

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010642.D
 Acq On : 03 Jul 2019 16:01
 Operator : JC/SP
 Sample : K3635-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP-24

Quant Time: Jul 04 03:37:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	121123	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
35) Dibromofluoromethane	5.50	113	114686	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	8.71	98	446229	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.13	95	153960	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	853	0.432	ug/l	98
5) Bromomethane	1.65	94	763	0.725	ug/l	90
6) Chloroethane	1.66	64	292	0.229	ug/l #	55
11) Tert butyl alcohol	3.03	59	2373	3.970	ug/l #	74
13) Acrolein	2.27	56	3007	7.583	ug/l #	1
14) Allyl chloride	2.79	41	5055	1.686	ug/l #	25
15) Acrylonitrile	3.18	53	1648	1.393	ug/l #	55
16) Acetone	2.45	43	17884	15.621	ug/l	98
18) Methyl Acetate	2.77	43	3529	1.547	ug/l #	51
19) Methyl tert-butyl Ether	3.20	73	2155	0.324	ug/l #	1
25) 2-Butanone	4.68	43	10352	6.164	ug/l	93
27) cis-1,2-Dichloroethene	4.61	96	1134	0.432	ug/l	87
29) Tetrahydrofuran	5.15	42	524	0.504	ug/l #	40
31) Cyclohexane	5.59	56	61881	18.754	ug/l	96
36) 1,1-Dichloropropene	5.66	75	15869	5.382	ug/l #	48
37) Ethyl Acetate	4.68	43	10352	3.413	ug/l #	66
38) Carbon Tetrachloride	5.66	117	21442	6.716	ug/l #	14
39) Methylcyclohexane	7.46	83	44494	11.480	ug/l	93
40) Benzene	6.15	78	65115	7.089	ug/l	98
41) Methacrylonitrile	5.08	41	738	0.443	ug/l #	29
42) 1,2-Dichloroethane	6.13	62	774	0.277	ug/l #	71
43) Isopropyl Acetate	6.46	43	1686	0.336	ug/l #	57
44) Trichloroethene	7.23	130	702	0.255	ug/l	76
48) Methyl methacrylate	7.73	41	1996	0.856	ug/l #	58
49) 1,4-Dioxane	7.60	88	105	1.563	ug/l #	10
51) 4-Methyl-2-Pentanone	8.64	43	958	0.298	ug/l #	66
52) Toluene	8.79	92	201058	33.237	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	2119	0.849	ug/l #	25
59) 2-Hexanone	9.50	43	785	0.311	ug/l	66
60) Dibromochloromethane	9.34	129	887	0.318	ug/l #	11
64) Tetrachloroethene	9.33	164	952	0.342	ug/l #	72
67) Ethyl Benzene	10.25	91	115276	9.765	ug/l	97
68) m/p-Xylenes	10.36	106	135567	29.639	ug/l	98
69) o-Xylene	10.70	106	85341	18.973	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010642.D
 Acq On : 03 Jul 2019 16:01
 Operator : JC/SP
 Sample : K3635-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP-24

Quant Time: Jul 04 03:37:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

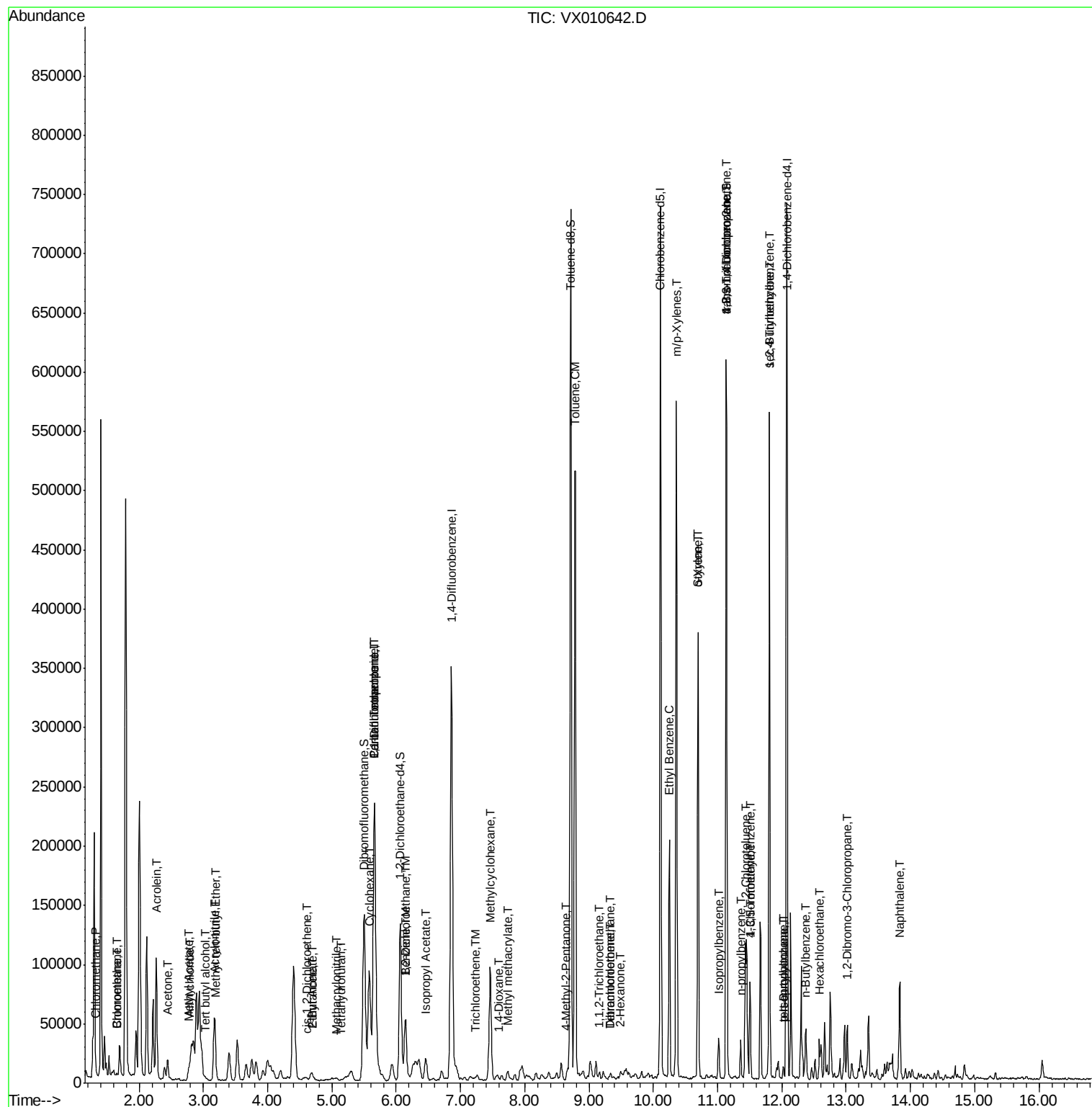
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
70) Styrene	10.70	104	5121	0.679	ug/l	#	1
73) Isopropylbenzene	11.02	105	16824	1.538	ug/l		98
76) 1,2,3-Trichloropropane	11.13	75	74111	25.207	ug/l	#	33
78) n-propylbenzene	11.36	91	19814	1.648	ug/l		97
79) 2-Chlorotoluene	11.43	91	13172	1.840	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.51	105	33808	3.750	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.13	75	74111	58.805	ug/l	#	16
82) 4-Chlorotoluene	11.51	91	3953	0.485	ug/l	#	42
83) tert-Butylbenzene	12.02	119	3601	0.398	ug/l		73
84) 1,2,4-Trimethylbenzene	11.80	105	239962	26.490	ug/l		98
85) sec-Butylbenzene	11.80	105	239962	22.584	ug/l	#	55
86) p-Isopropyltoluene	12.02	119	3601	0.366	ug/l		93
89) n-Butylbenzene	12.38	91	5859	0.702	ug/l	#	25
90) Hexachloroethane	12.58	117	1354	0.797	ug/l	#	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	160	0.205	ug/l	#	1
95) Naphthalene	13.83	128	52497	4.649	ug/l		96

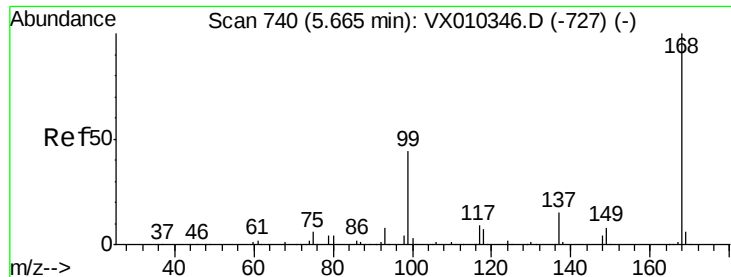
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010642.D
Acq On : 03 Jul 2019 16:01
Operator : JC/SP
Sample : K3635-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP-24

Quant Time: Jul 04 03:37:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampled :

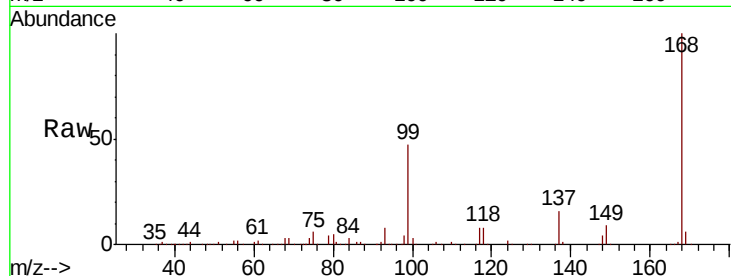
WP-24

Tot Ion:168 Resp: 243637

Ion Ratio Lower Upper

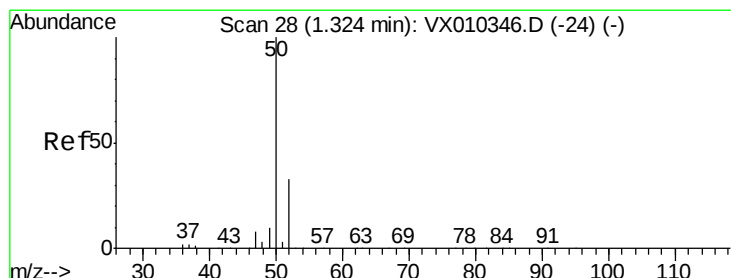
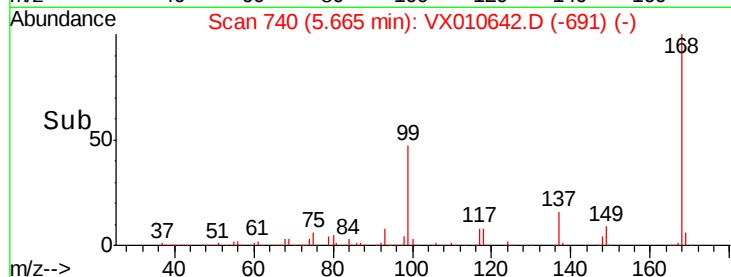
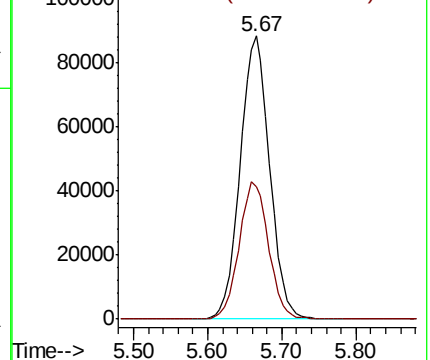
168 100

99 46.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.432 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010642.D

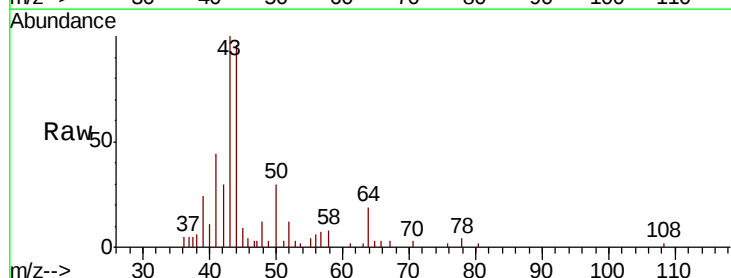
Acq: 03 Jul 2019 16:01

Tgt Ion: 50 Resp: 853

Ion Ratio Lower Upper

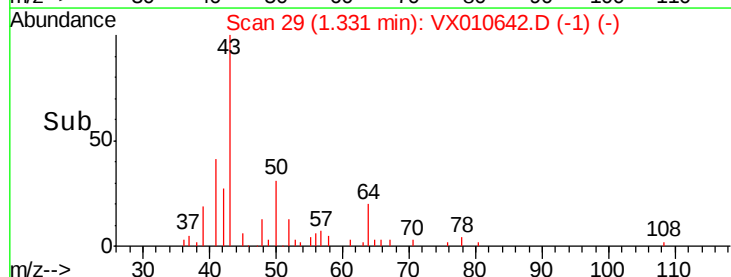
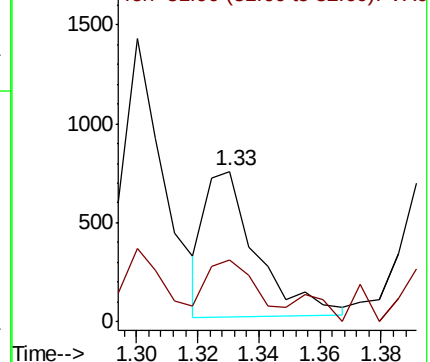
50 100

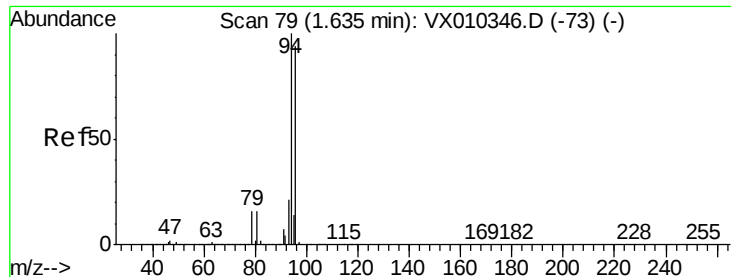
52 34.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.725 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

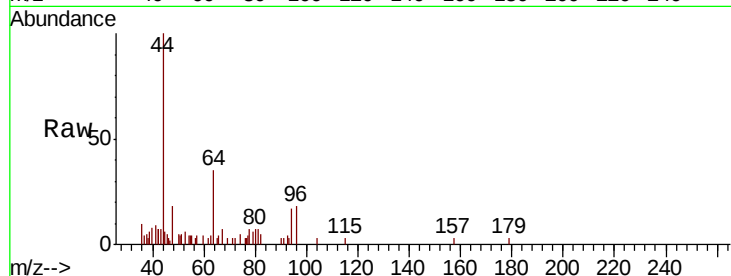
WP-24

Tot Ion: 94 Resp: 763

Ion Ratio Lower Upper

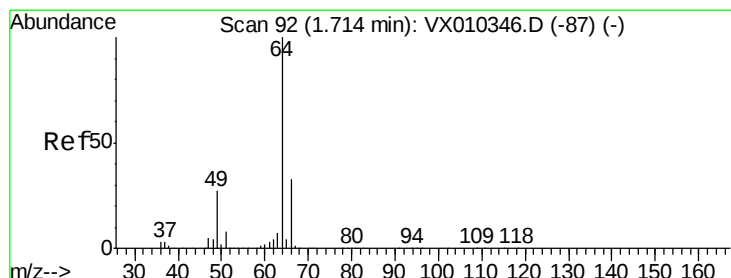
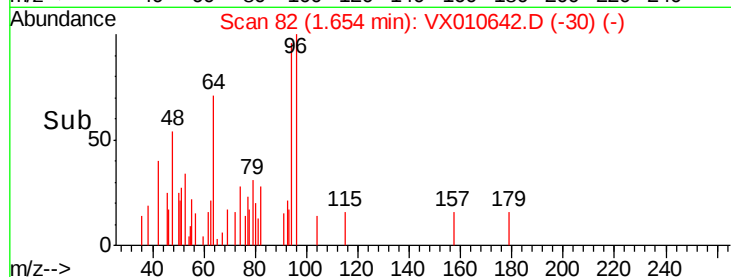
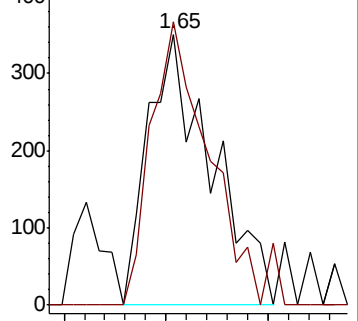
94 100

96 104.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.229 ug/l

RT: 1.66 min Scan# 83

Delta R.T. -0.05 min

Lab File: VX010642.D

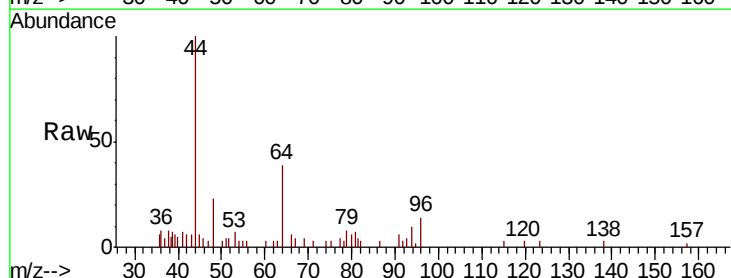
Acq: 03 Jul 2019 16:01

Tgt Ion: 64 Resp: 292

Ion Ratio Lower Upper

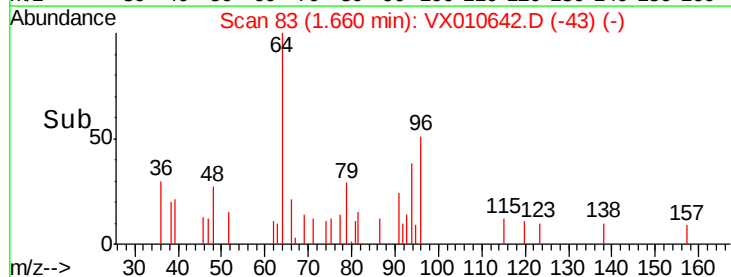
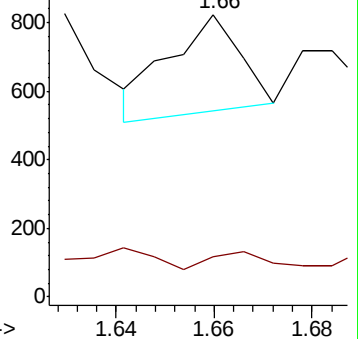
64 100

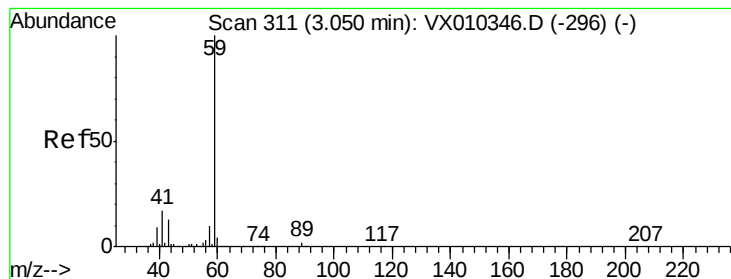
66 7.7 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



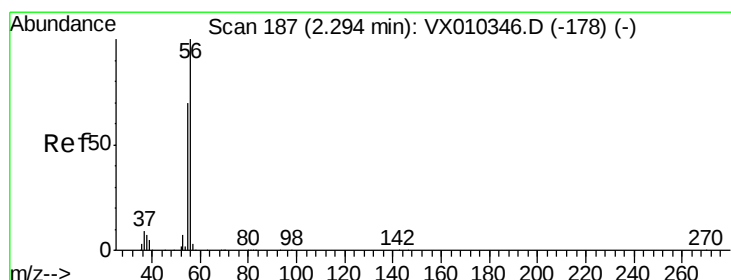
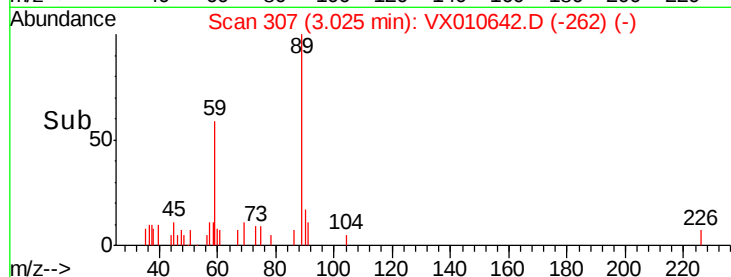
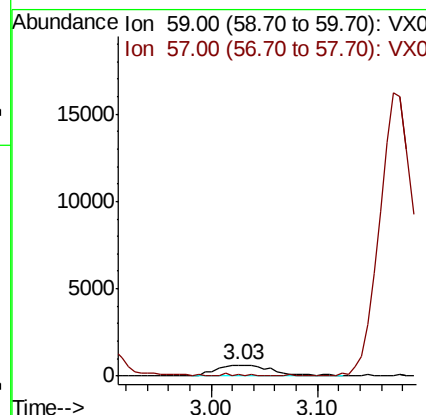
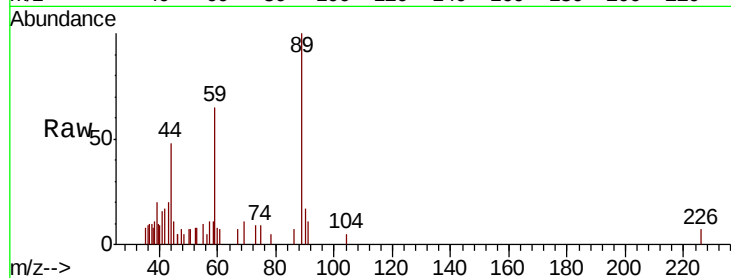


#11

Tert butyl alcohol
Concen: 3.970 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Instrument :
MSVOA_X
ClientSampled :
WP-24

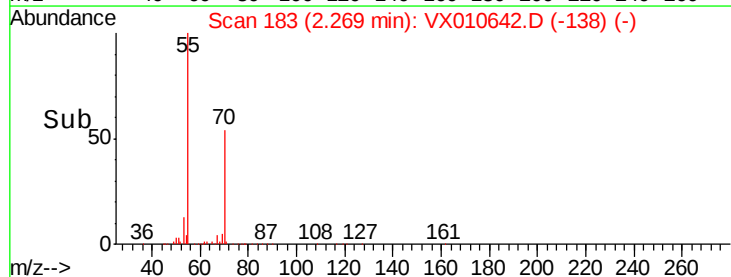
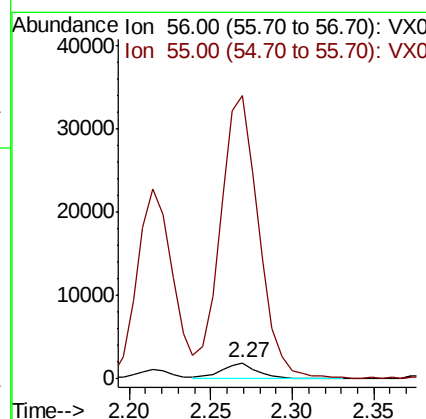
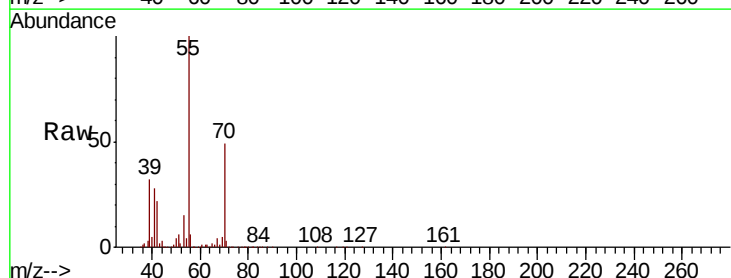
Tot Ion: 59 Resp: 2373
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

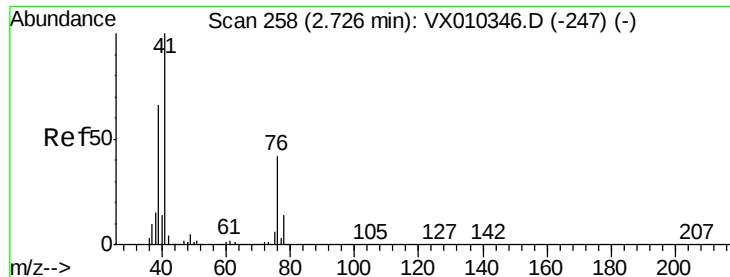


#13

Acrolein
Concen: 7.583 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Tgt Ion: 56 Resp: 3007
Ion Ratio Lower Upper
56 100
55 1836.1 56.9 85.3#

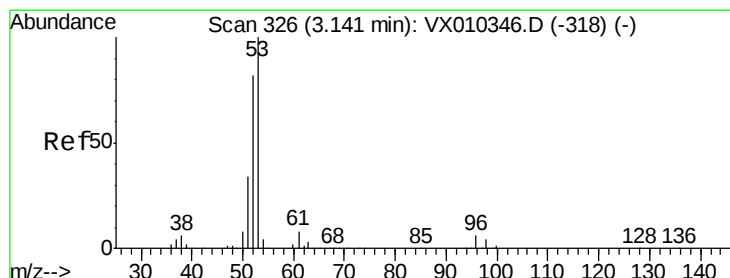
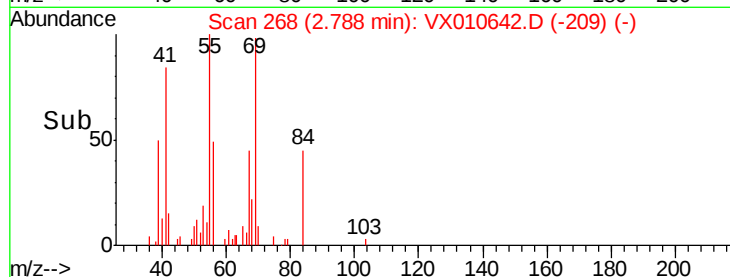
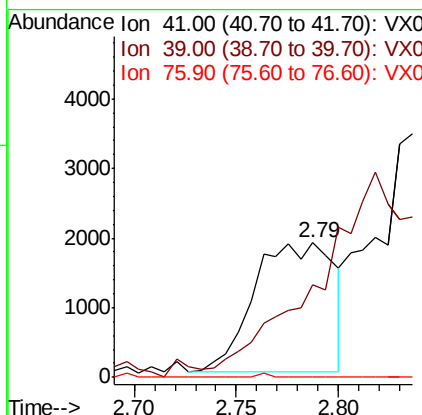
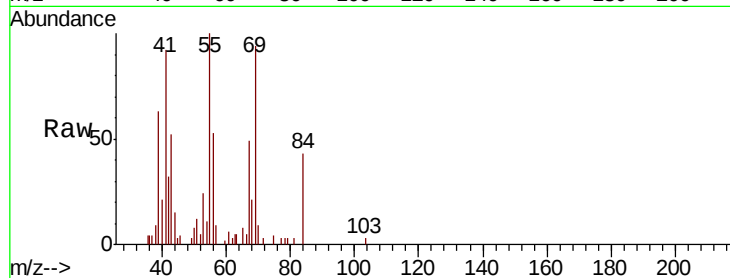




#14
Allvl chloride
Concen: 1.686 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.06 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

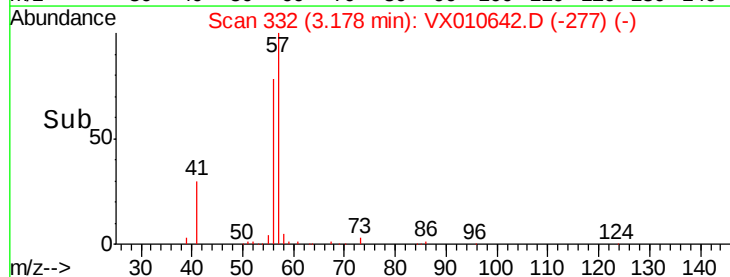
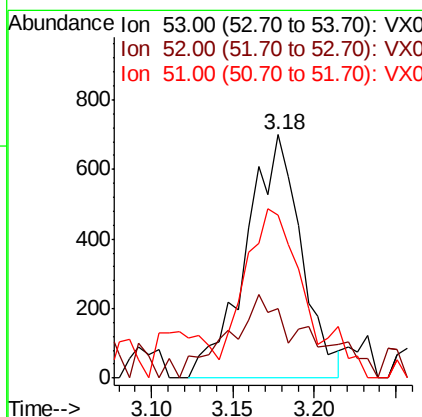
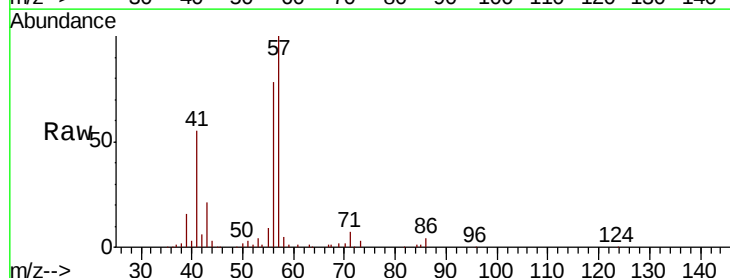
Instrument :
MSVOA_X
ClientSampled :
WP-24

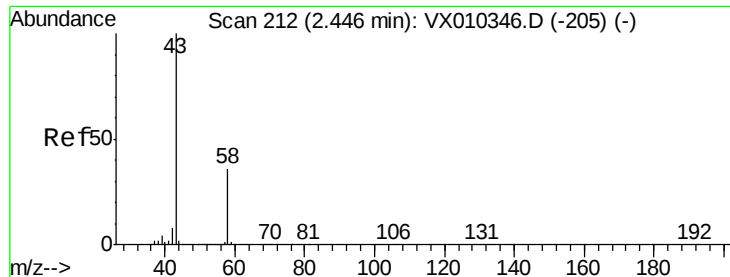
Tot Ion: 41 Resp: 5055
Ion Ratio Lower Upper
41 100
39 0.0 50.3 75.5#
76 0.0 31.3 46.9#



#15
Acrylonitrile
Concen: 1.393 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.04 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Tgt Ion: 53 Resp: 1648
Ion Ratio Lower Upper
53 100
52 50.8 65.5 98.3#
51 76.2 28.2 42.4#





#16

Acetone

Concen: 15.621 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

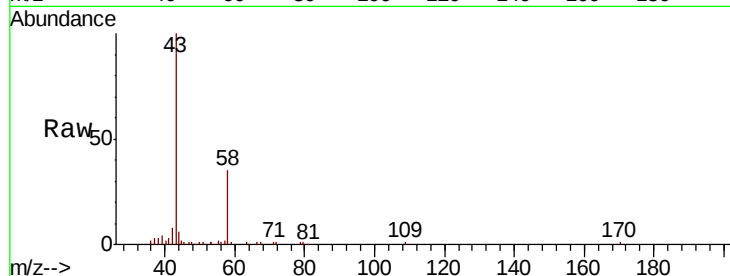
WP-24

Tot Ion: 43 Resp: 17884

Ion Ratio Lower Upper

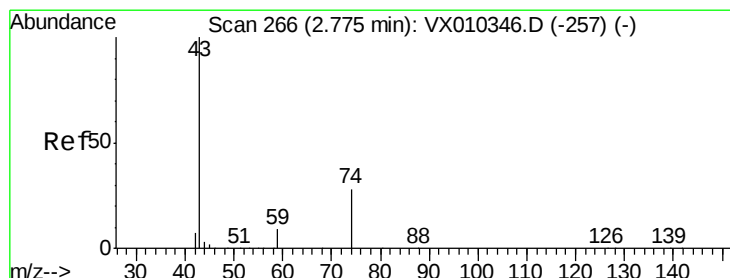
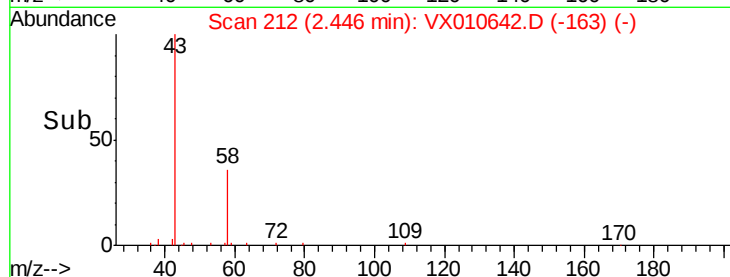
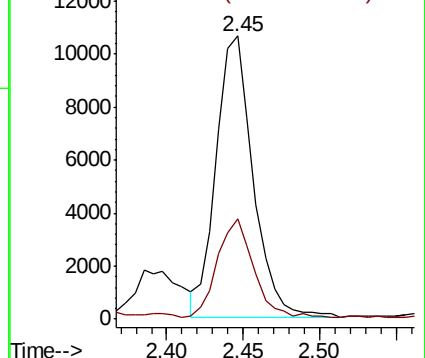
43 100

58 35.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 1.547 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010642.D

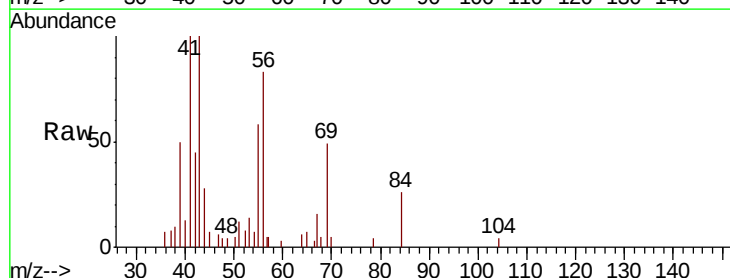
Acq: 03 Jul 2019 16:01

Tgt Ion: 43 Resp: 3529

Ion Ratio Lower Upper

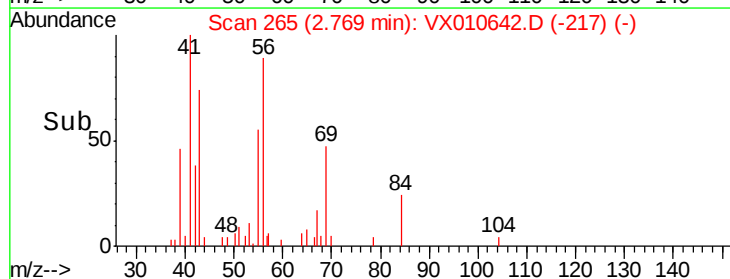
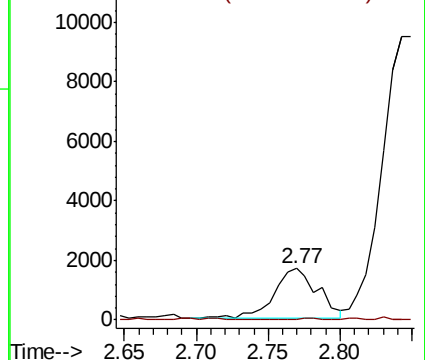
43 100

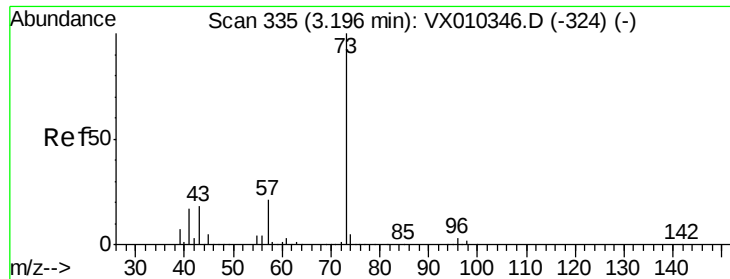
74 1.6 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

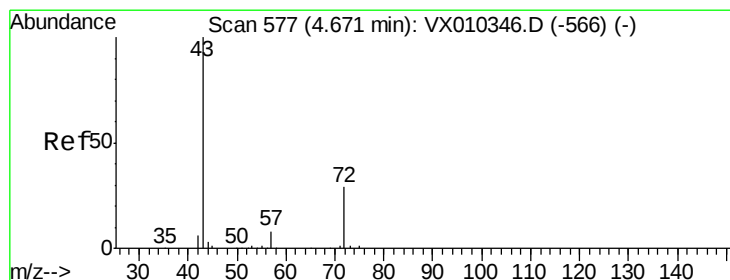
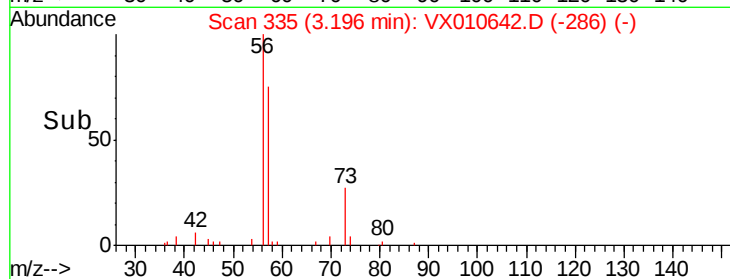
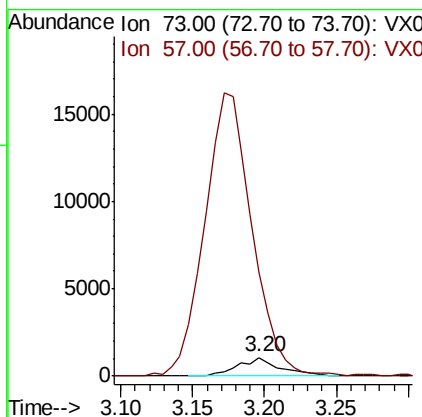
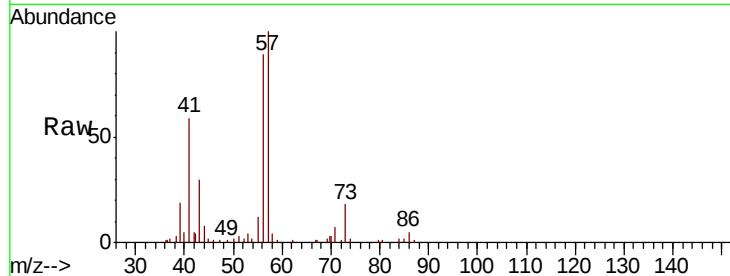




#19
Methvl tert-butvl Ether
Concen: 0.324 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

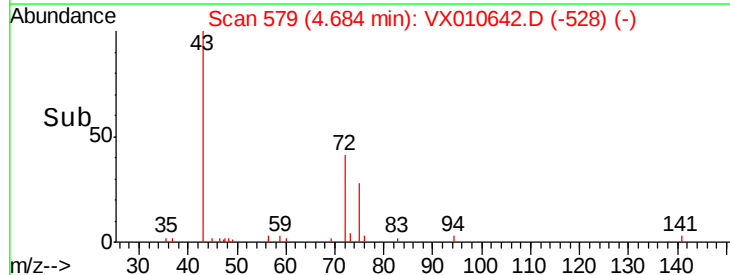
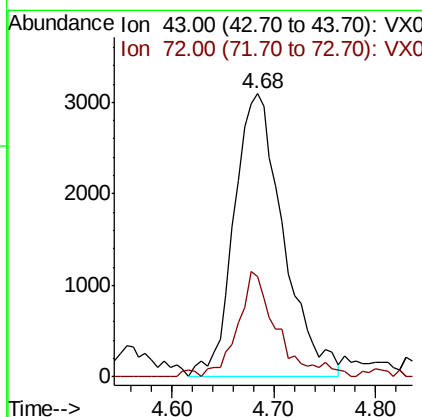
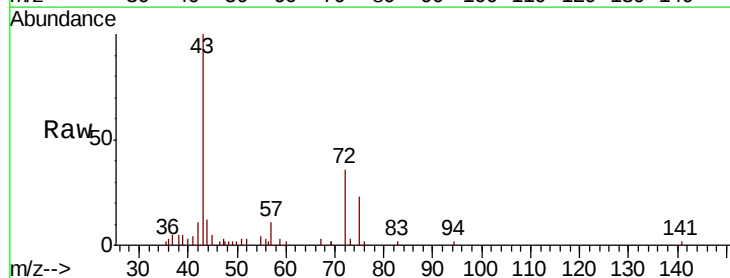
Instrument :
MSVOA_X
ClientSampled :
WP-24

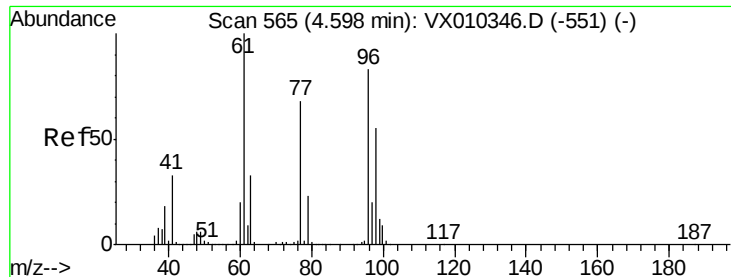
Tot Ion: 73 Resp: 2155
Ion Ratio Lower Upper
73 100
57 553.5 16.4 24.6#



#25
2-Butanone
Concen: 6.164 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Tgt Ion: 43 Resp: 10352
Ion Ratio Lower Upper
43 100
72 33.0 23.3 34.9



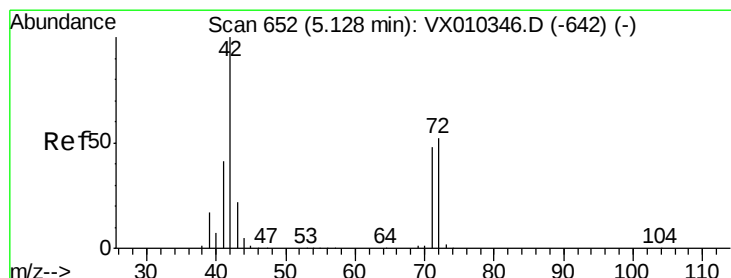
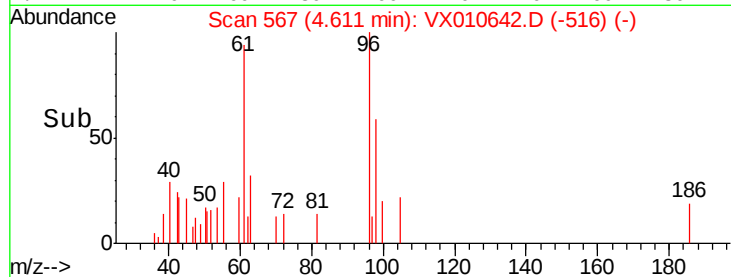
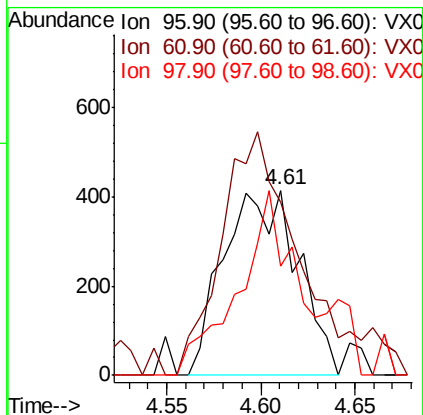
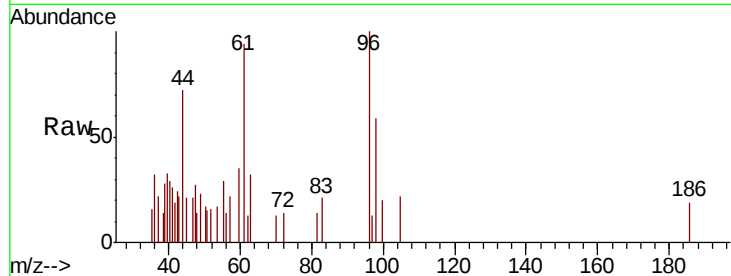


#27

cis-1,2-Dichloroethene
 Concen: 0.432 ug/l
 RT: 4.61 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Instrument :
 MSVOA_X
 ClientSampled :
 WP-24

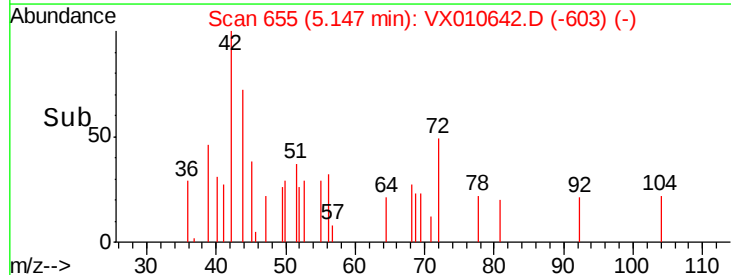
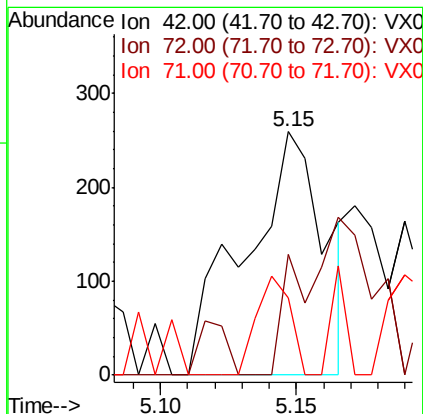
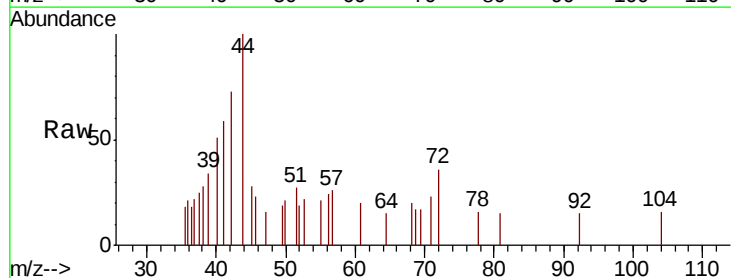
Tot Ion: 96 Resp: 1134
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 251.8
 98 74.2 0.0 129.4

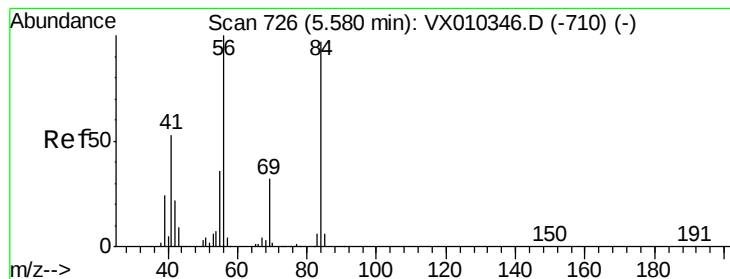


#29

Tetrahydrofuran
 Concen: 0.504 ug/l
 RT: 5.15 min Scan# 655
 Delta R.T. 0.02 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Tgt Ion: 42 Resp: 524
 Ion Ratio Lower Upper
 42 100
 72 0.0 40.6 60.8#
 71 17.2 37.8 56.8#





#31

Cyclohexane

Concen: 18.754 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampled :

WP-24

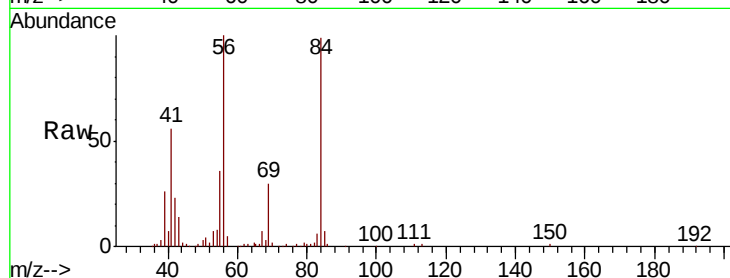
Tot Ion: 56 Resp: 61881

Ion Ratio Lower Upper

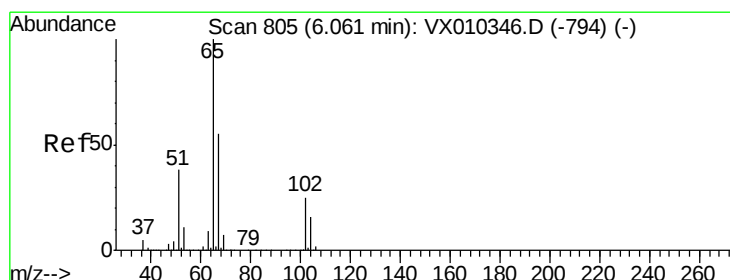
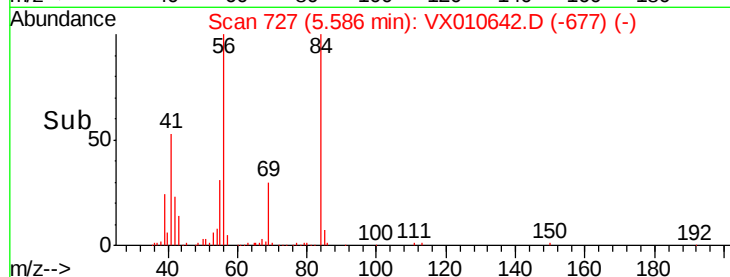
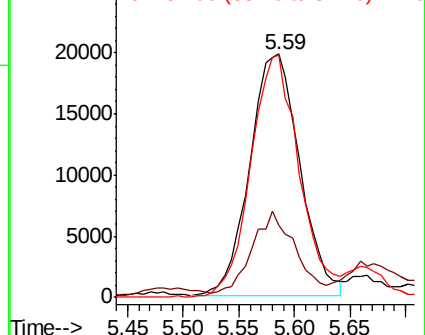
56 100

69 27.3 25.9 38.9

84 100.4 78.0 117.0



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



#33

1,2-Dichloroethane-d4

Concen: 53.023 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010642.D

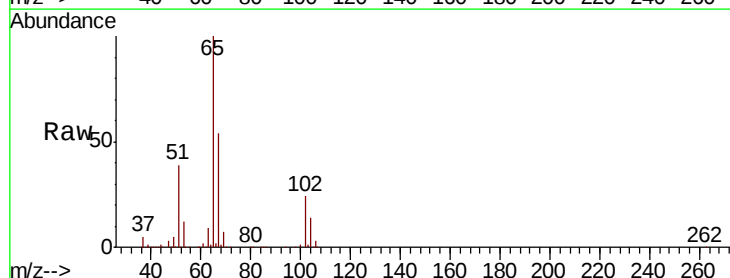
Acq: 03 Jul 2019 16:01

Tgt Ion: 65 Resp: 121123

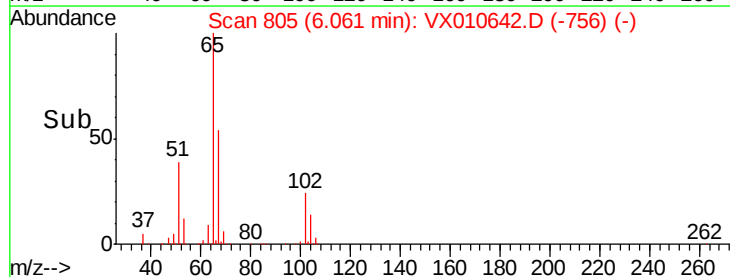
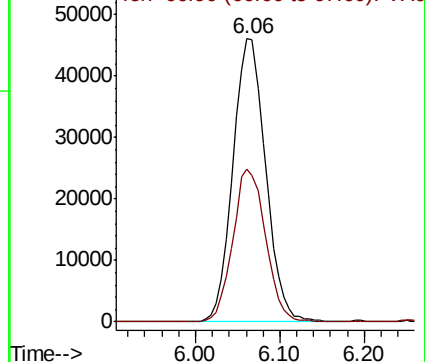
Ion Ratio Lower Upper

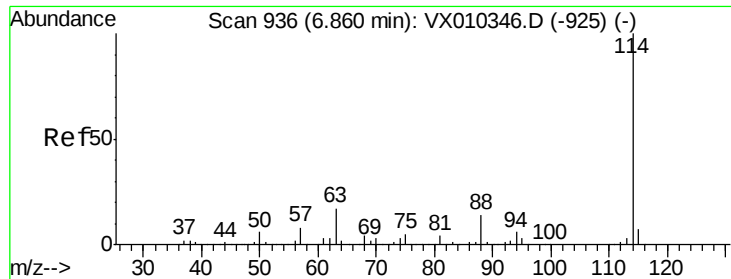
65 100

67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

WP-24

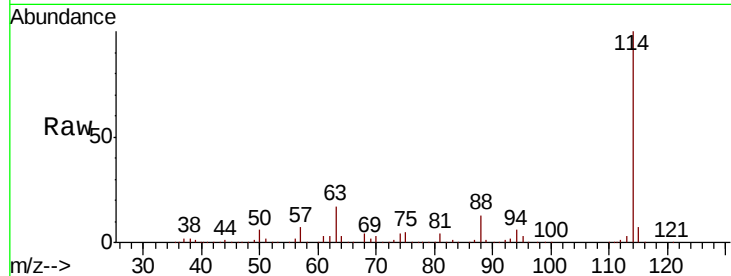
Tot Ion:114 Resp: 371035

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

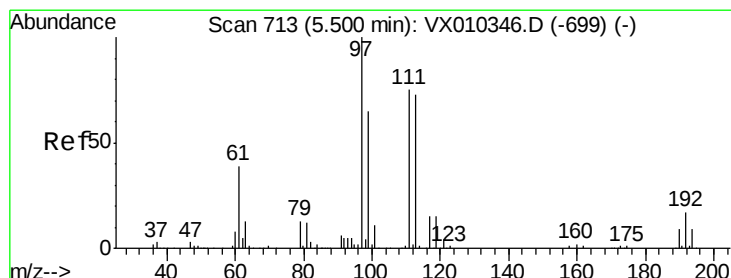
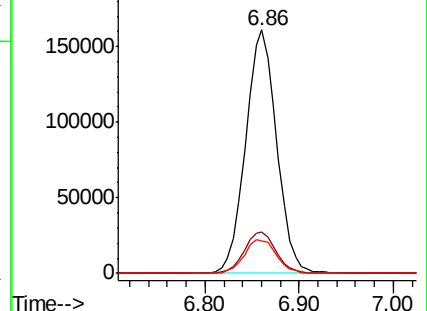
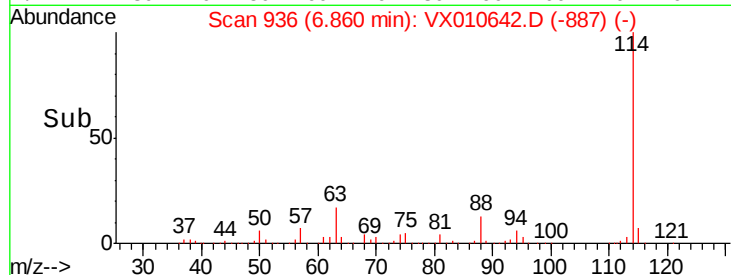
88 13.5 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.520 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

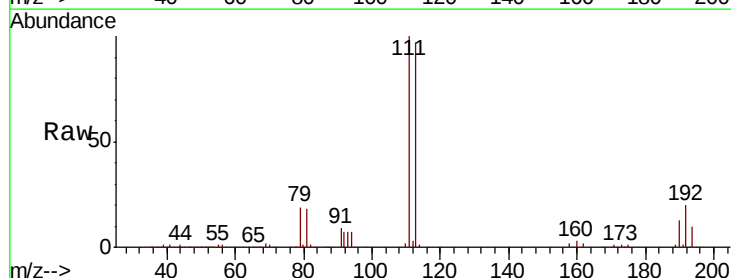
Tgt Ion:113 Resp: 114686

Ion Ratio Lower Upper

113 100

111 101.7 81.2 121.8

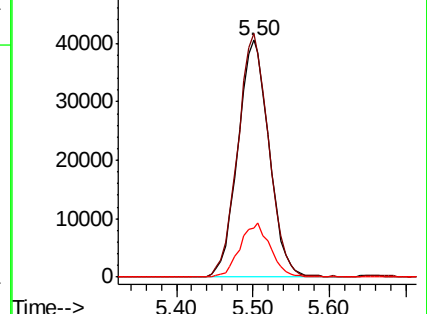
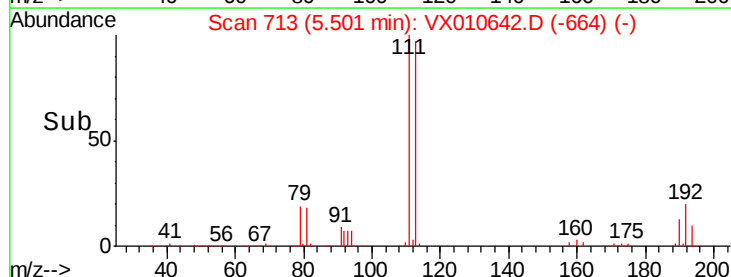
192 22.2 18.6 27.8

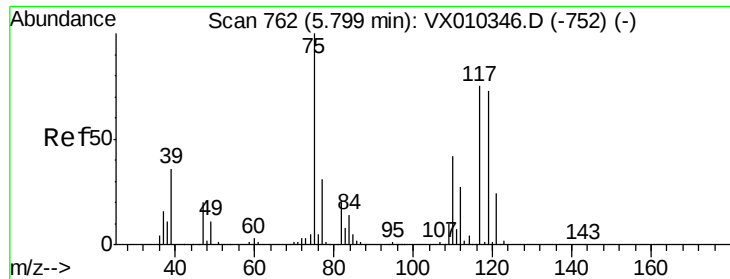


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

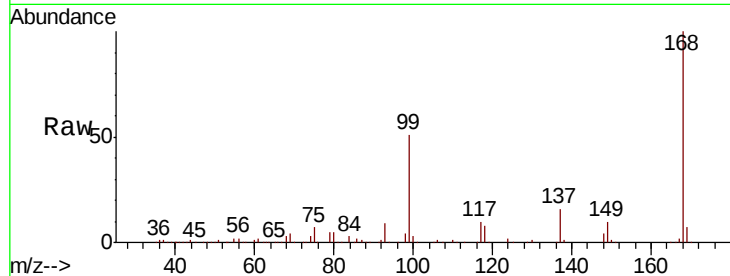




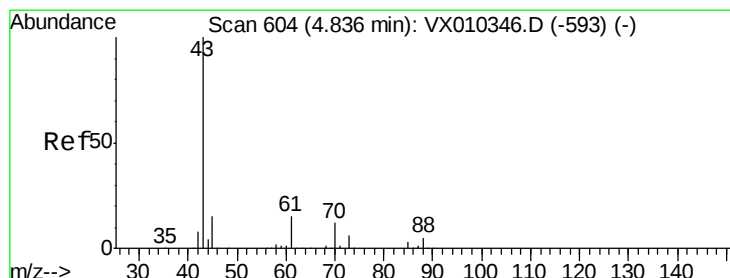
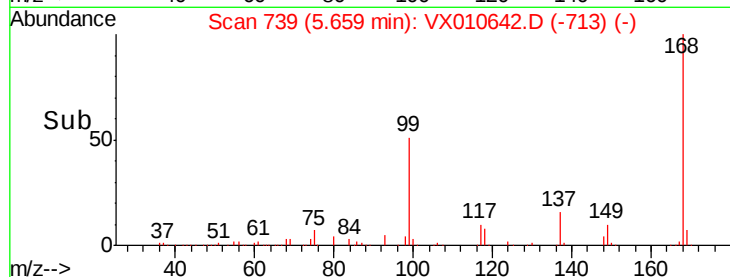
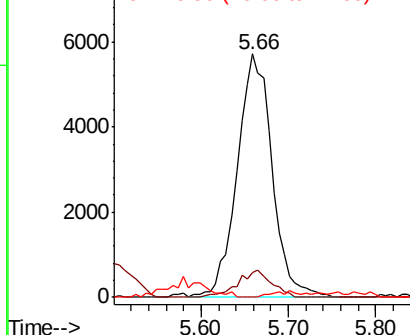
#36
 1,1-Dichloropropene
 Concen: 5.382 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 WP-24

Tot Ion: 75 Resp: 15869
 Ion Ratio Lower Upper
 75 100
 110 10.7 20.8 62.2#
 77 0.0 25.4 38.0#

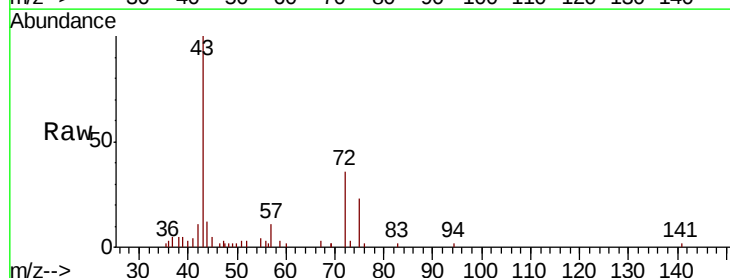


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

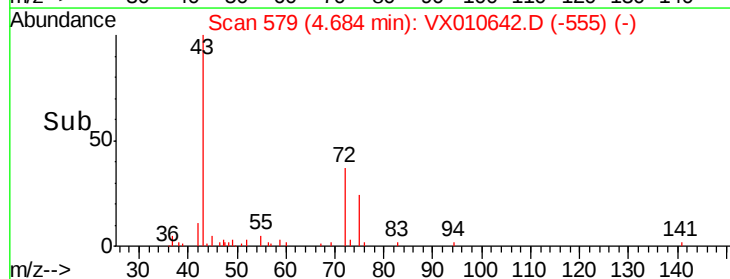
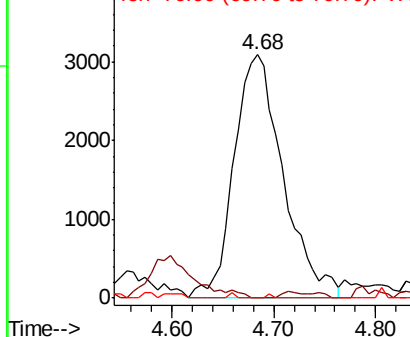


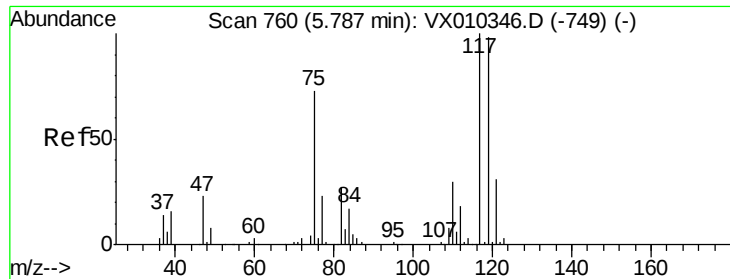
#37
 Ethyl Acetate
 Concen: 3.413 ug/l
 RT: 4.68 min Scan# 579
 Delta R.T. -0.15 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Tgt Ion: 43 Resp: 10352
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.4 18.6#
 70 0.2 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.716 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampled :

WP-24

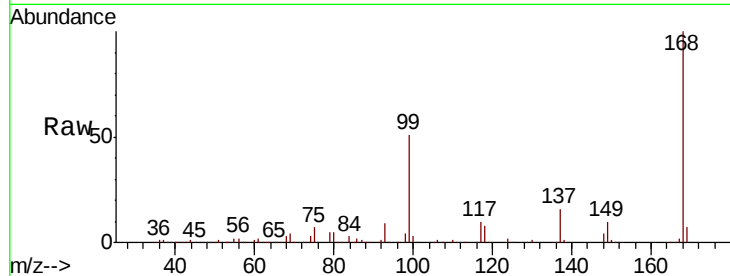
Tot Ion:117 Resp: 21442

Ion Ratio Lower Upper

117 100

119 3.3 78.2 117.4#

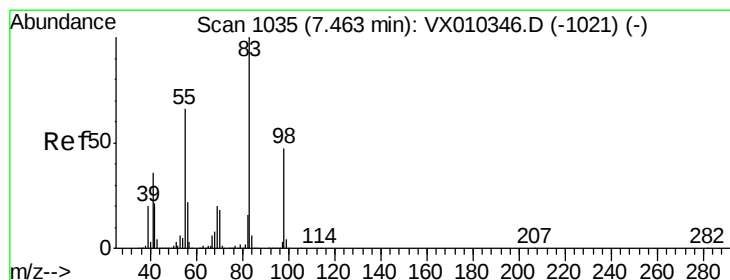
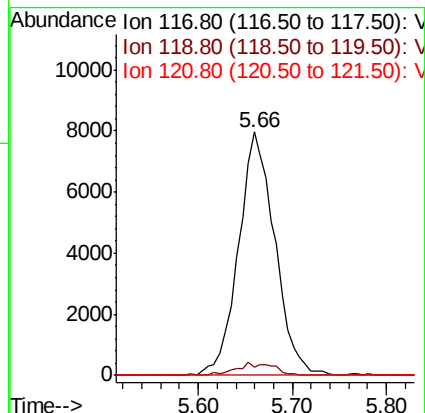
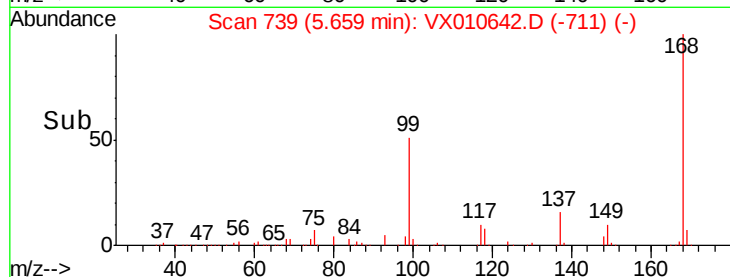
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 11.480 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

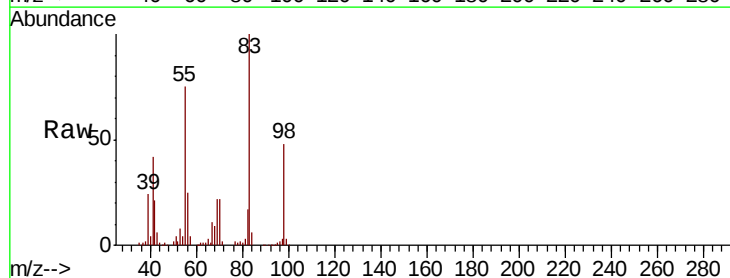
Tgt Ion: 83 Resp: 44494

Ion Ratio Lower Upper

83 100

55 74.6 53.0 79.6

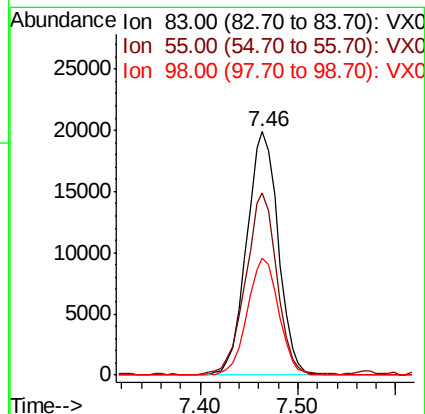
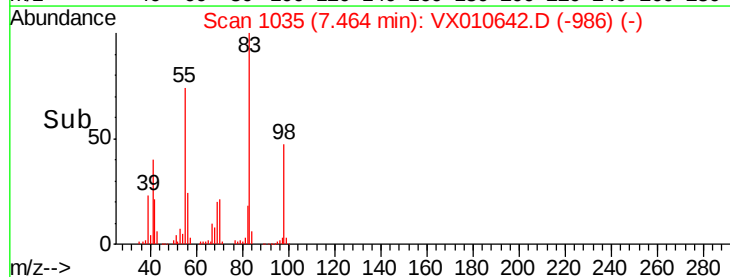
98 48.0 37.8 56.8

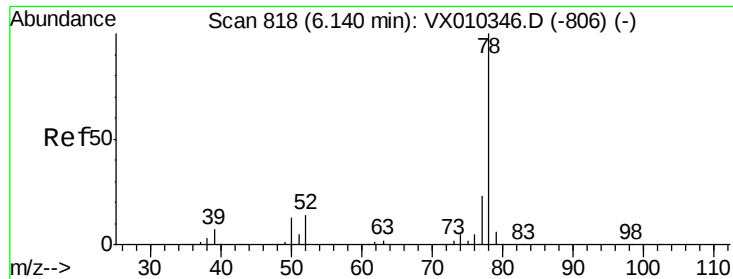


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

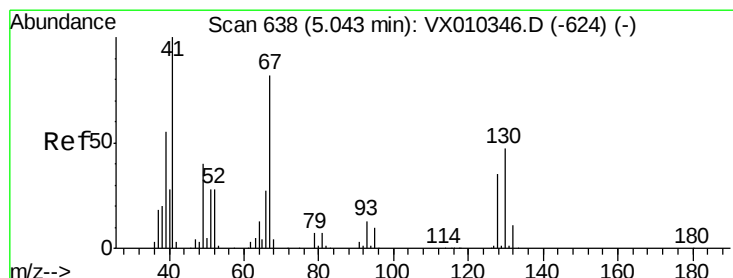
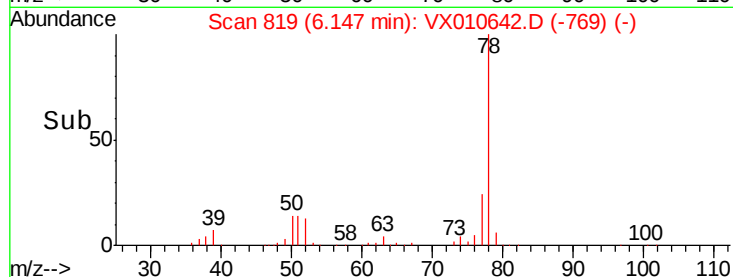
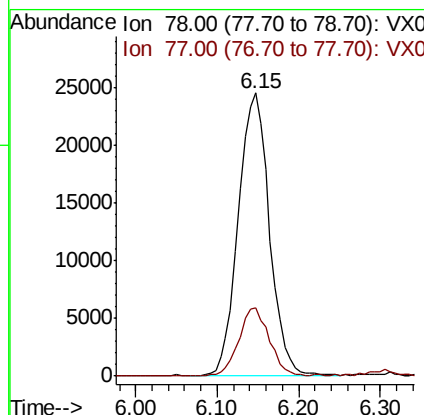
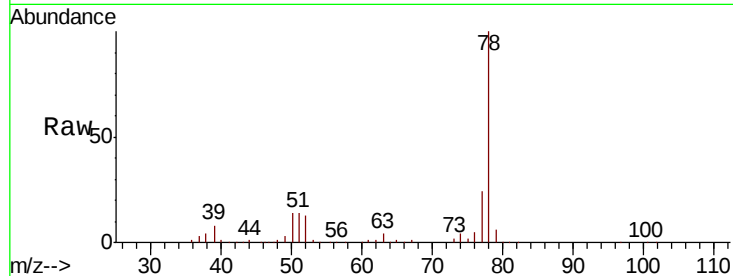




#40
Benzene
Concen: 7.089 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

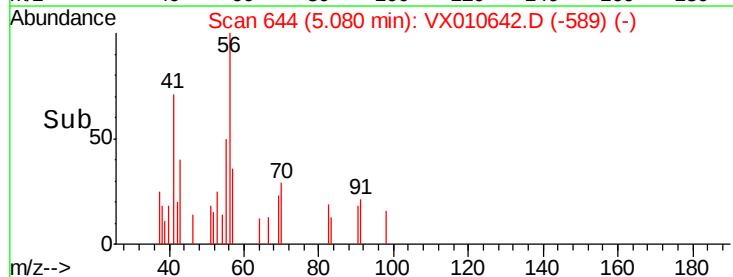
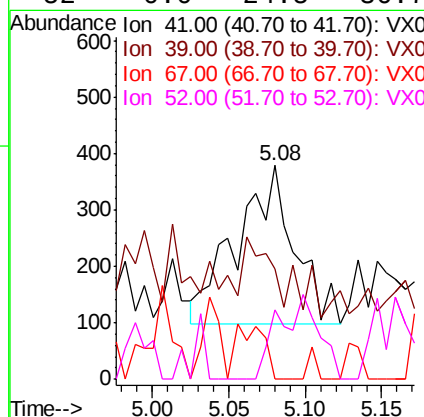
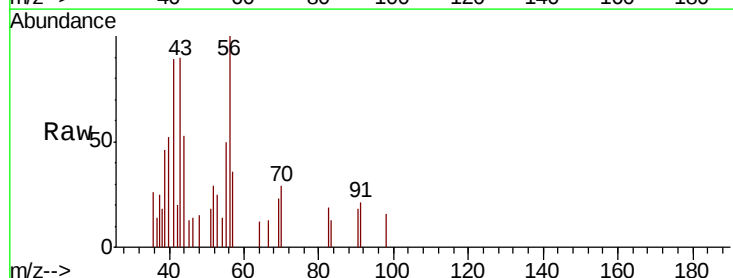
Instrument :
MSVOA_X
ClientSampled :
WP-24

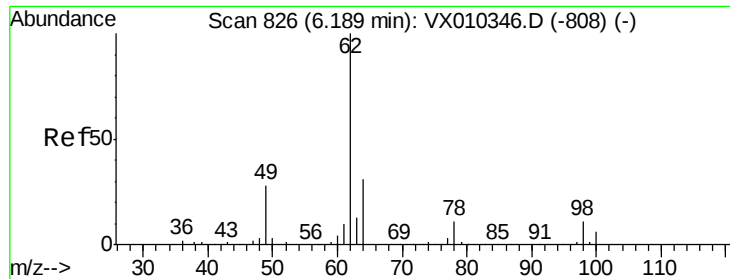
Tot Ion: 78 Resp: 65115
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0



#41
Methacrylonitrile
Concen: 0.443 ug/l
RT: 5.08 min Scan# 644
Delta R.T. 0.04 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Tgt Ion: 41 Resp: 738
Ion Ratio Lower Upper
41 100
39 20.3 43.8 65.8#
67 0.0 66.6 100.0#
52 0.0 24.5 36.7#





#42

1,2-Dichloroethane

Concen: 0.277 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.05 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampled :

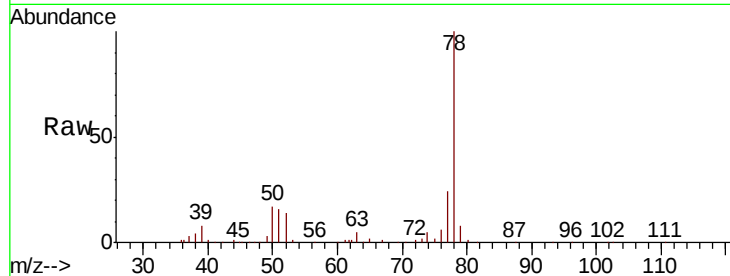
WP-24

Tot Ion: 62 Resp: 774

Ion Ratio Lower Upper

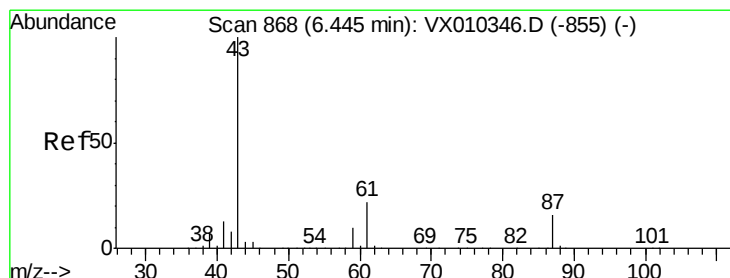
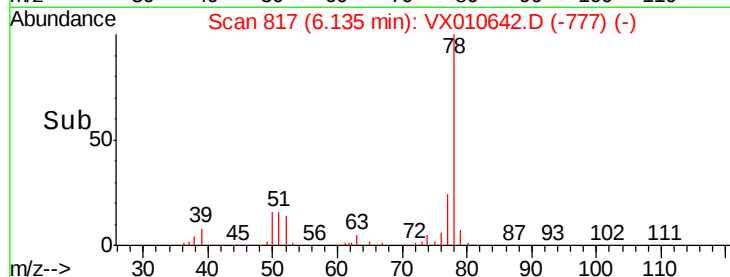
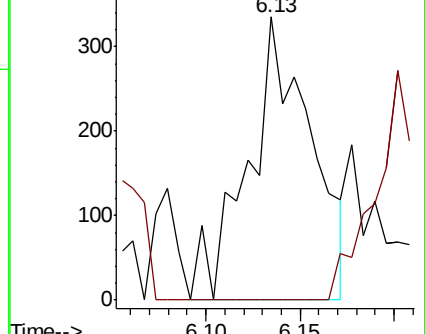
62 100

98 0.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 0.336 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

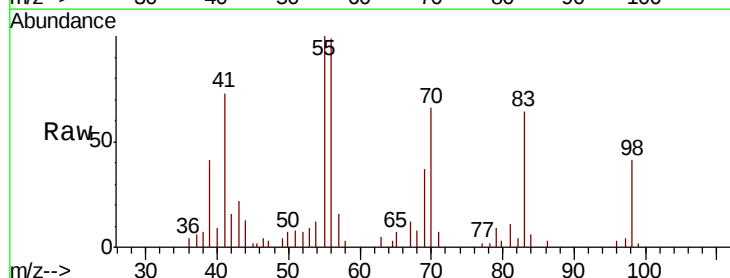
Tgt Ion: 43 Resp: 1686

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

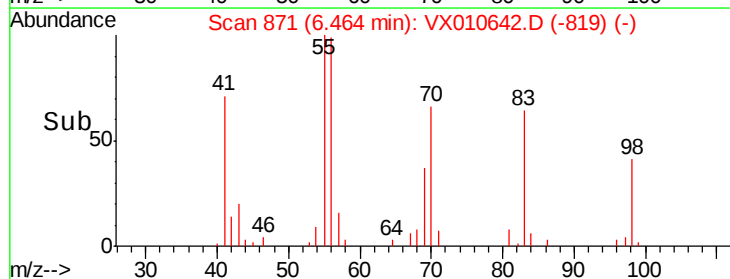
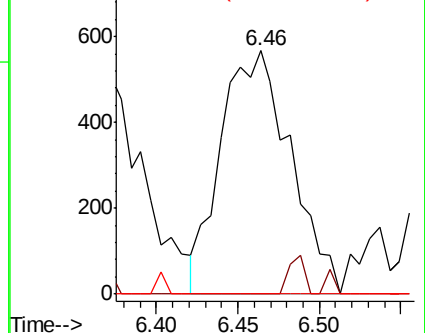
87 0.0 13.0 19.4#

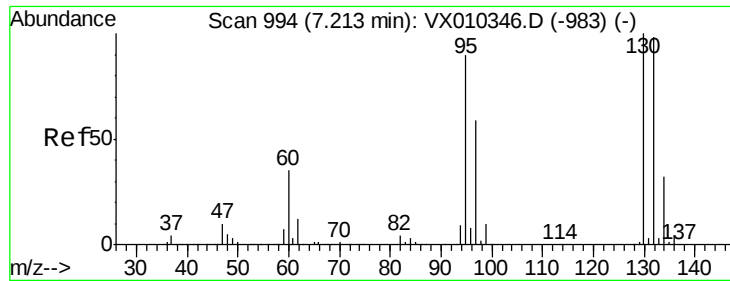


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.255 ug/l

RT: 7.23 min Scan# 996

Delta R.T. 0.01 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampled :

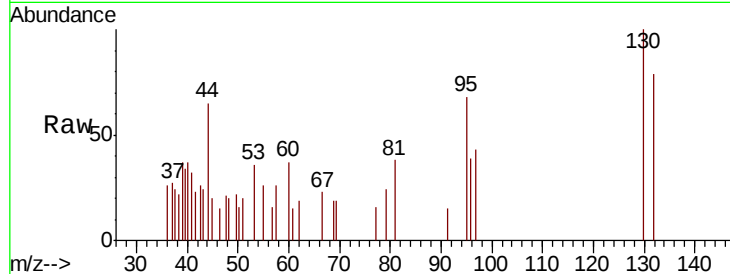
WP-24

Tot Ion:130 Resp: 702

Ion Ratio Lower Upper

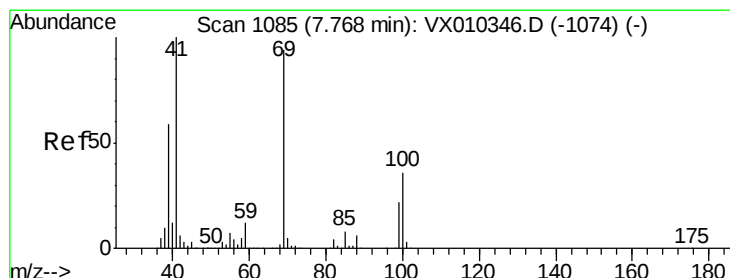
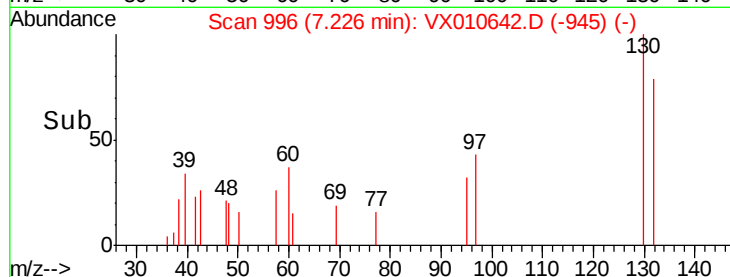
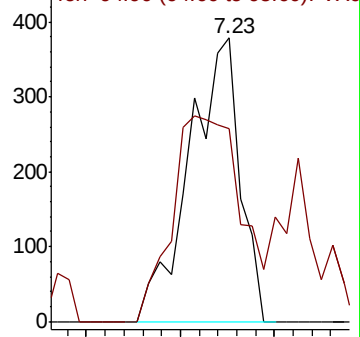
130 100

95 68.0 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 0.856 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

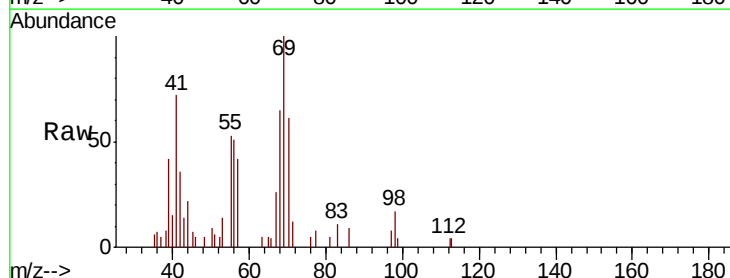
Tgt Ion: 41 Resp: 1996

Ion Ratio Lower Upper

41 100

69 146.4 76.1 114.1#

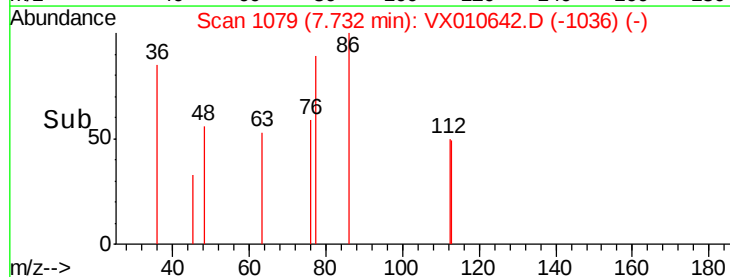
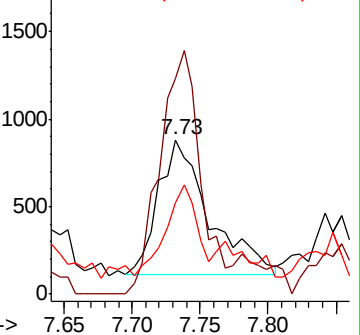
39 40.3 47.6 71.4#

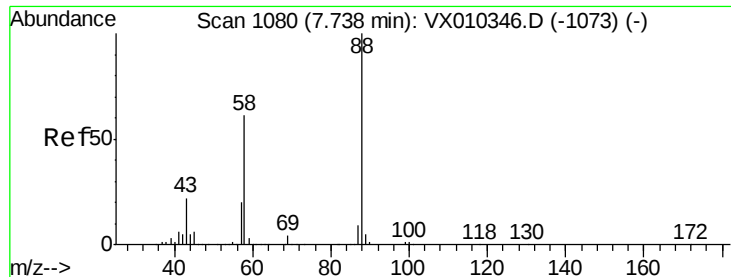


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

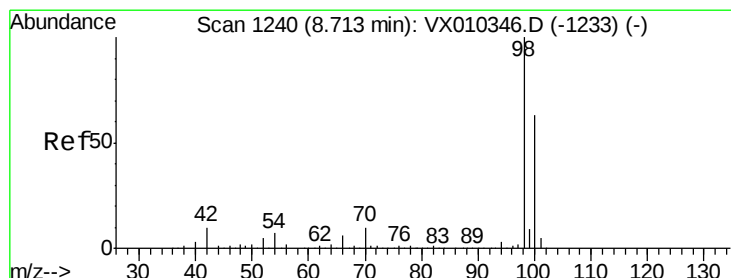
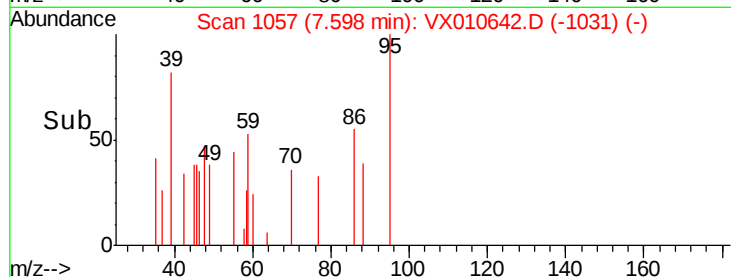
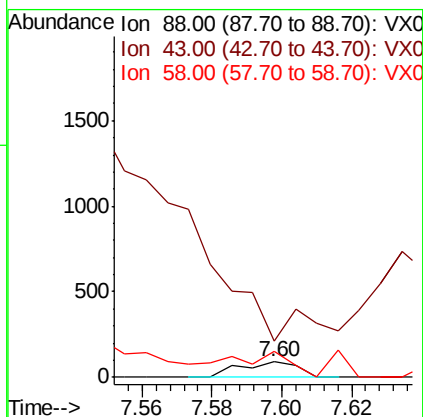
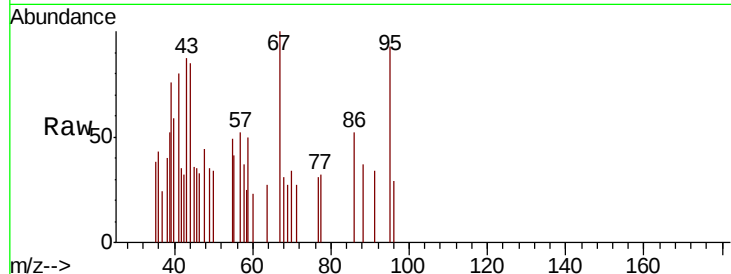




#49
1,4-Dioxane
Concen: 1.563 ug/l
RT: 7.60 min Scan# 1057
Delta R.T. -0.14 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

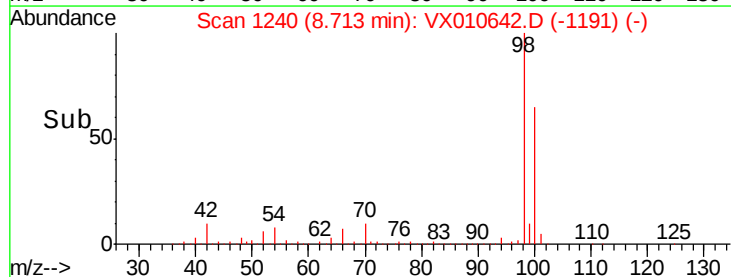
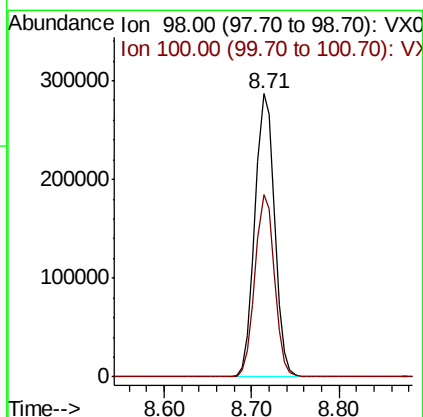
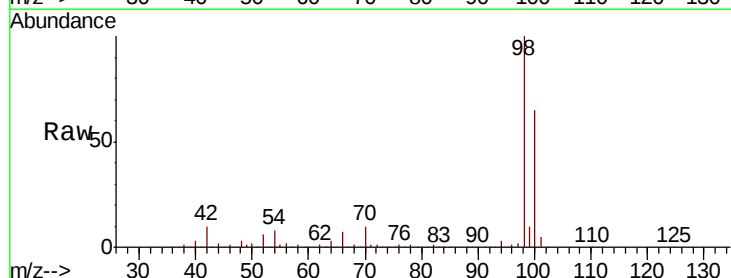
Instrument :
MSVOA_X
ClientSampleId :
WP-24

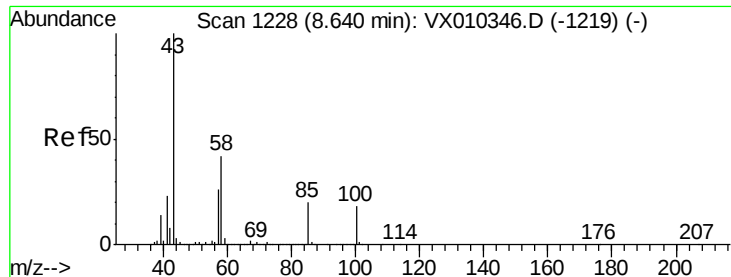
Tot Ion: 88 Resp: 105
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 143.8 49.5 74.3#



#50
Toluene-d8
Concen: 51.379 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Tgt Ion: 98 Resp: 446229
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

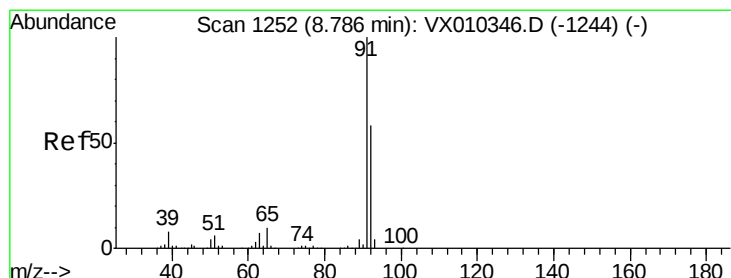
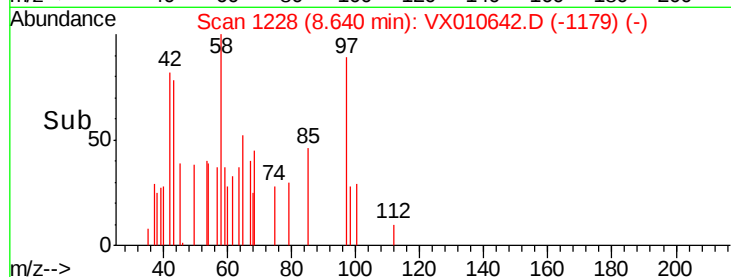
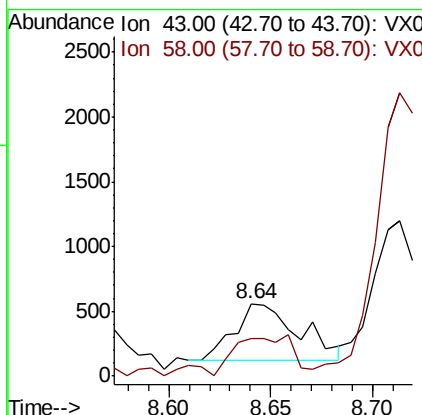
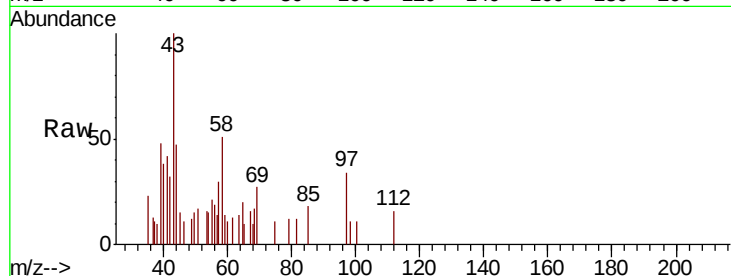




#51
 4-Methyl-2-Pentanone
 Concen: 0.298 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

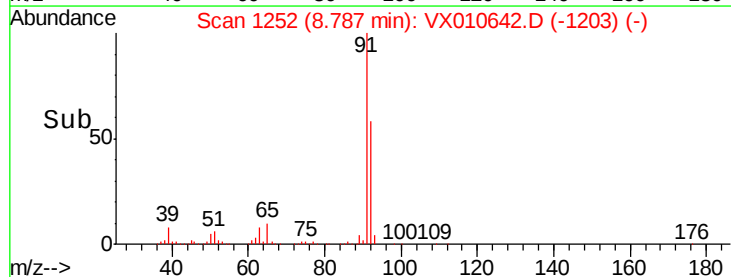
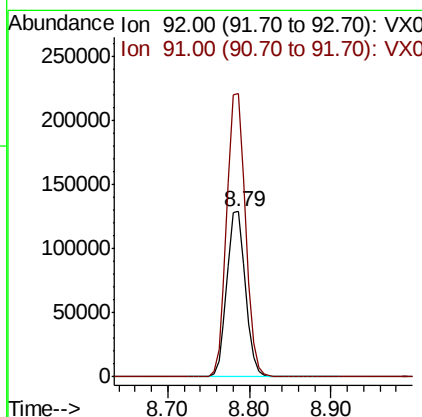
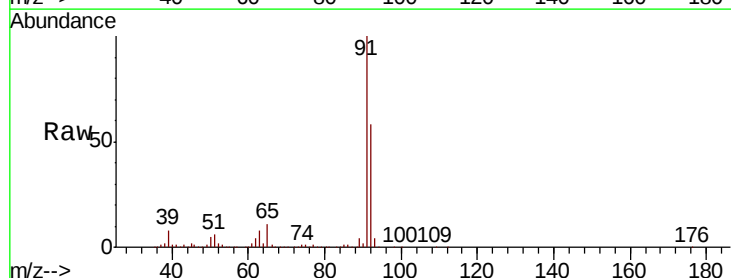
Instrument :
 MSVOA_X
 ClientSampleID :
 WP-24

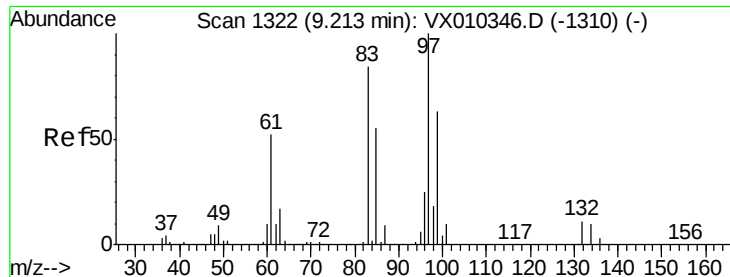
Tot Ion: 43 Resp: 958
 Ion Ratio Lower Upper
 43 100
 58 63.6 33.5 50.3#



#52
 Toluene
 Concen: 33.237 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Tgt Ion: 92 Resp: 201058
 Ion Ratio Lower Upper
 92 100
 91 173.8 139.8 209.6

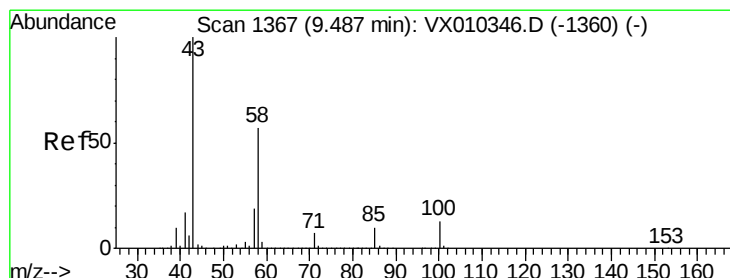
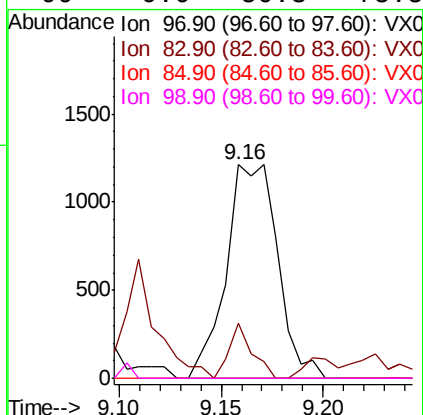
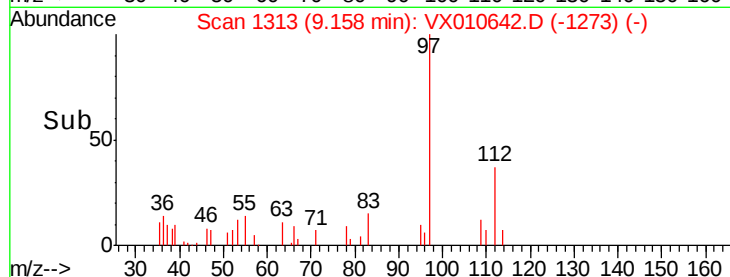
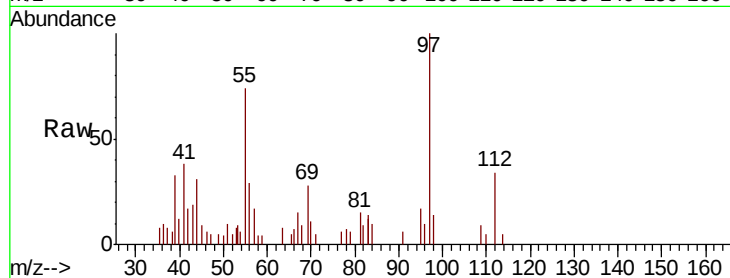




#55
 1,1,2-Trichloroethane
 Concen: 0.849 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

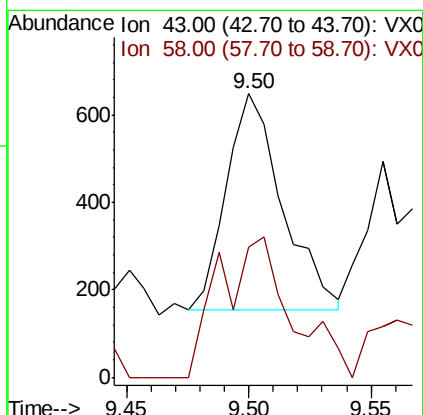
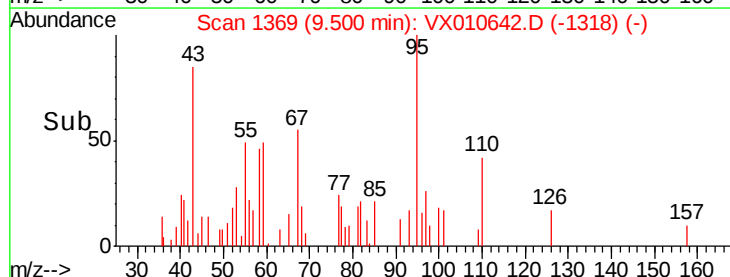
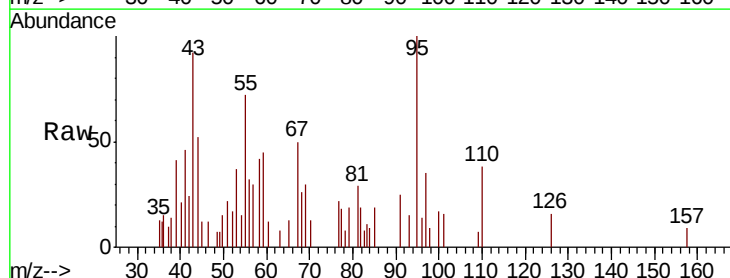
Instrument :
 MSVOA_X
 ClientSampled :
 WP-24

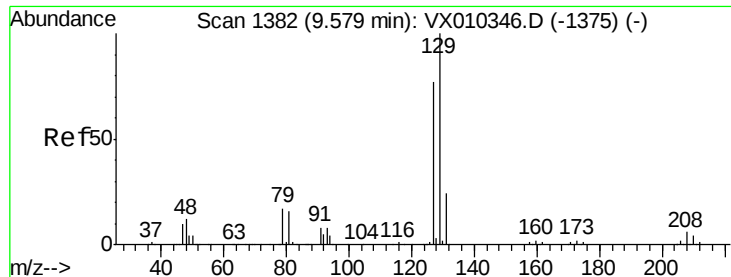
Tot Ion: 97 Resp: 2119
 Ion Ratio Lower Upper
 97 100
 83 20.7 67.4 101.0#
 85 0.0 43.8 65.8#
 99 0.0 50.3 75.5#



#59
 2-Hexanone
 Concen: 0.311 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Tgt Ion: 43 Resp: 785
 Ion Ratio Lower Upper
 43 100
 58 83.6 29.0 87.1

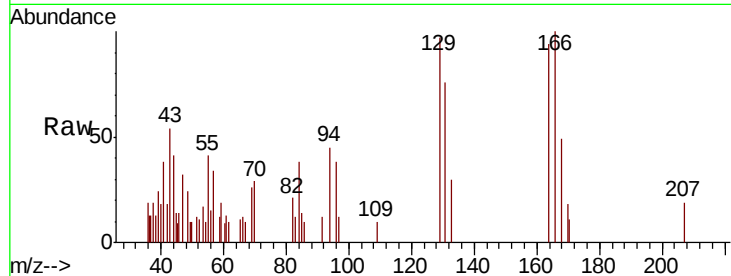




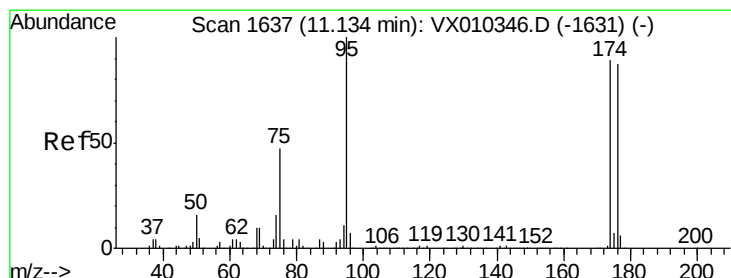
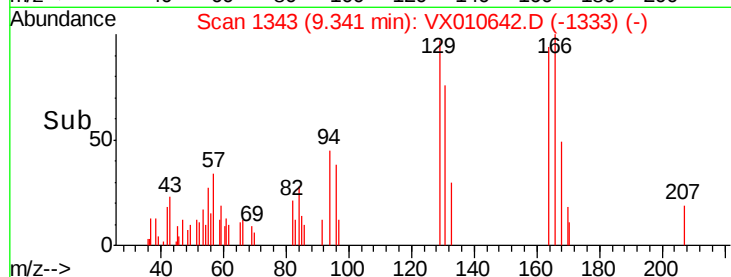
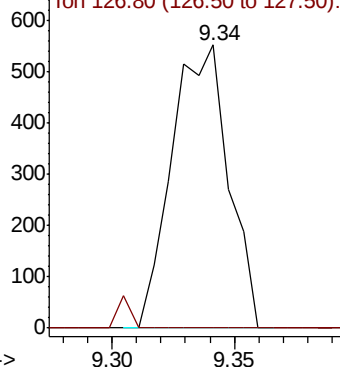
#60
 Dibromochloromethane
 Concen: 0.318 ug/l
 RT: 9.34 min Scan# 1343
 Delta R.T. -0.24 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 WP-24

Tot Ion:129 Resp: 887
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.4 115.1#

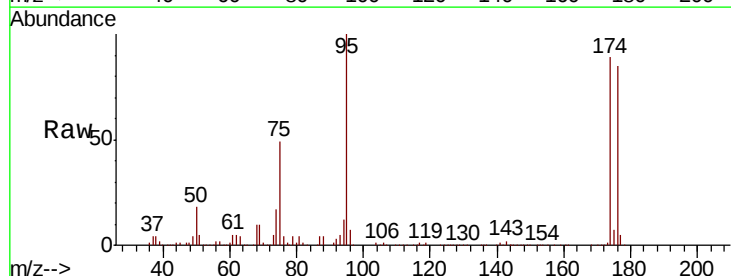


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

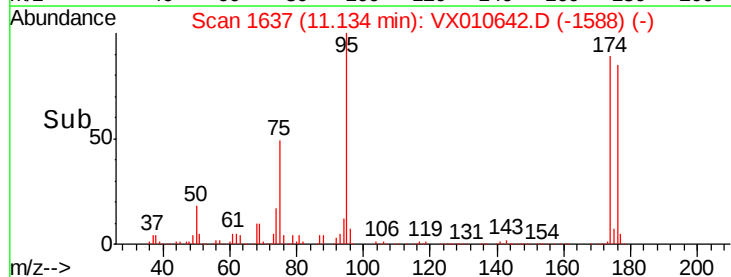
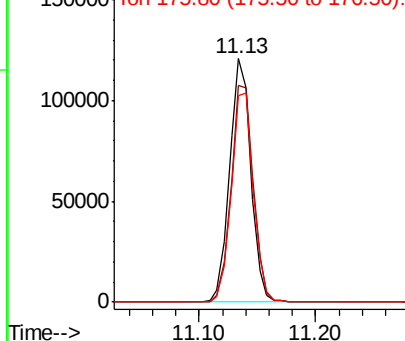


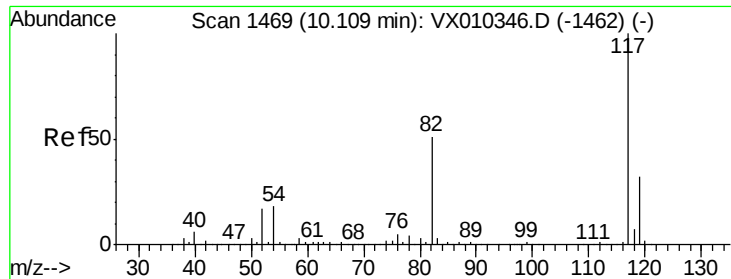
#62
 4-Bromofluorobenzene
 Concen: 49.101 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Tgt Ion: 95 Resp: 153960
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 187.6
 176 89.1 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

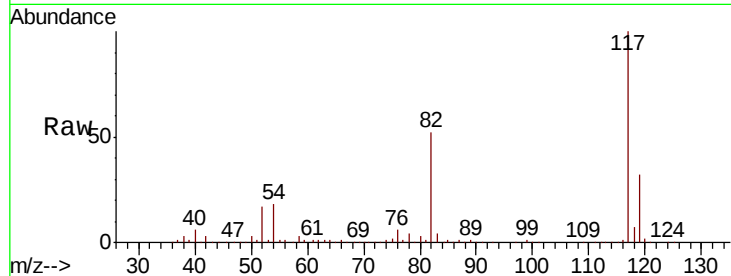




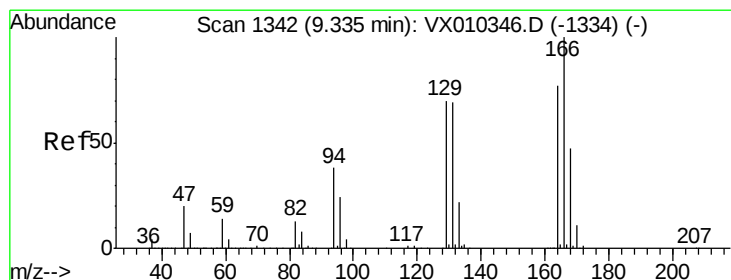
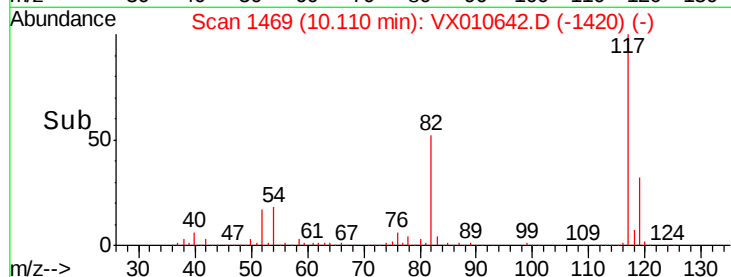
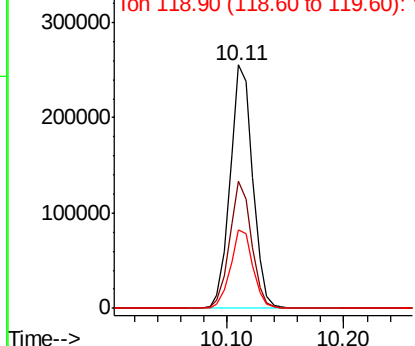
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Instrument :
MSVOA_X
ClientSampleId :
WP-24

Tot Ion:117 Resp: 344414
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 32.3 25.5 38.3

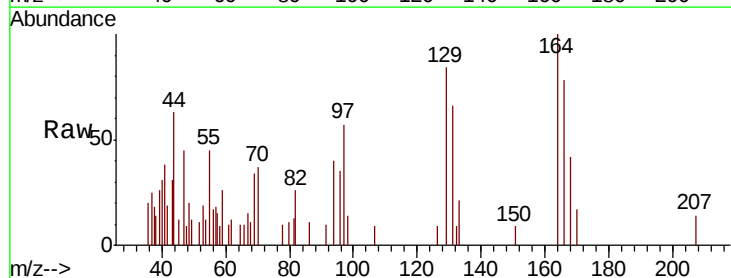


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

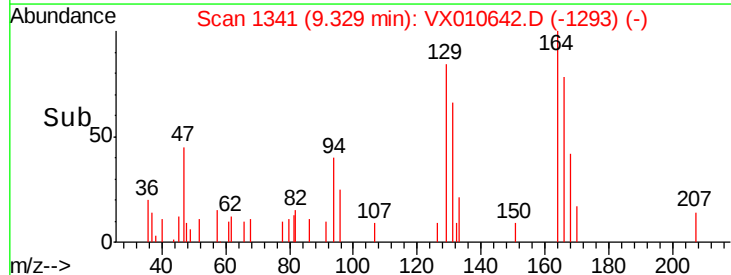
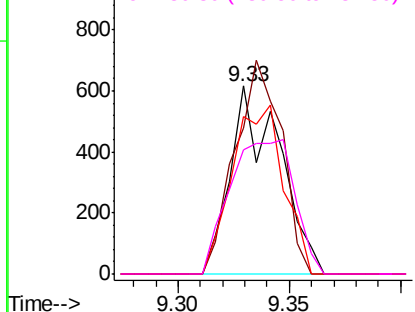


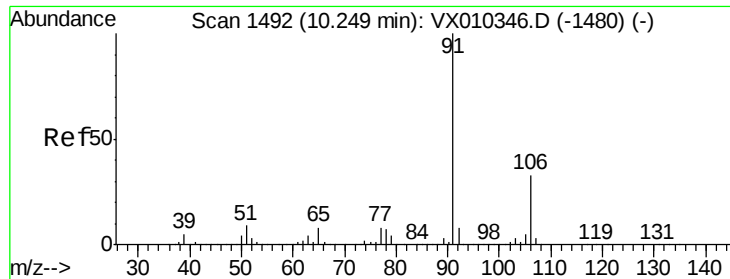
#64
Tetrachloroethene
Concen: 0.342 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Tgt Ion:164 Resp: 952
Ion Ratio Lower Upper
164 100
166 77.6 103.6 155.4#
129 83.8 73.0 109.4
131 65.7 71.0 106.4#



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

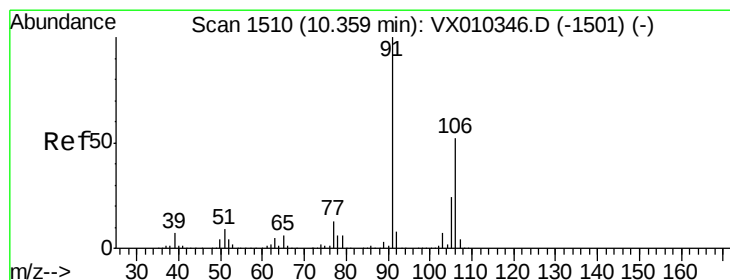
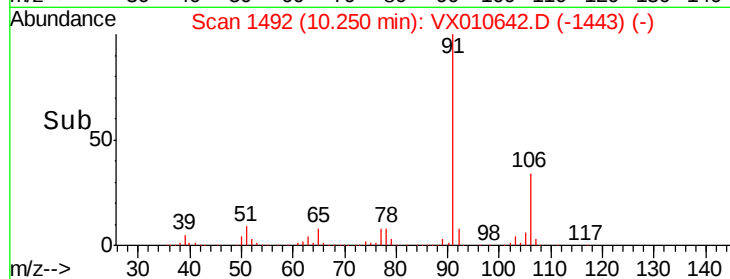
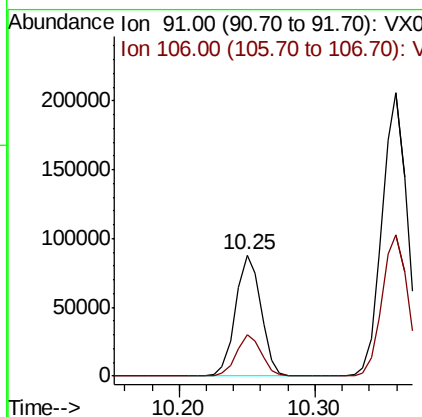
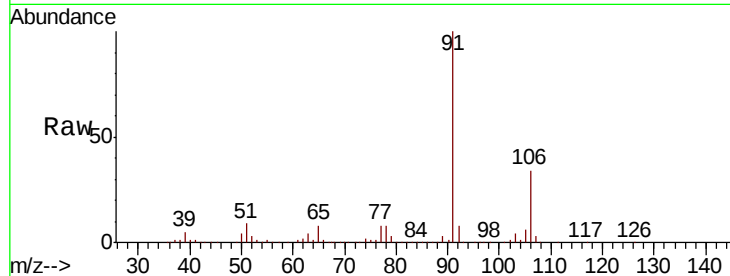




#67
Ethyl Benzene
Concen: 9.765 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

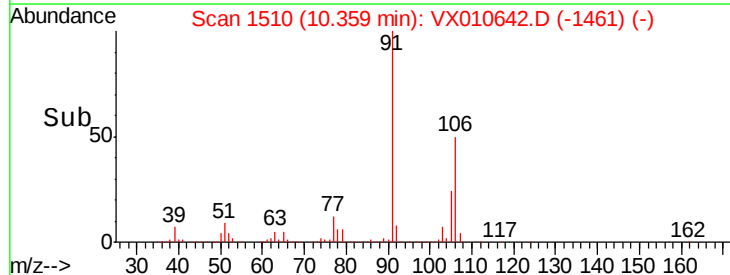
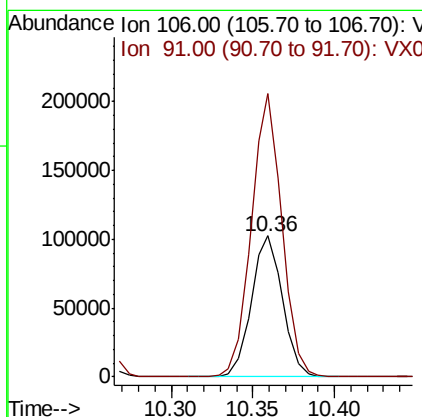
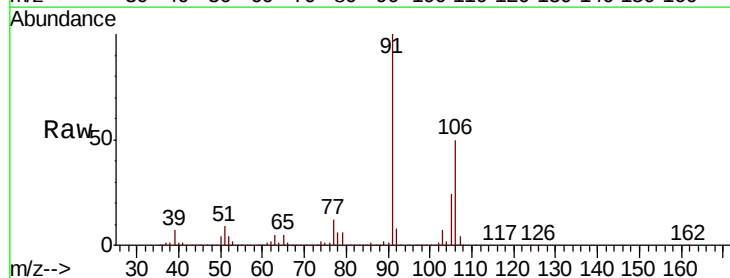
Instrument :
MSVOA_X
ClientSampled :
WP-24

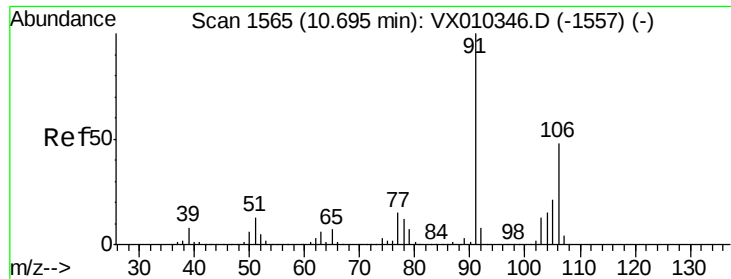
Tot Ion: 91 Resp: 115276
Ion Ratio Lower Upper
91 100
106 34.1 26.2 39.2



#68
m/p-Xylenes
Concen: 29.639 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Tgt Ion: 106 Resp: 135567
Ion Ratio Lower Upper
106 100
91 196.9 155.3 232.9

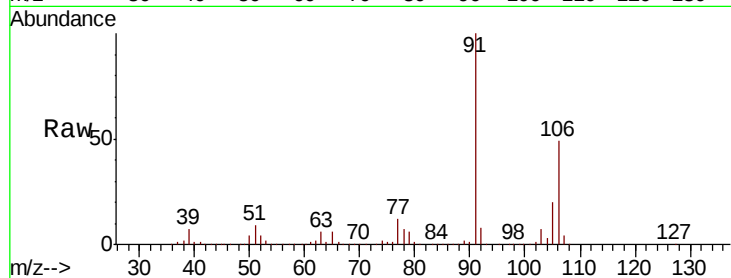




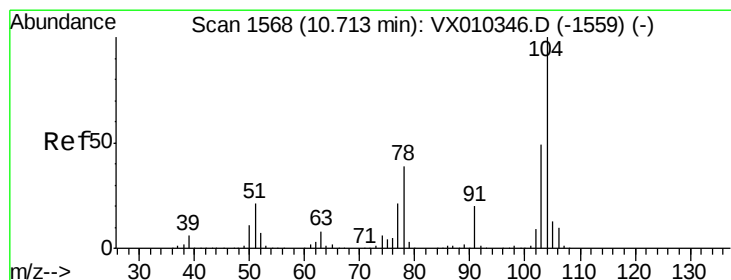
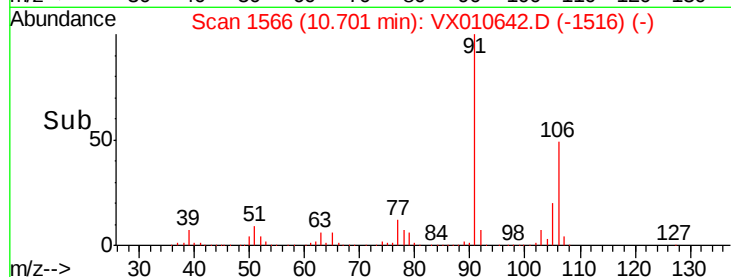
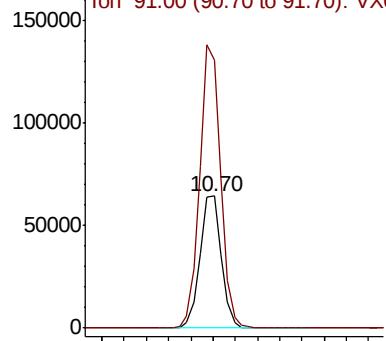
#69
o-Xylene
Concen: 18.973 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Instrument :
MSVOA_X
ClientSampled :
WP-24

Tot Ion:106 Resp: 85341
Ion Ratio Lower Upper
106 100
91 209.5 102.7 308.1

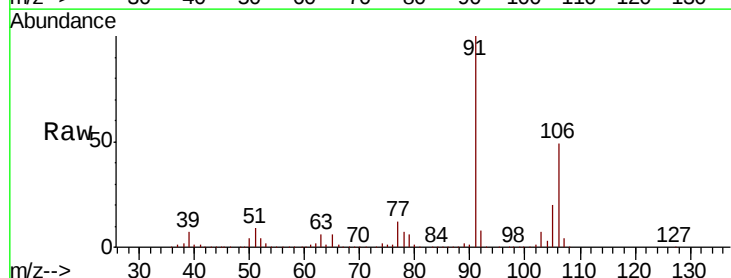


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

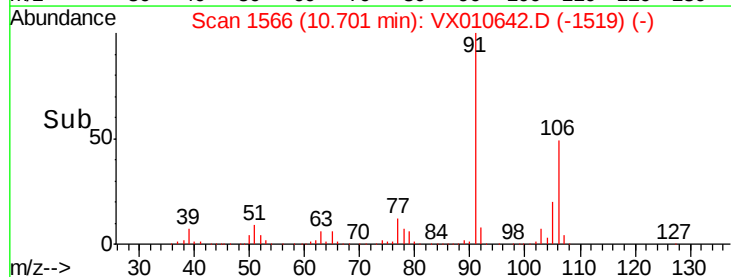
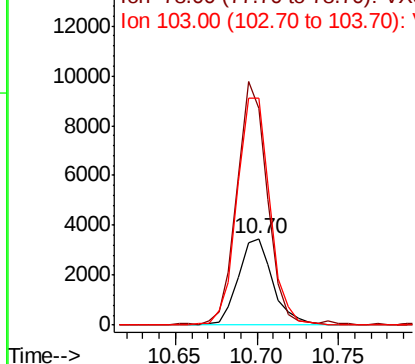


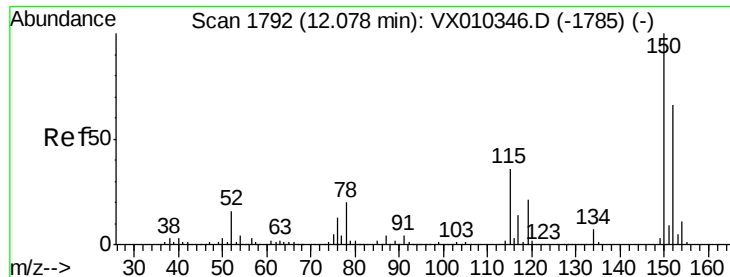
#70
Styrene
Concen: 0.679 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Tgt Ion:104 Resp: 5121
Ion Ratio Lower Upper
104 100
78 249.2 36.2 54.2#
103 250.1 44.2 66.4#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampled :

WP-24

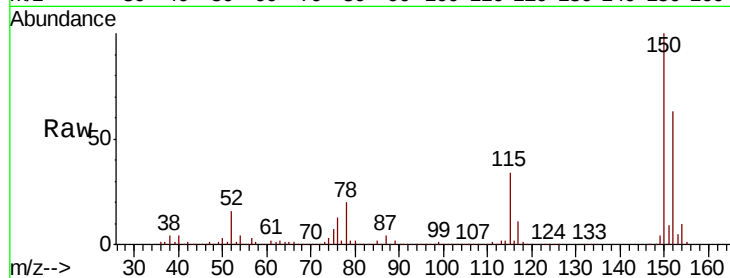
Tot Ion:152 Resp: 161344

Ion Ratio Lower Upper

152 100

115 54.4 38.6 115.7

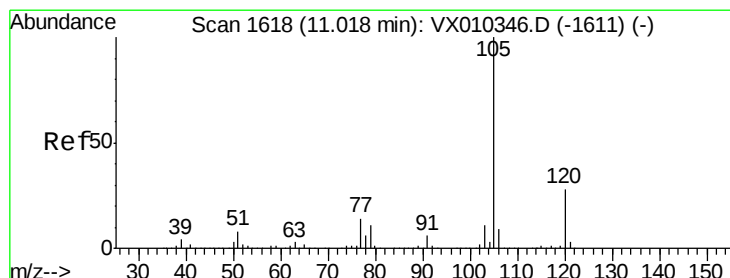
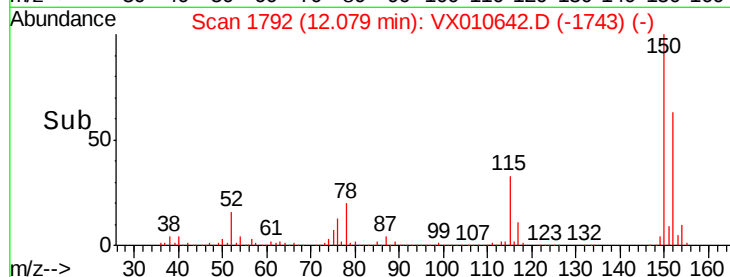
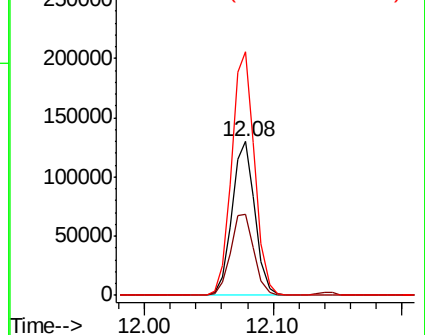
150 159.3 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.538 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010642.D

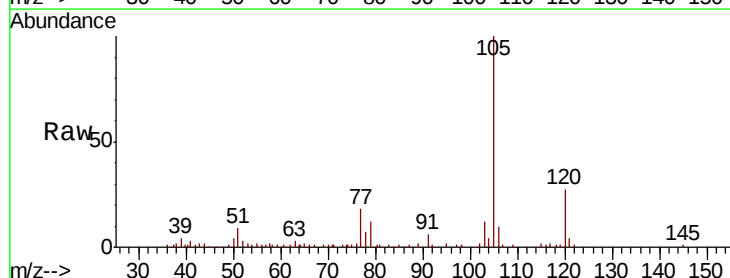
Acq: 03 Jul 2019 16:01

Tgt Ion:105 Resp: 16824

Ion Ratio Lower Upper

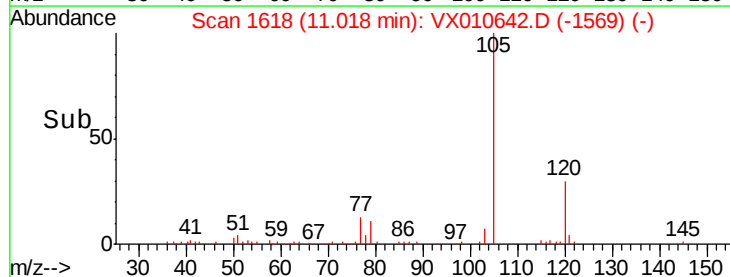
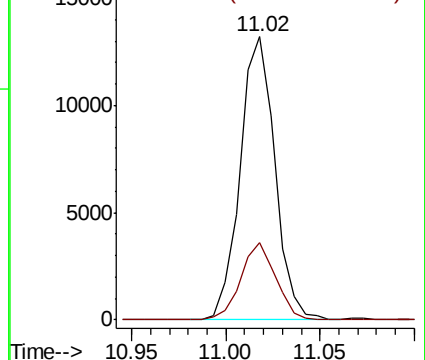
105 100

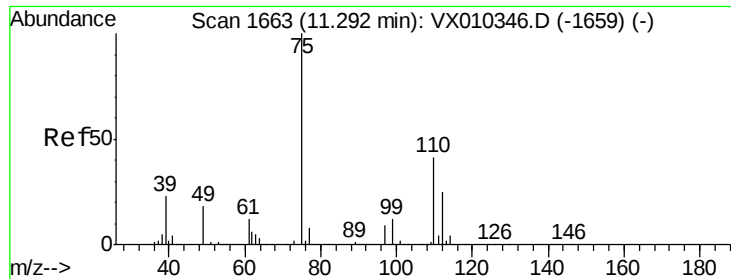
120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 25.207 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampled :

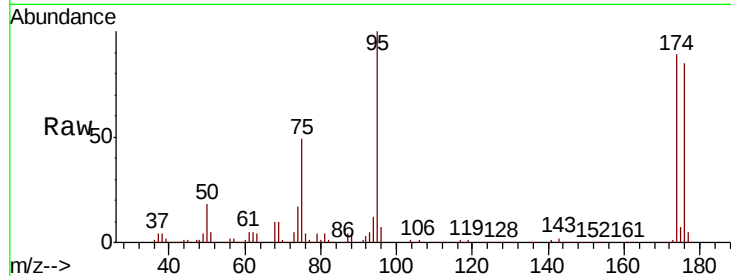
WP-24

Tot Ion: 75 Resp: 74111

Ion Ratio Lower Upper

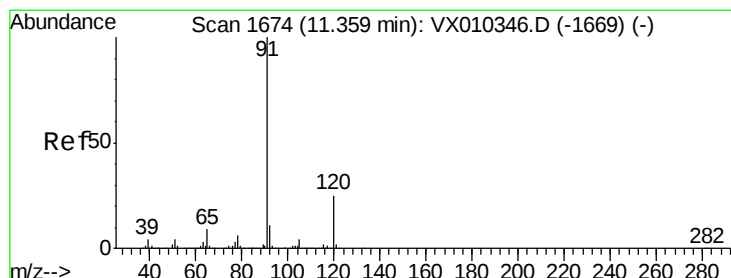
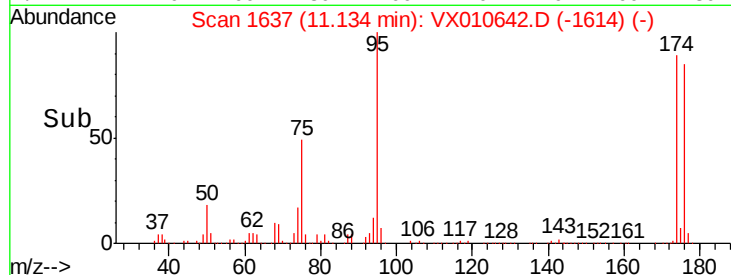
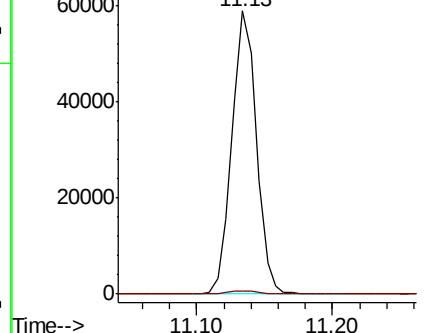
75 100

77 1.5 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 1.648 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010642.D

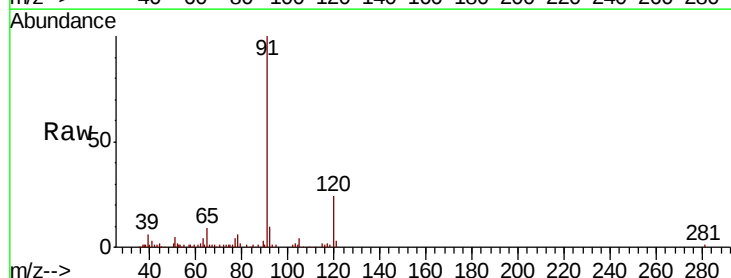
Acq: 03 Jul 2019 16:01

Tgt Ion: 91 Resp: 19814

Ion Ratio Lower Upper

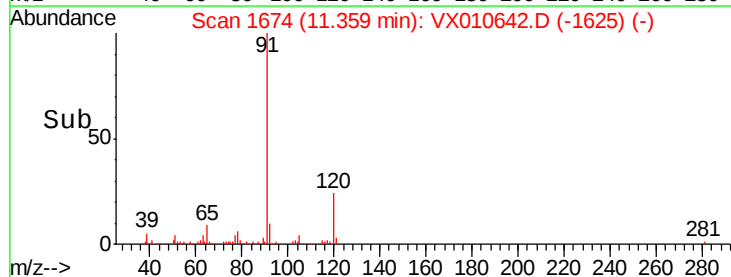
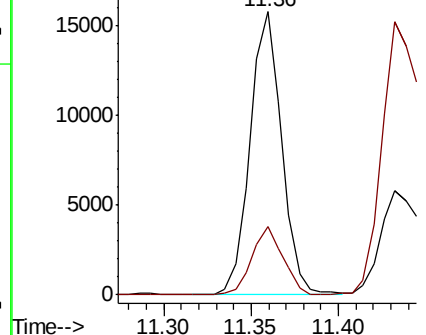
91 100

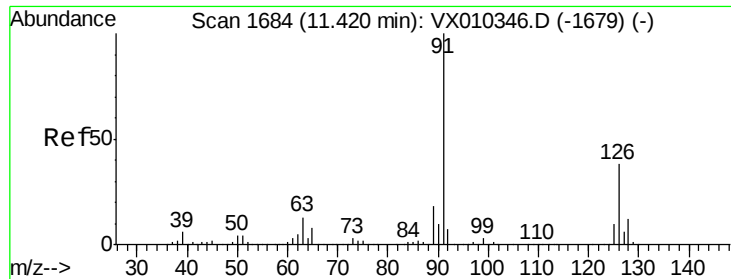
120 23.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

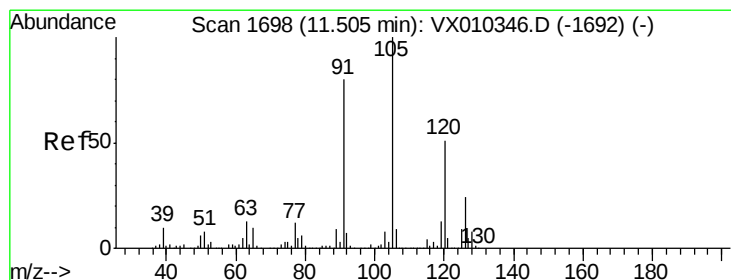
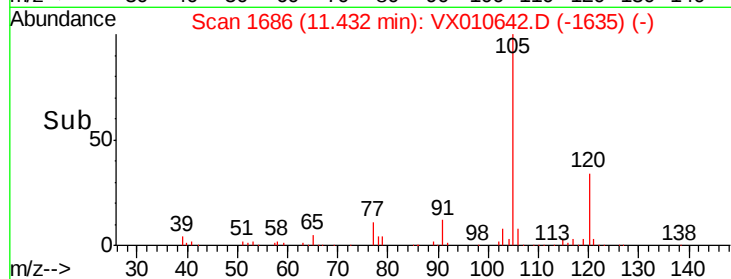
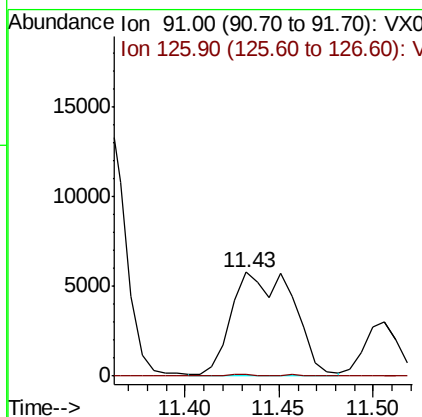
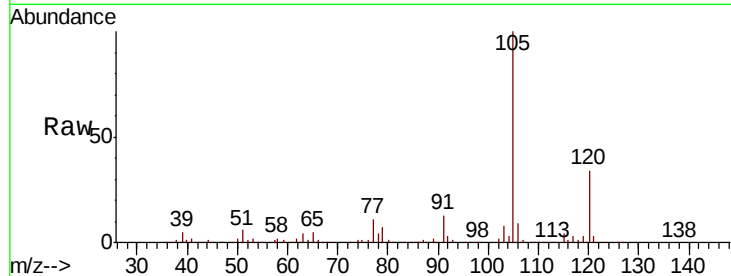




#79
 2-Chlorotoluene
 Concen: 1.840 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

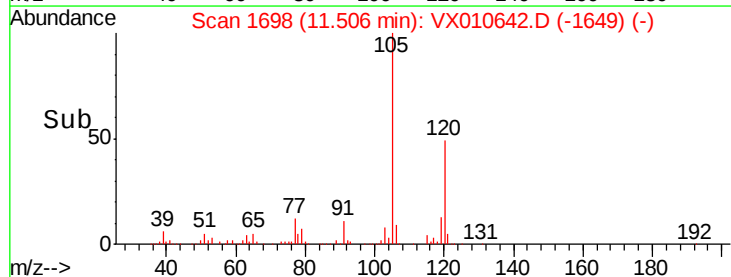
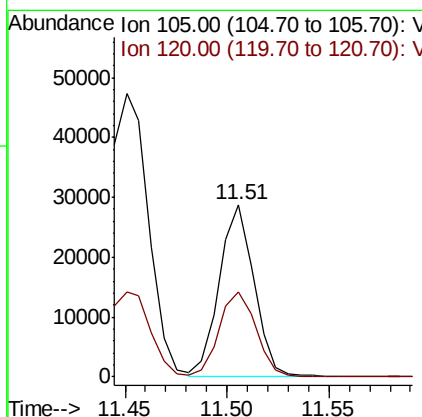
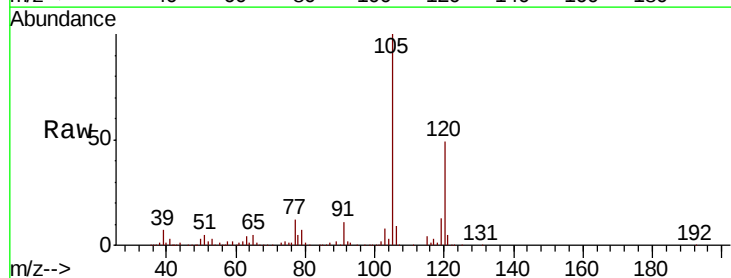
Instrument :
 MSVOA_X
 ClientSampled :
 WP-24

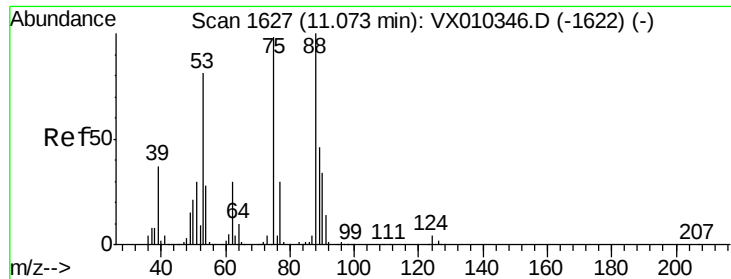
Tot Ion: 91 Resp: 13172
 Ion Ratio Lower Upper
 91 100
 126 0.9 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 3.750 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Tgt Ion:105 Resp: 33808
 Ion Ratio Lower Upper
 105 100
 120 52.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 58.805 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

WP-24

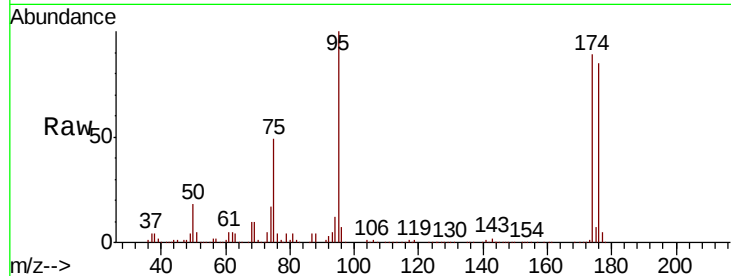
Tot Ion: 75 Resp: 74111

Ion Ratio Lower Upper

75 100

53 0.2 66.1 99.1#

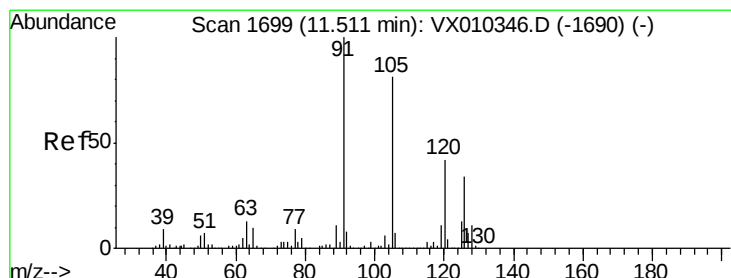
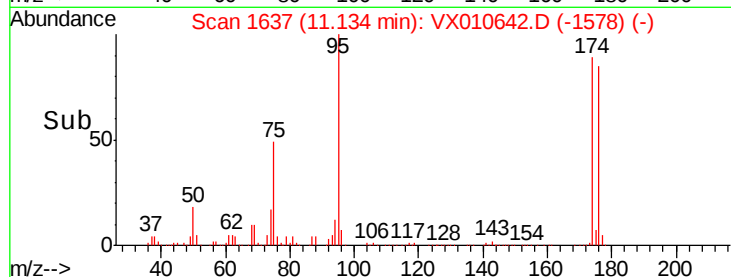
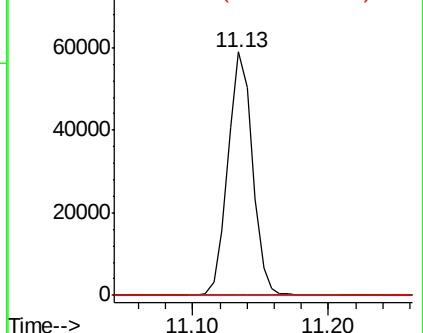
89 0.0 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.485 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010642.D

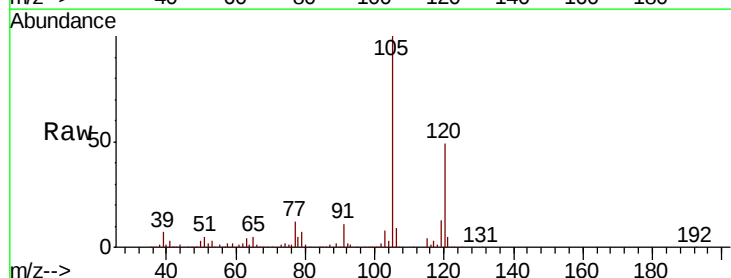
Acq: 03 Jul 2019 16:01

Tgt Ion: 91 Resp: 3953

Ion Ratio Lower Upper

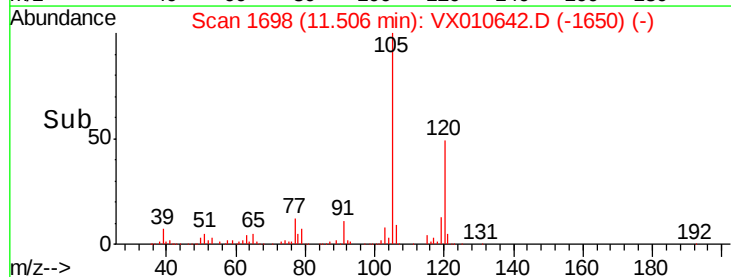
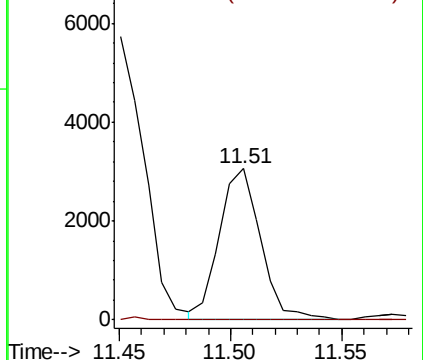
91 100

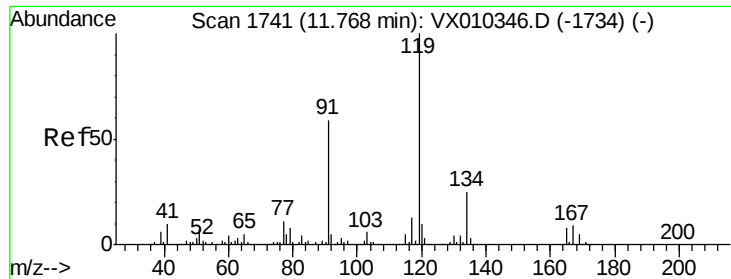
126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.398 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.26 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampled :

WP-24

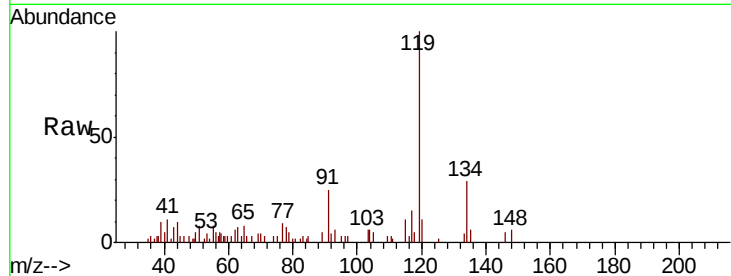
Tot Ion:119 Resp: 3601

Ion Ratio Lower Upper

119 100

91 29.8 27.6 82.7

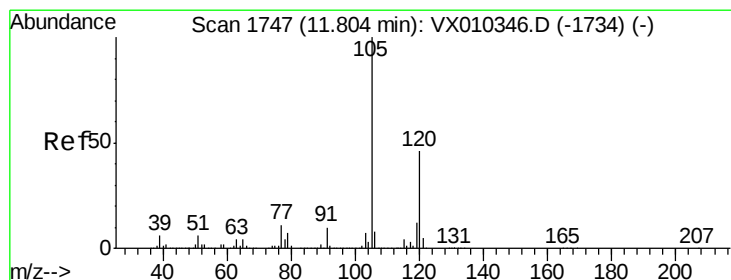
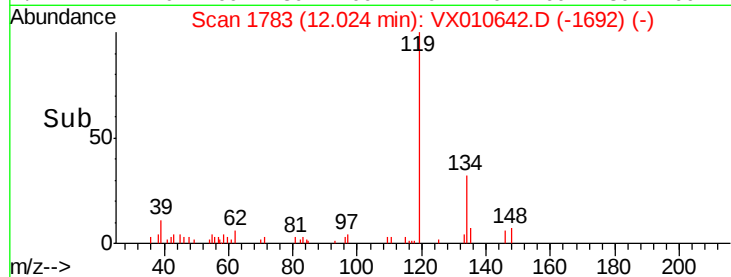
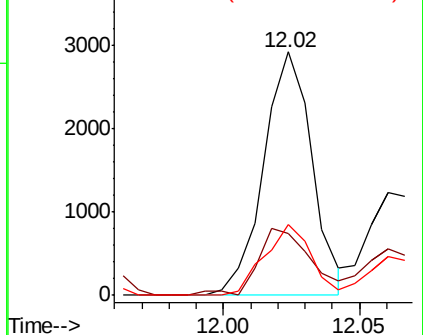
134 27.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 26.490 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010642.D

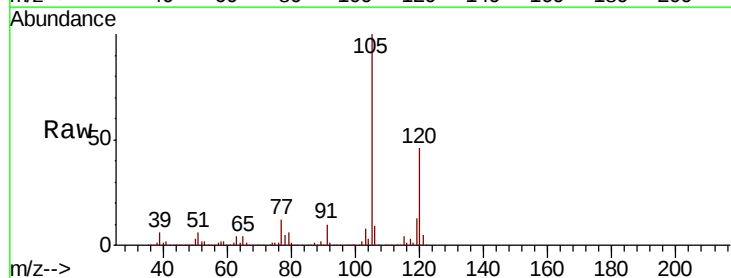
Acq: 03 Jul 2019 16:01

Tgt Ion:105 Resp: 239962

Ion Ratio Lower Upper

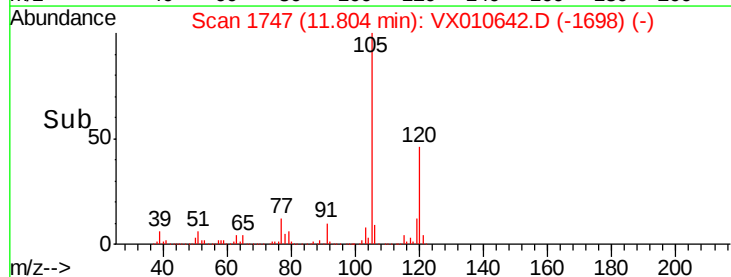
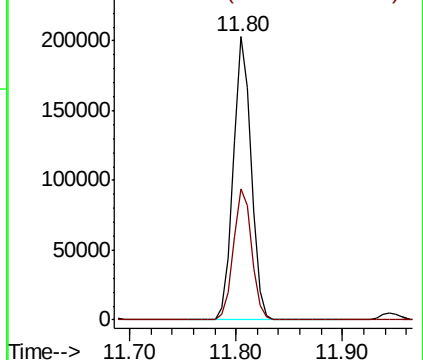
105 100

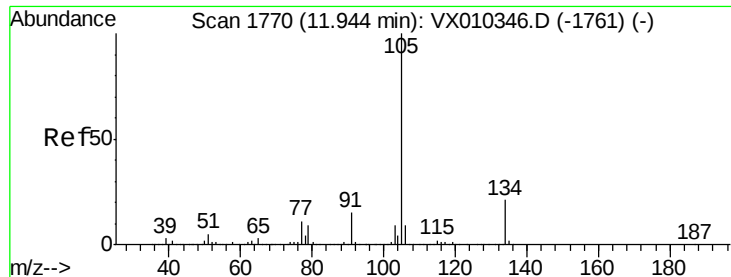
120 47.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.584 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampled :

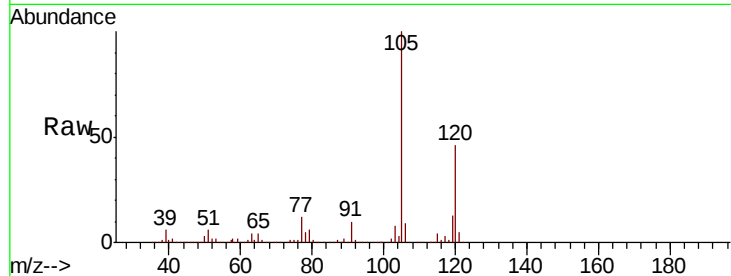
WP-24

Tot Ion:105 Resp: 239962

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

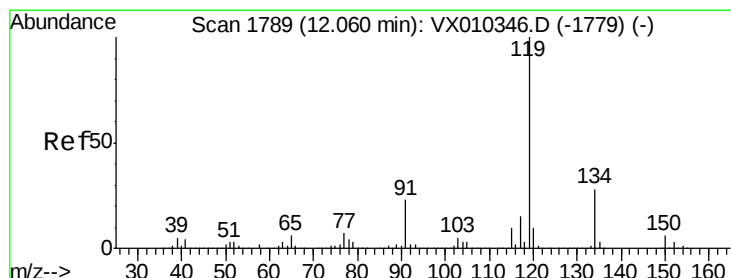
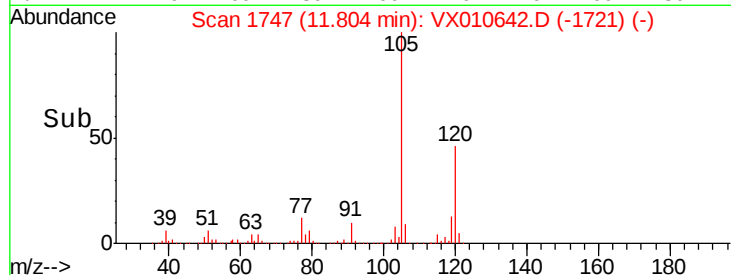
100000

50000

0

11.70 11.80 11.90

Time-->



#86

p-Isopropyltoluene

Concen: 0.366 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX010642.D

Acq: 03 Jul 2019 16:01

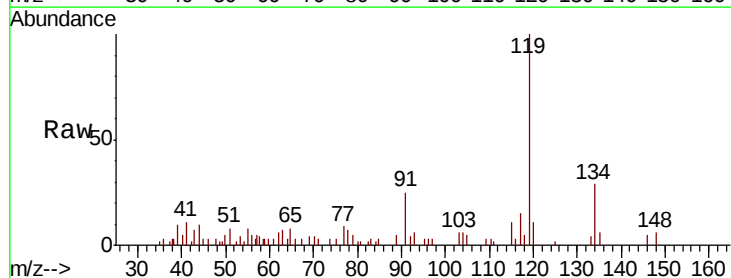
Tgt Ion:119 Resp: 3601

Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.1

91 29.8 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

4000

3000

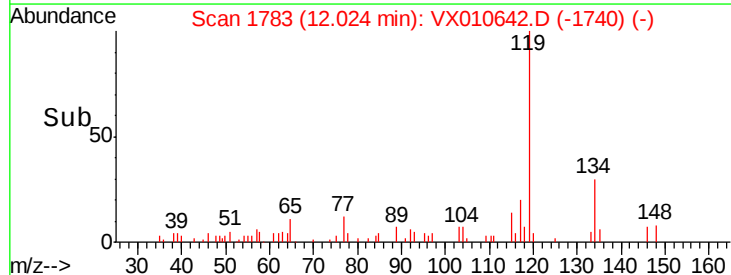
2000

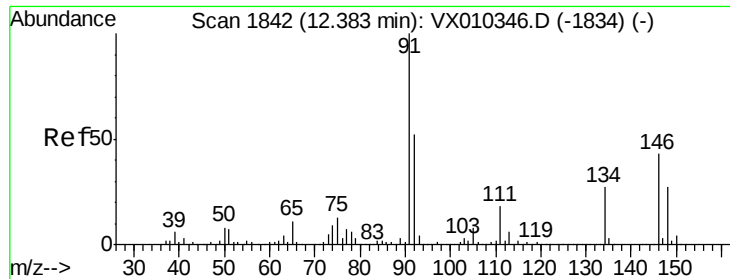
1000

0

12.00 12.02 12.05

Time-->

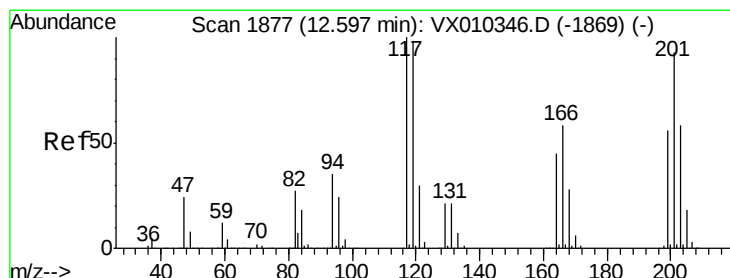
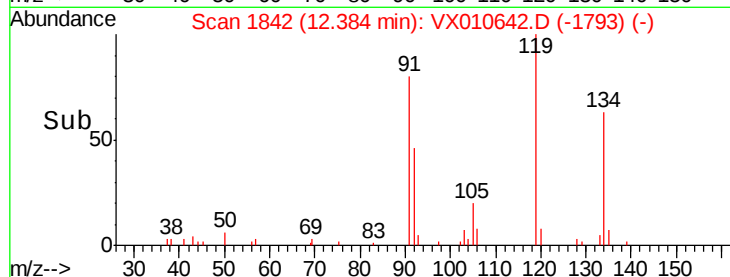
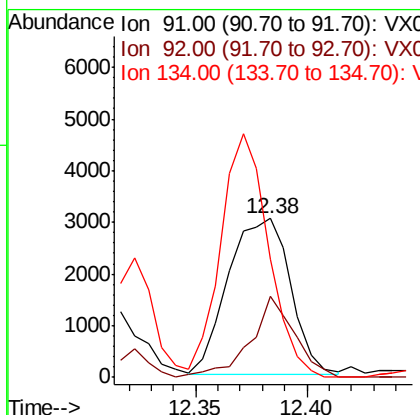
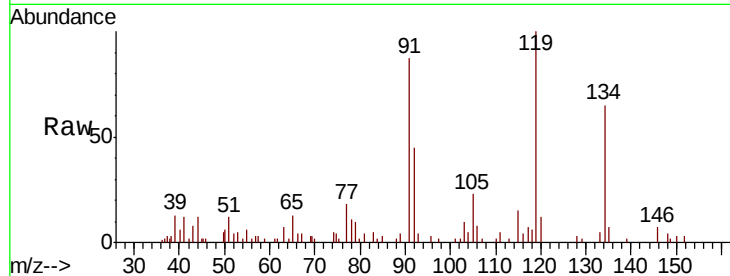




#89
n-Butylbenzene
Concen: 0.702 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

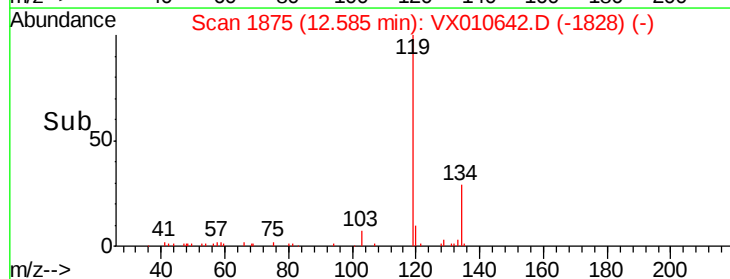
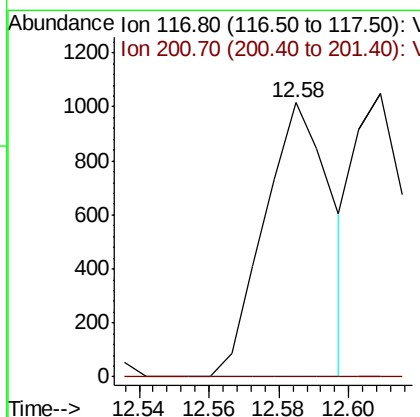
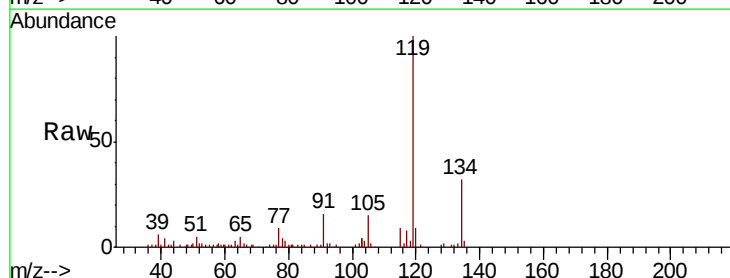
Instrument :
MSVOA_X
ClientSampled :
WP-24

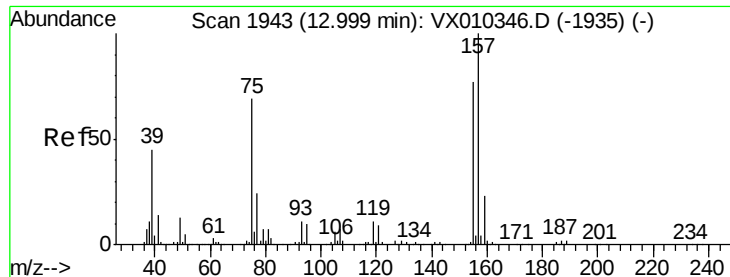
Tot Ion: 91 Resp: 5859
Ion Ratio Lower Upper
91 100
92 37.0 26.2 78.5
134 120.0 14.1 42.4#



#90
Hexachloroethane
Concen: 0.797 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010642.D
Acq: 03 Jul 2019 16:01

Tgt Ion: 117 Resp: 1354
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#

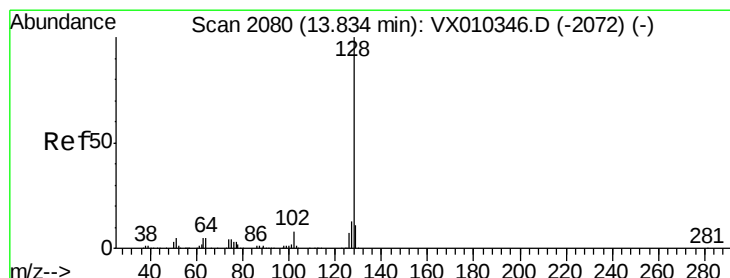
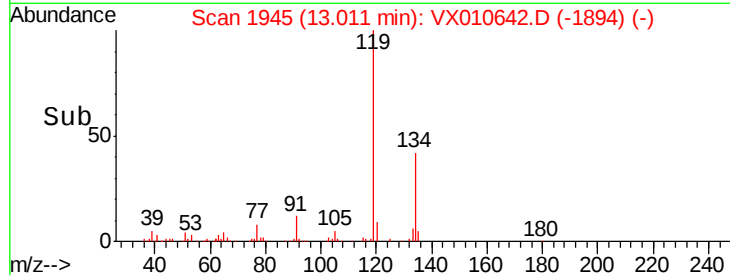
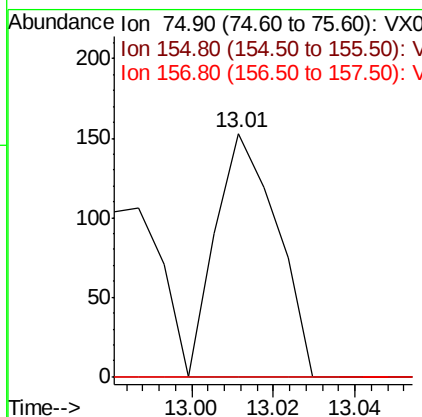
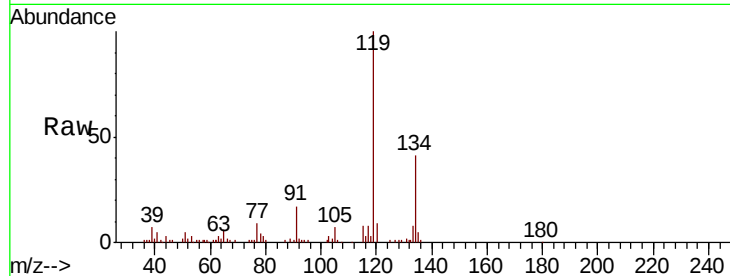




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.205 ug/l
 RT: 13.01 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 WP-24

Tot Ion: 75 Resp: 160
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#



#95
 Naphthalene
 Concen: 4.649 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010642.D
 Acq: 03 Jul 2019 16:01

Tgt Ion: 128 Resp: 52497
 Ion Ratio Lower Upper
 128 100
 127 14.2 10.2 15.4
 129 12.6 8.9 13.3

