

Data File : VX012443.D
Acq On : 17 Sep 2019 19:52
Operator : JC/SP
Sample : K4858-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20190909

Quant Time: Sep 18 03:25:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	132913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	210755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	173008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	65252	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	91236	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.48	113	64585	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	8.71	98	241978	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.14	95	83412	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.19	85	18	0.411	ug/l #	43
3) Chloromethane	1.32	50	610	0.835	ug/l #	84
4) Vinyl Chloride	1.41	62	178	0.225	ug/l #	59
5) Bromomethane	1.64	94	407	1.312	ug/l	93
6) Chloroethane	1.72	64	222	0.359	ug/l #	84
10) Methyl Iodide	2.50	142	341	4.788	ug/l #	82
11) Tert butyl alcohol	3.00	59	683	Below Cal	#	72
12) 1,1-Dichloroethene	2.37	96	223	0.267	ug/l #	40
13) Acrolein	2.29	56	225	Below Cal	#	15
16) Acetone	2.44	43	1399	Below Cal	#	85
17) Carbon Disulfide	2.55	76	383	2.119	ug/l #	75
18) Methyl Acetate	2.76	43	490	0.247	ug/l #	63
19) Methyl tert-butyl Ether	3.19	73	21184	4.650	ug/l	96
20) Methylene Chloride	2.84	84	693	0.601	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	905	1.043	ug/l	84
22) Diisopropyl ether	3.84	45	8946	1.964	ug/l #	79
24) 1,1-Dichloroethane	3.69	63	7473	3.429	ug/l #	92
25) 2-Butanone	4.65	43	296	0.224	ug/l #	51
27) cis-1,2-Dichloroethene	4.59	96	45626	35.198	ug/l	87
29) Tetrahydrofuran	5.10	42	238	0.326	ug/l #	54
30) Chloroform	5.20	83	4287	1.713	ug/l	95
31) Cyclohexane	5.65	56	3696	2.809	ug/l #	14
32) 1,1,1-Trichloroethane	5.49	97	875	0.418	ug/l #	49
36) 1,1-Dichloropropene	5.65	75	11858	9.258	ug/l #	52
38) Carbon Tetrachloride	5.65	117	14042	8.815	ug/l #	16
41) Methacrylonitrile	5.06	41	334	0.264	ug/l #	42
42) 1,2-Dichloroethane	6.20	62	2406	1.274	ug/l	83
44) Trichloroethene	7.20	130	27325	25.503	ug/l	90
49) 1,4-Dioxane	7.82	88	19	0.469	ug/l #	22
60) Dibromochloromethane	9.33	129	33130	24.054	ug/l #	11
64) Tetrachloroethene	9.33	164	32424	40.899	ug/l	97
71) Bromoform	11.12	173	120	2.981	ug/l #	29
76) 1,2,3-Trichloropropane	11.14	75	44121	29.436	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	44121	78.904	ug/l #	8

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

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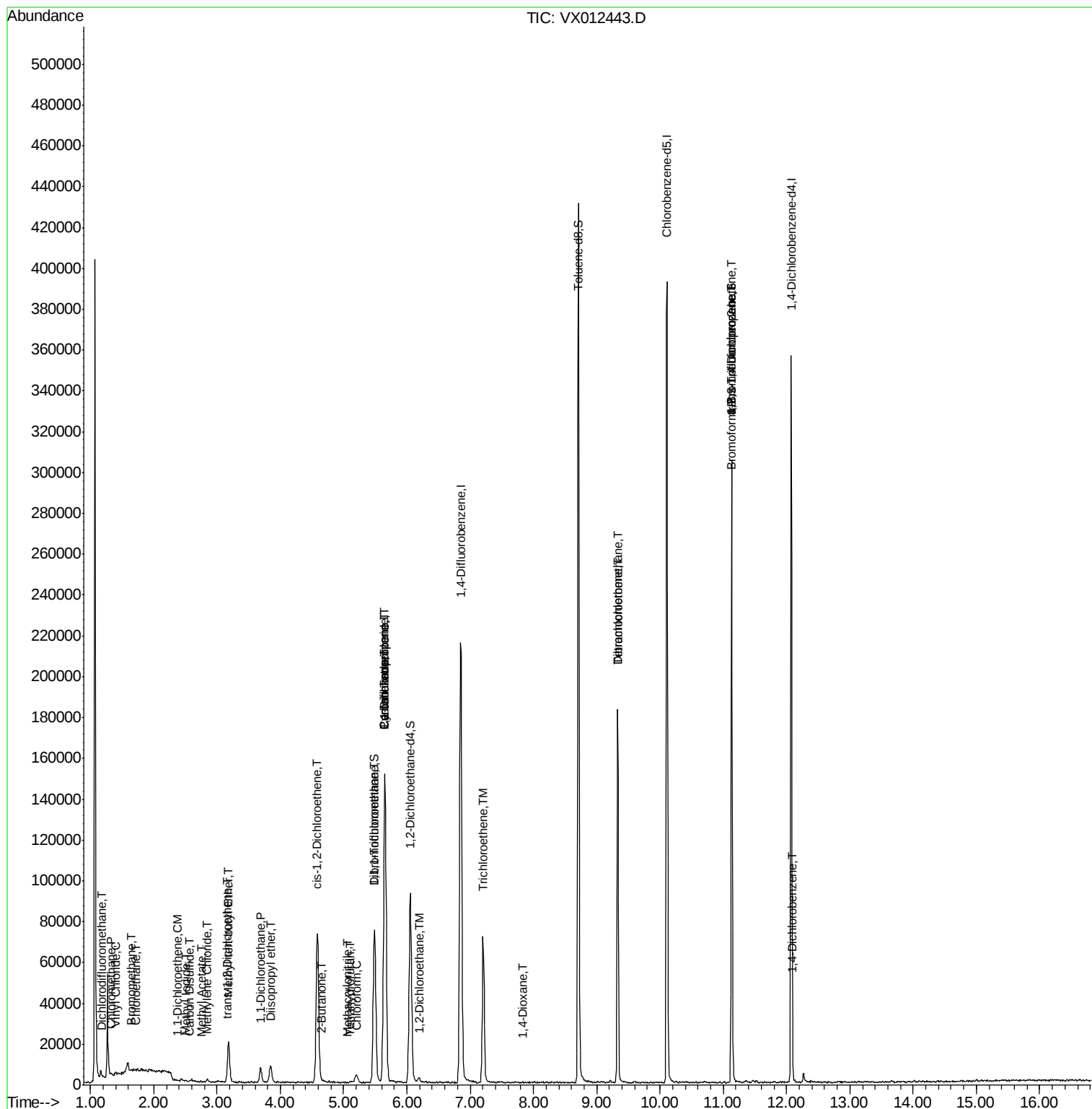
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.10	146	397	0.206	ug/l #	58

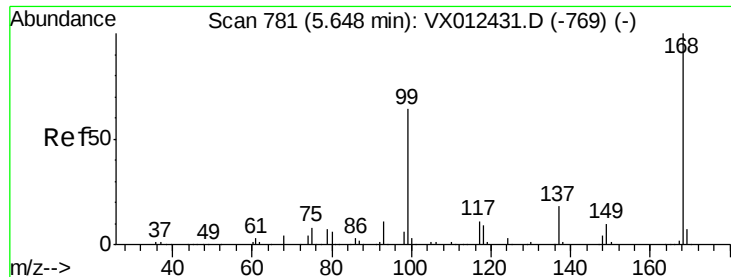
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

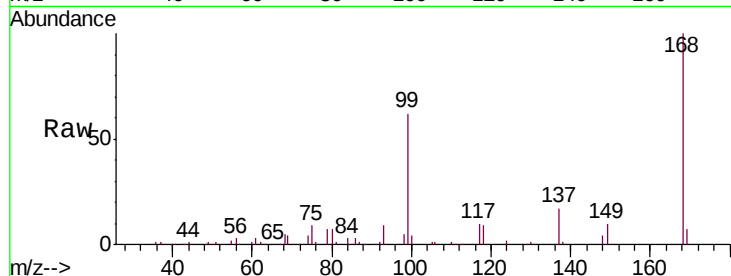
MW202D1-20190909

Tgt Ion: 168 Resp: 132913

Ion Ratio Lower Upper

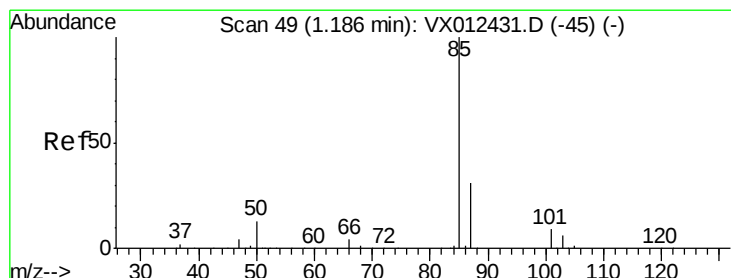
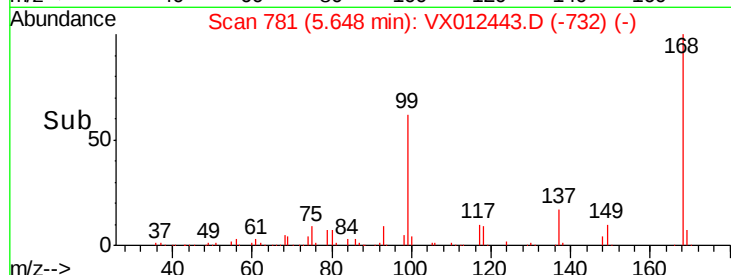
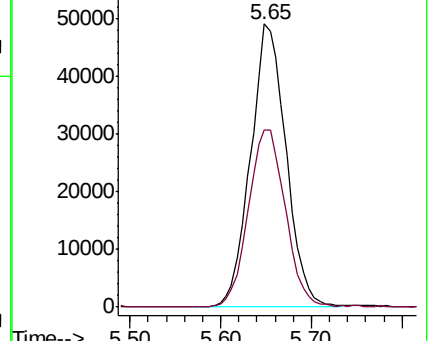
168 100

99 62.5 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: 0.411 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012443.D

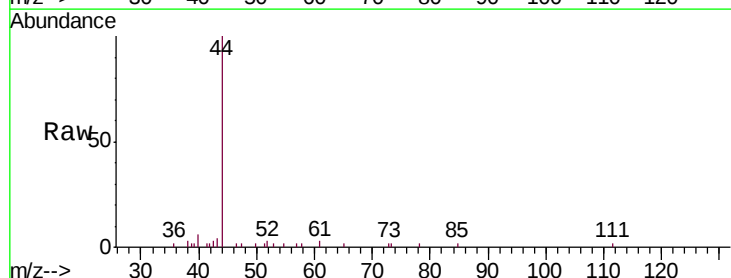
Acq: 17 Sep 2019 19:52

Tgt Ion: 85 Resp: 18

Ion Ratio Lower Upper

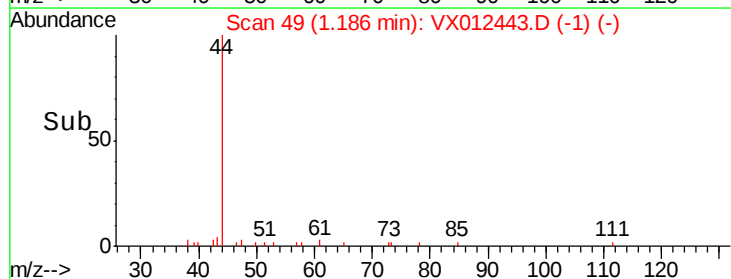
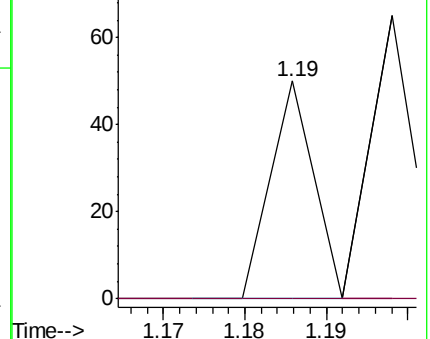
85 100

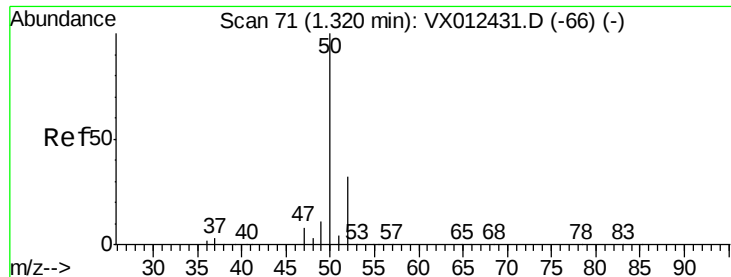
87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.835 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

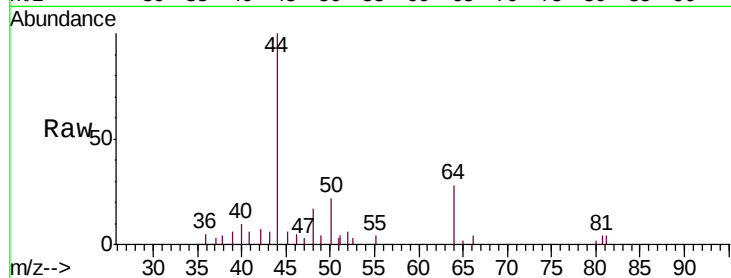
MW202D1-20190909

Tgt Ion: 50 Resp: 610

Ion Ratio Lower Upper

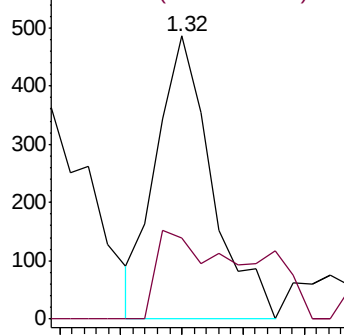
50 100

52 40.9 25.7 38.5#

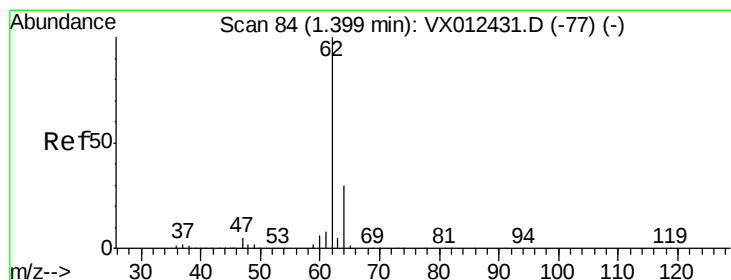
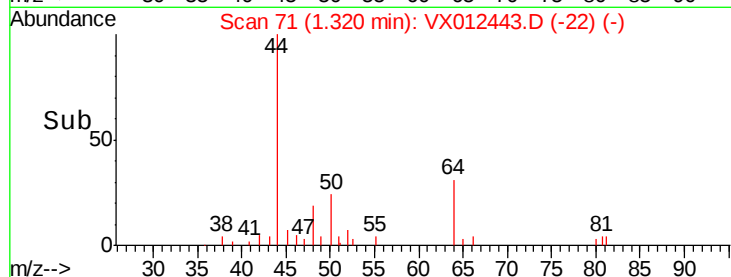


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 0.225 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX012443.D

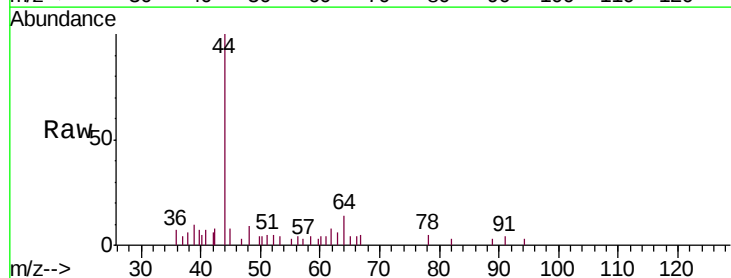
Acq: 17 Sep 2019 19:52

Tgt Ion: 62 Resp: 178

Ion Ratio Lower Upper

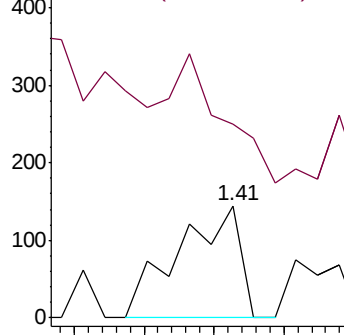
62 100

64 52.4 24.2 36.2#

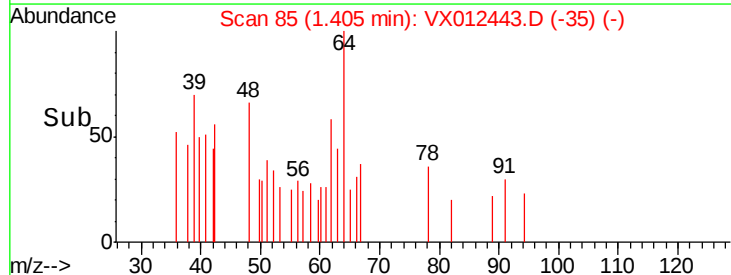


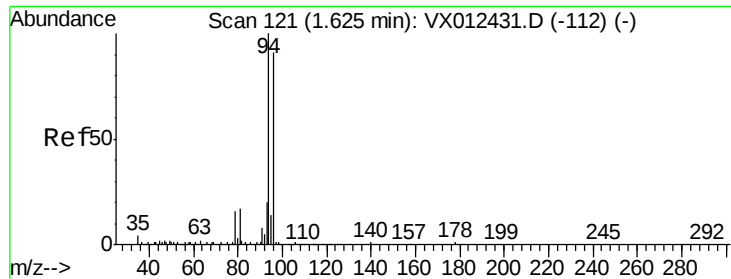
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 1.312 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

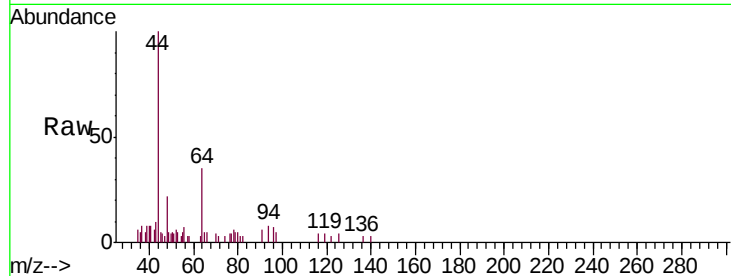
MW202D1-20190909

Tgt Ion: 94 Resp: 407

Ion Ratio Lower Upper

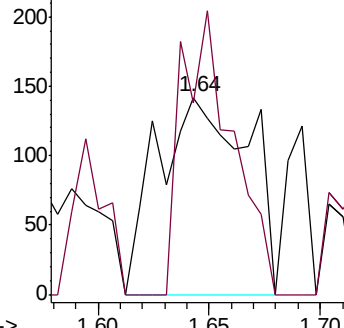
94 100

96 97.2 72.8 109.2

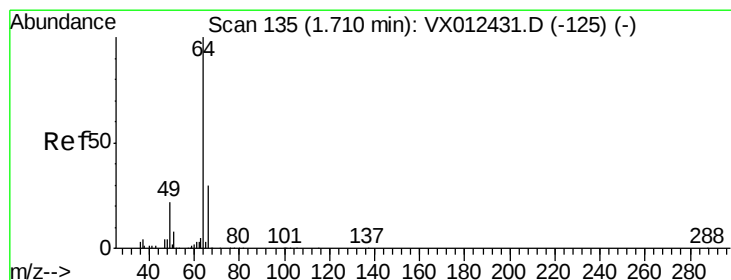
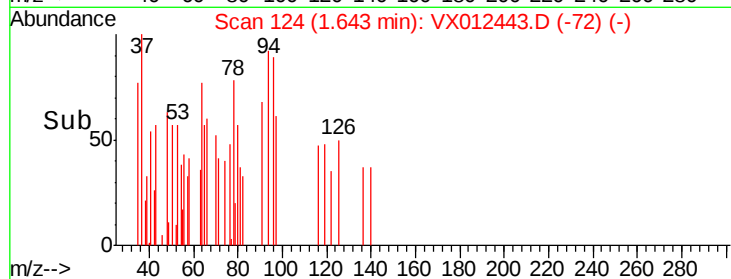


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 0.359 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012443.D

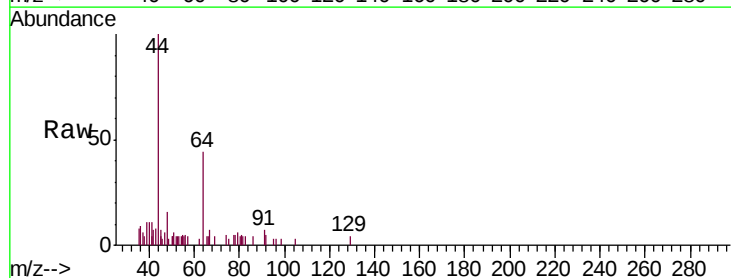
Acq: 17 Sep 2019 19:52

Tgt Ion: 64 Resp: 222

Ion Ratio Lower Upper

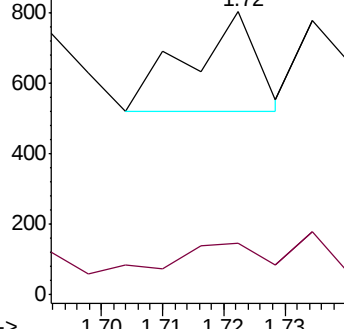
64 100

66 21.5 24.0 36.0#

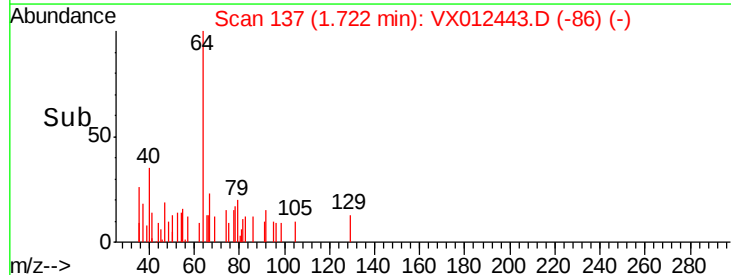


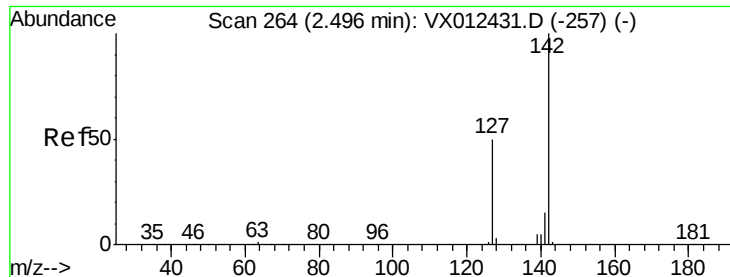
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#10

Methyl Iodide

Concen: 4.788 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20190909

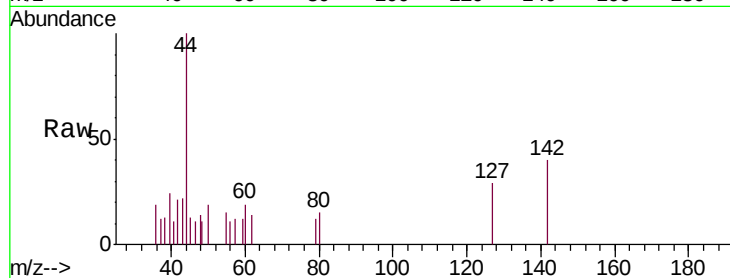
Tgt Ion: 142 Resp: 341

Ion Ratio Lower Upper

142 100

127 41.9 40.8 61.2

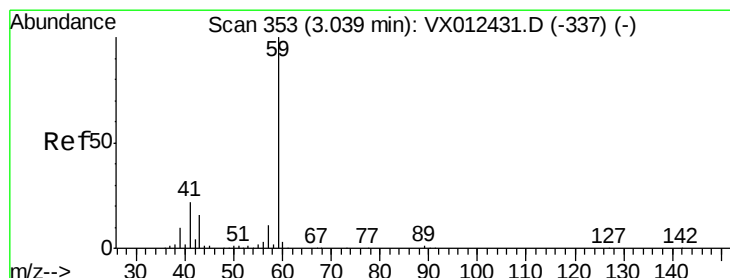
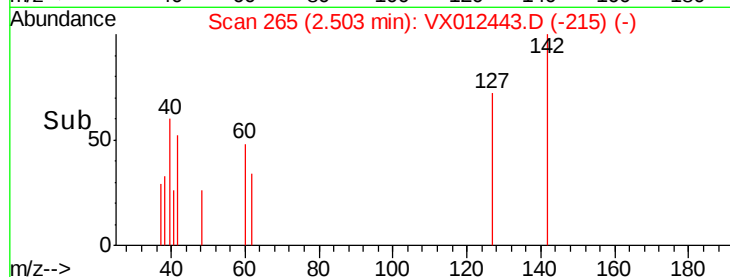
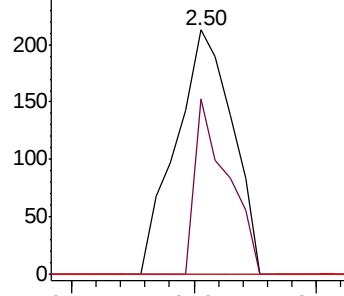
141 0.0 12.1 18.1#



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: Below Cal

RT: 3.00 min Scan# 346

Delta R.T. -0.04 min

Lab File: VX012443.D

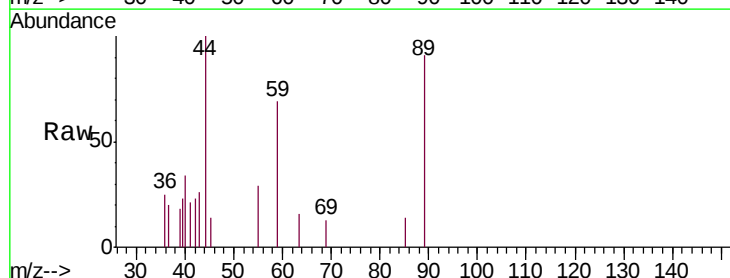
Acq: 17 Sep 2019 19:52

Tgt Ion: 59 Resp: 683

Ion Ratio Lower Upper

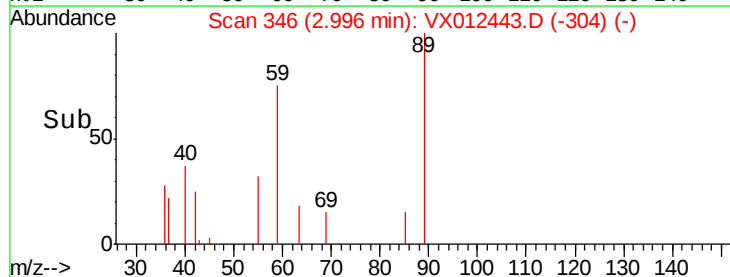
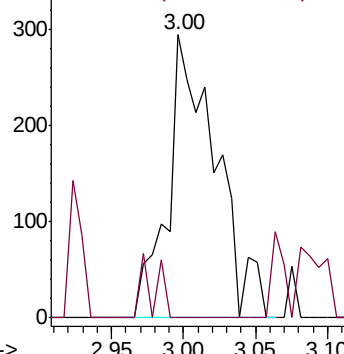
59 100

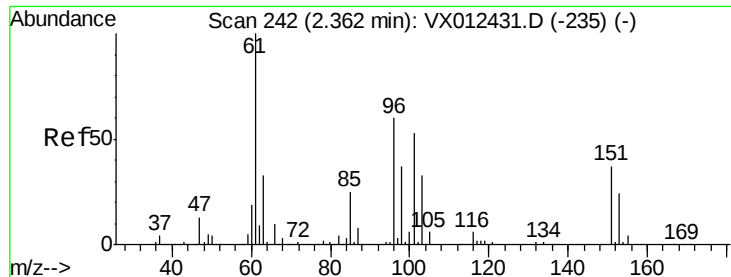
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.267 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

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MW202D1-20190909

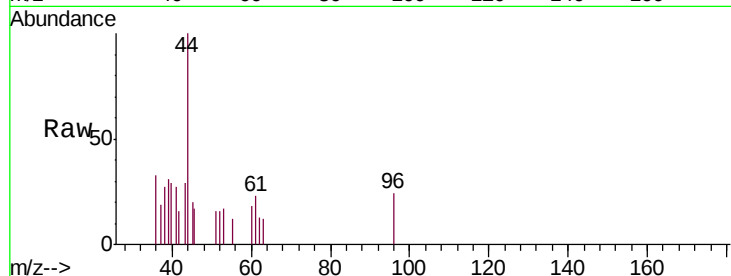
Tgt Ion: 96 Resp: 223

Ion Ratio Lower Upper

96 100

61 96.3 133.8 200.6#

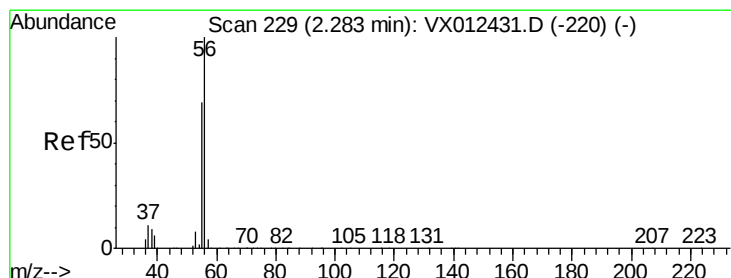
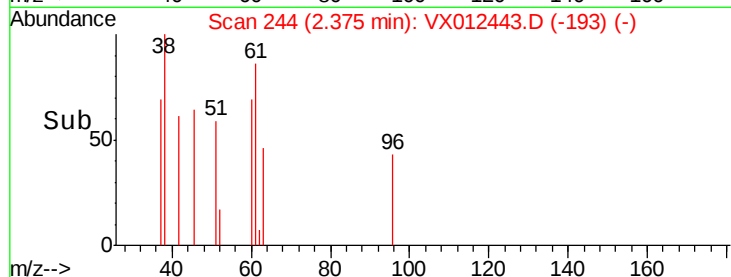
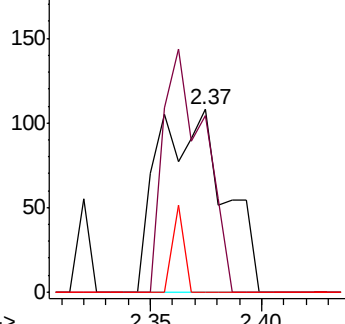
98 0.0 49.9 74.9#



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



#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX012443.D

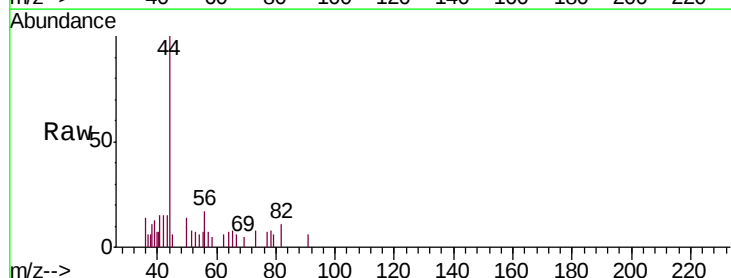
Acq: 17 Sep 2019 19:52

Tgt Ion: 56 Resp: 225

Ion Ratio Lower Upper

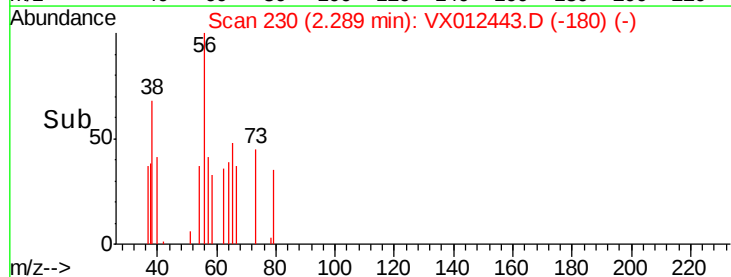
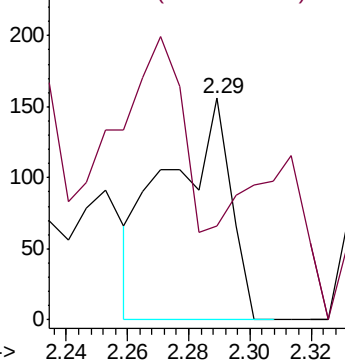
56 100

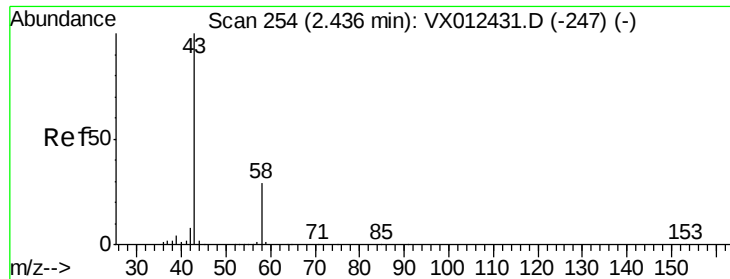
55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

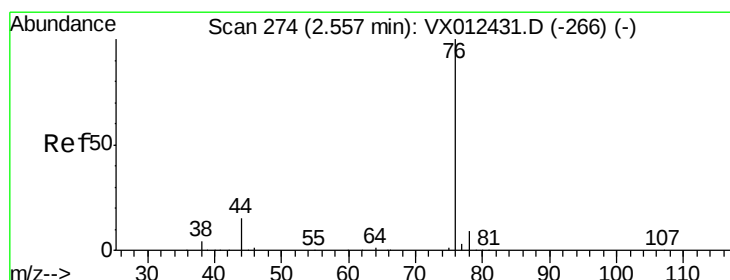
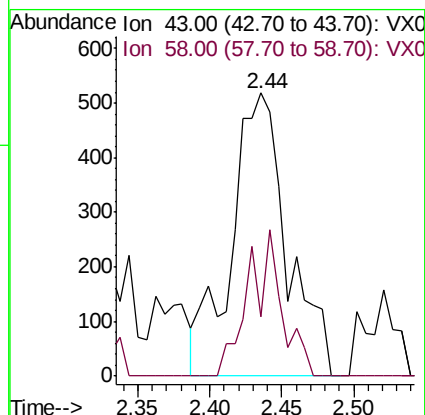
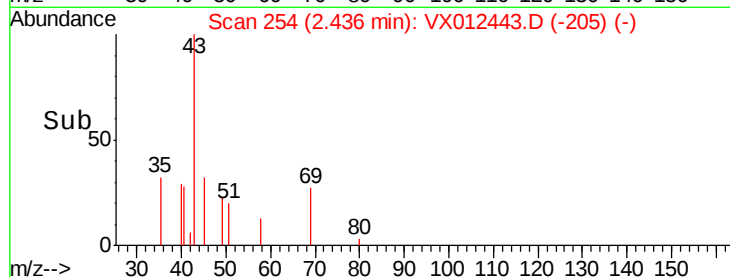
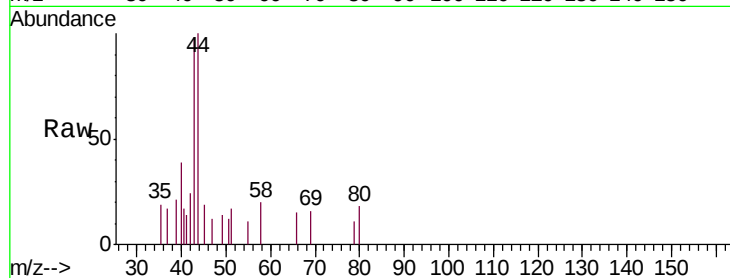
MW202D1-20190909

Tgt Ion: 43 Resp: 1399

Ion Ratio Lower Upper

43 100

58 20.8 23.3 34.9#



#17

Carbon Disulfide

Concen: 2.119 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012443.D

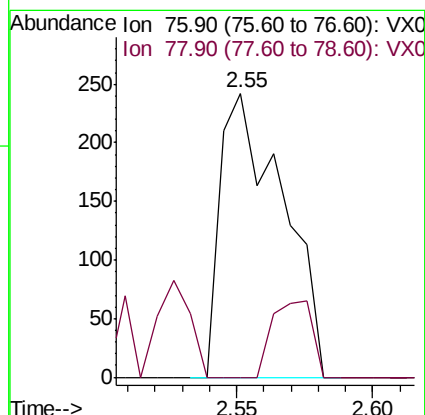
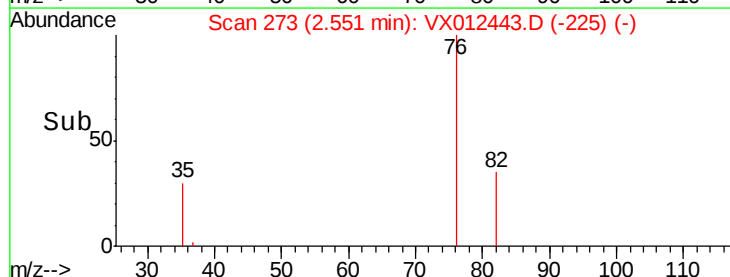
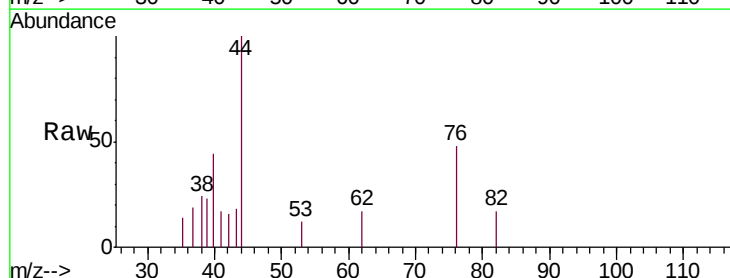
Acq: 17 Sep 2019 19:52

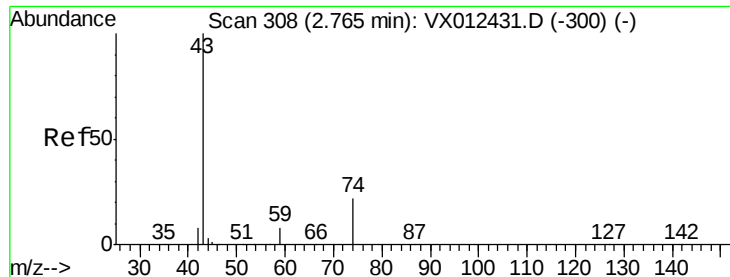
Tgt Ion: 76 Resp: 383

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

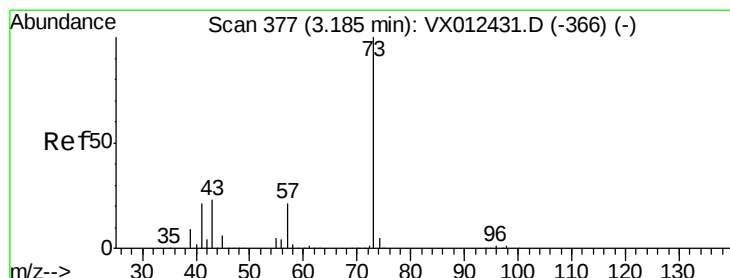
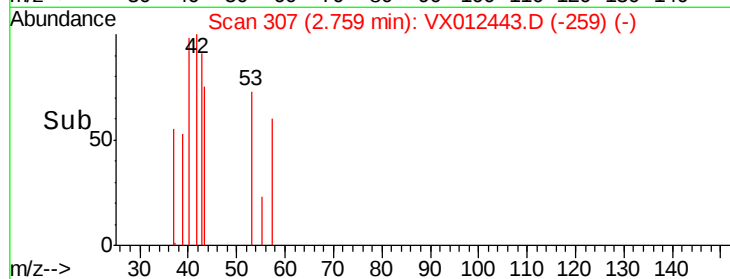
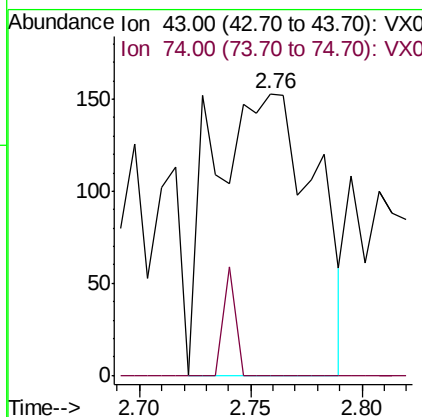
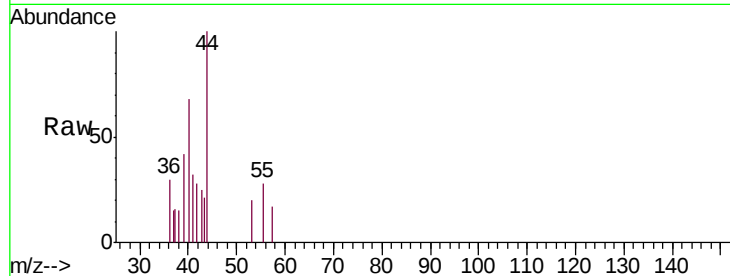




#18
Methyl Acetate
Concen: 0.247 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

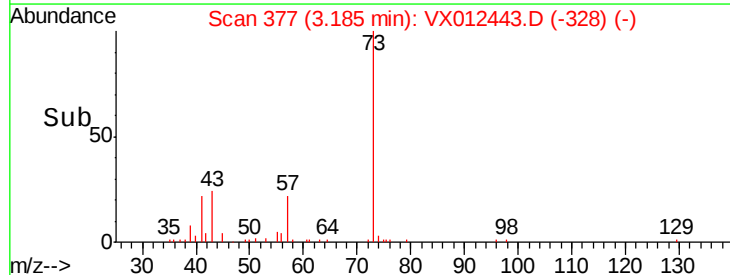
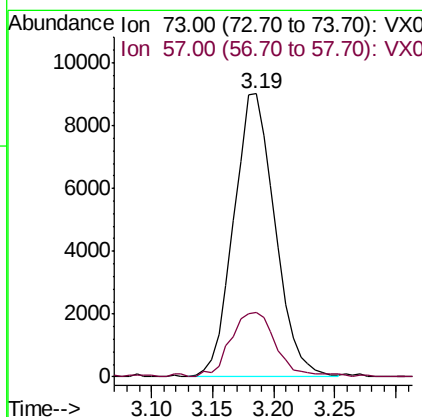
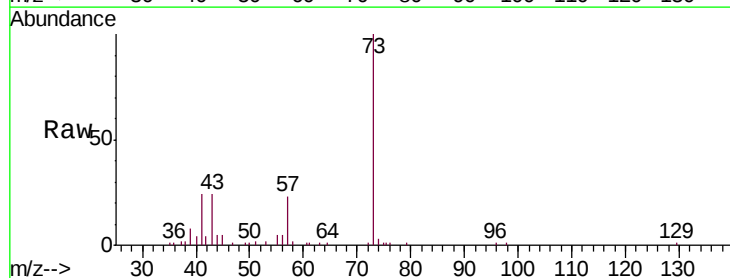
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20190909

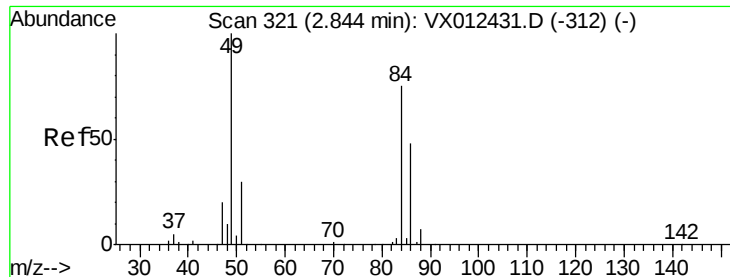
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
74 4.5 17.7 26.5#



#19
Methyl tert-butyl Ether
Concen: 4.650 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

Tgt Ion: 73 Resp: 21184
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2

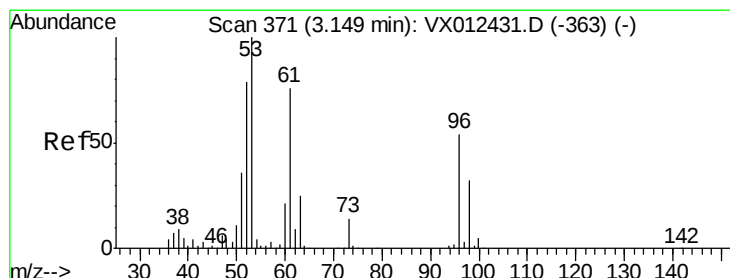
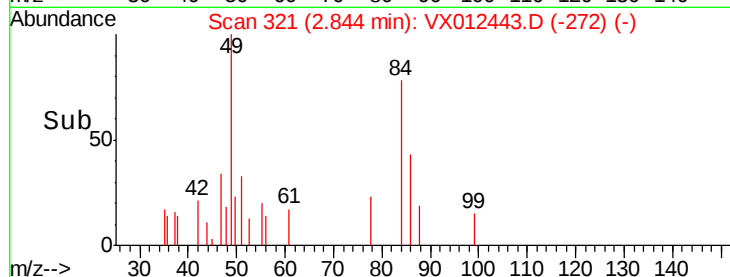
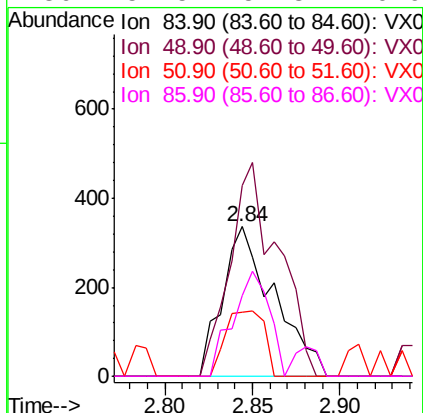
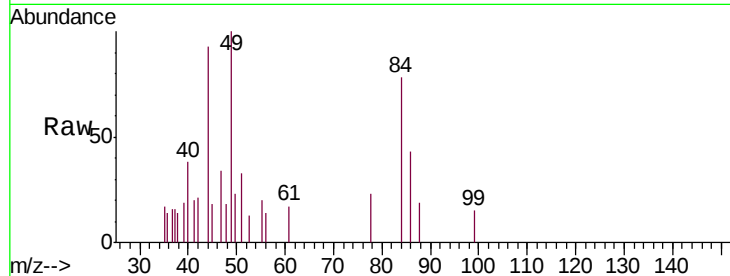




#20
Methylene Chloride
Concen: 0.601 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

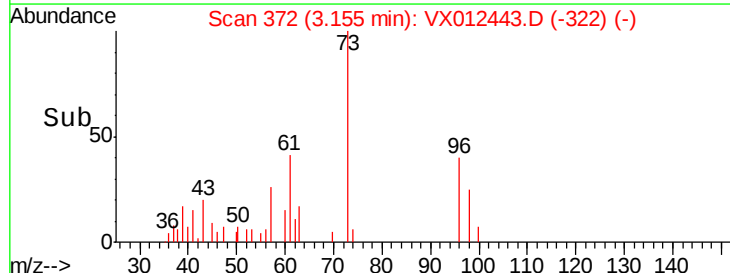
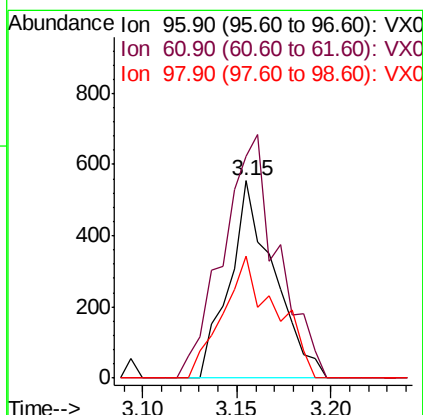
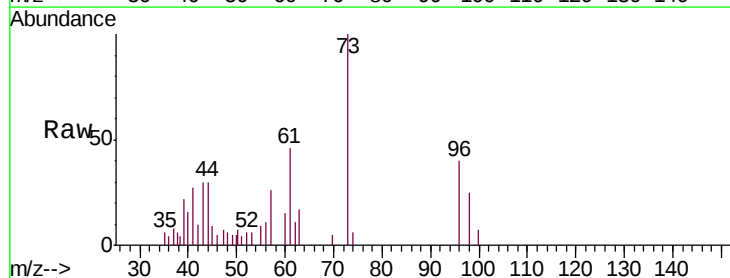
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20190909

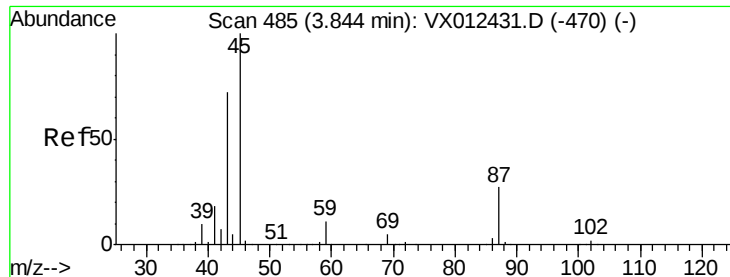
Tgt Ion: 84 Resp: 693
Ion Ratio Lower Upper
84 100
49 127.7 106.8 160.2
51 42.6 32.3 48.5
86 54.5 51.3 76.9



#21
trans-1,2-Dichloroethene
Concen: 1.043 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.01 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

Tgt Ion: 96 Resp: 905
Ion Ratio Lower Upper
96 100
61 112.8 112.0 168.0
98 61.7 47.8 71.8





#22

Diisopropyl ether

Concen: 1.964 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

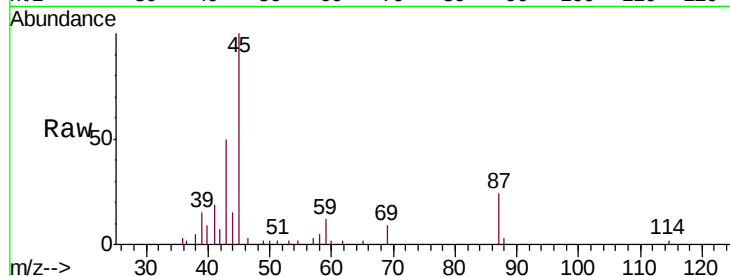
Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20190909

Tgt Ion:	45	Resp:	8946
Ion	Ratio	Lower	Upper
45	100		
43	47.7	57.8	86.8#
87	24.2	21.3	31.9
59	12.0	8.5	12.7

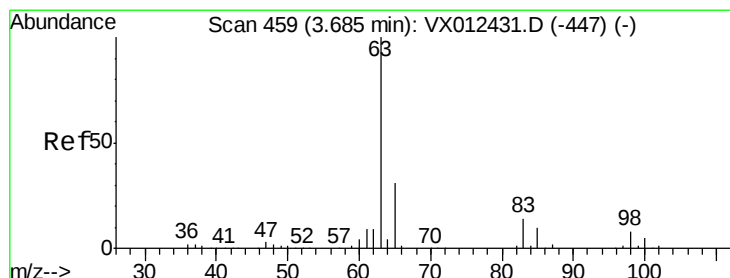
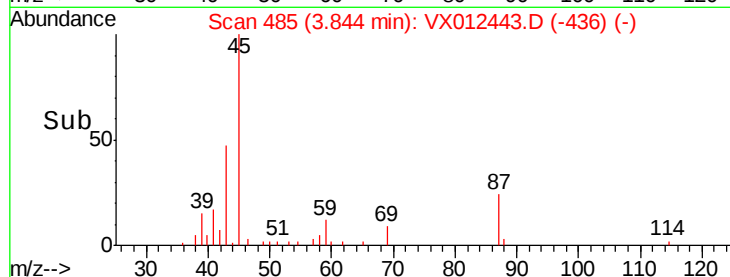
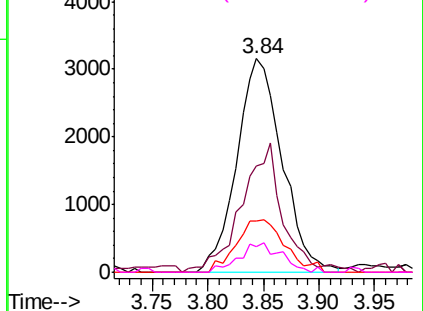


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#24

1,1-Dichloroethane

Concen: 3.429 ug/l

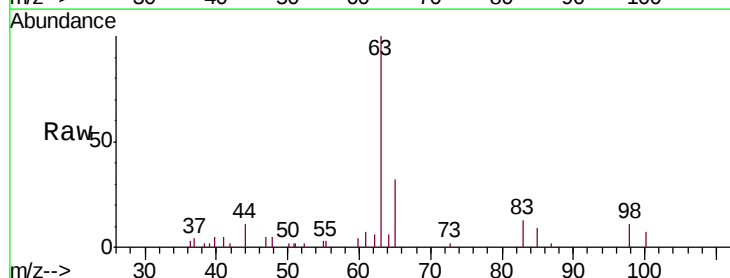
RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

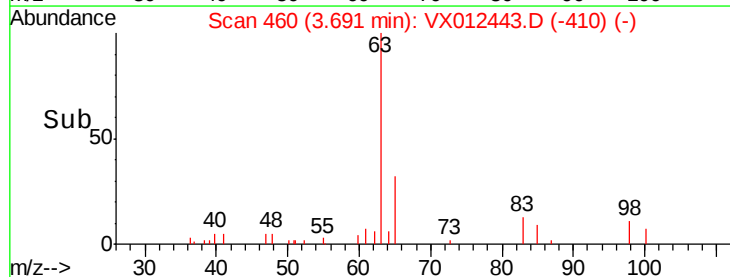
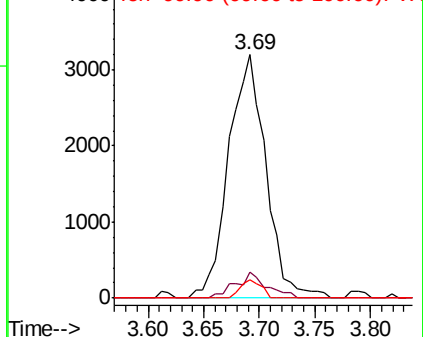
Tgt Ion:	63	Resp:	7473
Ion	Ratio	Lower	Upper
63	100		
98	10.7	3.9	11.7
100	7.3	2.3	6.9#

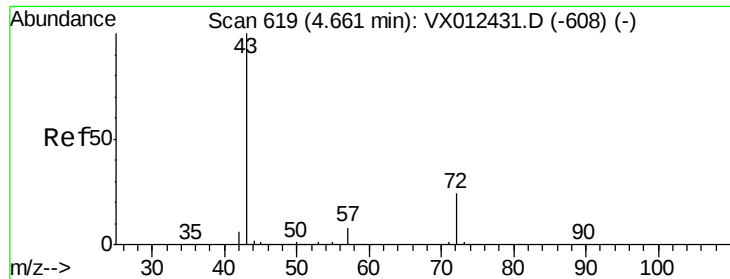


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.224 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

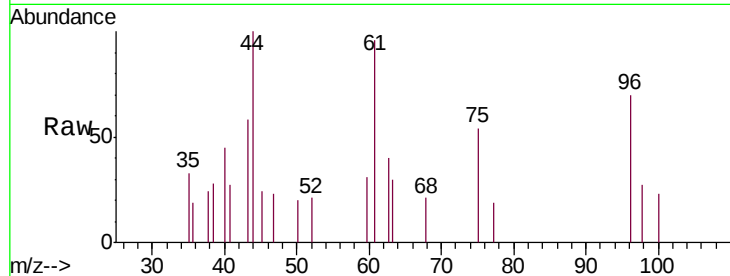
MW202D1-20190909

Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

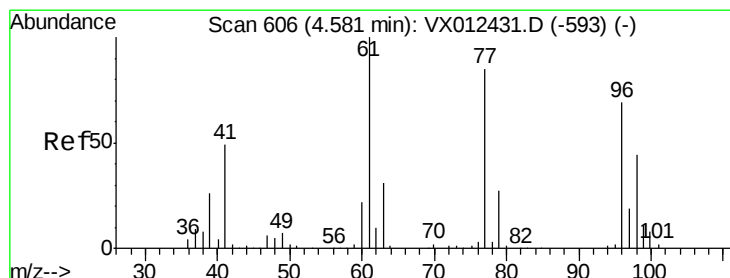
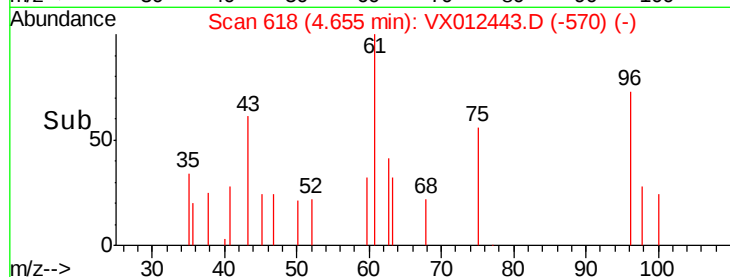
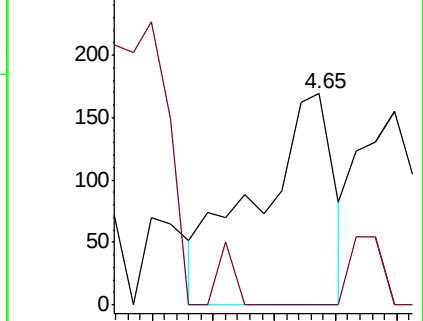
43 100

72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 35.198 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

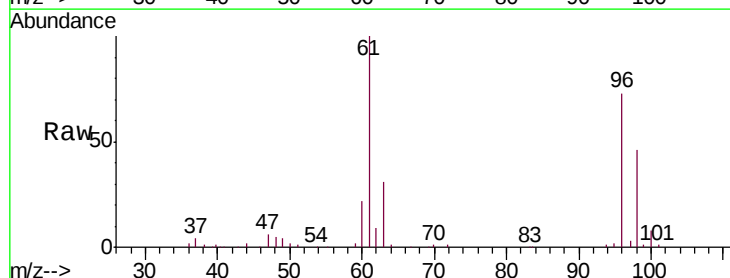
Tgt Ion: 96 Resp: 45626

Ion Ratio Lower Upper

96 100

61 135.1 0.0 319.4

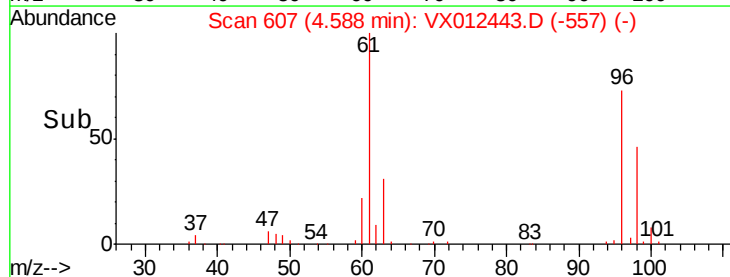
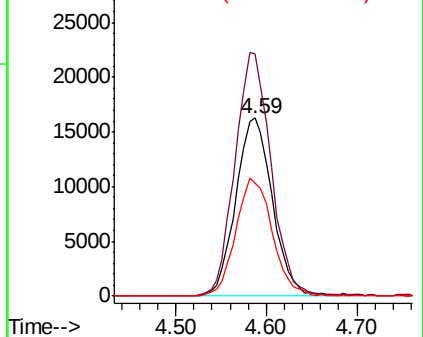
98 65.8 0.0 130.6

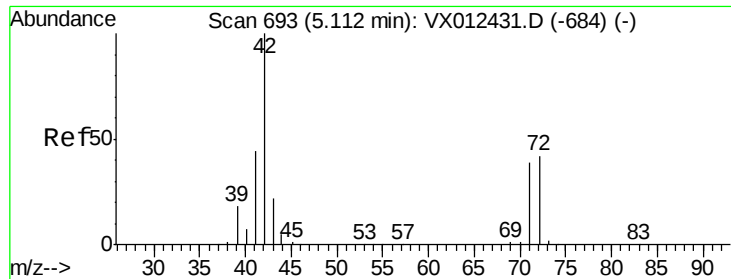


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

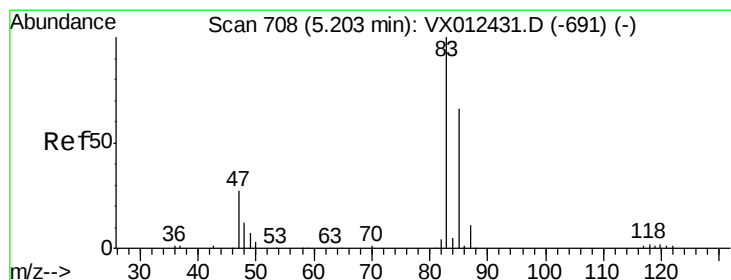
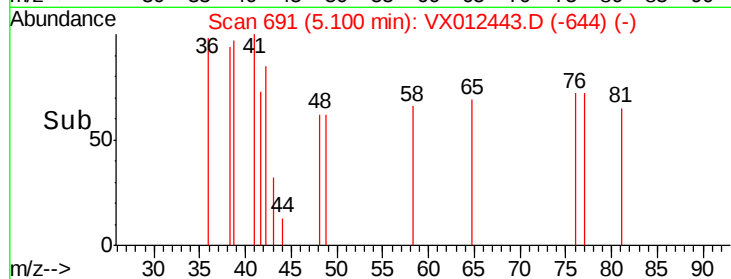
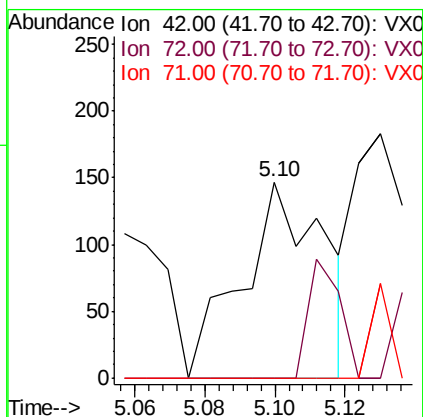
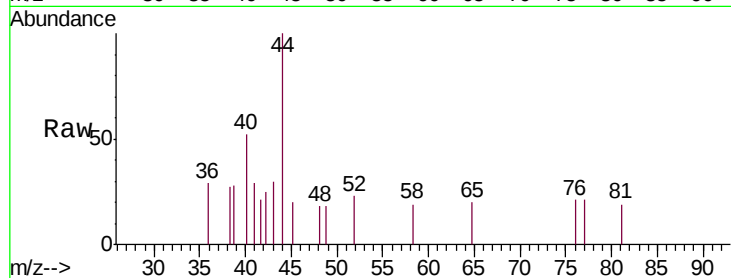




#29
Tetrahydrofuran
Concen: 0.326 ug/l
RT: 5.10 min Scan# 691
Delta R.T. -0.01 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

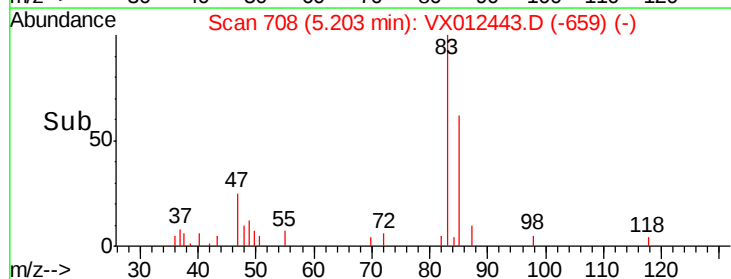
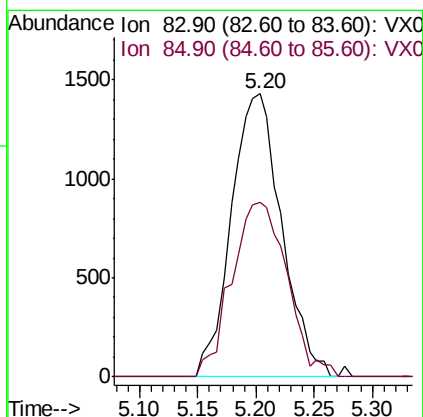
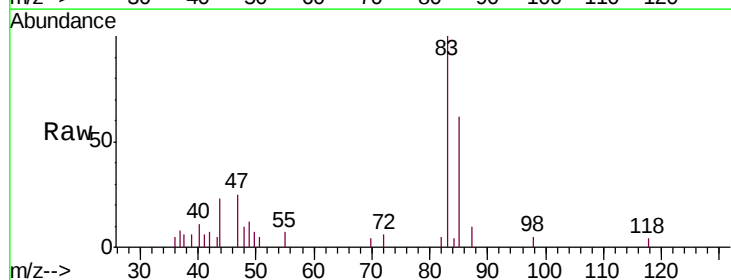
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20190909

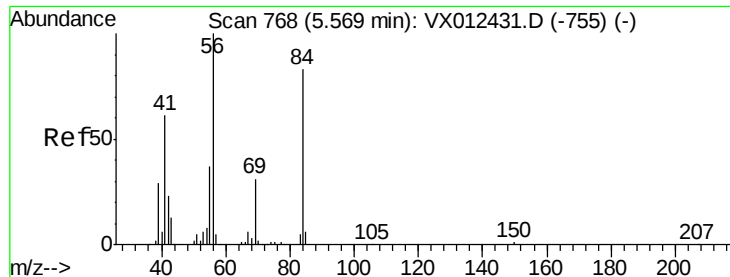
Tgt Ion: 42 Resp: 238
Ion Ratio Lower Upper
42 100
72 23.5 34.0 51.0#
71 0.0 31.5 47.3#



#30
Chloroform
Concen: 1.713 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

Tgt Ion: 83 Resp: 4287
Ion Ratio Lower Upper
83 100
85 61.9 53.0 79.4

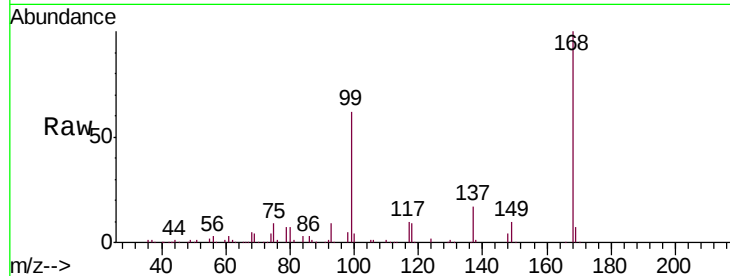




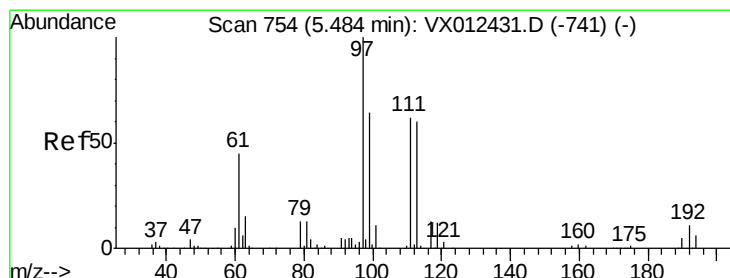
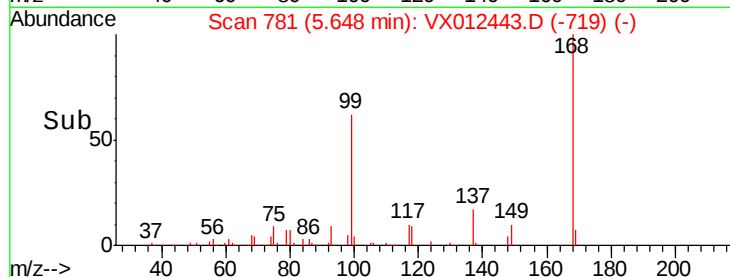
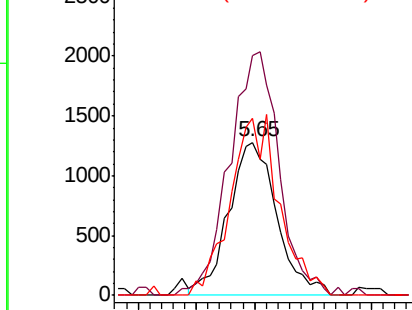
#31
Cyclohexane
Concen: 2.809 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20190909

Tgt Ion: 56 Resp: 3696
Ion Ratio Lower Upper
56 100
69 151.8 25.0 37.6#
84 115.8 66.4 99.6#

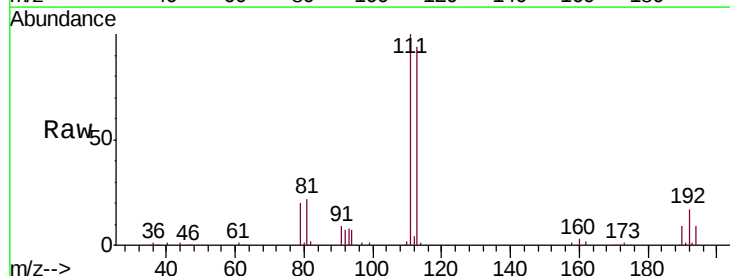


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

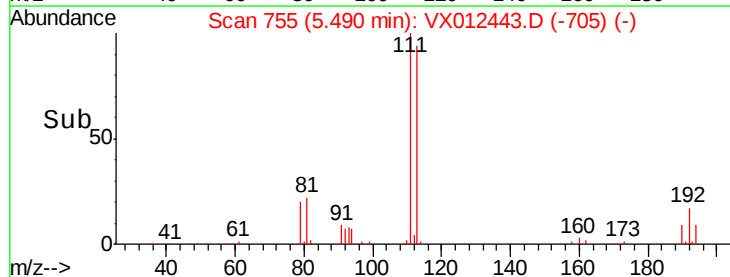
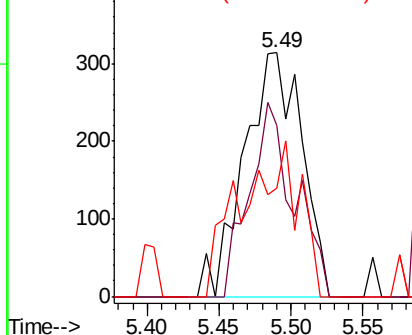


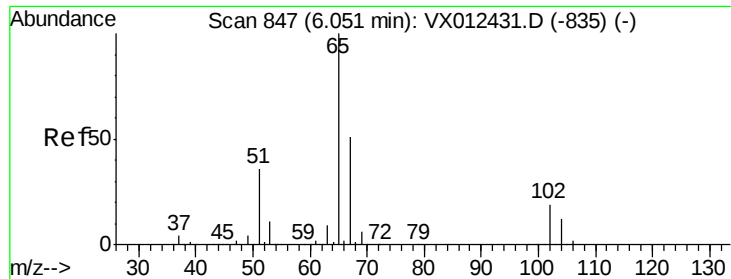
#32
1,1,1-Trichloroethane
Concen: 0.418 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

Tgt Ion: 97 Resp: 875
Ion Ratio Lower Upper
97 100
99 0.0 51.3 76.9#
61 40.2 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

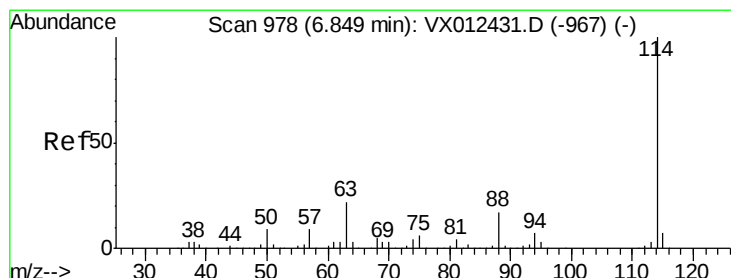
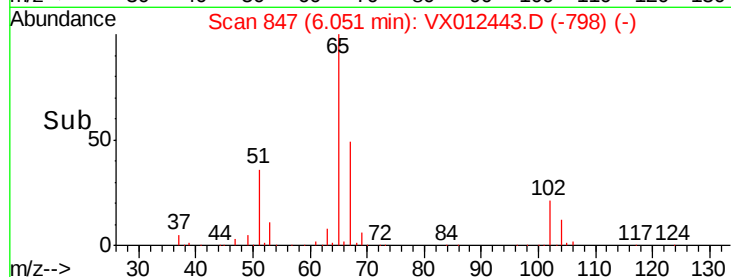
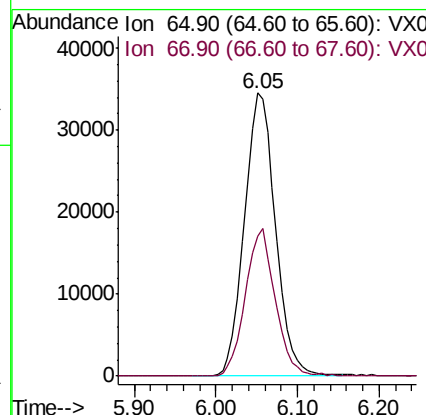
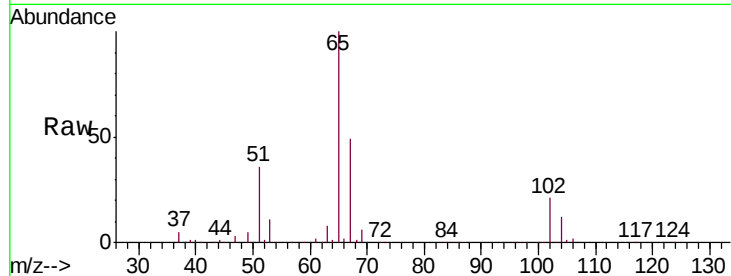




#33
 1,2-Dichloroethane-d4
 Concen: 47.895 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012443.D
 Acq: 17 Sep 2019 19:52

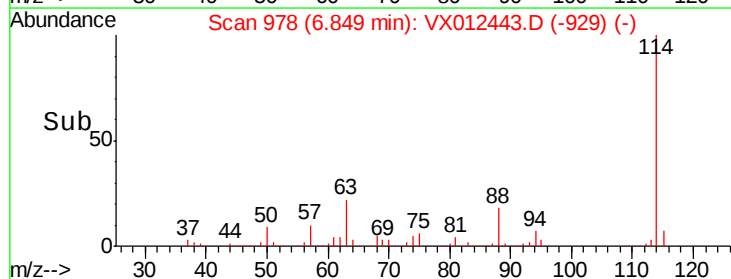
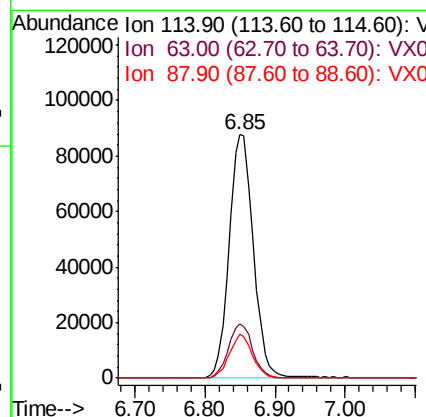
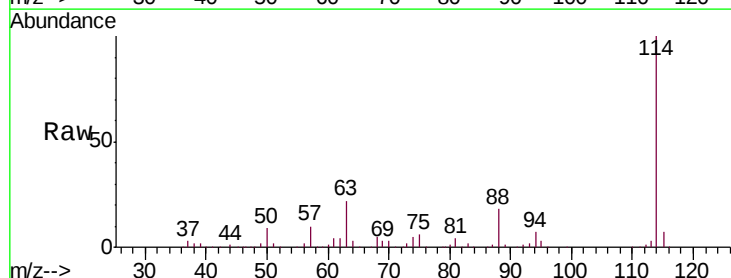
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20190909

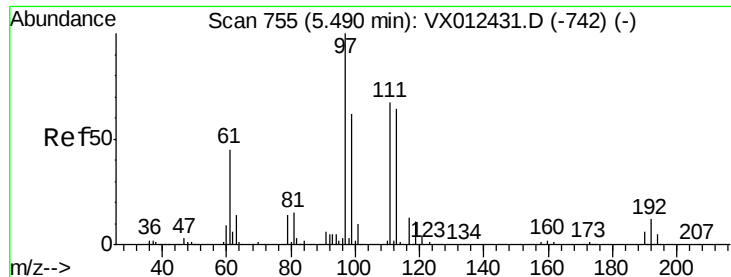
Tgt Ion: 65 Resp: 91236
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012443.D
 Acq: 17 Sep 2019 19:52

Tgt Ion: 114 Resp: 210755
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 17.9 0.0 33.2

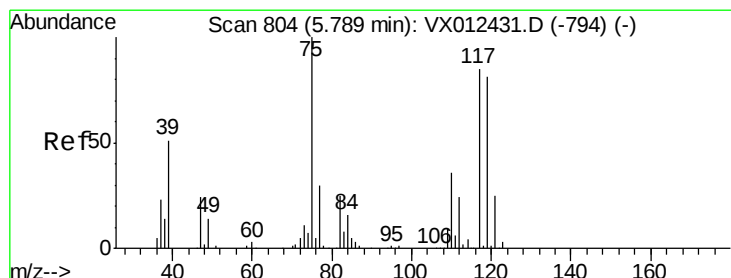
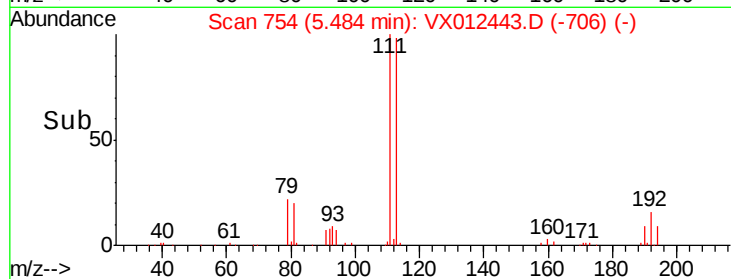
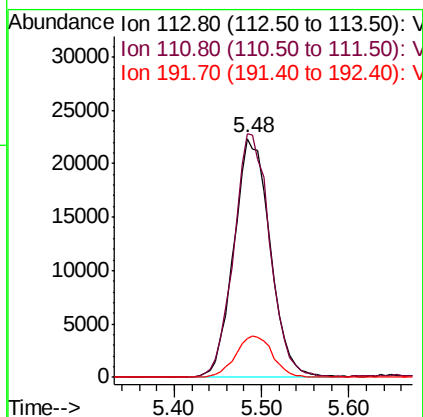
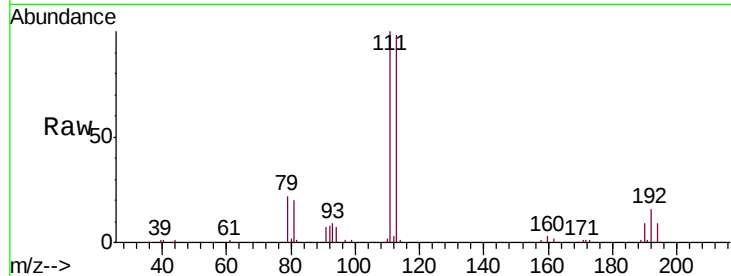




#35
 Dibromofluoromethane
 Concen: 50.631 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012443.D
 Acq: 17 Sep 2019 19:52

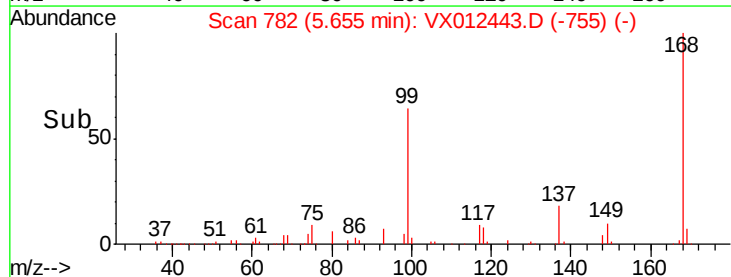
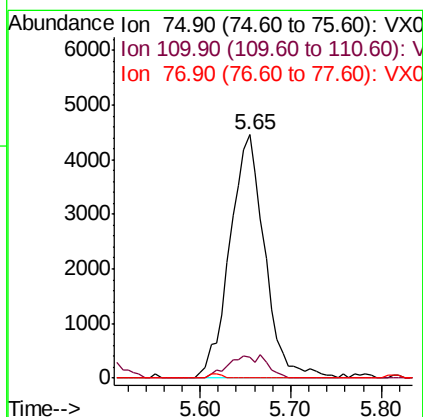
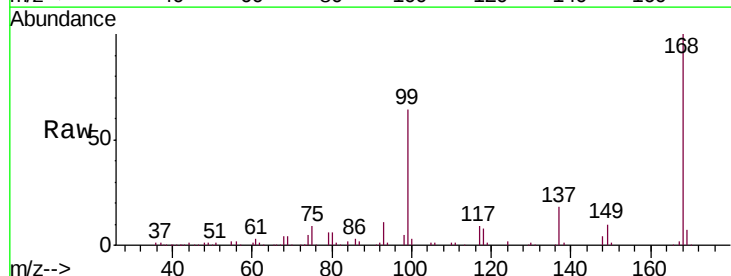
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20190909

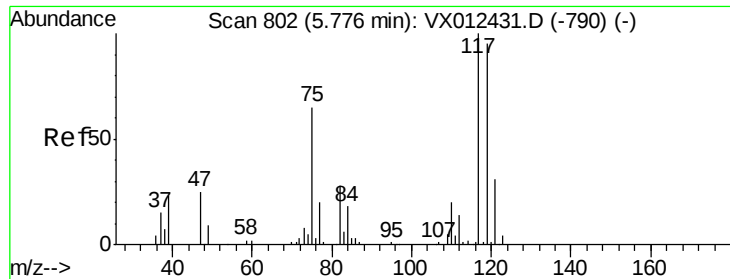
Tgt Ion:113 Resp: 64585
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.4 125.2
 192 17.7 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 9.258 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012443.D
 Acq: 17 Sep 2019 19:52

Tgt Ion: 75 Resp: 11858
 Ion Ratio Lower Upper
 75 100
 110 10.4 16.7 50.0#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 8.815 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20190909

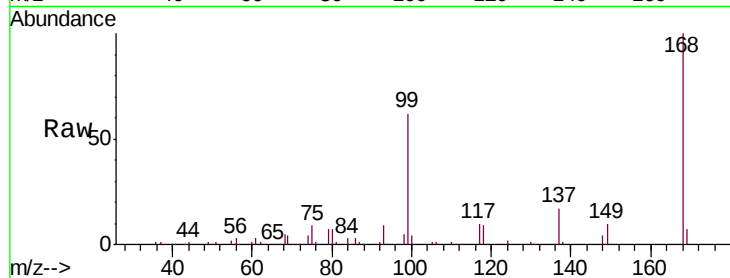
Tgt Ion:117 Resp: 14042

Ion Ratio Lower Upper

117 100

119 3.8 75.7 113.5#

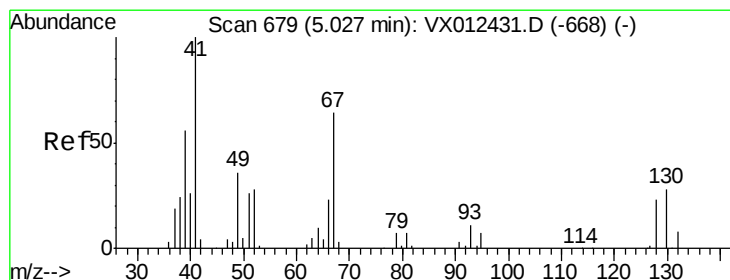
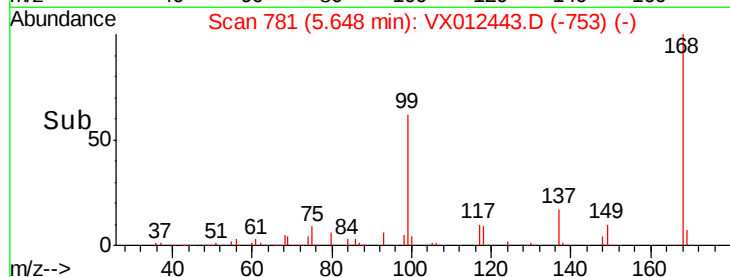
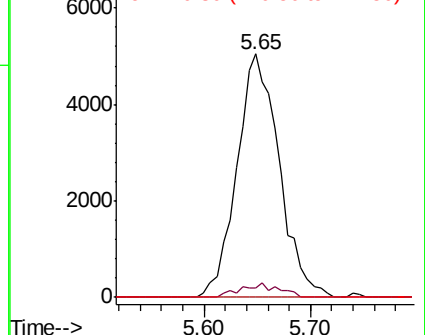
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.264 ug/l

RT: 5.06 min Scan# 684

Delta R.T. 0.03 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Tgt Ion: 41 Resp: 334

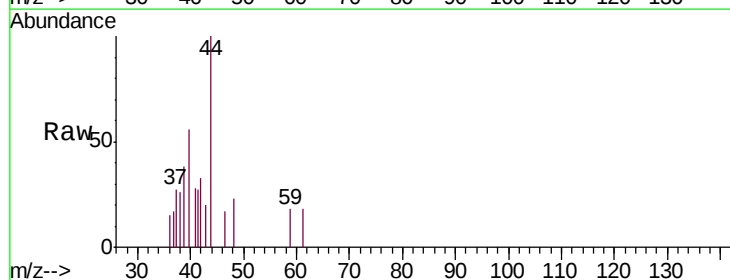
Ion Ratio Lower Upper

41 100

39 25.7 46.0 69.0#

67 6.6 52.2 78.2#

52 0.0 22.7 34.1#

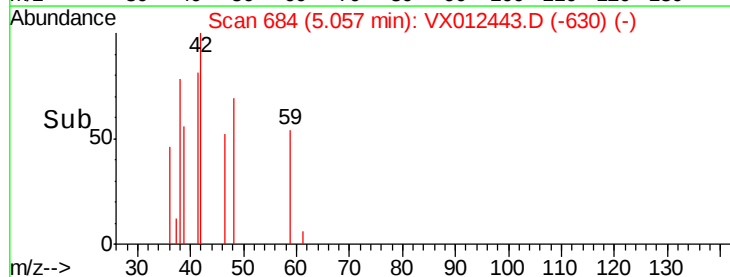
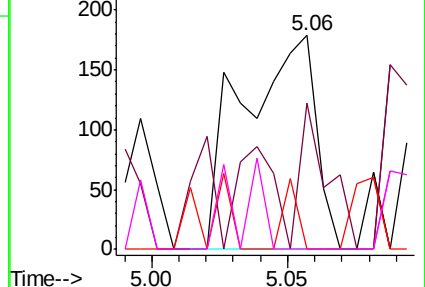


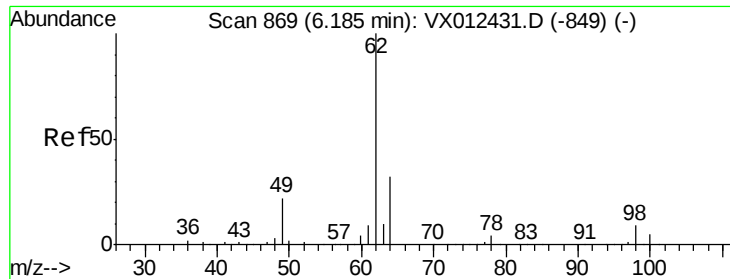
Abundance Ion 41.00 (40.70 to 41.70): VX0

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

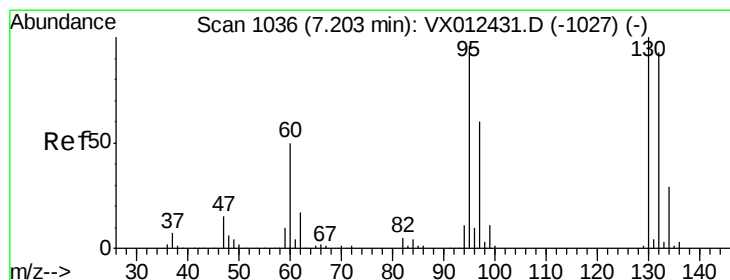
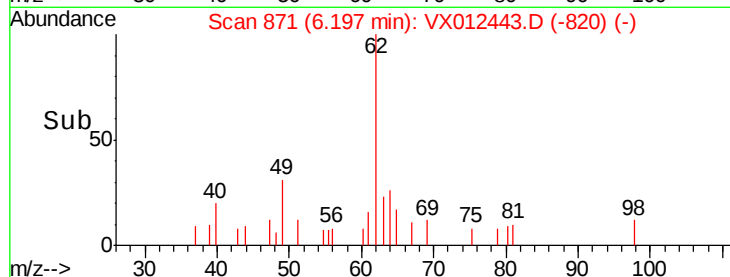
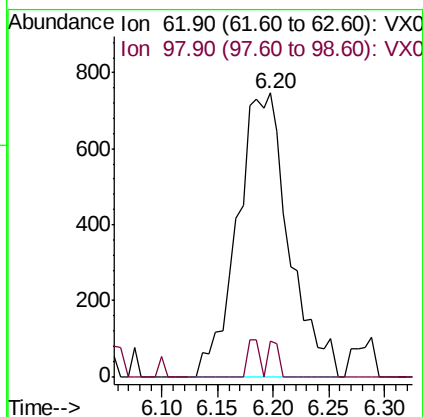
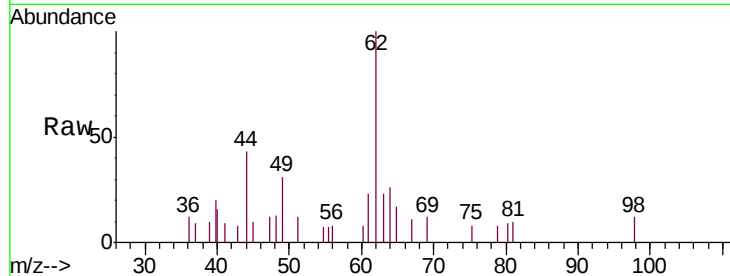




#42
 1,2-Dichloroethane
 Concen: 1.274 ug/l
 RT: 6.20 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX012443.D
 Acq: 17 Sep 2019 19:52

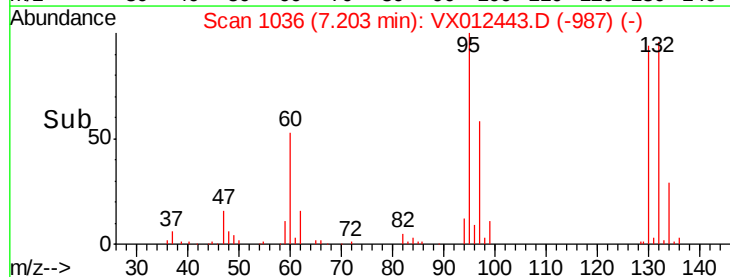
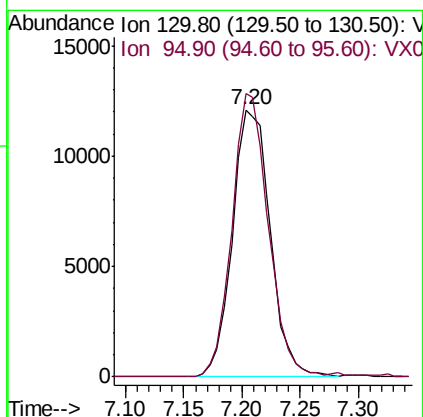
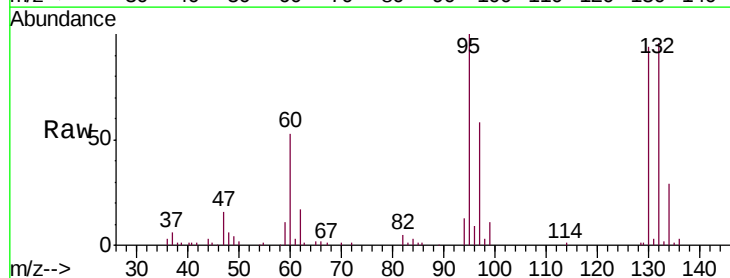
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20190909

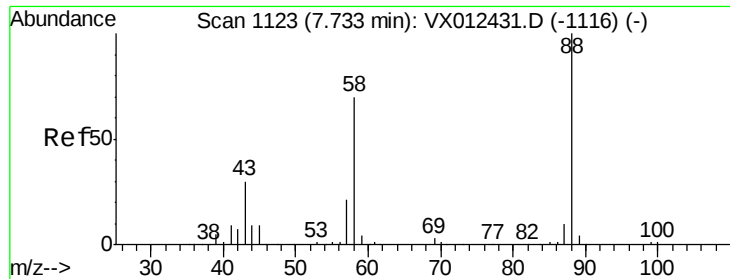
Tgt Ion: 62 Resp: 2406
 Ion Ratio Lower Upper
 62 100
 98 2.7 0.0 17.8



#44
 Trichloroethene
 Concen: 25.503 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012443.D
 Acq: 17 Sep 2019 19:52

Tgt Ion: 130 Resp: 27325
 Ion Ratio Lower Upper
 130 100
 95 106.1 0.0 193.0

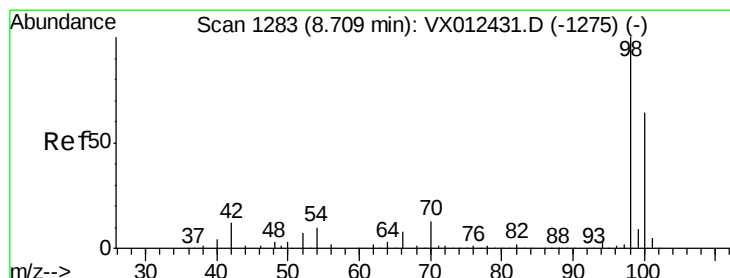
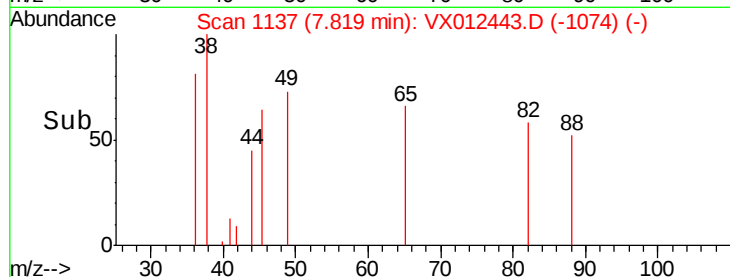
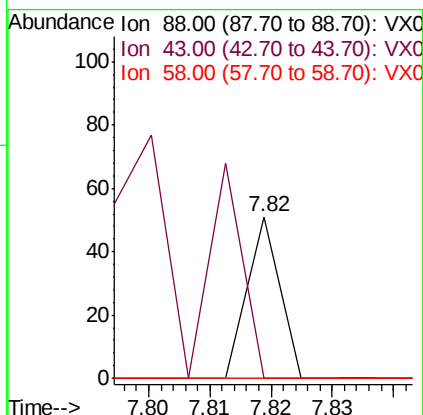
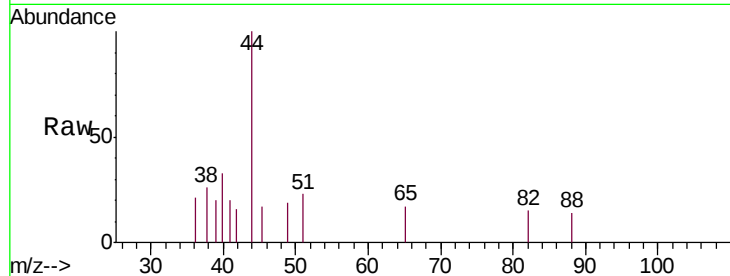




#49
1,4-Dioxane
Concen: 0.469 ug/l
RT: 7.82 min Scan# 1137
Delta R.T. 0.09 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

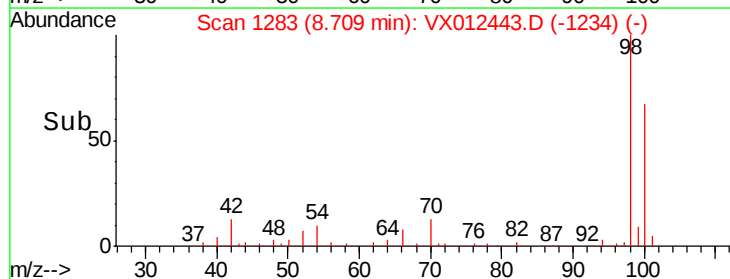
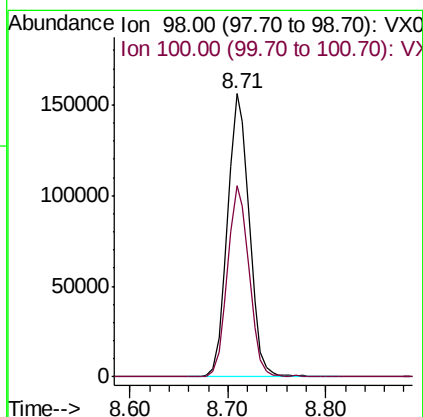
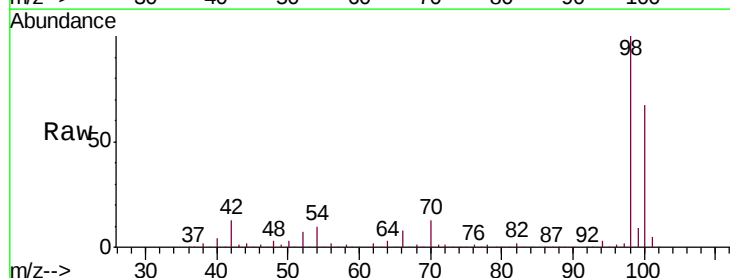
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20190909

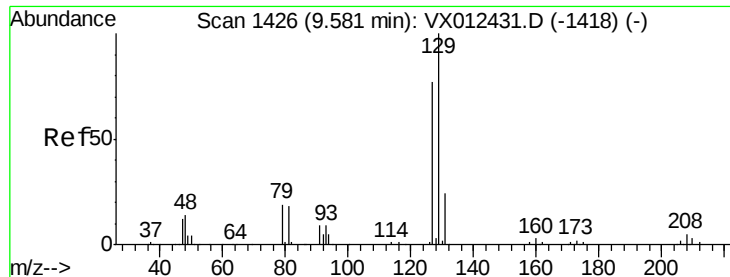
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 29.4 44.0#
58 0.0 57.5 86.3#



#50
Toluene-d8
Concen: 51.249 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

Tgt Ion: 98 Resp: 241978
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2





#60

Dibromochloromethane

Concen: 24.054 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

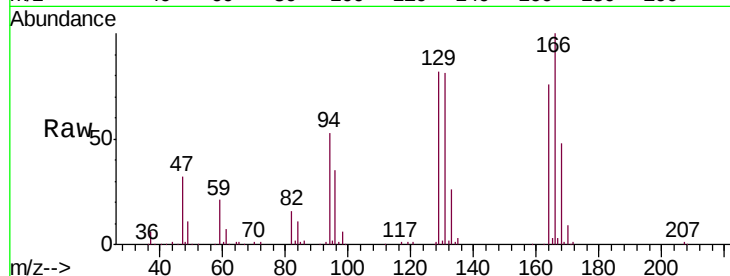
MW202D1-20190909

Tgt Ion:129 Resp: 33130

Ion Ratio Lower Upper

129 100

127 0.1 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.33

25000

20000

15000

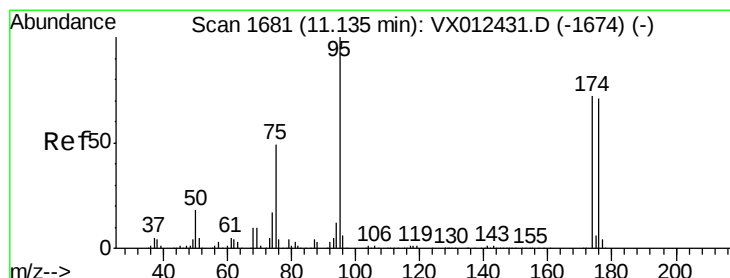
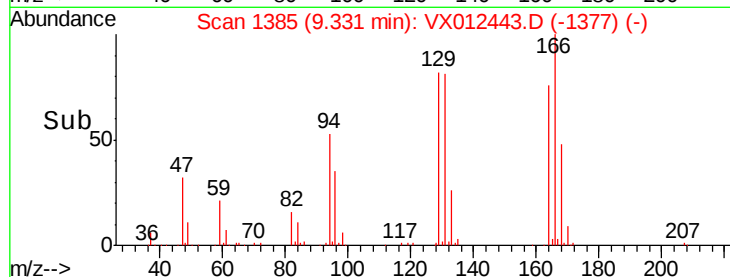
10000

5000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#62

4-Bromofluorobenzene

Concen: 42.547 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

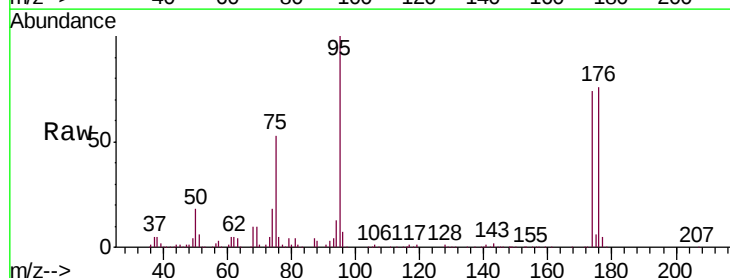
Tgt Ion: 95 Resp: 83412

Ion Ratio Lower Upper

95 100

174 69.9 0.0 140.0

176 68.2 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

80000

60000

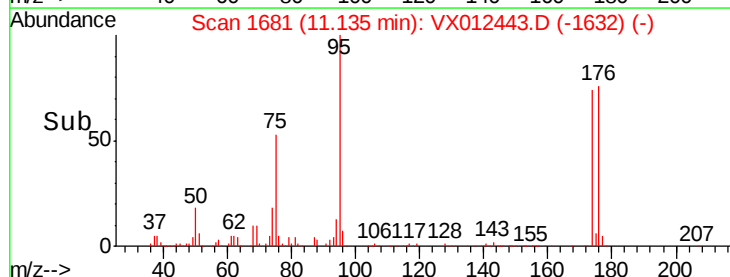
40000

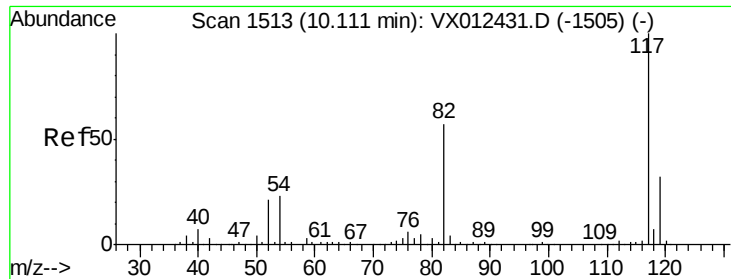
20000

0

Time-->

11.10 11.20

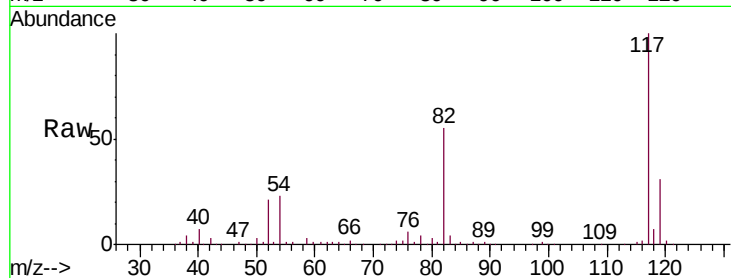




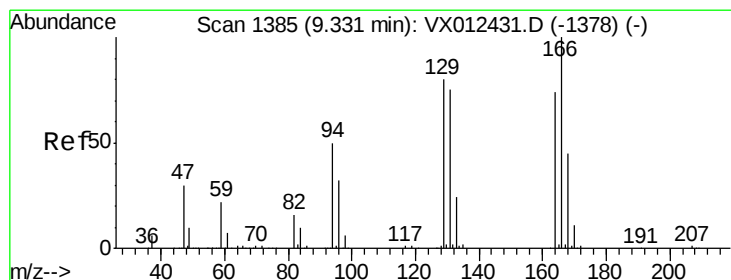
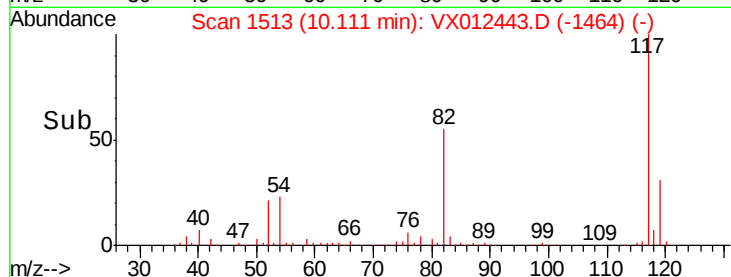
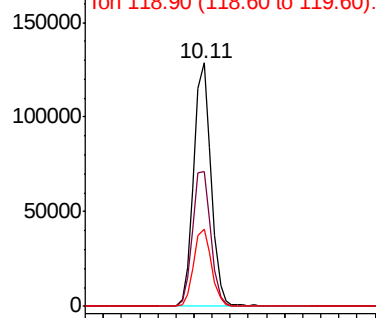
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20190909

Tgt Ion:117 Resp: 173008
Ion Ratio Lower Upper
117 100
82 55.5 45.9 68.9
119 31.5 25.3 37.9

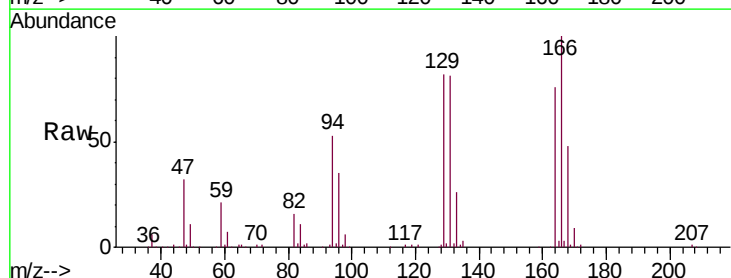


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

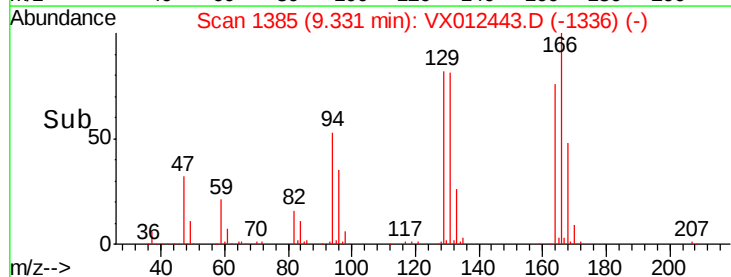
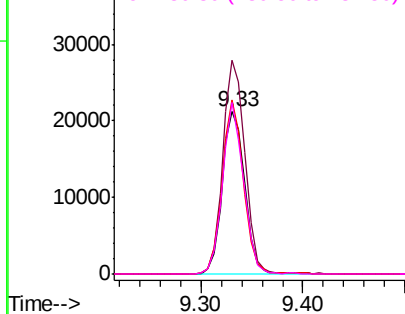


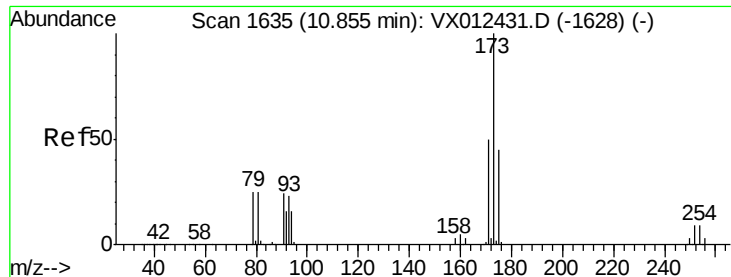
#64
Tetrachloroethene
Concen: 40.899 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012443.D
Acq: 17 Sep 2019 19:52

Tgt Ion:164 Resp: 32424
Ion Ratio Lower Upper
164 100
166 131.5 107.8 161.6
129 107.4 86.2 129.2
131 105.9 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





#71

Bromoform

Concen: 2.981 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.27 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20190909

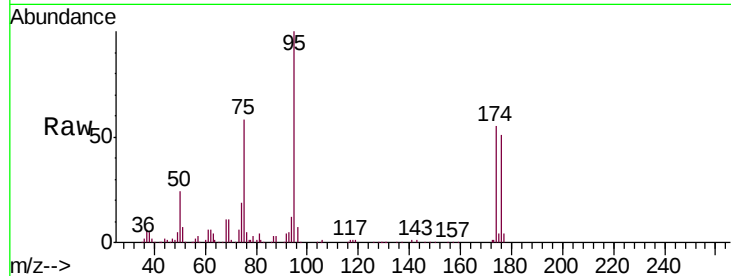
Tgt Ion:173 Resp: 120

Ion Ratio Lower Upper

173 100

175 0.0 23.7 71.1#

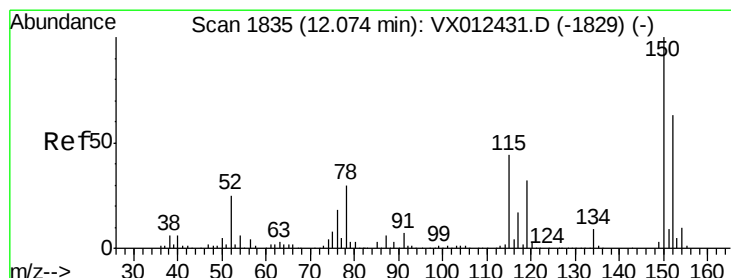
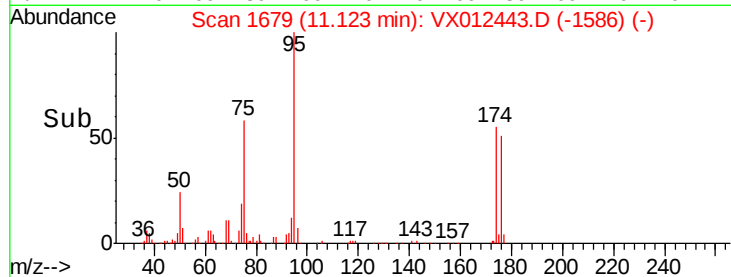
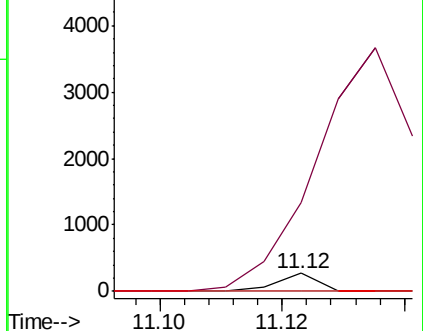
254 0.0 0.1 0.1#



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: VX012443.D

Acq: 17 Sep 2019 19:52

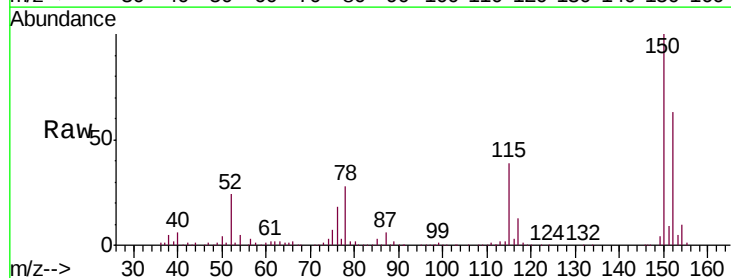
Tgt Ion:152 Resp: 65252

Ion Ratio Lower Upper

152 100

115 64.1 44.1 132.3

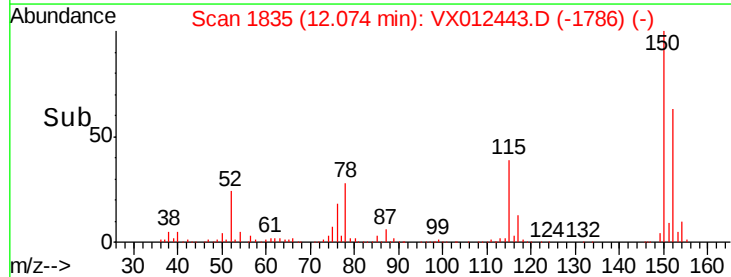
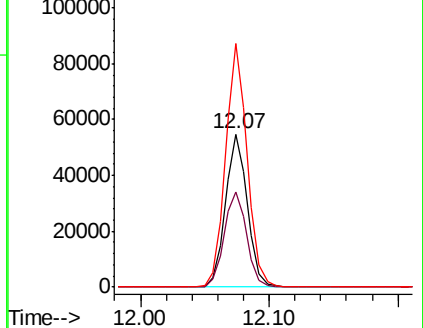
150 157.9 0.0 343.8

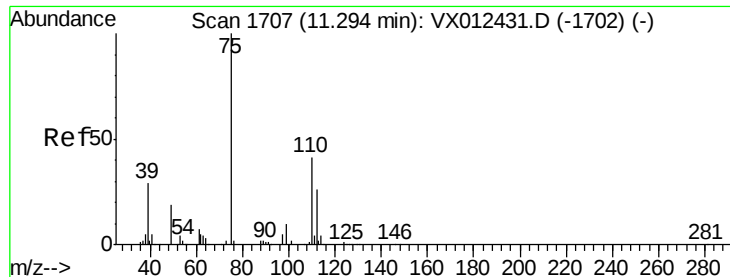


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 29.436 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

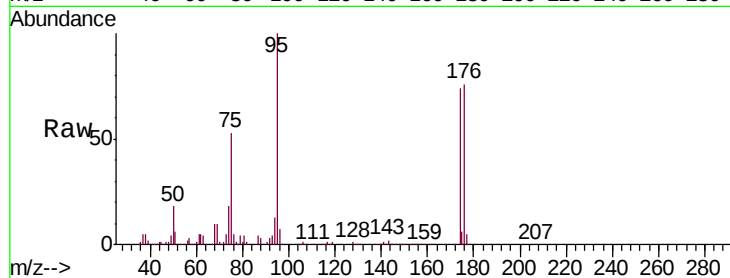
MW202D1-20190909

Tgt Ion: 75 Resp: 44121

Ion Ratio Lower Upper

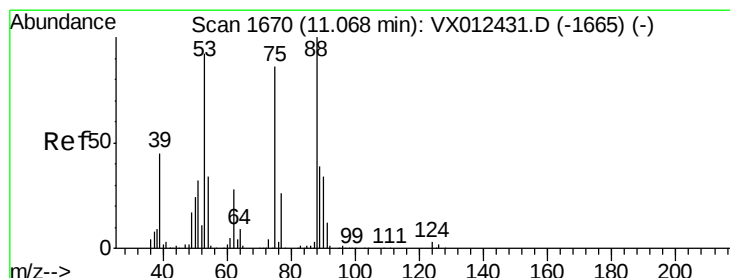
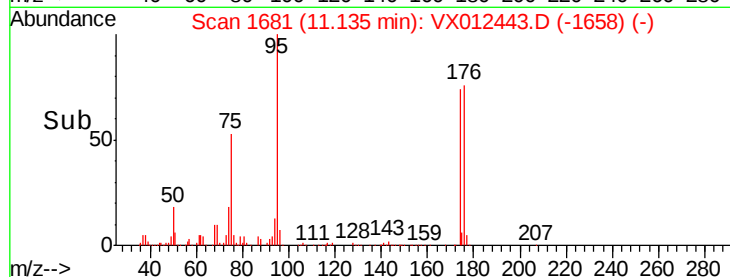
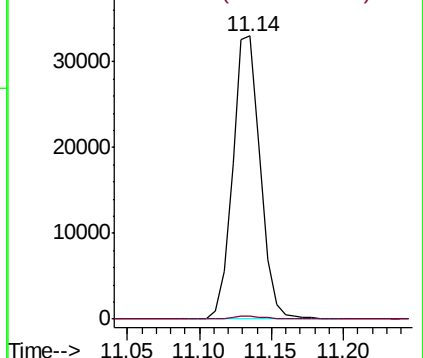
75 100

77 1.4 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 78.904 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012443.D

Acq: 17 Sep 2019 19:52

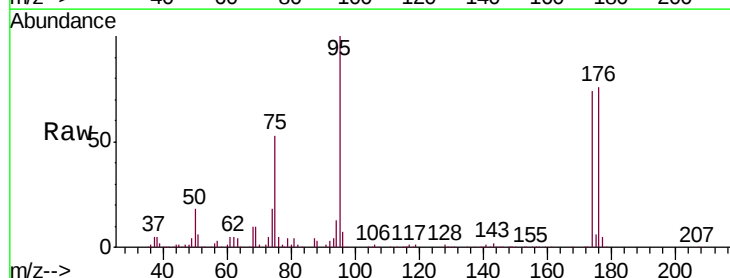
Tgt Ion: 75 Resp: 44121

Ion Ratio Lower Upper

75 100

53 0.1 83.6 125.4#

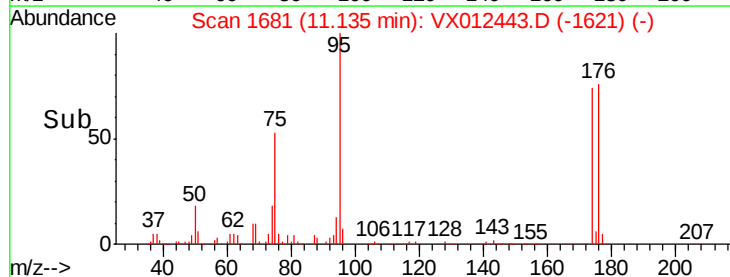
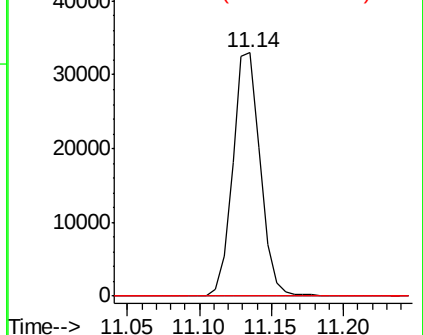
89 0.0 36.3 54.5#

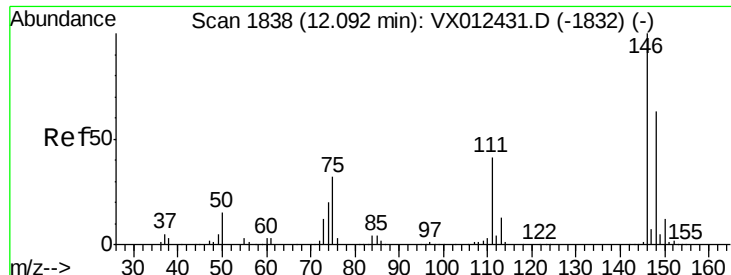


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#88

1,4-Dichlorobenzene

Concen: 0.206 ug/l

RT: 12.10 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VX012443.D

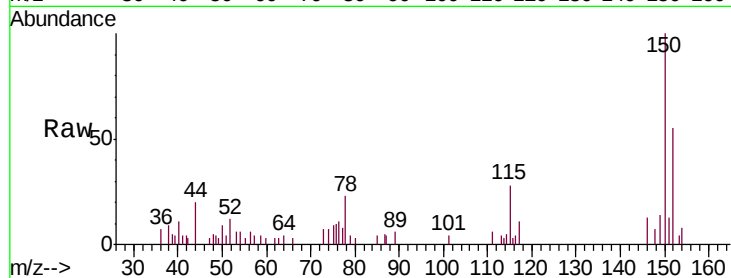
Acq: 17 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20190909



Tgt Ion:	146	Resp:	397
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.1	63.3#
148	84.4	32.1	96.5

