

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012984.D
 Acq On : 10 Oct 2019 10:41
 Operator : JC/SP
 Sample : VX1010WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Quant Time: Oct 11 04:32:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	269537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	111251	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	5.48	113	87604	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	8.71	98	335934	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.13	95	130585	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	38925	20.920	ug/l	96
3) Chloromethane	1.32	50	41240	20.366	ug/l	98
4) Vinyl Chloride	1.40	62	40777	19.510	ug/l	98
5) Bromomethane	1.63	94	20570	23.676	ug/l	99
6) Chloroethane	1.72	64	25804	20.431	ug/l	98
7) Trichlorofluoromethane	1.92	101	58207	20.634	ug/l	99
8) Diethyl Ether	2.18	74	22875	20.089	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38415	21.041	ug/l	98
10) Methyl Iodide	2.50	142	32470	19.185	ug/l	98
11) Tert butyl alcohol	3.03	59	51978	85.942	ug/l	99
12) 1,1-Dichloroethene	2.36	96	37215	20.175	ug/l	96
13) Acrolein	2.28	56	30730	71.497	ug/l	99
14) Allyl chloride	2.72	41	64679	19.689	ug/l	100
15) Acrylonitrile	3.13	53	112939	98.538	ug/l	100
16) Acetone	2.43	43	125061	103.995	ug/l	99
17) Carbon Disulfide	2.56	76	96429	18.333	ug/l	100
18) Methyl Acetate	2.76	43	54484	19.114	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	131549	20.651	ug/l	97
20) Methylene Chloride	2.85	84	43345	19.612	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	39620	20.039	ug/l	99
22) Diisopropyl ether	3.84	45	128836	20.467	ug/l	94
23) Vinyl Acetate	3.80	43	554056	101.959	ug/l	99
24) 1,1-Dichloroethane	3.69	63	71830	20.284	ug/l	99
25) 2-Butanone	4.65	43	164171	98.400	ug/l	96
26) 2,2-Dichloropropane	4.57	77	61301	20.585	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	44464	19.510	ug/l	97
28) Bromochloromethane	5.00	49	21400	19.952	ug/l	99
29) Tetrahydrofuran	5.11	42	99581	96.993	ug/l	99
30) Chloroform	5.20	83	73322	20.179	ug/l	98
31) Cyclohexane	5.57	56	67418	20.360	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	61932	20.116	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53823	20.441	ug/l	98
37) Ethyl Acetate	4.81	43	57678	19.589	ug/l	100
38) Carbon Tetrachloride	5.78	117	52607	20.526	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	69633	21.806	ug/l	99
40) Benzene	6.13	78	164350	21.133	ug/l	98
41) Methacrylonitrile	5.03	41	32567	20.129	ug/l	99
42) 1,2-Dichloroethane	6.18	62	59214	21.219	ug/l	99
43) Isopropyl Acetate	6.43	43	97360	20.602	ug/l	99
44) Trichloroethene	7.20	130	43547	20.193	ug/l	96
45) 1,2-Dichloropropane	7.50	63	42128	21.254	ug/l	100
46) Dibromomethane	7.65	93	28234	21.380	ug/l	97
47) Bromodichloromethane	7.89	83	53298	20.681	ug/l	96
48) Methyl methacrylate	7.76	41	46328	20.117	ug/l	99
49) 1,4-Dioxane	7.73	88	22222	382.044	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	301396	102.292	ug/l	100
52) Toluene	8.78	92	106365	21.378	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	58354	19.526	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	65698	20.727	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	40612	20.626	ug/l	95
56) Ethyl methacrylate	9.17	69	66428	19.982	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71446	20.977	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	140773	97.322	ug/l	99
59) 2-Hexanone	9.48	43	233009	101.591	ug/l	100
60) Dibromochloromethane	9.57	129	39519	19.223	ug/l	98
61) 1,2-Dibromoethane	9.67	107	42989	20.755	ug/l	99
64) Tetrachloroethene	9.33	164	41704	22.307	ug/l	96
65) Chlorobenzene	10.14	112	110492	20.643	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	37676	20.301	ug/l	98
67) Ethyl Benzene	10.25	91	199799	21.014	ug/l	98
68) m/p-Xylenes	10.35	106	152301	42.879	ug/l	98
69) o-Xylene	10.70	106	71961	20.775	ug/l	98
70) Styrene	10.71	104	123905	21.042	ug/l	99
71) Bromoform	10.85	173	25459	18.227	ug/l #	97
73) Isopropylbenzene	11.01	105	198116	21.183	ug/l	100
74) N-amyl acetate	10.89	43	79579	19.757	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	61439	19.751	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	70829	25.104	ug/l	76
77) Bromobenzene	11.25	156	45572	20.678	ug/l	95
78) n-propylbenzene	11.35	91	220091	21.386	ug/l	98
79) 2-Chlorotoluene	11.42	91	134479	20.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	164357	21.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18040	19.183	ug/l	94
82) 4-Chlorotoluene	11.51	91	159050	21.455	ug/l	99
83) tert-Butylbenzene	11.76	119	153228	20.114	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	167306	21.154	ug/l	98
85) sec-Butylbenzene	11.94	105	192188	21.776	ug/l	97
86) p-Isopropyltoluene	12.06	119	173668	21.217	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81943	20.022	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	83077	20.043	ug/l	100
89) n-Butylbenzene	12.39	91	149629	21.750	ug/l	99
90) Hexachloroethane	12.59	117	27105	19.240	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	79626	19.846	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13626	18.689	ug/l	93

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

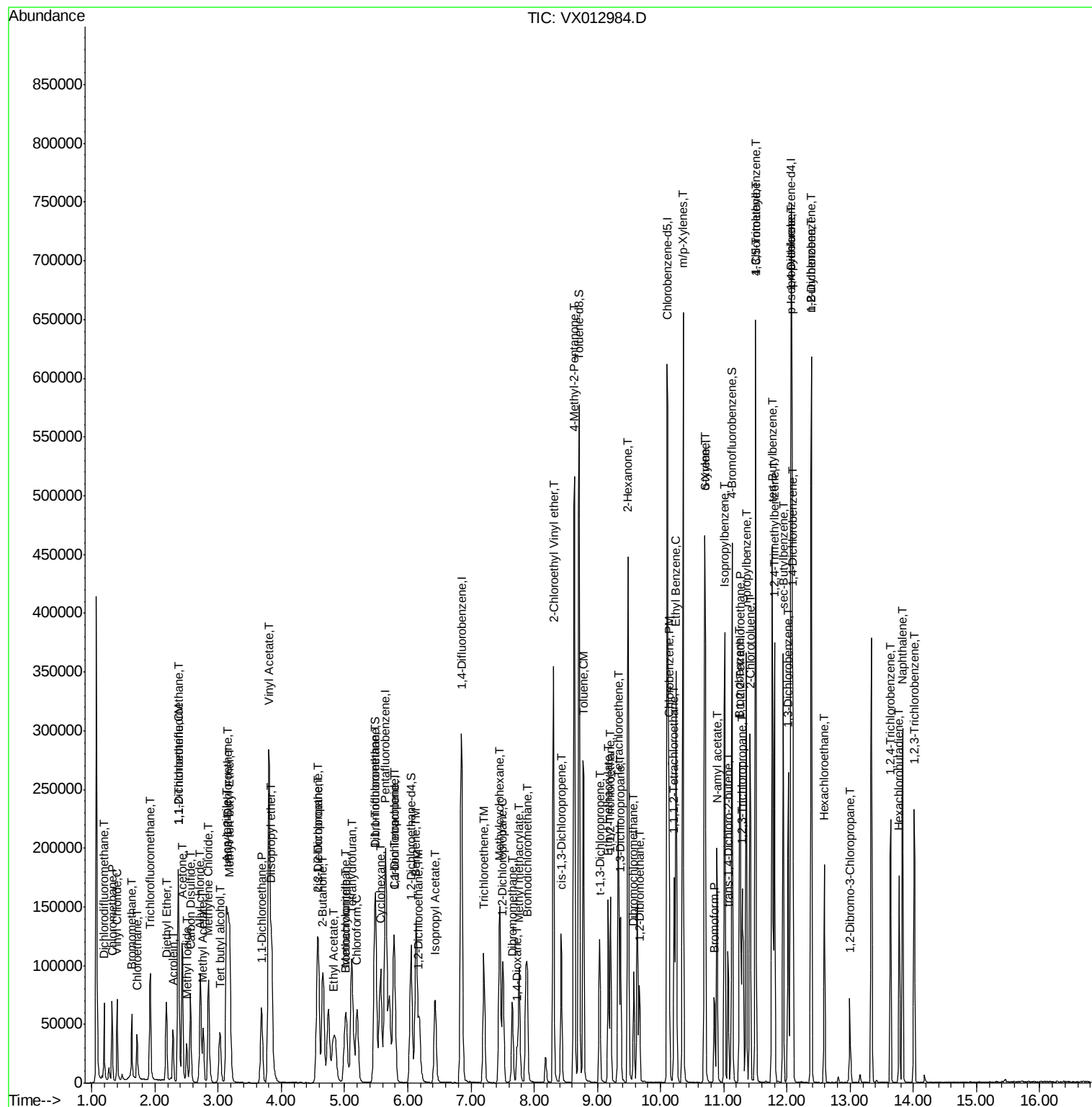
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	50389	20.048	ug/l	99
94) Hexachlorobutadiene	13.78	225	23289	20.078	ug/l	99
95) Naphthalene	13.83	128	172949	19.850	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	52954	20.388	ug/l	97

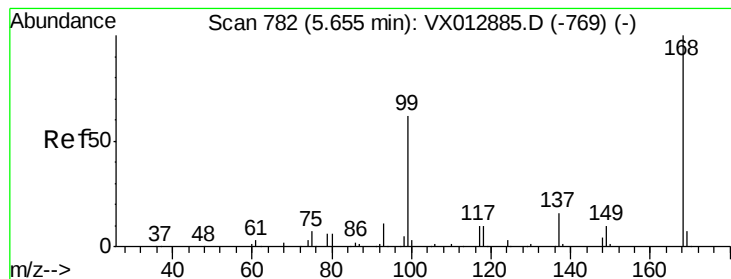
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

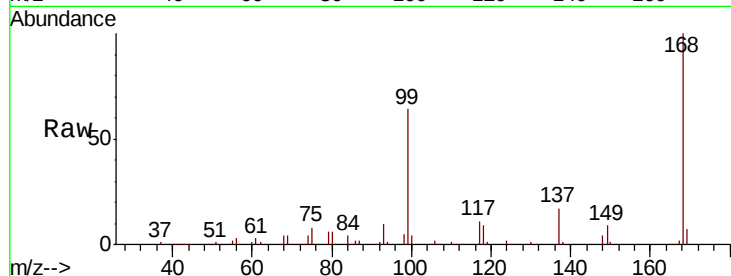
VX1010WBS01

Tot Ion:168 Resp: 182538

Ion Ratio Lower Upper

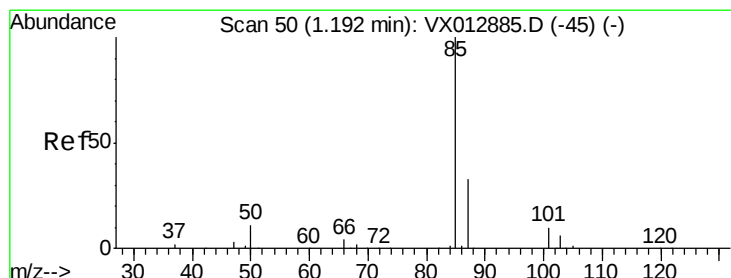
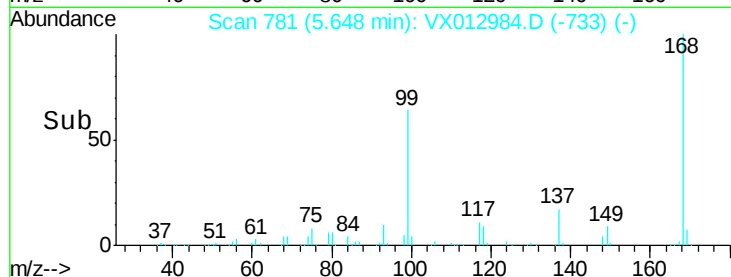
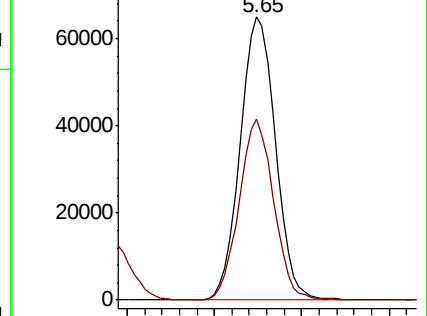
168 100

99 63.8 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.920 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012984.D

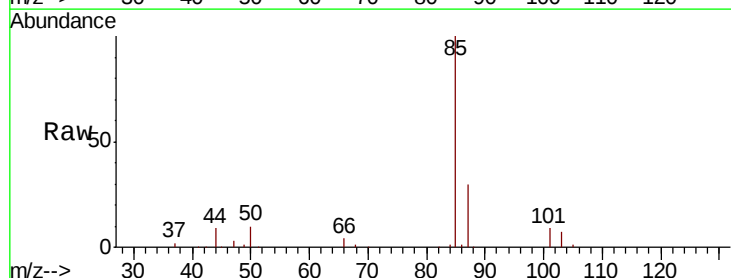
Acq: 10 Oct 2019 10:41

Tgt Ion: 85 Resp: 38925

Ion Ratio Lower Upper

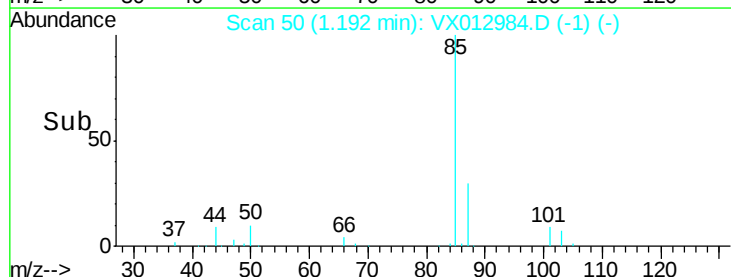
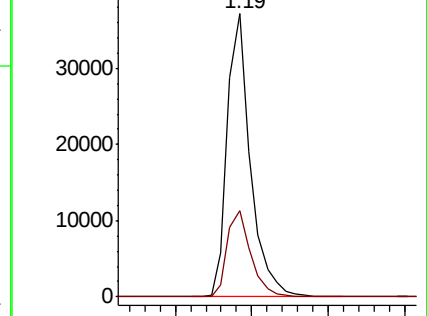
85 100

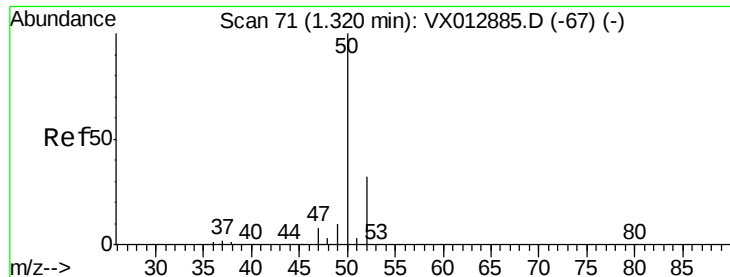
87 30.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.366 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

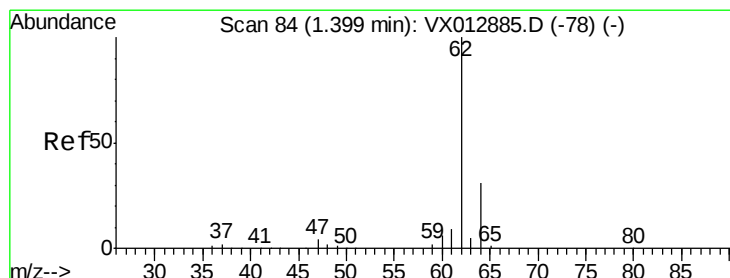
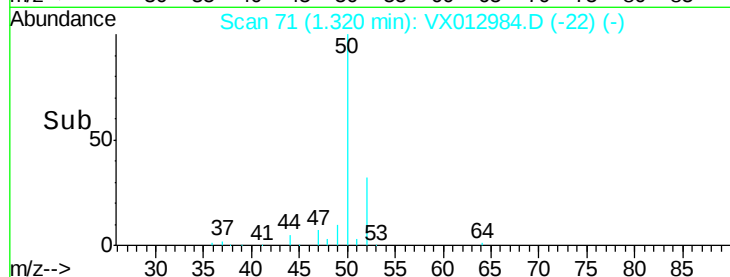
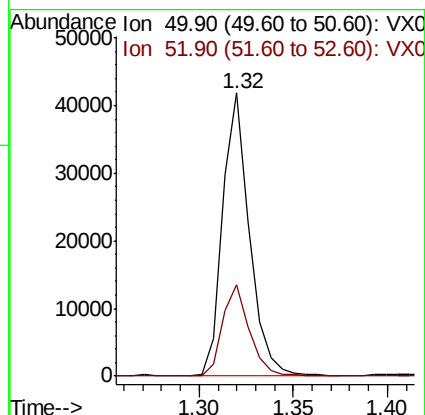
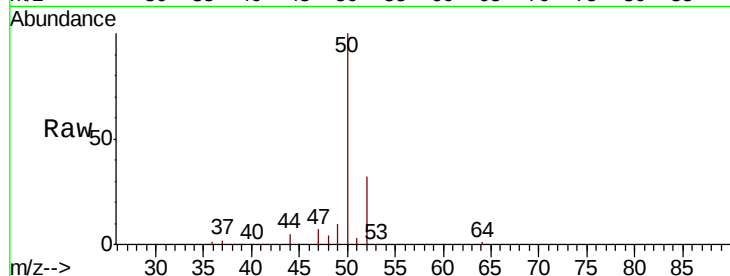
VX1010WBS01

Tot Ion: 50 Resp: 41240

Ion Ratio Lower Upper

50 100

52 32.4 25.2 37.8



#4

Vinyl Chloride

Concen: 19.510 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012984.D

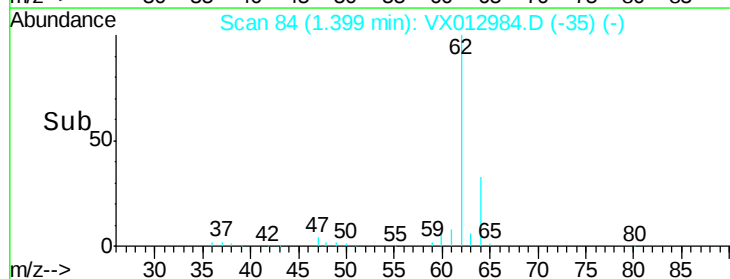
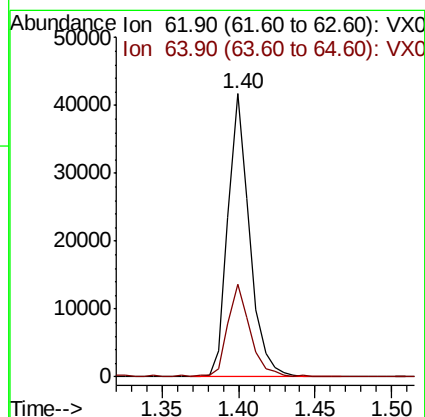
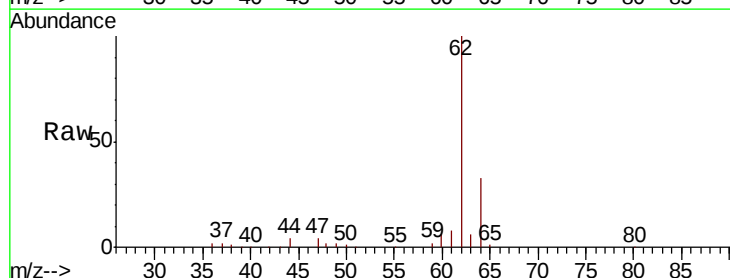
Acq: 10 Oct 2019 10:41

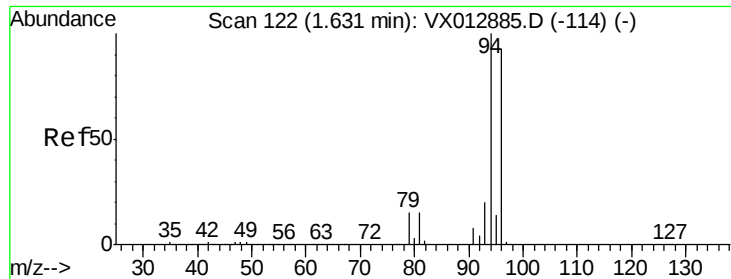
Tgt Ion: 62 Resp: 40777

Ion Ratio Lower Upper

62 100

64 32.8 25.3 37.9





#5

Bromomethane

Concen: 23.676 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

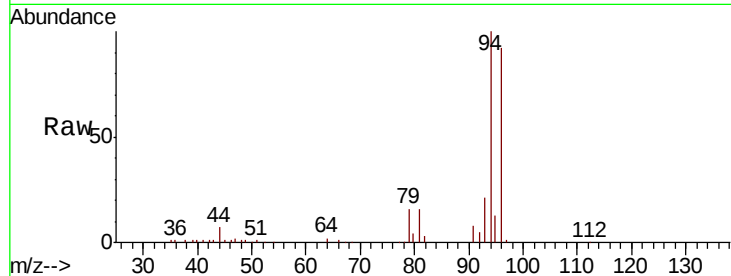
VX1010WBS01

Tot Ion: 94 Resp: 20570

Ion Ratio Lower Upper

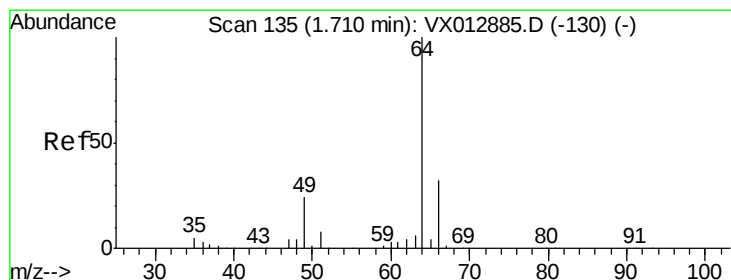
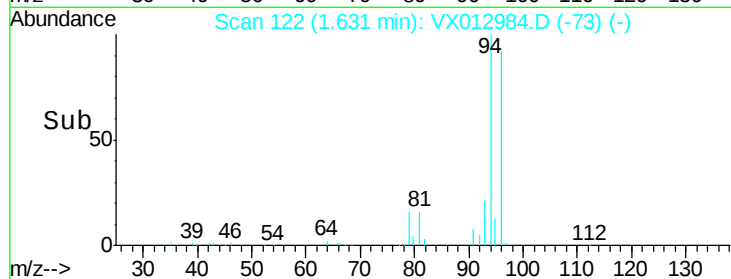
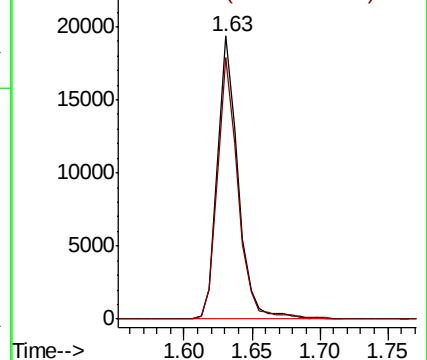
94 100

96 92.4 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.431 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012984.D

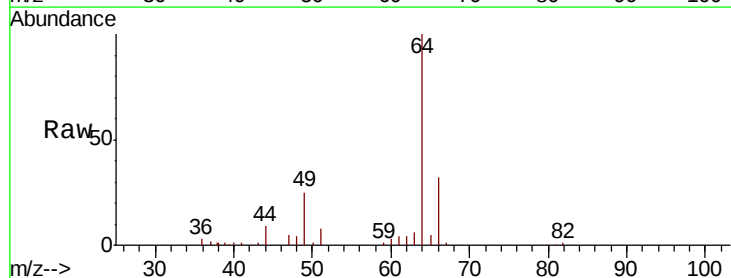
Acq: 10 Oct 2019 10:41

Tgt Ion: 64 Resp: 25804

Ion Ratio Lower Upper

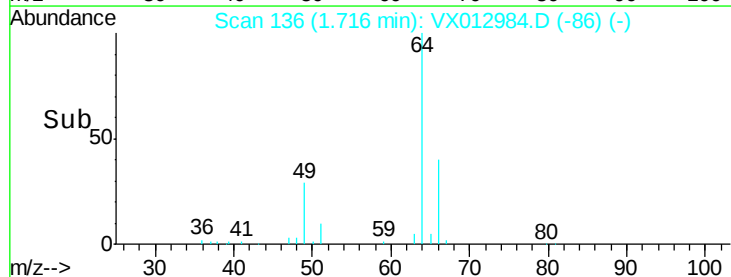
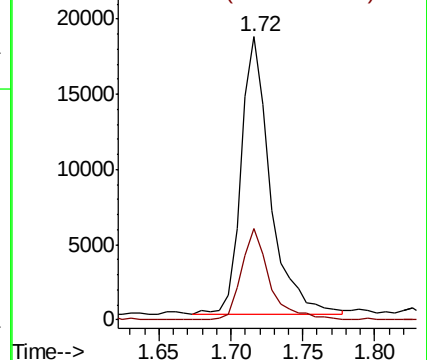
64 100

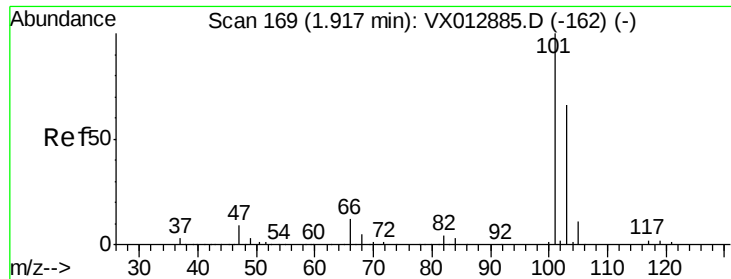
66 32.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



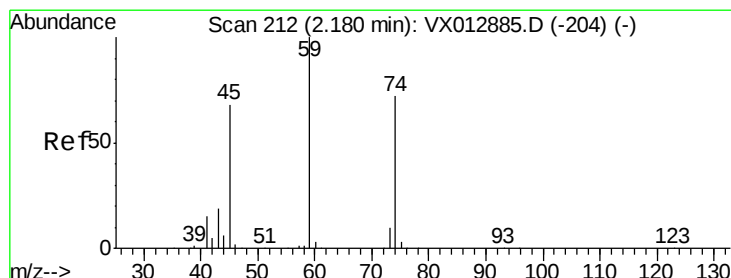
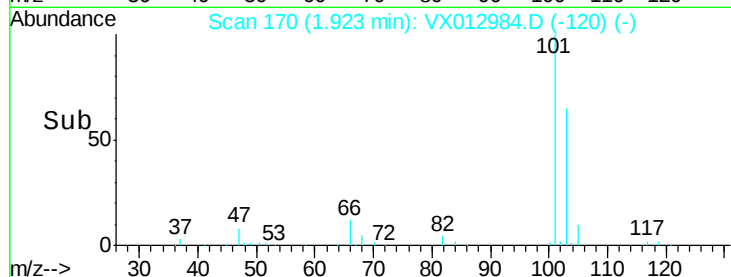
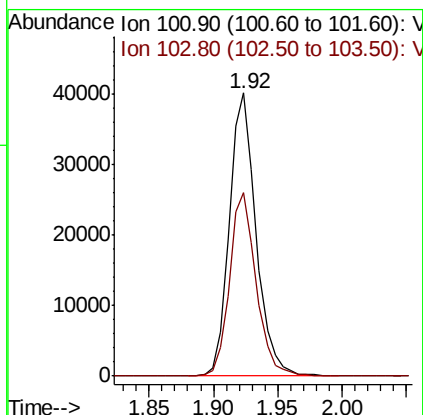
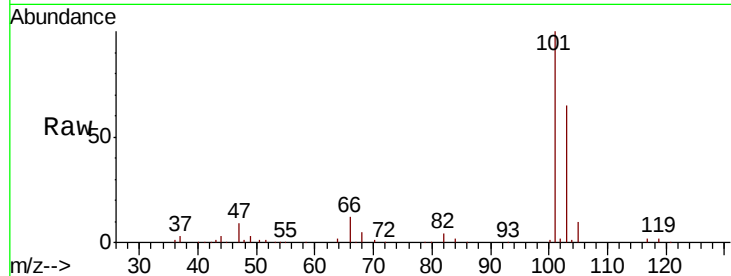


#7

Trichlorofluoromethane
 Concen: 20.634 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
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 ClientSampleId :
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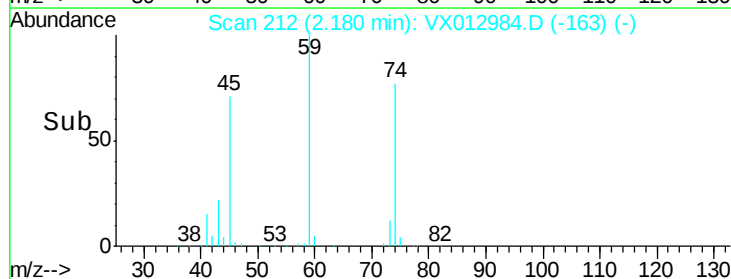
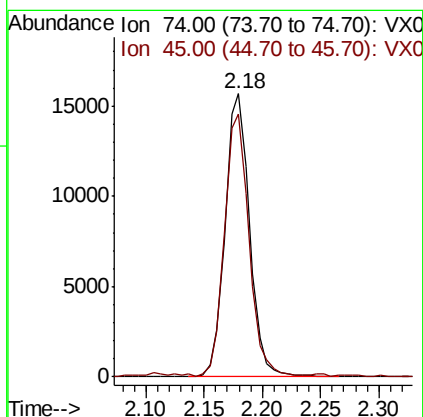
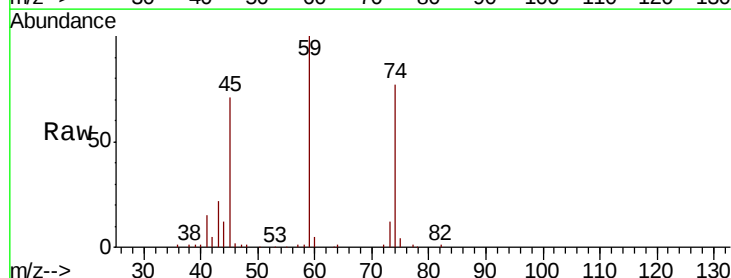
Tot Ion:101 Resp: 58207
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.5 78.7

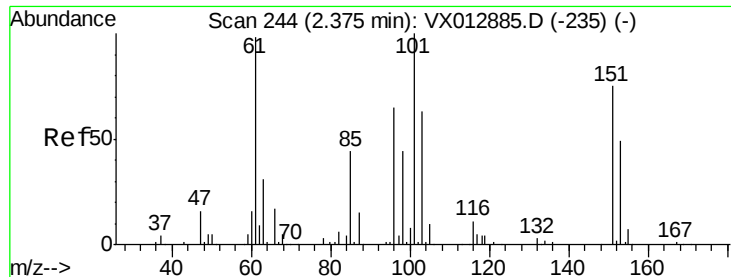


#8

Diethyl Ether
 Concen: 20.089 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion: 74 Resp: 22875
 Ion Ratio Lower Upper
 74 100
 45 93.6 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.041 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

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VX1010WBS01

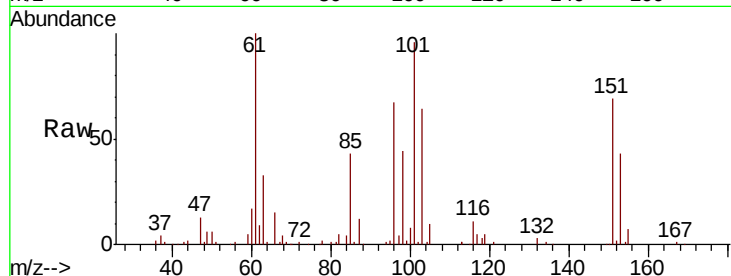
Tot Ion:101 Resp: 38415

Ion Ratio Lower Upper

101 100

85 44.1 35.2 52.8

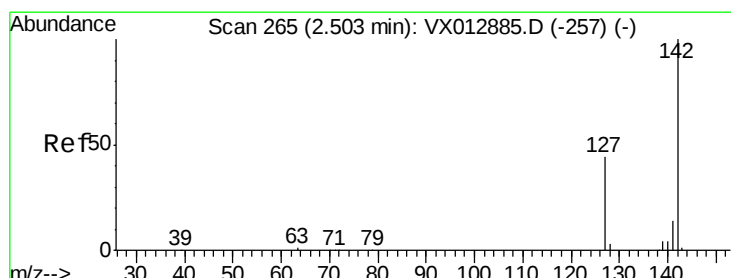
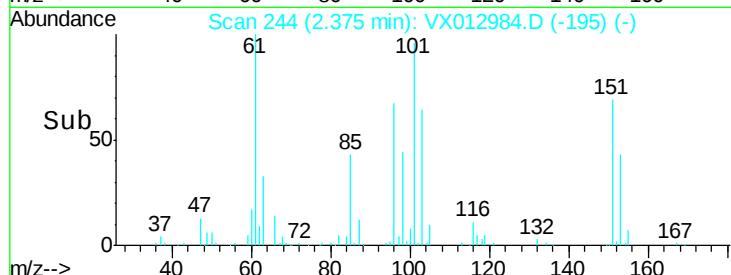
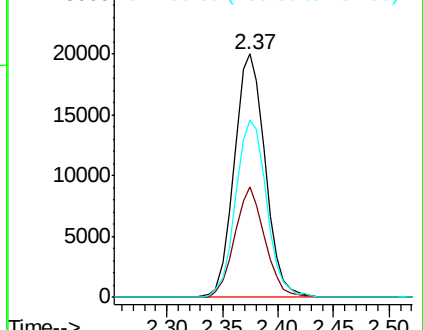
151 73.0 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.185 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

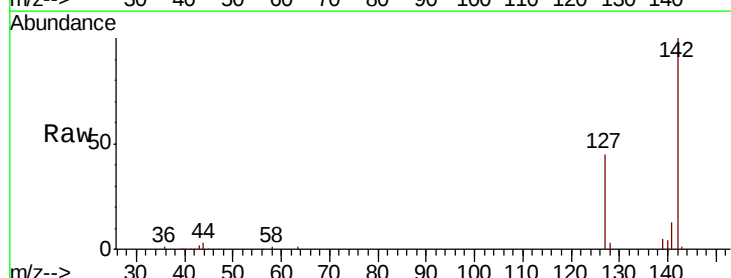
Tgt Ion:142 Resp: 32470

Ion Ratio Lower Upper

142 100

127 44.9 34.9 52.3

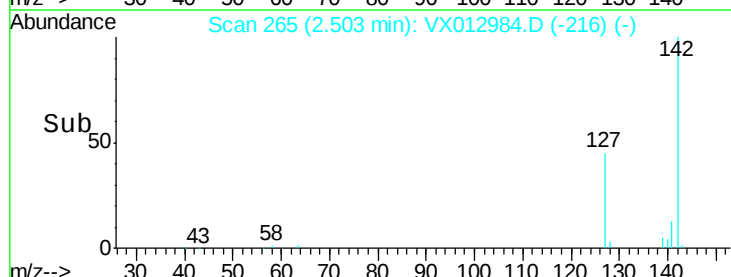
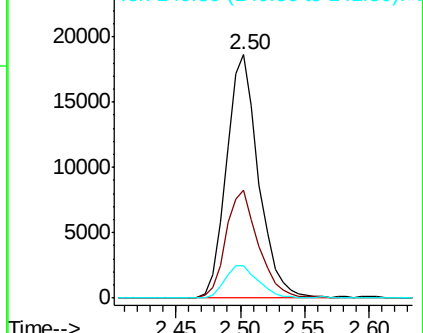
141 13.8 11.6 17.4

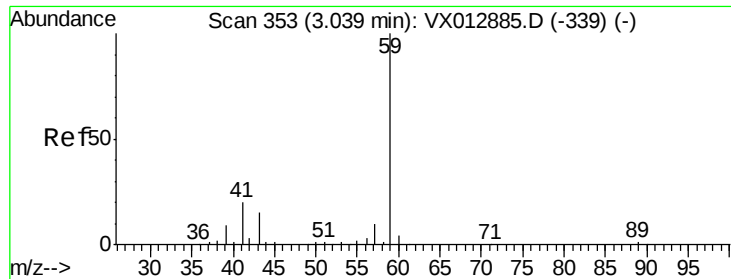


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



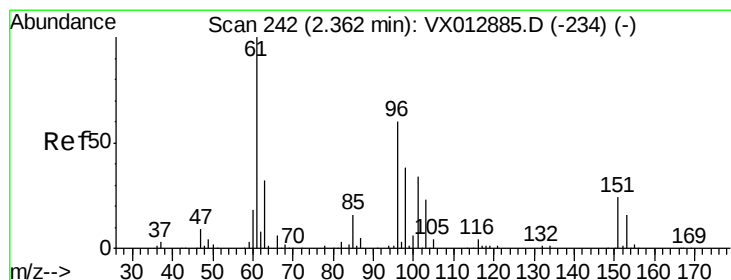
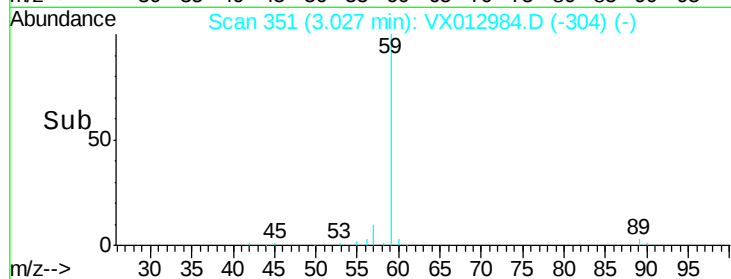
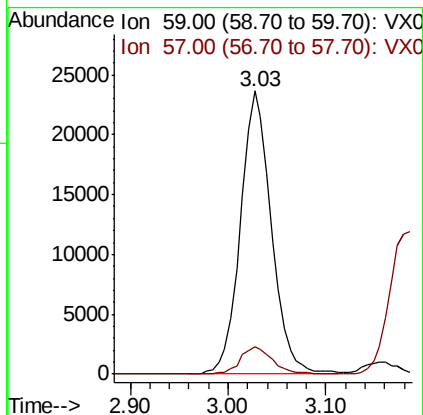
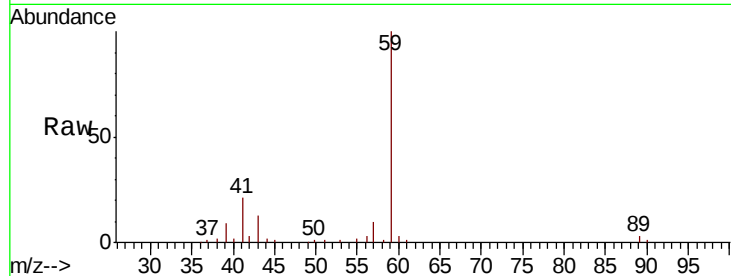


#11

Tert butyl alcohol
 Concen: 85.942 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX1010WBS01

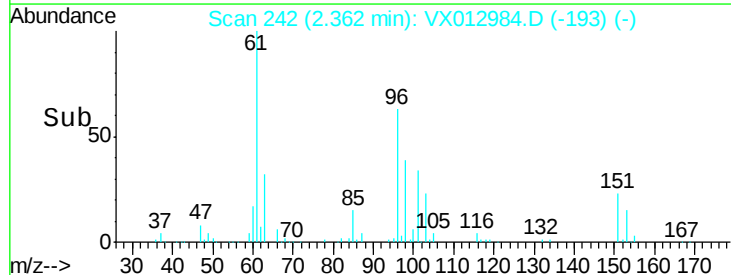
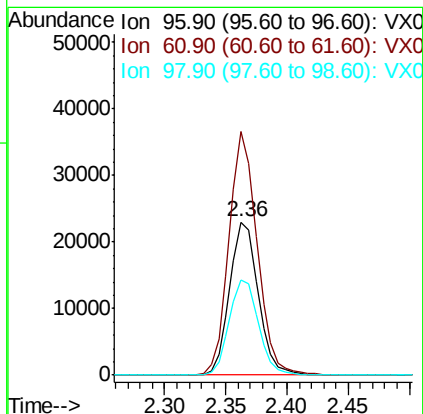
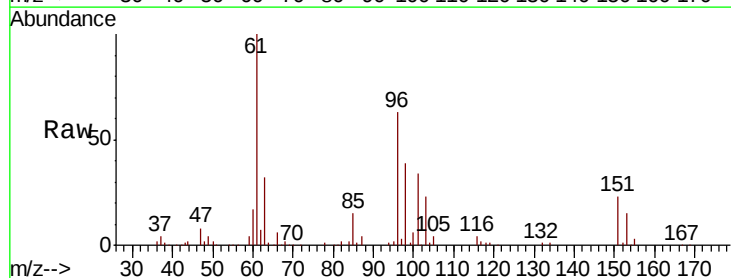
Tot Ion: 59 Resp: 51978
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

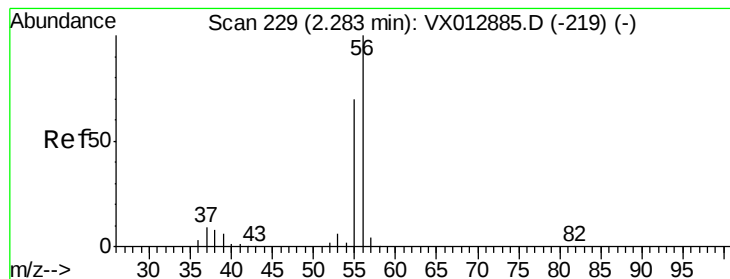


#12

1,1-Dichloroethene
 Concen: 20.175 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion: 96 Resp: 37215
 Ion Ratio Lower Upper
 96 100
 61 158.9 132.2 198.4
 98 61.8 50.5 75.7





#13

Acrolein

Concen: 71.497 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

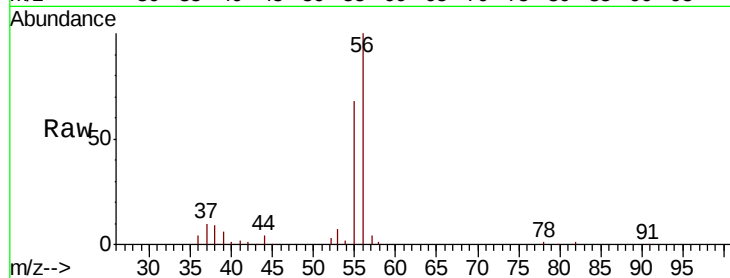
VX1010WBS01

Tot Ion: 56 Resp: 30730

Ion Ratio Lower Upper

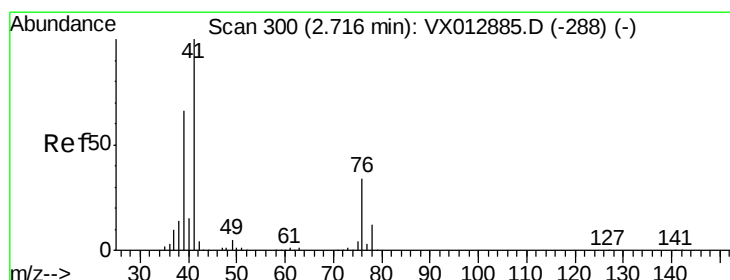
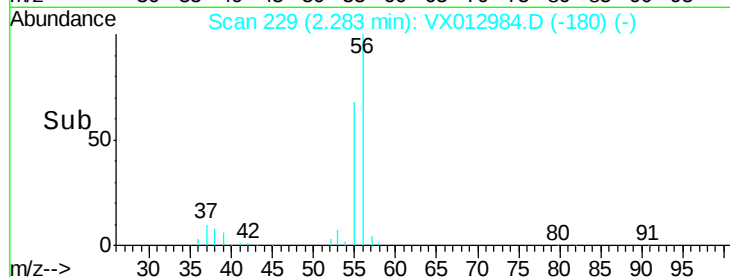
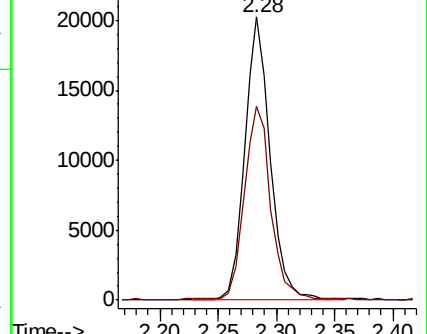
56 100

55 69.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.689 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

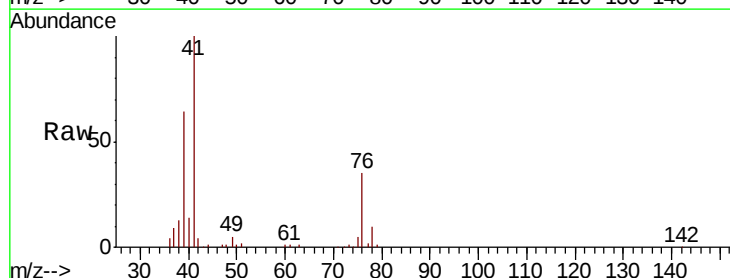
Tgt Ion: 41 Resp: 64679

Ion Ratio Lower Upper

41 100

39 63.4 51.0 76.6

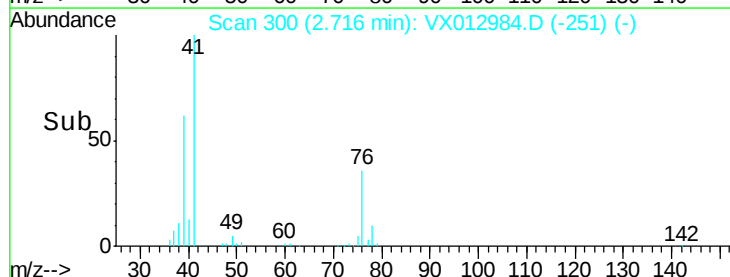
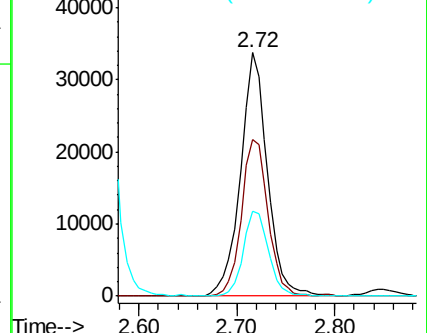
76 32.7 26.2 39.4

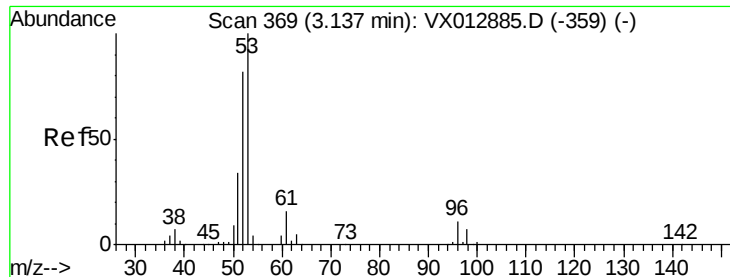


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.538 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

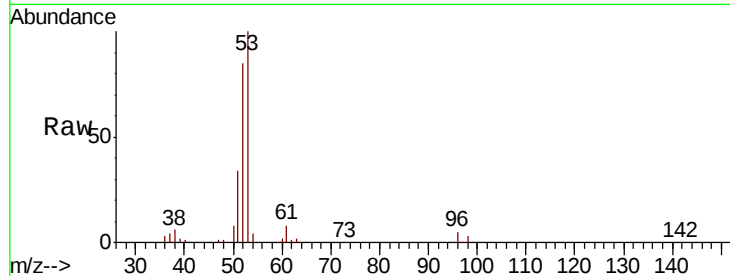
Tot Ion: 53 Resp: 112939

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

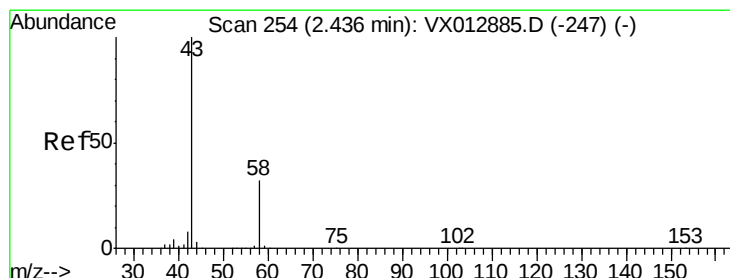
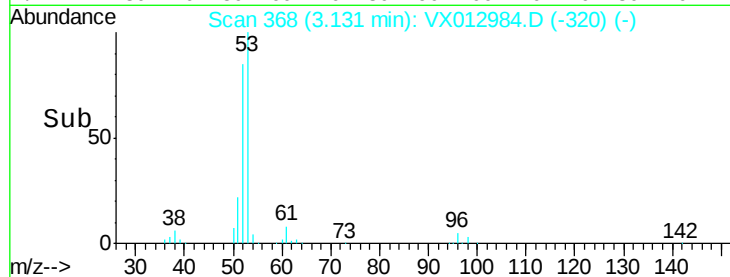
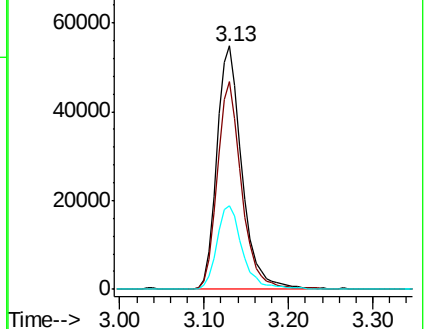
51 35.3 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX012885.D (-359) (-)

Ion 52.00 (51.70 to 52.70): VX012885.D (-359) (-)

Ion 51.00 (50.70 to 51.70): VX012885.D (-359) (-)



#16

Acetone

Concen: 103.995 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012984.D

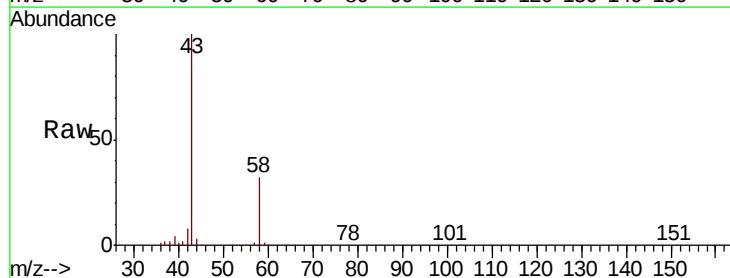
Acq: 10 Oct 2019 10:41

Tgt Ion: 43 Resp: 125061

Ion Ratio Lower Upper

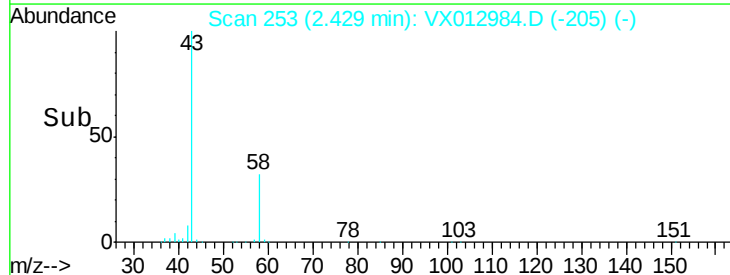
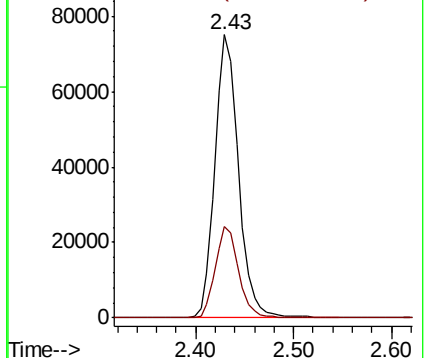
43 100

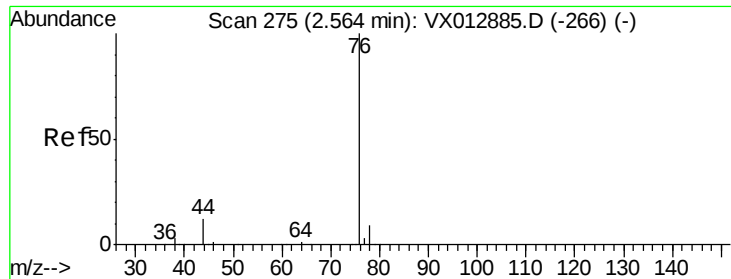
58 32.2 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX012885.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VX012885.D (-247) (-)

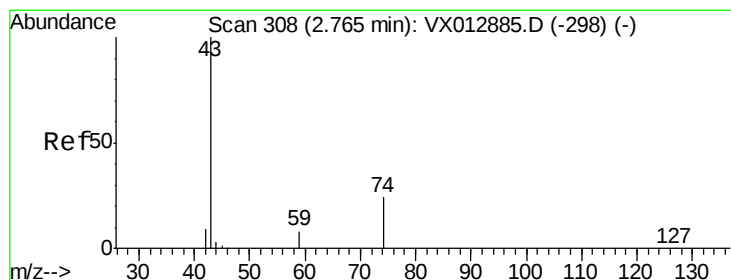
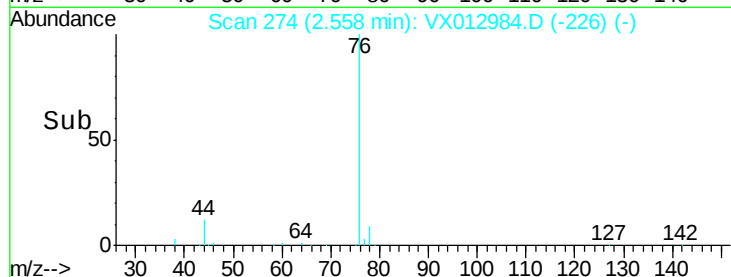
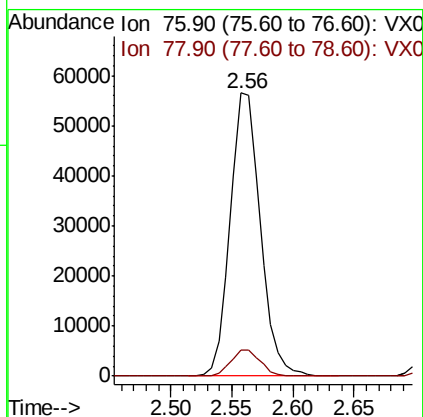
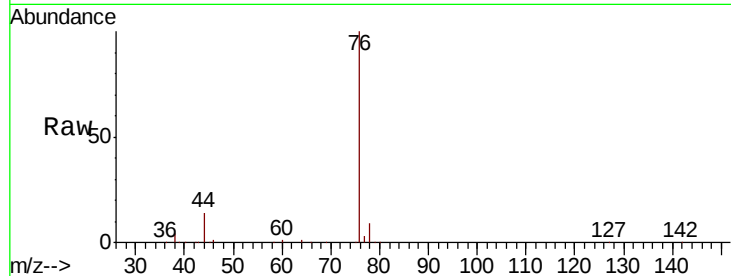




#17
Carbon Disulfide
Concen: 18.333 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

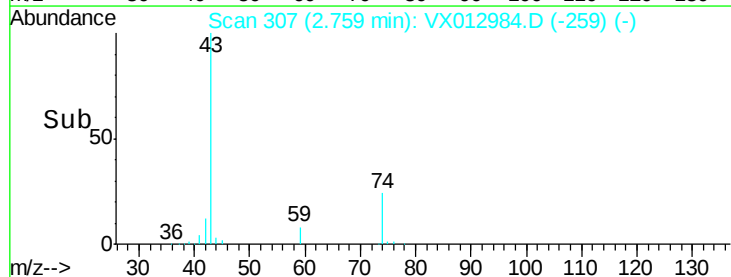
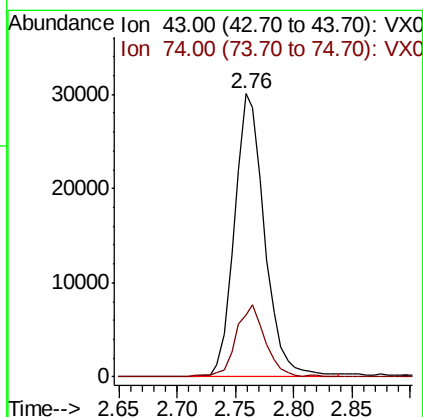
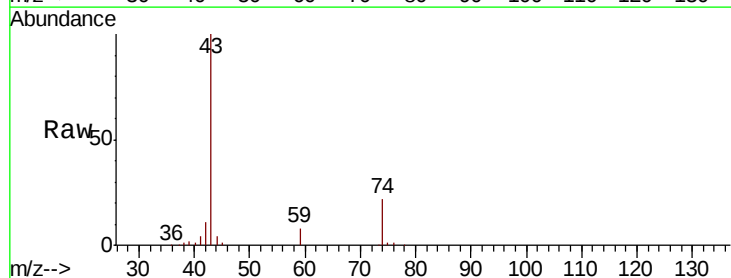
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

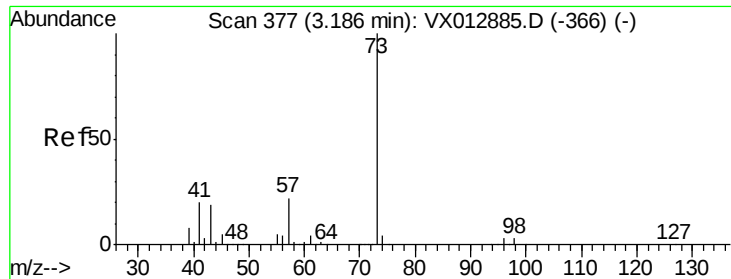
Tot Ion: 76 Resp: 96429
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 19.114 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 43 Resp: 54484
Ion Ratio Lower Upper
43 100
74 25.2 19.2 28.8

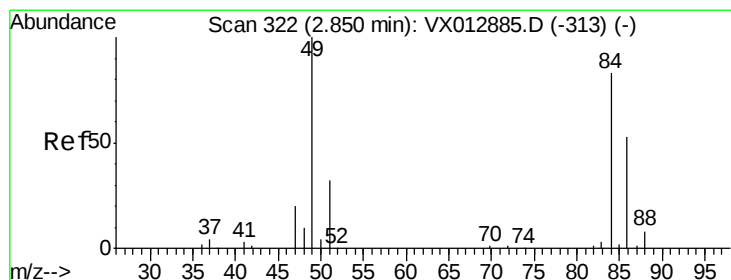
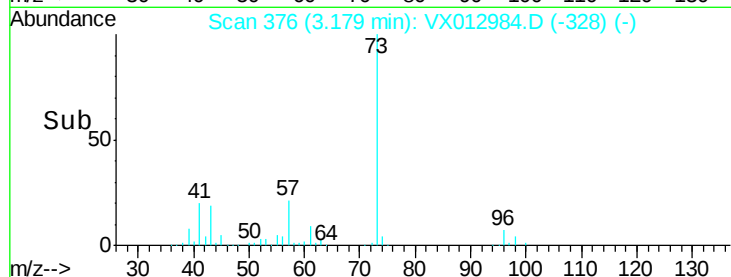
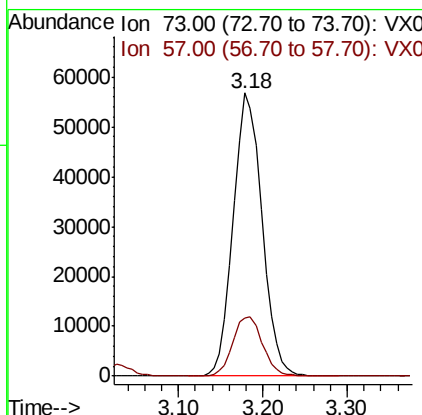
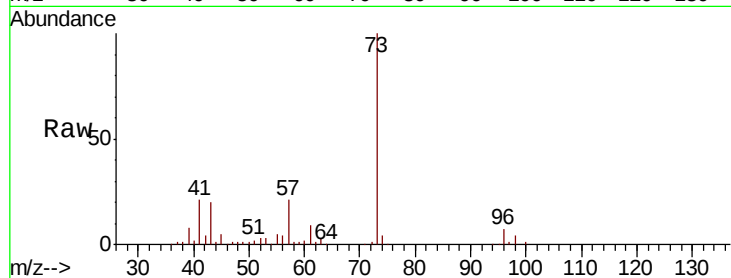




#19
Methvl tert-butvl Ether
Concen: 20.651 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

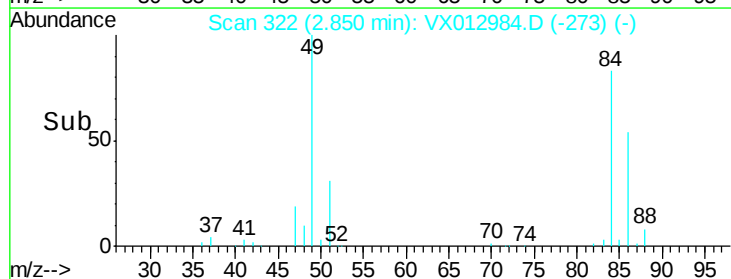
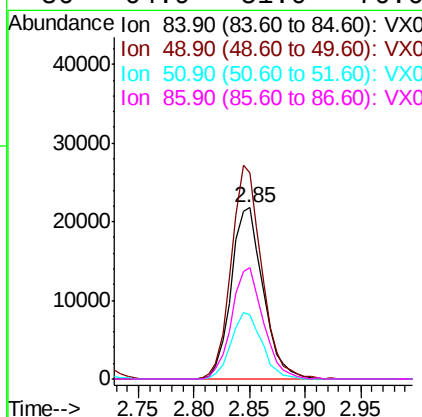
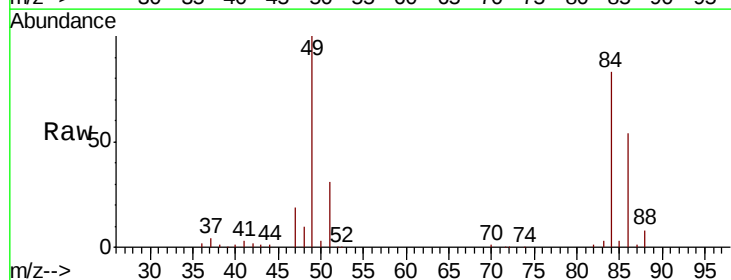
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

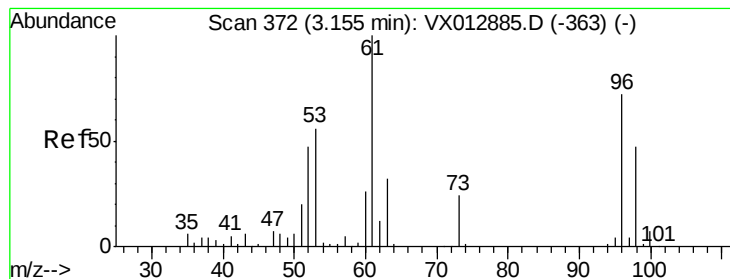
Tot Ion: 73 Resp: 131549
Ion Ratio Lower Upper
73 100
57 20.6 17.8 26.6



#20
Methylene Chloride
Concen: 19.612 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 84 Resp: 43345
Ion Ratio Lower Upper
84 100
49 120.8 96.6 144.8
51 37.7 30.7 46.1
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.039 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

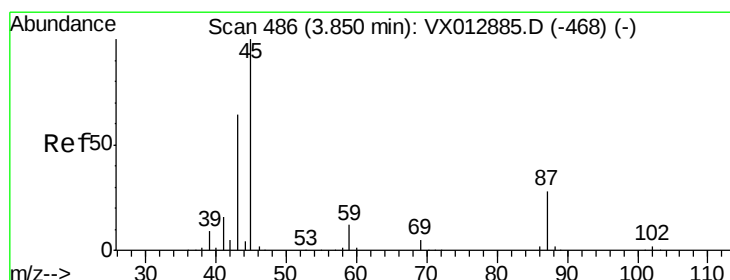
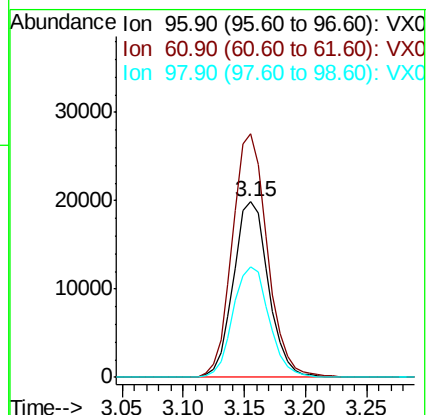
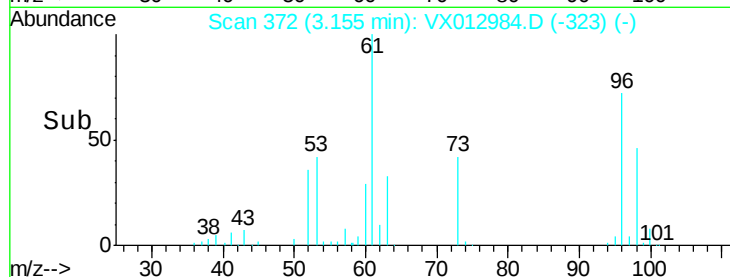
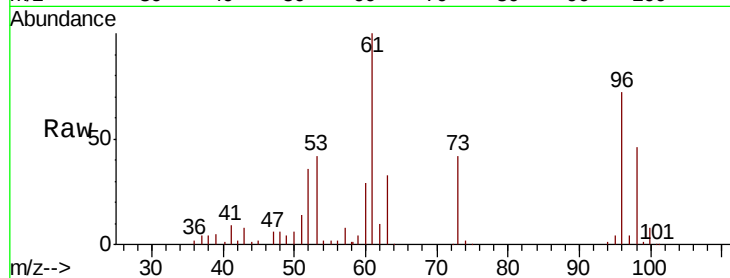
Tot Ion: 96 Resp: 39620

Ion Ratio Lower Upper

96 100

61 138.7 110.4 165.6

98 63.2 51.5 77.3



#22

Diisopropyl ether

Concen: 20.467 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Tgt Ion: 45 Resp: 128836

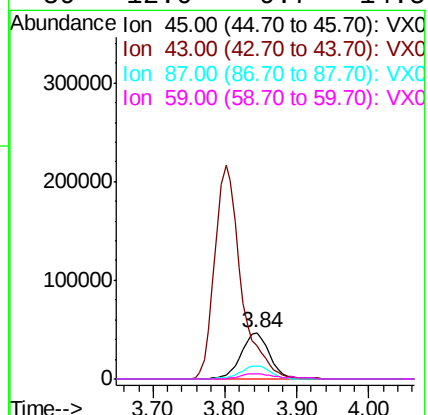
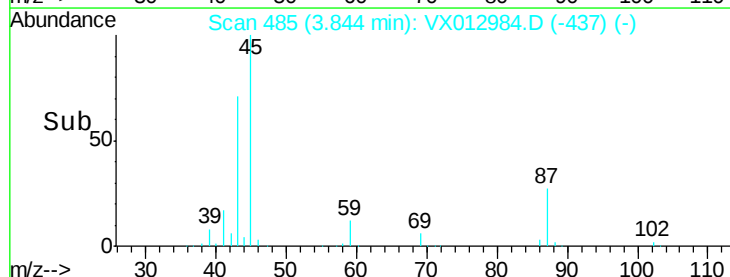
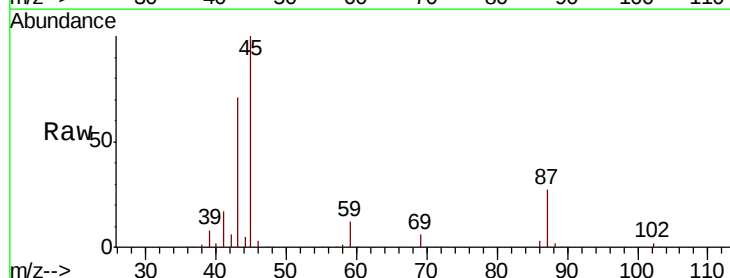
Ion Ratio Lower Upper

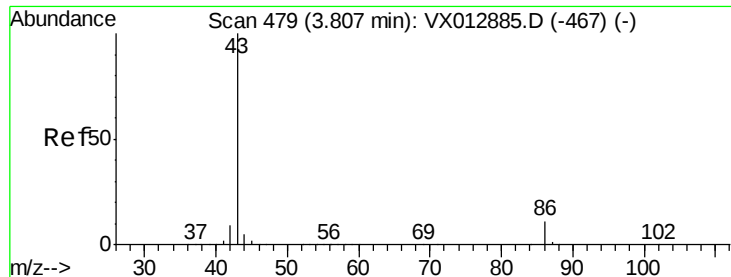
45 100

43 70.5 51.4 77.0

87 27.0 22.5 33.7

59 12.0 9.7 14.5





#23

Vinyl Acetate

Concen: 101.959 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

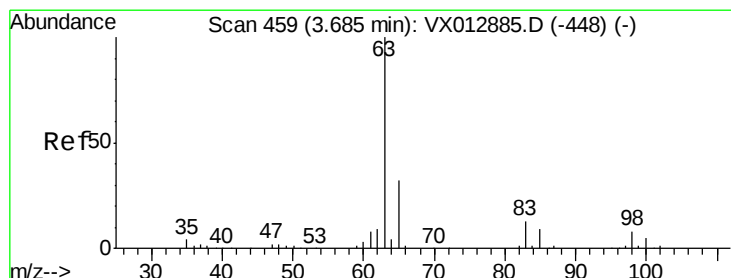
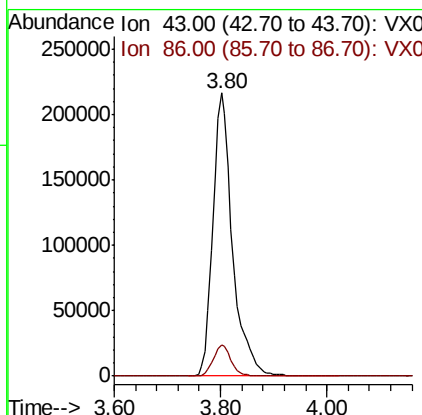
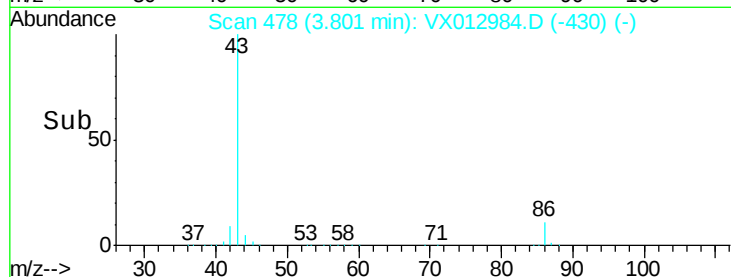
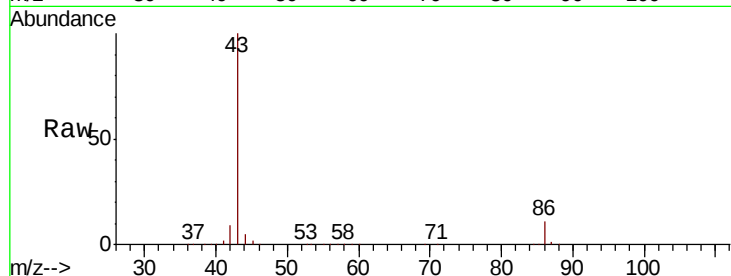
VX1010WBS01

Tot Ion: 43 Resp: 554056

Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.6



#24

1,1-Dichloroethane

Concen: 20.284 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

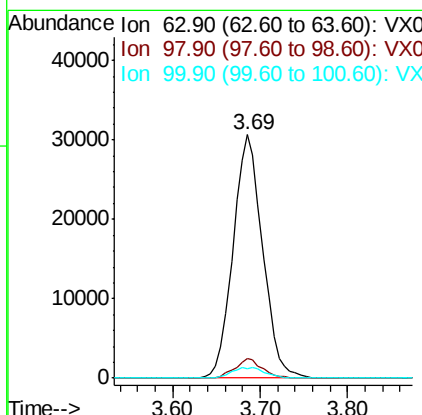
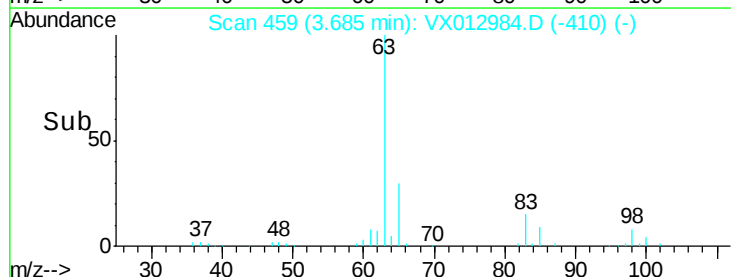
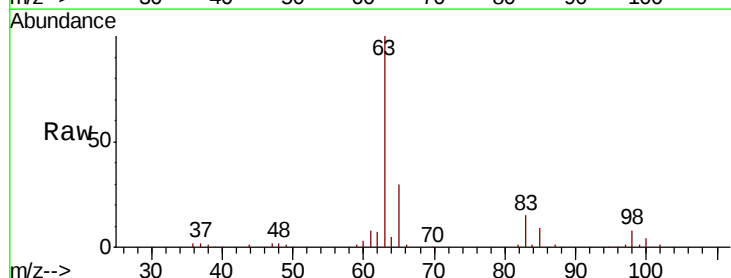
Tgt Ion: 63 Resp: 71830

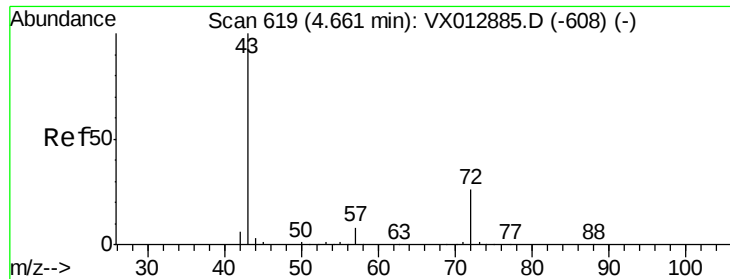
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 3.7 2.3 6.9





#25

2-Butanone

Concen: 98.400 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

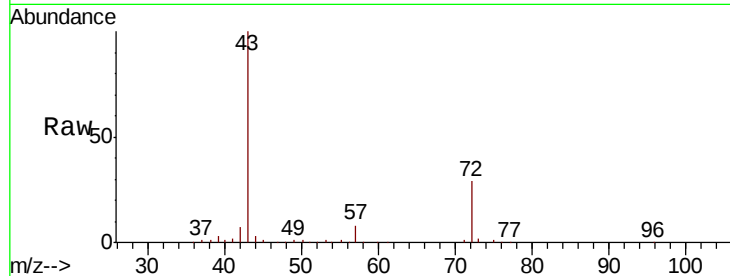
VX1010WBS01

Tot Ion: 43 Resp: 164171

Ion Ratio Lower Upper

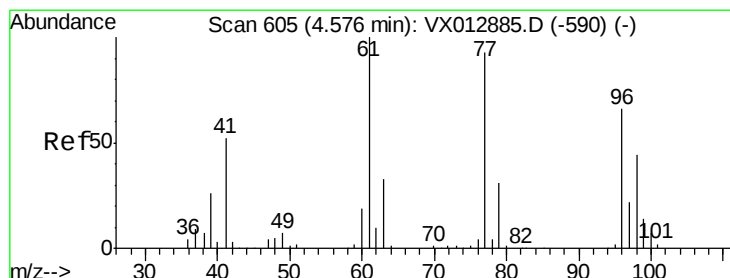
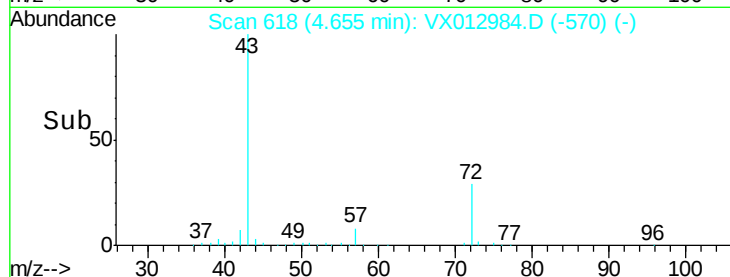
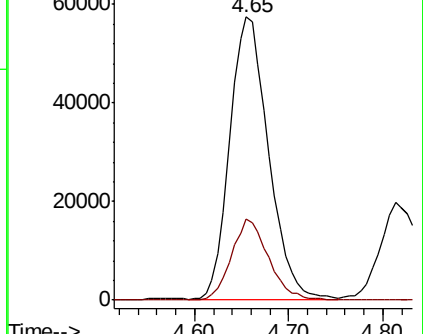
43 100

72 28.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.585 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012984.D

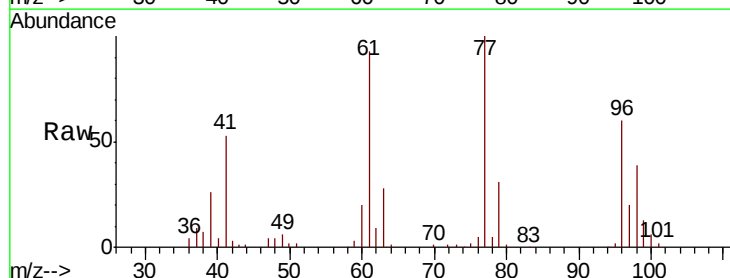
Acq: 10 Oct 2019 10:41

Tgt Ion: 77 Resp: 61301

Ion Ratio Lower Upper

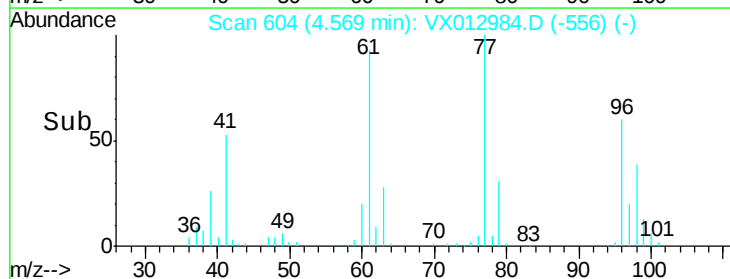
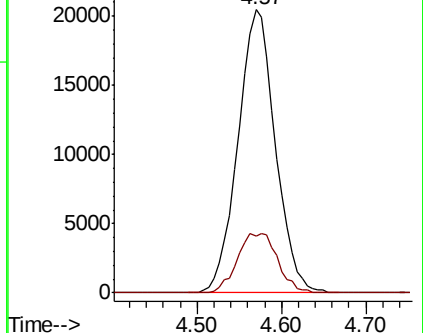
77 100

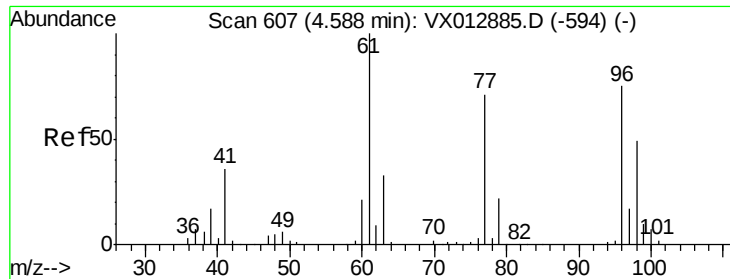
97 22.8 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



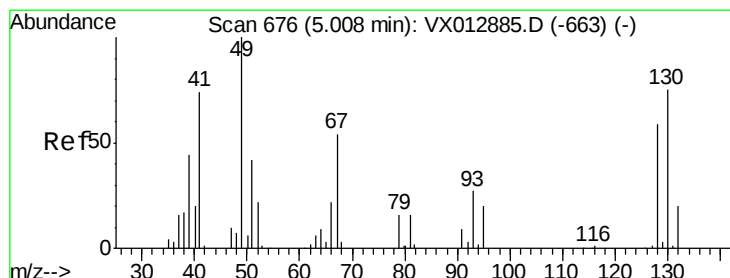
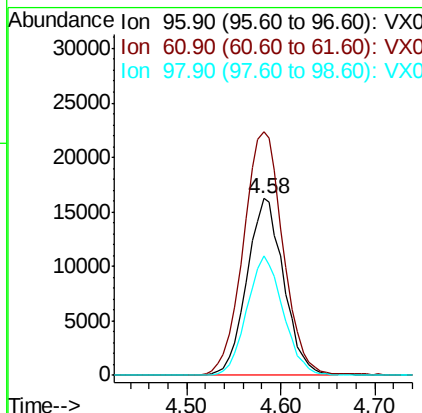
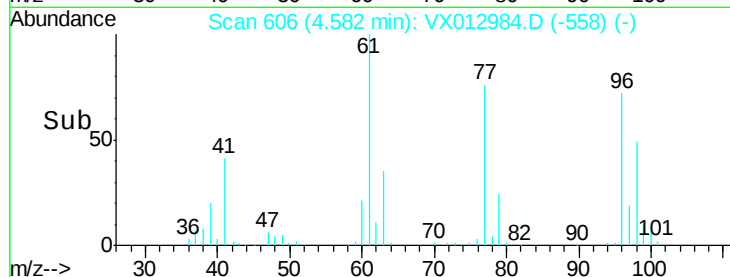
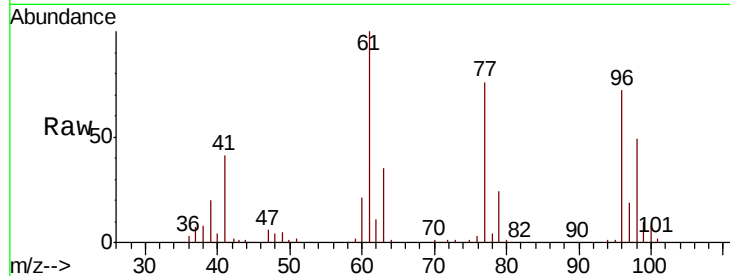


#27

cis-1,2-Dichloroethene
Concen: 19.510 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

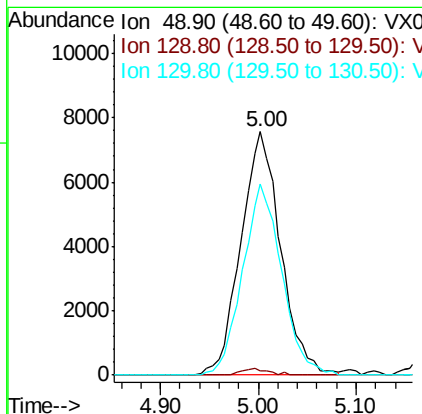
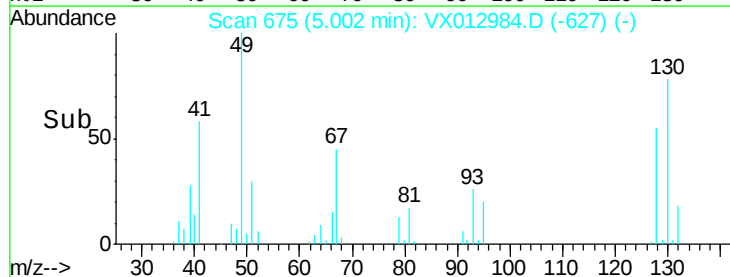
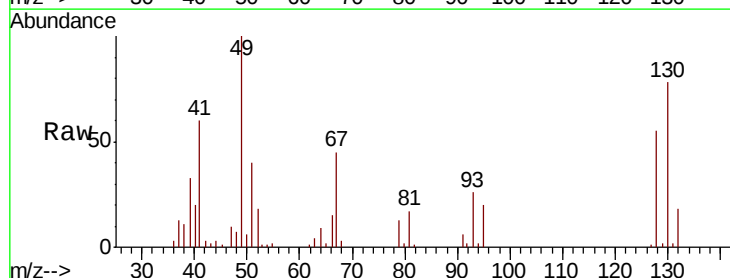
Tot Ion: 96 Resp: 44464
Ion Ratio Lower Upper
96 100
61 149.1 0.0 290.6
98 66.4 0.0 128.8

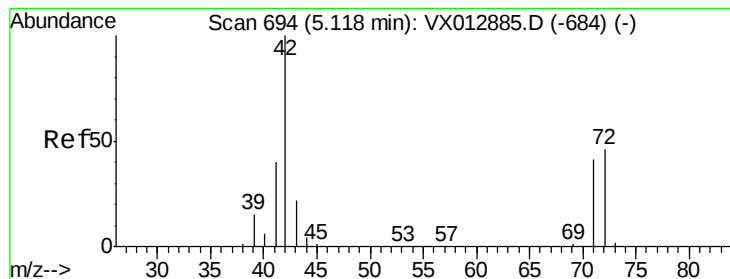


#28

Bromochloromethane
Concen: 19.952 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 49 Resp: 21400
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.2
130 76.9 62.1 93.1





#29

Tetrahydrofuran

Concen: 96.993 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

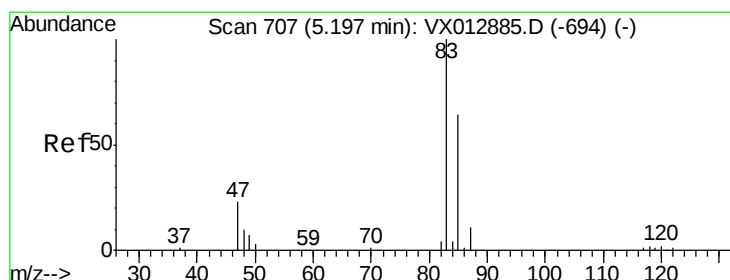
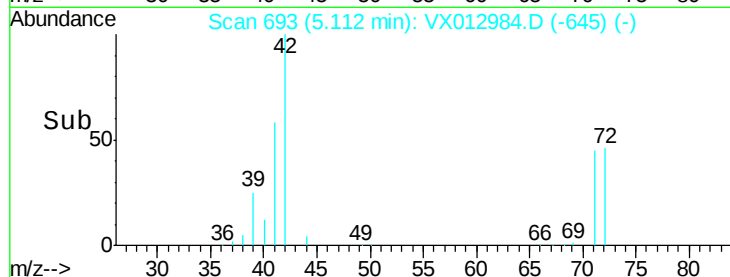
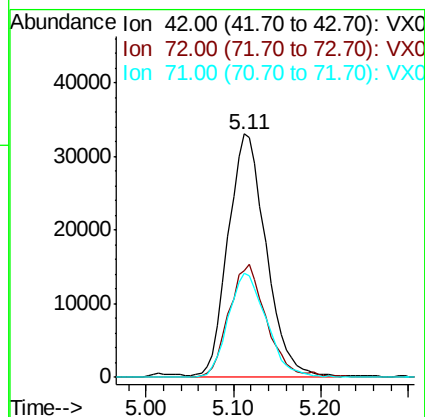
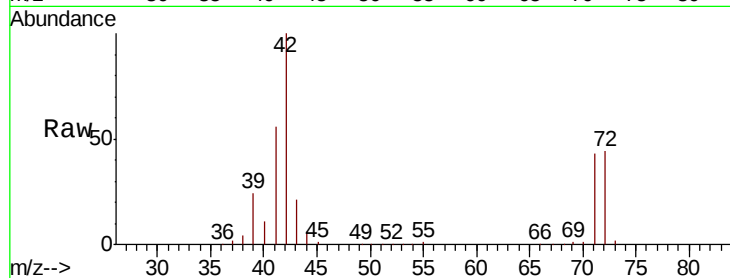
Tot Ion: 42 Resp: 99581

Ion Ratio Lower Upper

42 100

72 46.3 36.9 55.3

71 43.3 33.5 50.3



#30

Chloroform

Concen: 20.179 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012984.D

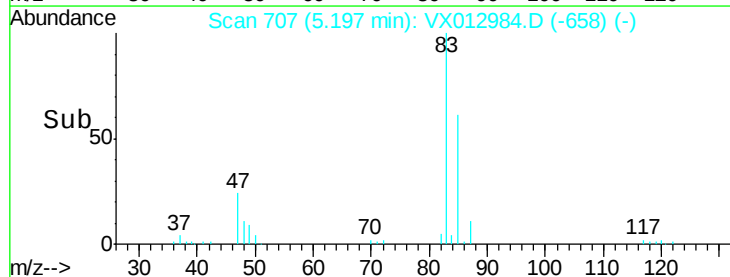
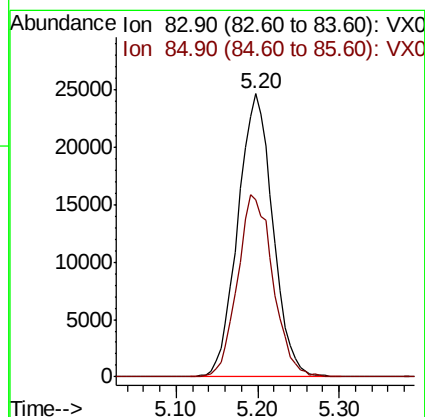
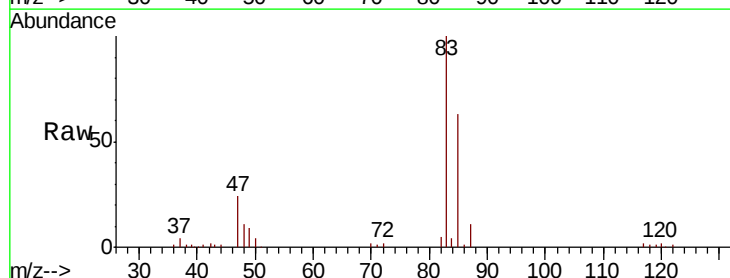
Acq: 10 Oct 2019 10:41

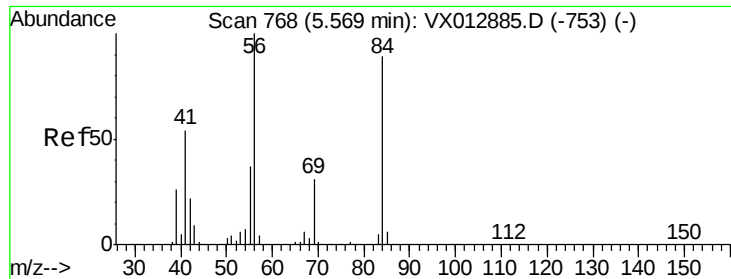
Tgt Ion: 83 Resp: 73322

Ion Ratio Lower Upper

83 100

85 62.8 51.5 77.3

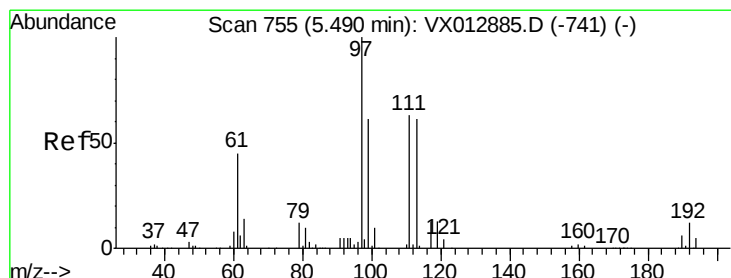
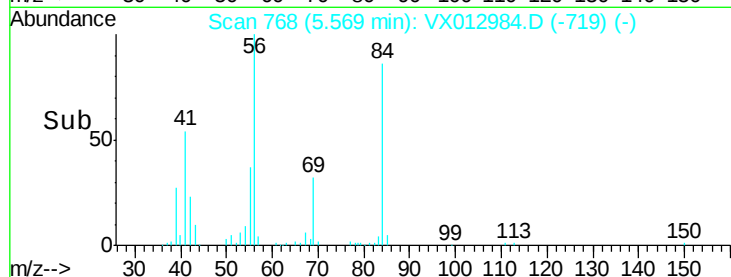
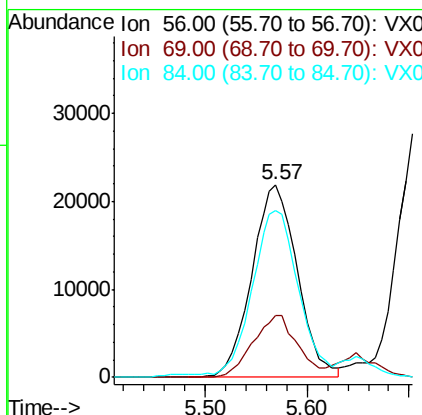
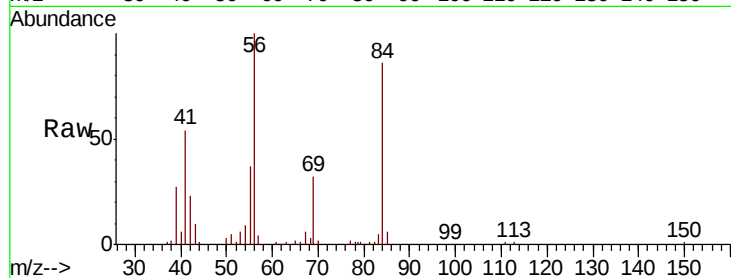




#31
Cyclohexane
Concen: 20.360 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

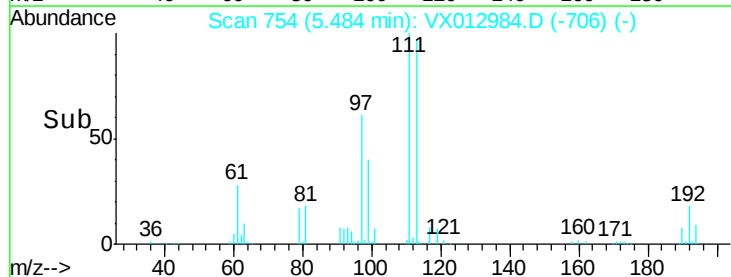
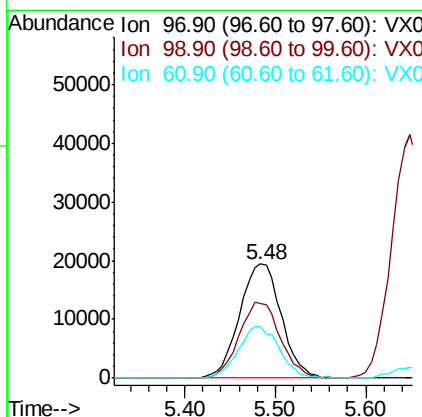
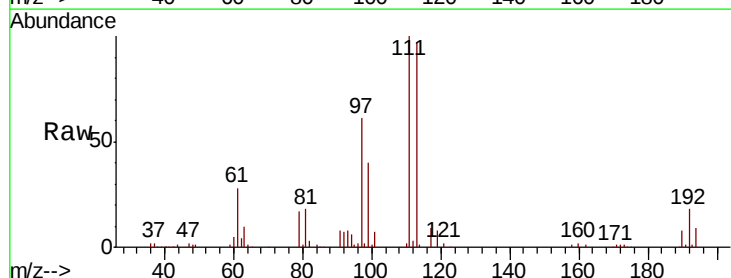
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

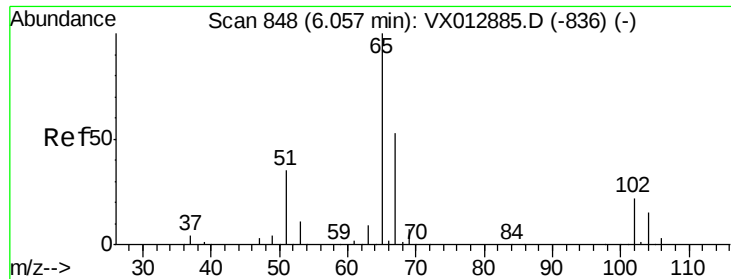
Tot Ion: 56 Resp: 67418
Ion Ratio Lower Upper
56 100
69 32.0 25.2 37.8
84 84.7 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 20.116 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 97 Resp: 61932
Ion Ratio Lower Upper
97 100
99 65.7 52.3 78.5
61 44.4 35.0 52.4

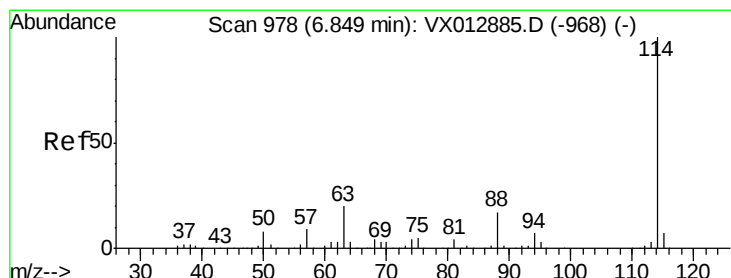
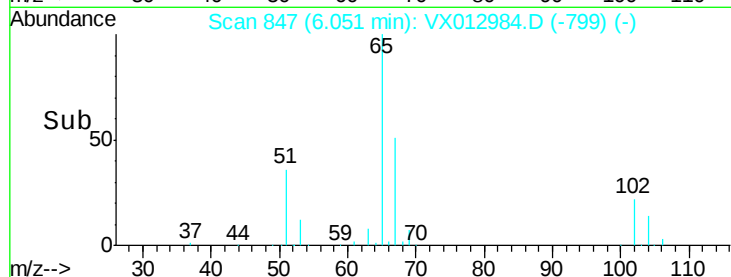
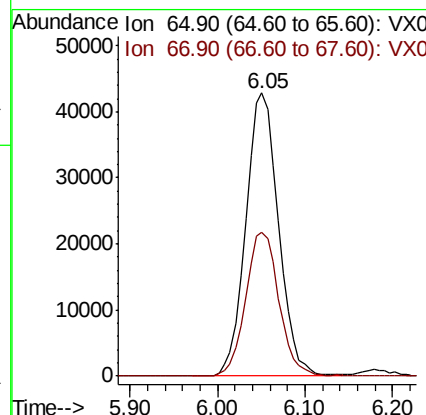
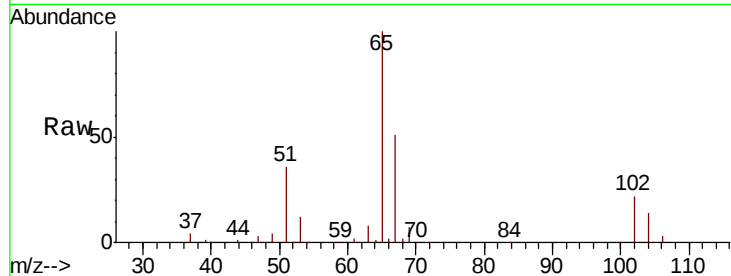




#33
 1,2-Dichloroethane-d4
 Concen: 48.762 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

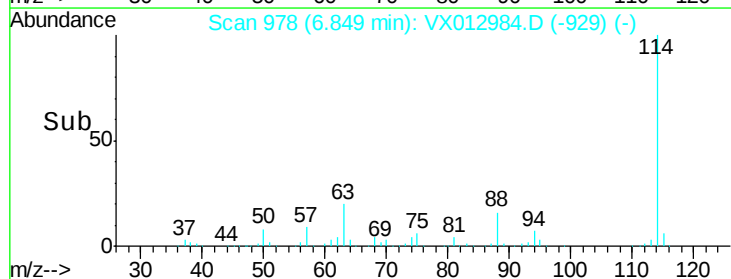
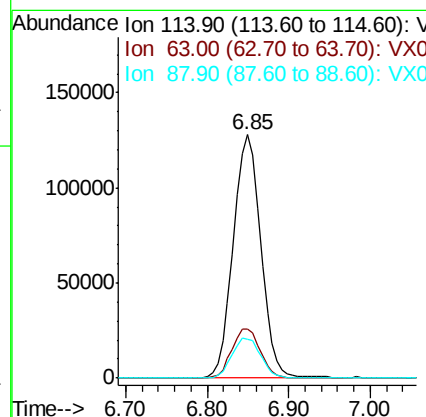
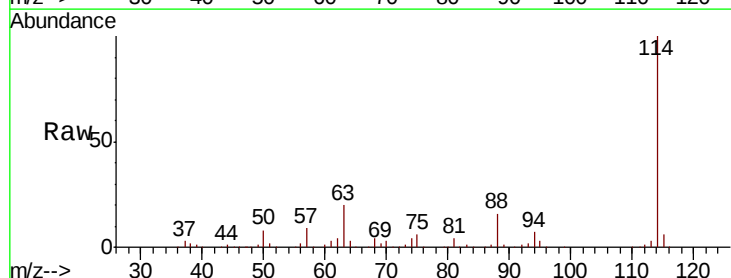
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

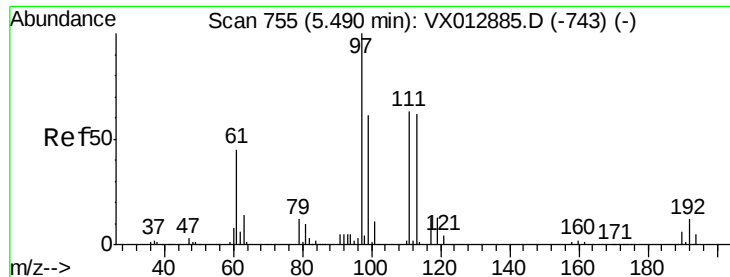
Tot Ion: 65 Resp: 111251
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion: 114 Resp: 299492
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.964 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

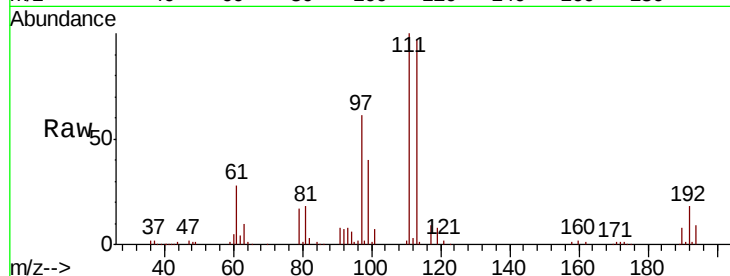
Tot Ion:113 Resp: 87604

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

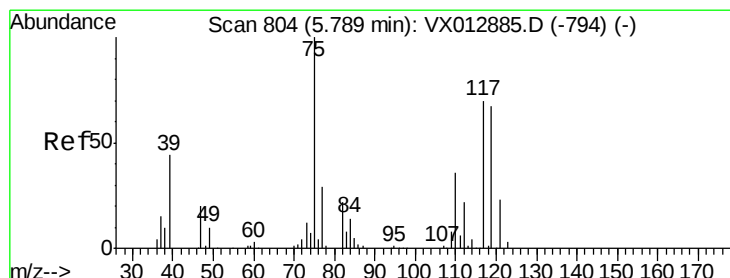
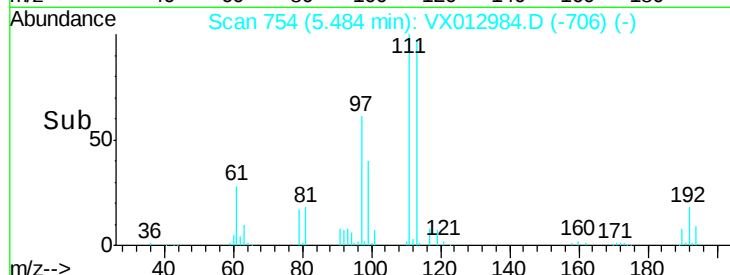
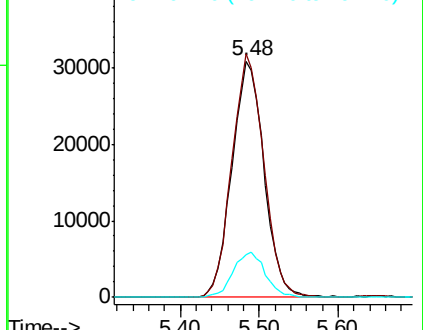
192 19.2 15.4 23.2



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: 20.441 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

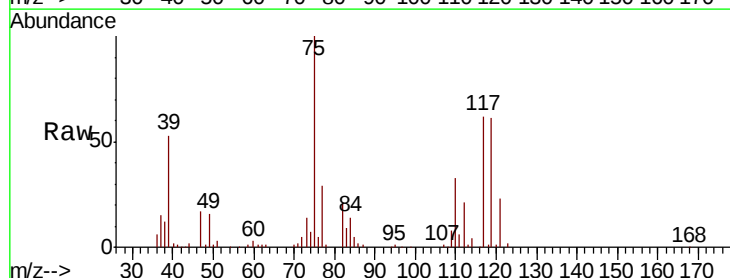
Tgt Ion: 75 Resp: 53823

Ion Ratio Lower Upper

75 100

110 36.5 17.6 52.9

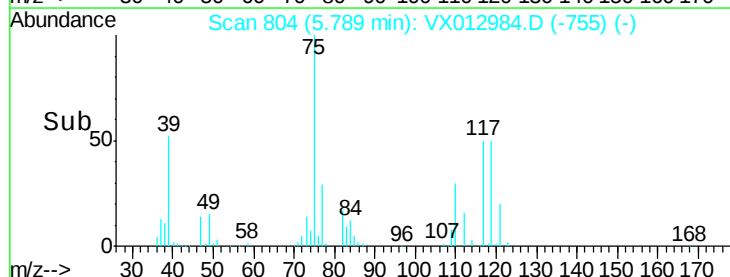
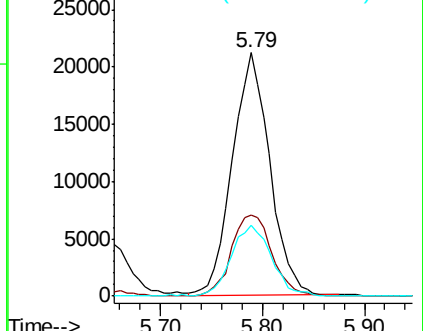
77 31.3 24.4 36.6

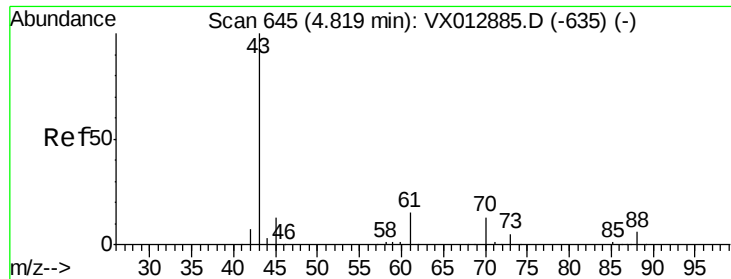


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

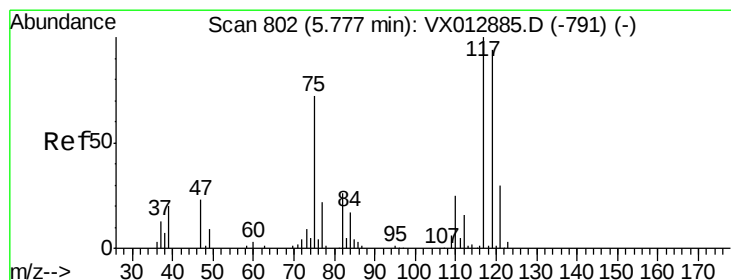
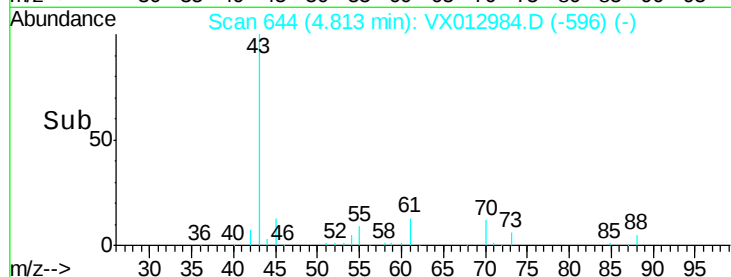
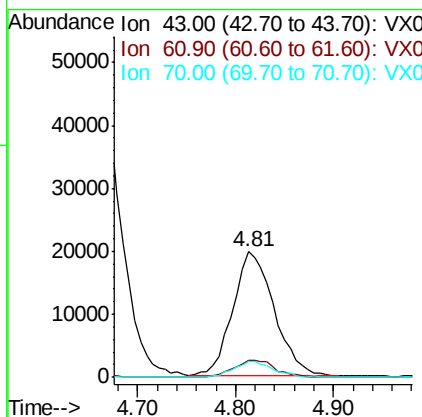
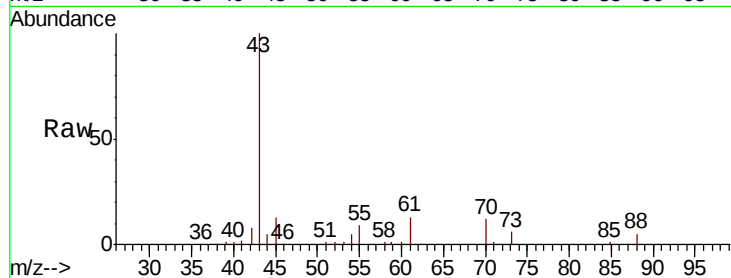




#37
Ethyl Acetate
Concen: 19.589 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

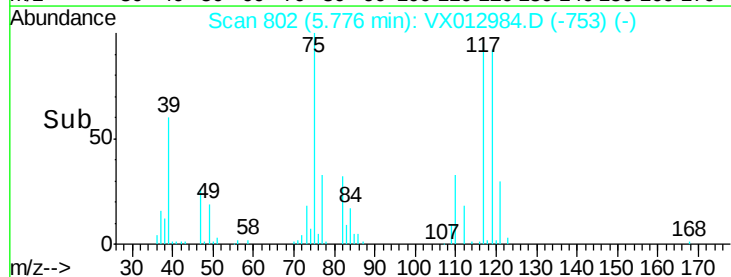
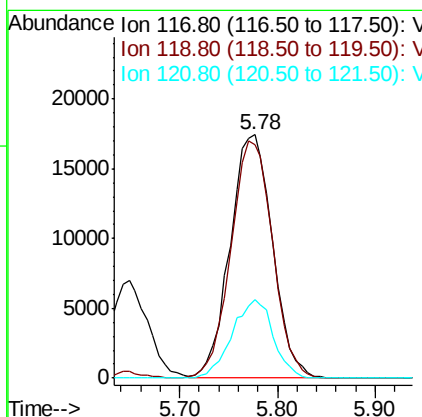
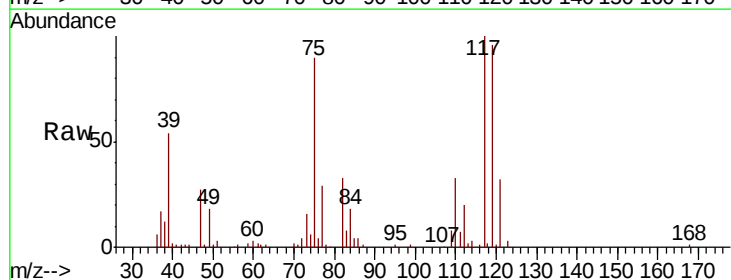
Instrument :
MSVOA_X
ClientSampled :
VX1010WBS01

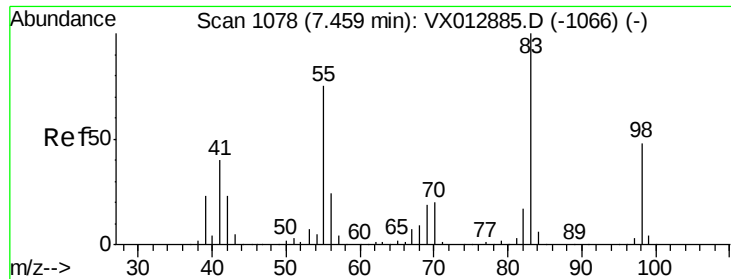
Tot Ion: 43 Resp: 57678
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 12.3 9.8 14.6



#38
Carbon Tetrachloride
Concen: 20.526 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 117 Resp: 52607
Ion Ratio Lower Upper
117 100
119 95.6 74.5 111.7
121 32.2 24.2 36.4

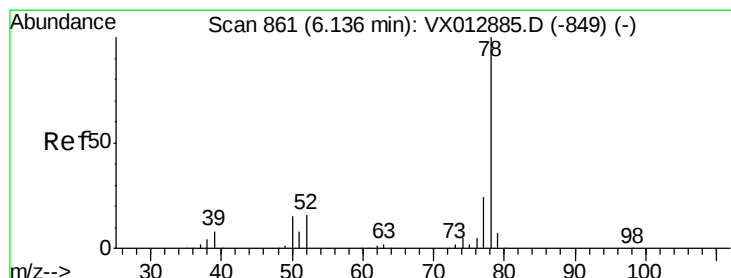
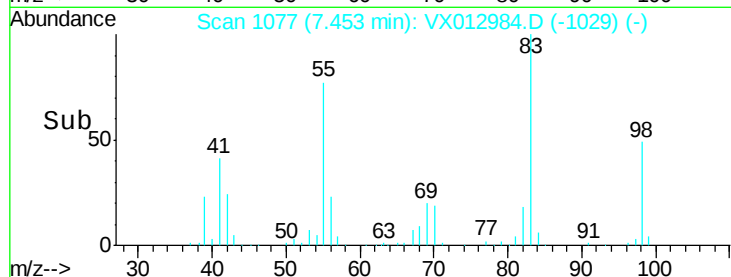
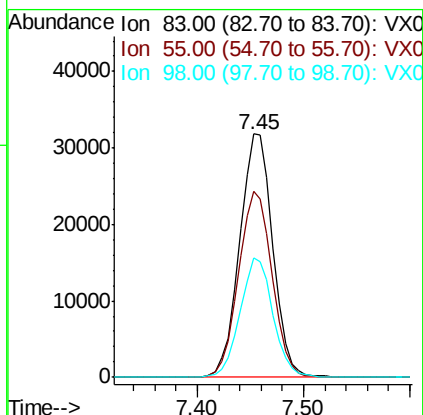
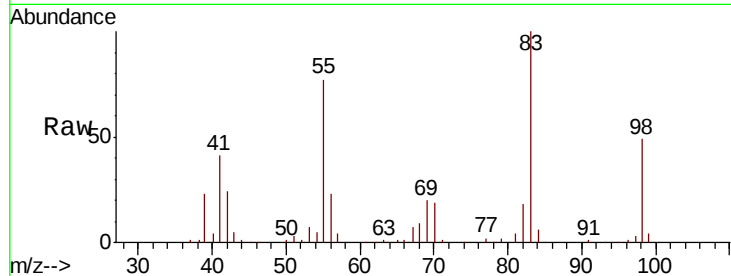




#39
Methvlcvclohexane
Concen: 21.806 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

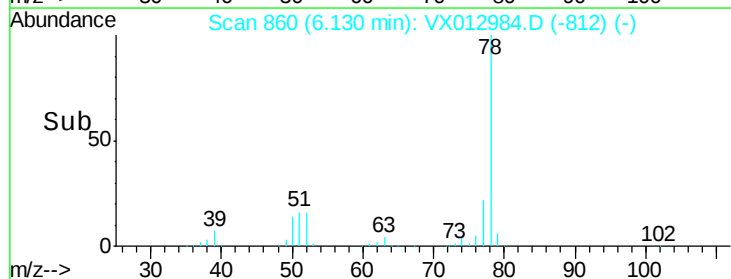
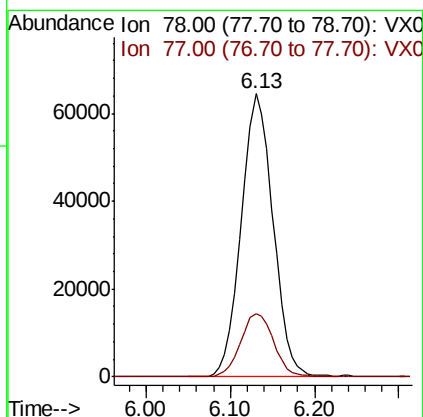
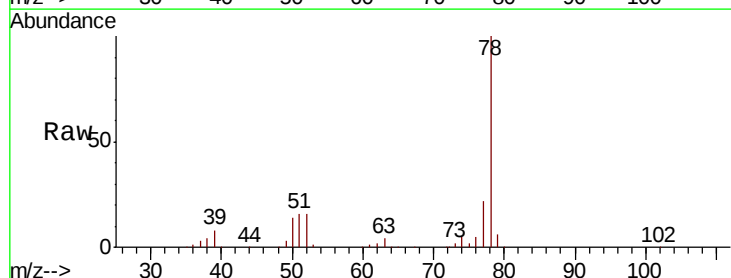
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

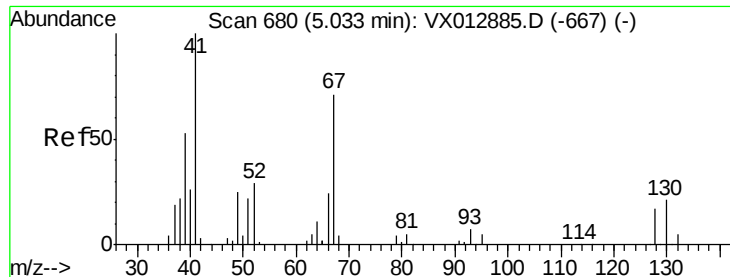
Tot Ion: 83 Resp: 69633
Ion Ratio Lower Upper
83 100
55 76.6 60.2 90.4
98 48.9 38.5 57.7



#40
Benzene
Concen: 21.133 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 78 Resp: 164350
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4





#41

Methacrylonitrile

Concen: 20.129 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 41 Resp: 32567

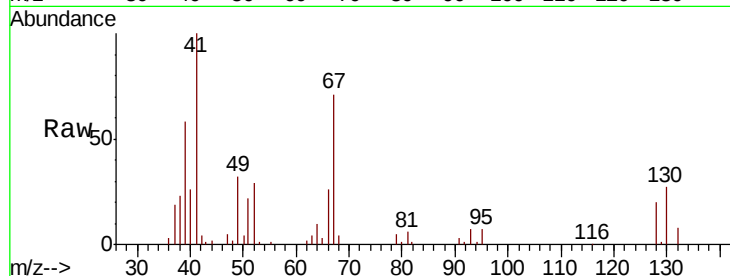
Ion Ratio Lower Upper

41 100

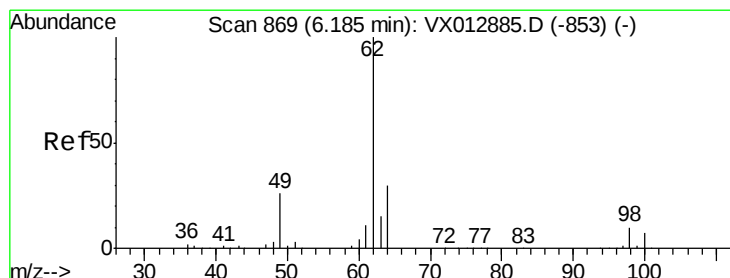
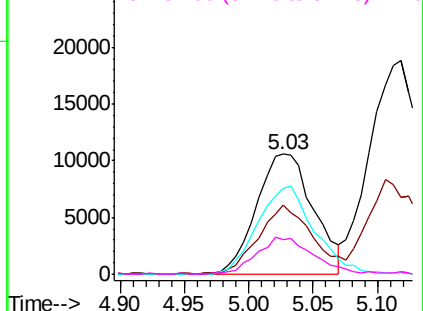
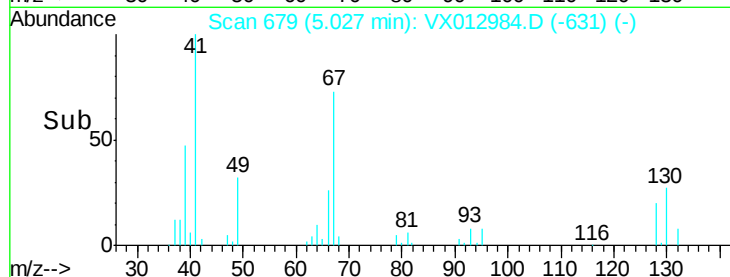
39 55.7 44.0 66.0

67 73.2 58.5 87.7

52 30.5 23.8 35.8



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



#42

1,2-Dichloroethane

Concen: 21.219 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012984.D

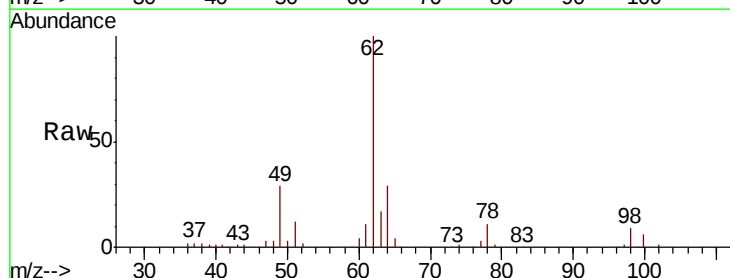
Acq: 10 Oct 2019 10:41

Tgt Ion: 62 Resp: 59214

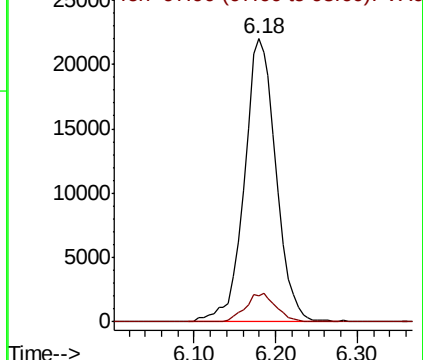
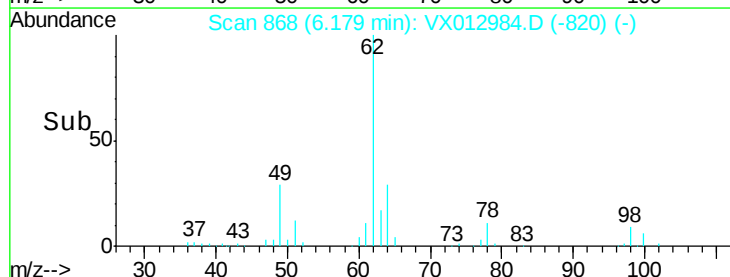
Ion Ratio Lower Upper

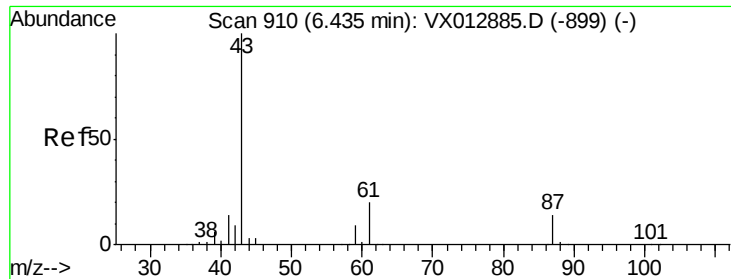
62 100

98 9.8 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 20.602 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

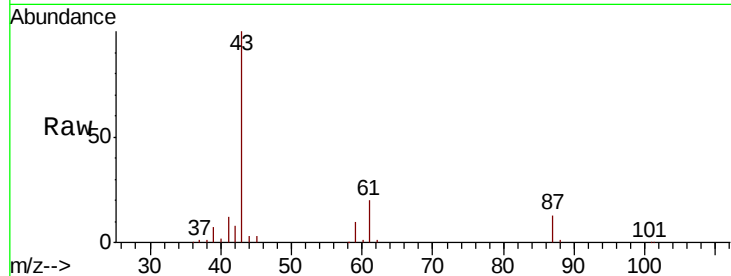
Tot Ion: 43 Resp: 97360

Ion Ratio Lower Upper

43 100

61 20.4 16.6 24.8

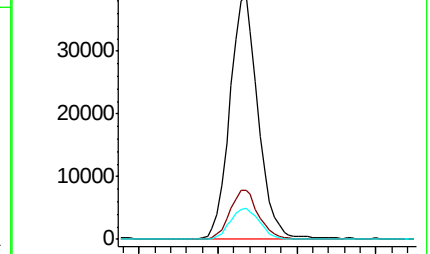
87 13.4 11.0 16.6



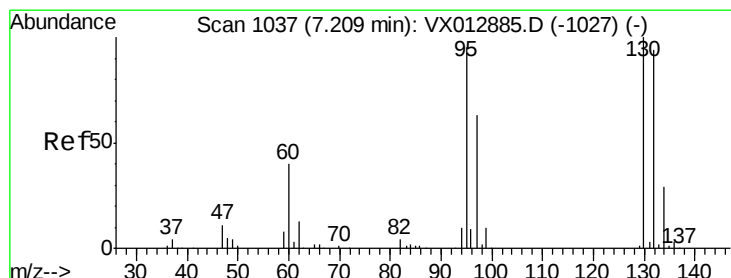
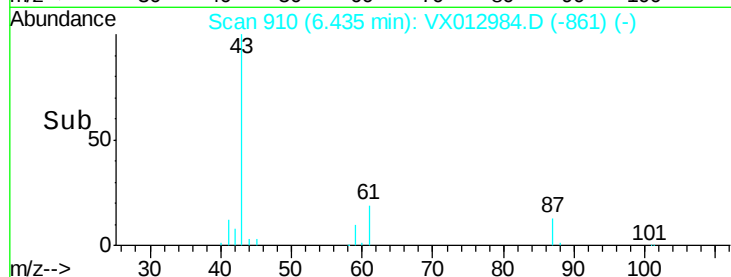
Abundance Ion 43.00 (42.70 to 43.70): VX012885.D (-899) (-)

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

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



Time-->



#44

Trichloroethene

Concen: 20.193 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012984.D

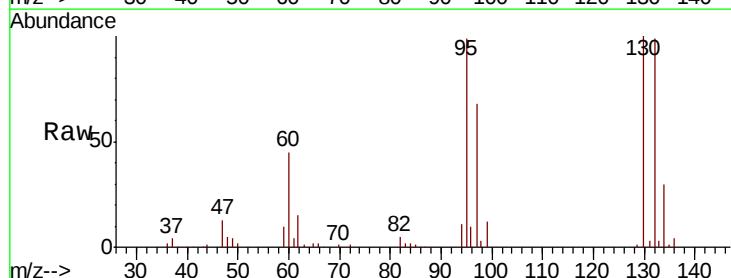
Acq: 10 Oct 2019 10:41

Tgt Ion: 130 Resp: 43547

Ion Ratio Lower Upper

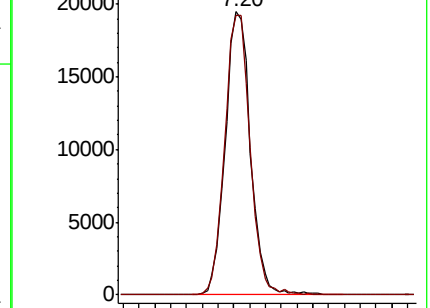
130 100

95 98.6 0.0 189.2

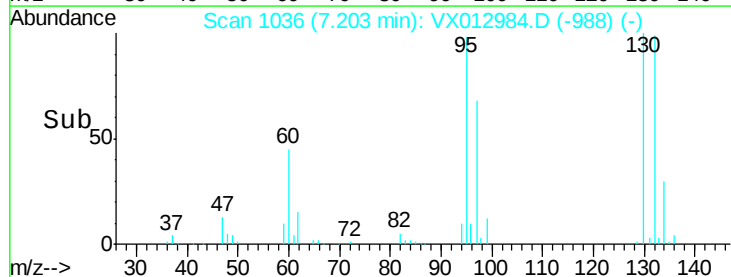


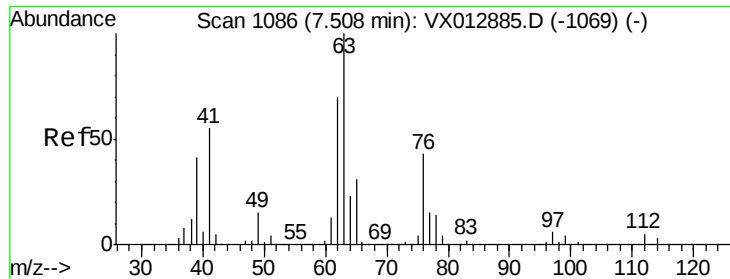
Abundance Ion 129.80 (129.50 to 130.50): VX012885.D (-1027) (-)

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



Time-->





#45

1,2-Dichloropropane

Concen: 21.254 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

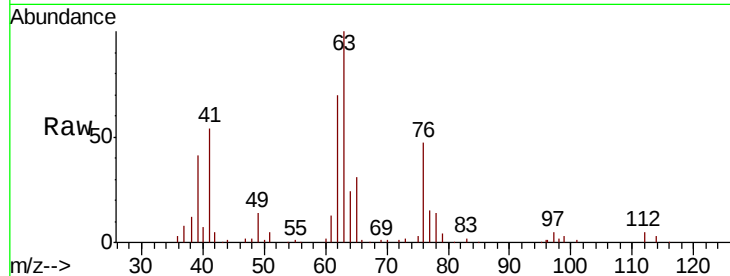
VX1010WBS01

Tot Ion: 63 Resp: 42128

Ion Ratio Lower Upper

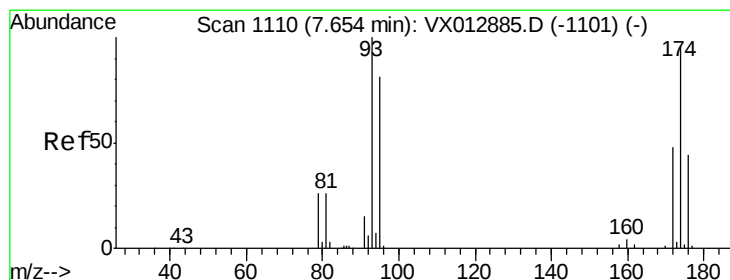
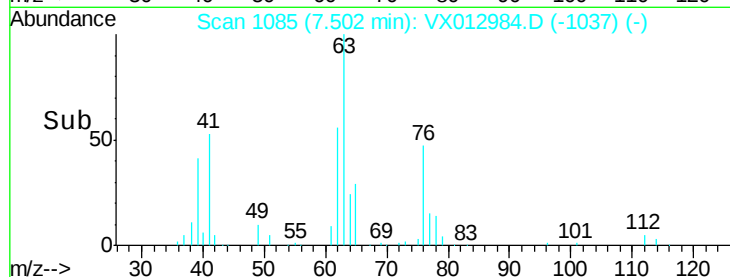
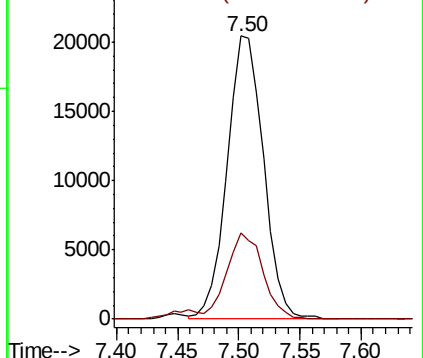
63 100

65 30.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.380 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

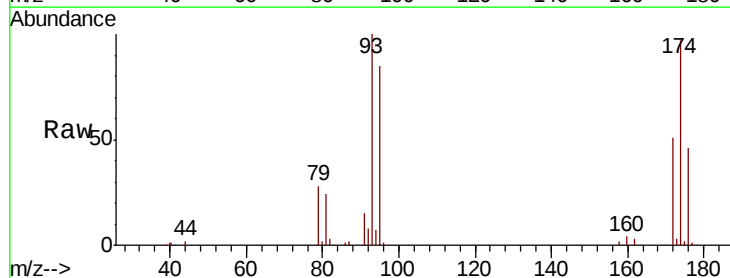
Tgt Ion: 93 Resp: 28234

Ion Ratio Lower Upper

93 100

95 79.4 66.3 99.5

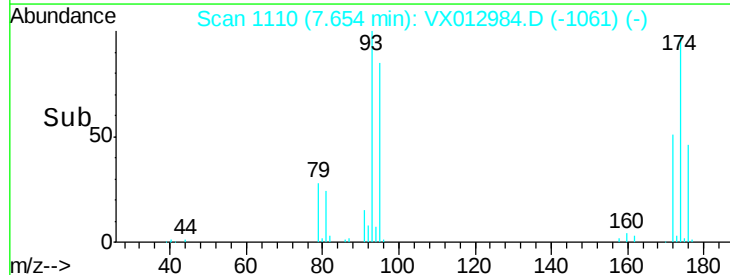
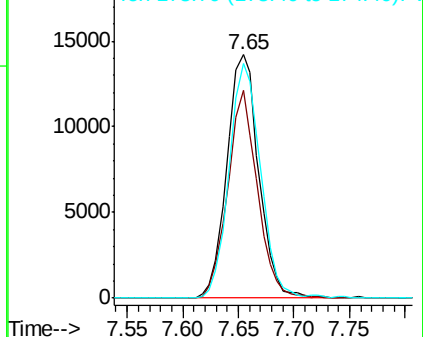
174 94.9 77.8 116.6

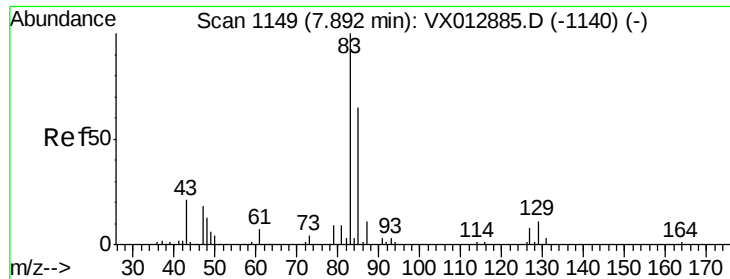


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.681 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

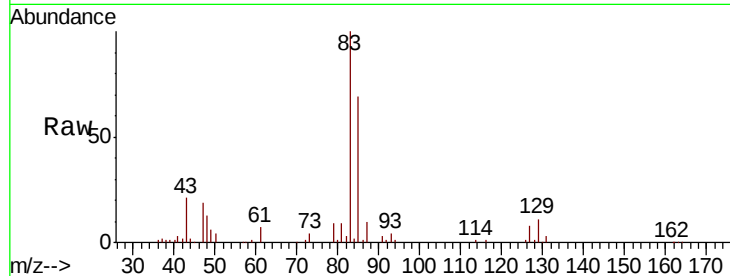
Tot Ion: 83 Resp: 53298

Ion Ratio Lower Upper

83 100

85 68.7 52.4 78.6

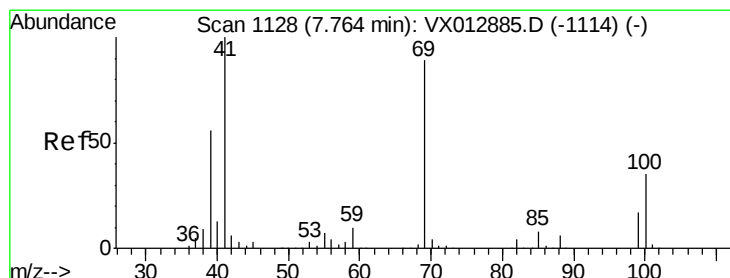
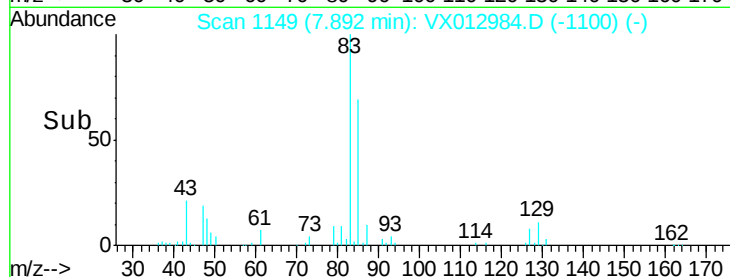
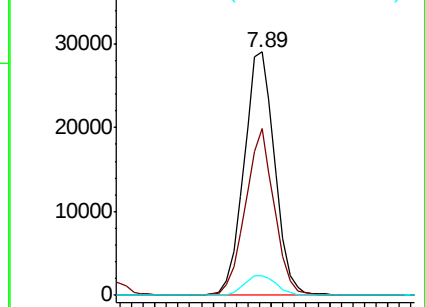
127 7.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.117 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

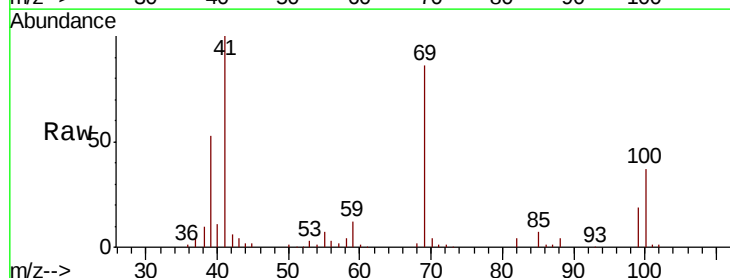
Tgt Ion: 41 Resp: 46328

Ion Ratio Lower Upper

41 100

69 84.8 68.7 103.1

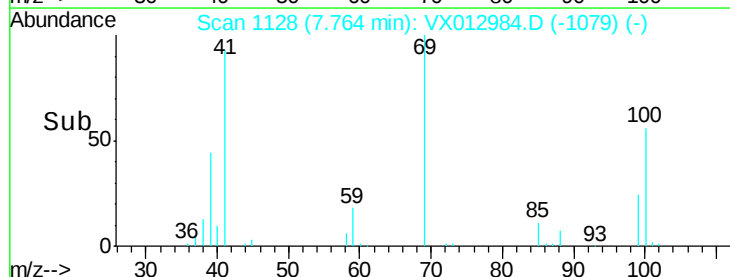
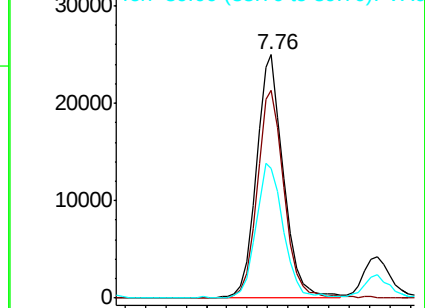
39 56.0 44.3 66.5

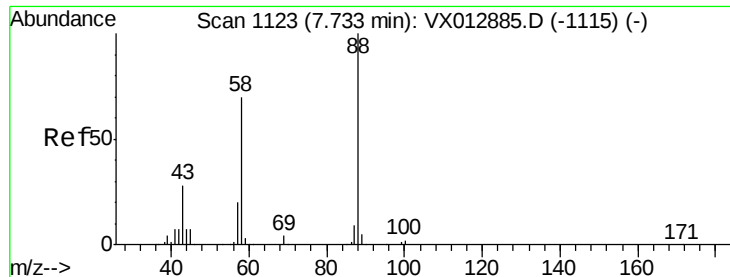


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 382.044 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

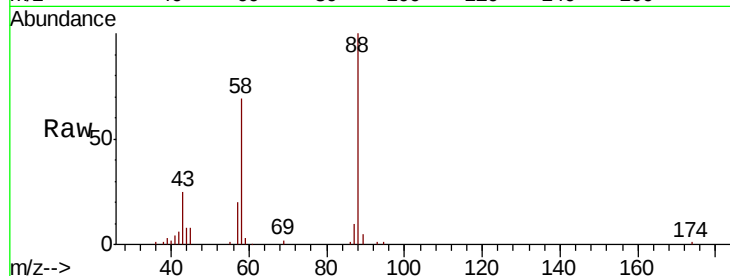
Tot Ion: 88 Resp: 22222

Ion Ratio Lower Upper

88 100

43 32.3 25.0 37.6

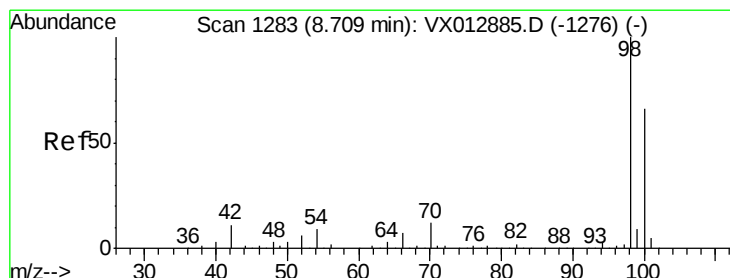
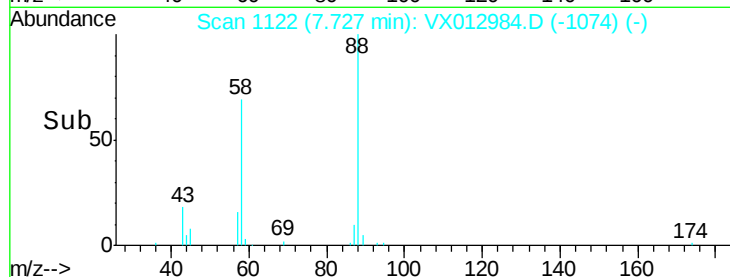
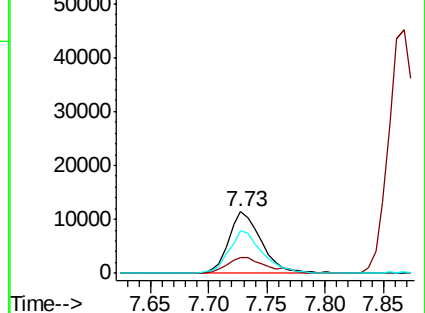
58 71.4 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.108 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012984.D

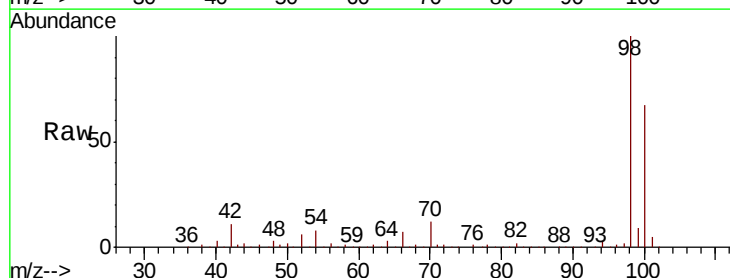
Acq: 10 Oct 2019 10:41

Tgt Ion: 98 Resp: 335934

Ion Ratio Lower Upper

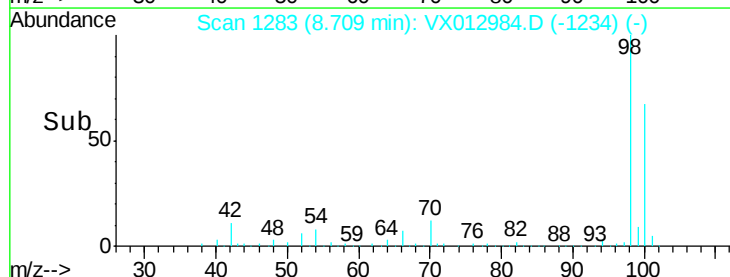
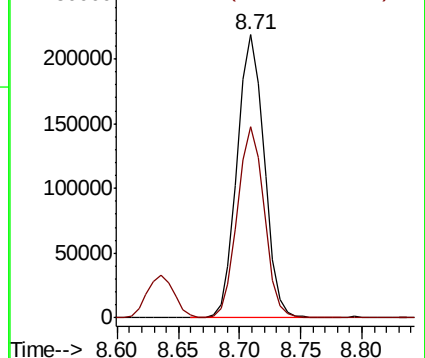
98 100

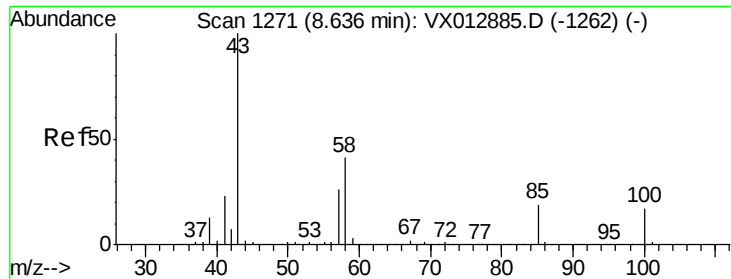
100 66.9 53.4 80.2



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: 102.292 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

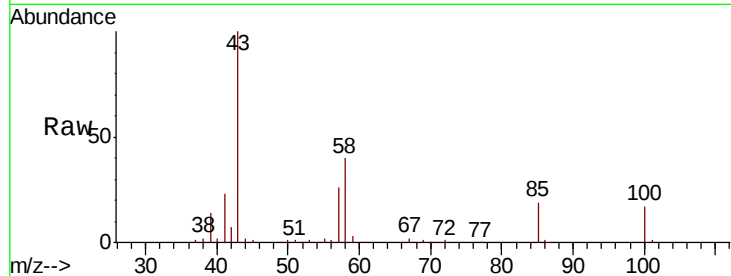
VX1010WBS01

Tot Ion: 43 Resp: 301396

Ion Ratio Lower Upper

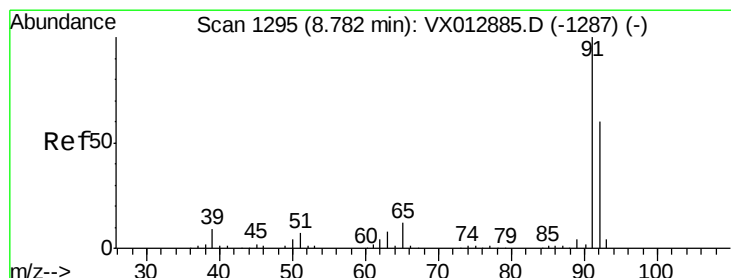
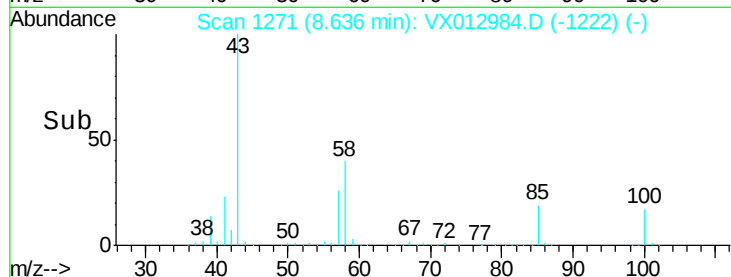
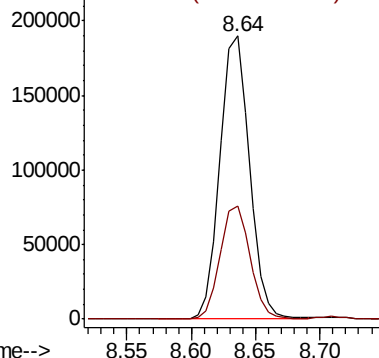
43 100

58 40.5 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.378 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012984.D

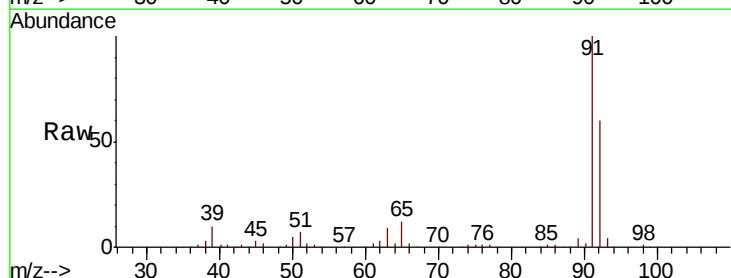
Acq: 10 Oct 2019 10:41

Tgt Ion: 92 Resp: 106365

Ion Ratio Lower Upper

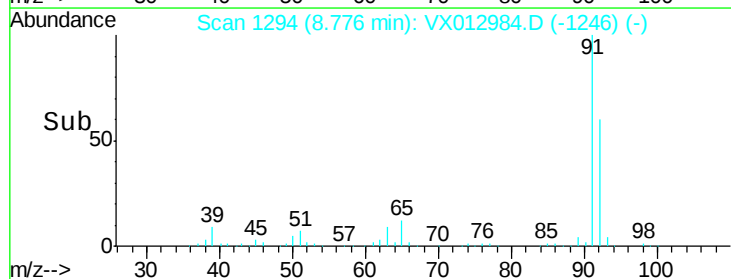
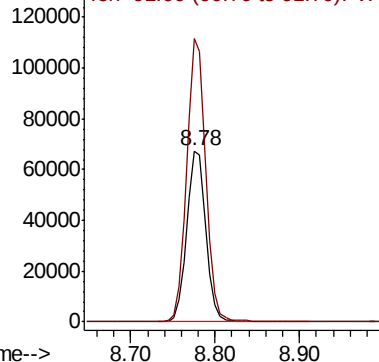
92 100

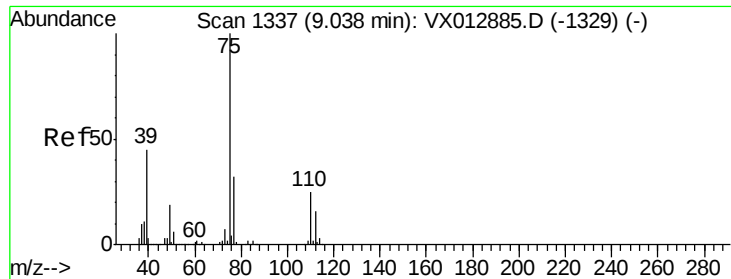
91 164.1 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

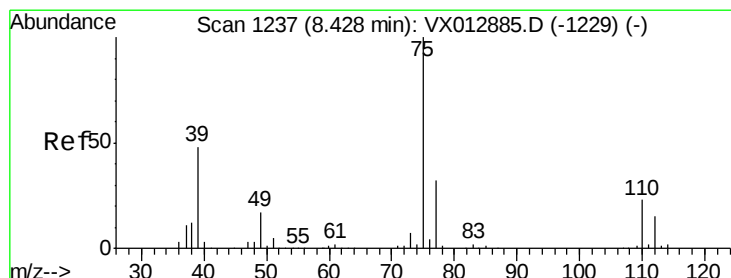
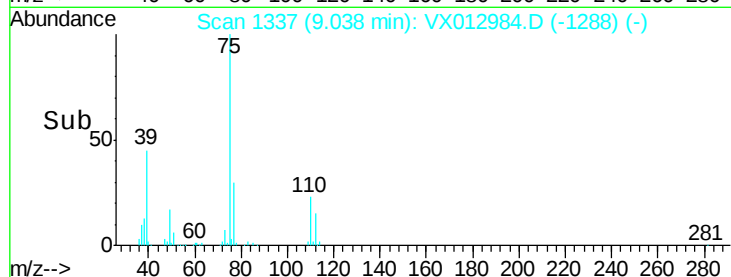
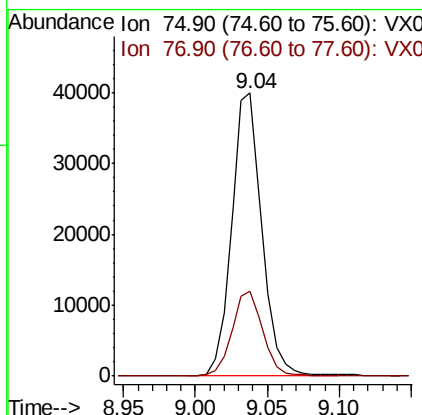
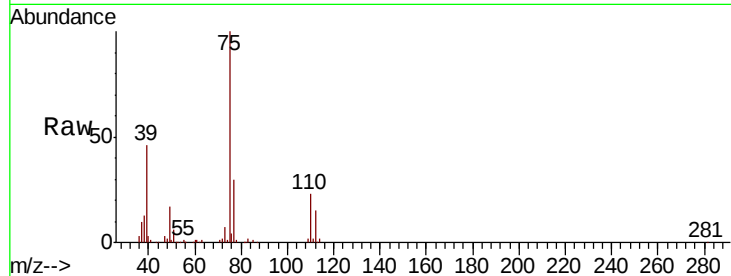




#53
 t-1,3-Dichloropropene
 Concen: 19.526 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

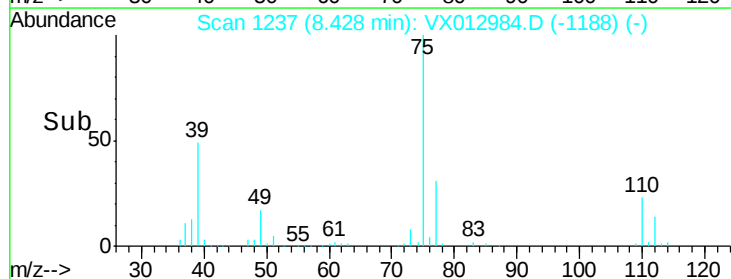
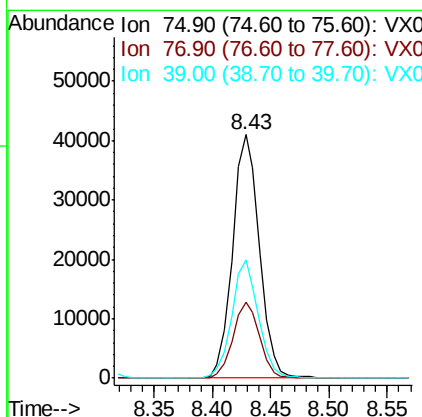
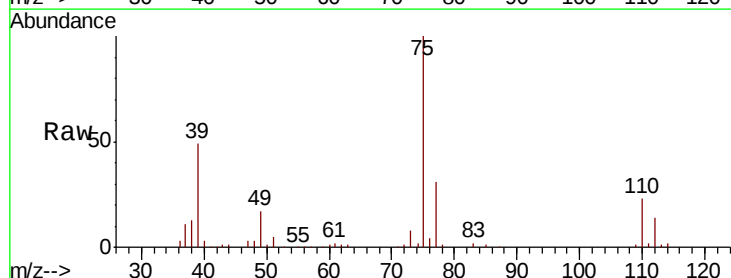
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

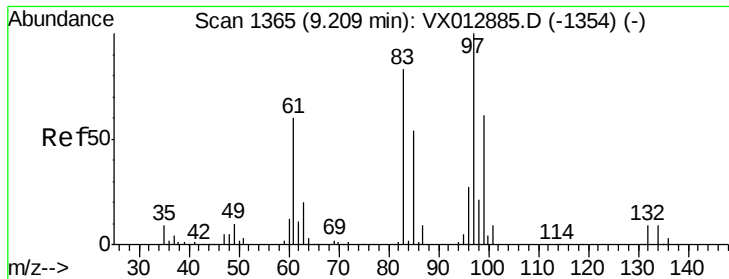
Tot Ion: 75 Resp: 58354
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.727 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion: 75 Resp: 65698
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 48.5 38.2 57.2

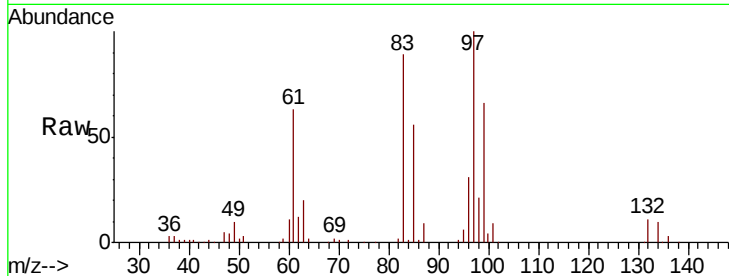




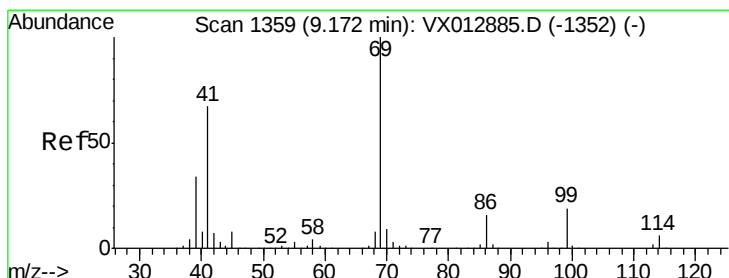
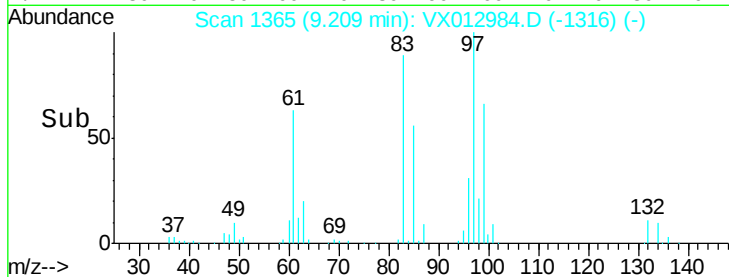
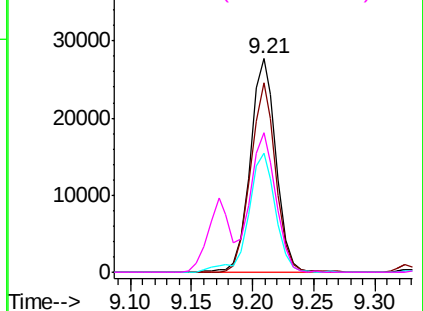
#55
 1,1,2-Trichloroethane
 Concen: 20.626 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion:	97	Resp:	40612
Ion	Ratio	Lower	Upper
97	100		
83	89.0	66.5	99.7
85	55.6	43.1	64.7
99	65.3	49.2	73.8

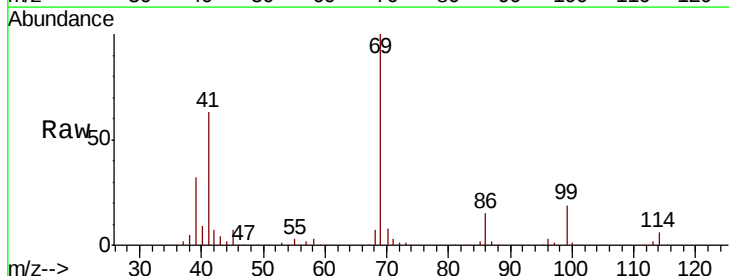


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

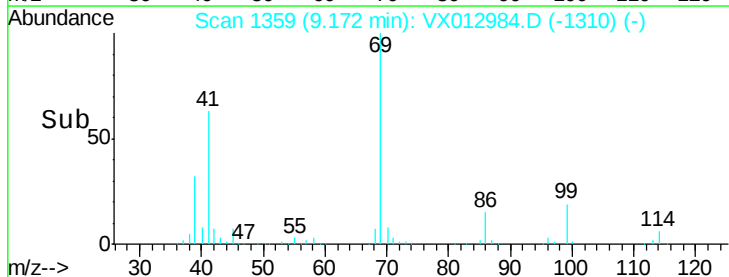
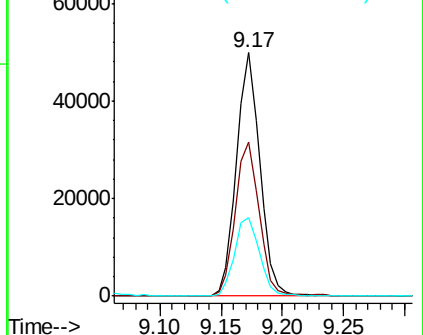


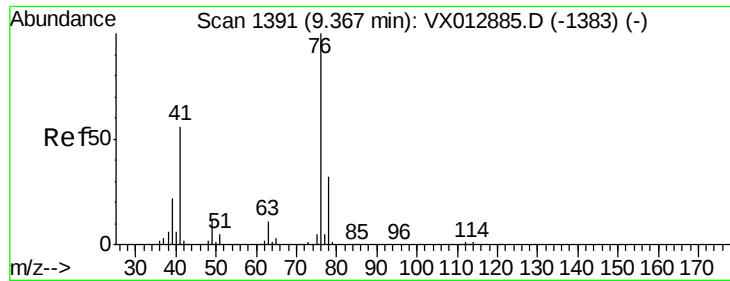
#56
 Ethyl methacrylate
 Concen: 19.982 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion:	69	Resp:	66428
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.1	78.1
39	33.8	27.8	41.8



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





#57

1,3-Dichloropropane

Concen: 20.977 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampled :

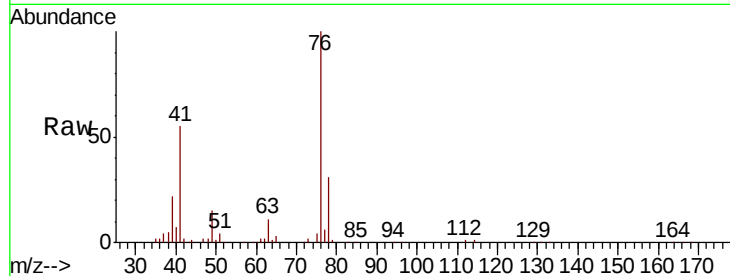
VX1010WBS01

Tot Ion: 76 Resp: 71446

Ion Ratio Lower Upper

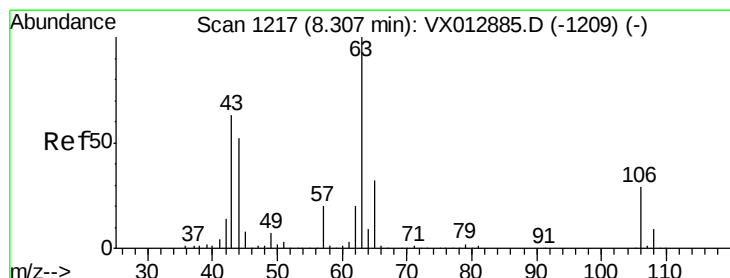
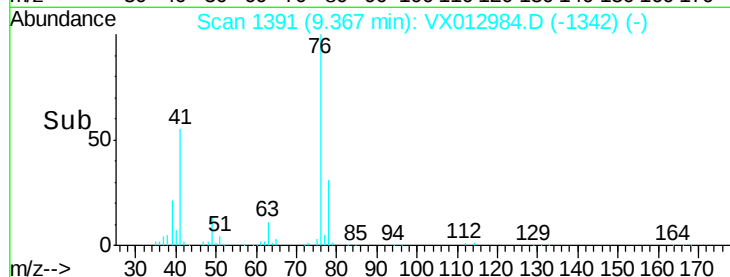
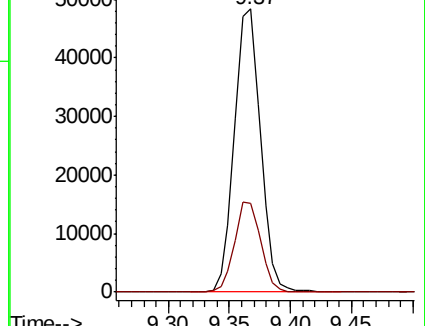
76 100

78 31.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.322 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012984.D

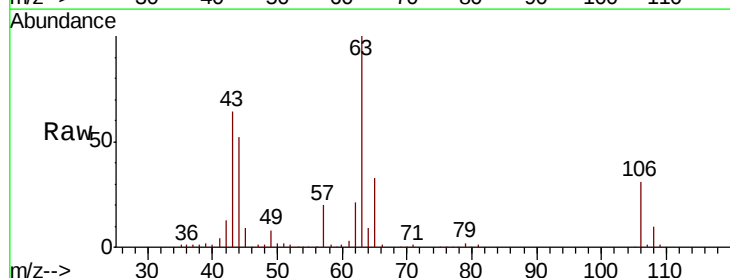
Acq: 10 Oct 2019 10:41

Tgt Ion: 63 Resp: 140773

Ion Ratio Lower Upper

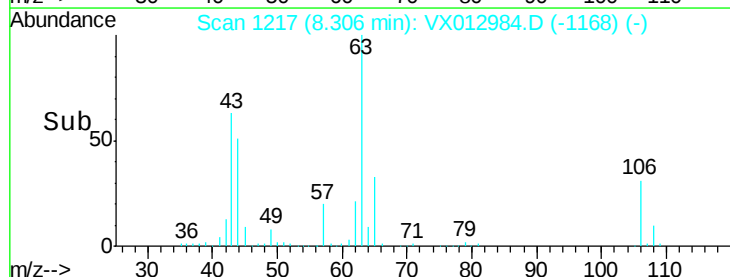
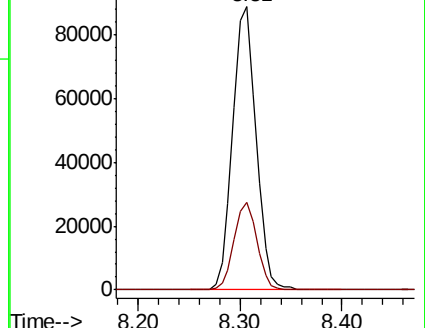
63 100

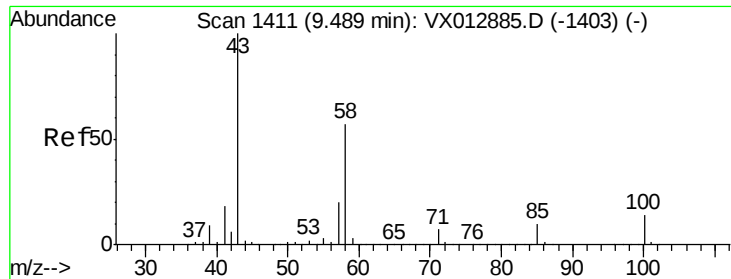
106 30.4 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

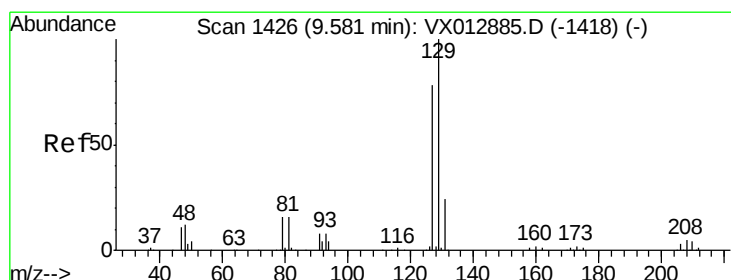
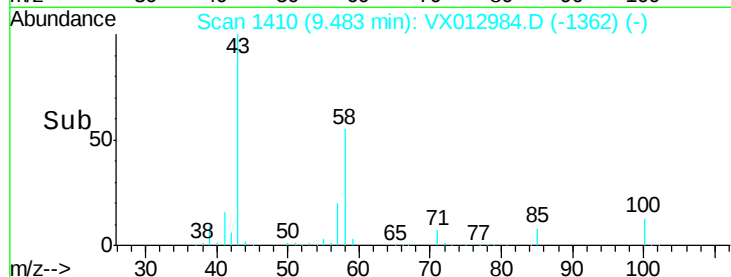
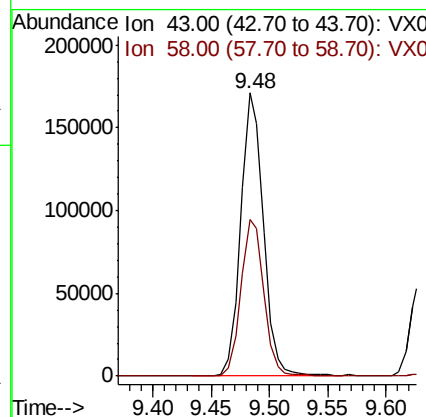
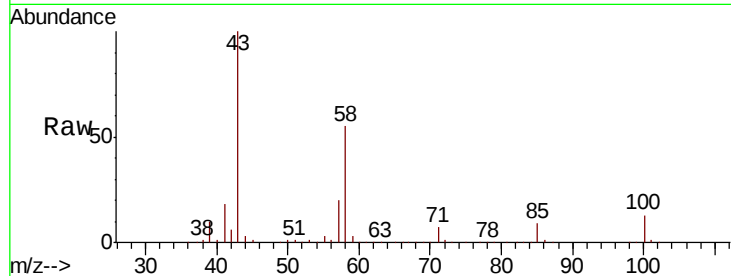




#59
2-Hexanone
Concen: 101.591 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

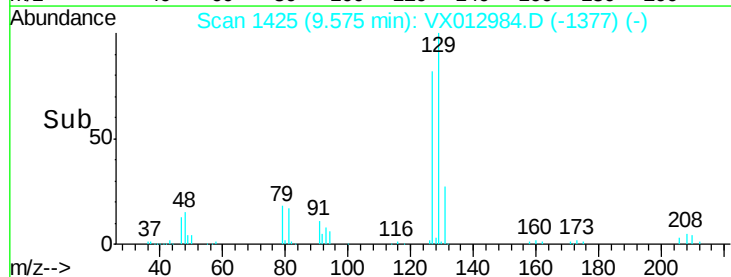
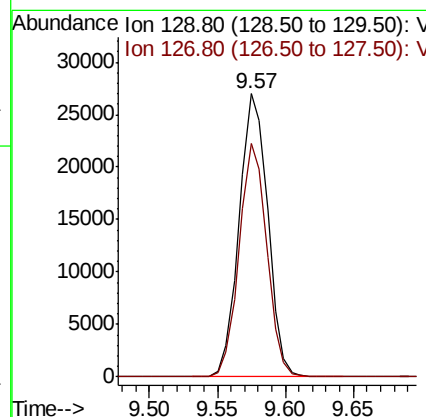
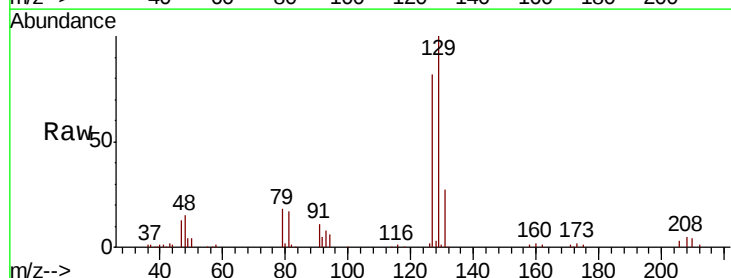
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

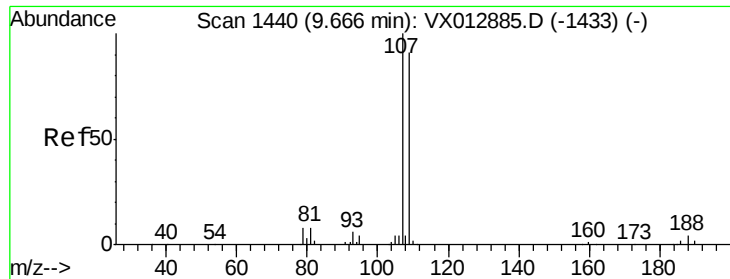
Tot Ion: 43 Resp: 233009
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.3



#60
Dibromochloromethane
Concen: 19.223 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion:129 Resp: 39519
Ion Ratio Lower Upper
129 100
127 79.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.755 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

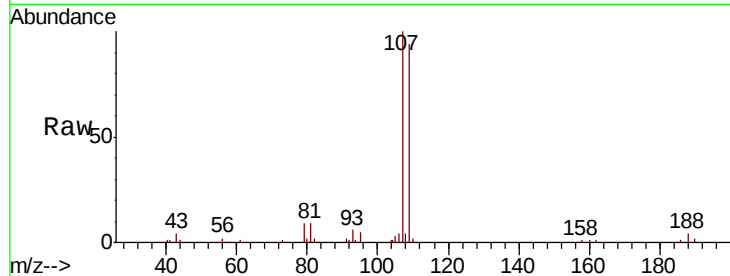
VX1010WBS01

Tot Ion:107 Resp: 42989

Ion Ratio Lower Upper

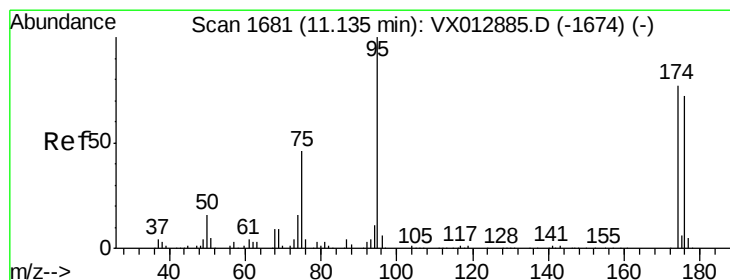
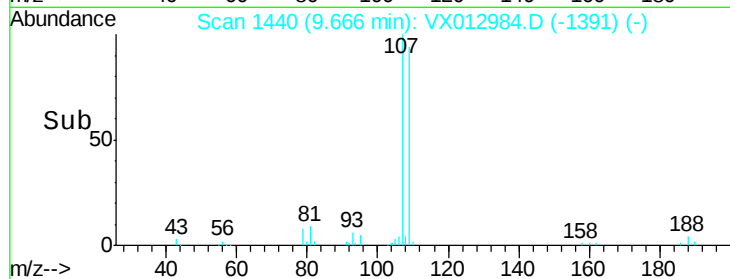
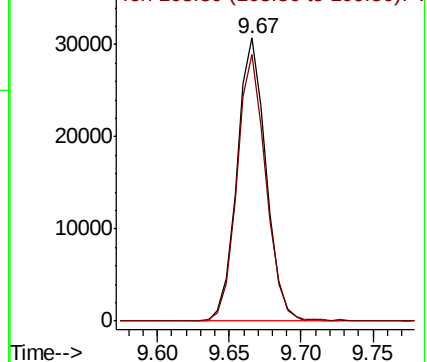
107 100

109 94.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.129 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

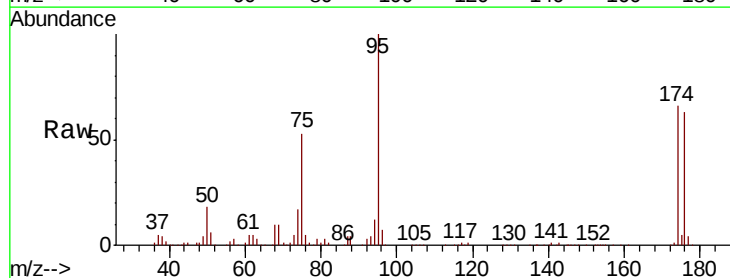
Tgt Ion: 95 Resp: 130585

Ion Ratio Lower Upper

95 100

174 71.5 0.0 143.4

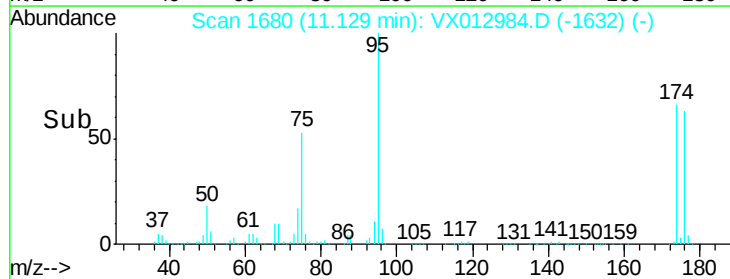
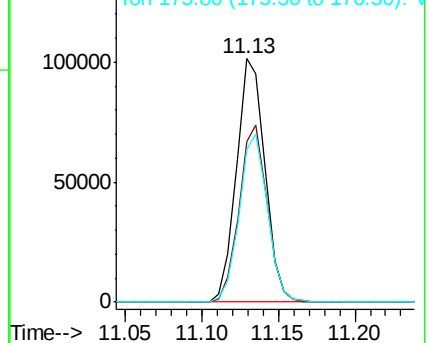
176 68.2 0.0 136.0

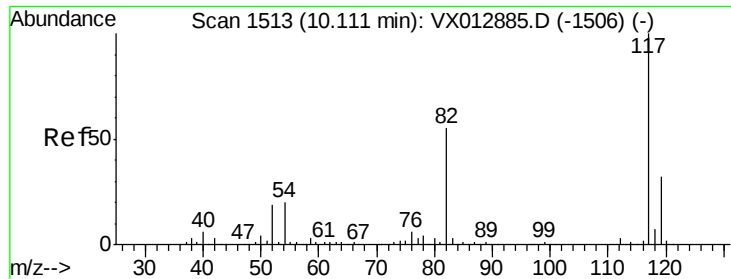


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

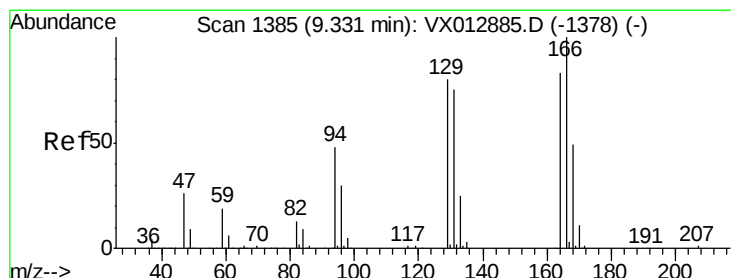
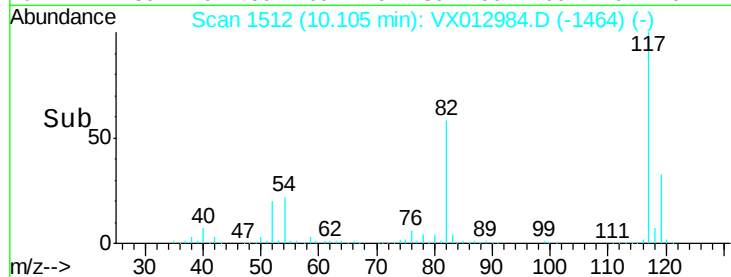
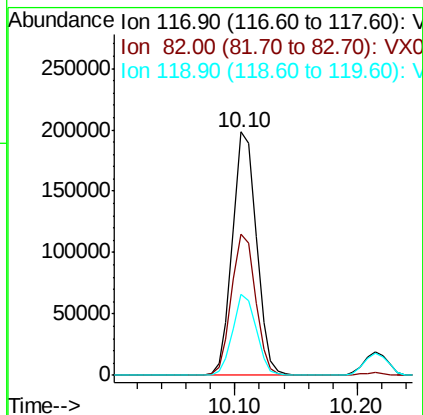
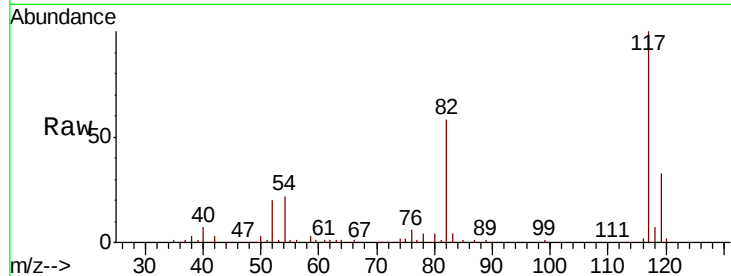




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

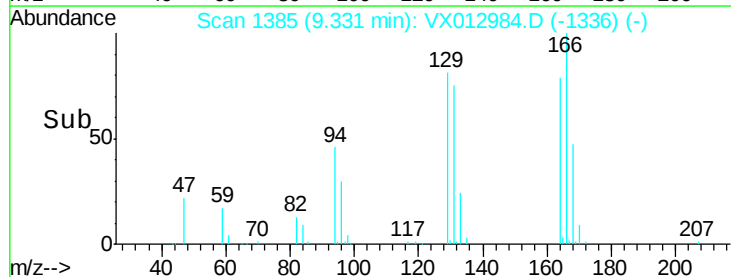
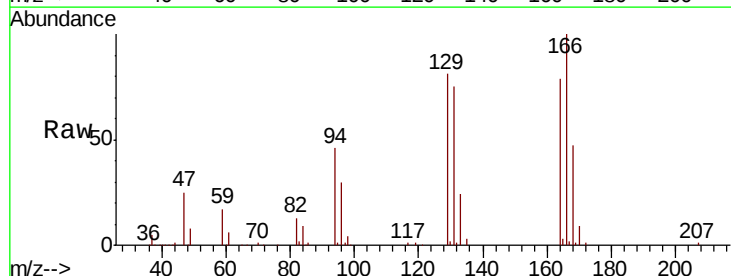
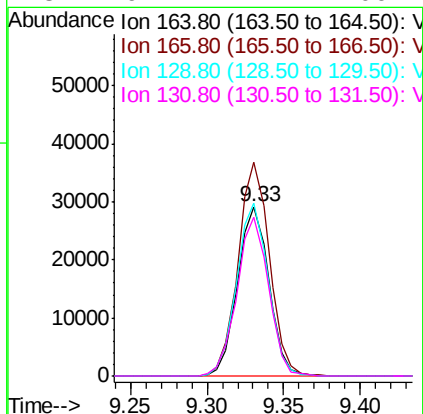
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

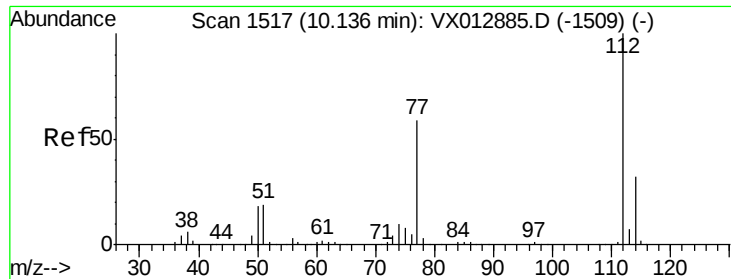
Tot Ion:117 Resp: 269537
Ion Ratio Lower Upper
117 100
82 58.3 44.1 66.1
119 33.3 25.8 38.8



#64
Tetrachloroethene
Concen: 22.307 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion:164 Resp: 41704
Ion Ratio Lower Upper
164 100
166 126.2 96.9 145.3
129 102.1 77.9 116.9
131 94.1 72.7 109.1

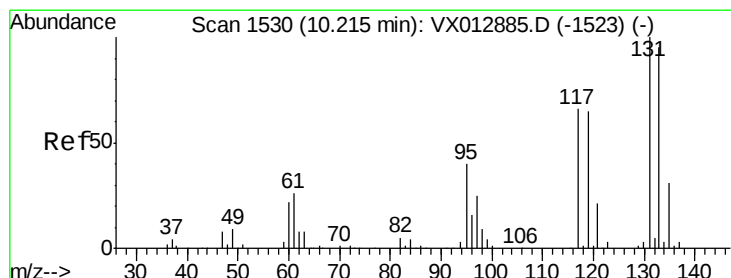
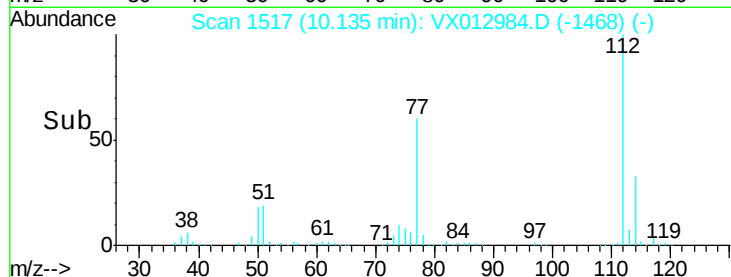
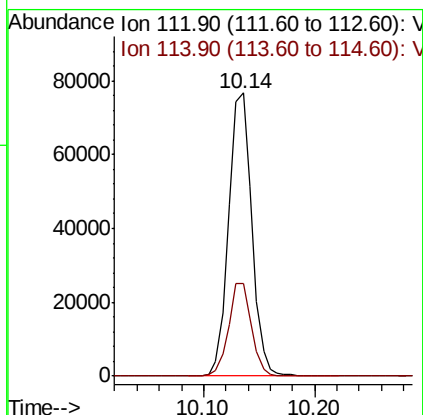
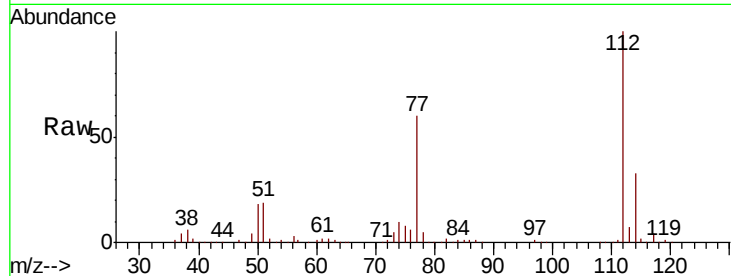




#65
Chlorobenzene
Concen: 20.643 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

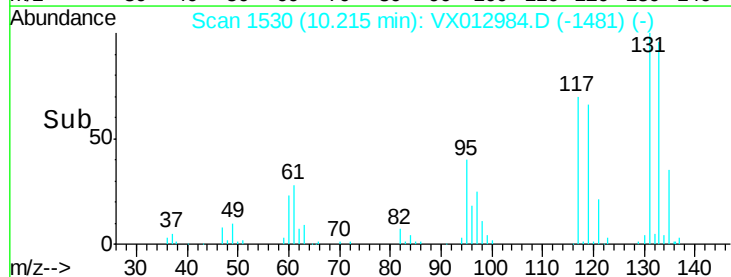
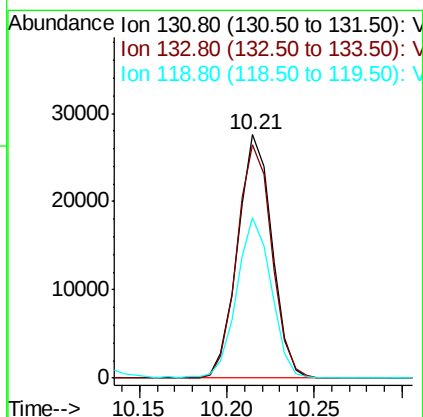
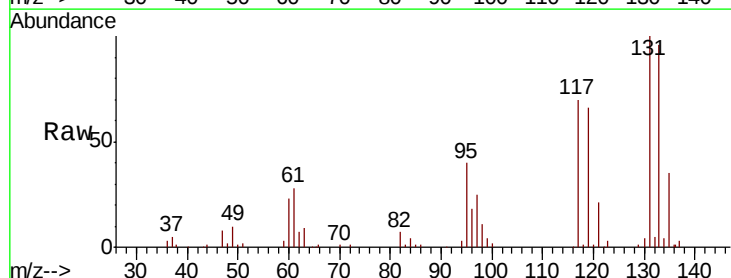
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

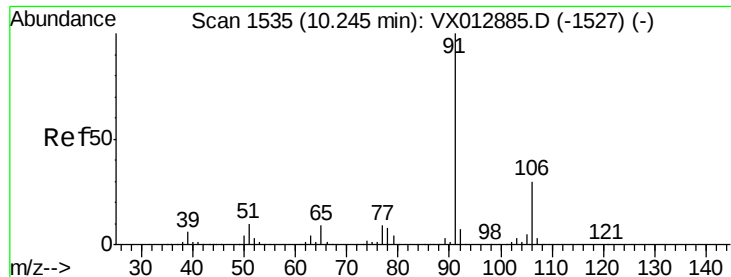
Tot Ion:112 Resp: 110492
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.301 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion:131 Resp: 37676
Ion Ratio Lower Upper
131 100
133 97.3 47.2 141.6
119 66.3 32.6 98.0

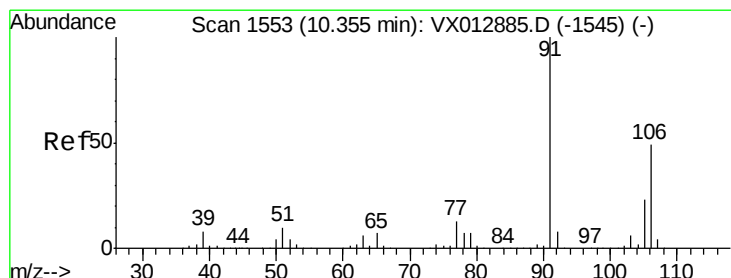
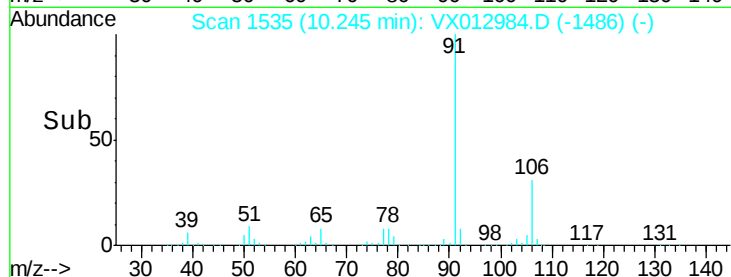
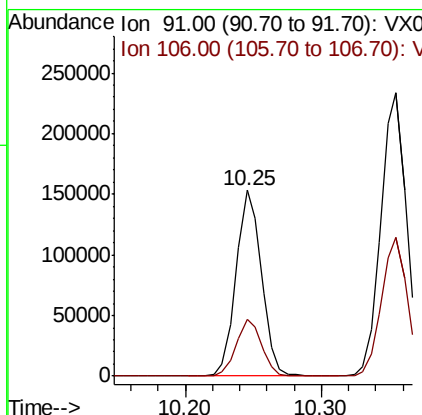
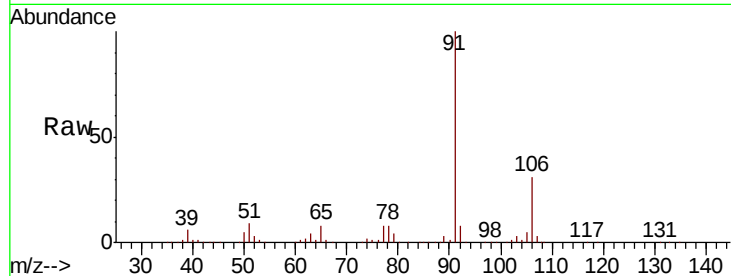




#67
Ethyl Benzene
Concen: 21.014 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

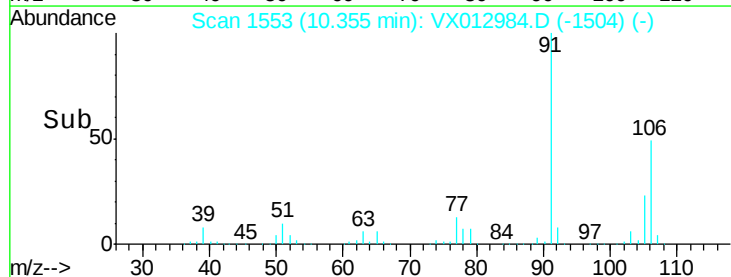
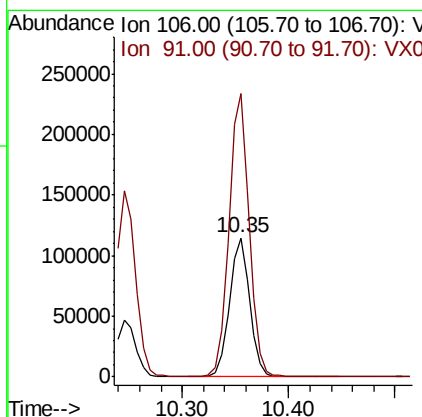
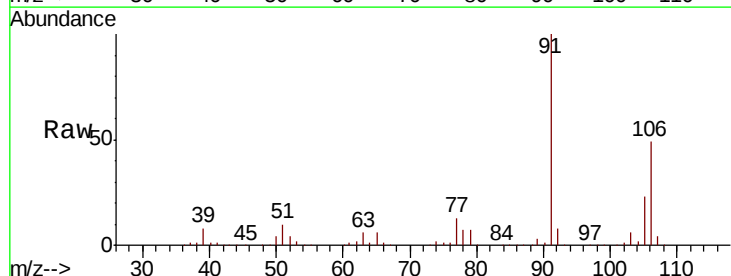
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

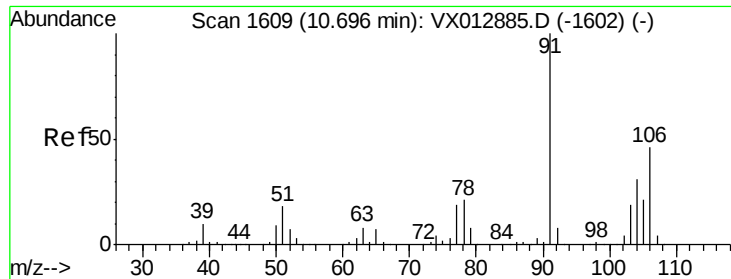
Tot Ion: 91 Resp: 199799
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9



#68
m/p-Xylenes
Concen: 42.879 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 106 Resp: 152301
Ion Ratio Lower Upper
106 100
91 203.6 165.3 247.9

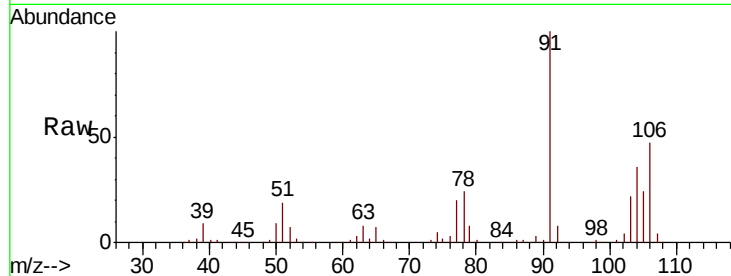




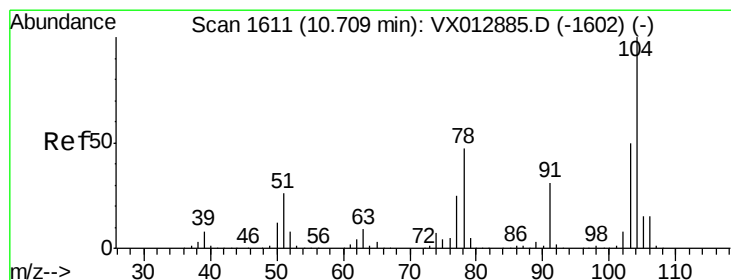
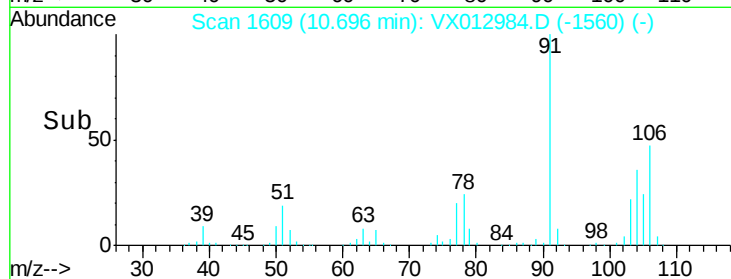
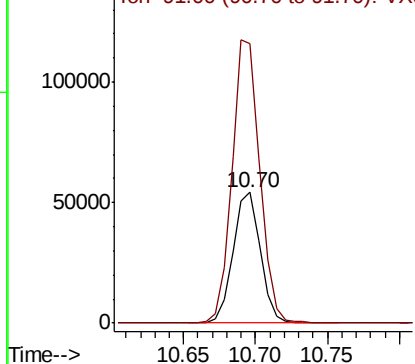
#69
o-Xylene
Concen: 20.775 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampled :
VX1010WBS01

Tot Ion:106 Resp: 71961
Ion Ratio Lower Upper
106 100
91 221.1 109.1 327.3

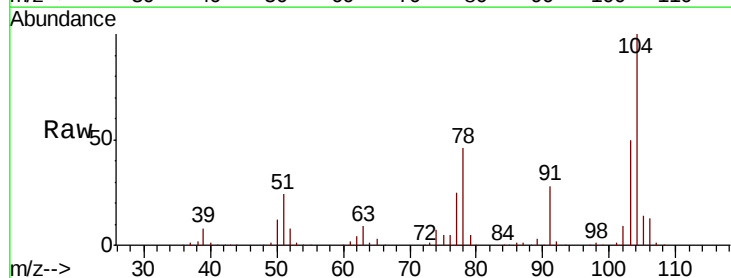


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

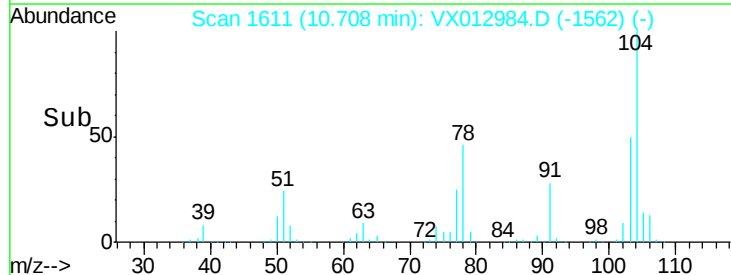
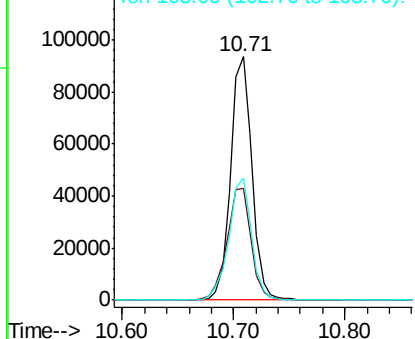


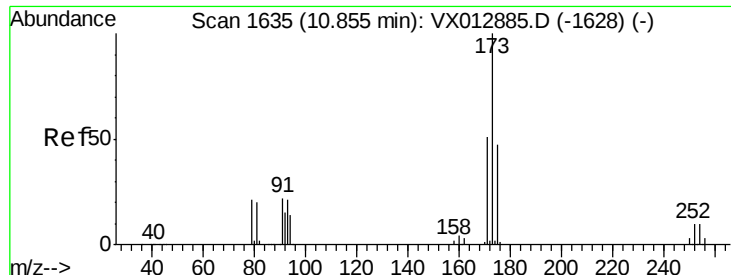
#70
Styrene
Concen: 21.042 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion:104 Resp: 123905
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 53.6 43.0 64.4



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





#71

Bromoform

Concen: 18.227 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

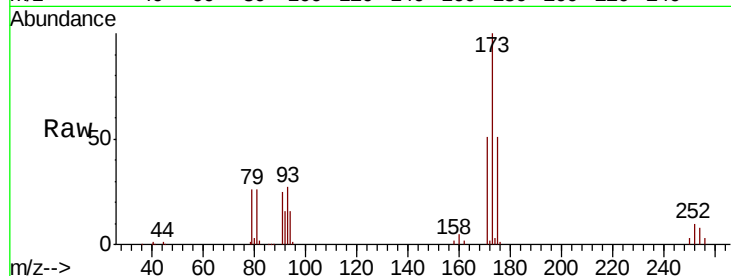
Tot Ion:173 Resp: 25459

Ion Ratio Lower Upper

173 100

175 50.2 24.1 72.3

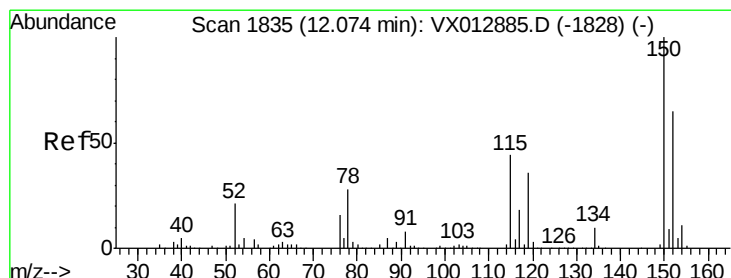
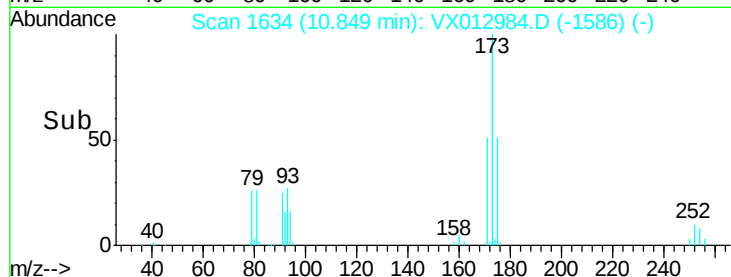
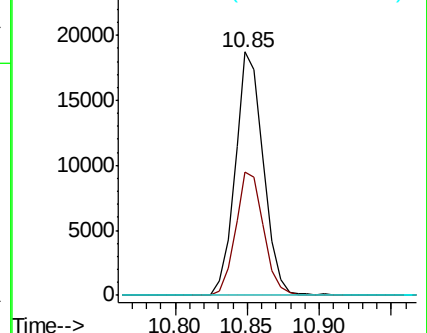
254 0.0 0.1 0.1#



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: VX012984.D

Acq: 10 Oct 2019 10:41

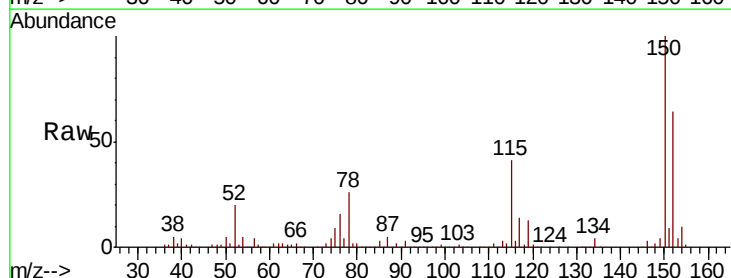
Tgt Ion:152 Resp: 127207

Ion Ratio Lower Upper

152 100

115 73.8 44.5 133.5

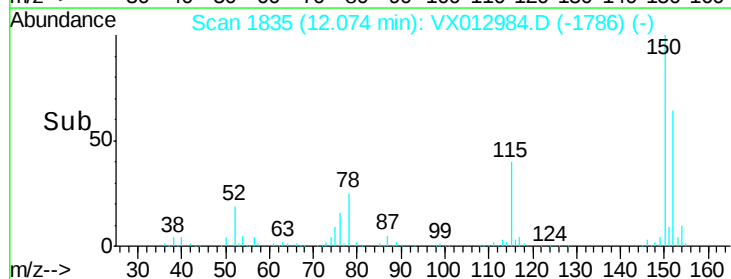
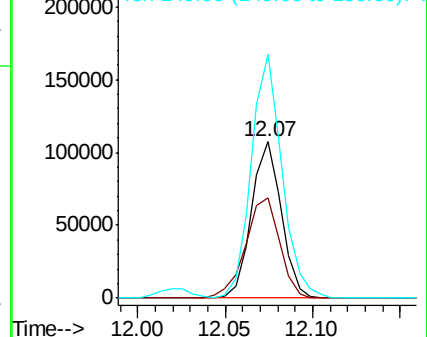
150 161.1 0.0 353.4

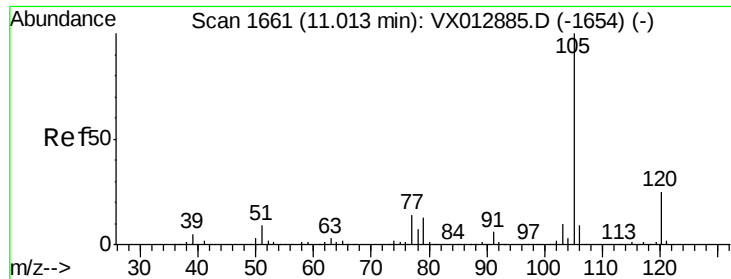


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.183 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampled :

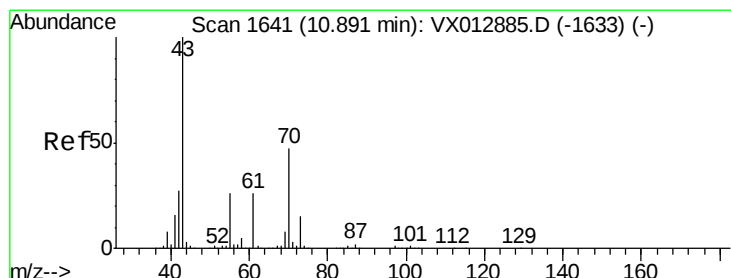
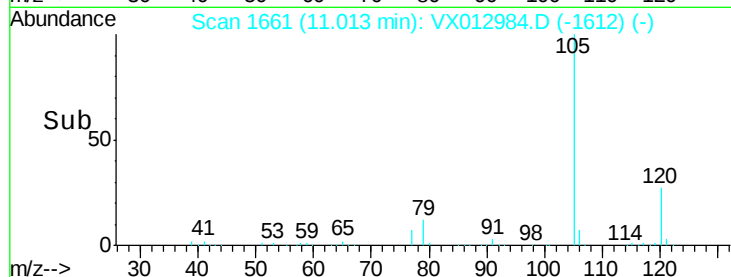
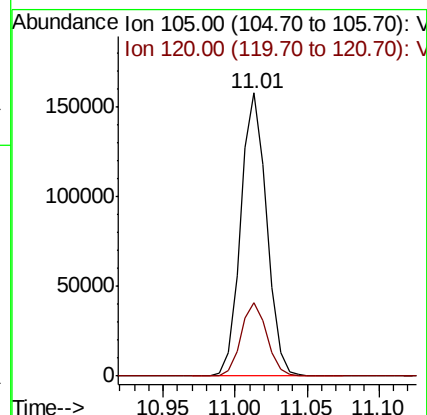
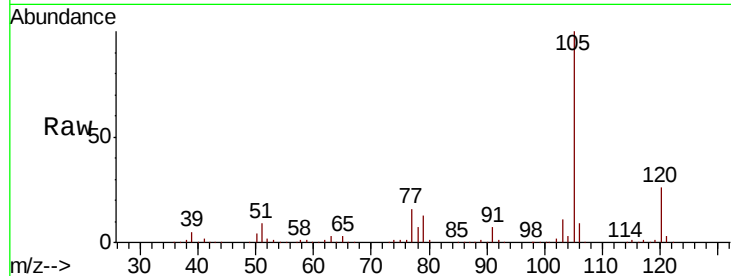
VX1010WBS01

Tot Ion:105 Resp: 198116

Ion Ratio Lower Upper

105 100

120 25.8 13.0 39.0



#74

N-ethyl acetate

Concen: 19.757 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Tgt Ion: 43 Resp: 79579

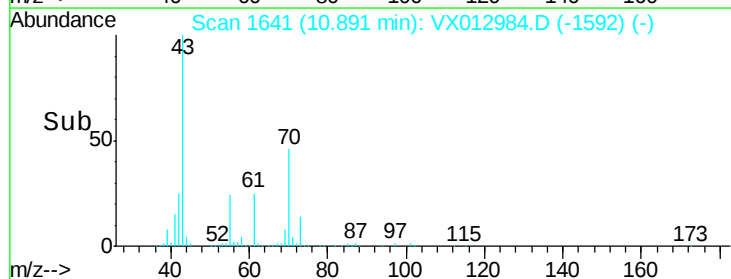
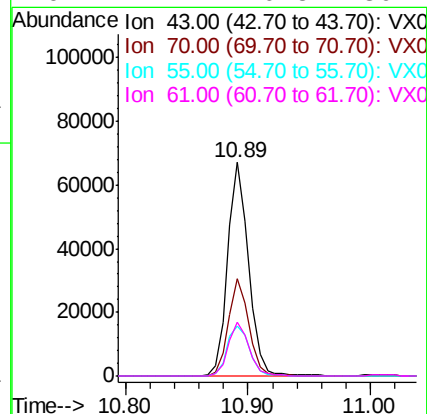
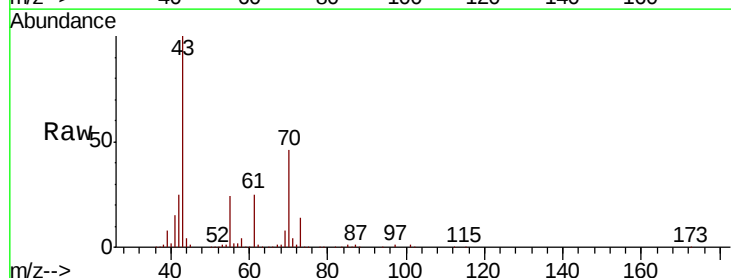
Ion Ratio Lower Upper

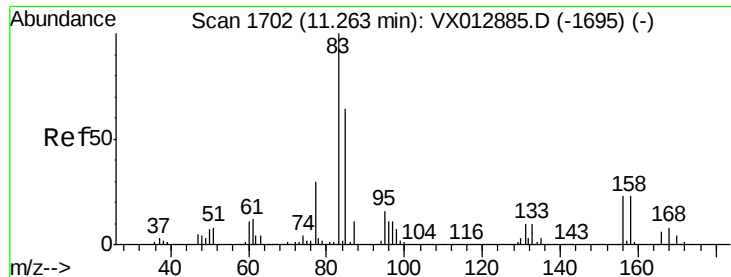
43 100

70 44.6 36.4 54.6

55 25.3 20.2 30.2

61 24.7 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.751 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

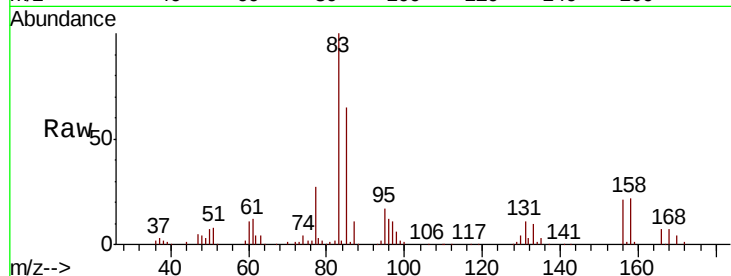
Tot Ion: 83 Resp: 61439

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

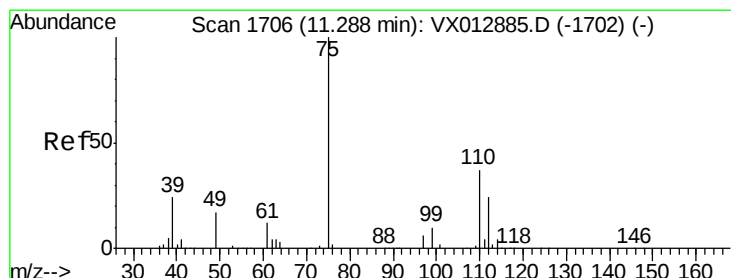
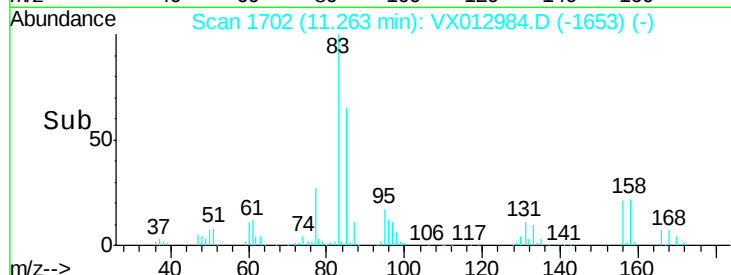
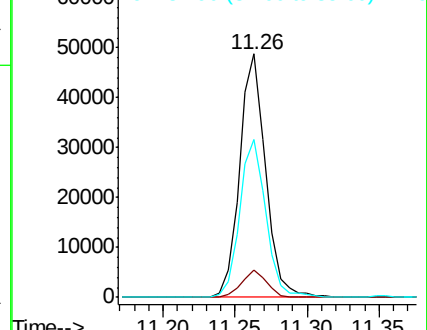
85 65.5 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.104 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012984.D

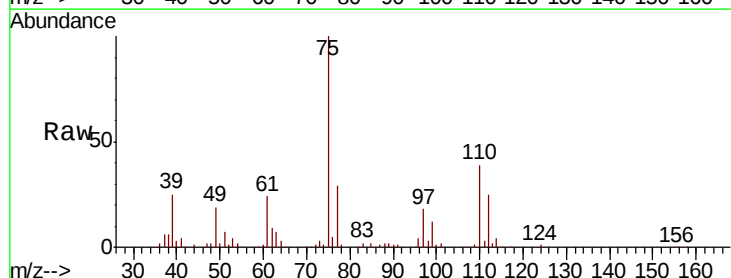
Acq: 10 Oct 2019 10:41

Tgt Ion: 75 Resp: 70829

Ion Ratio Lower Upper

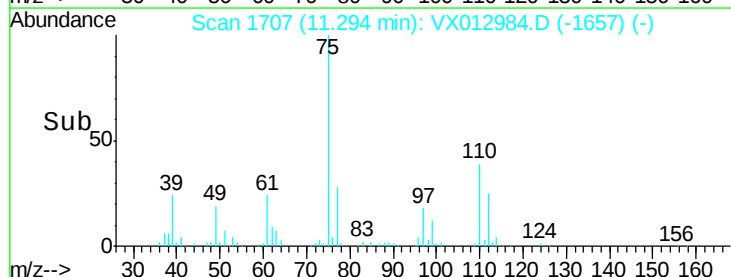
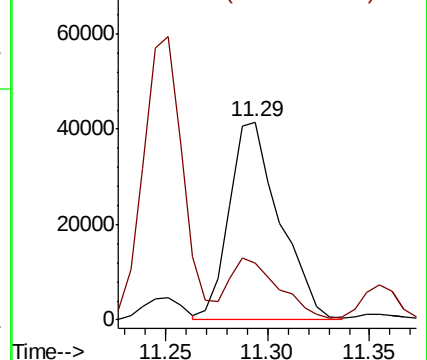
75 100

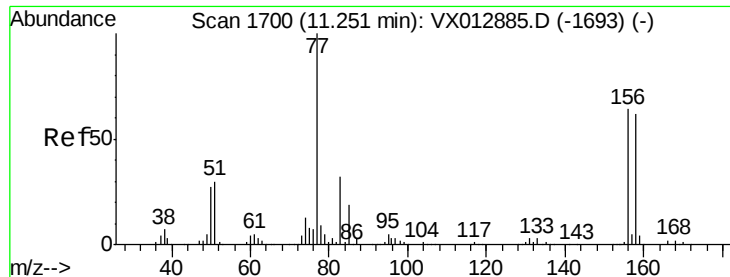
77 29.8 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.678 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

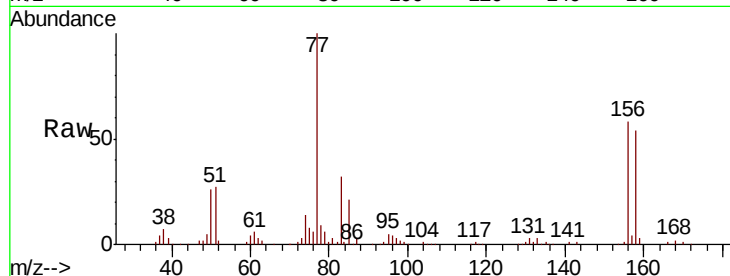
Tot Ion:156 Resp: 45572

Ion Ratio Lower Upper

156 100

77 175.9 83.7 251.0

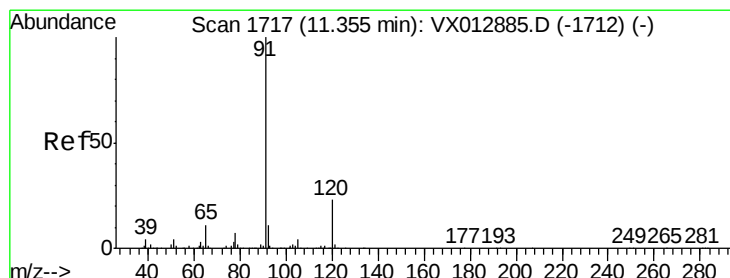
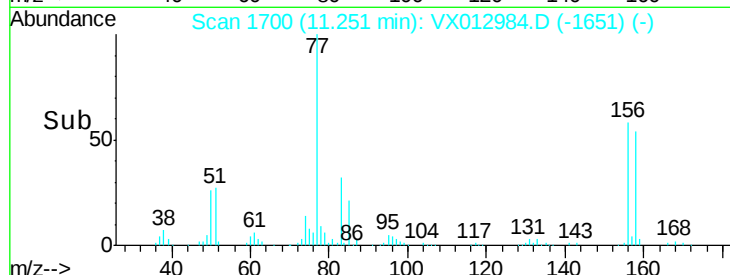
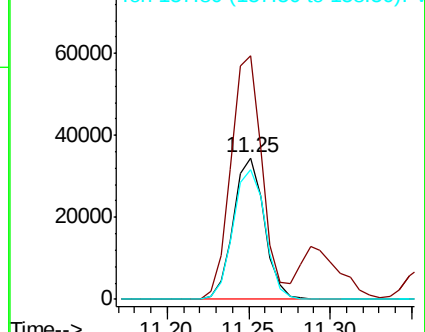
158 95.7 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.386 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012984.D

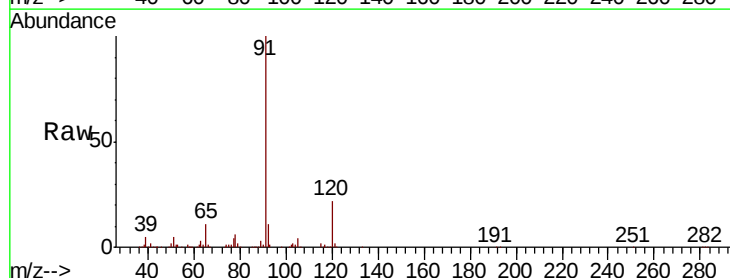
Acq: 10 Oct 2019 10:41

Tgt Ion: 91 Resp: 220091

Ion Ratio Lower Upper

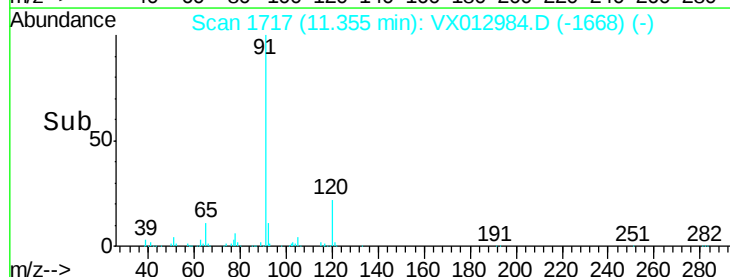
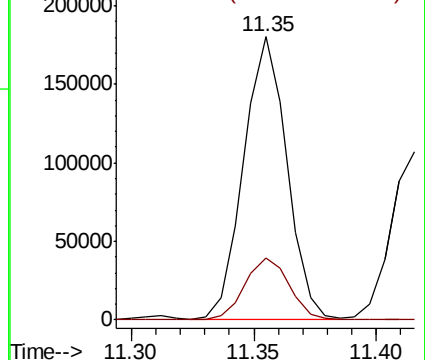
91 100

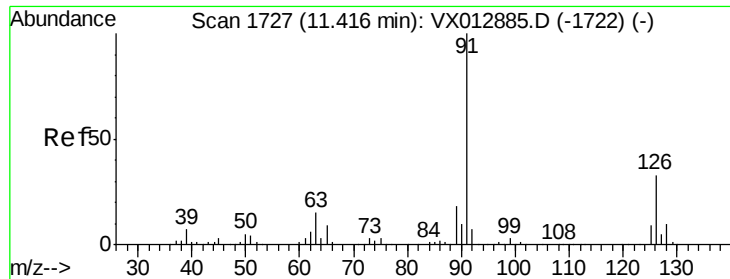
120 22.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

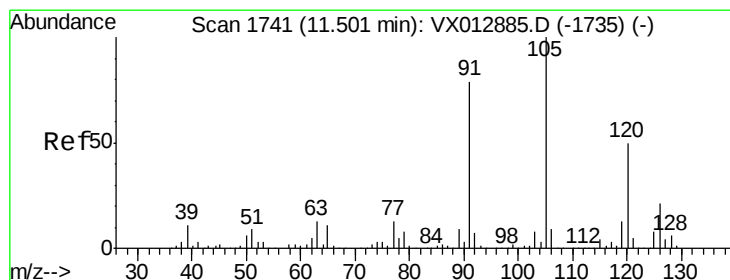
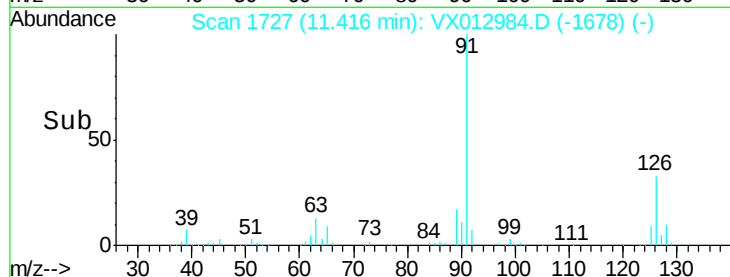
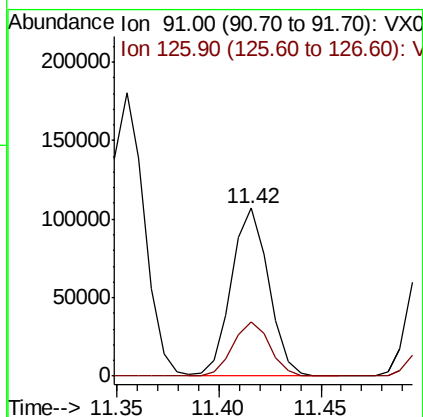
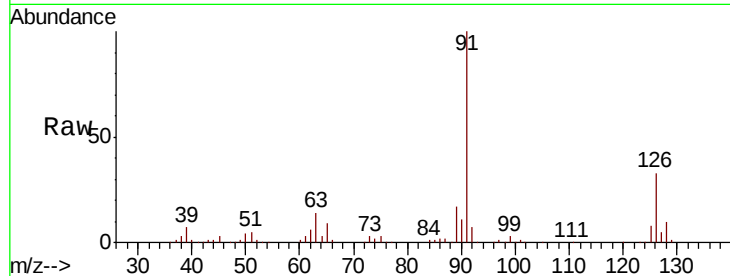




#79
2-Chlorotoluene
Concen: 20.792 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

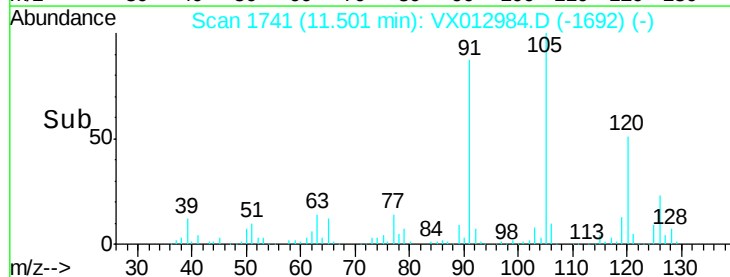
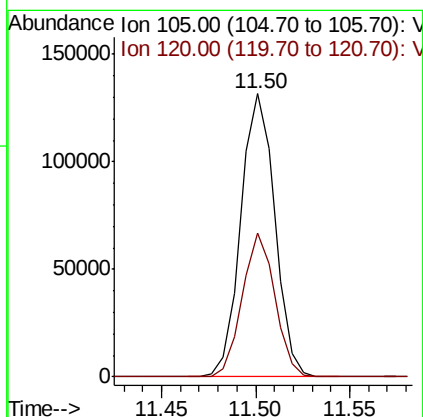
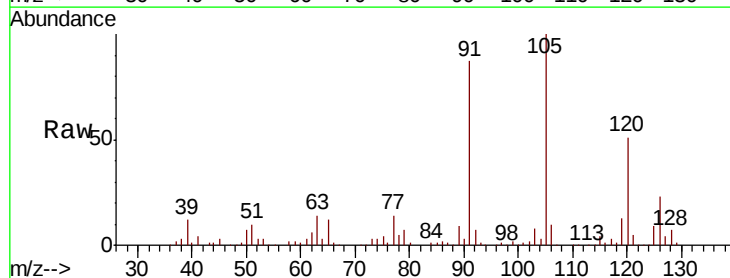
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

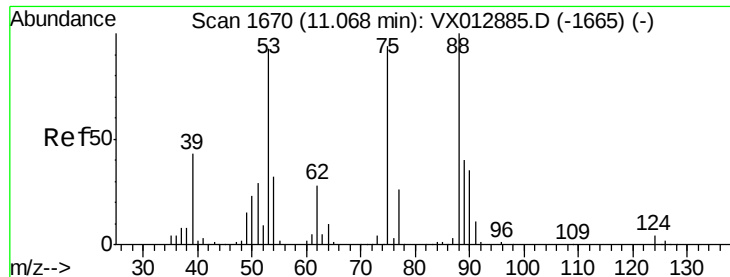
Tot Ion: 91 Resp: 134479
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 21.046 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 105 Resp: 164357
Ion Ratio Lower Upper
105 100
120 49.0 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.183 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

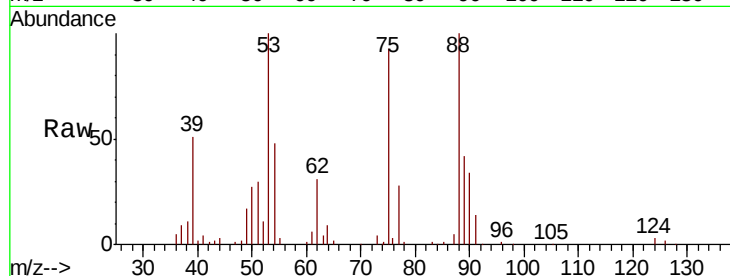
Tot Ion: 75 Resp: 18040

Ion Ratio Lower Upper

75 100

53 105.8 78.5 117.7

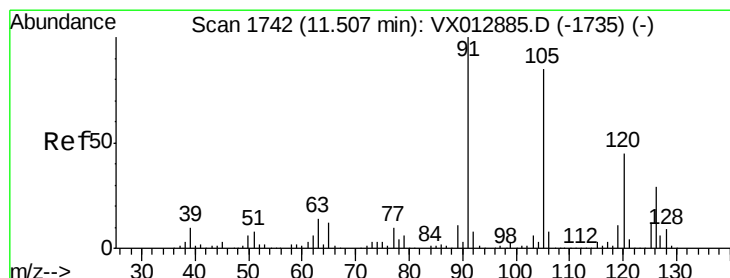
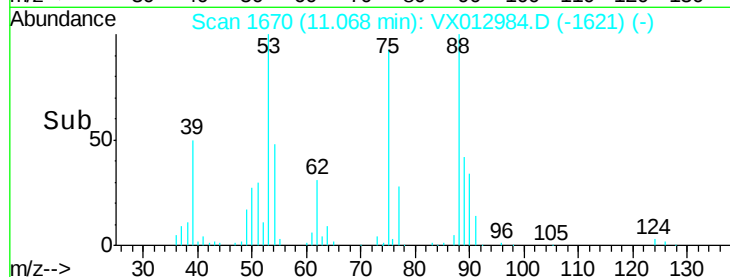
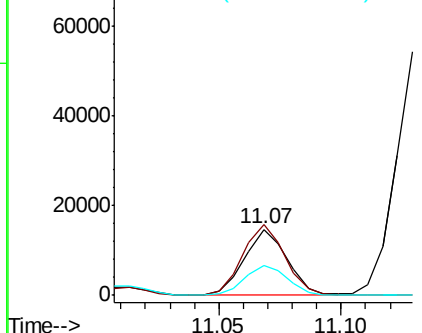
89 45.1 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.455 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012984.D

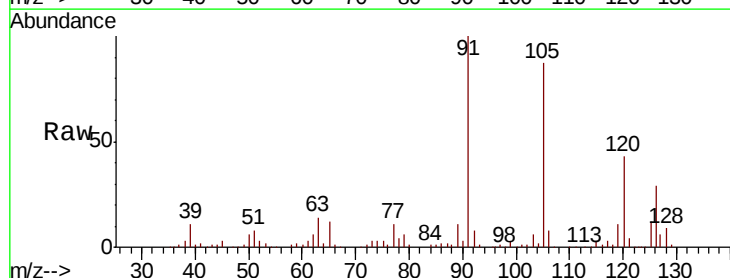
Acq: 10 Oct 2019 10:41

Tgt Ion: 91 Resp: 159050

Ion Ratio Lower Upper

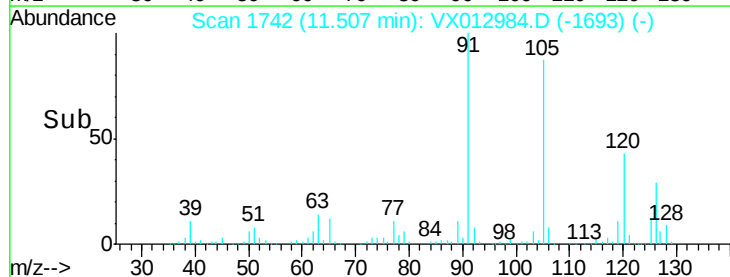
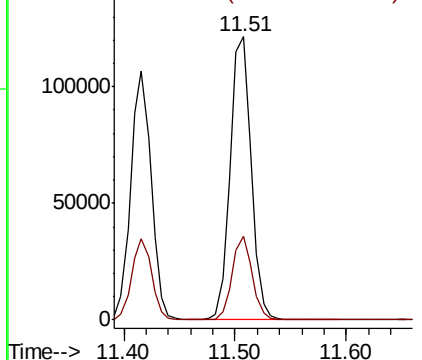
91 100

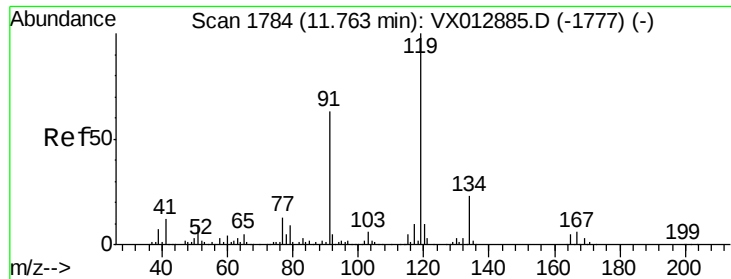
126 28.0 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

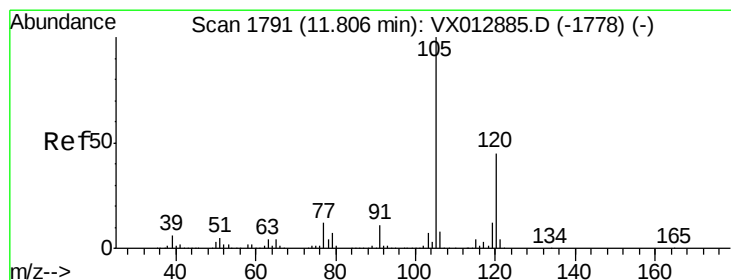
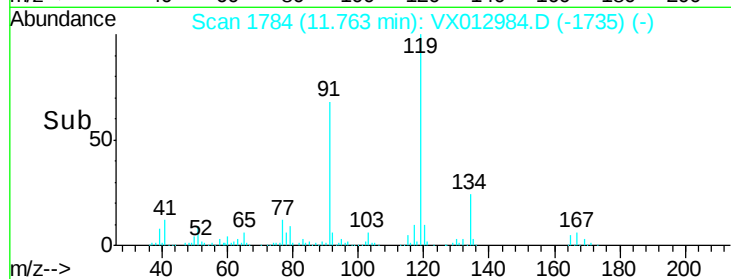
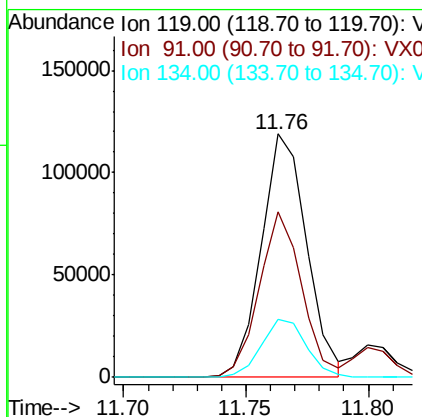
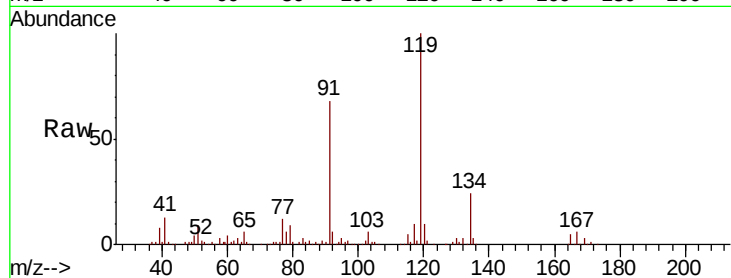




#83
tert-Butylbenzene
Concen: 20.114 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

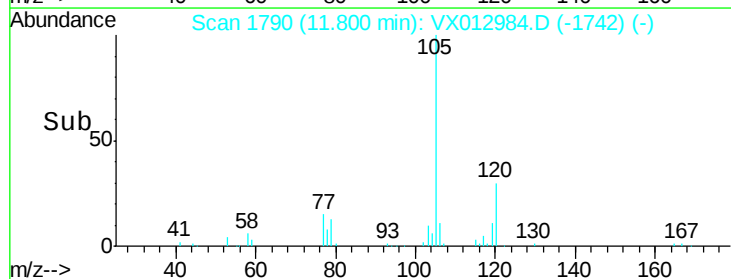
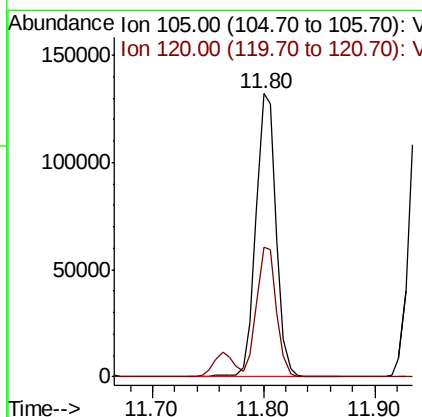
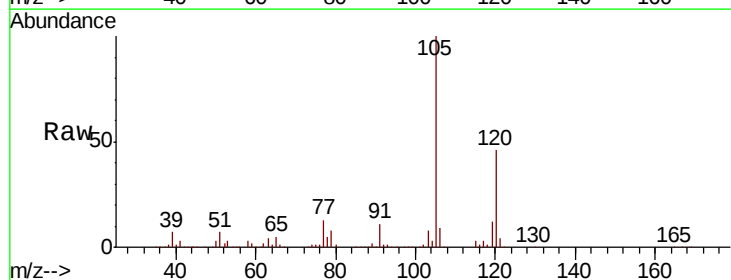
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

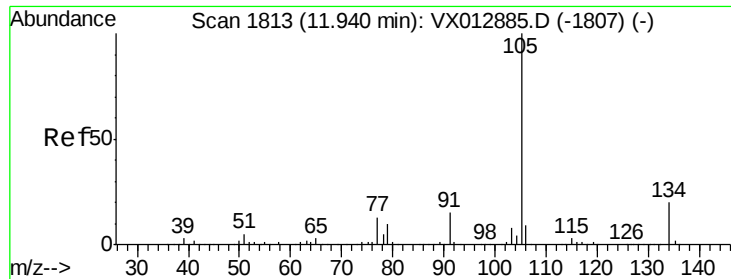
Tot Ion:119 Resp: 153228
Ion Ratio Lower Upper
119 100
91 63.9 29.3 87.9
134 23.7 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 21.154 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion:105 Resp: 167306
Ion Ratio Lower Upper
105 100
120 44.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 21.776 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

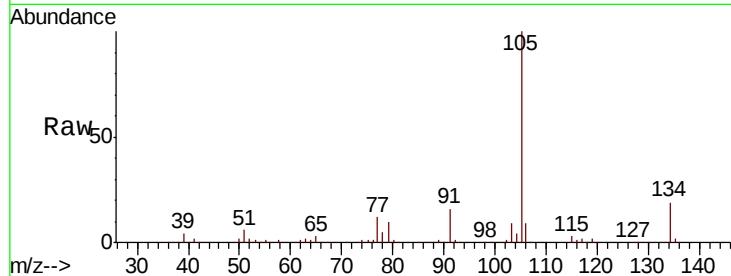
VX1010WBS01

Tot Ion:105 Resp: 192188

Ion Ratio Lower Upper

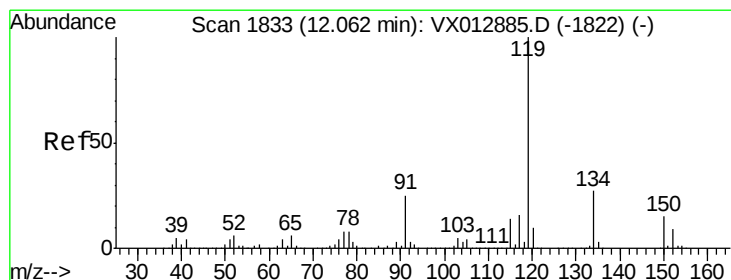
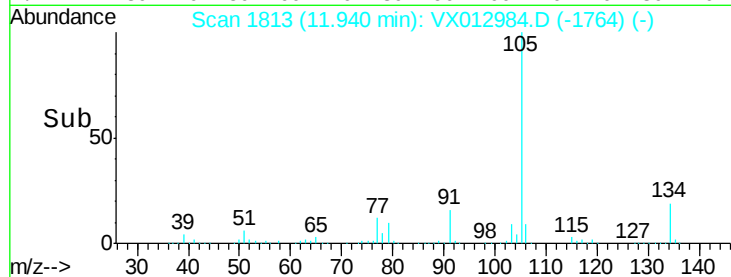
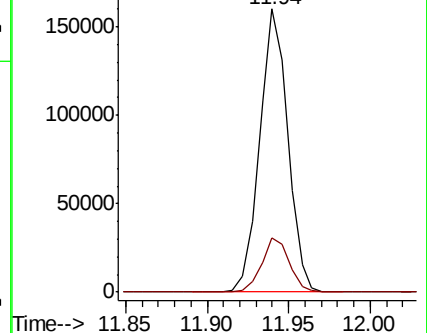
105 100

134 18.8 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.217 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

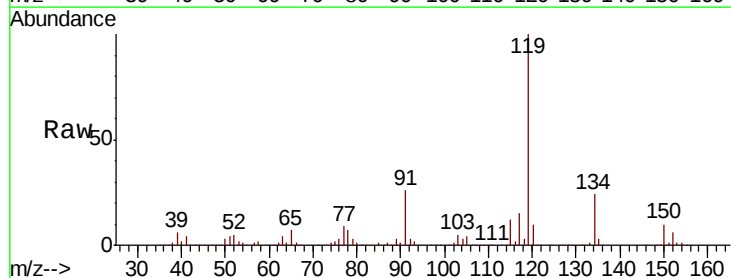
Tgt Ion:119 Resp: 173668

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

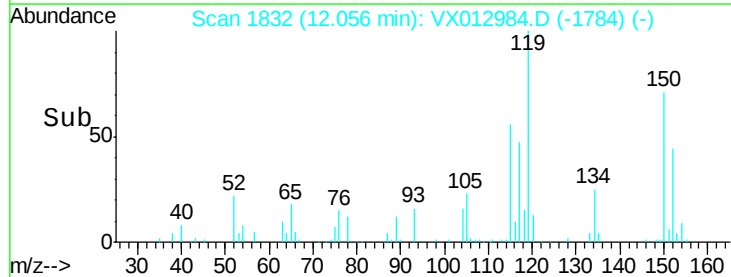
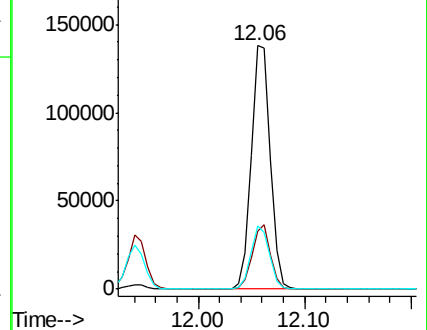
91 25.3 12.4 37.4

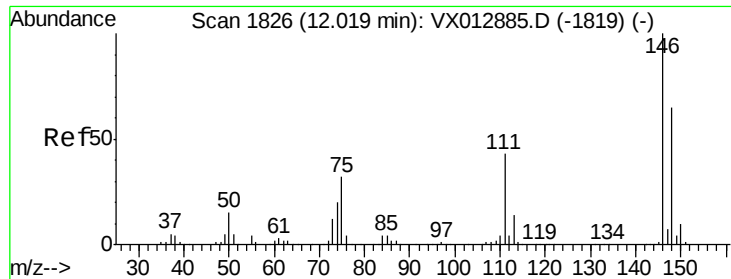


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

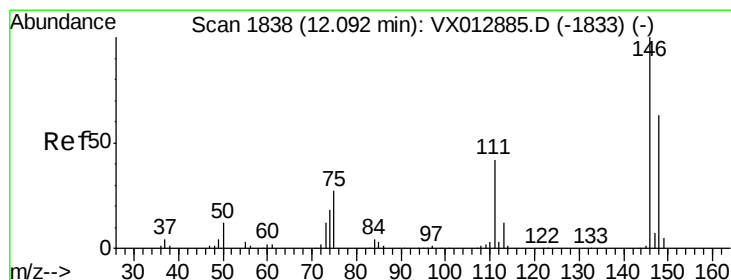
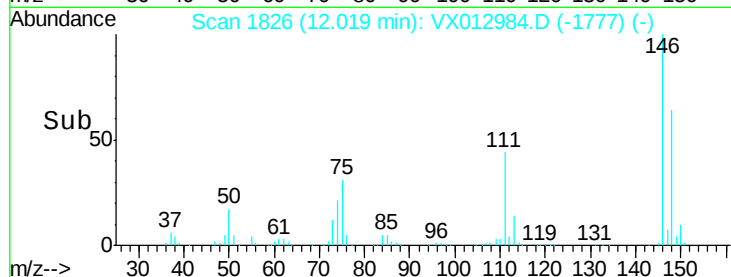
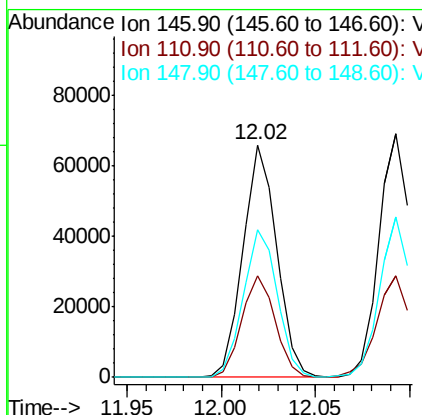
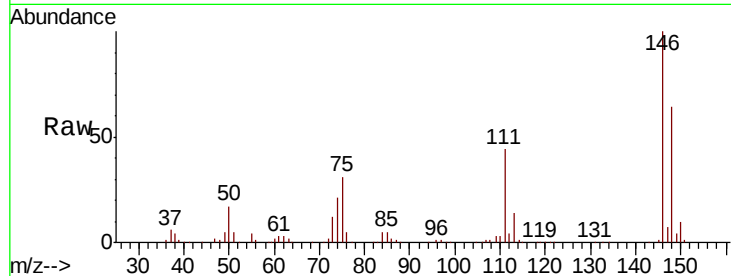




#87
 1,3-Dichlorobenzene
 Concen: 20.022 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

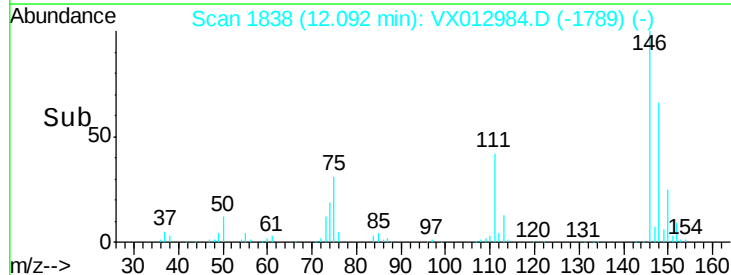
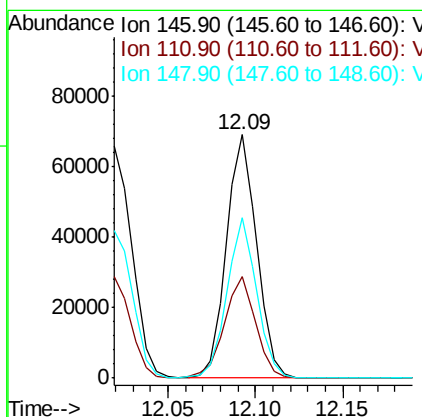
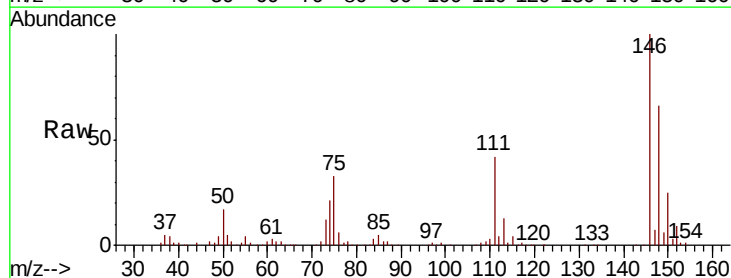
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

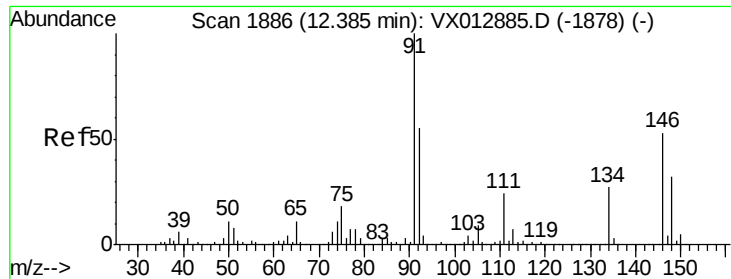
Tot Ion:146 Resp: 81943
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.4
 148 64.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.043 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion:146 Resp: 83077
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.4 64.3
 148 64.4 32.1 96.5

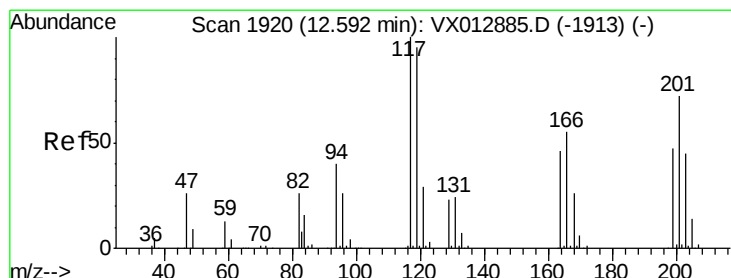
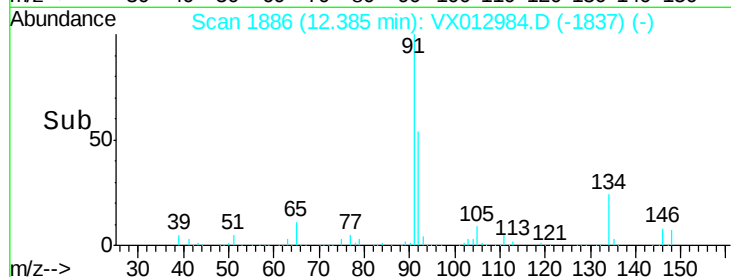
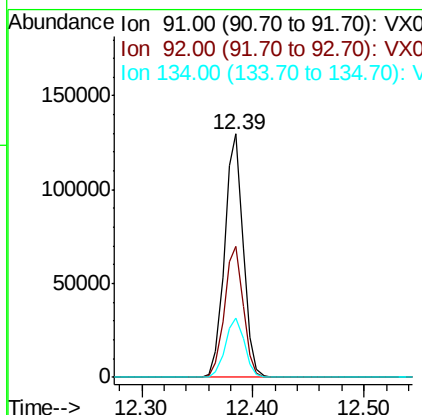
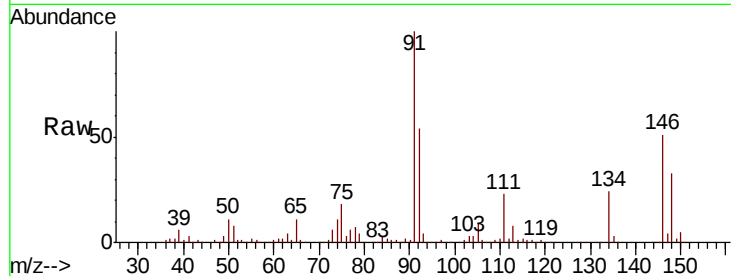




#89
n-Butylbenzene
Concen: 21.750 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

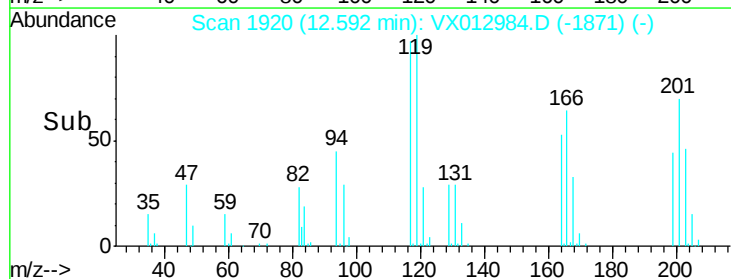
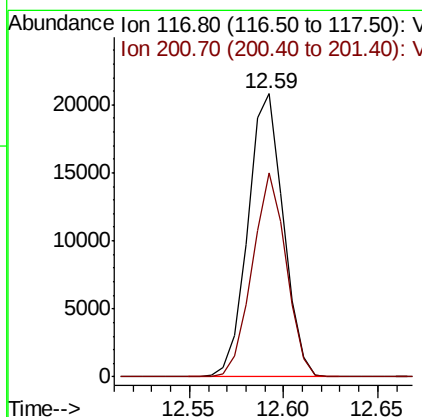
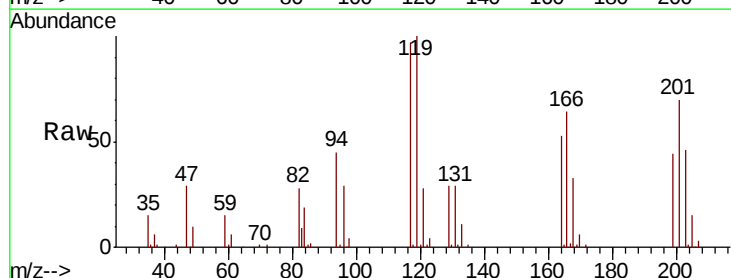
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

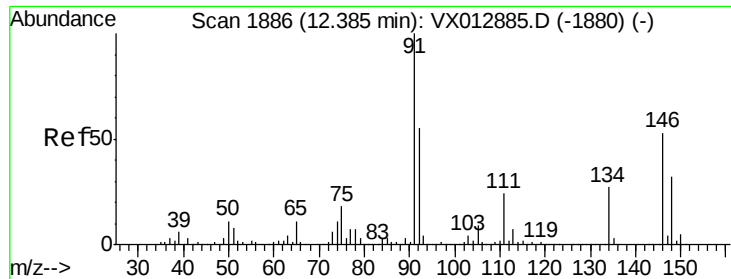
Tot Ion: 91 Resp: 149629
Ion Ratio Lower Upper
91 100
92 54.3 27.5 82.5
134 24.9 12.9 38.7



#90
Hexachloroethane
Concen: 19.240 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 117 Resp: 27105
Ion Ratio Lower Upper
117 100
201 69.0 36.9 110.7

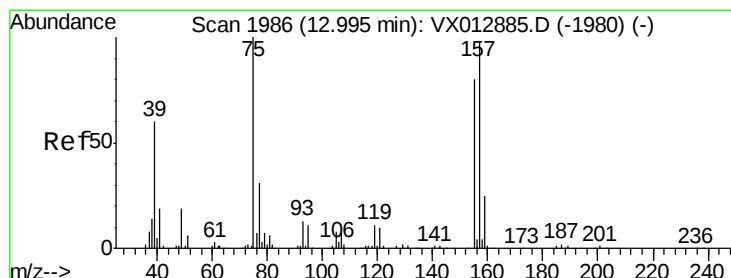
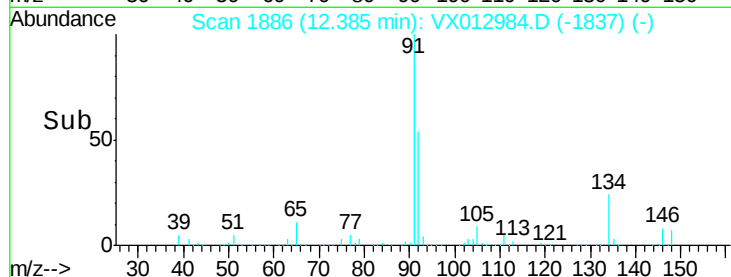
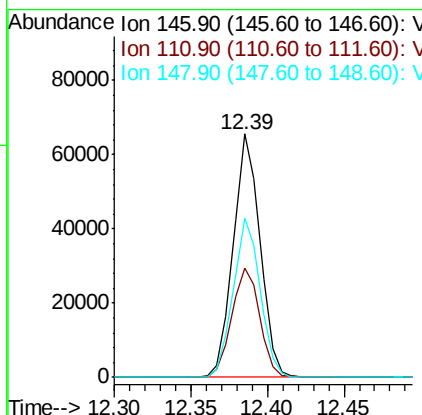
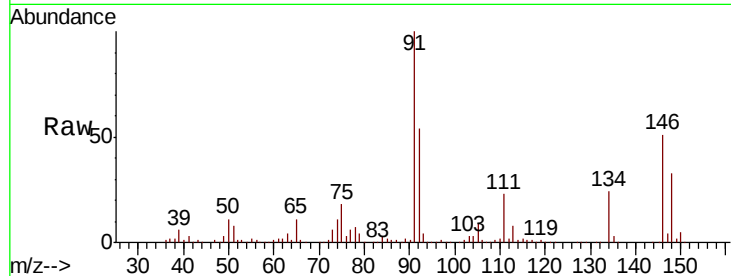




#91
 1,2-Dichlorobenzene
 Concen: 19.846 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

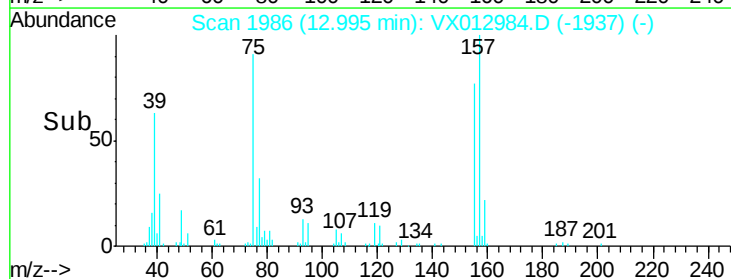
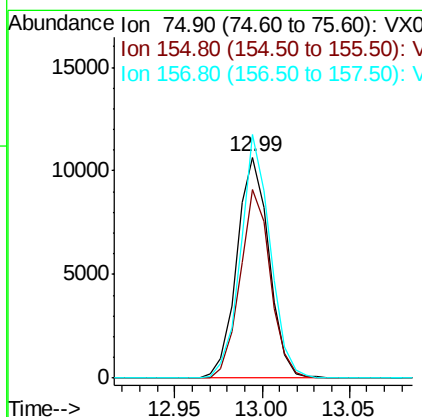
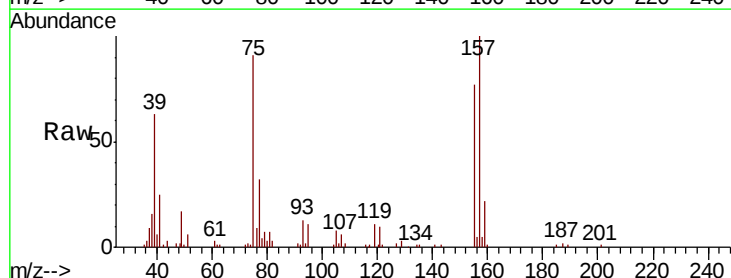
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

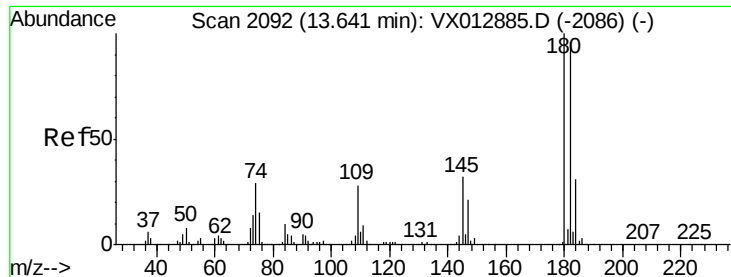
Tot Ion:146 Resp: 79626
 Ion Ratio Lower Upper
 146 100
 111 46.7 22.7 68.0
 148 65.7 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.689 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion: 75 Resp: 13626
 Ion Ratio Lower Upper
 75 100
 155 80.2 43.0 128.8
 157 101.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.048 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

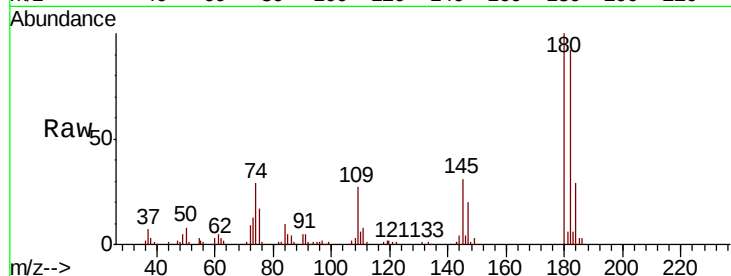
Tot Ion:180 Resp: 50389

Ion Ratio Lower Upper

180 100

182 93.0 46.8 140.4

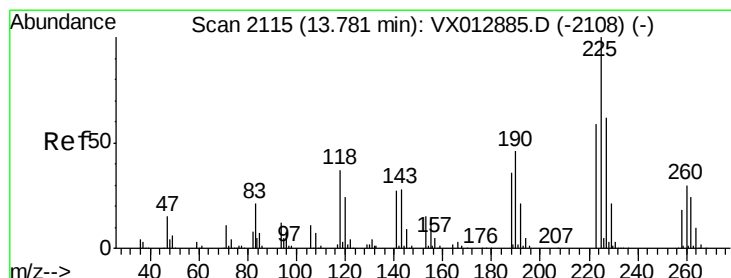
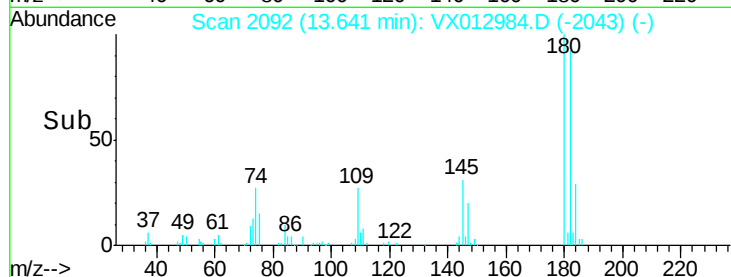
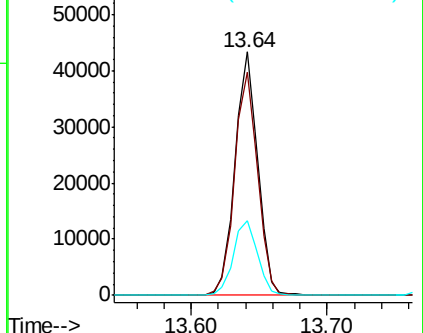
145 32.6 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.078 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

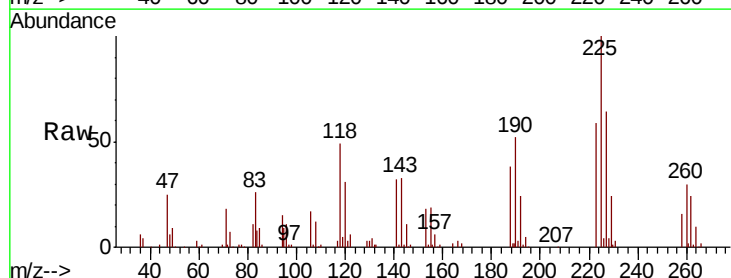
Tgt Ion:225 Resp: 23289

Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.2

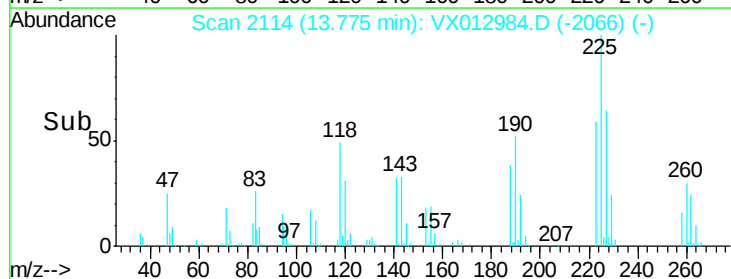
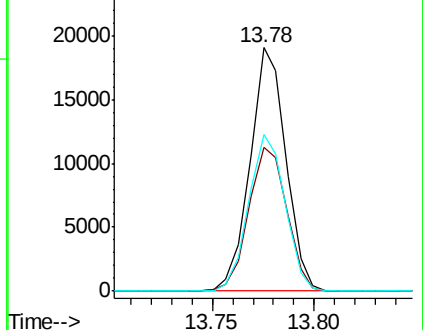
227 65.4 32.3 96.9

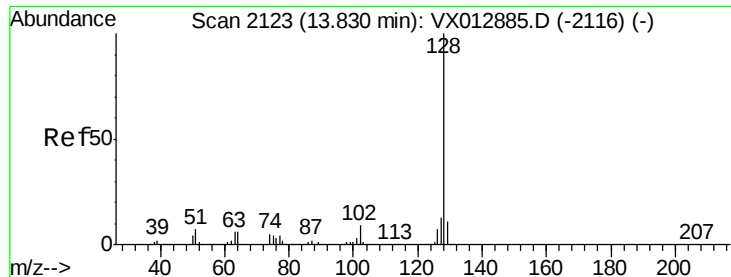


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

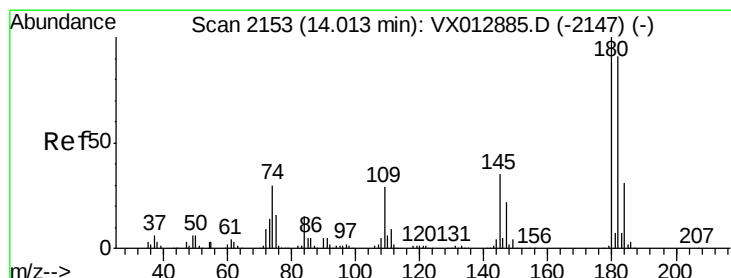
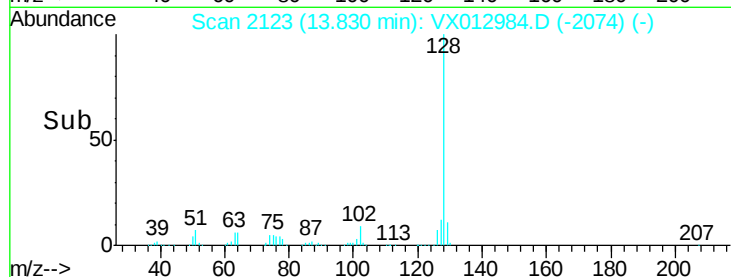
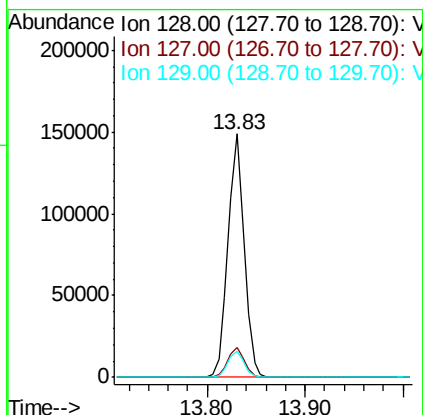
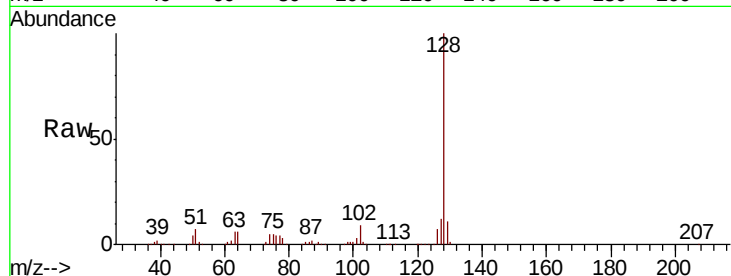




#95
Naphthalene
Concen: 19.850 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion:128 Resp: 172949
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.388 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion:180 Resp: 52954
Ion Ratio Lower Upper
180 100
182 92.2 47.5 142.5
145 33.8 17.4 52.3

