

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092319\
 Data File : VX012605.D
 Acq On : 23 Sep 2019 15:33
 Operator : JC/SP
 Sample : VX0923WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

Quant Time: Sep 24 01:50:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	326980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	130001	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	136880	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
35) Dibromofluoromethane	5.49	113	100926	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	8.71	98	381574	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	144036	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	39543	19.185	ug/l	99
3) Chloromethane	1.32	50	46679	19.722	ug/l	99
4) Vinyl Chloride	1.40	62	46414	19.730	ug/l	97
5) Bromomethane	1.63	94	22536	24.365	ug/l	99
6) Chloroethane	1.72	64	29507	18.606	ug/l	96
7) Trichlorofluoromethane	1.92	101	65804	19.923	ug/l	99
8) Diethyl Ether	2.18	74	26021	19.224	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39750	19.759	ug/l	96
10) Methyl Iodide	2.50	142	32279	18.675	ug/l	96
11) Tert butyl alcohol	3.03	59	66755	100.160	ug/l	99
12) 1,1-Dichloroethene	2.36	96	39515	20.059	ug/l	99
13) Acrolein	2.28	56	33790	97.519	ug/l	95
14) Allyl chloride	2.72	41	79366	20.307	ug/l	98
15) Acrylonitrile	3.13	53	141067	104.327	ug/l	98
16) Acetone	2.44	43	146992	104.014	ug/l	98
17) Carbon Disulfide	2.56	76	104987	19.010	ug/l	99
18) Methyl Acetate	2.76	43	67786	20.371	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	150987	20.250	ug/l	99
20) Methylene Chloride	2.85	84	46573	19.485	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	43122	19.759	ug/l	93
22) Diisopropyl ether	3.84	45	151485	20.059	ug/l	95
23) Vinyl Acetate	3.80	43	679701	102.632	ug/l	99
24) 1,1-Dichloroethane	3.69	63	82910	20.197	ug/l	98
25) 2-Butanone	4.66	43	209446	103.363	ug/l	99
26) 2,2-Dichloropropane	4.58	77	72537	19.868	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	49573	19.577	ug/l	98
28) Bromochloromethane	5.00	49	28849	19.355	ug/l	100
29) Tetrahydrofuran	5.12	42	128202	103.804	ug/l	97
30) Chloroform	5.20	83	83083	19.783	ug/l	99
31) Cyclohexane	5.57	56	74145	19.965	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	73676	19.794	ug/l	100
36) 1,1-Dichloropropene	5.79	75	60769	19.281	ug/l	98
37) Ethyl Acetate	4.83	43	73827	20.036	ug/l	96
38) Carbon Tetrachloride	5.78	117	61945	19.348	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72914	19.217	ug/l	99
40) Benzene	6.14	78	182806	19.713	ug/l	97
41) Methacrylonitrile	5.03	41	41133	19.896	ug/l	94
42) 1,2-Dichloroethane	6.18	62	70434	20.001	ug/l	99
43) Isopropyl Acetate	6.43	43	119876	19.454	ug/l	98
44) Trichloroethene	7.21	130	46215	19.494	ug/l	89
45) 1,2-Dichloropropane	7.51	63	46949	19.775	ug/l	100
46) Dibromomethane	7.65	93	32186	19.911	ug/l	93
47) Bromodichloromethane	7.89	83	62294	19.282	ug/l	100
48) Methyl methacrylate	7.76	41	59409	20.107	ug/l	96
49) 1,4-Dioxane	7.73	88	27777	414.480	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	385183	101.266	ug/l	97
52) Toluene	8.78	92	114984	19.728	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70385	19.691	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	77468	19.849	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	45614	19.685	ug/l	98
56) Ethyl methacrylate	9.17	69	75522	19.400	ug/l	98
57) 1,3-Dichloropropane	9.37	76	80901	19.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	187644	107.384	ug/l	99
59) 2-Hexanone	9.49	43	301801	103.659	ug/l	96
60) Dibromochloromethane	9.58	129	44961	19.168	ug/l	97
61) 1,2-Dibromoethane	9.67	107	48749	20.215	ug/l	100
64) Tetrachloroethene	9.33	164	39708	19.625	ug/l	96
65) Chlorobenzene	10.14	112	119101	19.490	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	43466	19.631	ug/l	97
67) Ethyl Benzene	10.24	91	220061	19.854	ug/l	98
68) m/p-Xylenes	10.35	106	163582	39.399	ug/l	99
69) o-Xylene	10.70	106	78570	19.557	ug/l	98
70) Styrene	10.71	104	133372	19.803	ug/l	99
71) Bromoform	10.85	173	29083	18.864	ug/l #	98
73) Isopropylbenzene	11.01	105	212412	20.061	ug/l	100
74) N-amyl acetate	10.89	43	102169	20.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	70434	20.086	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	84438	24.554	ug/l	88
77) Bromobenzene	11.25	156	47406	19.782	ug/l	96
78) n-propylbenzene	11.35	91	236058	19.803	ug/l	99
79) 2-Chlorotoluene	11.42	91	146887	19.753	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	178234	20.074	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22007	18.340	ug/l	92
82) 4-Chlorotoluene	11.51	91	166049	19.588	ug/l	100
83) tert-Butylbenzene	11.77	119	170310	19.884	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	179285	20.016	ug/l	99
85) sec-Butylbenzene	11.95	105	196951	19.770	ug/l	99
86) p-Isopropyltoluene	12.06	119	181247	20.163	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	83380	19.334	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	85205	19.552	ug/l	98
89) n-Butylbenzene	12.38	91	152598	19.265	ug/l	100
90) Hexachloroethane	12.59	117	29919	18.670	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	86705	20.082	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18081	20.613	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

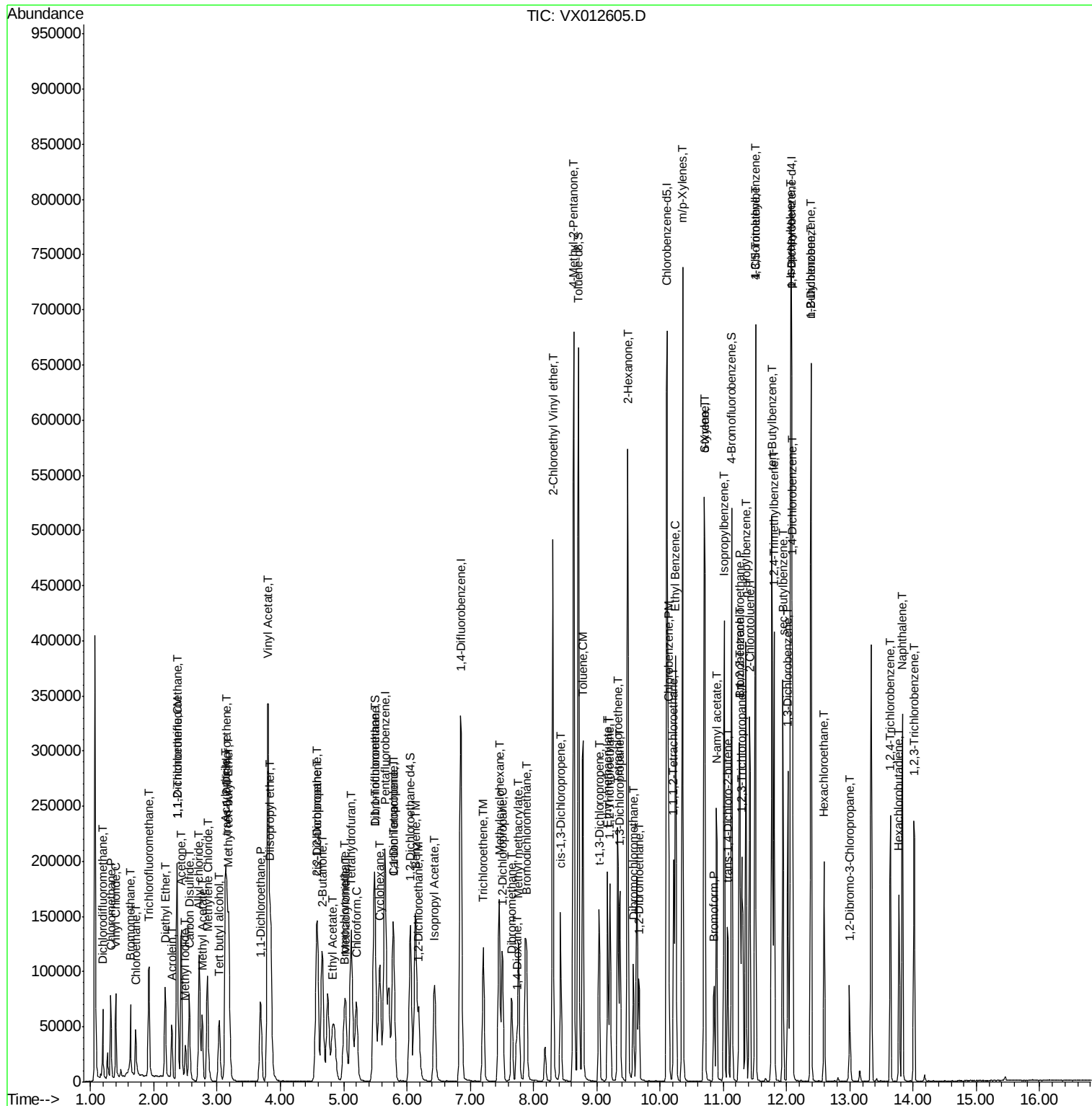
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	50581	19.210	ug/l	99
94) Hexachlorobutadiene	13.78	225	21125	18.649	ug/l	94
95) Naphthalene	13.83	128	197307	20.711	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	51507	19.528	ug/l	100

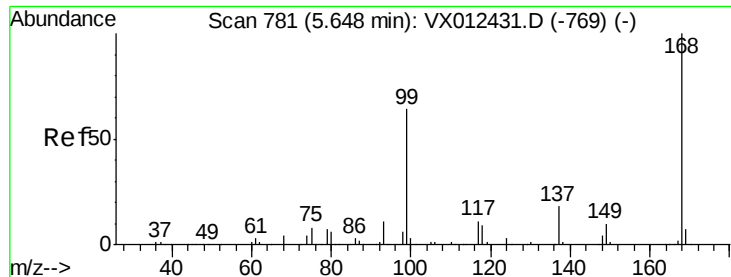
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

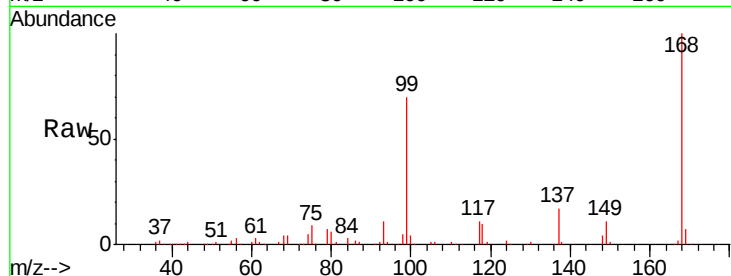
VX0923WBS02

Tgt Ion:168 Resp: 183218

Ion Ratio Lower Upper

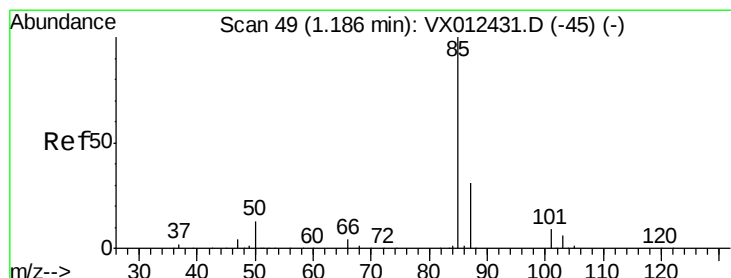
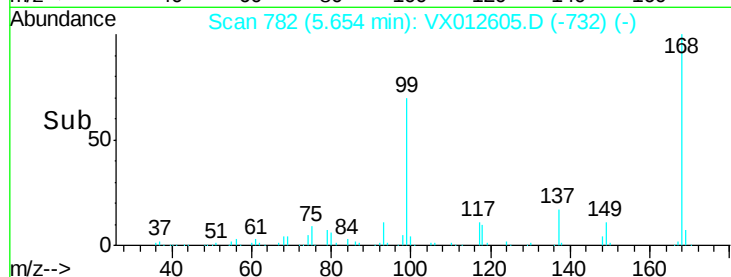
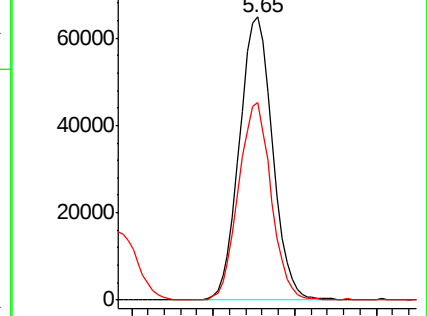
168 100

99 69.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.185 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012605.D

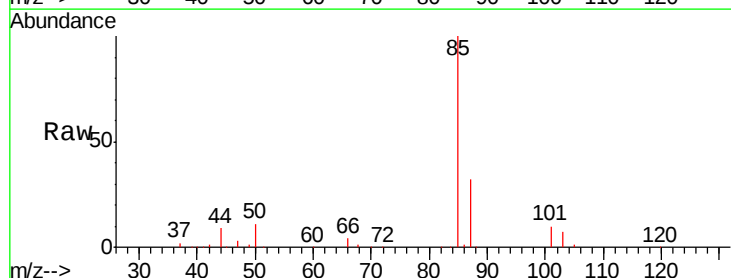
Acq: 23 Sep 2019 15:33

Tgt Ion: 85 Resp: 39543

Ion Ratio Lower Upper

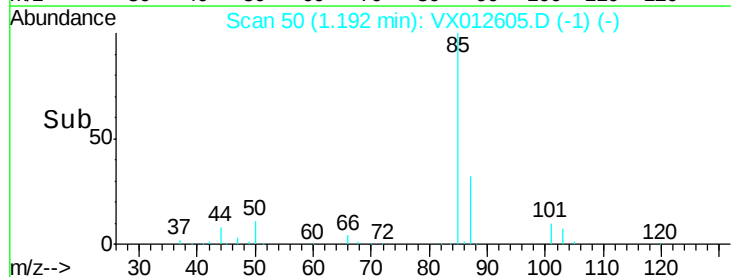
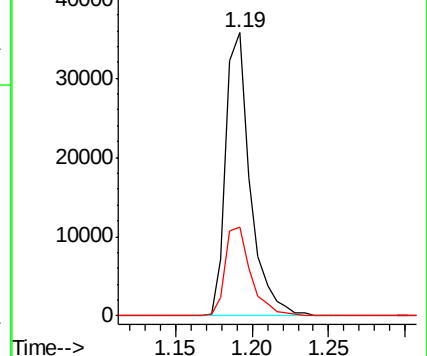
85 100

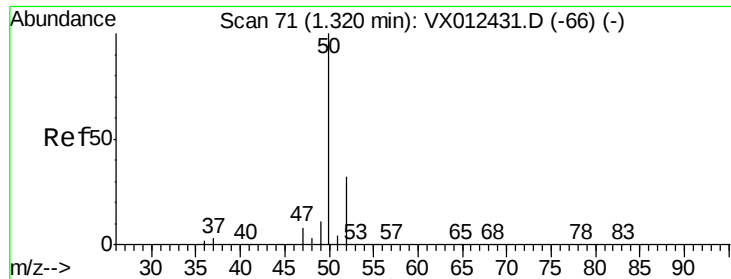
87 31.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.722 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

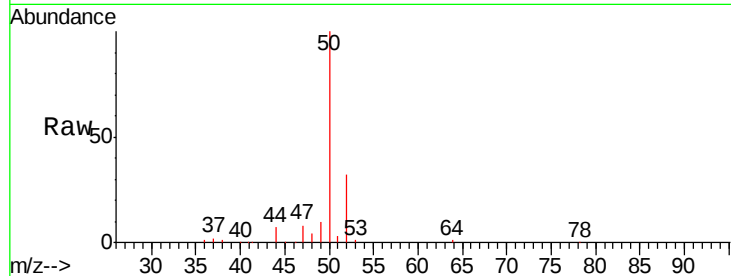
VX0923WBS02

Tgt Ion: 50 Resp: 46679

Ion Ratio Lower Upper

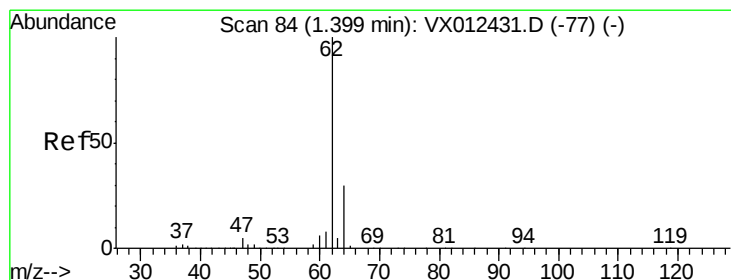
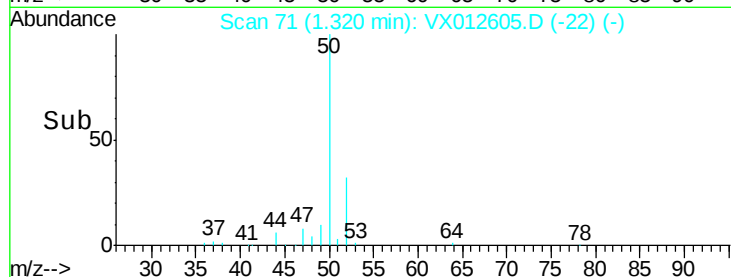
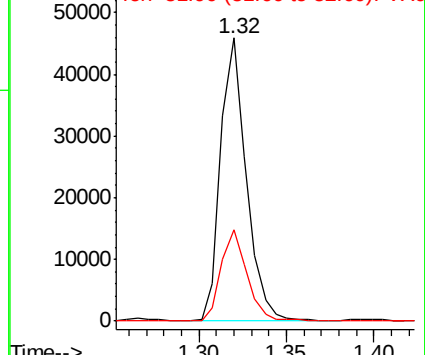
50 100

52 32.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.730 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012605.D

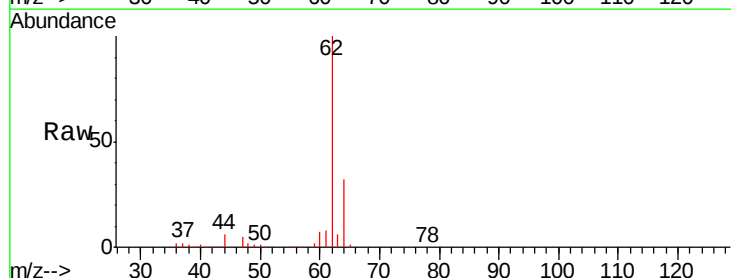
Acq: 23 Sep 2019 15:33

Tgt Ion: 62 Resp: 46414

Ion Ratio Lower Upper

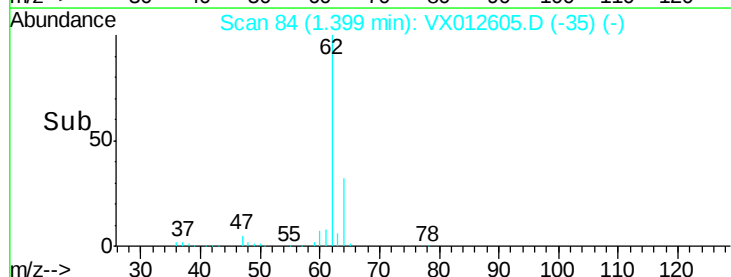
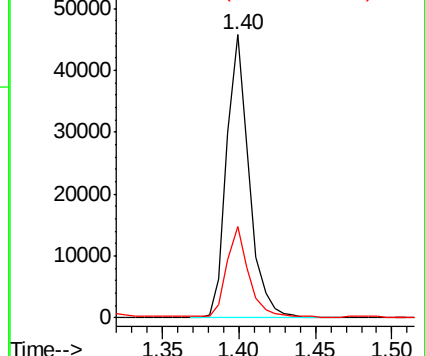
62 100

64 31.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.365 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

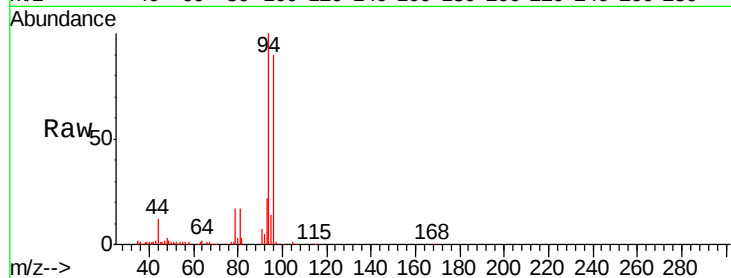
VX0923WBS02

Tgt Ion: 94 Resp: 22536

Ion Ratio Lower Upper

94 100

96 89.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

25000

20000

15000

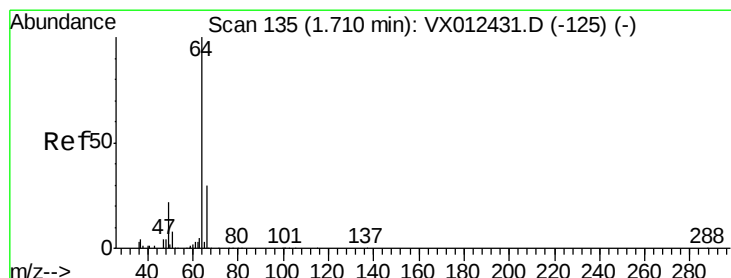
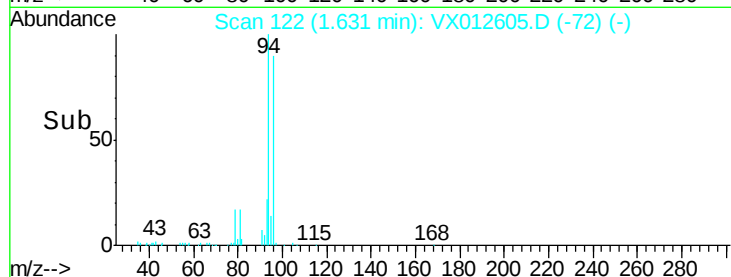
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.606 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012605.D

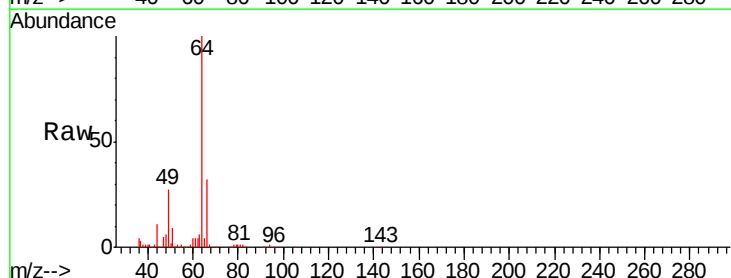
Acq: 23 Sep 2019 15:33

Tgt Ion: 64 Resp: 29507

Ion Ratio Lower Upper

64 100

66 32.1 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

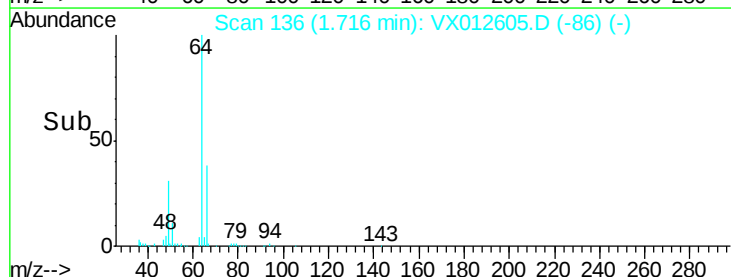
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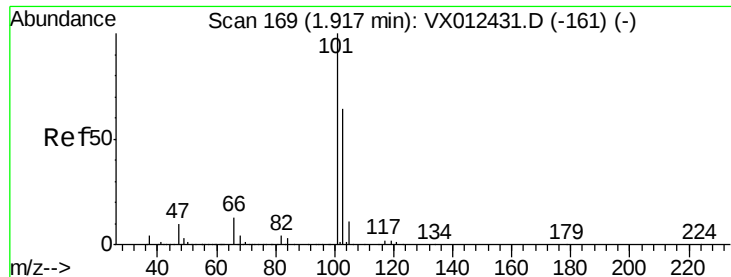
5000

0

Time-->

1.65 1.70 1.75 1.80



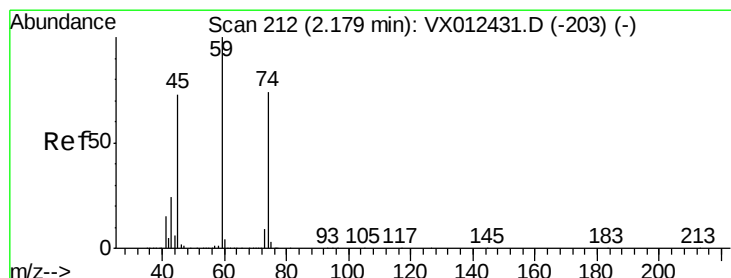
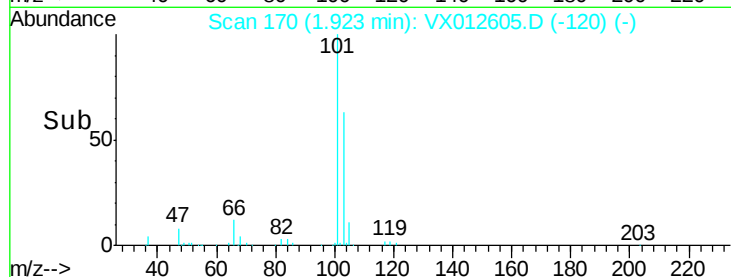
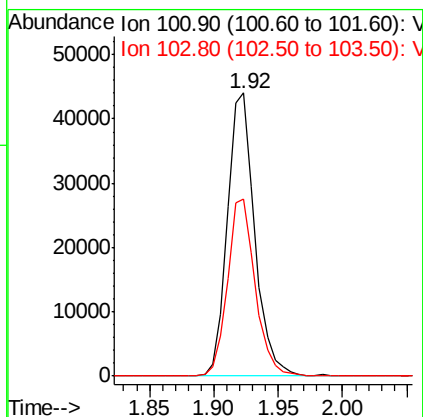
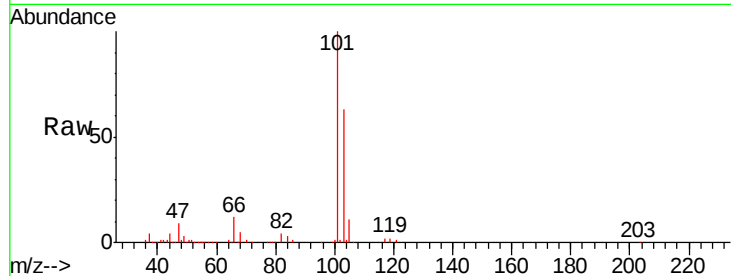


#7

Trichlorofluoromethane
 Concen: 19.923 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

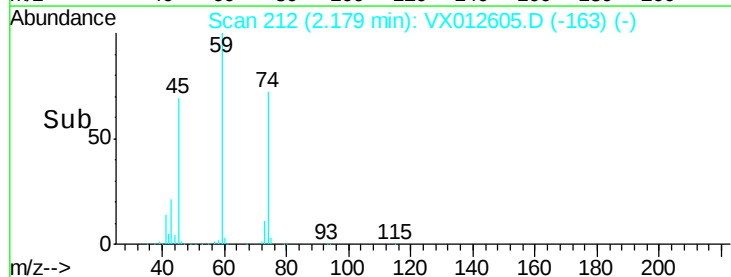
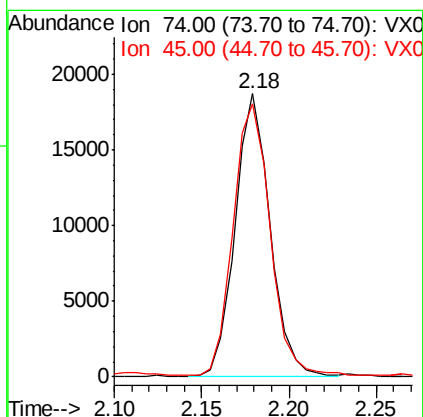
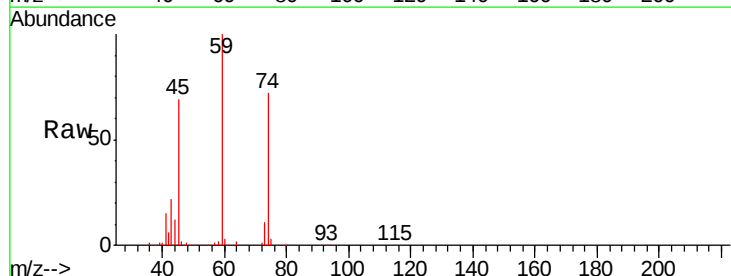
Tgt Ion:101 Resp: 65804
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.0 76.4

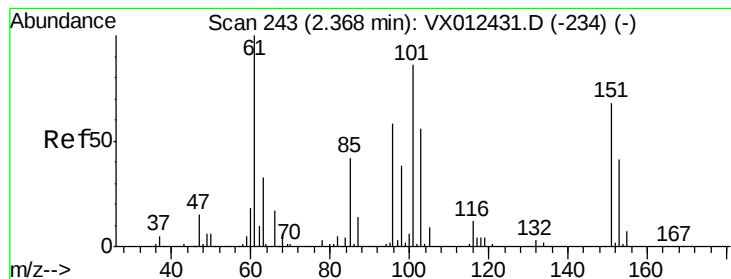


#8

Diethyl Ether
 Concen: 19.224 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion: 74 Resp: 26021
 Ion Ratio Lower Upper
 74 100
 45 100.6 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.759 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

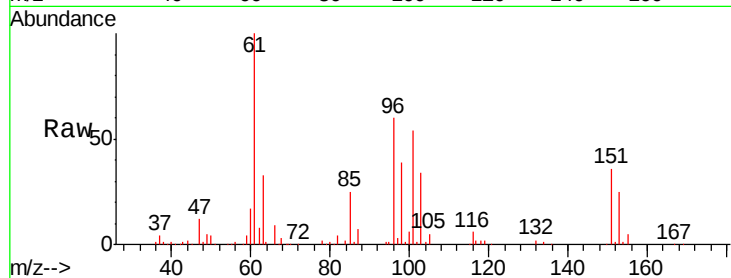
Tgt Ion:101 Resp: 39750

Ion Ratio Lower Upper

101 100

85 45.9 37.3 55.9

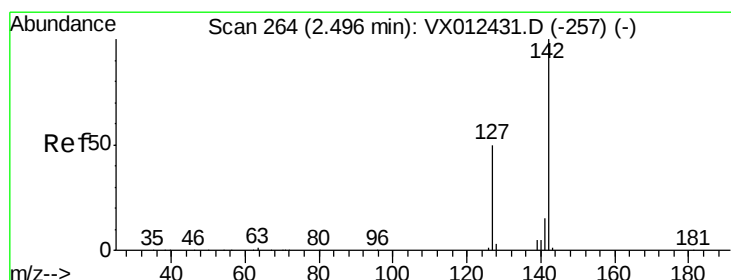
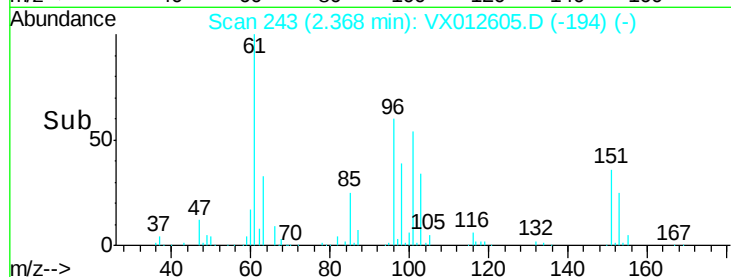
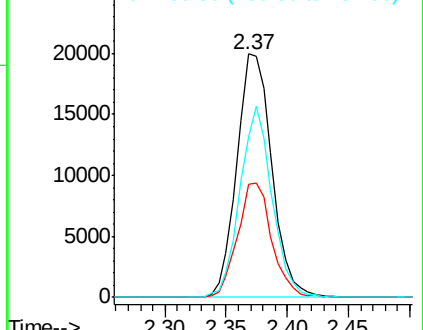
151 71.6 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.675 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

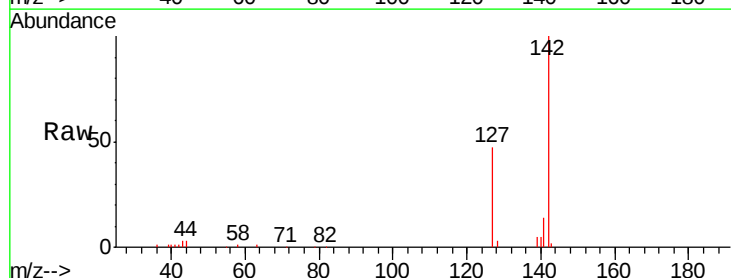
Tgt Ion:142 Resp: 32279

Ion Ratio Lower Upper

142 100

127 47.7 40.8 61.2

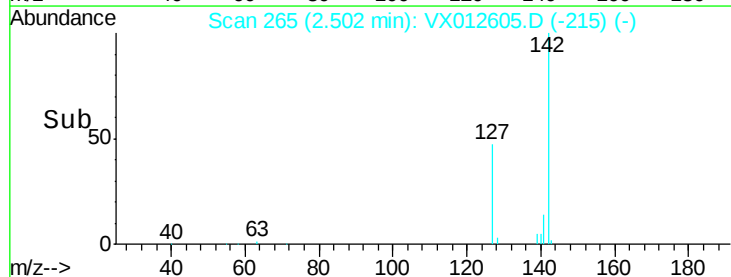
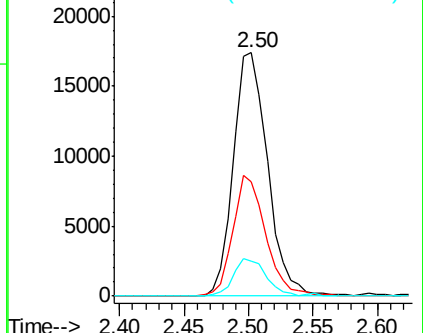
141 14.5 12.1 18.1

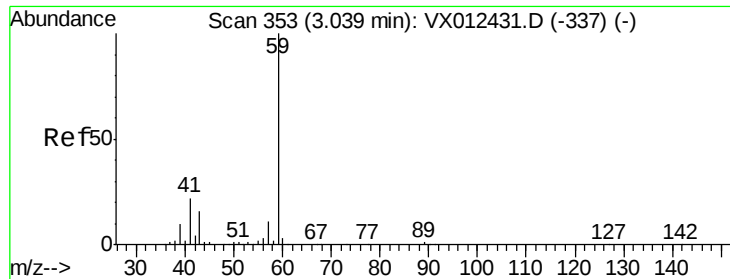


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

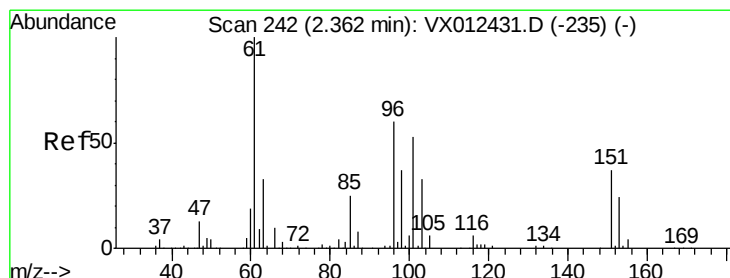
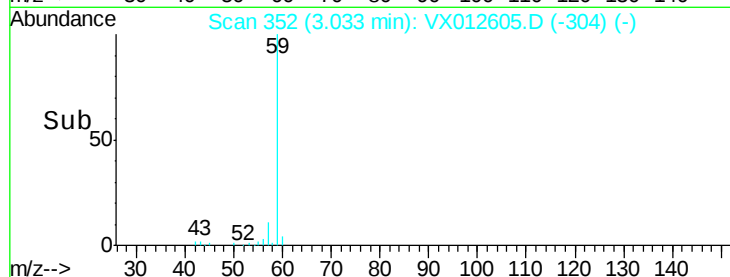
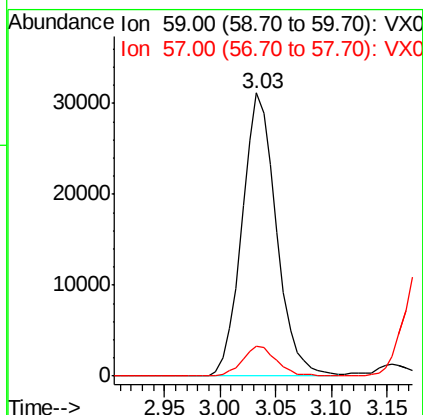
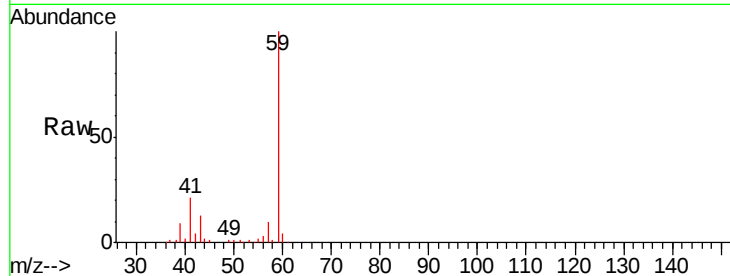




#11
Tert butyl alcohol
Concen: 100.160 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

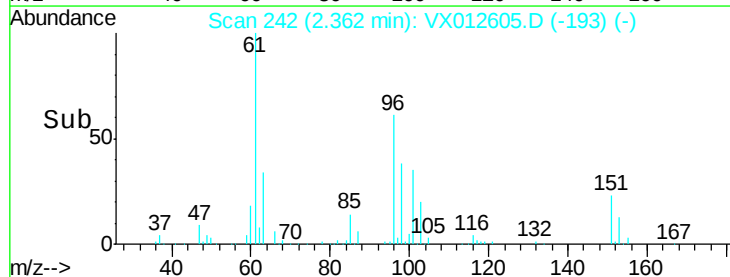
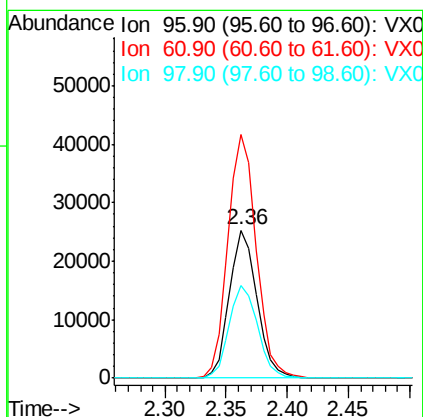
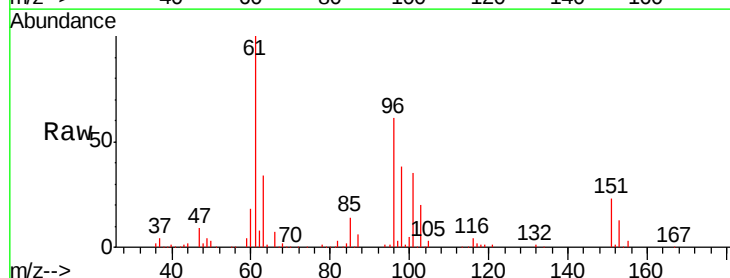
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS02

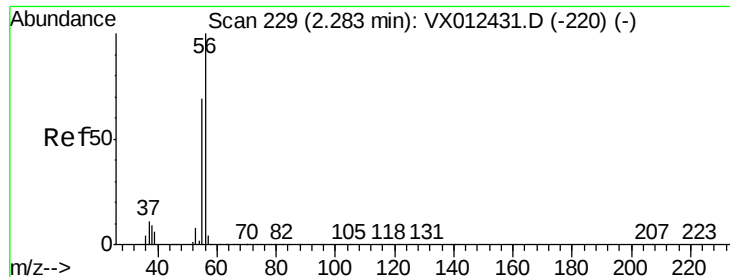
Tgt Ion: 59 Resp: 66755
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.059 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion: 96 Resp: 39515
Ion Ratio Lower Upper
96 100
61 164.6 133.8 200.6
98 62.5 49.9 74.9





#13

Acrolein

Concen: 97.519 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

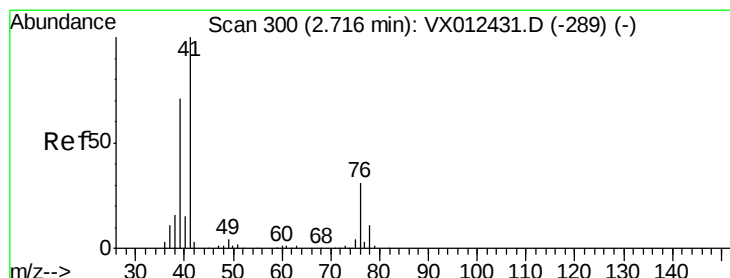
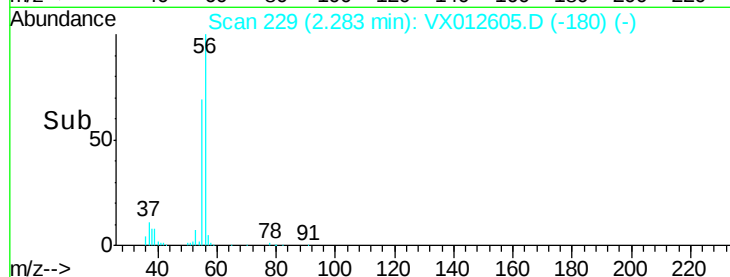
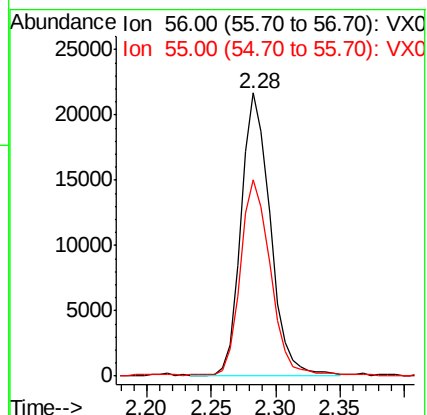
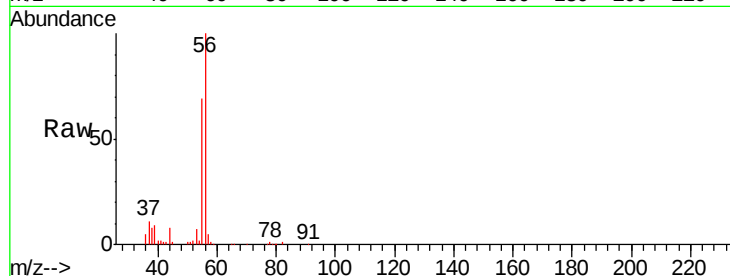
VX0923WBS02

Tgt Ion: 56 Resp: 33790

Ion Ratio Lower Upper

56 100

55 73.7 55.8 83.8



#14

Allyl chloride

Concen: 20.307 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

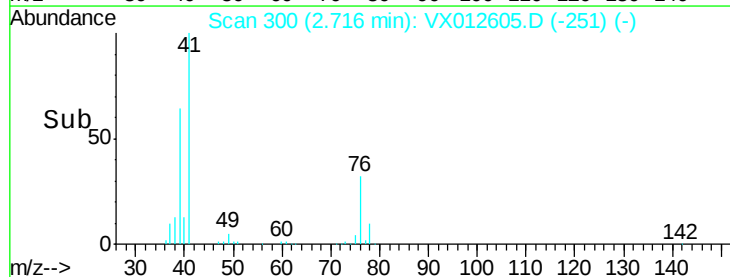
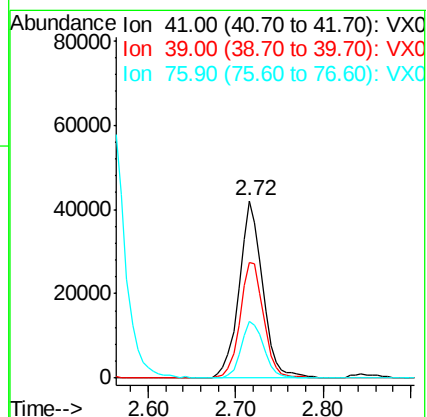
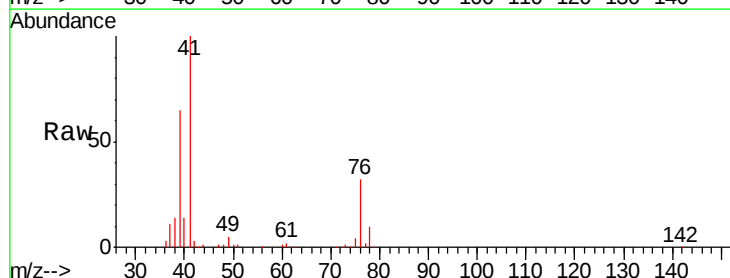
Tgt Ion: 41 Resp: 79366

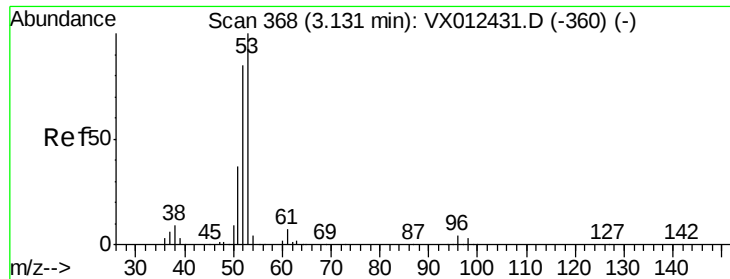
Ion Ratio Lower Upper

41 100

39 65.1 51.3 76.9

76 30.8 22.6 33.8





#15

Acrylonitrile

Concen: 104.327 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

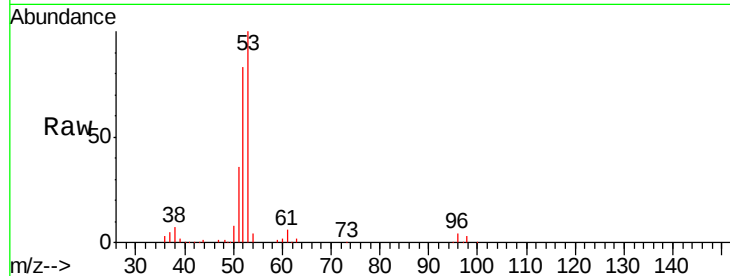
Tgt Ion: 53 Resp: 141067

Ion Ratio Lower Upper

53 100

52 81.9 67.0 100.4

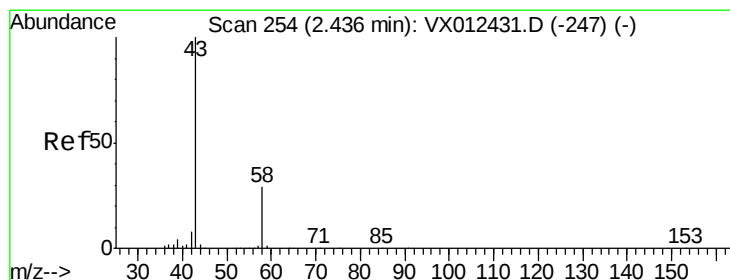
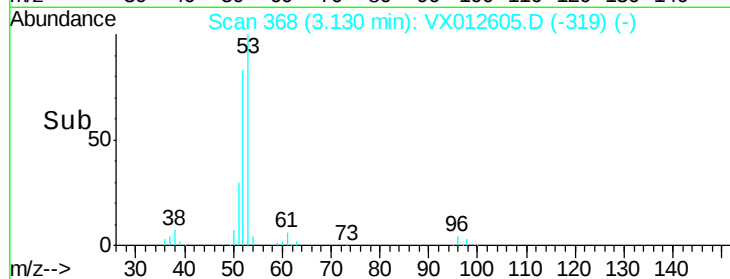
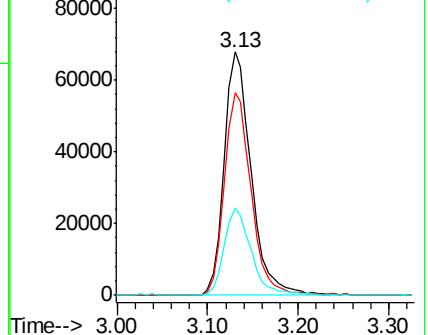
51 36.2 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 104.014 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012605.D

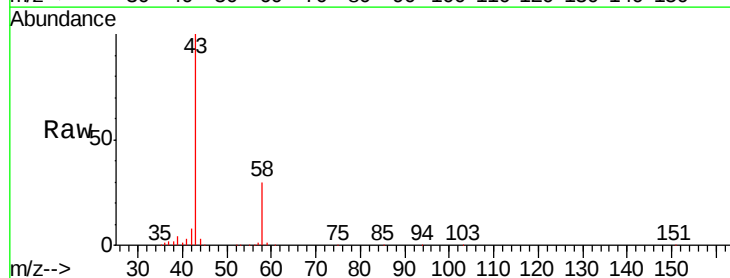
Acq: 23 Sep 2019 15:33

Tgt Ion: 43 Resp: 146992

Ion Ratio Lower Upper

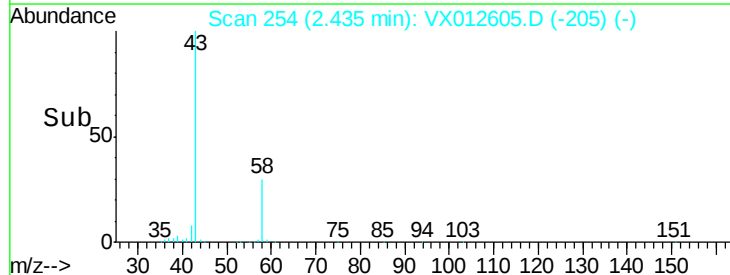
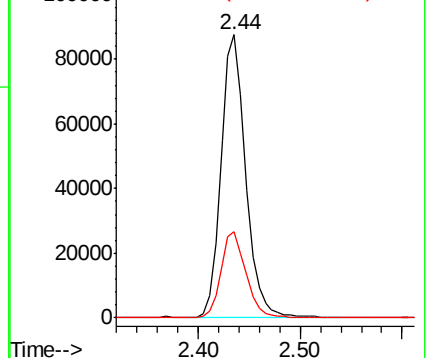
43 100

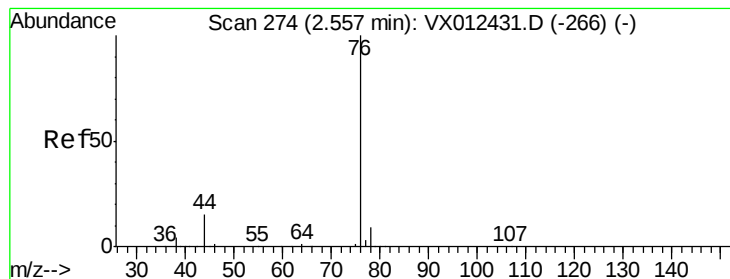
58 30.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.010 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

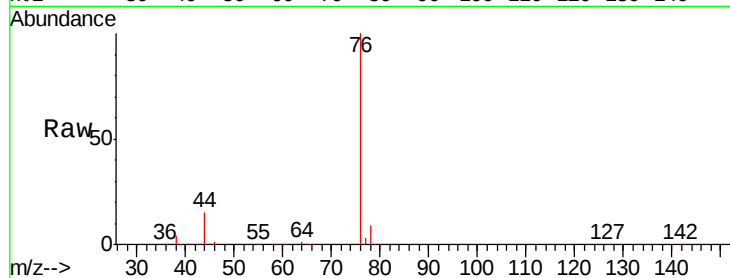
VX0923WBS02

Tgt Ion: 76 Resp: 104987

Ion Ratio Lower Upper

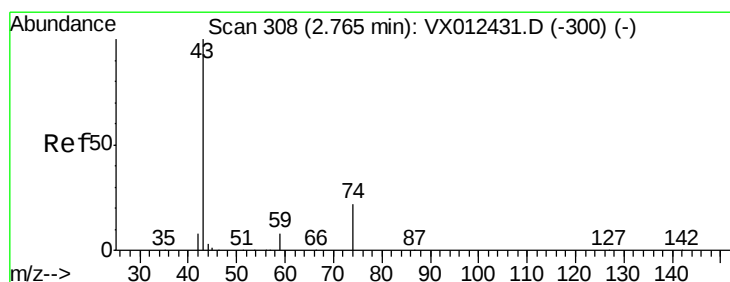
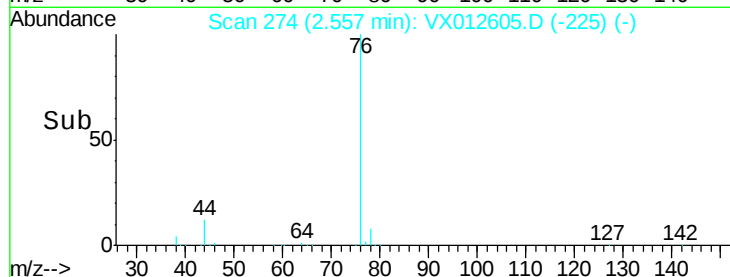
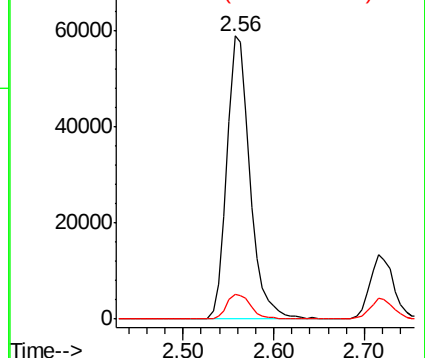
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.371 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012605.D

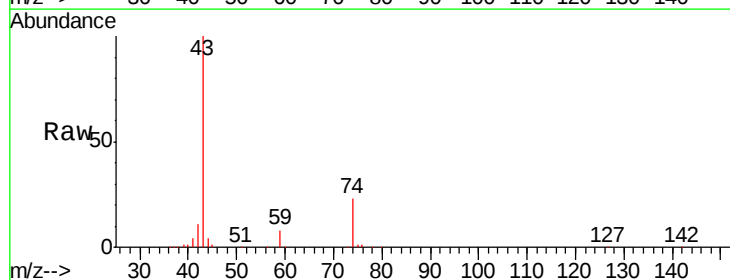
Acq: 23 Sep 2019 15:33

Tgt Ion: 43 Resp: 67786

Ion Ratio Lower Upper

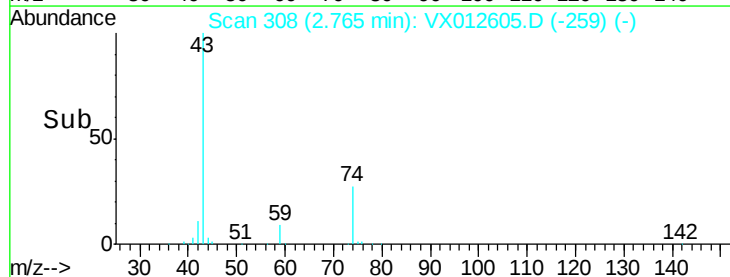
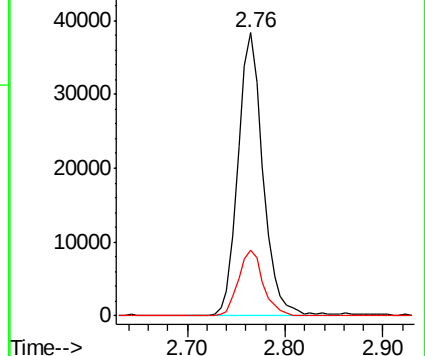
43 100

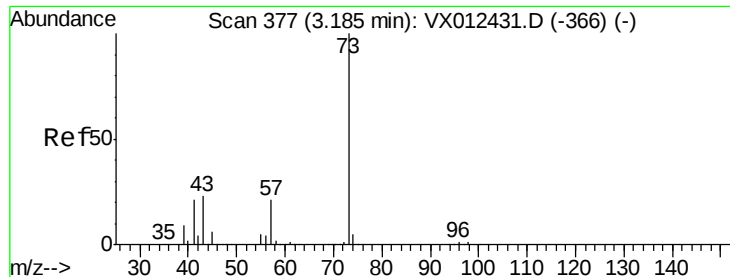
74 22.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

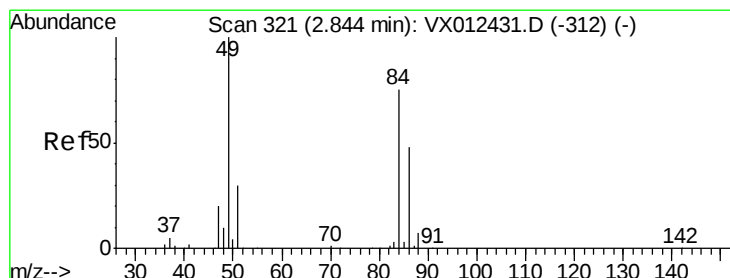
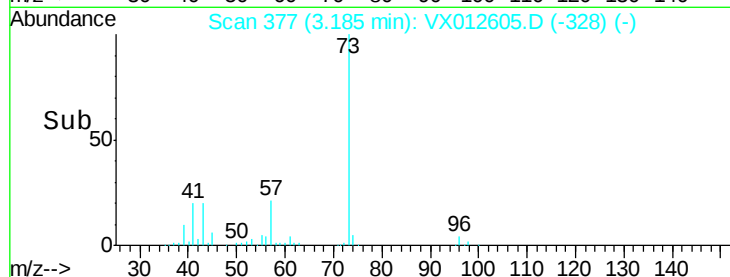
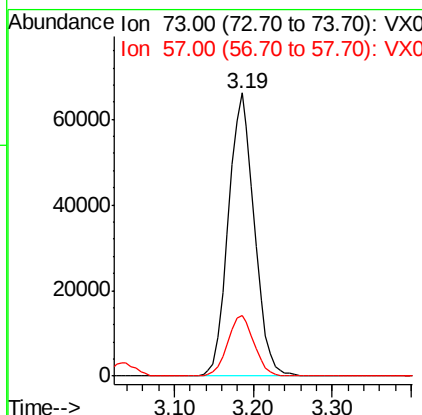
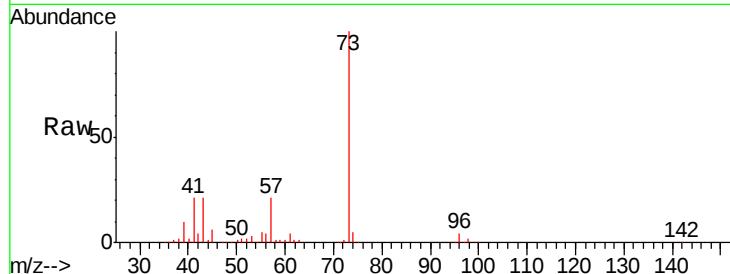




#19
Methyl tert-butyl Ether
Concen: 20.250 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

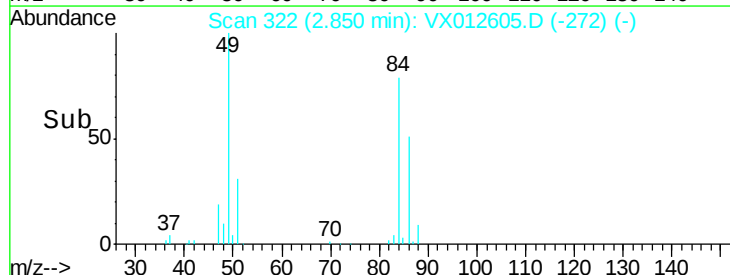
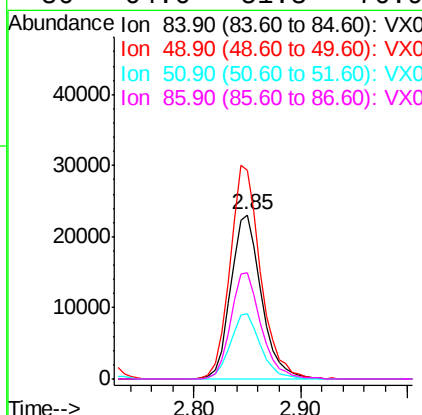
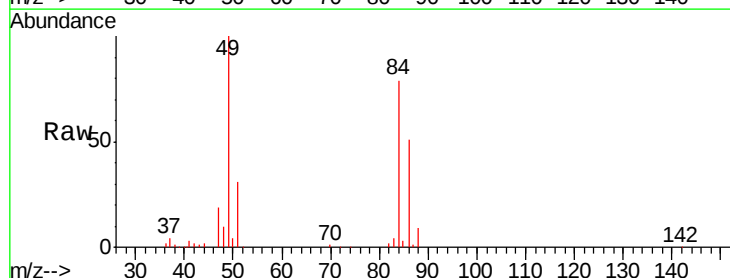
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS02

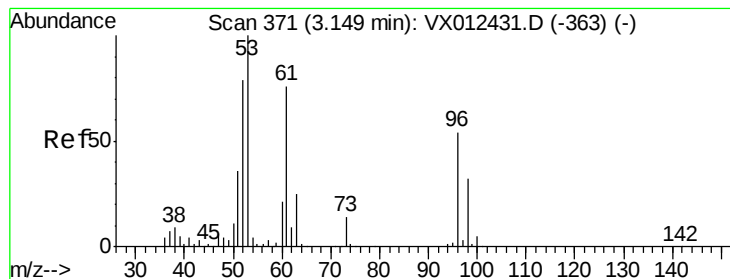
Tgt Ion: 73 Resp: 150987
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2



#20
Methylene Chloride
Concen: 19.485 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion: 84 Resp: 46573
Ion Ratio Lower Upper
84 100
49 126.7 106.8 160.2
51 39.8 32.3 48.5
86 64.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.759 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

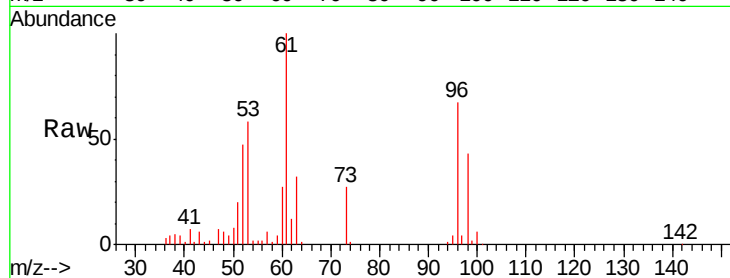
Tgt Ion: 96 Resp: 43122

Ion Ratio Lower Upper

96 100

61 149.9 112.0 168.0

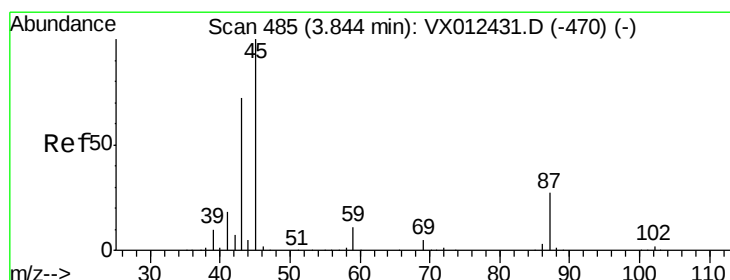
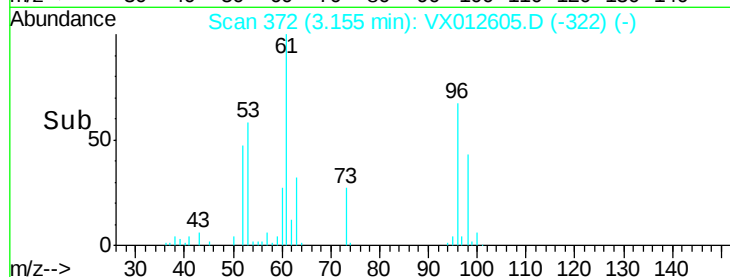
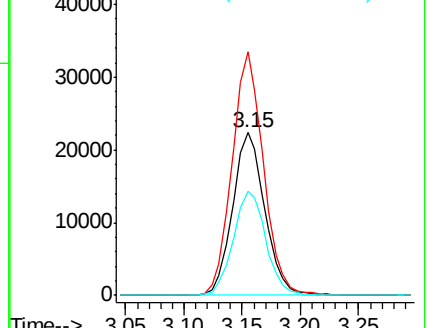
98 63.7 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.059 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Tgt Ion: 45 Resp: 151485

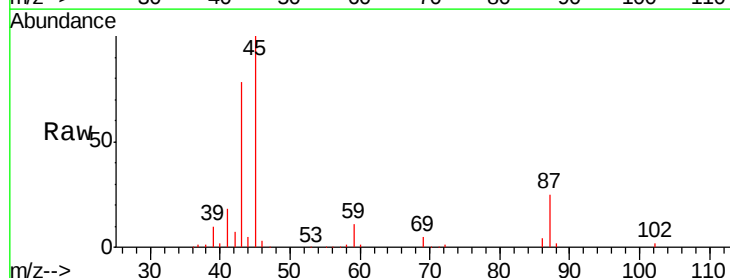
Ion Ratio Lower Upper

45 100

43 77.7 57.8 86.8

87 24.9 21.3 31.9

59 11.1 8.5 12.7

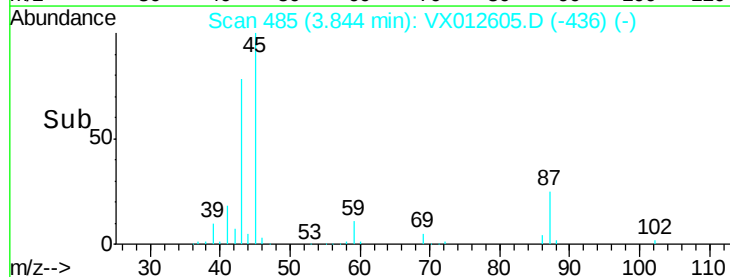
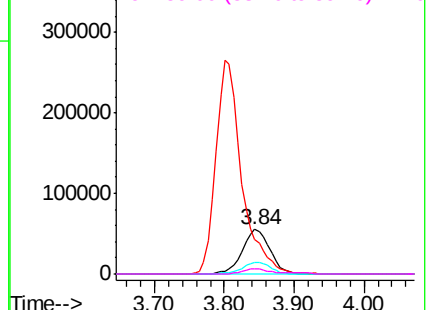


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.632 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

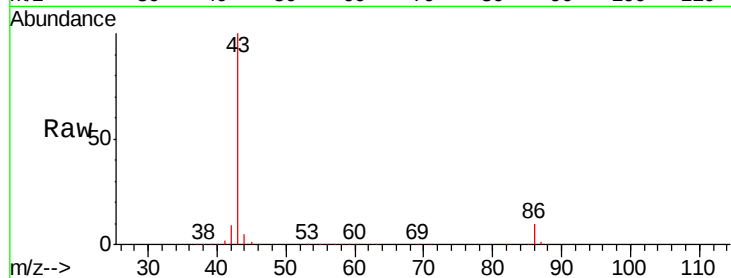
VX0923WBS02

Tgt Ion: 43 Resp: 679701

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

250000

200000

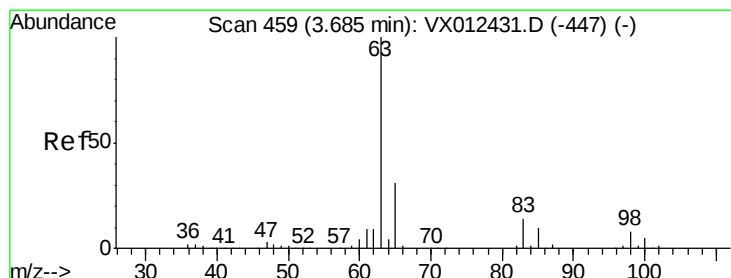
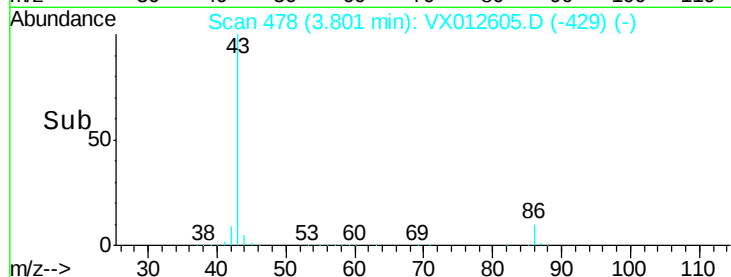
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.197 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

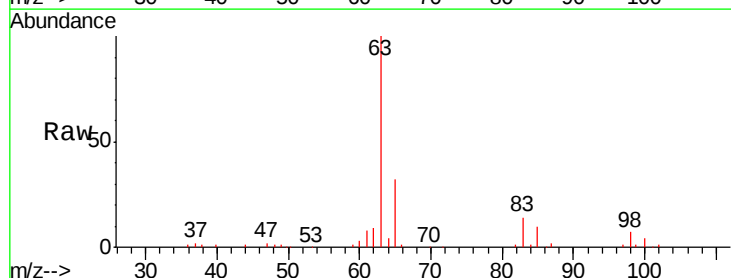
Tgt Ion: 63 Resp: 82910

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.0 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

40000

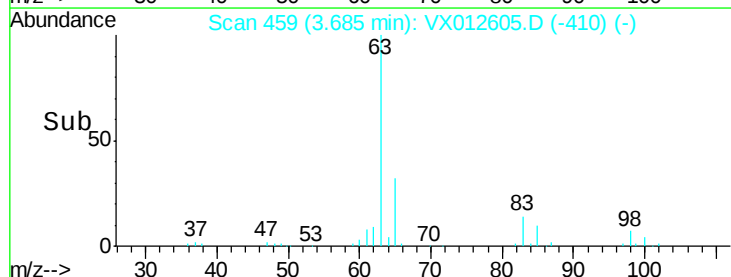
30000

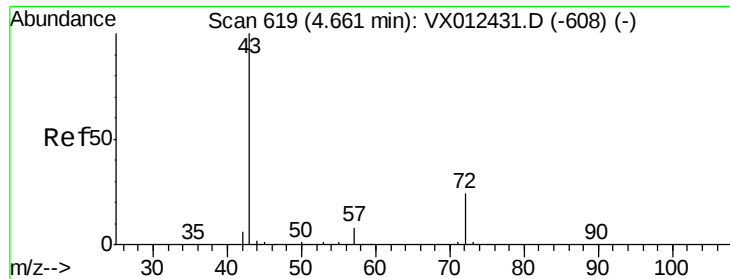
20000

10000

0

Time-->





#25

2-Butanone

Concen: 103.363 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

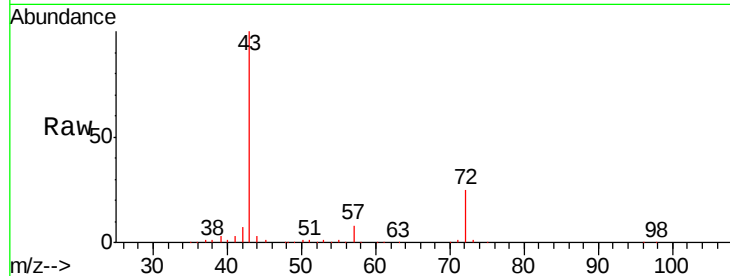
VX0923WBS02

Tgt Ion: 43 Resp: 209446

Ion Ratio Lower Upper

43 100

72 24.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

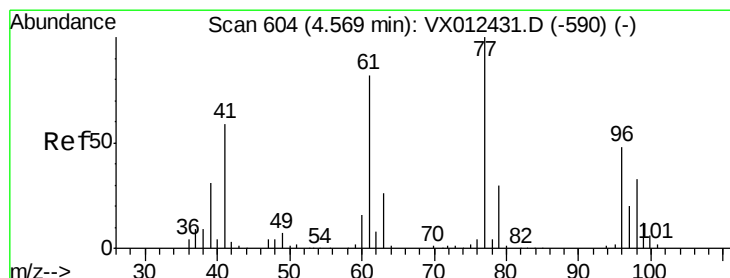
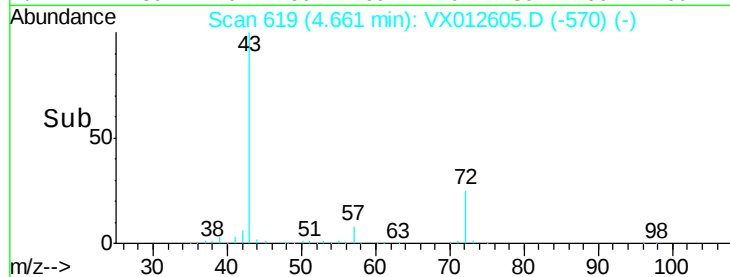
60000

40000

20000

0

Time--> 4.50 4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 19.868 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012605.D

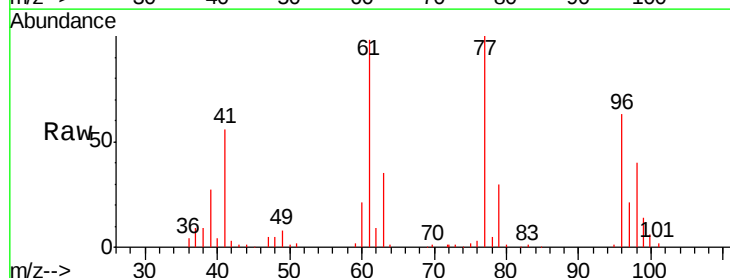
Acq: 23 Sep 2019 15:33

Tgt Ion: 77 Resp: 72537

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

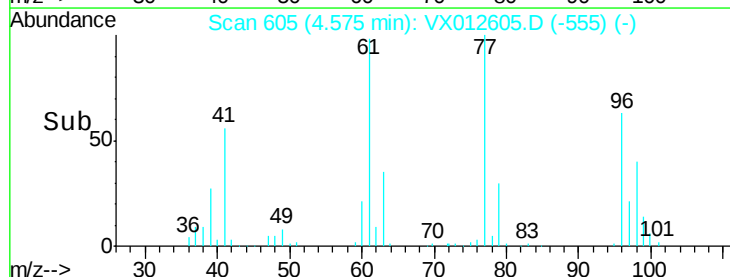
15000

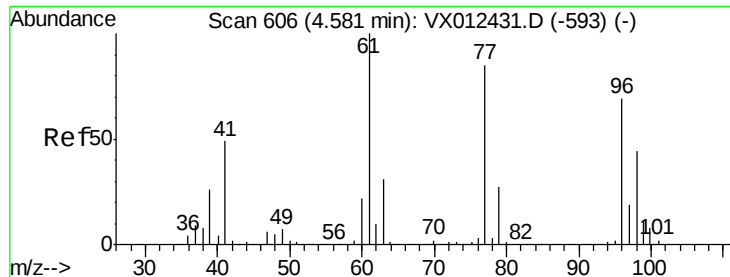
10000

5000

0

Time--> 4.40 4.50 4.60 4.70



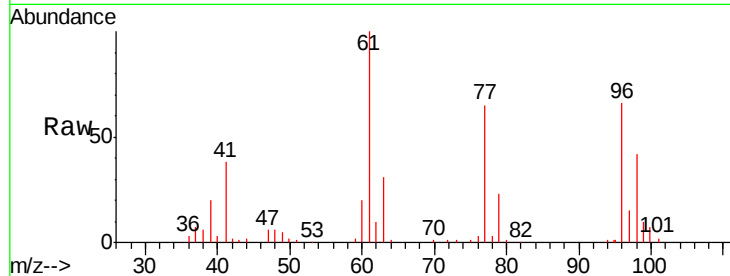


#27

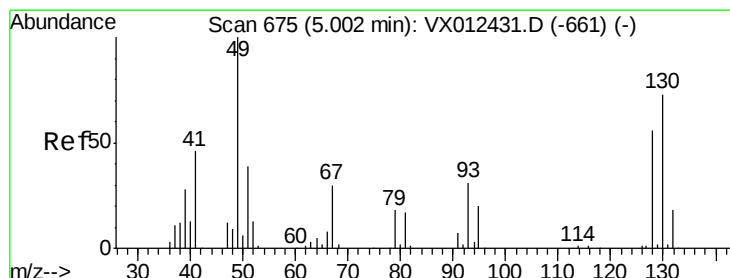
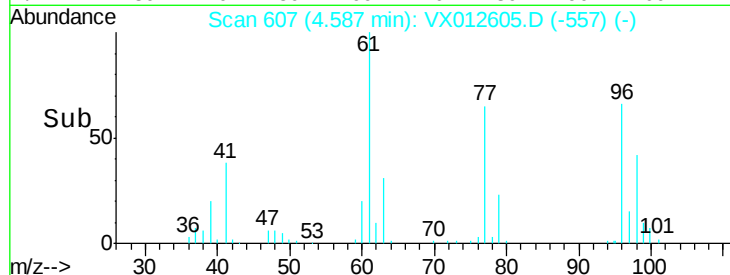
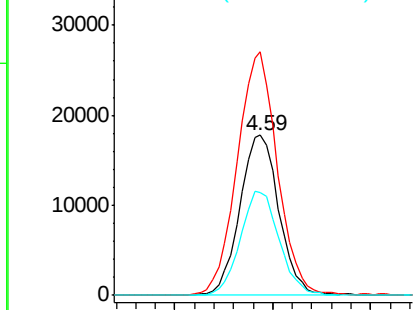
cis-1,2-Dichloroethene
Concen: 19.577 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS02

Tgt Ion: 96 Resp: 49573
Ion Ratio Lower Upper
96 100
61 156.1 0.0 319.4
98 64.8 0.0 130.6



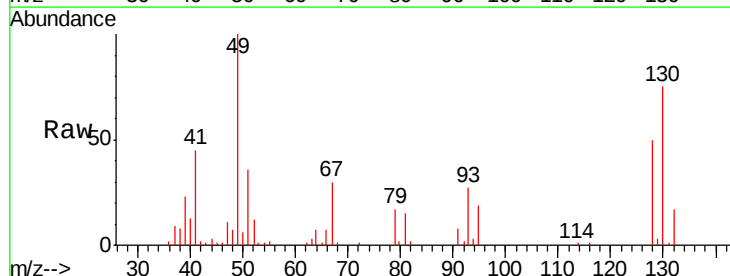
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



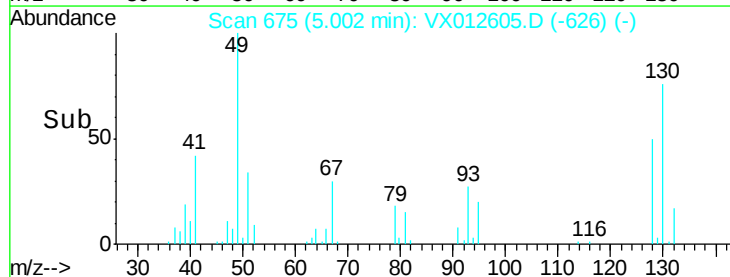
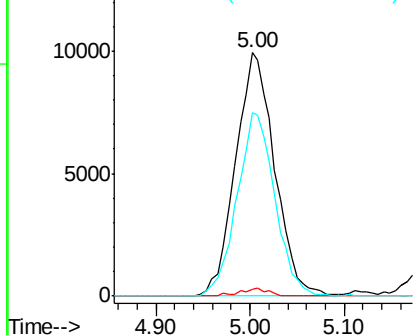
#28

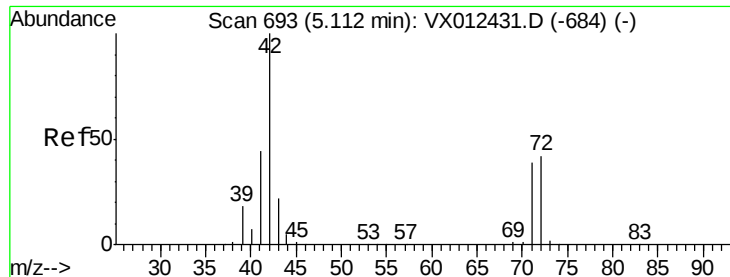
Bromochloromethane
Concen: 19.355 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion: 49 Resp: 28849
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 72.7 58.2 87.4



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

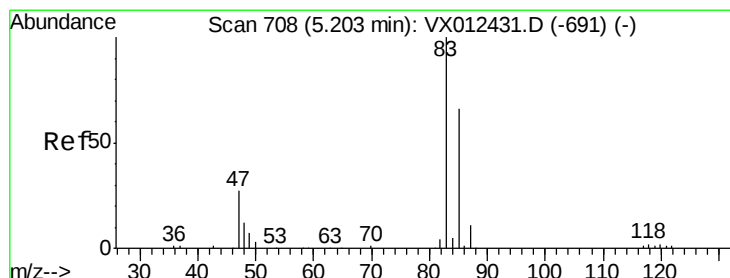
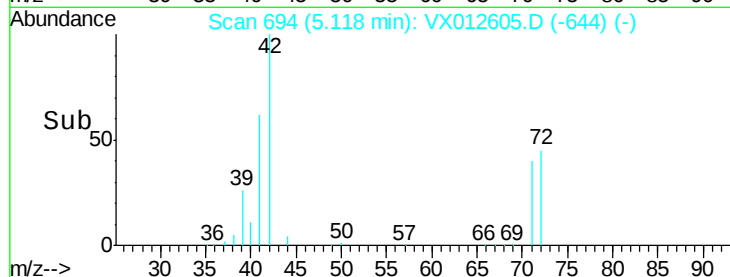
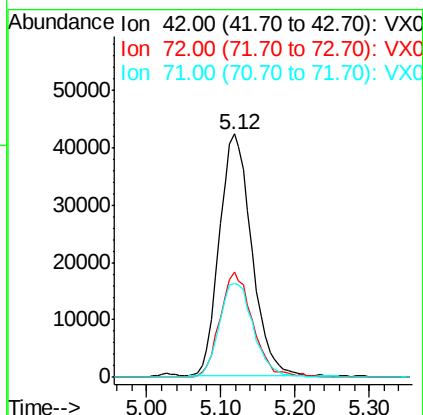
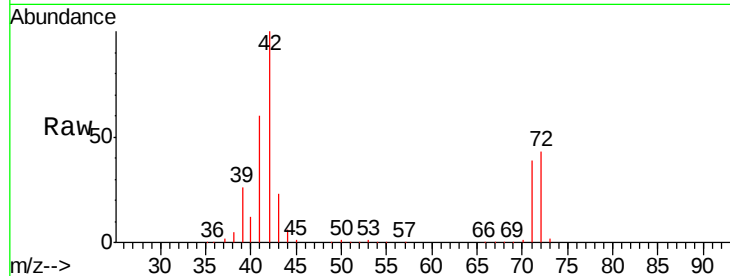




#29
Tetrahydrofuran
Concen: 103.804 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

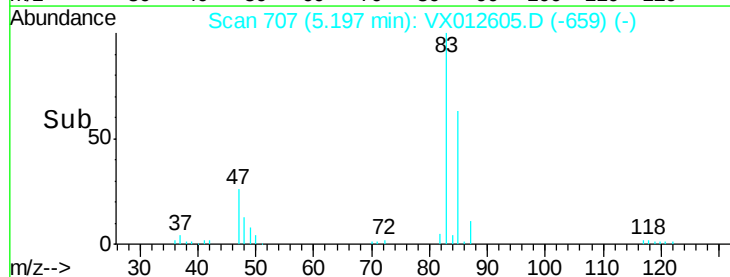
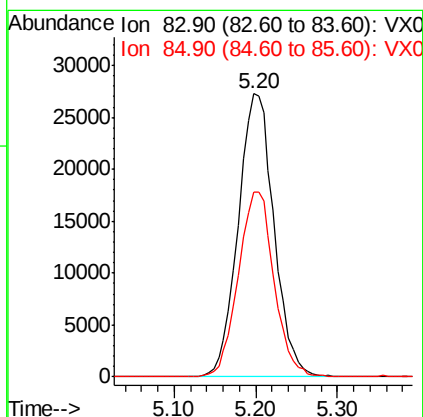
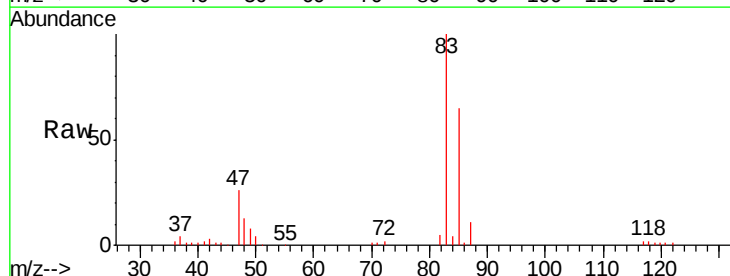
Instrument :
MSVOA_X
ClientSampled :
VX0923WBS02

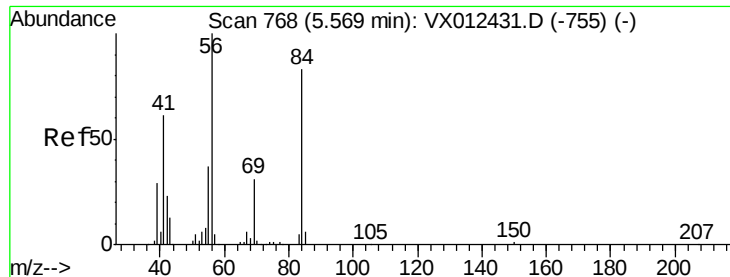
Tgt Ion: 42 Resp: 128202
Ion Ratio Lower Upper
42 100
72 44.1 34.0 51.0
71 41.1 31.5 47.3



#30
Chloroform
Concen: 19.783 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion: 83 Resp: 83083
Ion Ratio Lower Upper
83 100
85 65.4 53.0 79.4





#31

Cyclohexane

Concen: 19.965 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

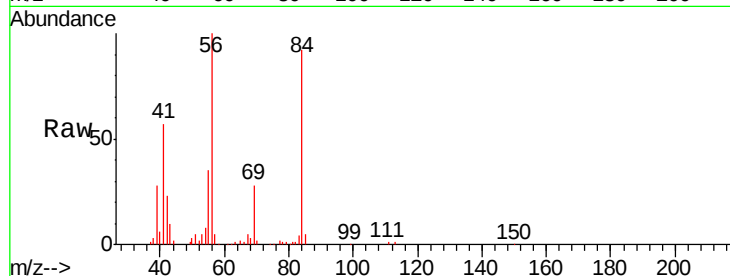
Tgt Ion: 56 Resp: 74145

Ion Ratio Lower Upper

56 100

69 27.6 25.0 37.6

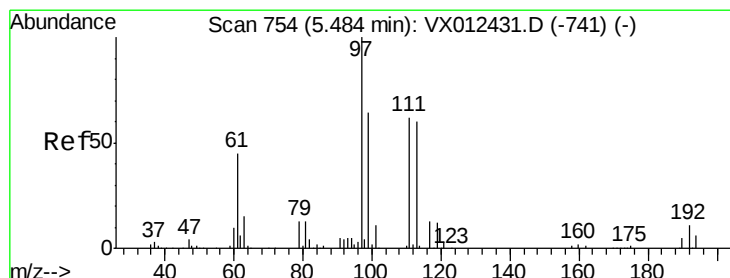
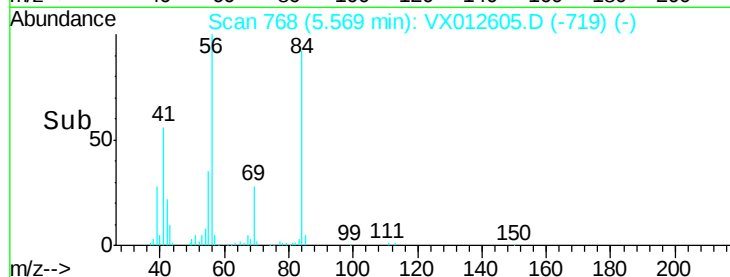
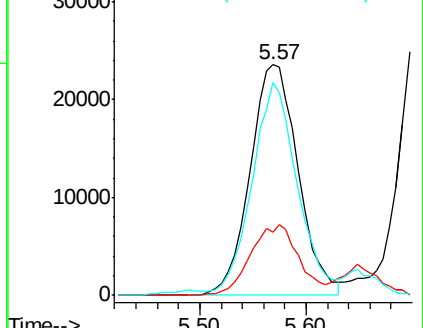
84 89.9 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.794 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

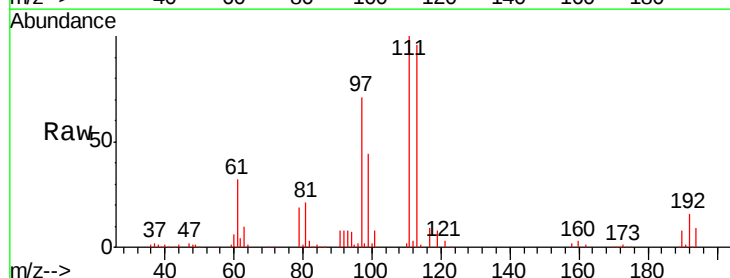
Tgt Ion: 97 Resp: 73676

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

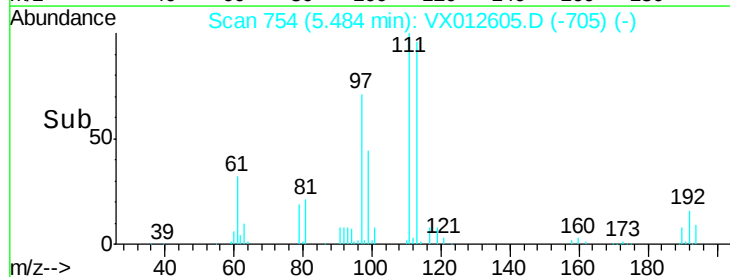
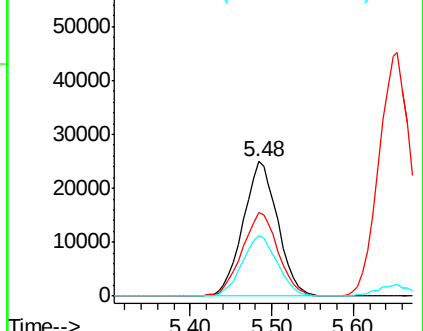
61 45.5 36.1 54.1

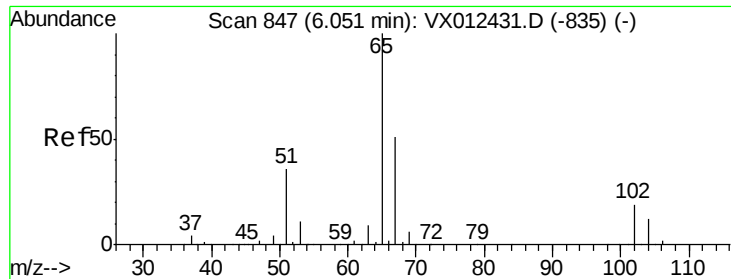


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

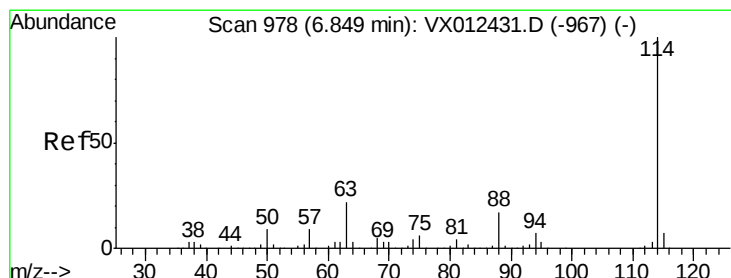
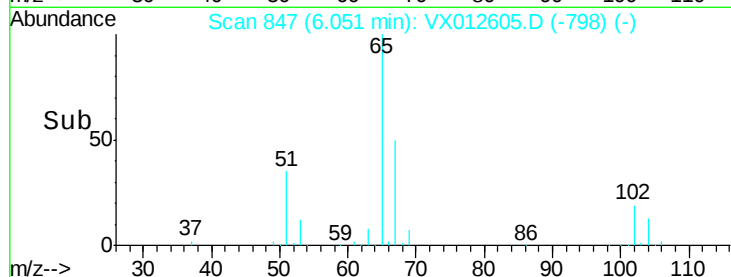
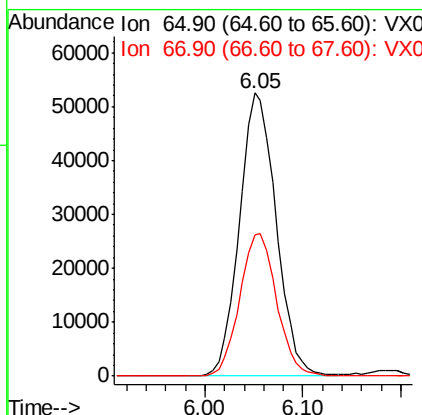
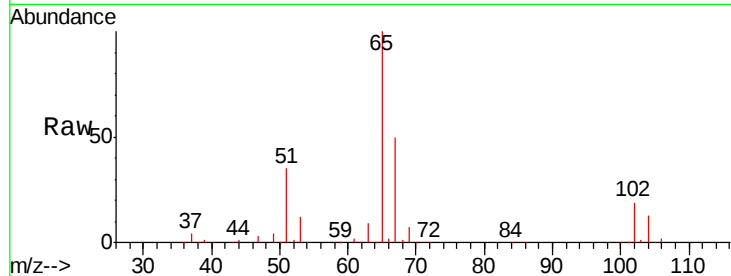




#33
 1,2-Dichloroethane-d4
 Concen: 51.304 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

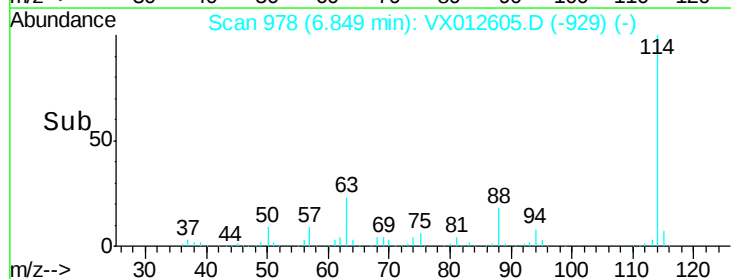
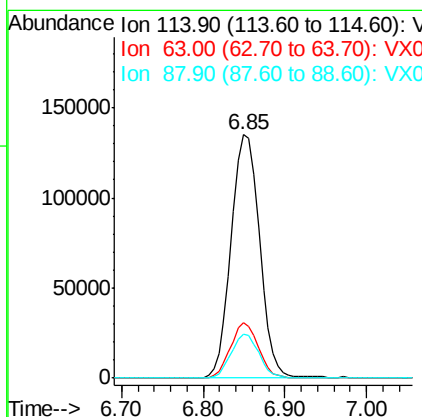
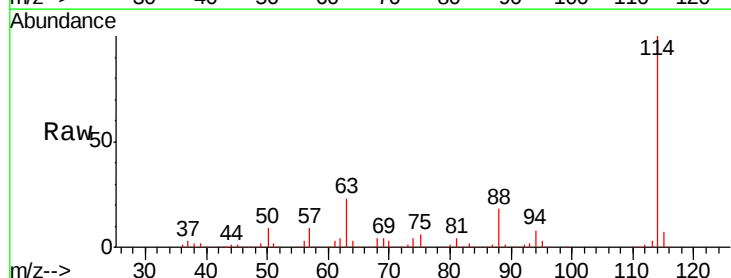
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

Tgt Ion: 65 Resp: 136880
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion: 114 Resp: 326980
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.2
 88 18.2 0.0 33.2

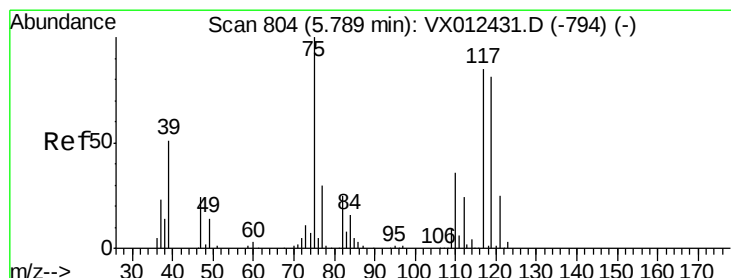
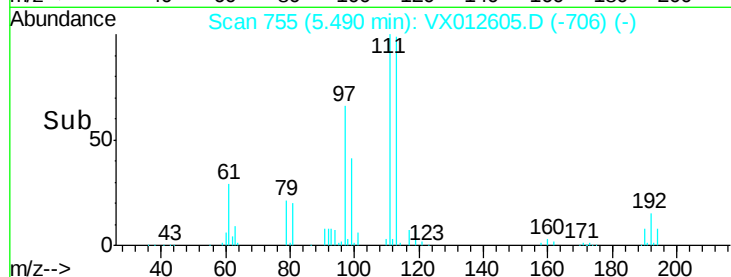
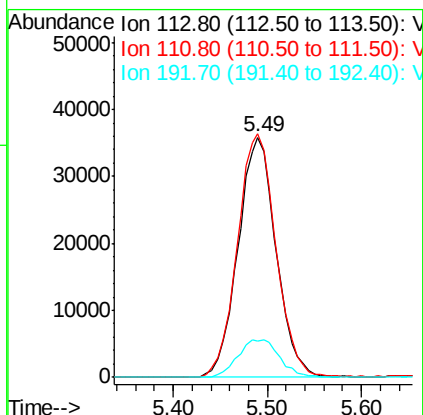
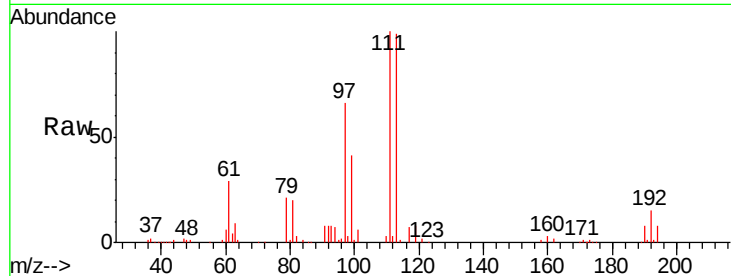




#35
 Dibromofluoromethane
 Concen: 51.829 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

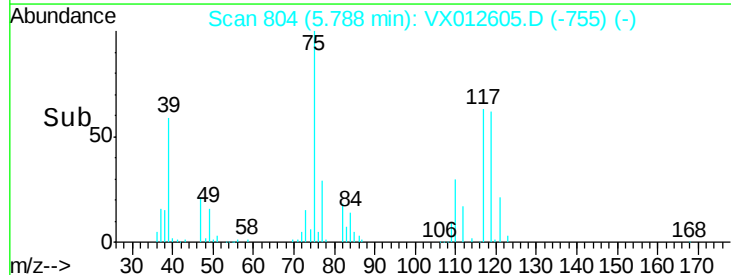
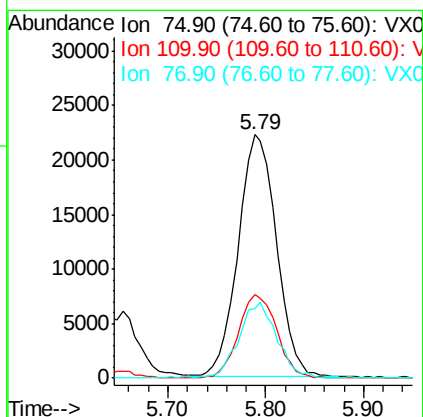
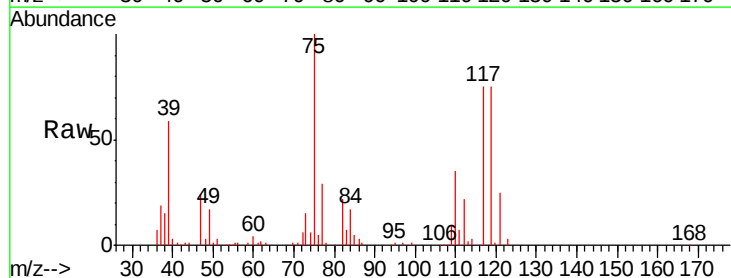
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

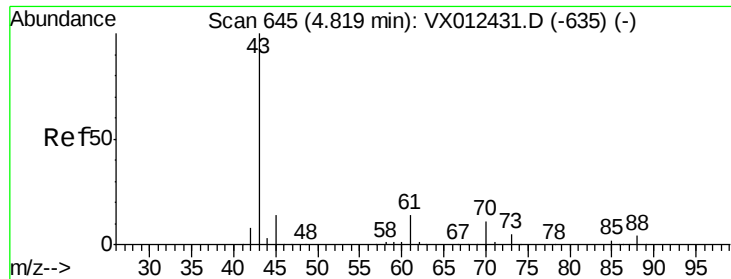
Tgt Ion: 113 Resp: 100926
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.4 125.2
 192 17.1 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 19.281 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion: 75 Resp: 60769
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.7 50.0
 77 30.9 24.2 36.2

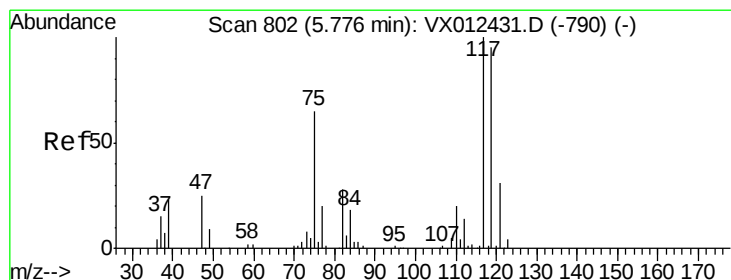
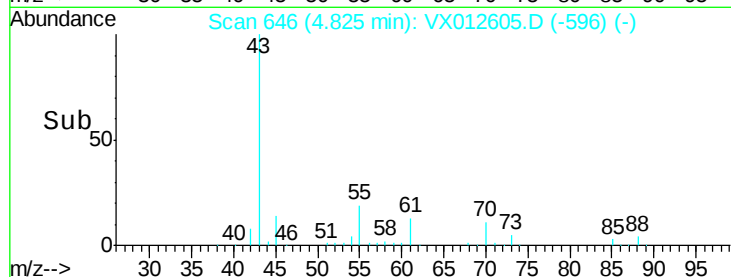
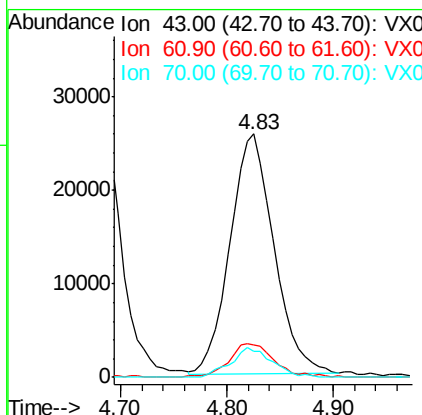
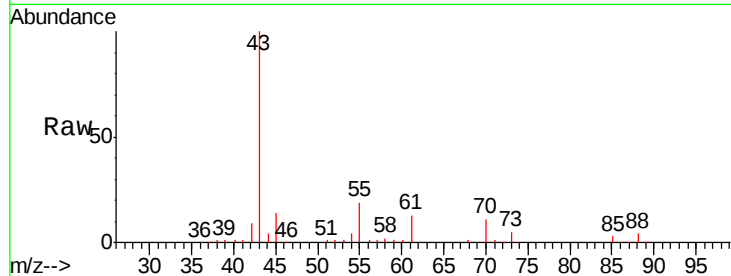




#37
Ethyl Acetate
Concen: 20.036 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

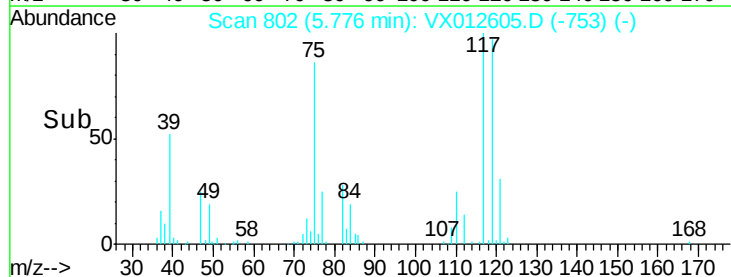
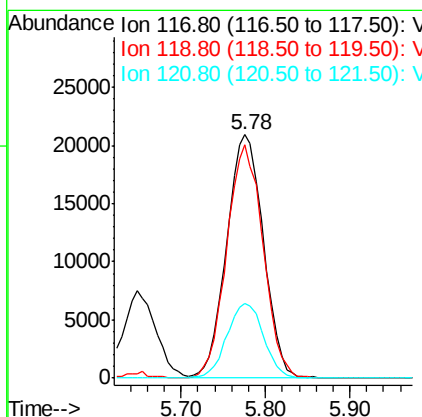
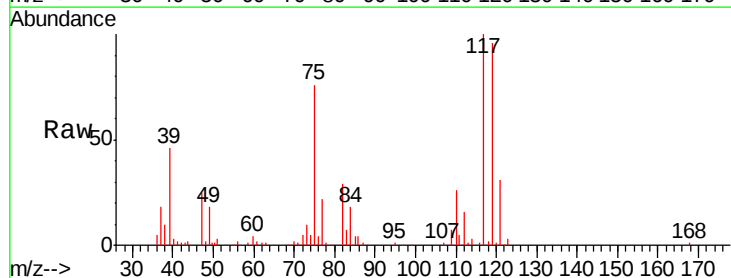
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS02

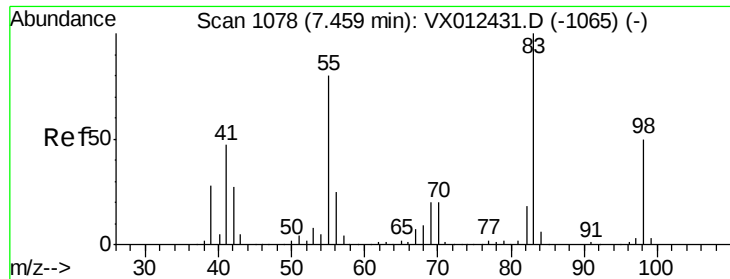
Tgt Ion: 43 Resp: 73827
Ion Ratio Lower Upper
43 100
61 14.7 10.2 15.4
70 11.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.348 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion: 117 Resp: 61945
Ion Ratio Lower Upper
117 100
119 96.0 75.7 113.5
121 30.8 24.2 36.4

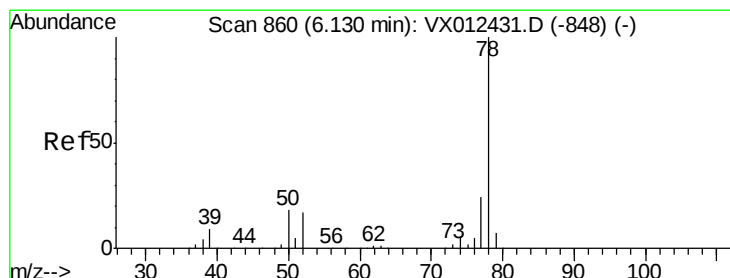
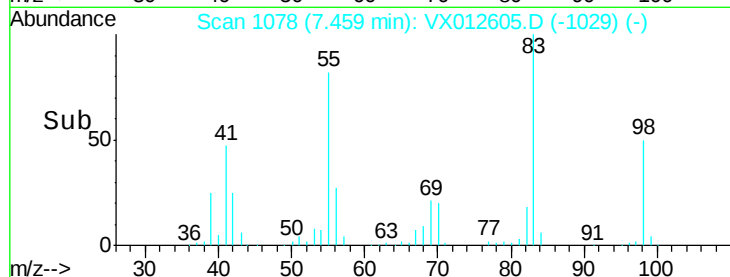
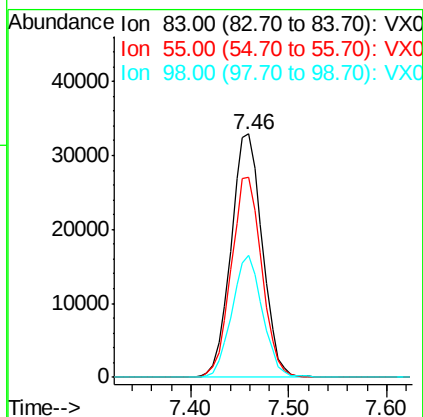
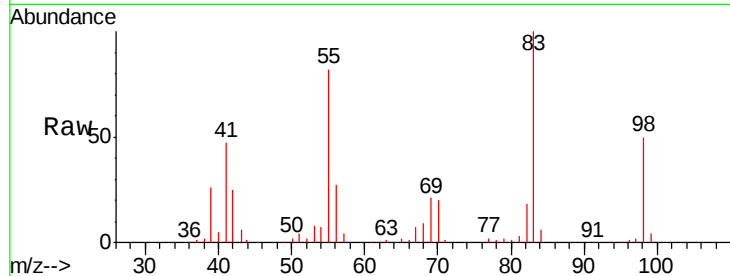




#39
Methylcyclohexane
Concen: 19.217 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

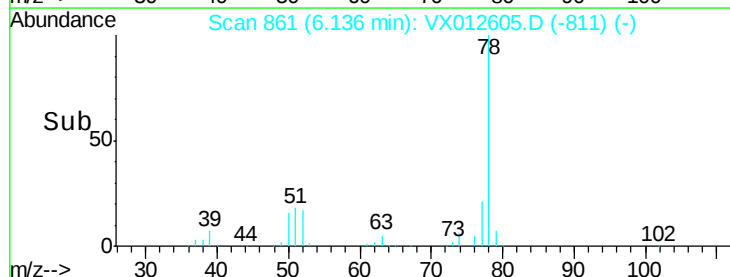
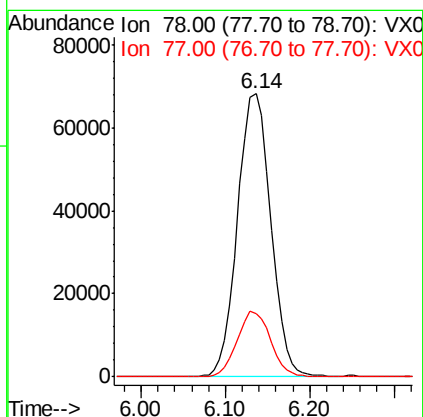
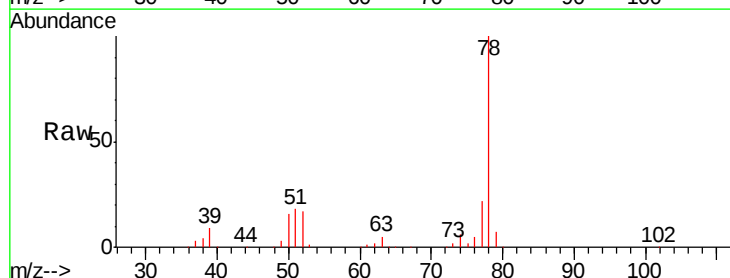
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS02

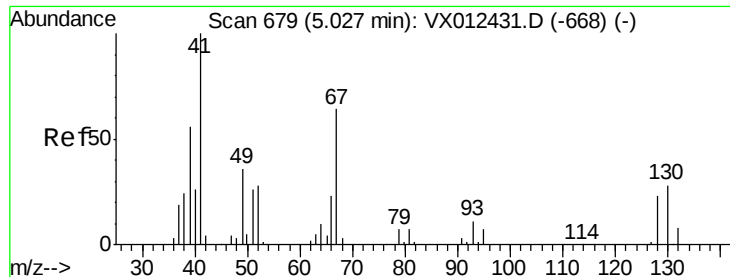
Tgt Ion: 83 Resp: 72914
Ion Ratio Lower Upper
83 100
55 82.3 64.4 96.6
98 50.4 40.1 60.1



#40
Benzene
Concen: 19.713 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion: 78 Resp: 182806
Ion Ratio Lower Upper
78 100
77 22.4 19.2 28.8

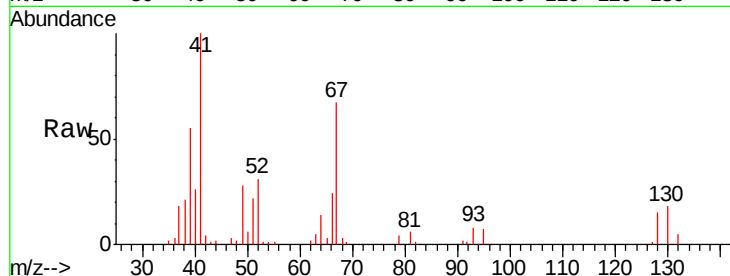




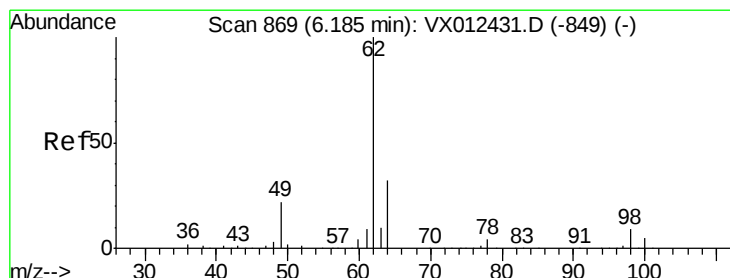
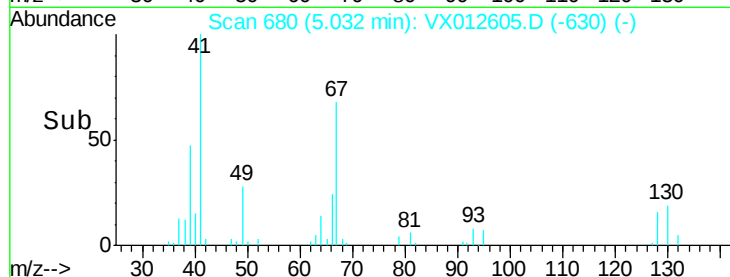
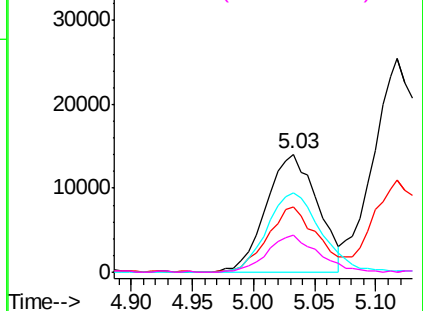
#41
Methacrylonitrile
Concen: 19.896 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS02

Tgt Ion:	41	Resp:	41133
Ion	Ratio	Lower	Upper
41	100		
39	54.2	46.0	69.0
67	71.3	52.2	78.2
52	31.2	22.7	34.1

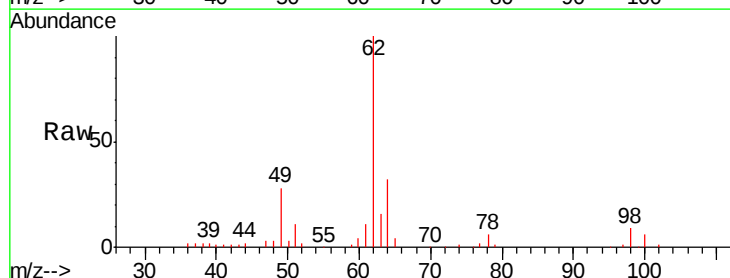


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

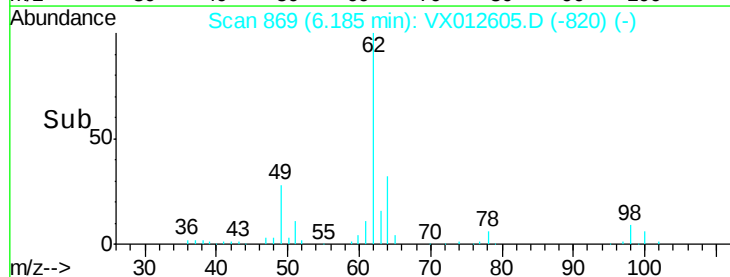
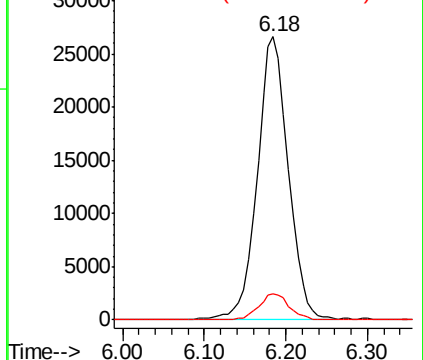


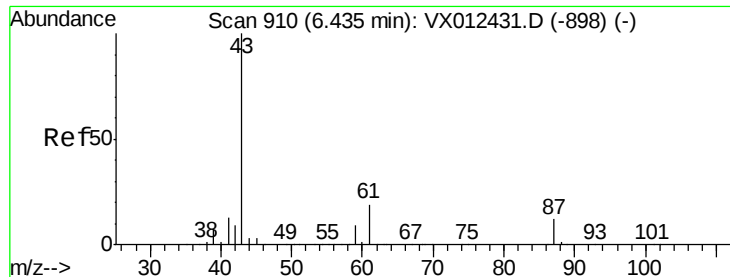
#42
1,2-Dichloroethane
Concen: 20.001 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion:	62	Resp:	70434
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 19.454 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

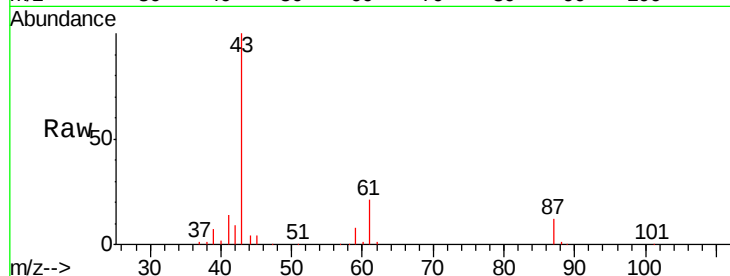
Tgt Ion: 43 Resp: 119876

Ion Ratio Lower Upper

43 100

61 19.9 15.4 23.0

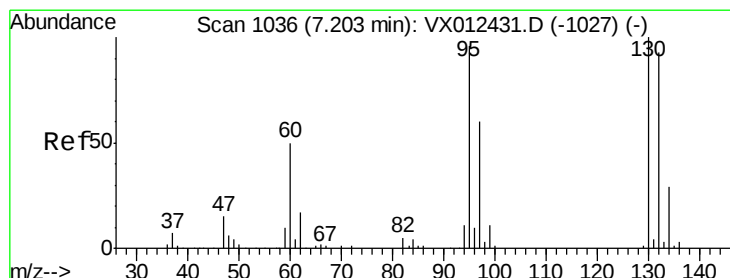
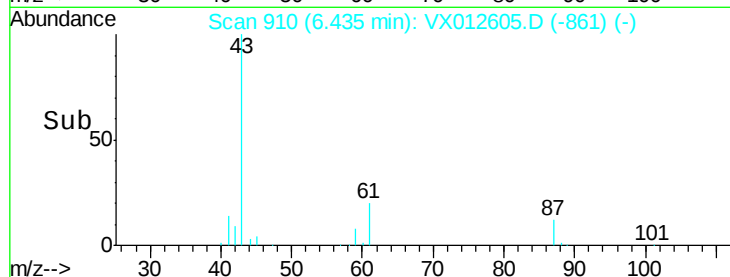
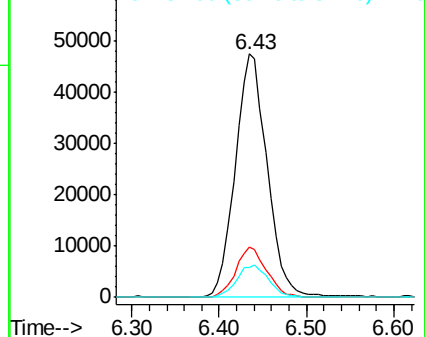
87 13.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.494 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012605.D

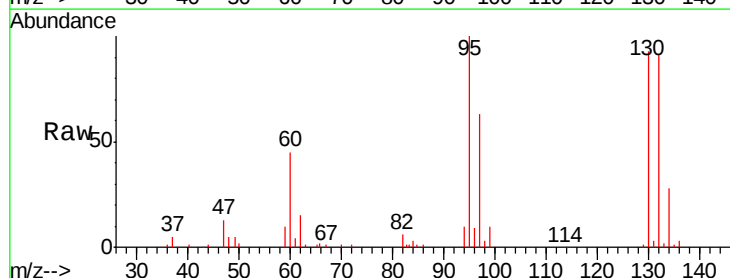
Acq: 23 Sep 2019 15:33

Tgt Ion: 130 Resp: 46215

Ion Ratio Lower Upper

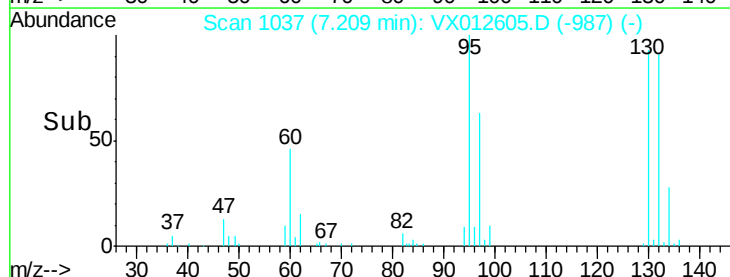
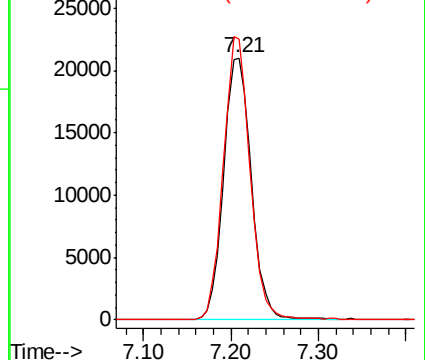
130 100

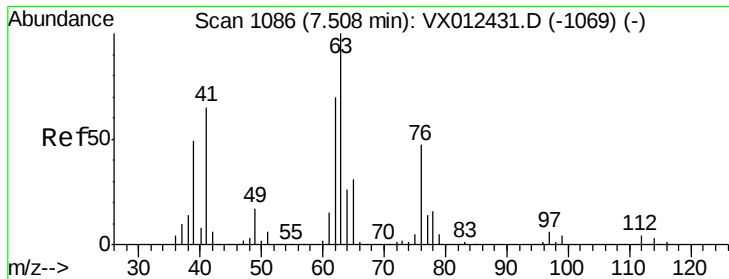
95 107.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.775 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

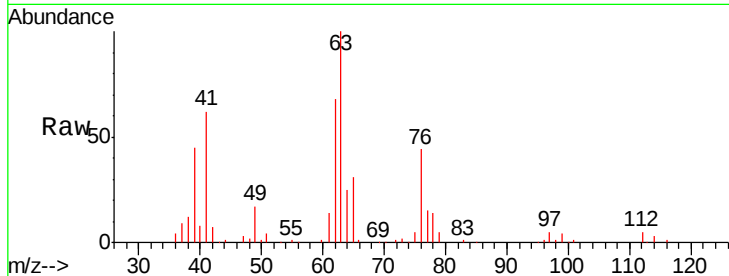
VX0923WBS02

Tgt Ion: 63 Resp: 46949

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

10000

5000

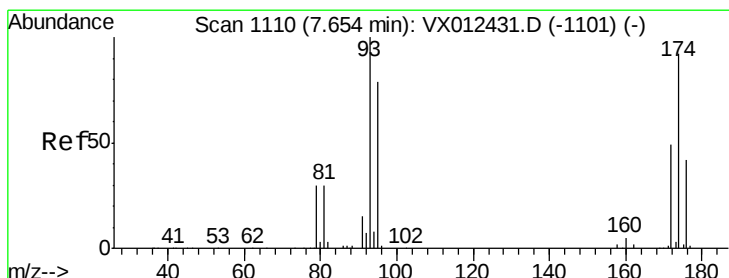
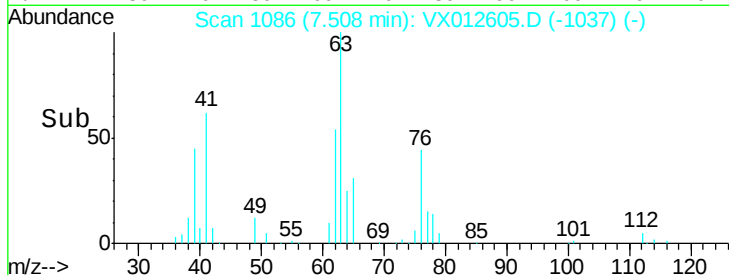
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 19.911 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

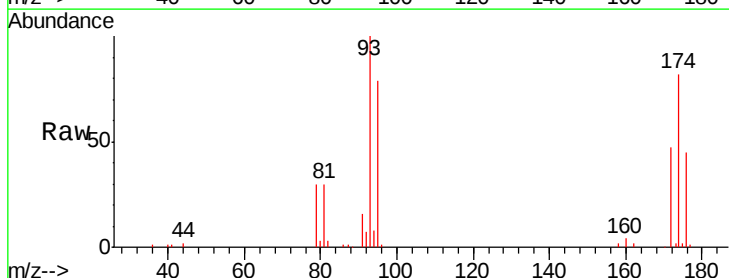
Tgt Ion: 93 Resp: 32186

Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

174 87.1 77.4 116.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

20000

15000

10000

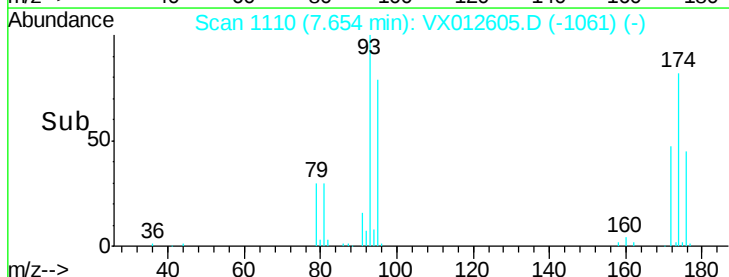
5000

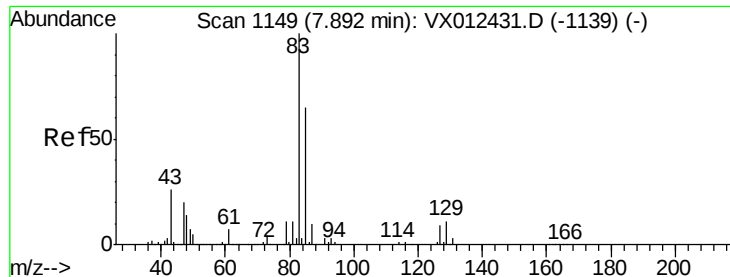
0

Time-->

7.60

7.70





#47

Bromodichloromethane

Concen: 19.282 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

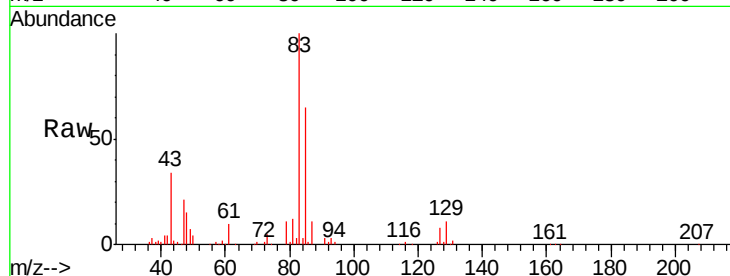
Tgt Ion: 83 Resp: 62294

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

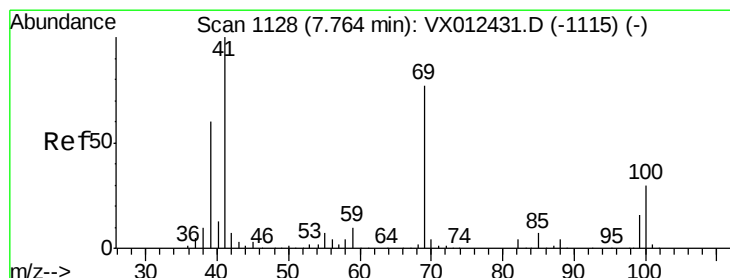
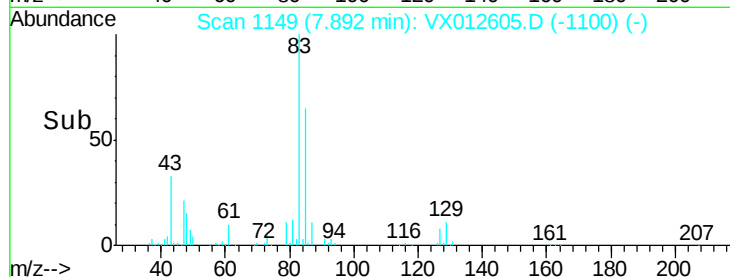
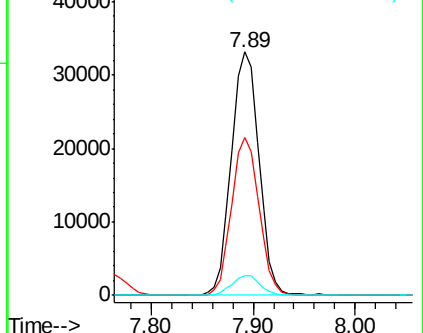
127 8.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.107 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

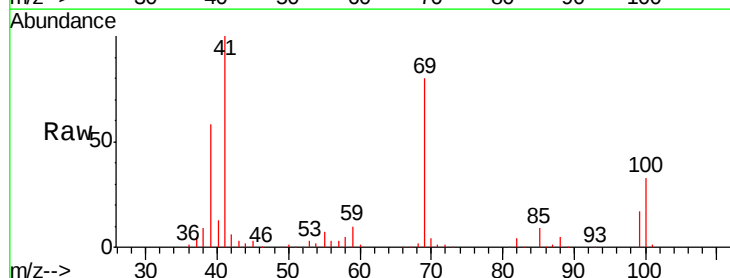
Tgt Ion: 41 Resp: 59409

Ion Ratio Lower Upper

41 100

69 78.6 59.9 89.9

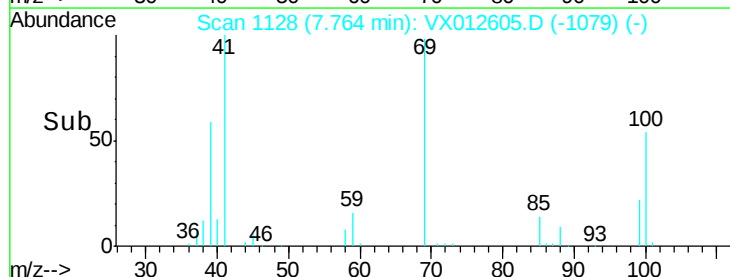
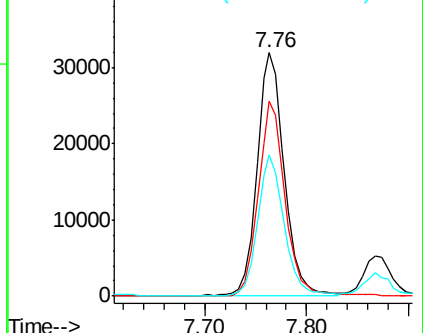
39 56.8 47.8 71.6

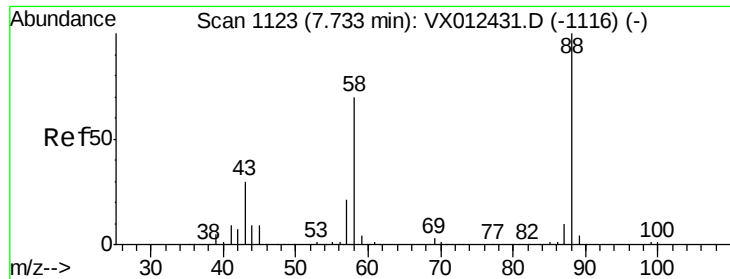


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

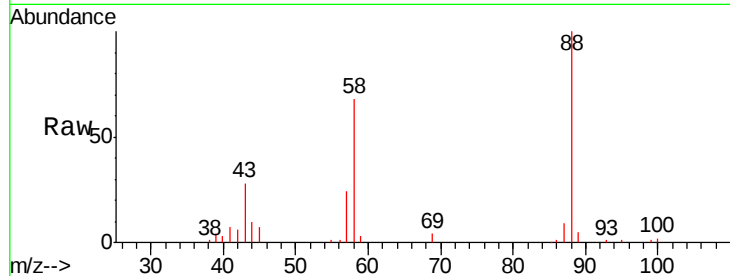




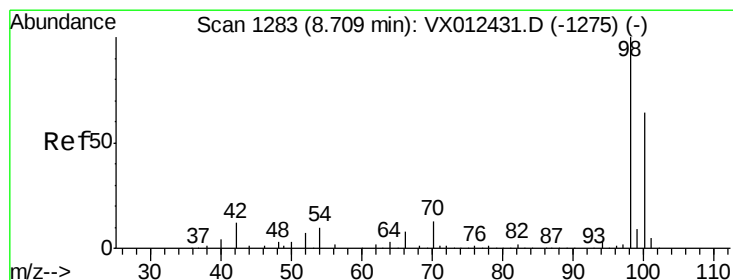
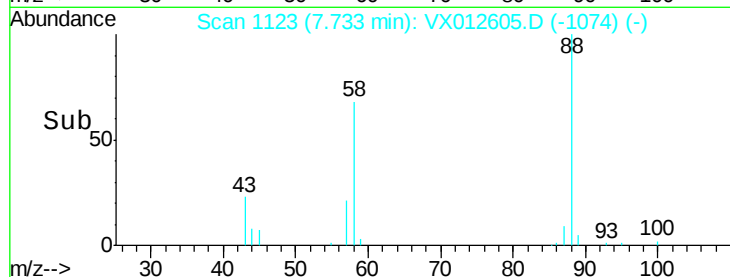
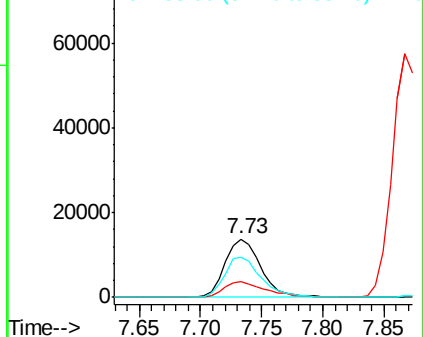
#49
1,4-Dioxane
Concen: 414.480 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS02

Tgt Ion: 88 Resp: 27777
Ion Ratio Lower Upper
88 100
43 31.1 29.4 44.0
58 71.5 57.5 86.3

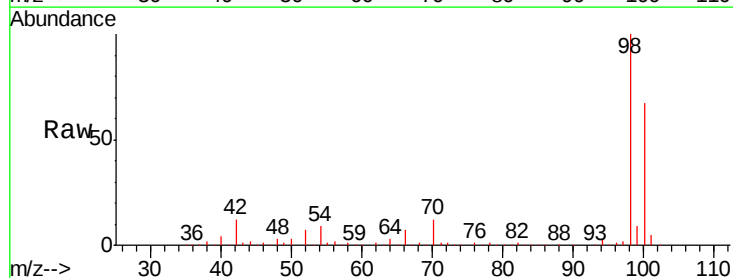


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

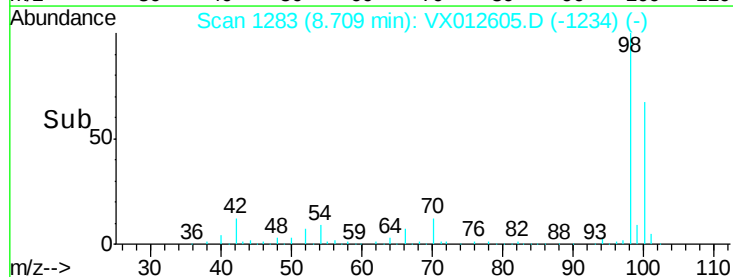
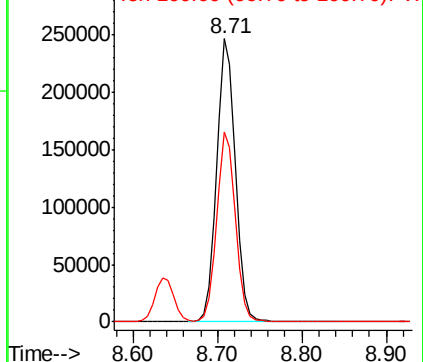


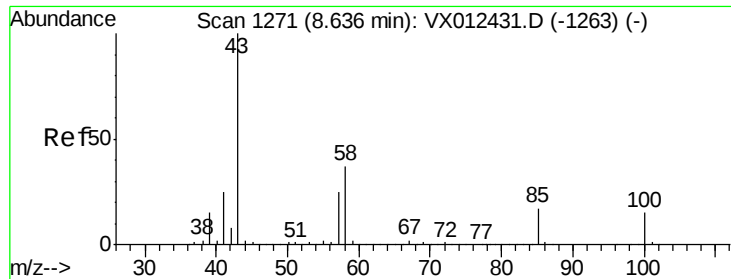
#50
Toluene-d8
Concen: 50.882 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion: 98 Resp: 381574
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 101.266 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

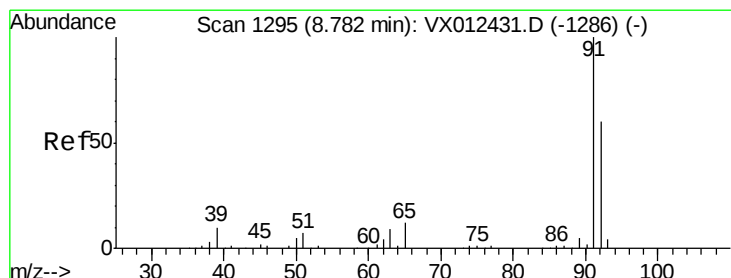
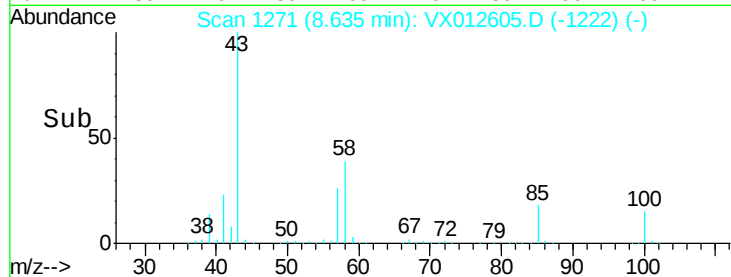
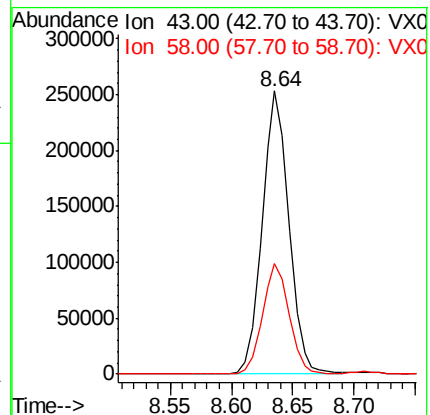
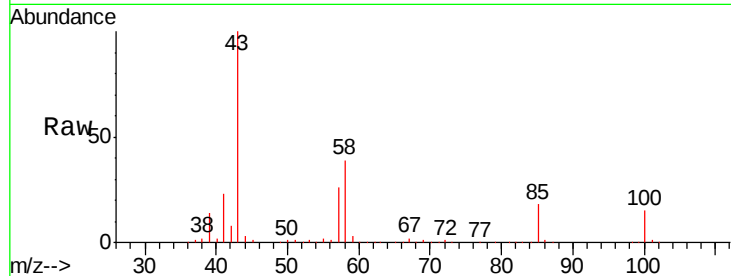
VX0923WBS02

Tgt Ion: 43 Resp: 385183

Ion Ratio Lower Upper

43 100

58 39.0 29.8 44.6



#52

Toluene

Concen: 19.728 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012605.D

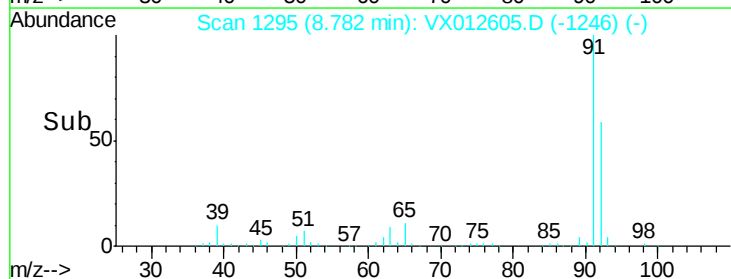
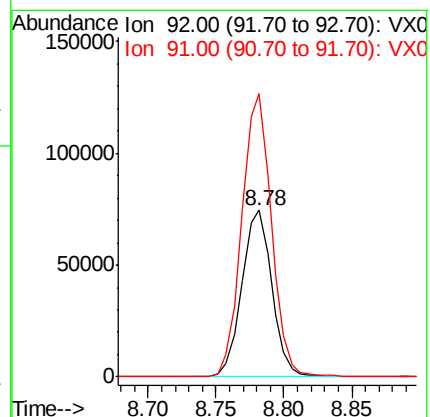
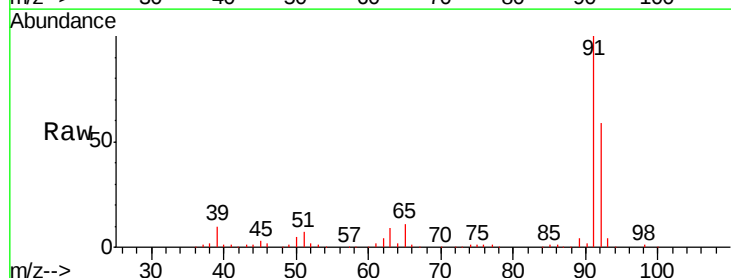
Acq: 23 Sep 2019 15:33

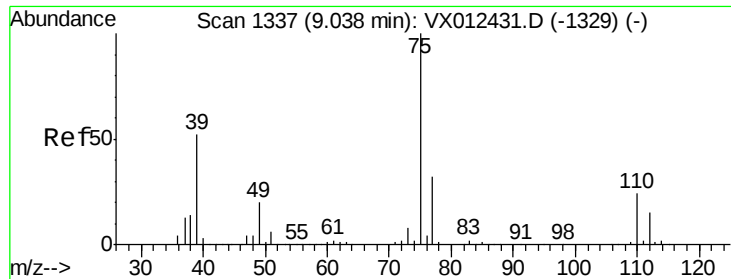
Tgt Ion: 92 Resp: 114984

Ion Ratio Lower Upper

92 100

91 168.4 135.4 203.0

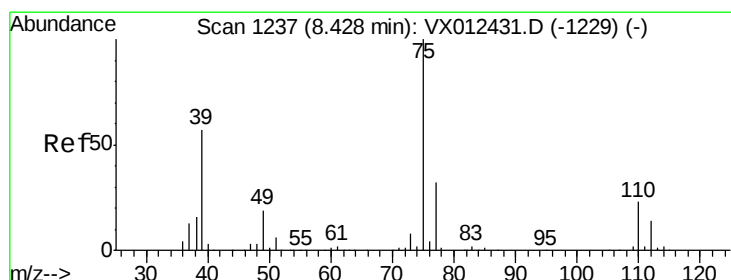
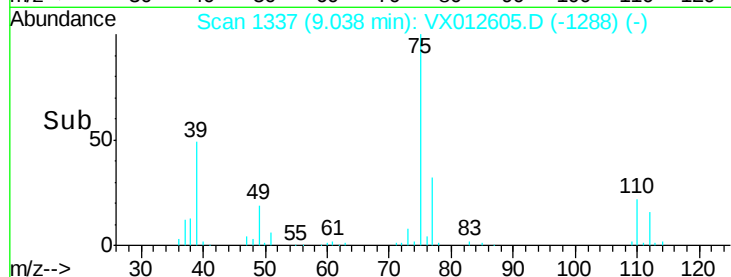
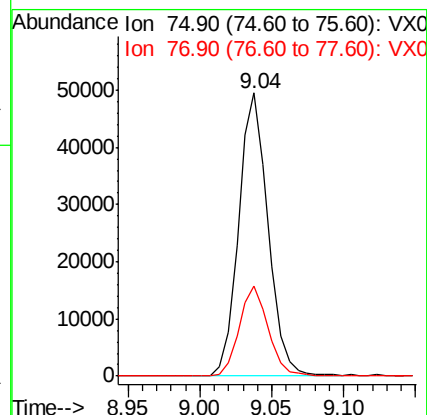
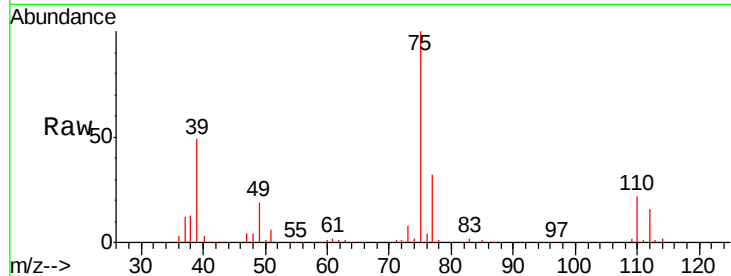




#53
 t-1,3-Dichloropropene
 Concen: 19.691 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

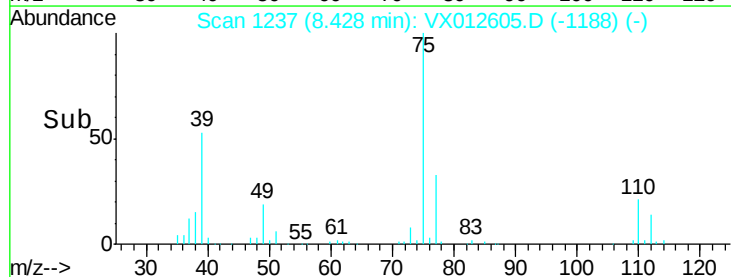
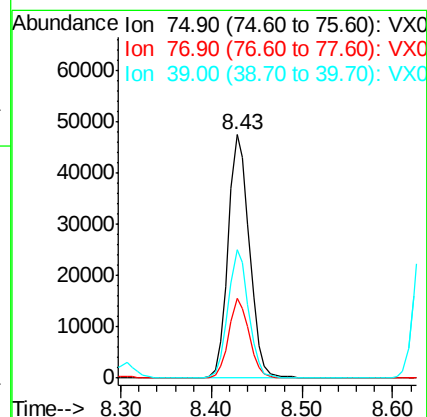
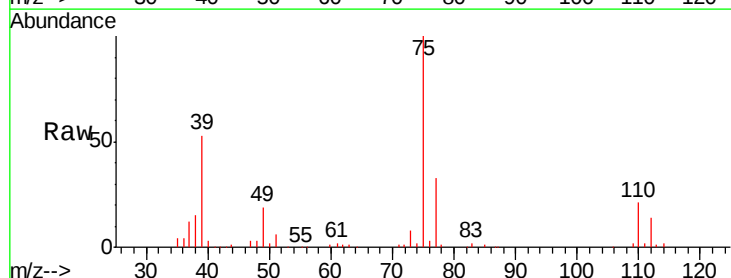
Instrument :
 MSVOA_X
 ClientSampled :
 VX0923WBS02

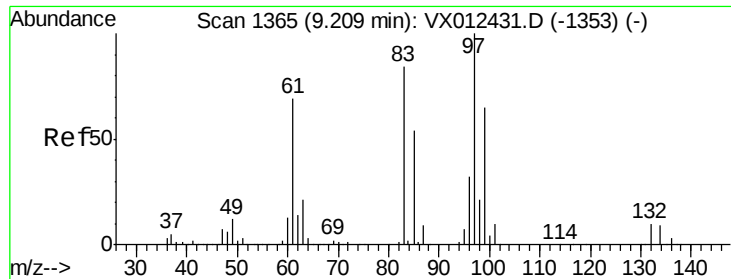
Tgt Ion: 75 Resp: 70385
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.849 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion: 75 Resp: 77468
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.8
 39 52.7 45.5 68.3

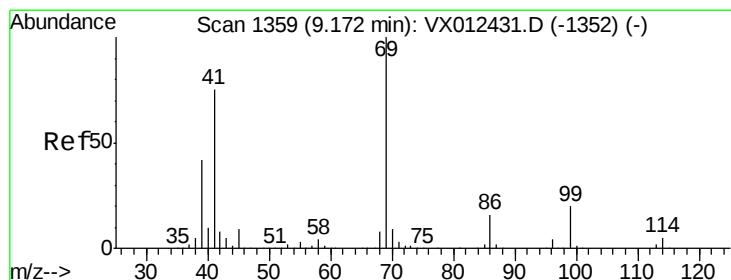
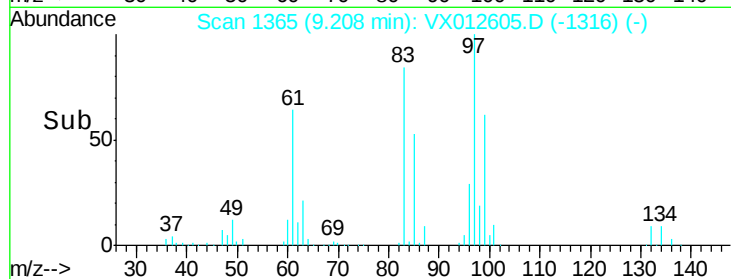
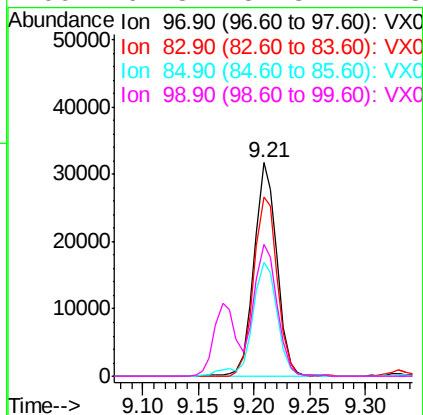
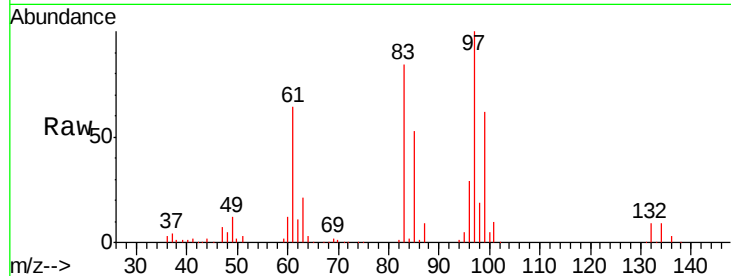




#55
 1,1,2-Trichloroethane
 Concen: 19.685 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

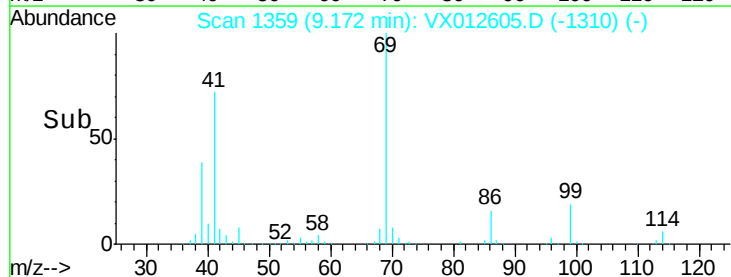
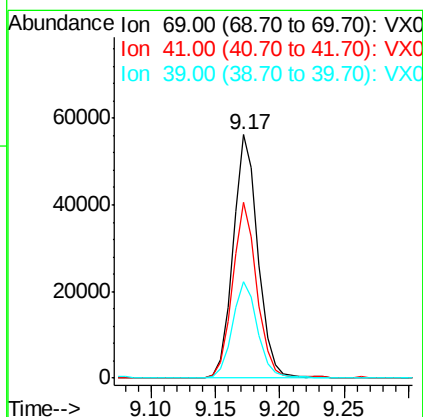
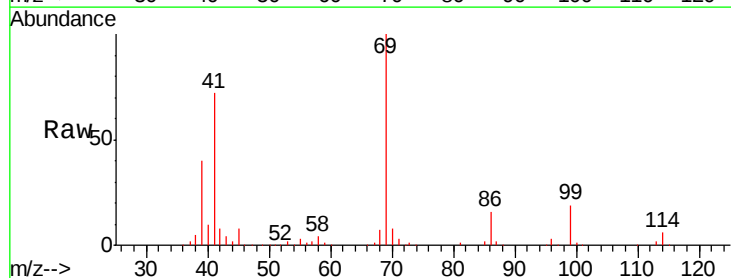
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

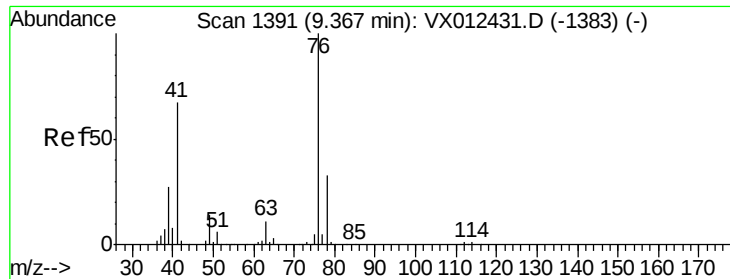
Tgt Ion:	97	Resp:	45614
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.4	101.2
85	53.4	43.5	65.3
99	61.8	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 19.400 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion:	69	Resp:	75522
Ion	Ratio	Lower	Upper
69	100		
41	71.8	58.4	87.6
39	39.9	33.4	50.0

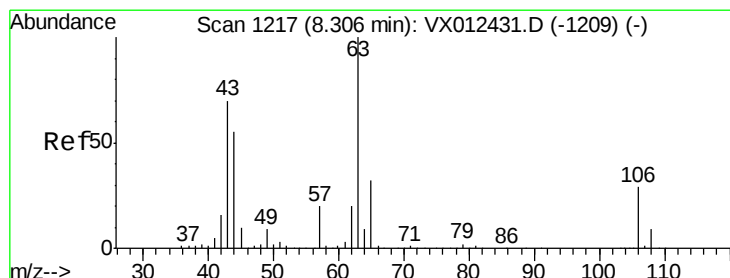
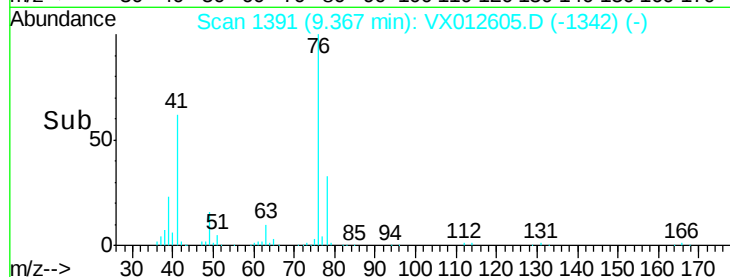
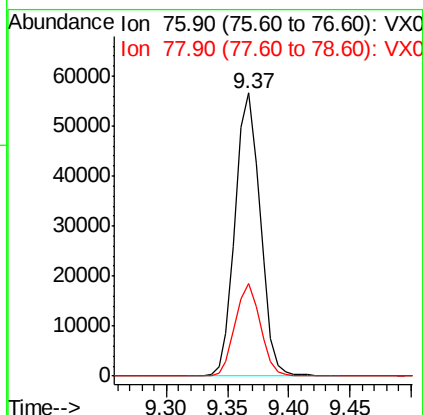
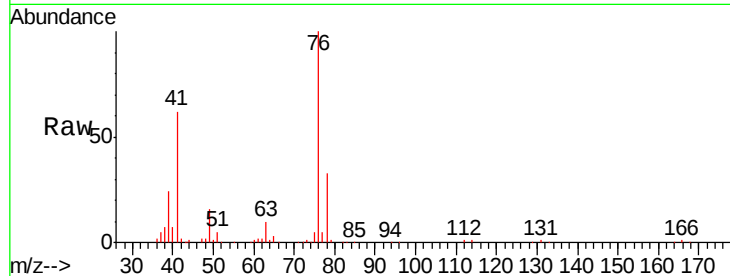




#57
 1,3-Dichloropropane
 Concen: 19.949 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

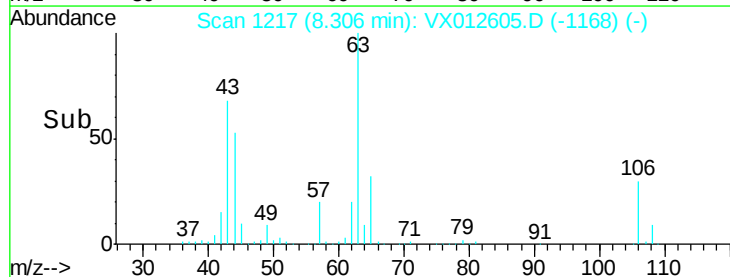
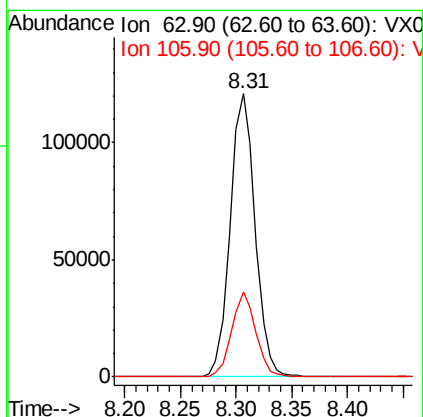
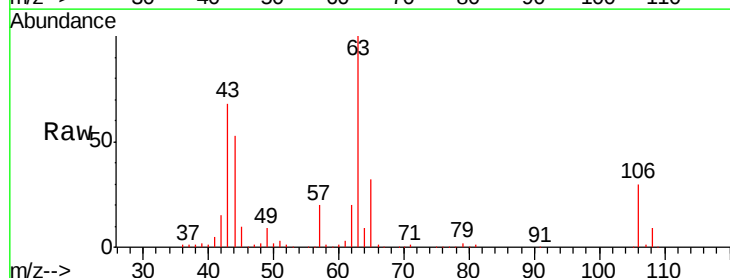
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

Tgt Ion: 76 Resp: 80901
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.384 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion: 63 Resp: 187644
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.8 35.6

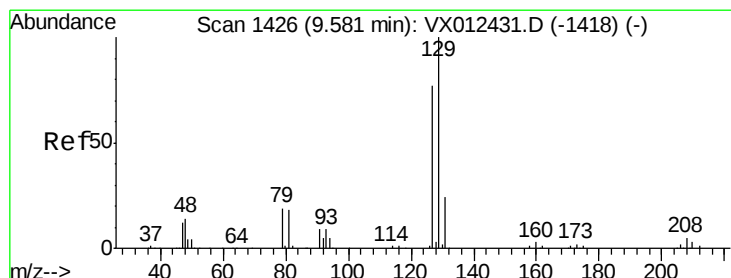
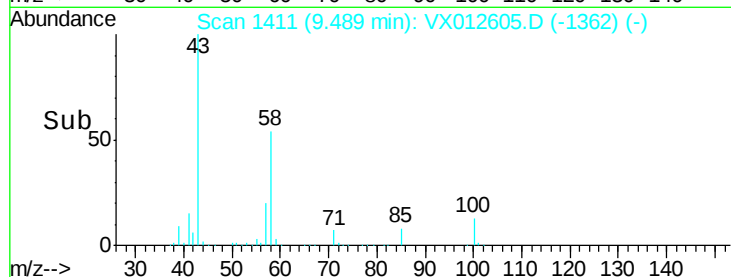
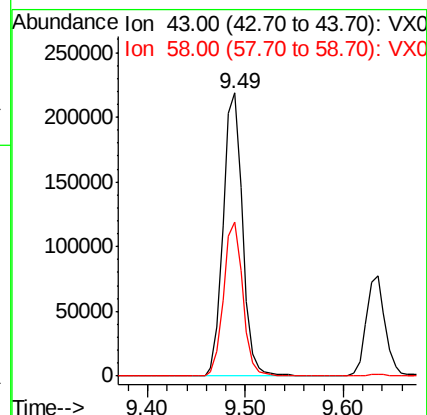
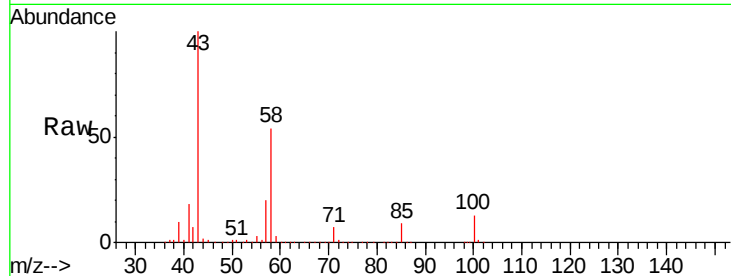




#59
2-Hexanone
Concen: 103.659 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

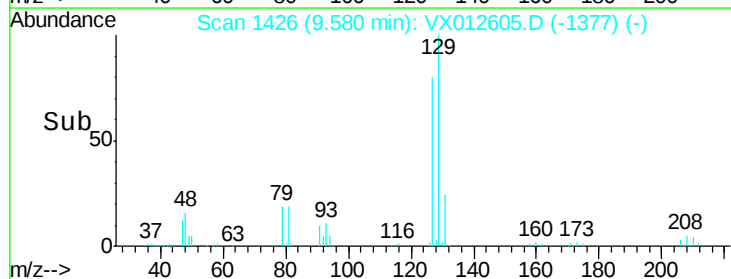
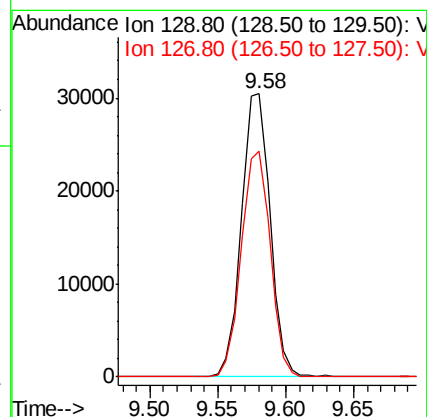
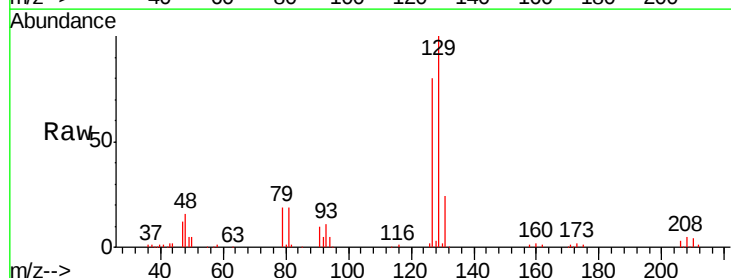
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS02

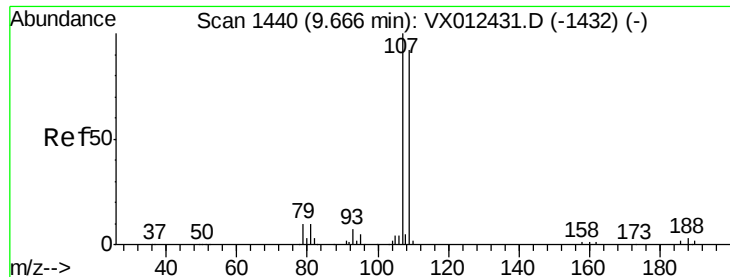
Tgt Ion: 43 Resp: 301801
Ion Ratio Lower Upper
43 100
58 53.9 25.7 77.1



#60
Dibromochloromethane
Concen: 19.168 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion: 129 Resp: 44961
Ion Ratio Lower Upper
129 100
127 80.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.215 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

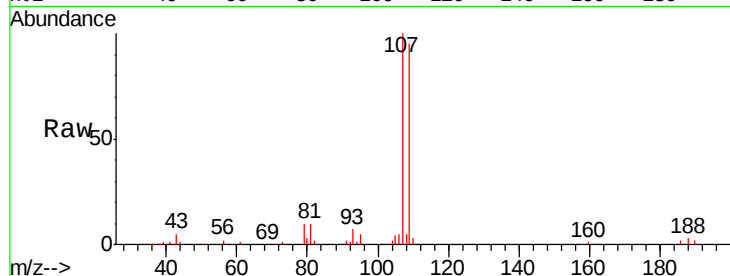
VX0923WBS02

Tgt Ion: 107 Resp: 48749

Ion Ratio Lower Upper

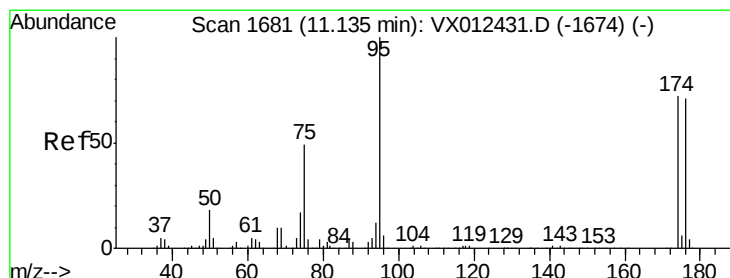
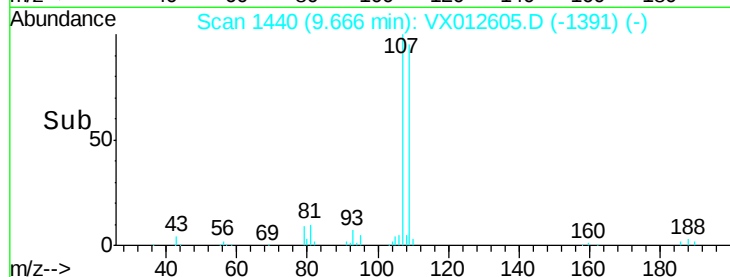
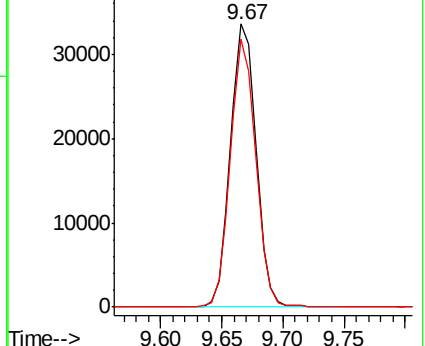
107 100

109 93.2 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.847 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

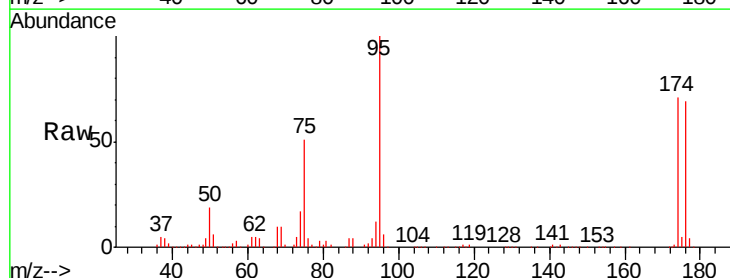
Tgt Ion: 95 Resp: 144036

Ion Ratio Lower Upper

95 100

174 67.8 0.0 140.0

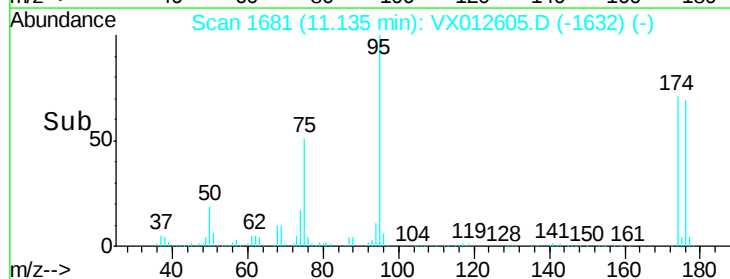
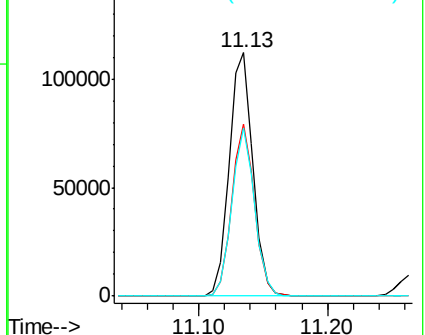
176 66.6 0.0 135.4

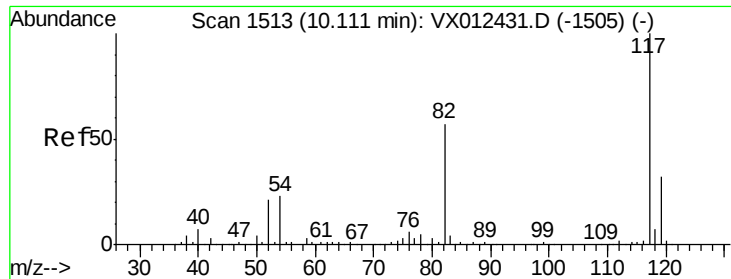


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

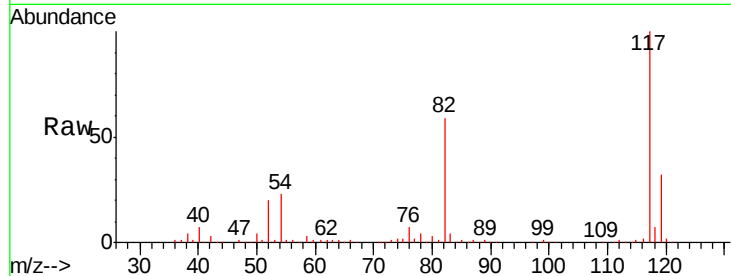




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.0	45.9	68.9
119	32.4	25.3	37.9

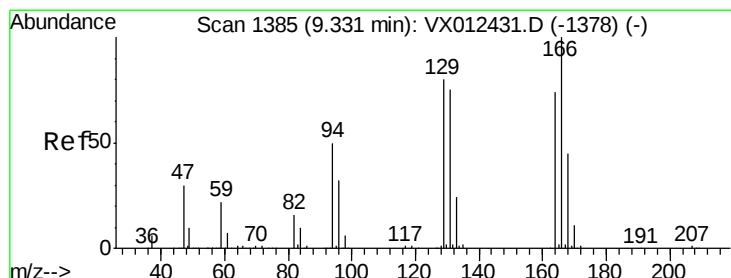
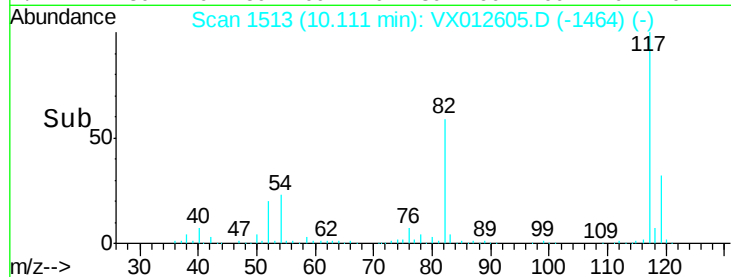
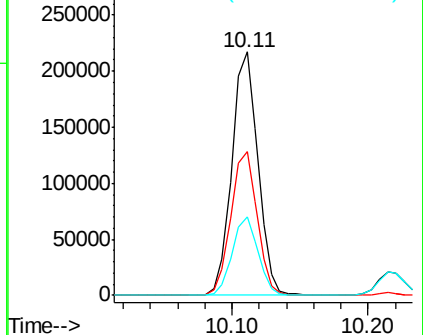


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.625 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.6	107.8	161.6
129	101.9	86.2	129.2
131	95.2	80.4	120.6

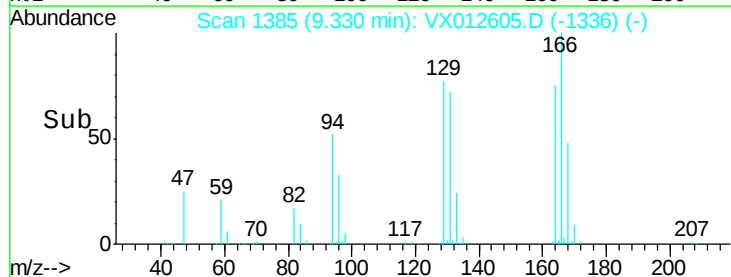
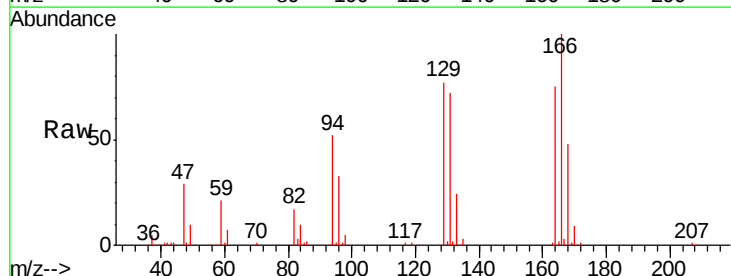
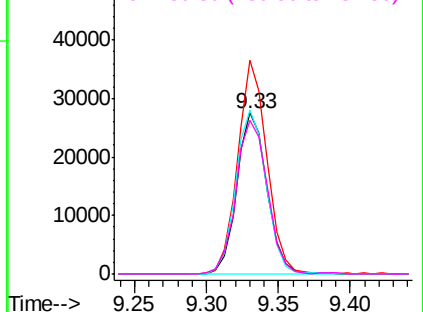
Abundance

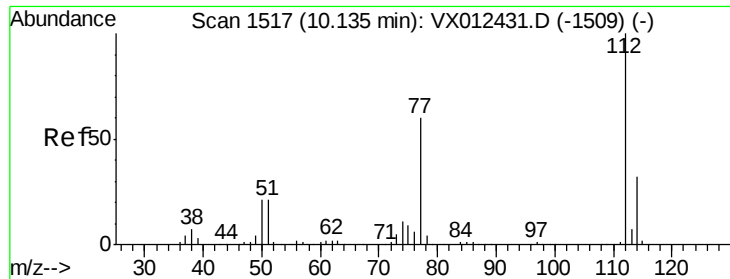
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.490 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

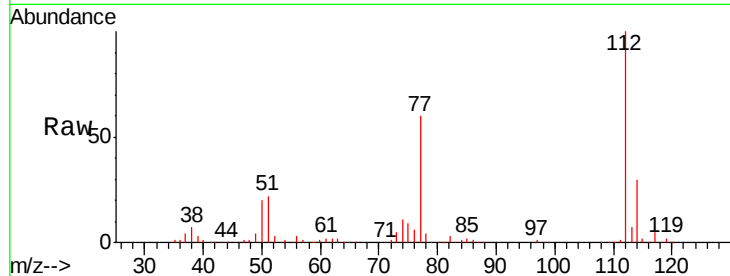
VX0923WBS02

Tgt Ion:112 Resp: 119101

Ion Ratio Lower Upper

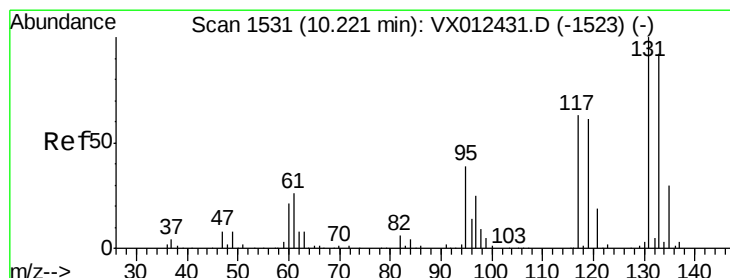
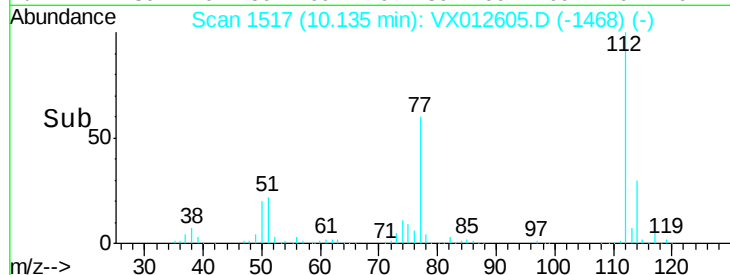
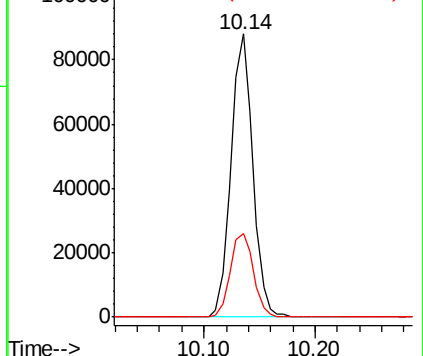
112 100

114 29.7 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.631 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

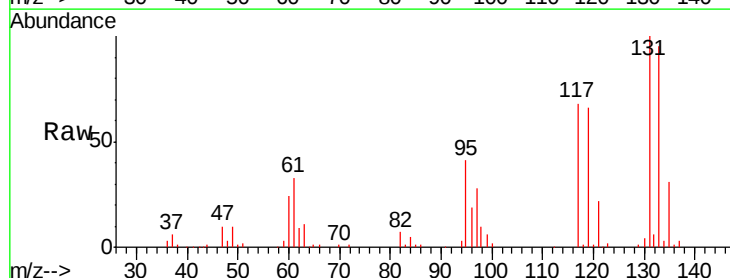
Tgt Ion:131 Resp: 43466

Ion Ratio Lower Upper

131 100

133 93.9 47.6 142.9

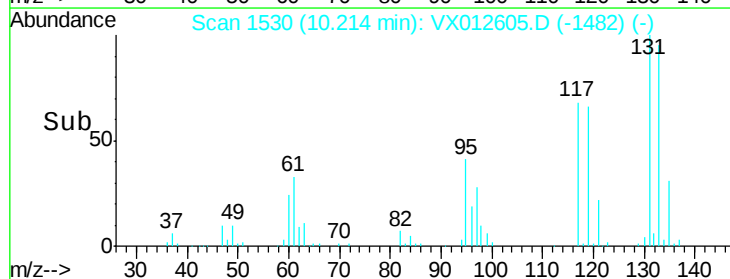
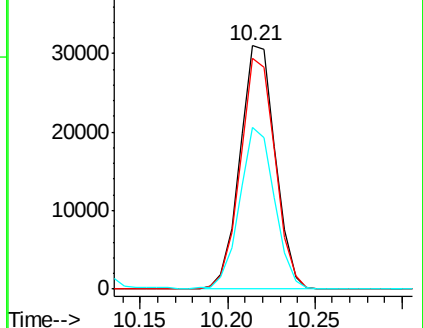
119 65.7 31.3 93.8

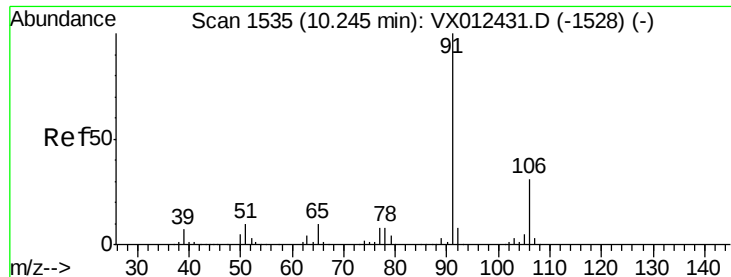


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.854 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

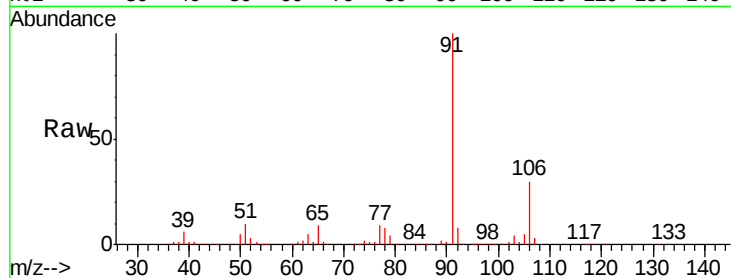
VX0923WBS02

Tgt Ion: 91 Resp: 220061

Ion Ratio Lower Upper

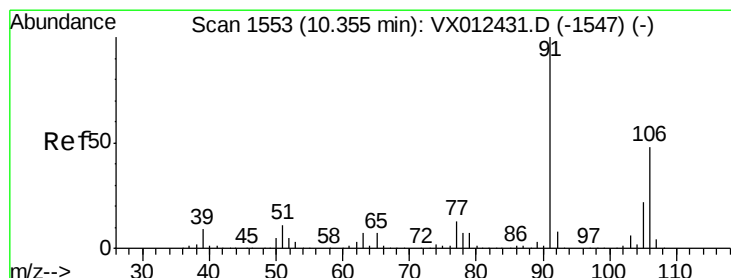
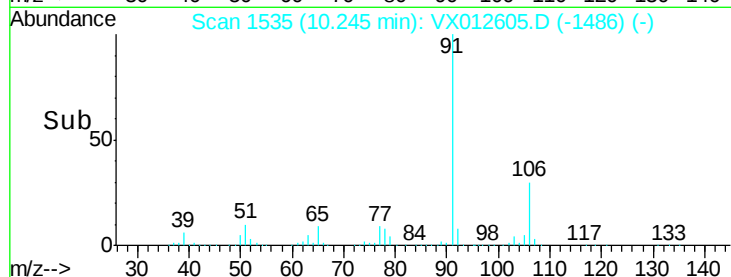
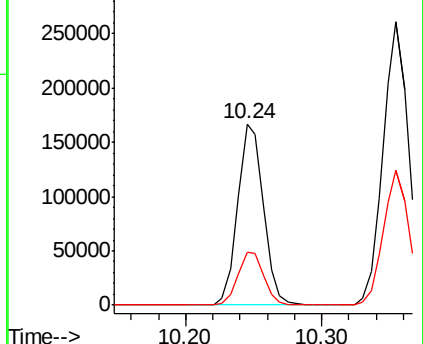
91 100

106 29.6 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.399 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012605.D

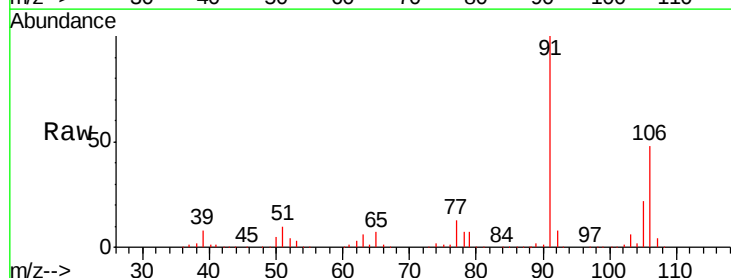
Acq: 23 Sep 2019 15:33

Tgt Ion: 106 Resp: 163582

Ion Ratio Lower Upper

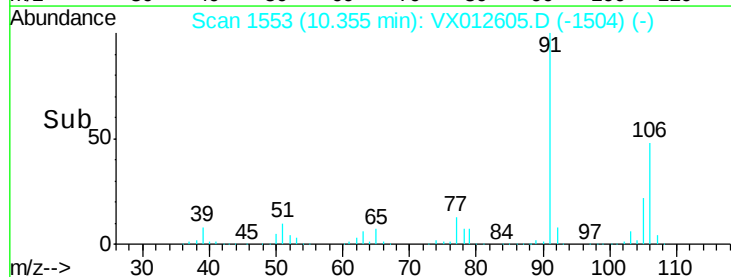
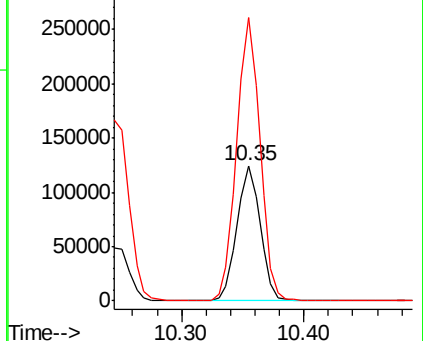
106 100

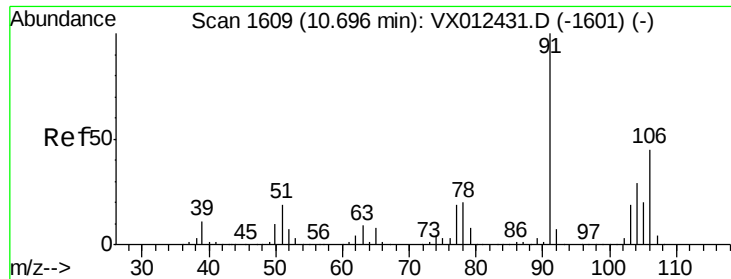
91 209.8 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

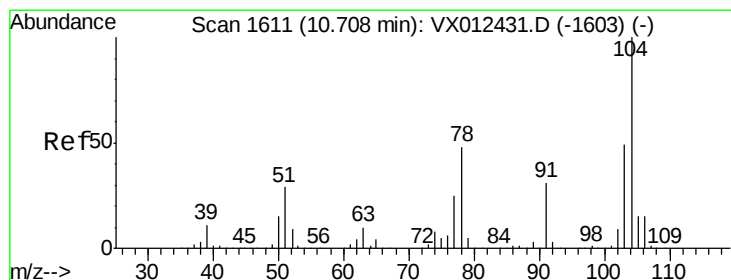
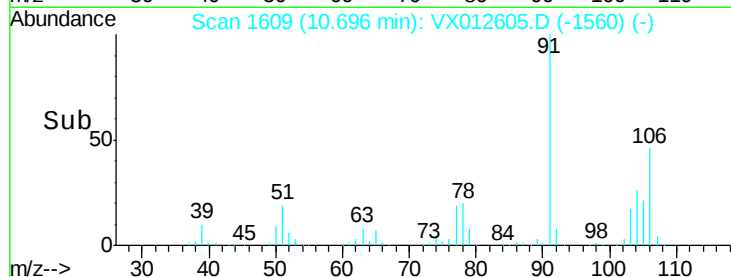
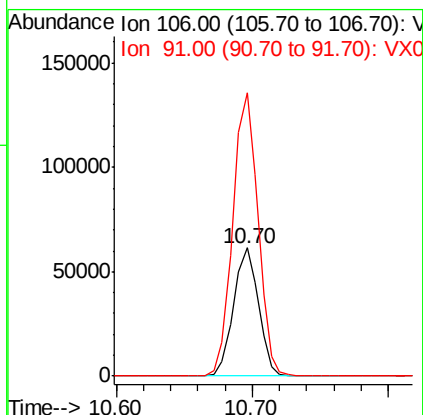
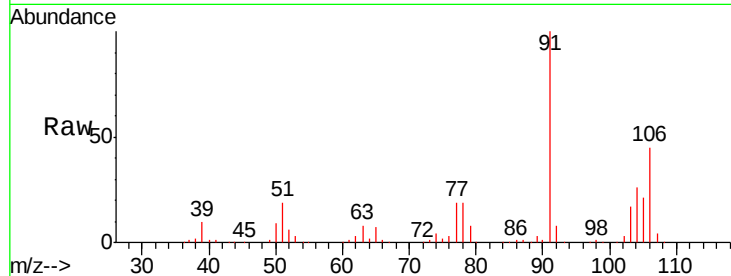




#69
o-Xylene
Concen: 19.557 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

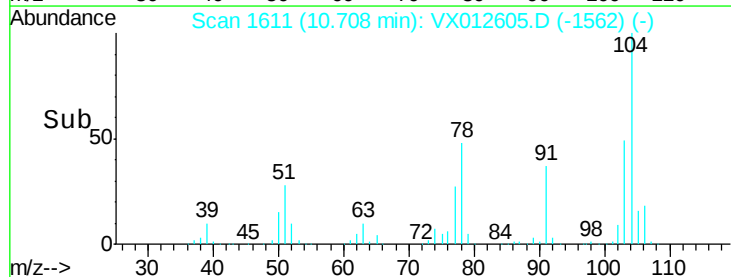
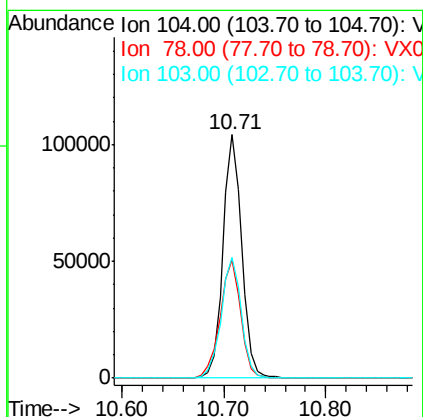
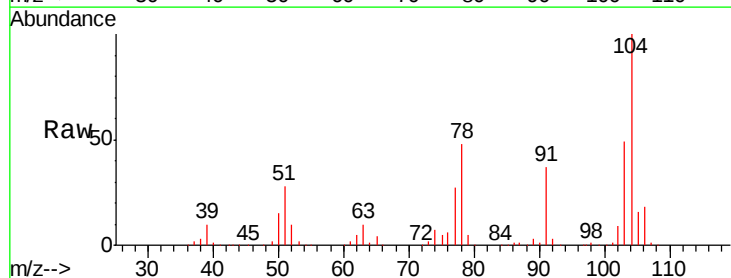
Instrument :
MSVOA_X
ClientSampled :
VX0923WBS02

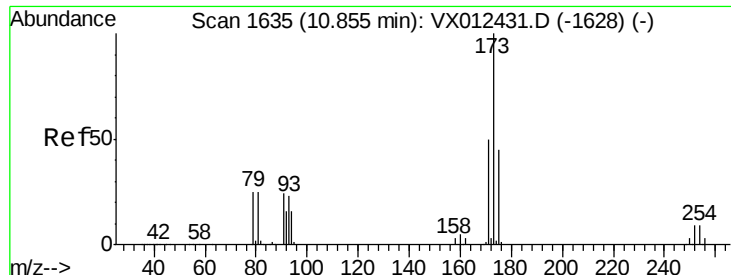
Tgt Ion:106 Resp: 78570
Ion Ratio Lower Upper
106 100
91 222.8 109.4 328.2



#70
Styrene
Concen: 19.803 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion:104 Resp: 133372
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.2
103 53.8 43.3 64.9





#71

Bromoform

Concen: 18.864 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

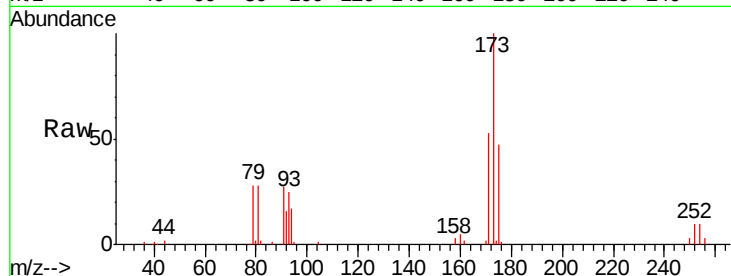
Tgt Ion:173 Resp: 29083

Ion Ratio Lower Upper

173 100

175 48.6 23.7 71.1

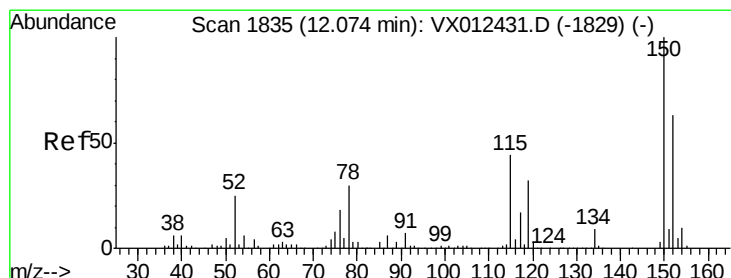
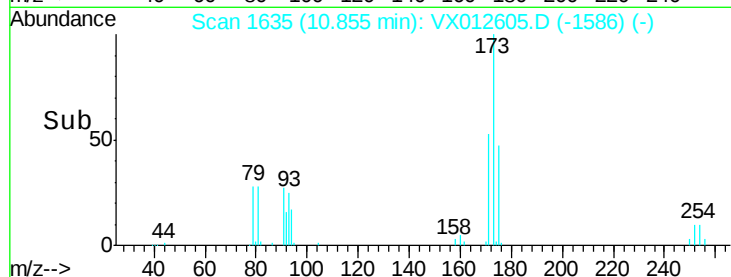
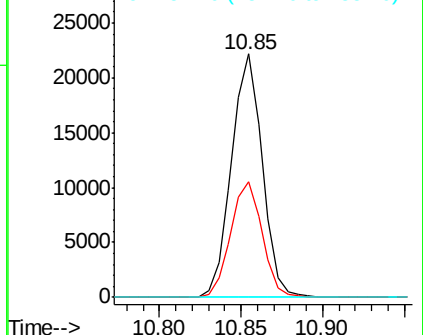
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

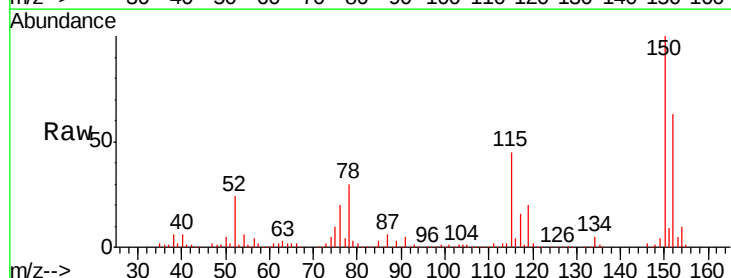
Tgt Ion:152 Resp: 130001

Ion Ratio Lower Upper

152 100

115 76.8 44.1 132.3

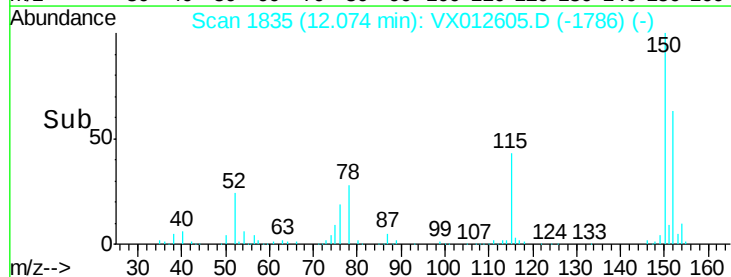
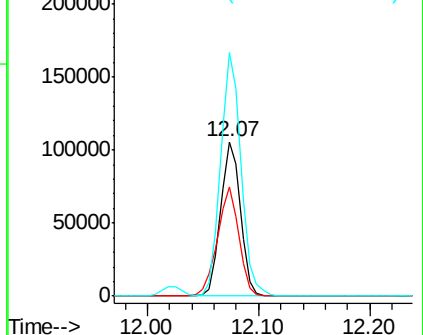
150 163.2 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.061 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

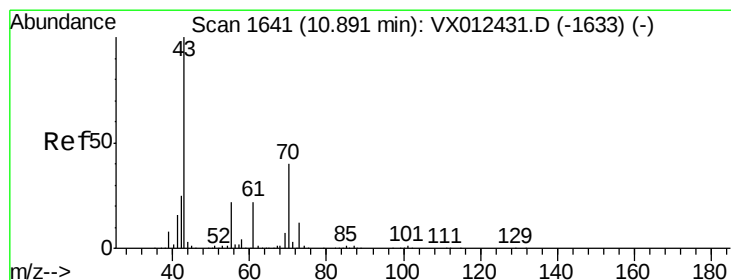
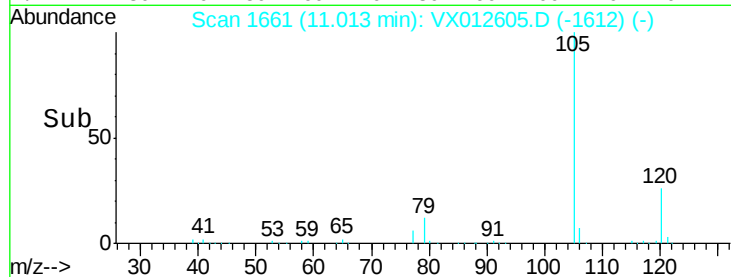
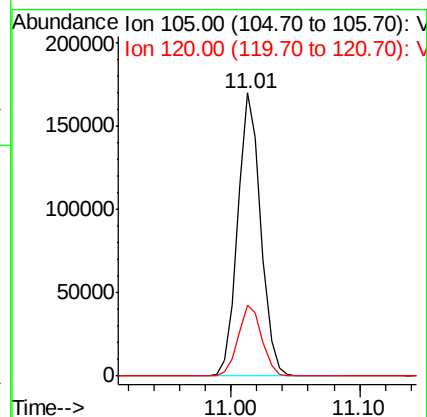
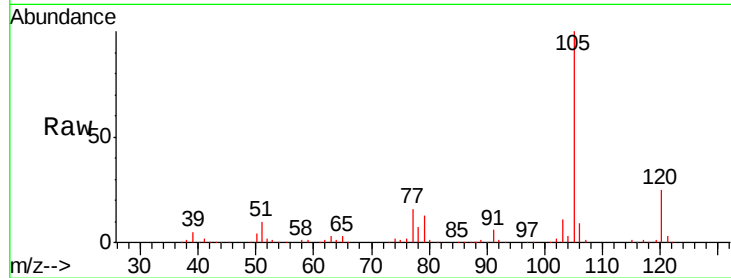
VX0923WBS02

Tgt Ion: 105 Resp: 212412

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#74

N-ethyl acetate

Concen: 20.226 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Tgt Ion: 43 Resp: 102169

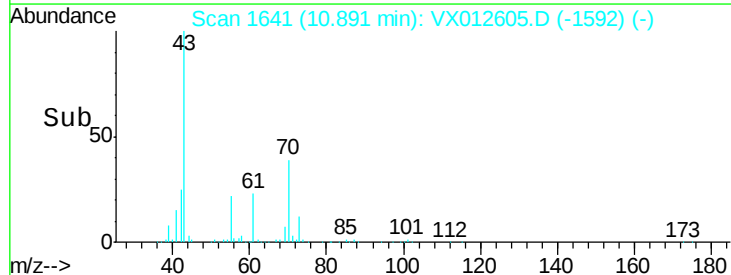
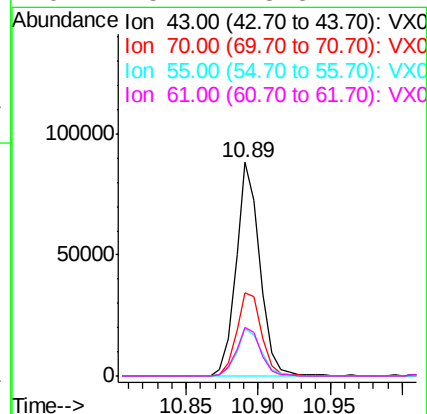
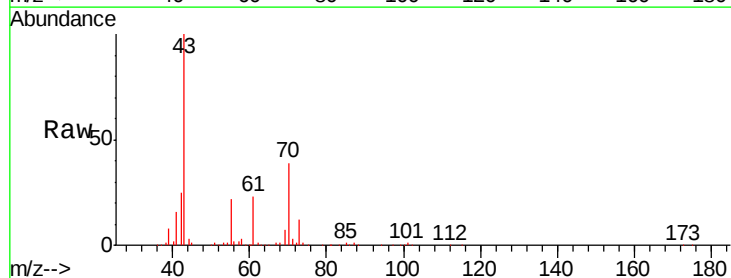
Ion Ratio Lower Upper

43 100

70 41.2 32.4 48.6

55 22.9 18.2 27.4

61 23.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.086 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

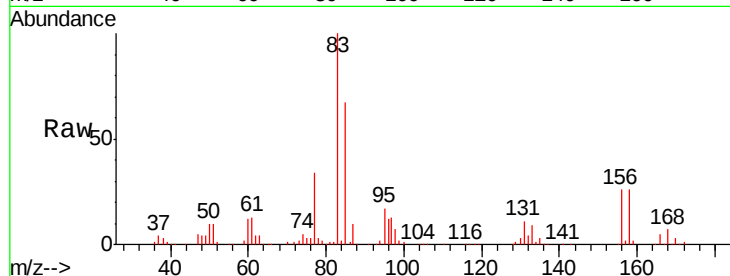
Tgt Ion: 83 Resp: 70434

Ion Ratio Lower Upper

83 100

131 10.9 5.2 15.6

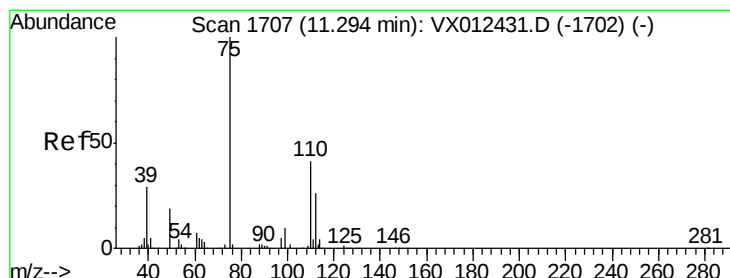
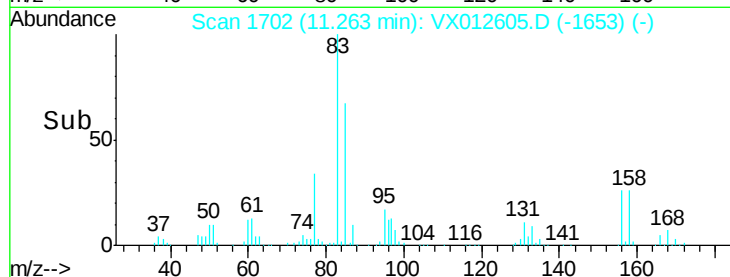
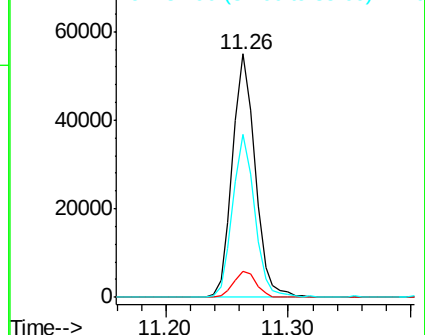
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.554 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012605.D

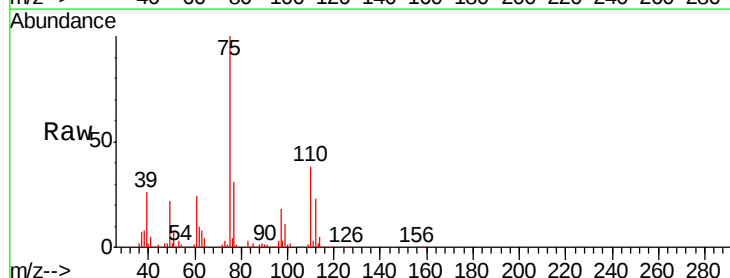
Acq: 23 Sep 2019 15:33

Tgt Ion: 75 Resp: 84438

Ion Ratio Lower Upper

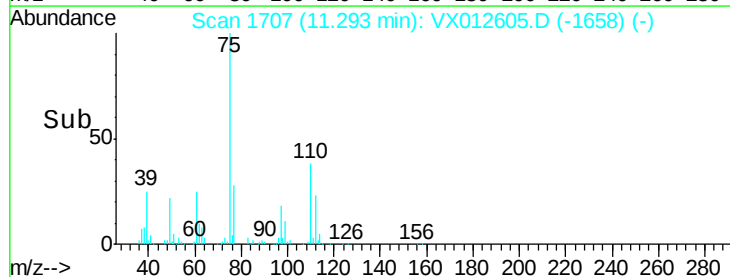
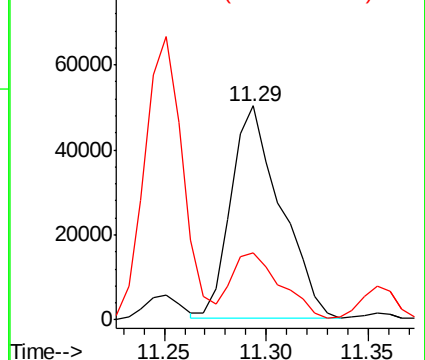
75 100

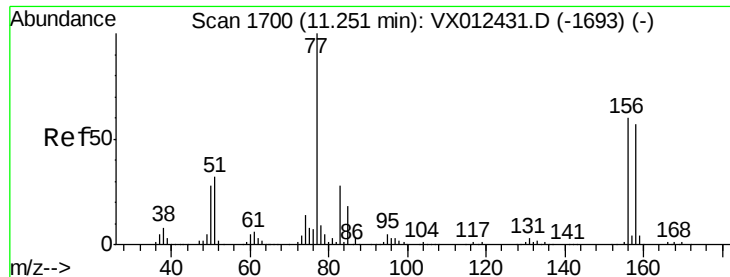
77 31.8 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.782 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampled :

VX0923WBS02

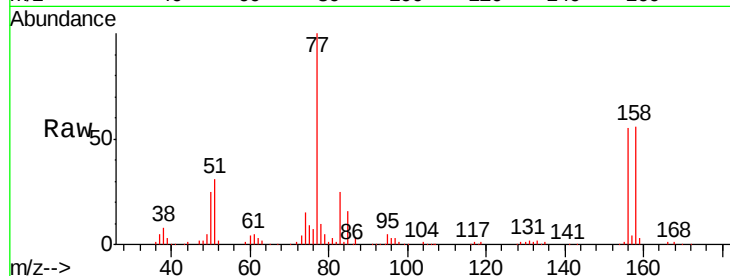
Tgt Ion:156 Resp: 47406

Ion Ratio Lower Upper

156 100

77 181.9 87.3 261.8

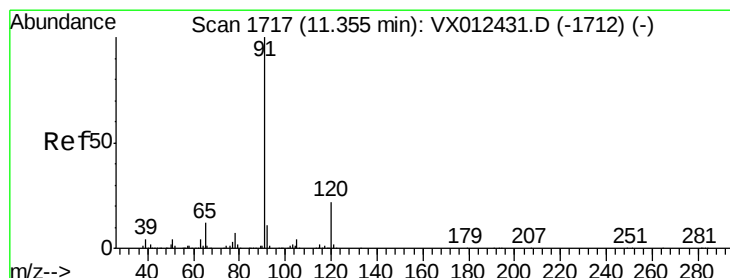
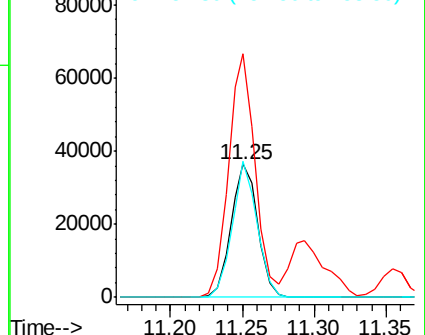
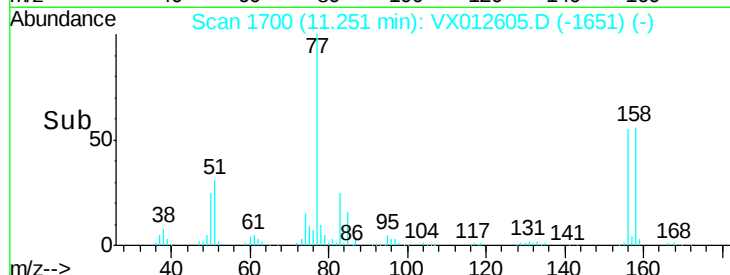
158 95.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.803 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012605.D

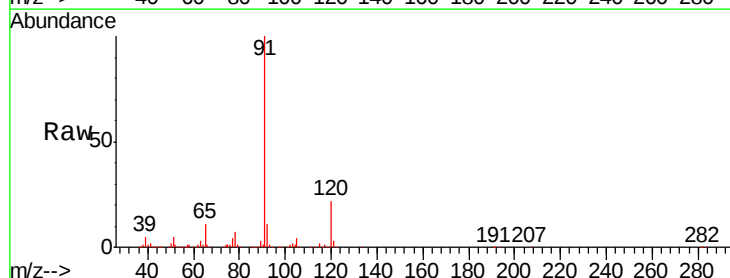
Acq: 23 Sep 2019 15:33

Tgt Ion: 91 Resp: 236058

Ion Ratio Lower Upper

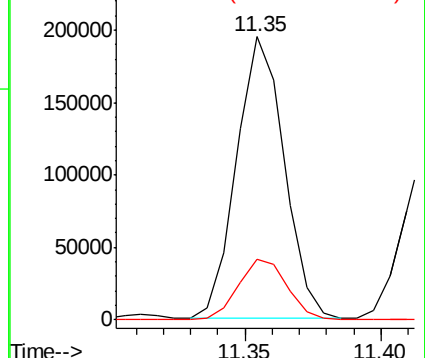
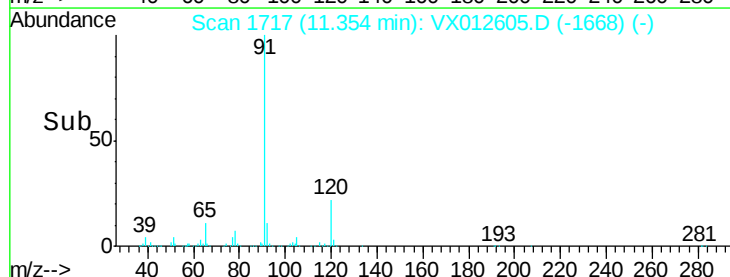
91 100

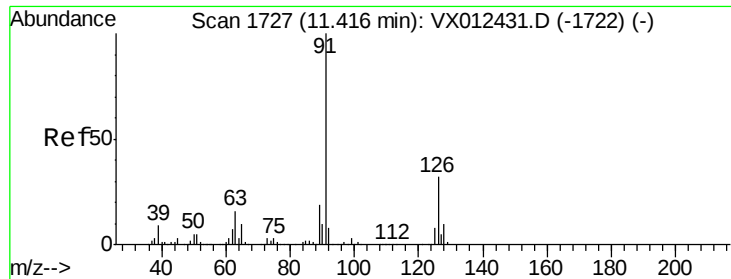
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

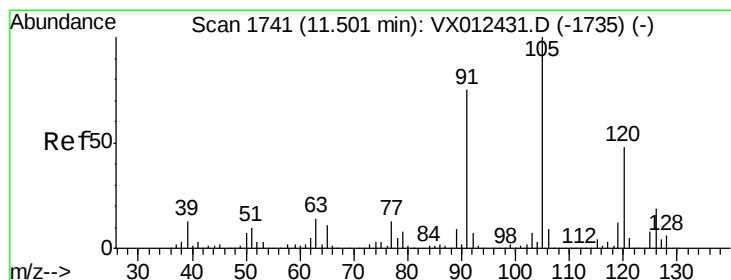
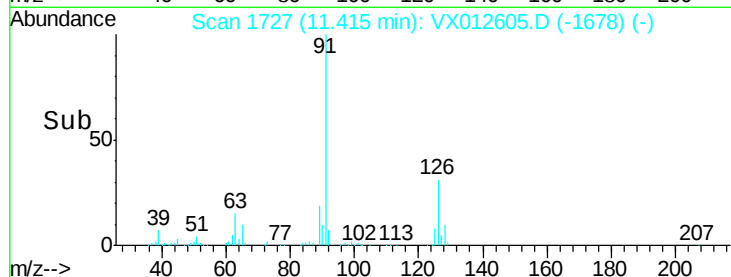
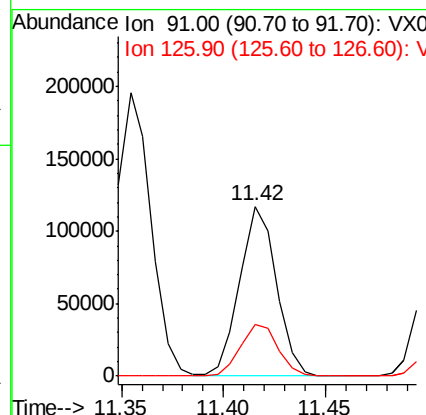
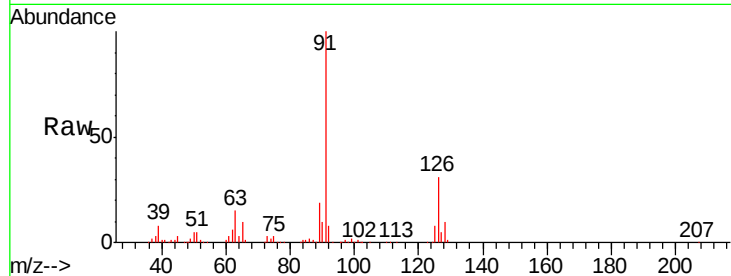




#79
 2-Chlorotoluene
 Concen: 19.753 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

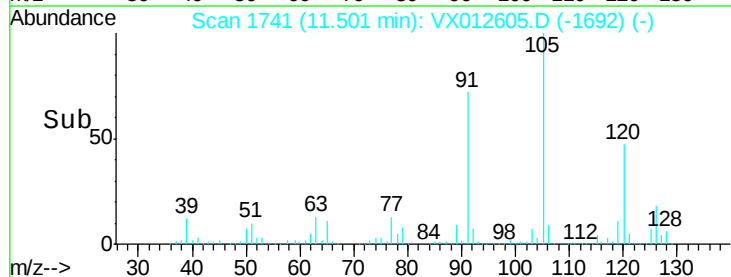
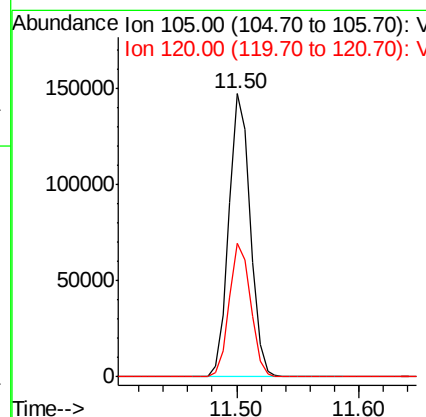
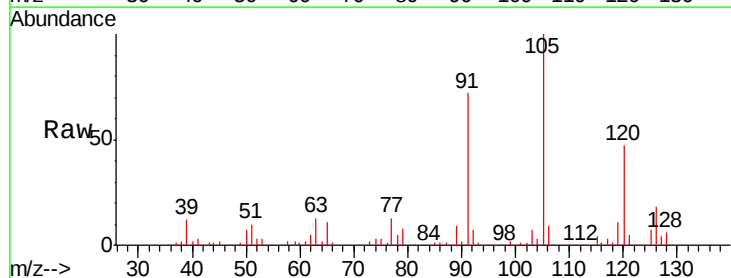
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

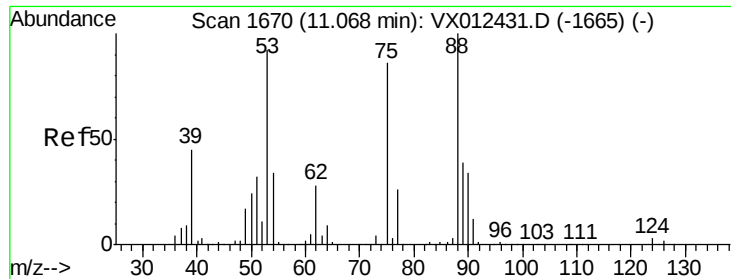
Tgt Ion: 91 Resp: 146887
 Ion Ratio Lower Upper
 91 100
 126 31.2 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.074 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion: 105 Resp: 178234
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.340 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

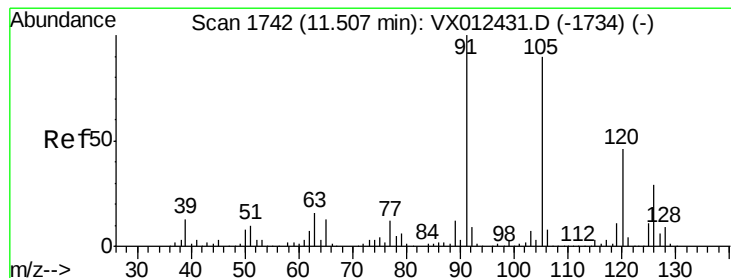
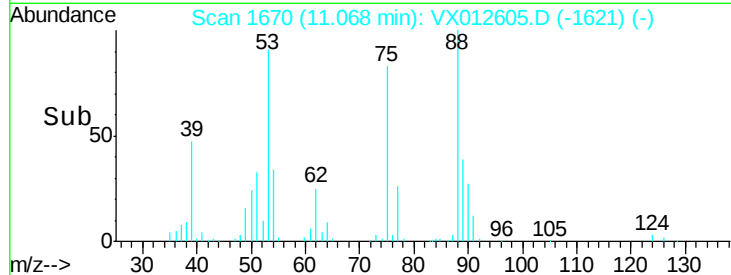
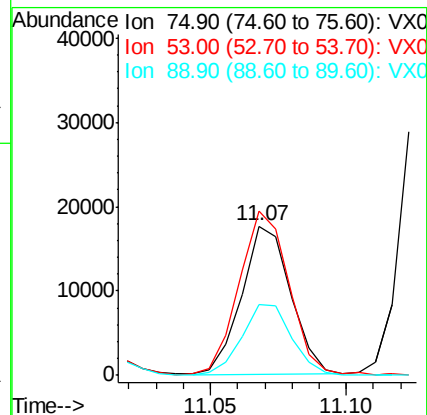
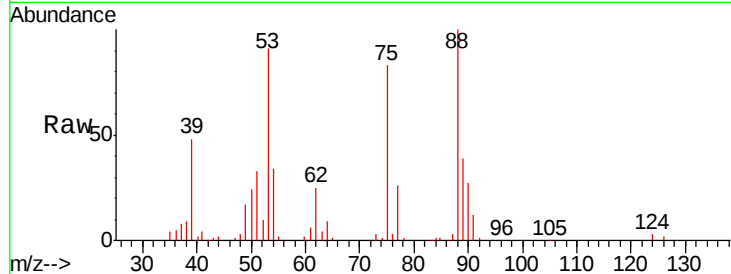
Tgt Ion: 75 Resp: 22007

Ion Ratio Lower Upper

75 100

53 114.2 83.6 125.4

89 48.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.588 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012605.D

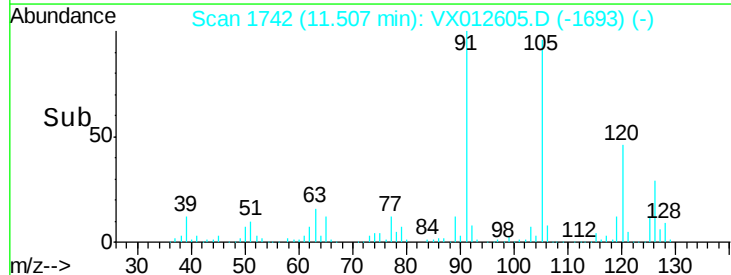
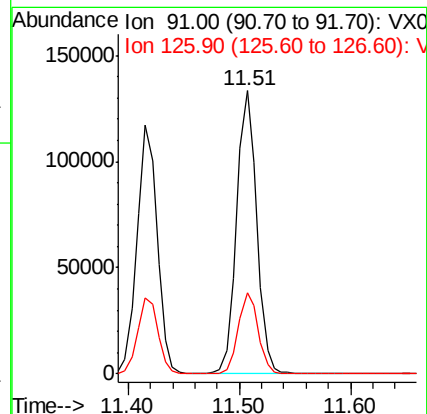
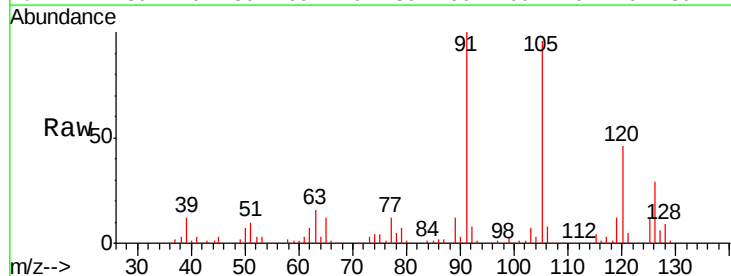
Acq: 23 Sep 2019 15:33

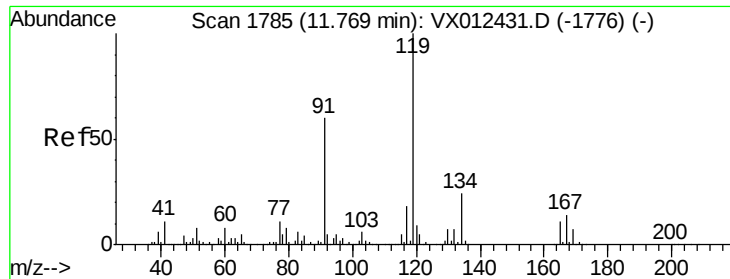
Tgt Ion: 91 Resp: 166049

Ion Ratio Lower Upper

91 100

126 28.6 14.4 43.0

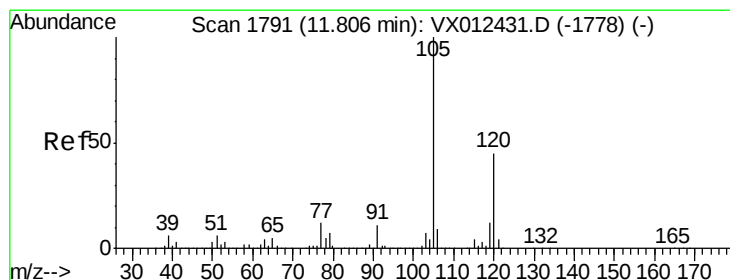
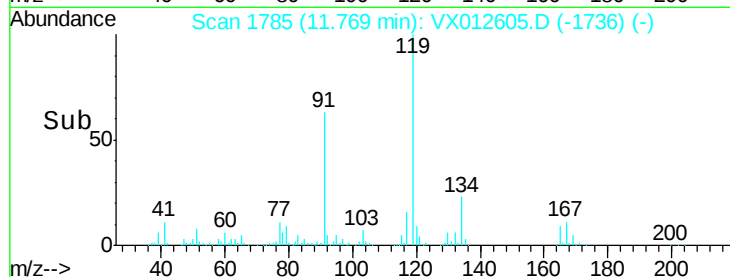
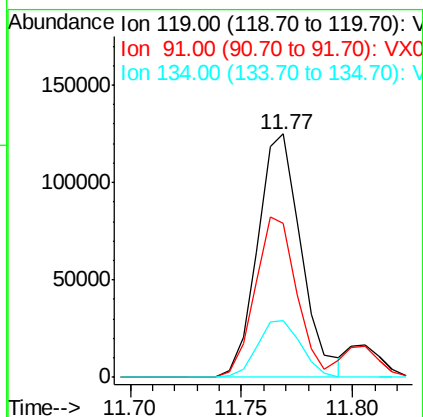
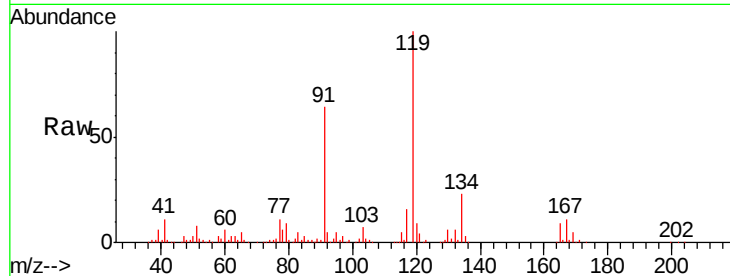




#83
 tert-Butylbenzene
 Concen: 19.884 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

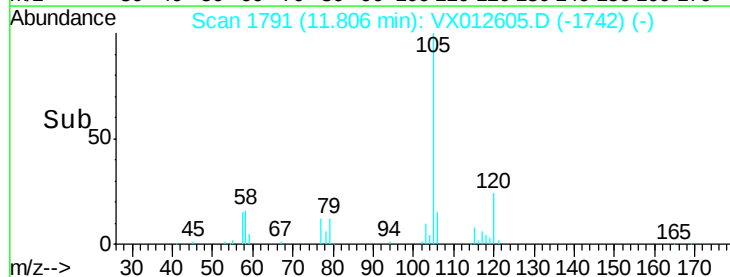
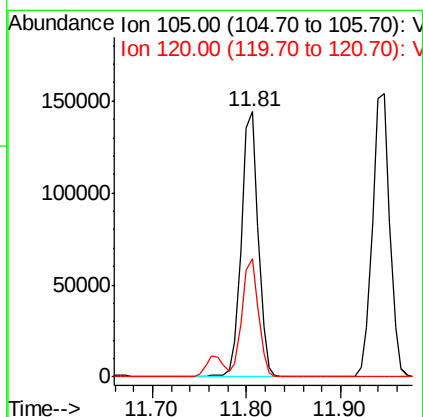
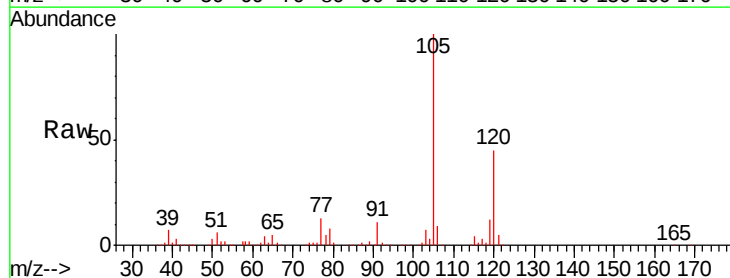
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

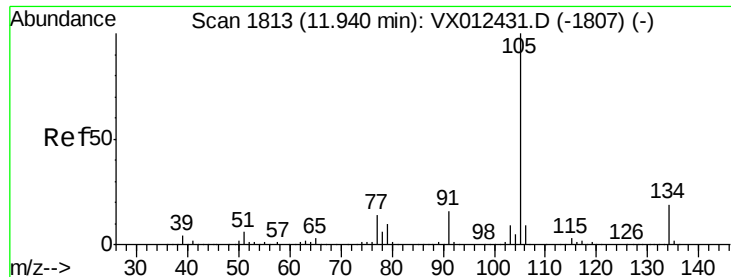
Tgt Ion:119 Resp: 170310
 Ion Ratio Lower Upper
 119 100
 91 62.8 30.0 90.0
 134 23.1 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.016 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion:105 Resp: 179285
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.2 66.6

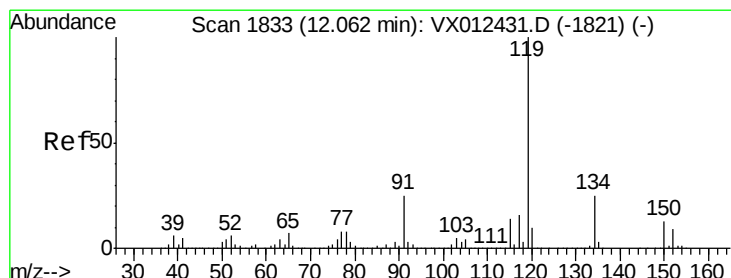
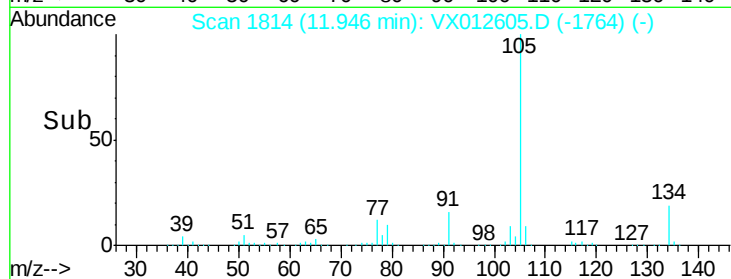
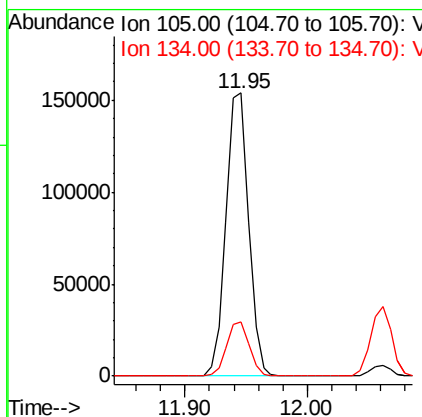
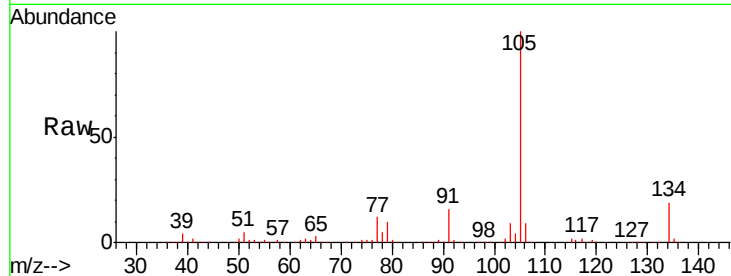




#85
 sec-Butylbenzene
 Concen: 19.770 ug/l
 RT: 11.95 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

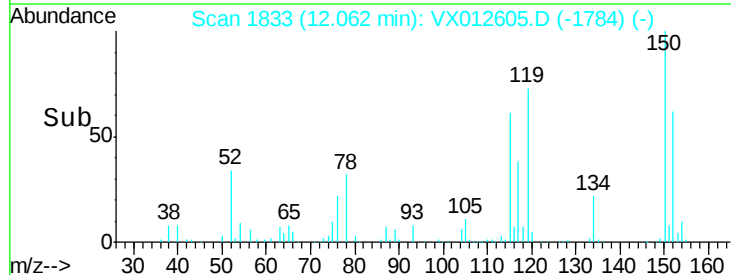
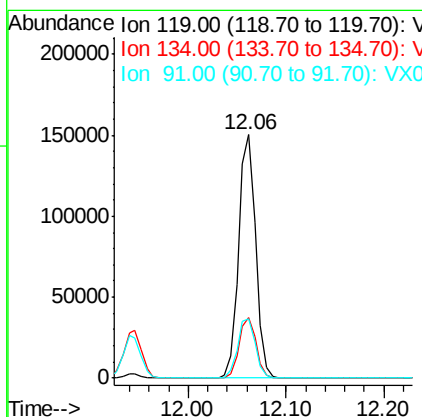
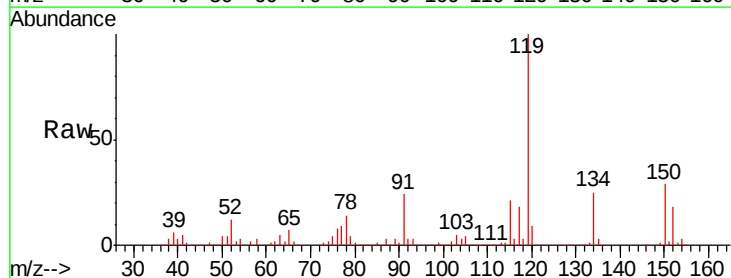
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

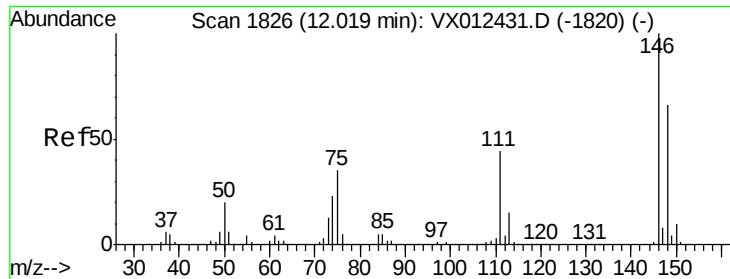
Tgt Ion:105 Resp: 196951
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.163 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion:119 Resp: 181247
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.1
 91 25.5 12.8 38.4

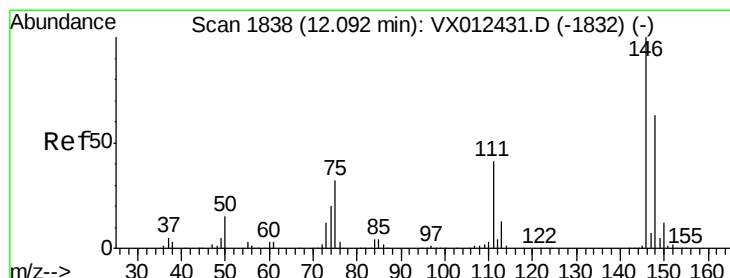
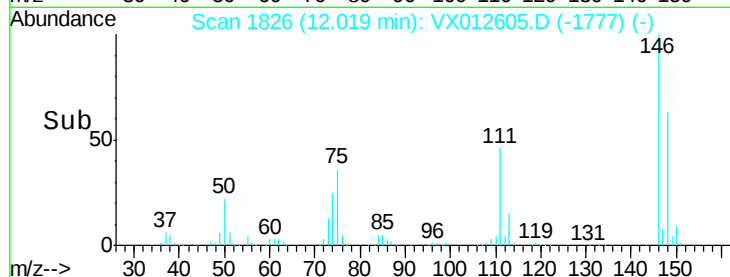
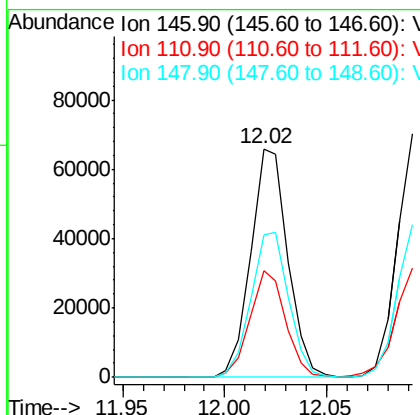
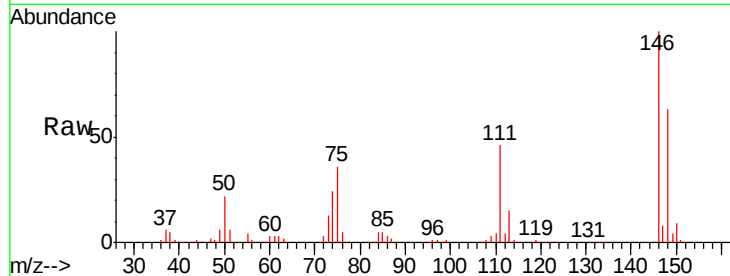




#87
 1,3-Dichlorobenzene
 Concen: 19.334 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

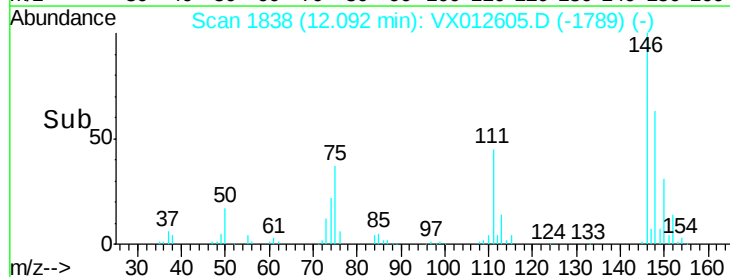
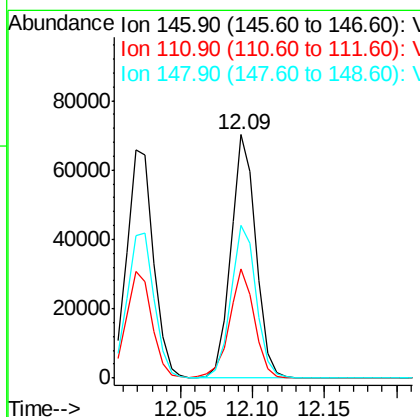
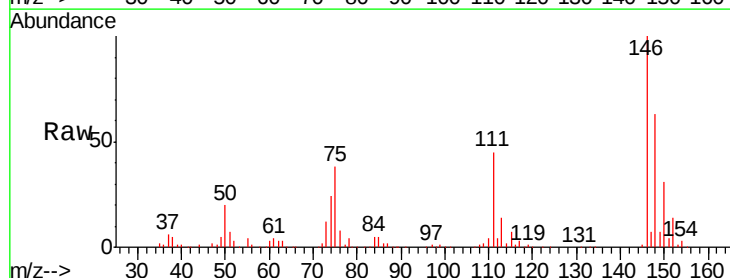
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

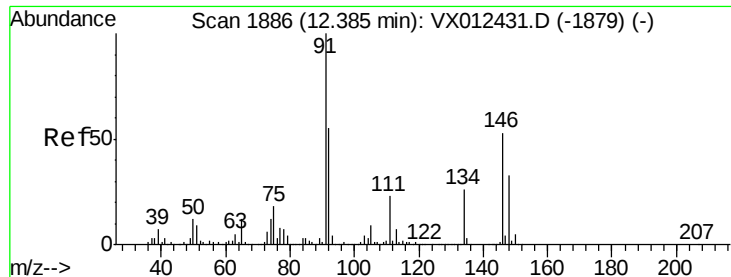
Tgt Ion:146 Resp: 83380
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.3 64.0
 148 64.8 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 19.552 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion:146 Resp: 85205
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.1 63.3
 148 64.0 32.1 96.5

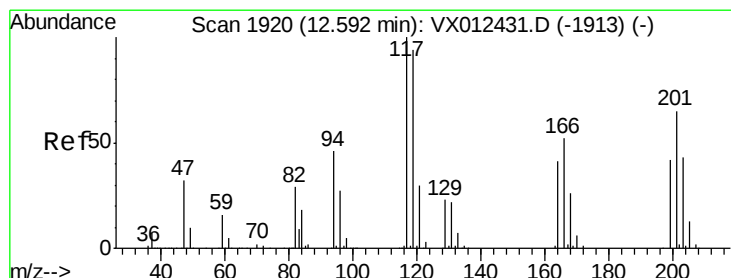
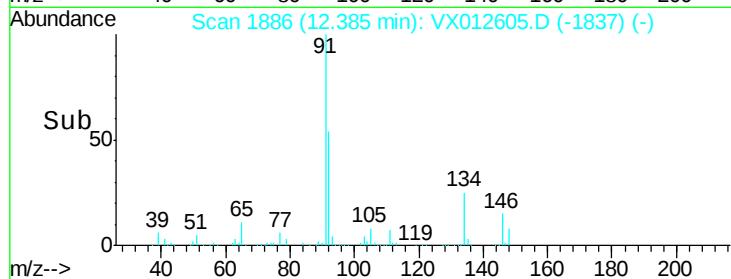
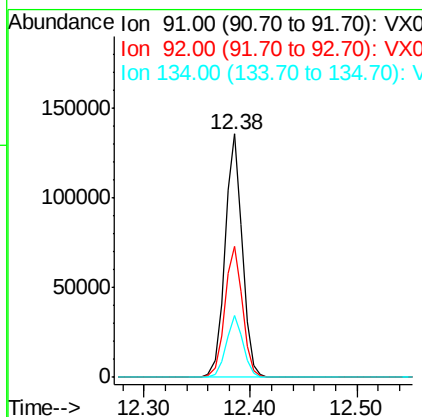
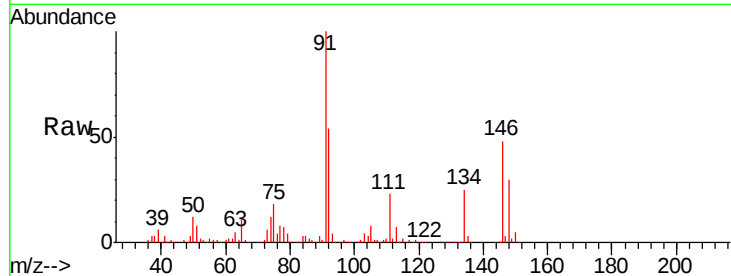




#89
n-Butylbenzene
Concen: 19.265 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

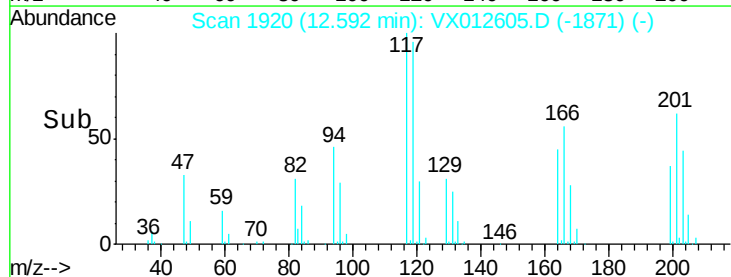
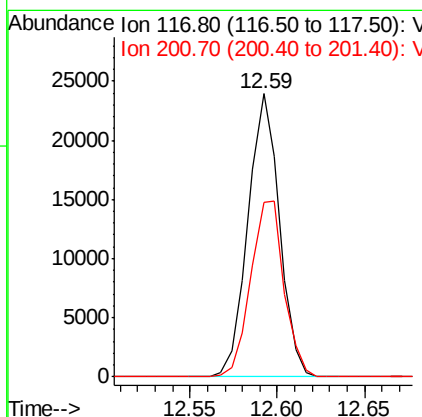
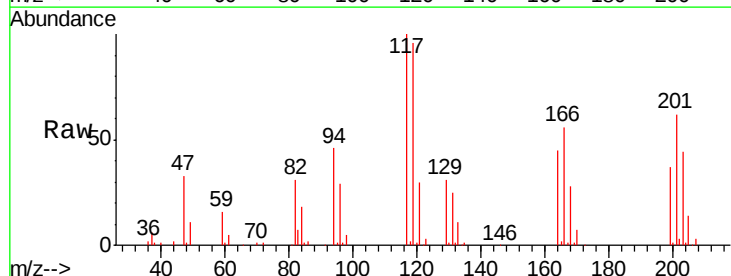
Instrument :
MSVOA_X
ClientSampled :
VX0923WBS02

Tgt Ion: 91 Resp: 152598
Ion Ratio Lower Upper
91 100
92 55.2 27.7 83.0
134 25.0 12.9 38.6



#90
Hexachloroethane
Concen: 18.670 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012605.D
Acq: 23 Sep 2019 15:33

Tgt Ion: 117 Resp: 29919
Ion Ratio Lower Upper
117 100
201 66.1 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 20.082 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

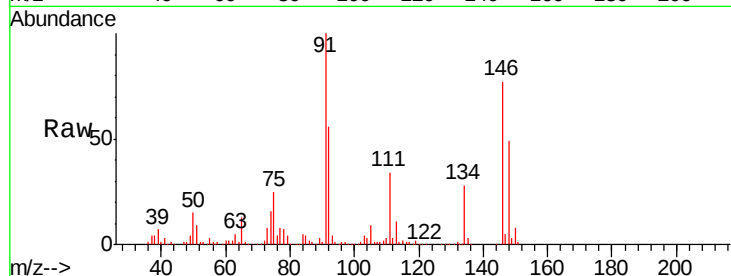
Tgt Ion:146 Resp: 86705

Ion Ratio Lower Upper

146 100

111 45.0 22.1 66.1

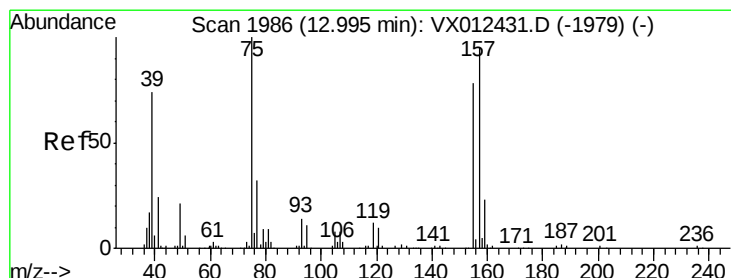
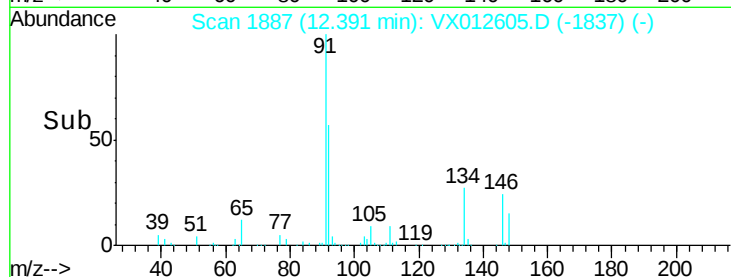
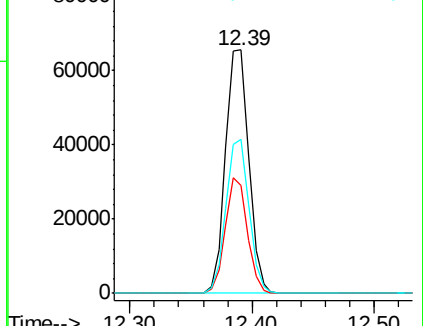
148 62.7 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.613 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

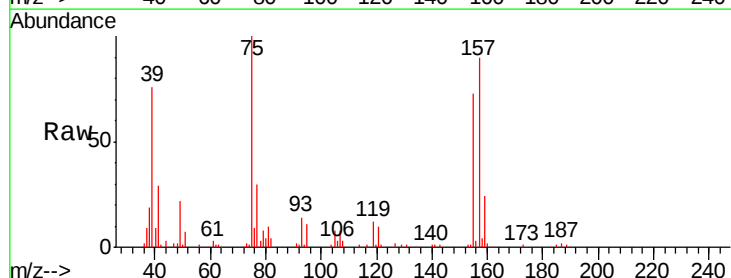
Tgt Ion: 75 Resp: 18081

Ion Ratio Lower Upper

75 100

155 73.5 38.6 115.8

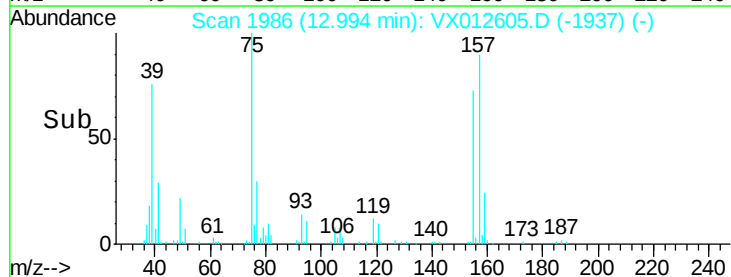
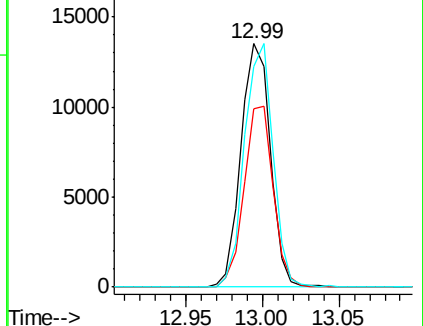
157 97.0 50.6 151.9

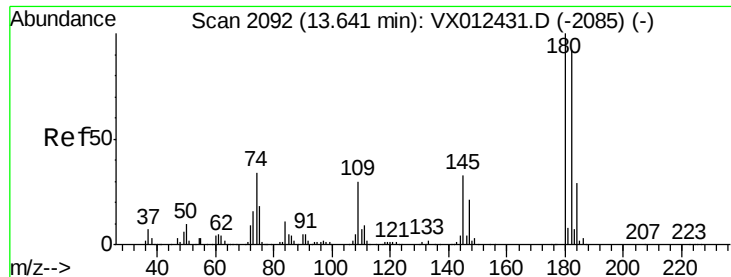


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

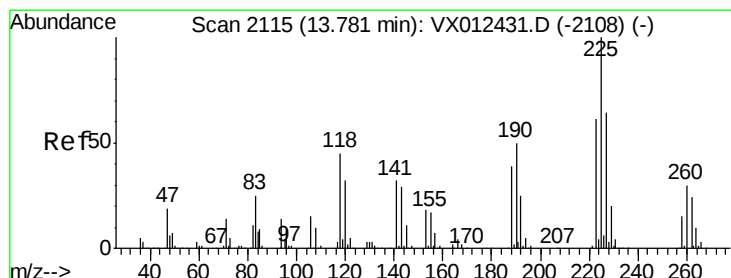
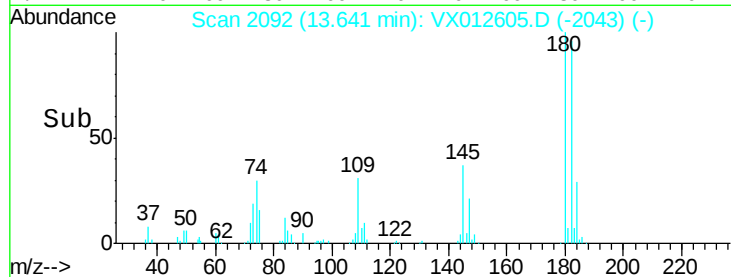
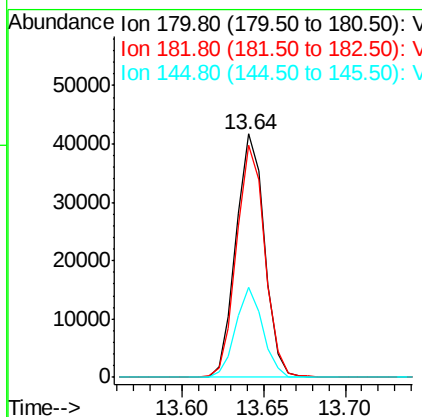
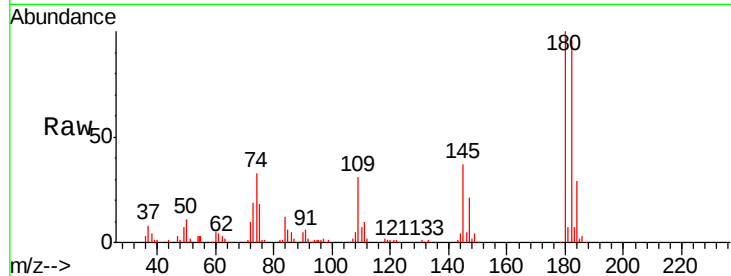




#93
 1,2,4-Trichlorobenzene
 Concen: 19.210 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

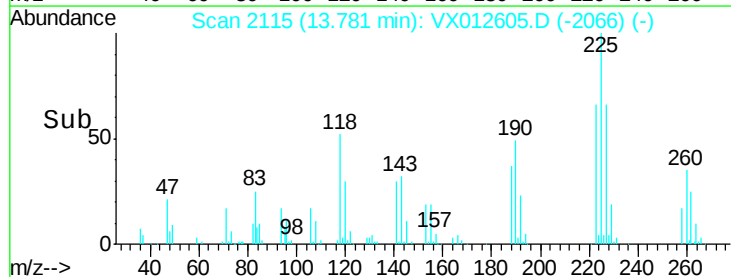
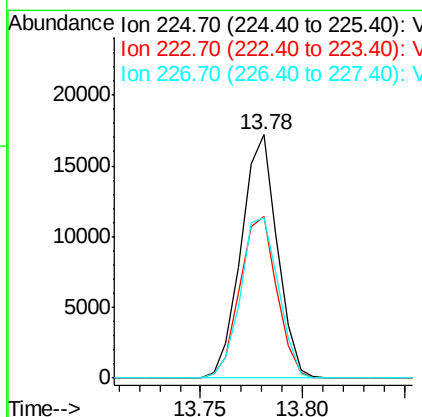
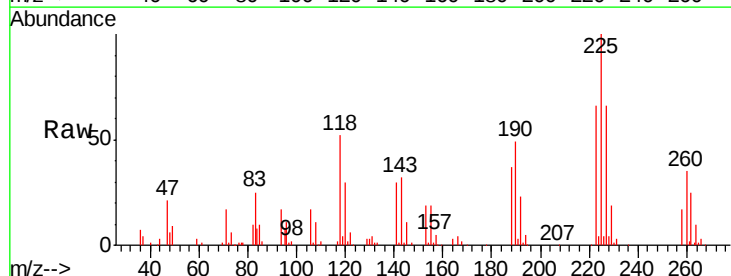
Instrument :
 MSVOA_X
 ClientSampled :
 VX0923WBS02

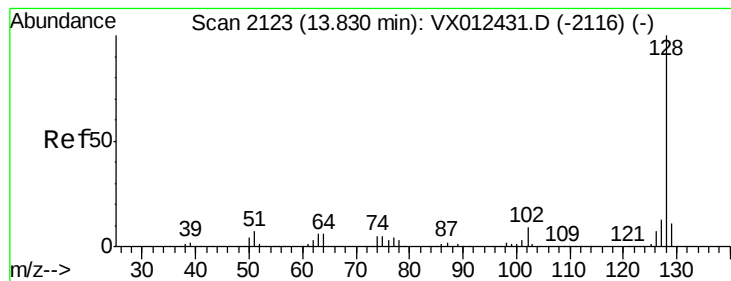
Tgt Ion:180 Resp: 50581
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.0 141.0
 145 35.1 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 18.649 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012605.D
 Acq: 23 Sep 2019 15:33

Tgt Ion:225 Resp: 21125
 Ion Ratio Lower Upper
 225 100
 223 67.9 32.0 96.2
 227 68.9 31.9 95.5





#95

Naphthalene

Concen: 20.711 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS02

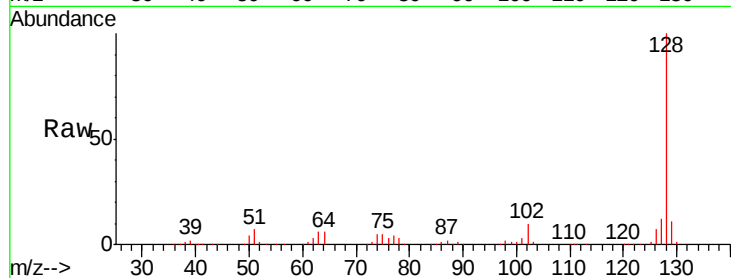
Tgt Ion:128 Resp: 197307

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

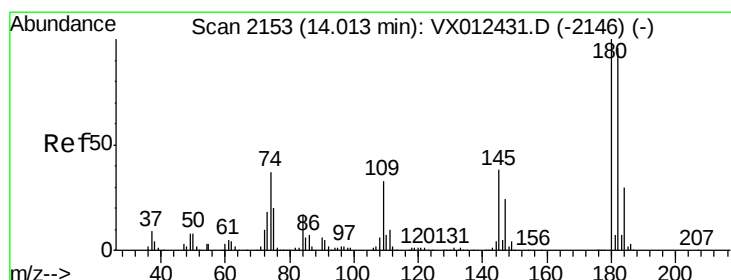
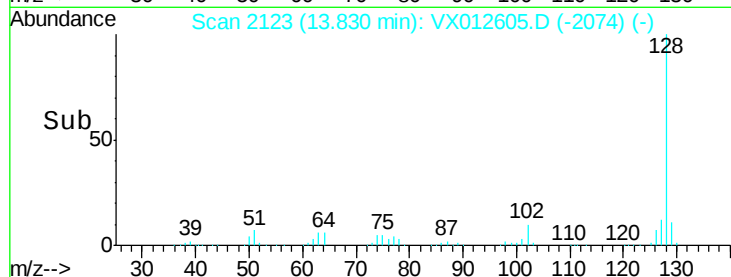
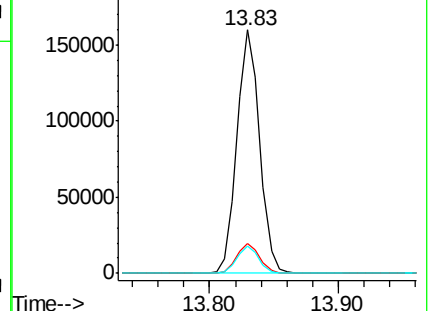
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.528 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012605.D

Acq: 23 Sep 2019 15:33

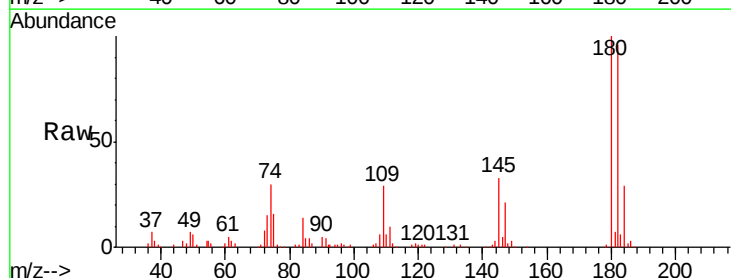
Tgt Ion:180 Resp: 51507

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 36.2 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

