

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025768.D
 Acq On : 01 Aug 2018 11:44
 Operator : MD/SY
 Sample : VU0801WBSD03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

Quant Time: Aug 02 03:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	160105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	245794	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145489	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	130385	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
35) Dibromofluoromethane	4.89	113	103899	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	7.57	98	361204	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	10.31	95	138665	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	44361	18.33	ug/l	97
3) Chloromethane	1.33	50	41787	18.07	ug/l	99
4) Vinyl Chloride	1.40	62	37424	17.19	ug/l	100
5) Bromomethane	1.63	94	20523	19.31	ug/l	100
6) Chloroethane	1.70	64	23190	18.22	ug/l	100
7) Trichlorofluoromethane	1.89	101	54724	17.39	ug/l	98
8) Diethyl Ether	2.10	74	21435	18.82	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	33137	18.20	ug/l	99
10) Methyl Iodide	2.41	142	25520	21.04	ug/l	100
11) Tert butyl alcohol	2.83	59	53583	98.11	ug/l	99
12) 1,1-Dichloroethene	2.28	96	30918	17.99	ug/l	91
13) Acrolein	2.19	56	23190	116.15	ug/l	96
14) Allyl chloride	2.59	41	53389	17.28	ug/l	96
15) Acrylonitrile	2.94	53	107944	98.99	ug/l	100
16) Acetone	2.32	43	110384	90.76	ug/l	98
17) Carbon Disulfide	2.48	76	92770	16.67	ug/l	99
18) Methyl Acetate	2.62	43	68264	23.32	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	121761	19.55	ug/l	97
20) Methylene Chloride	2.70	84	39083	18.13	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	35146	17.69	ug/l	97
22) Diisopropyl ether	3.58	45	117766	19.34	ug/l	94
23) Vinyl Acetate	3.53	43	506339	95.44	ug/l	99
24) 1,1-Dichloroethane	3.45	63	67458	18.46	ug/l	98
25) 2-Butanone	4.27	43	158890	95.97	ug/l	100
26) 2,2-Dichloropropane	4.23	77	59872	18.03	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	40186	17.94	ug/l	97
28) Bromochloromethane	4.55	49	32881	20.12	ug/l	99
29) Tetrahydrofuran	4.64	42	97879	98.68	ug/l	99
30) Chloroform	4.68	83	71677	18.58	ug/l	98
31) Cyclohexane	5.00	56	56076	16.74	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	63508	18.29	ug/l	98
36) 1,1-Dichloropropene	5.14	75	50320	17.52	ug/l	99
37) Ethyl Acetate	4.38	43	57144	19.19	ug/l	98
38) Carbon Tetrachloride	5.14	117	56076	17.24	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025768.D
 Acq On : 01 Aug 2018 11:44
 Operator : MD/SY
 Sample : VU0801WBSD03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

Quant Time: Aug 02 03:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	55169	16.76	ug/l	99
40) Benzene	5.39	78	147945	17.62	ug/l	98
41) Methacrylonitrile	4.54	41	31107	18.80	ug/l	98
42) 1,2-Dichloroethane	5.41	62	59858	18.51	ug/l	99
43) Isopropyl Acetate	5.55	43	92609	18.82	ug/l	100
44) Trichloroethene	6.19	130	40105	17.15	ug/l	99
45) 1,2-Dichloropropane	6.44	63	39936	18.24	ug/l	99
46) Dibromomethane	6.56	93	29298	18.46	ug/l	99
47) Bromodichloromethane	6.76	83	55132	18.22	ug/l	98
48) Methyl methacrylate	6.63	41	46218	19.16	ug/l	97
49) 1,4-Dioxane	6.62	88	22914	390.34	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	296834	96.33	ug/l	100
52) Toluene	7.64	92	92552	17.74	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	61645	18.14	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	66299	18.99	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	40057	18.48	ug/l	98
56) Ethyl methacrylate	8.02	69	57873	18.68	ug/l	98
57) 1,3-Dichloropropane	8.25	76	69072	18.95	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.13	63	137629	102.42	ug/l	100
59) 2-Hexanone	8.36	43	228510	94.60	ug/l	100
60) Dibromochloromethane	8.48	129	45547	17.82	ug/l	99
61) 1,2-Dibromoethane	8.59	107	45817	19.00	ug/l	97
64) Tetrachloroethene	8.23	164	35382	16.98	ug/l	98
65) Chlorobenzene	9.12	112	108167	17.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	40921	18.54	ug/l	99
67) Ethyl Benzene	9.25	91	178174	17.63	ug/l	100
68) m/p-Xylenes	9.38	106	140252	36.14	ug/l	97
69) o-Xylene	9.78	106	67780	17.87	ug/l	99
70) Styrene	9.80	104	107204	17.50	ug/l	100
71) Bromoform	9.96	173	35968	18.79	ug/l #	98
73) Isopropylbenzene	10.17	105	180625	18.19	ug/l	99
74) N-amyl acetate	10.01	43	78554	19.38	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	65237	19.00	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	77441	24.16	ug/l	83
77) Bromobenzene	10.45	156	49237	17.98	ug/l	98
78) n-propylbenzene	10.59	91	208444	17.98	ug/l	99
79) 2-Chlorotoluene	10.66	91	124103	18.28	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	154145	18.28	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.50	75	77441	60.58	ug/l #	100
82) 4-Chlorotoluene	10.78	91	145360	18.17	ug/l	99
83) tert-Butylbenzene	11.10	119	154285	18.41	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	156186	18.28	ug/l	97
85) sec-Butylbenzene	11.33	105	184410	18.03	ug/l	99
86) p-Isopropyltoluene	11.48	119	162857	17.78	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	89525	17.61	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	90082	17.00	ug/l	98
89) n-Butylbenzene	11.89	91	142550	16.86	ug/l	99
90) Hexachloroethane	12.15	117	27996	17.19	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	90115	18.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	15842	19.46	ug/l	95

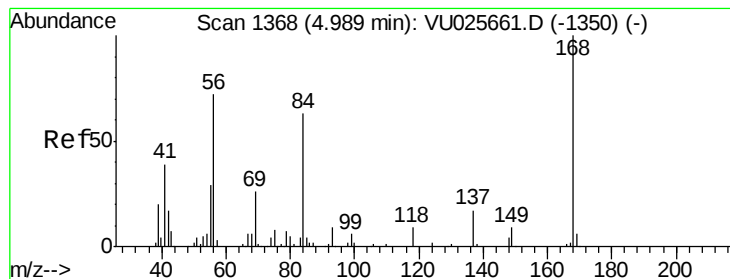
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025768.D
Acq On : 01 Aug 2018 11:44
Operator : MD/SY
Sample : VU0801WBSD03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

Quant Time: Aug 02 03:55:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 16:07:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	59974	17.83	ug/l	98
94) Hexachlorobutadiene	13.70	225	28699	16.19	ug/l	98
95) Naphthalene	13.75	128	187635	18.18	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	62155	18.53	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

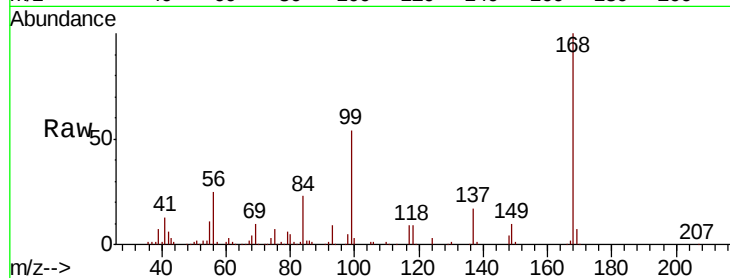
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

Tot Ion:168 Resp: 160105

Ion Ratio Lower Upper

168 100

99 54.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)

4.99

80000

60000

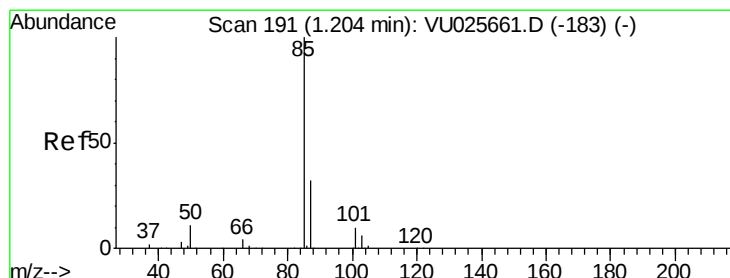
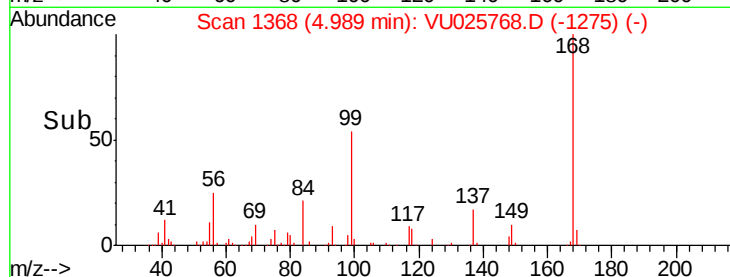
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.33 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025768.D

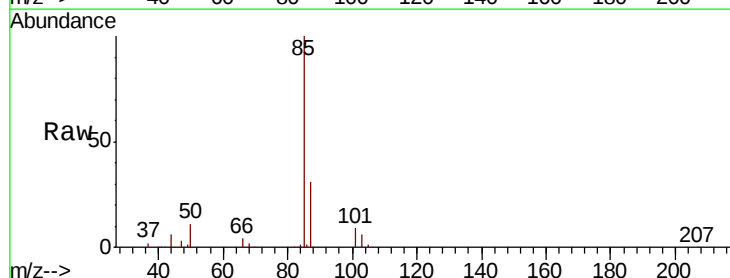
Acq: 01 Aug 2018 11:44

Tgt Ion: 85 Resp: 44361

Ion Ratio Lower Upper

85 100

87 31.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025661.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025661.D (-183) (-)

1.21

50000

40000

30000

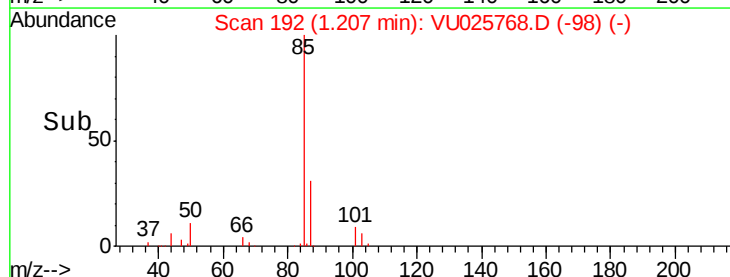
20000

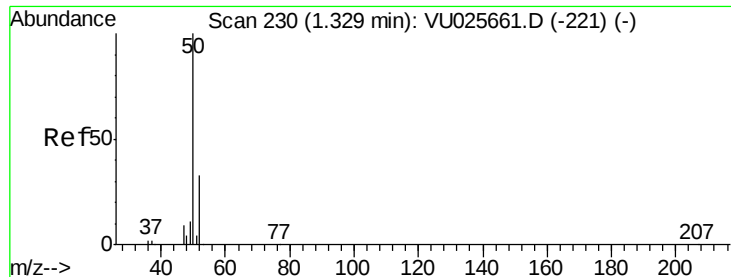
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.07 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

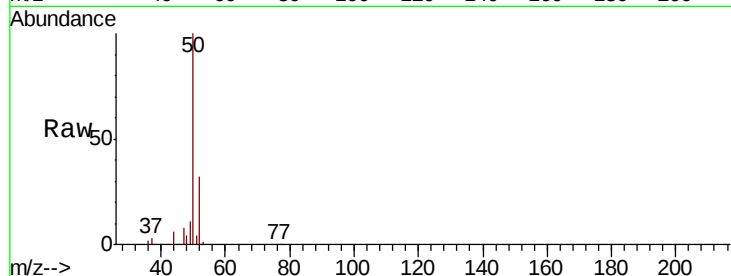
VU0801WBSD03

Tot Ion: 50 Resp: 41787

Ion Ratio Lower Upper

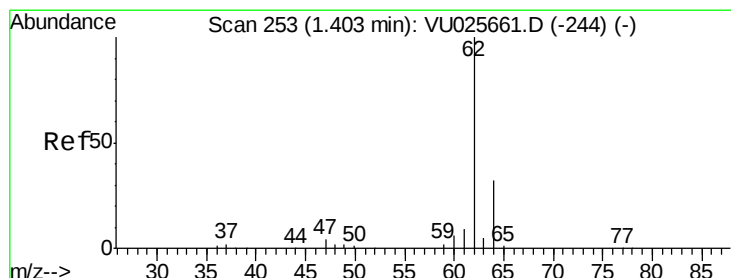
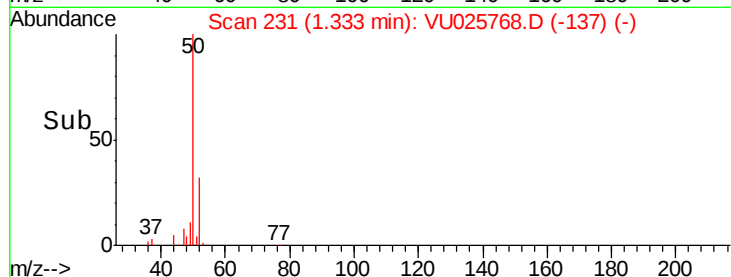
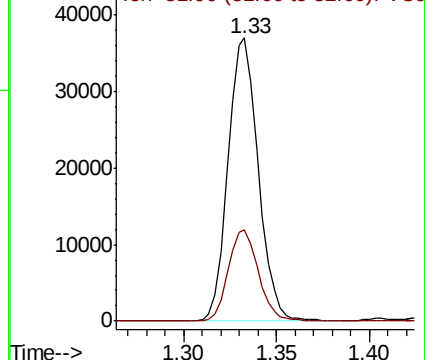
50 100

52 32.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 17.19 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025768.D

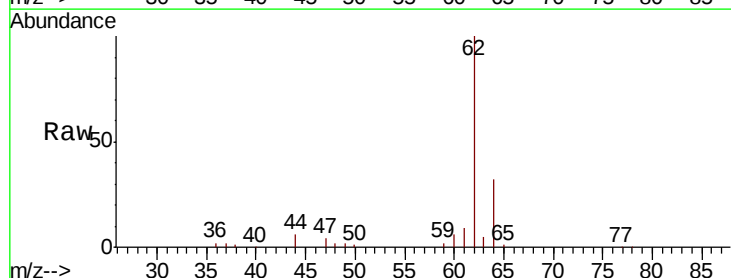
Acq: 01 Aug 2018 11:44

Tgt Ion: 62 Resp: 37424

Ion Ratio Lower Upper

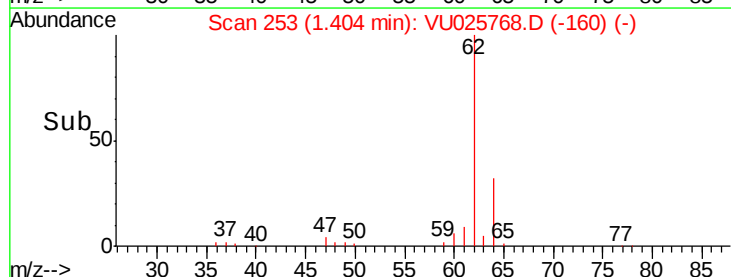
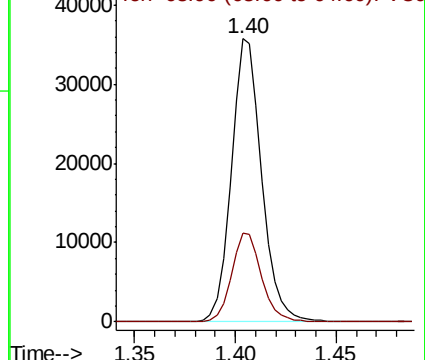
62 100

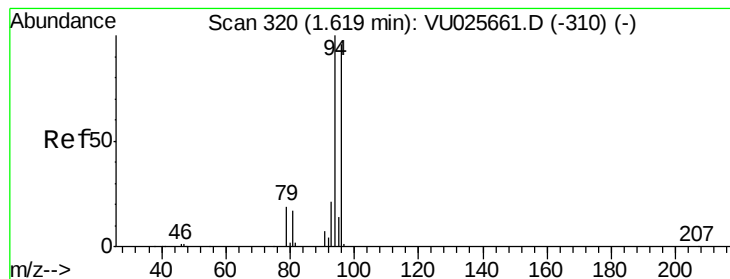
64 31.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 19.31 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

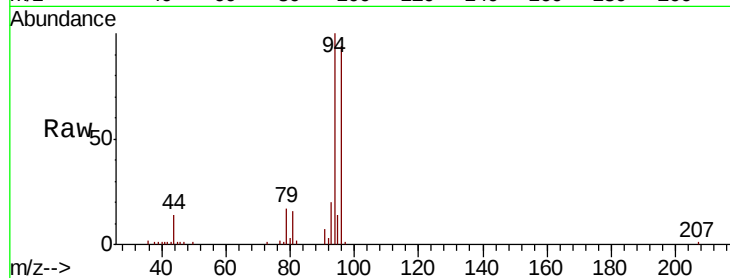
VU0801WBSD03

Tot Ion: 94 Resp: 20523

Ion Ratio Lower Upper

94 100

96 94.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU025661.D (-310) (-)

Ion 95.90 (95.60 to 96.60): VU025661.D (-310) (-)

1.63

15000

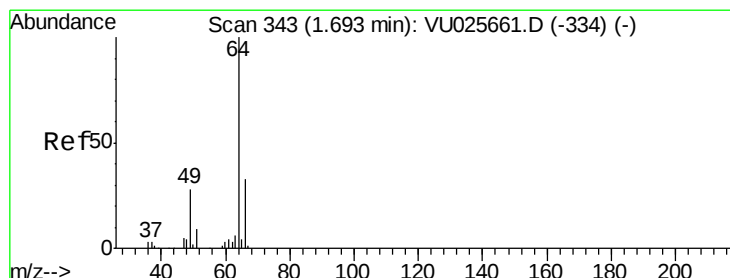
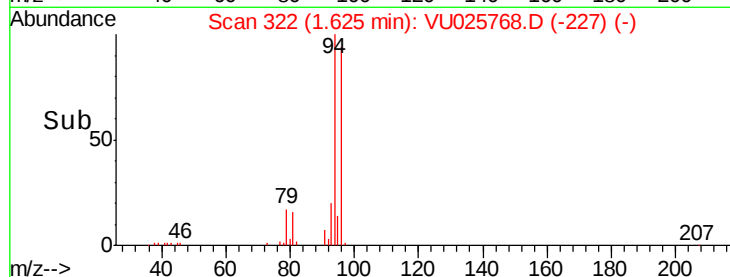
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 18.22 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025768.D

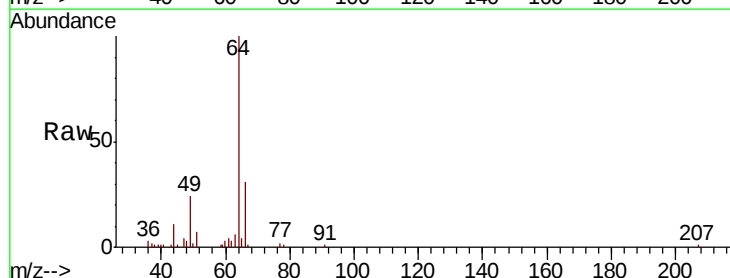
Acq: 01 Aug 2018 11:44

Tgt Ion: 64 Resp: 23190

Ion Ratio Lower Upper

64 100

66 31.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU025661.D (-334) (-)

Ion 65.90 (65.60 to 66.60): VU025661.D (-334) (-)

1.70

20000

15000

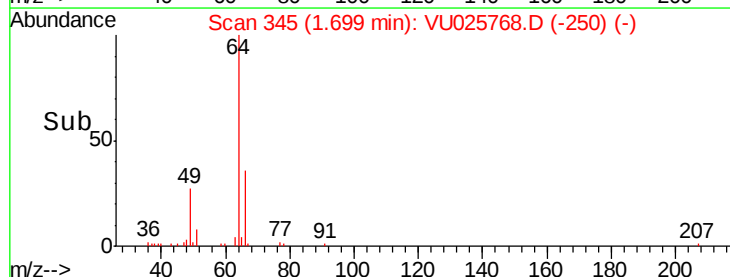
10000

5000

0

Time-->

1.65 1.70 1.75





#7

Trichlorofluoromethane

Concen: 17.39 ug/l

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

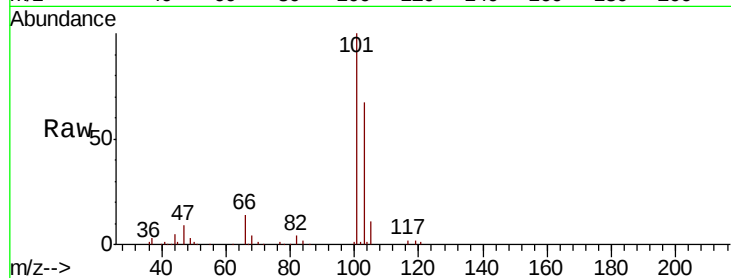
VU0801WBSD03

Tot Ion:101 Resp: 54724

Ion Ratio Lower Upper

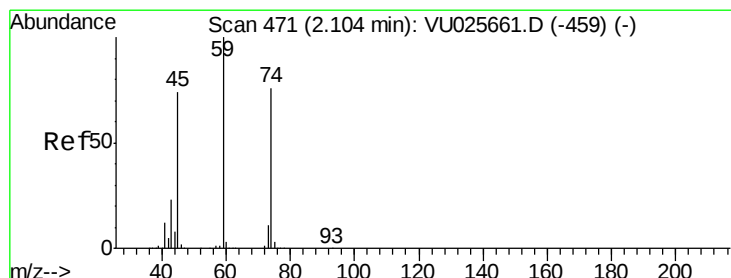
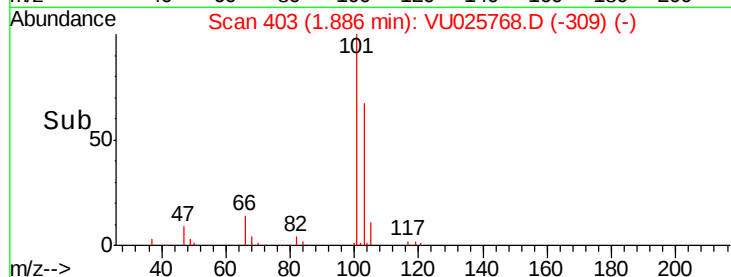
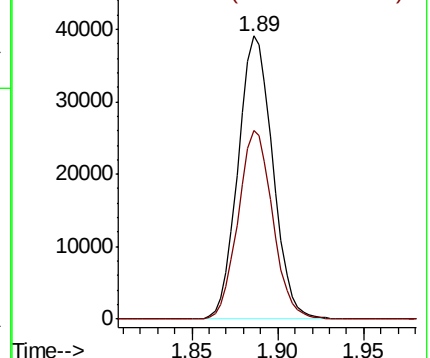
101 100

103 66.6 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.82 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025768.D

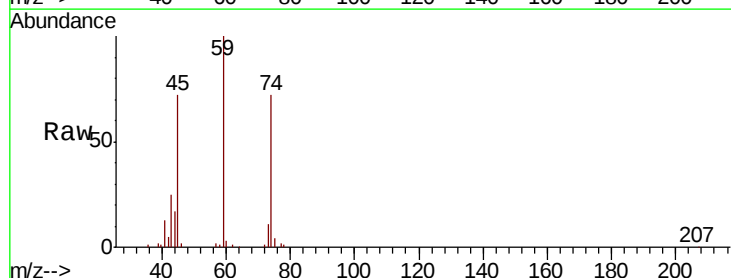
Acq: 01 Aug 2018 11:44

Tgt Ion: 74 Resp: 21435

Ion Ratio Lower Upper

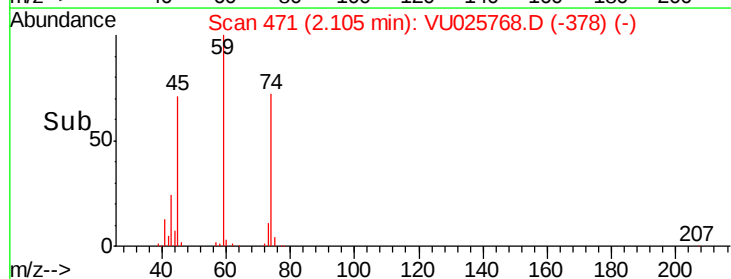
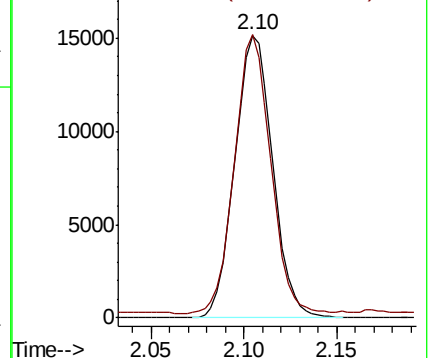
74 100

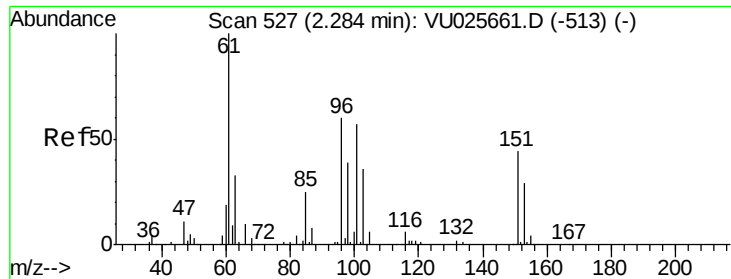
45 94.3 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.20 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

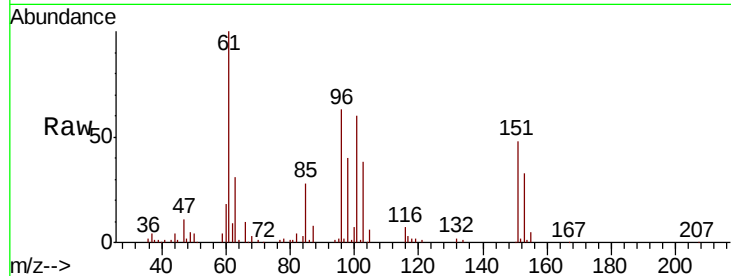
Tot Ion:101 Resp: 33137

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

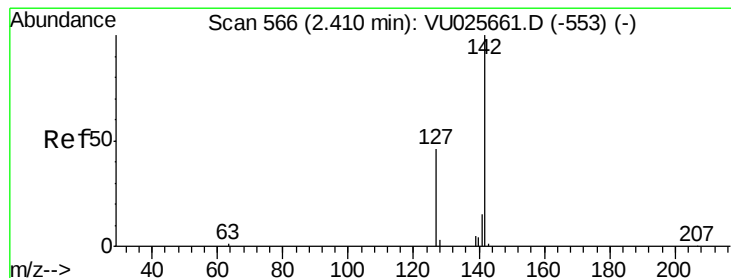
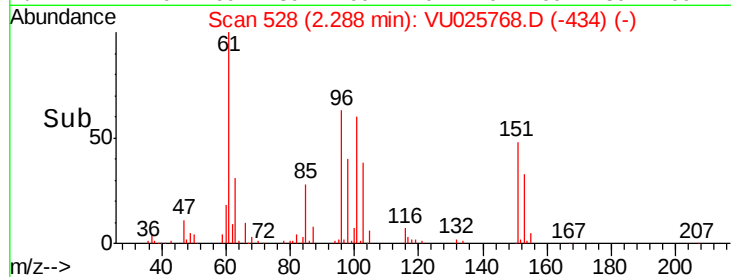
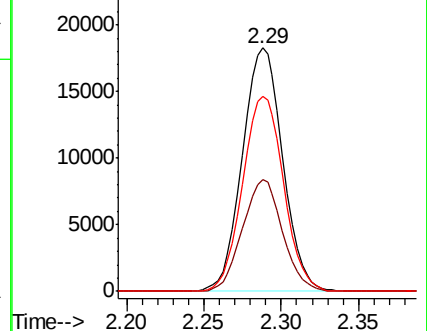
151 81.2 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.04 ug/l

RT: 2.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

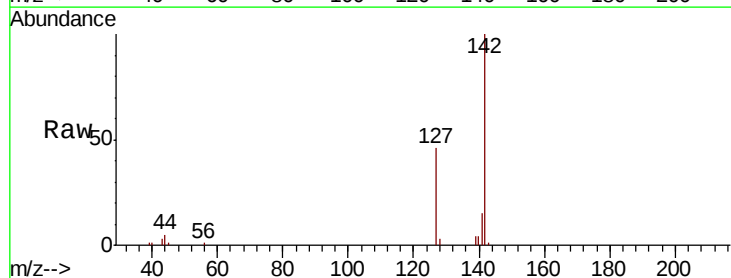
Tgt Ion:142 Resp: 25520

Ion Ratio Lower Upper

142 100

127 45.5 36.5 54.7

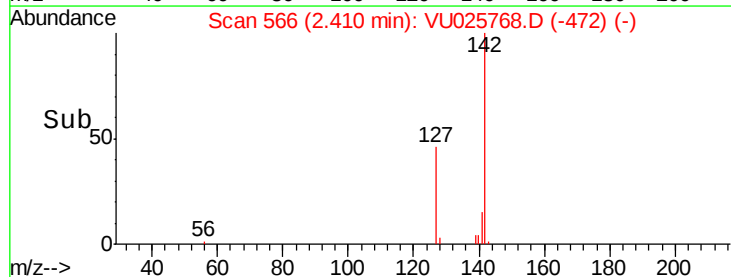
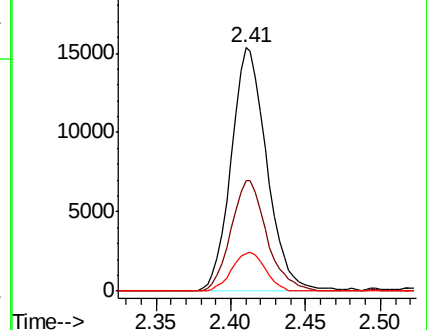
141 14.9 11.4 17.2

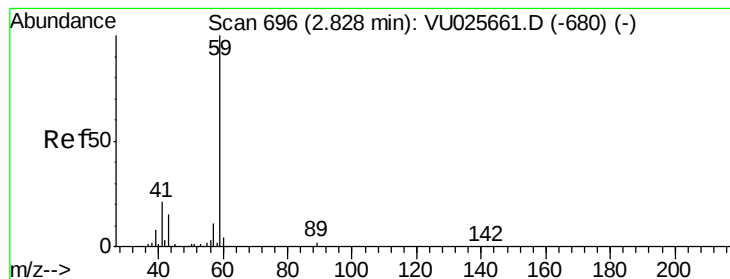


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



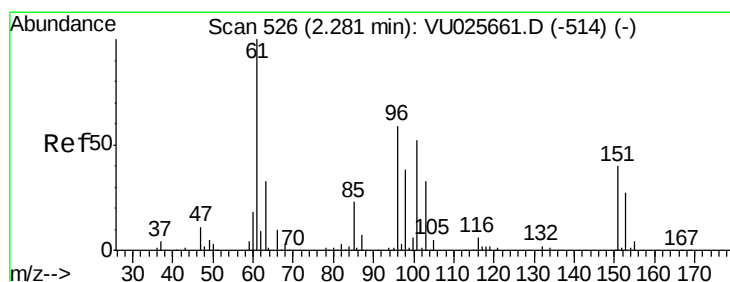
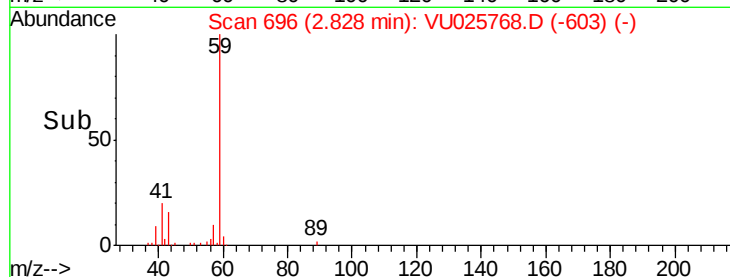
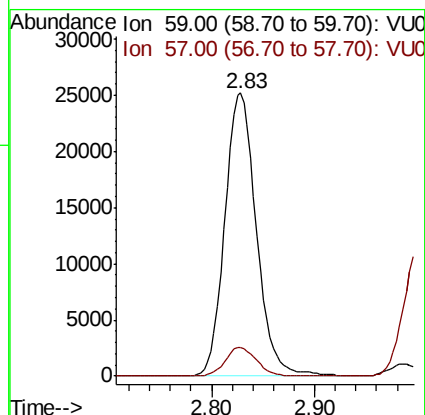
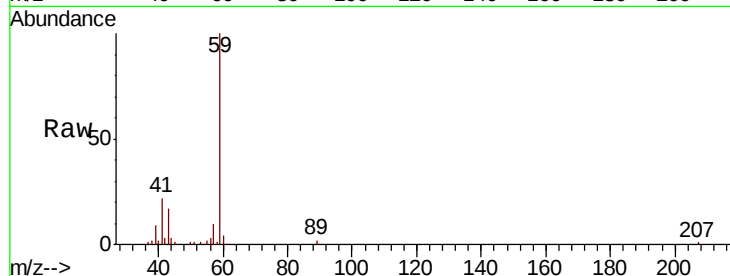


#11

Tert butyl alcohol
 Concen: 98.11 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

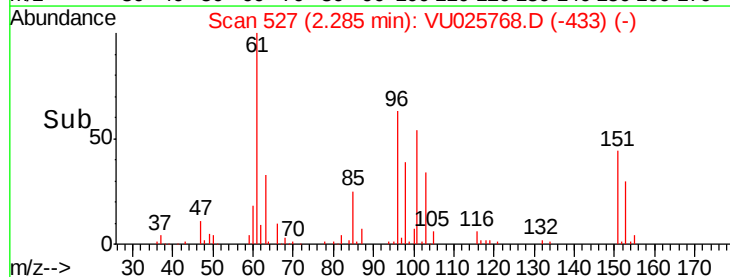
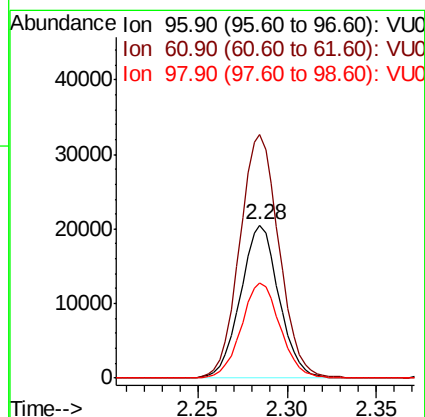
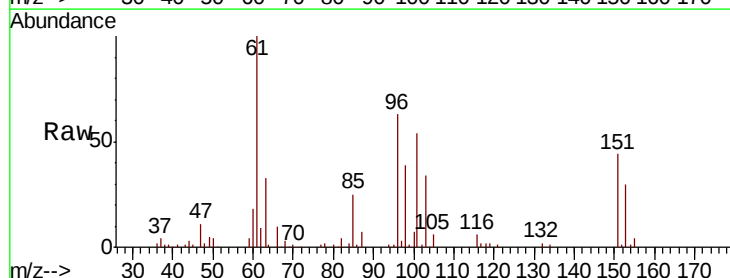
Tot Ion: 59 Resp: 53583
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

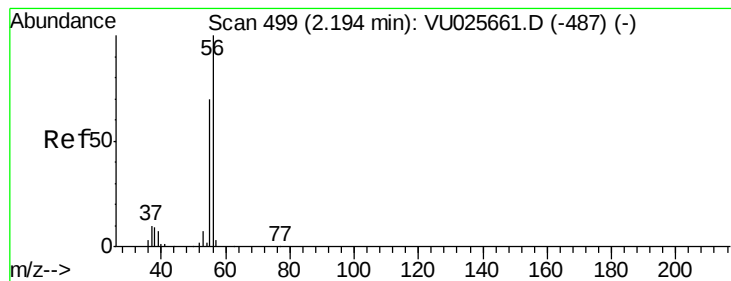


#12

1,1-Dichloroethene
 Concen: 17.99 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Tgt Ion: 96 Resp: 30918
 Ion Ratio Lower Upper
 96 100
 61 158.9 140.2 210.4
 98 62.4 49.3 73.9





#13

Acrolein

Concen: 116.15 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

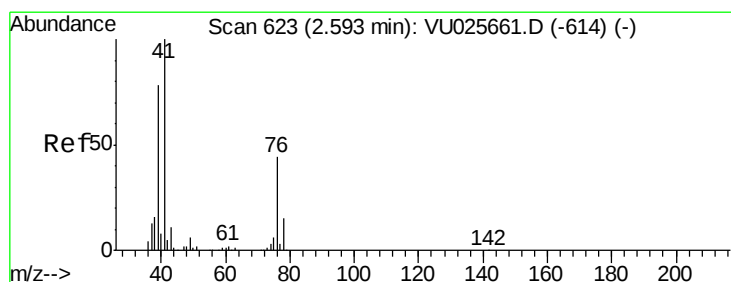
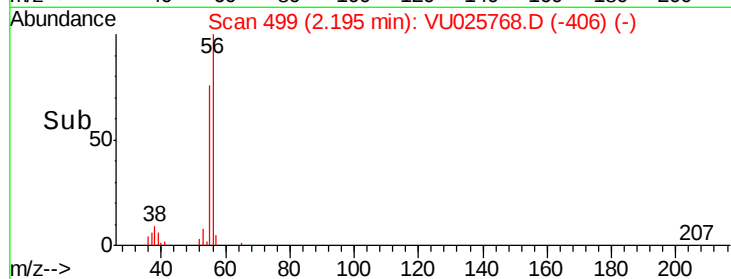
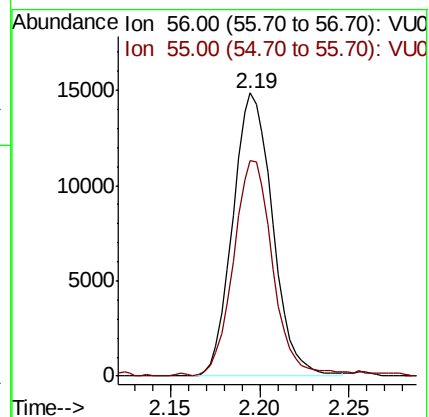
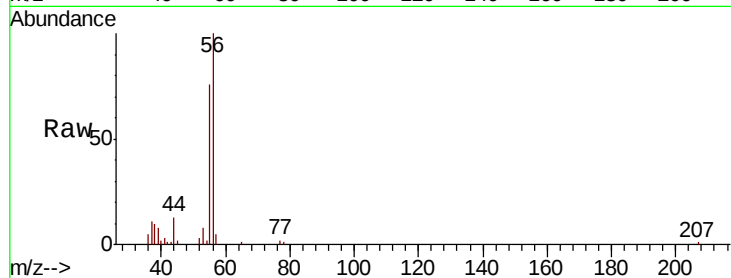
VU0801WBSD03

Tot Ion: 56 Resp: 23190

Ion Ratio Lower Upper

56 100

55 75.2 57.2 85.8



#14

Allyl chloride

Concen: 17.28 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

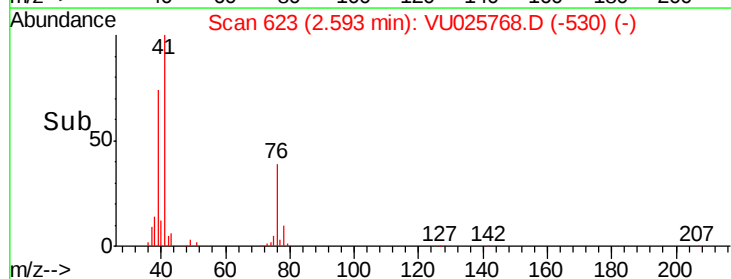
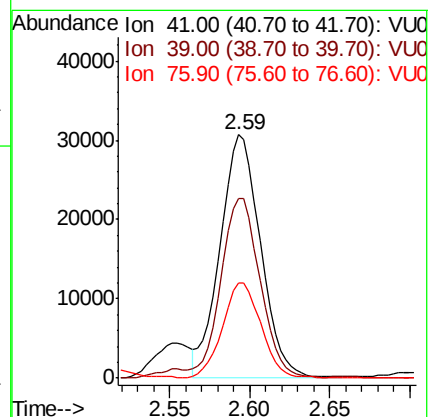
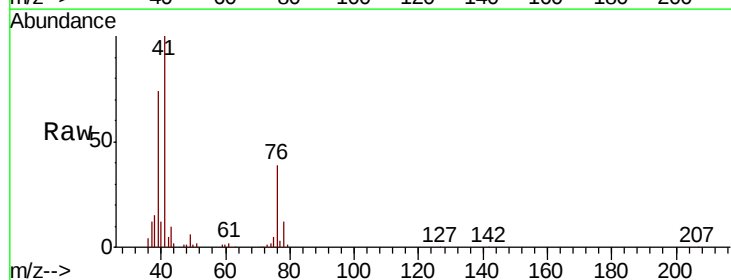
Tgt Ion: 41 Resp: 53389

Ion Ratio Lower Upper

41 100

39 71.1 60.6 91.0

76 37.3 30.5 45.7





#15

Acrylonitrile

Concen: 98.99 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

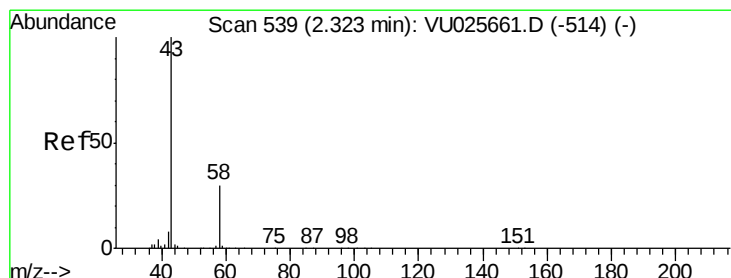
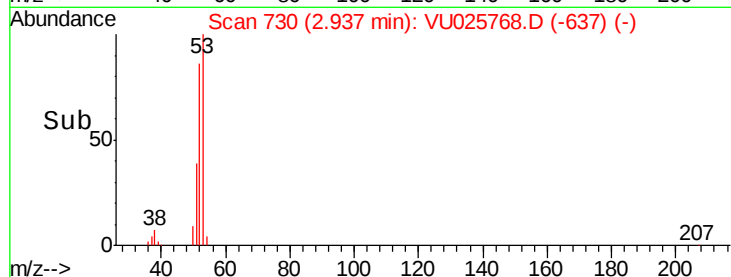
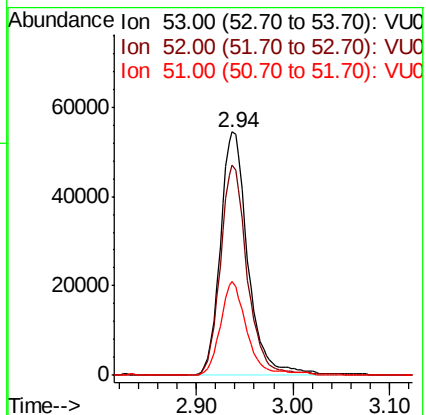
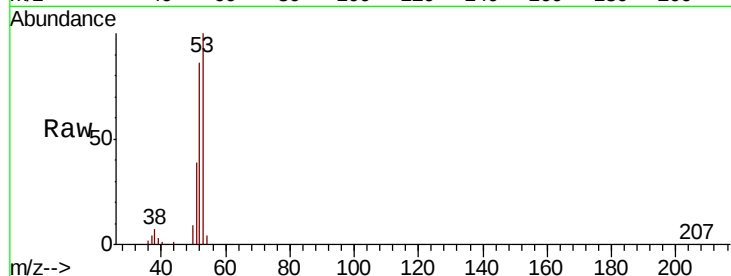
Tot Ion: 53 Resp: 107944

Ion Ratio Lower Upper

53 100

52 83.1 66.6 99.8

51 36.4 29.4 44.2



#16

Acetone

Concen: 90.76 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025768.D

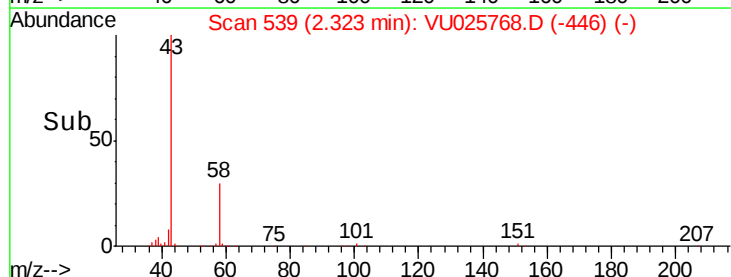
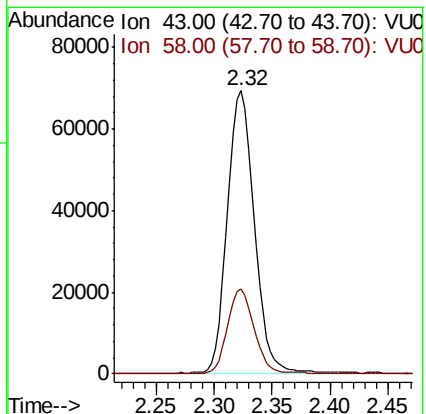
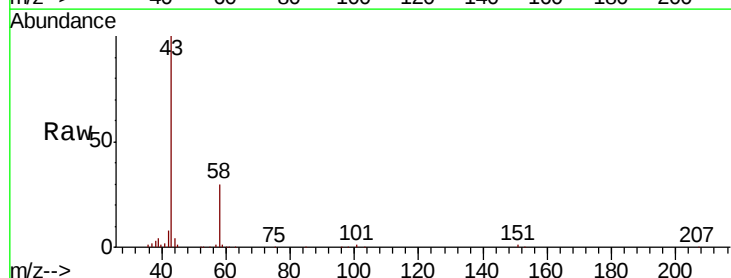
Acq: 01 Aug 2018 11:44

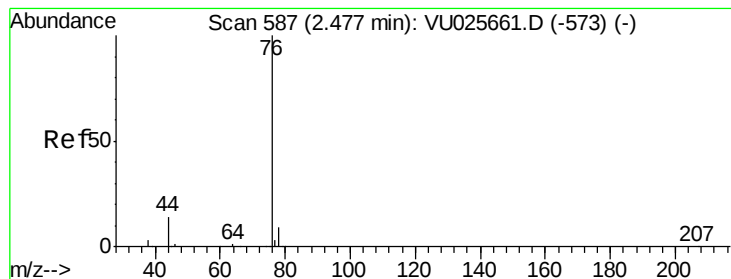
Tgt Ion: 43 Resp: 110384

Ion Ratio Lower Upper

43 100

58 30.2 23.1 34.7





#17

Carbon Disulfide

Concen: 16.67 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

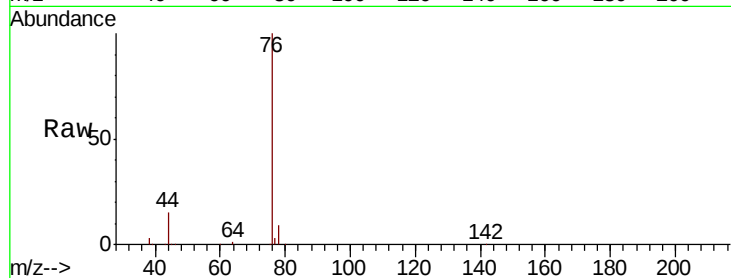
VU0801WBSD03

Tot Ion: 76 Resp: 92770

Ion Ratio Lower Upper

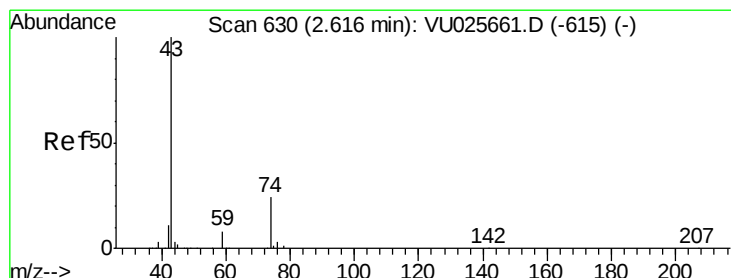
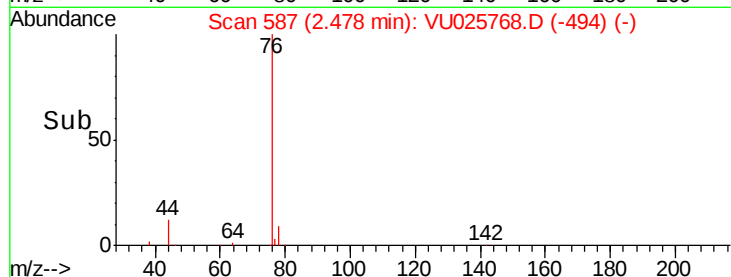
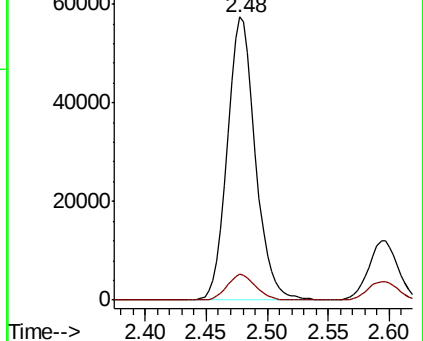
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU025661.D (-573) (-)

Ion 77.90 (77.60 to 78.60): VU025661.D (-573) (-)



#18

Methyl Acetate

Concen: 23.32 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025768.D

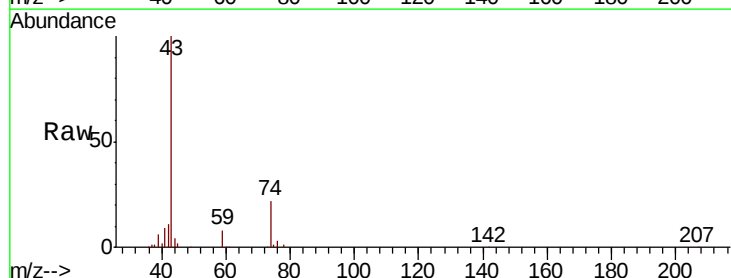
Acq: 01 Aug 2018 11:44

Tgt Ion: 43 Resp: 68264

Ion Ratio Lower Upper

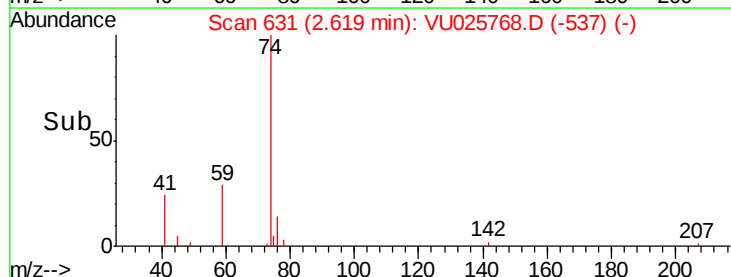
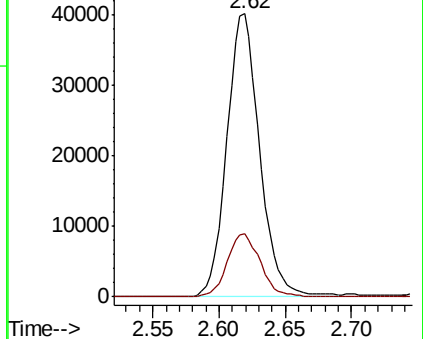
43 100

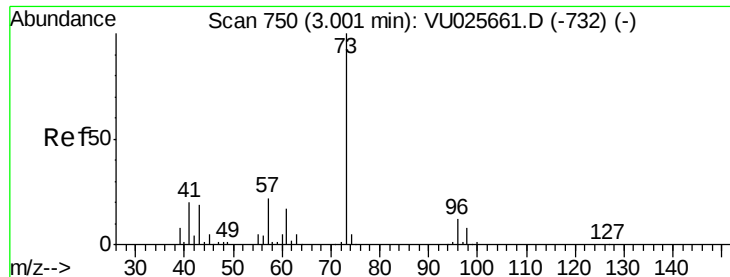
74 22.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-615) (-)

Ion 74.00 (73.70 to 74.70): VU025661.D (-615) (-)

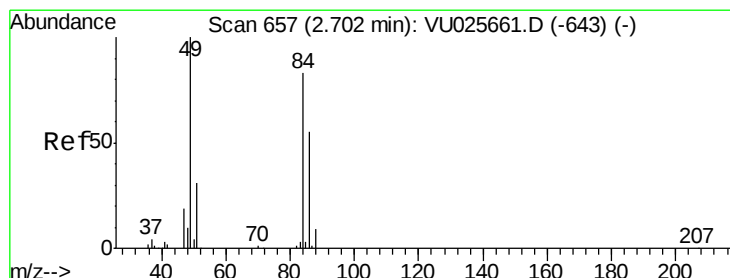
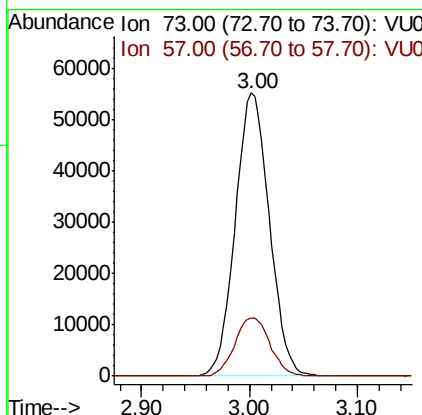
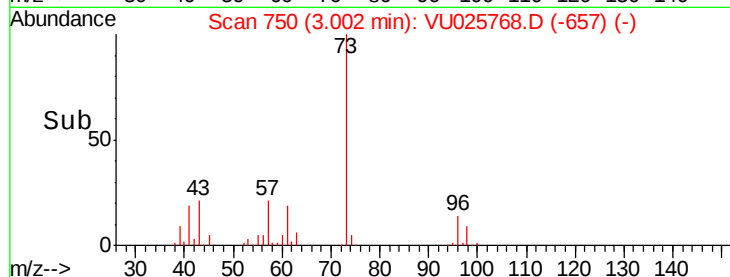
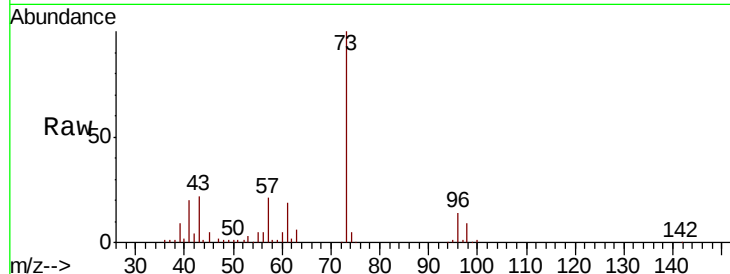




#19
Methvl tert-butvl Ether
Concen: 19.55 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

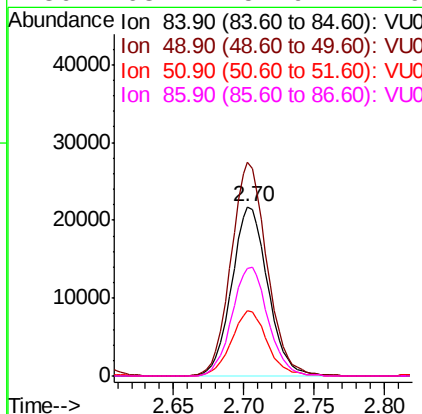
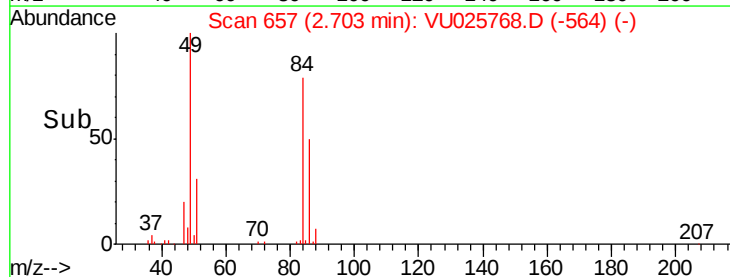
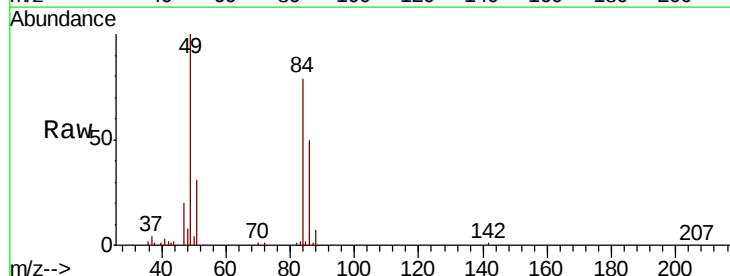
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

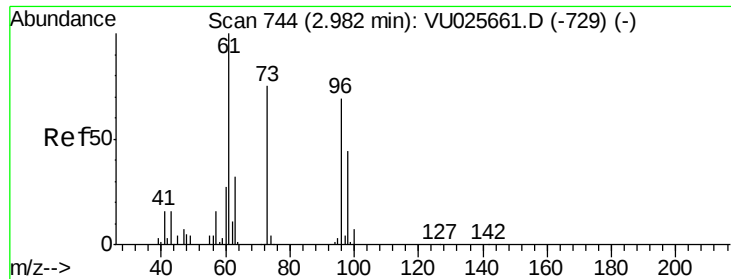
Tot Ion: 73 Resp: 121761
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.2



#20
Methylene Chloride
Concen: 18.13 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion: 84 Resp: 39083
Ion Ratio Lower Upper
84 100
49 126.2 101.8 152.6
51 38.6 30.8 46.2
86 63.7 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 17.69 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

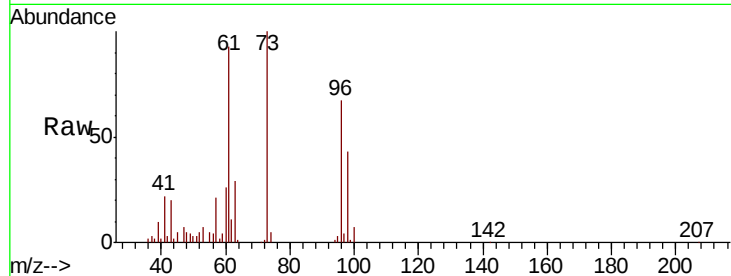
Tot Ion: 96 Resp: 35146

Ion Ratio Lower Upper

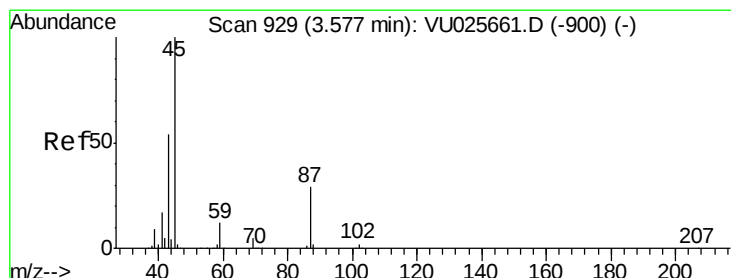
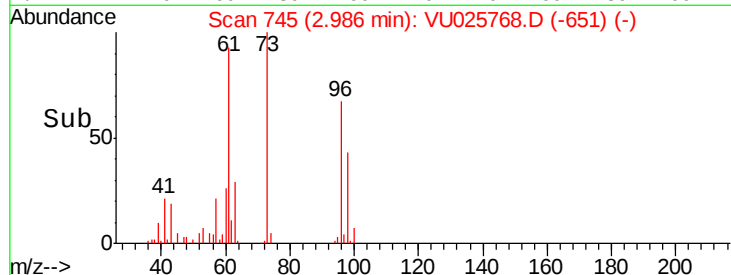
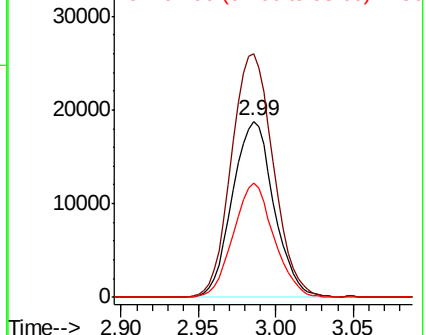
96 100

61 138.0 114.5 171.7

98 64.7 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 19.34 ug/l

RT: 3.58 min Scan# 929

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Tgt Ion: 45 Resp: 117766

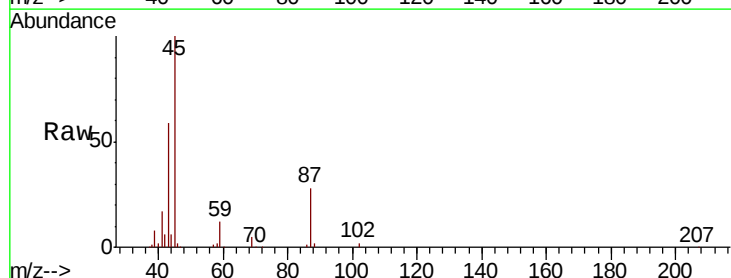
Ion Ratio Lower Upper

45 100

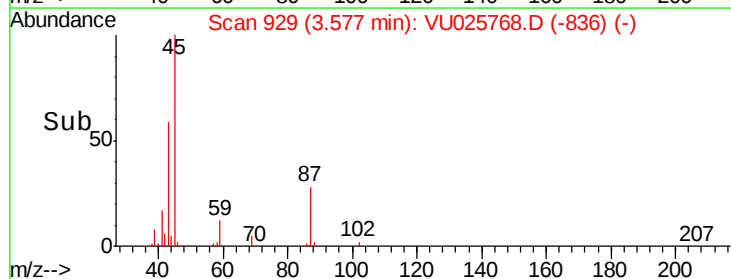
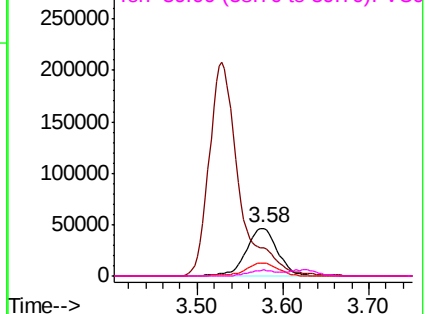
43 57.0 50.9 76.3

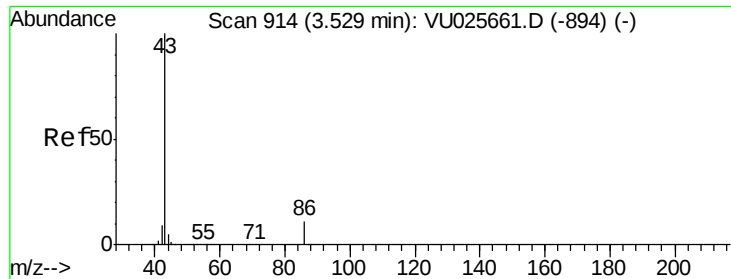
87 27.9 23.8 35.8

59 12.4 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 95.44 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

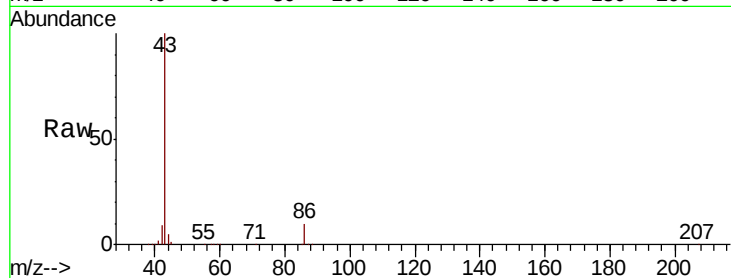
VU0801WBSD03

Tot Ion: 43 Resp: 506339

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU025768.D (-894) (-)

Ion 86.00 (85.70 to 86.70): VU025768.D (-894) (-)

3.53

200000

150000

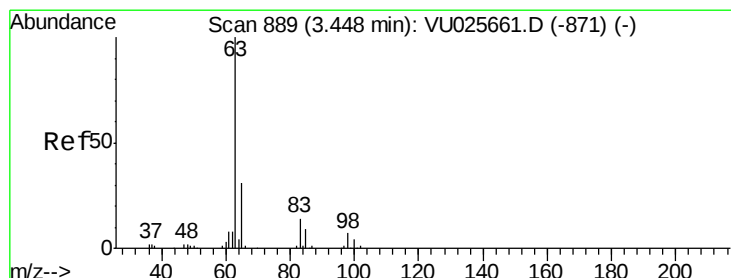
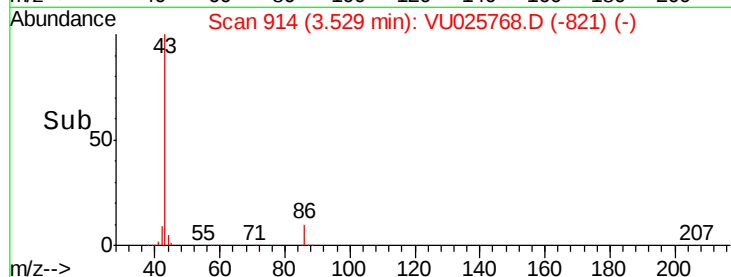
100000

50000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 18.46 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

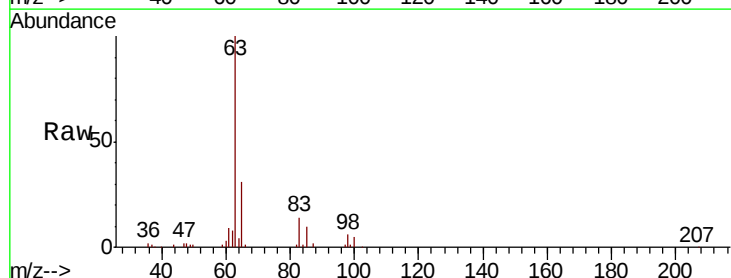
Tgt Ion: 63 Resp: 67458

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU025768.D (-871) (-)

Ion 97.90 (97.60 to 98.60): VU025768.D (-871) (-)

Ion 99.90 (99.60 to 100.60): VU025768.D (-871) (-)

3.45

40000

30000

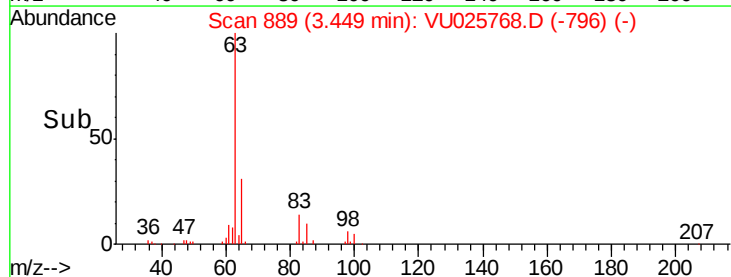
20000

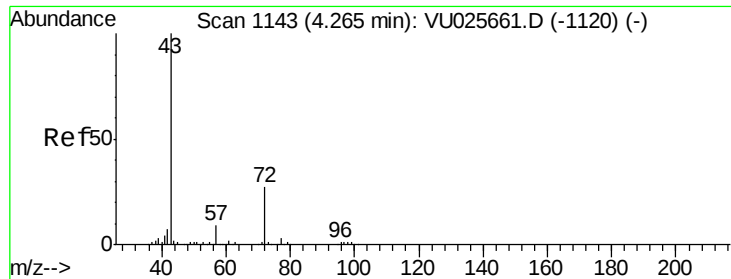
10000

0

3.35 3.40 3.45 3.50 3.55

Time-->

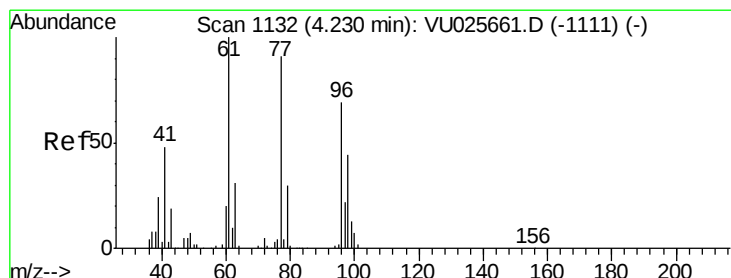
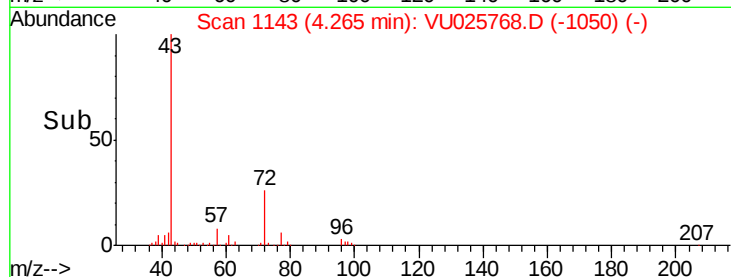
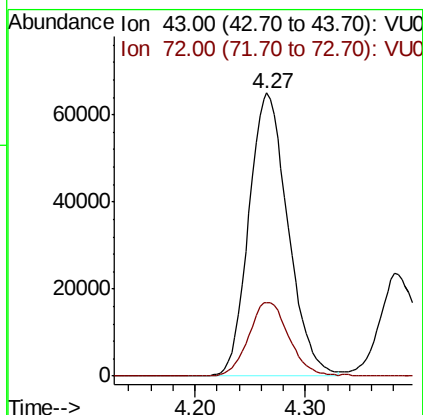
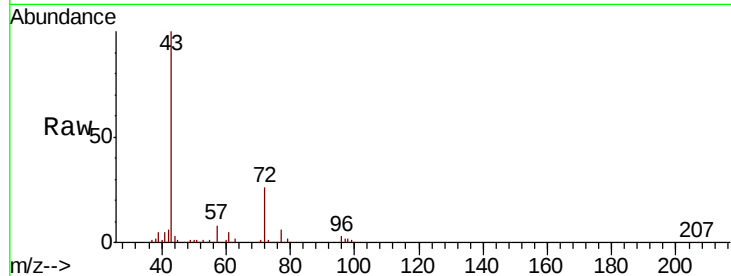




#25
2-Butanone
Concen: 95.97 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

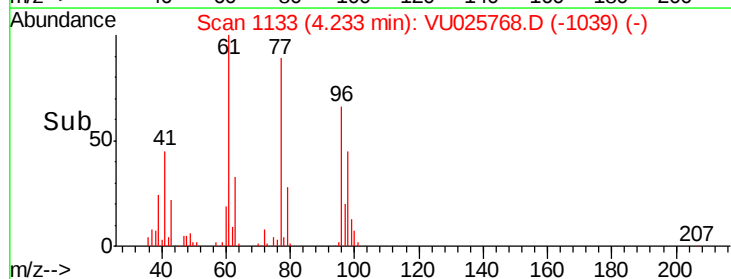
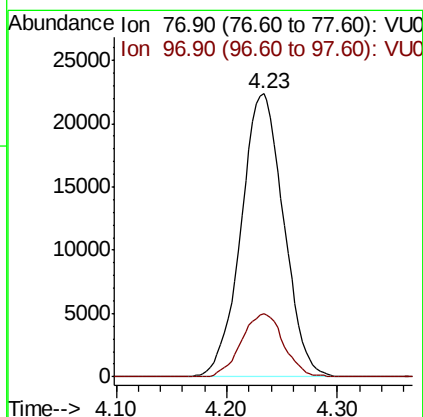
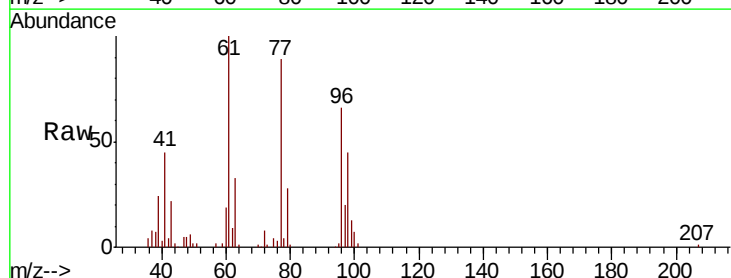
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

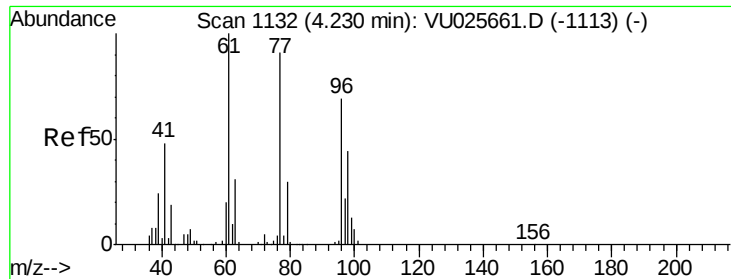
Tot Ion: 43 Resp: 158890
Ion Ratio Lower Upper
43 100
72 26.2 21.0 31.4



#26
2,2-Dichloropropane
Concen: 18.03 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion: 77 Resp: 59872
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 17.94 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

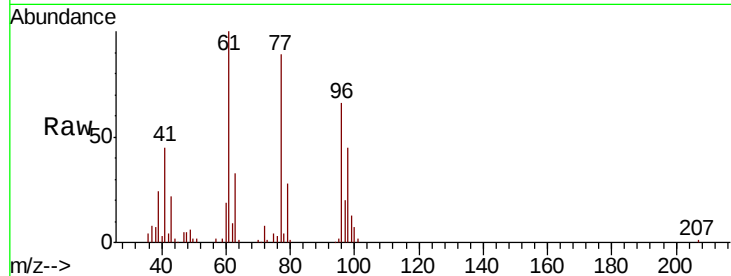
Tot Ion: 96 Resp: 40186

Ion Ratio Lower Upper

96 100

61 152.7 0.0 299.8

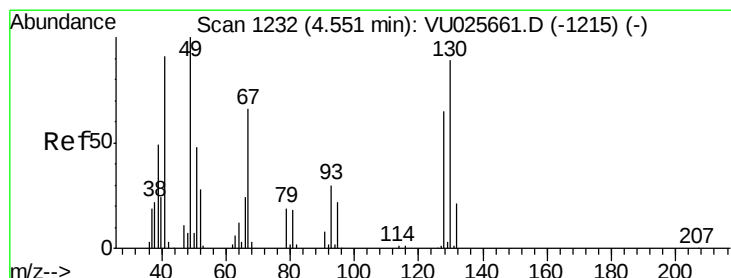
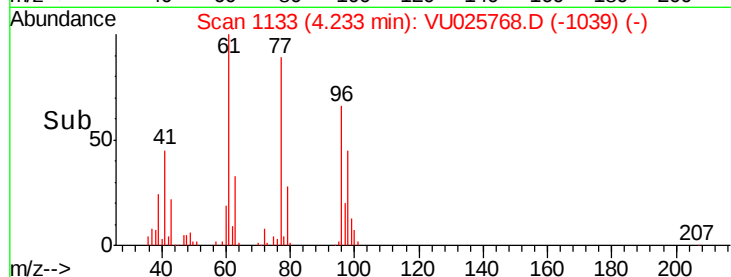
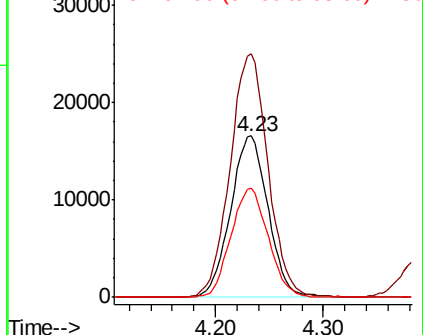
98 66.9 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 20.12 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

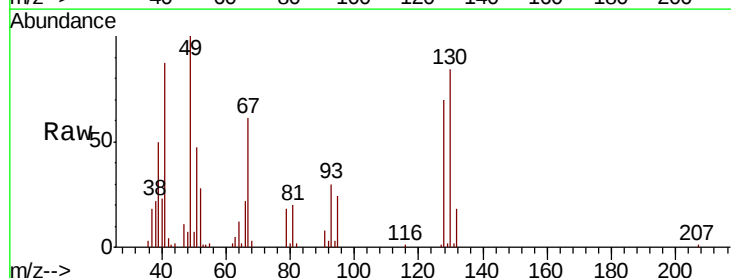
Tgt Ion: 49 Resp: 32881

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

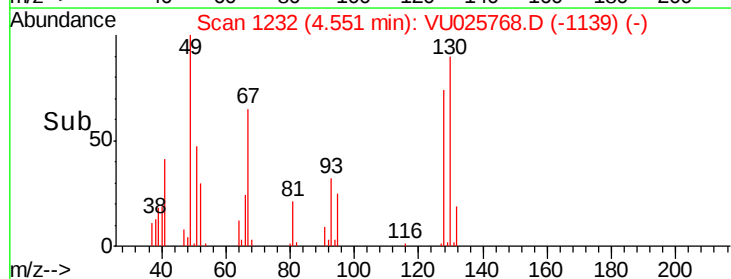
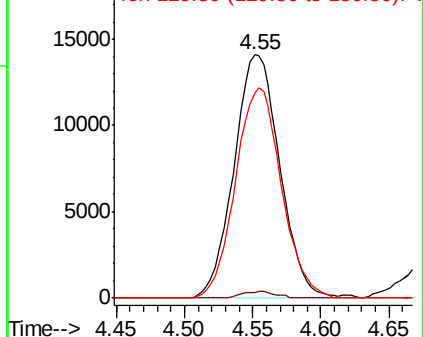
130 86.5 68.6 102.8

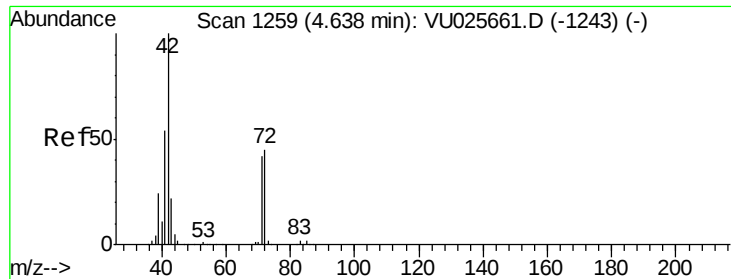


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

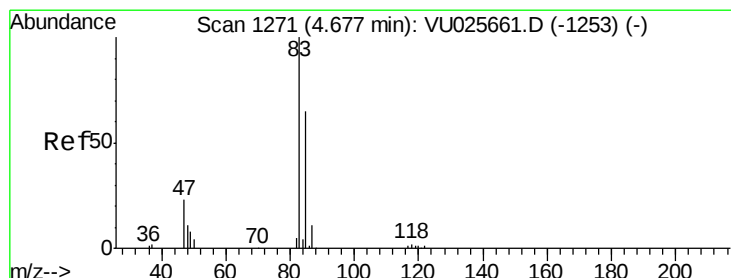
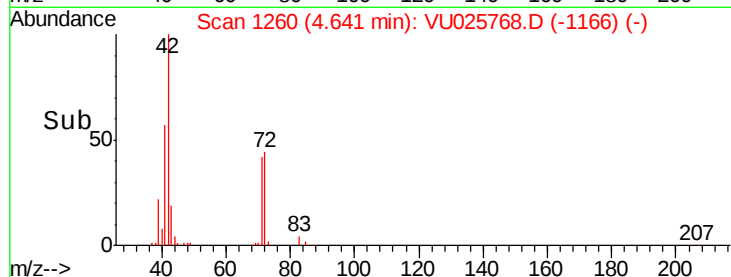
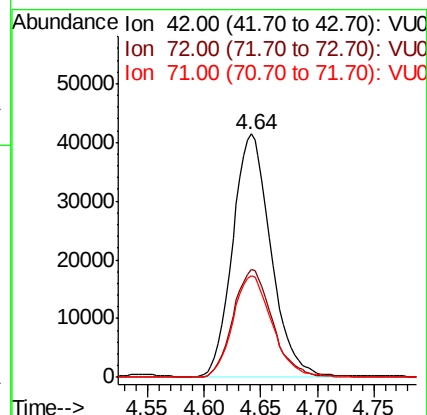
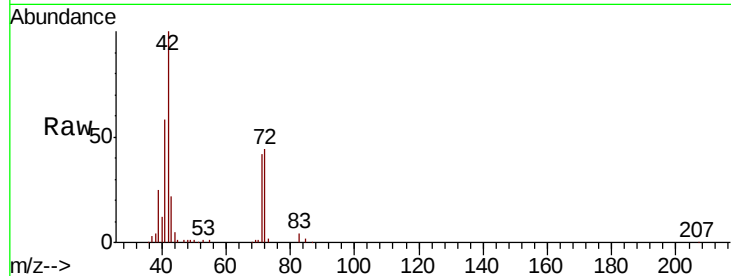




#29
Tetrahydrofuran
Concen: 98.68 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

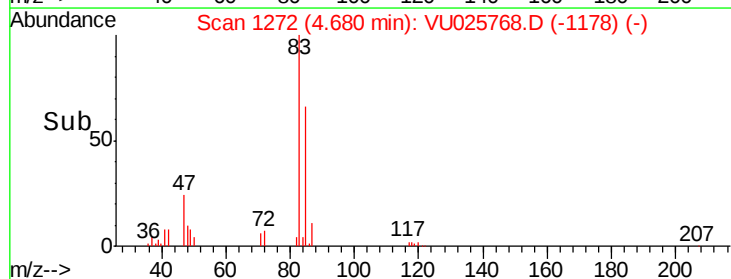
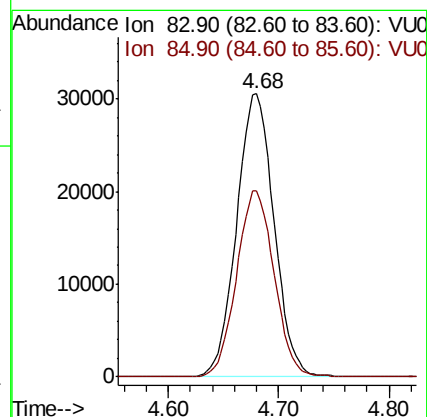
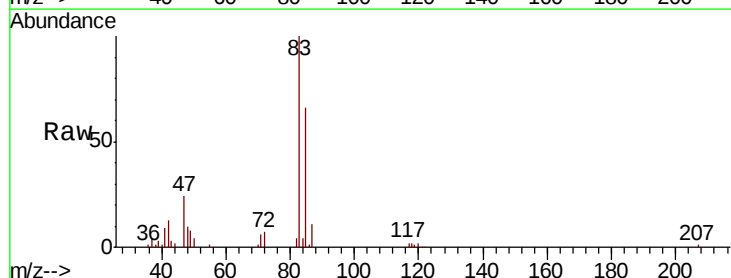
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

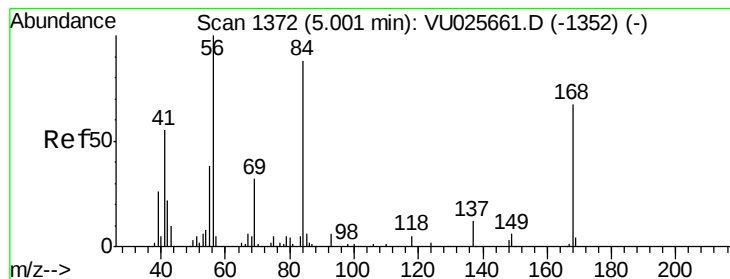
Tot Ion: 42 Resp: 97879
Ion Ratio Lower Upper
42 100
72 45.3 36.7 55.1
71 42.6 33.9 50.9



#30
Chloroform
Concen: 18.58 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion: 83 Resp: 71677
Ion Ratio Lower Upper
83 100
85 65.8 51.5 77.3





#31

Cyclohexane

Concen: 16.74 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

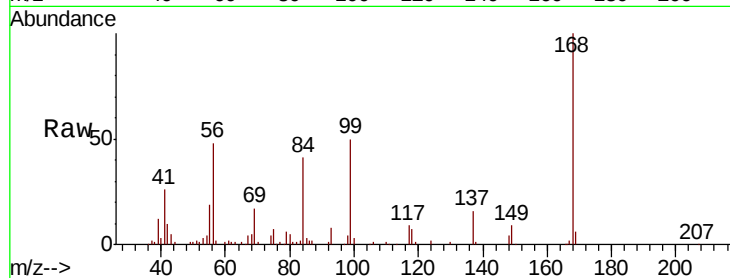
Tot Ion: 56 Resp: 56076

Ion Ratio Lower Upper

56 100

69 35.2 26.8 40.2

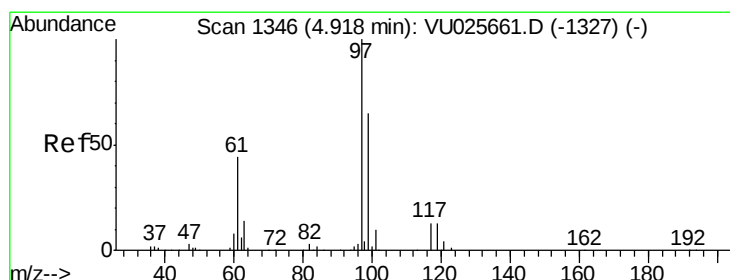
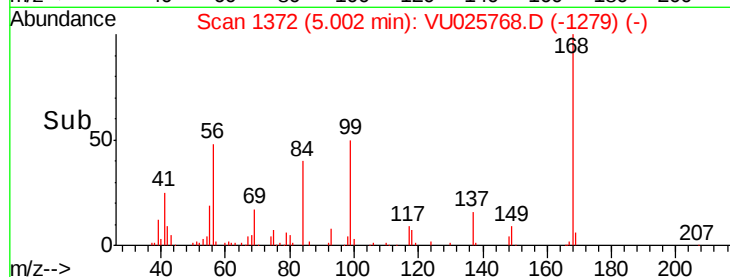
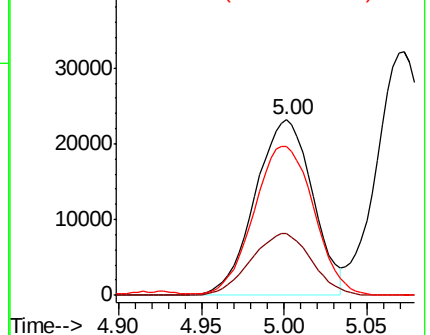
84 84.4 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 18.29 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

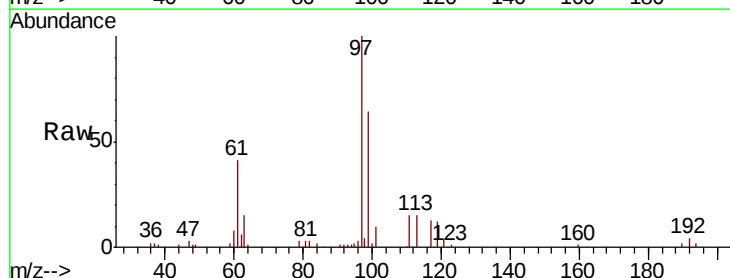
Tgt Ion: 97 Resp: 63508

Ion Ratio Lower Upper

97 100

99 62.7 50.8 76.2

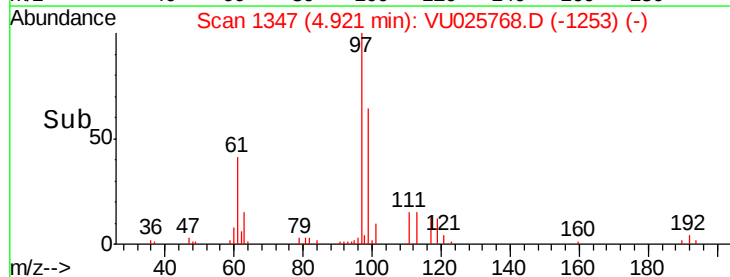
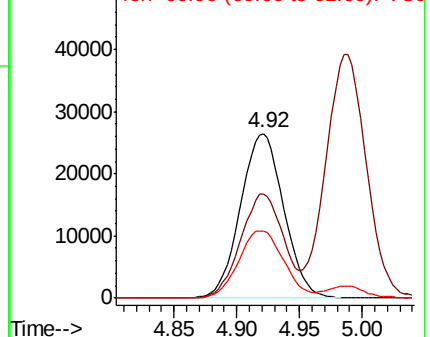
61 42.6 35.2 52.8

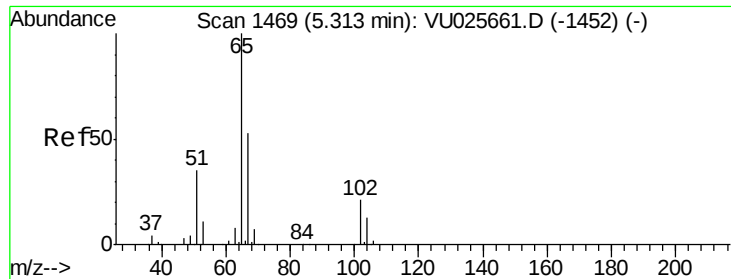


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 52.27 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

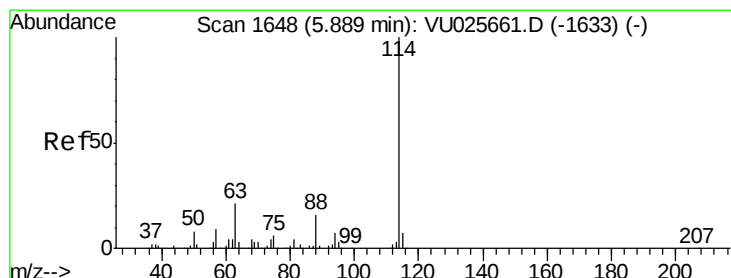
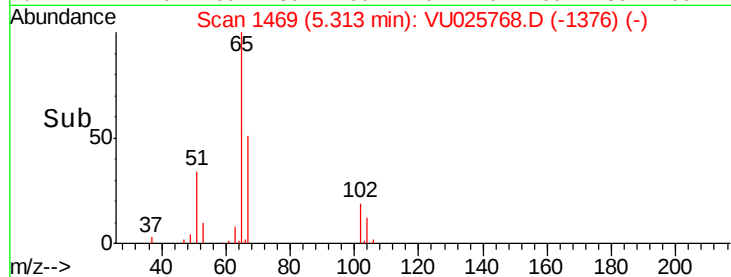
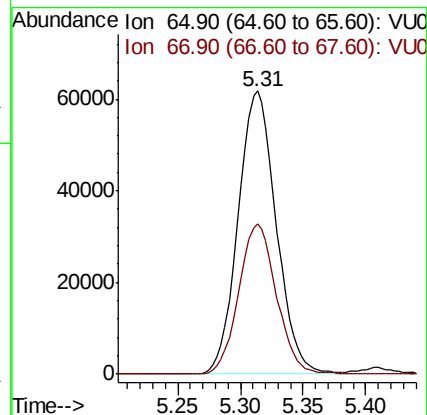
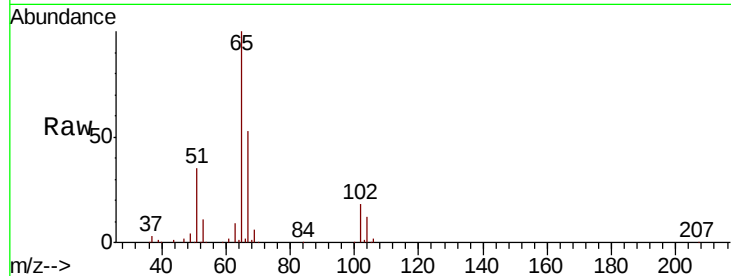
VU0801WBSD03

Tot Ion: 65 Resp: 130385

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

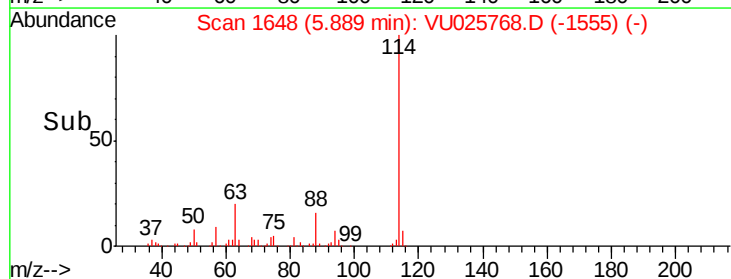
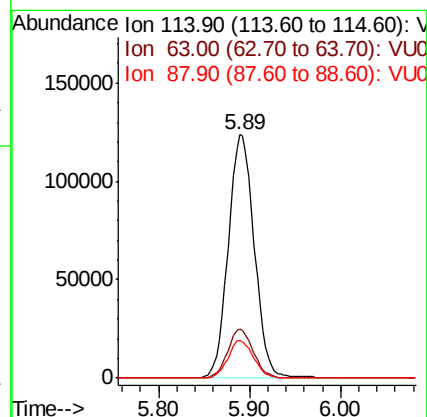
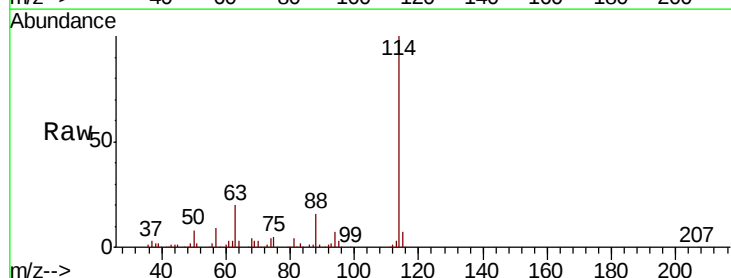
Tgt Ion: 114 Resp: 245794

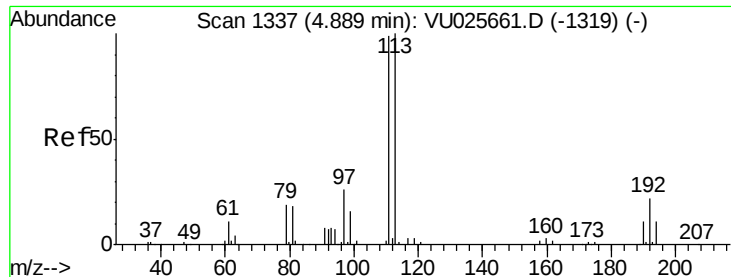
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 15.7 0.0 32.4

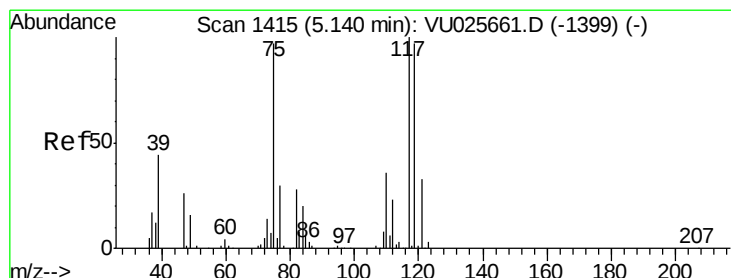
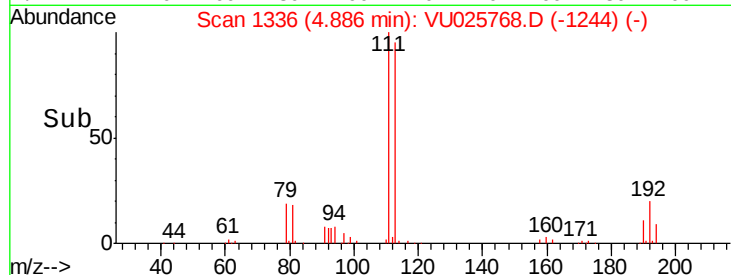
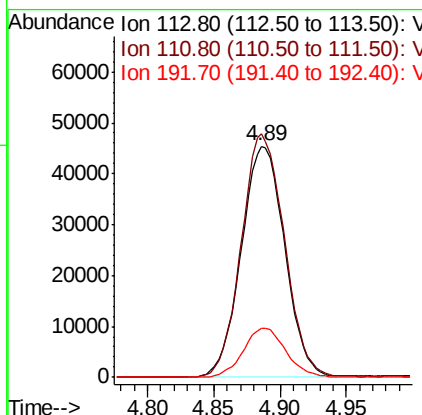
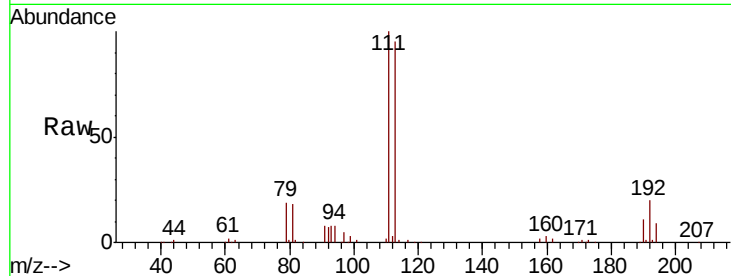




#35
 Dibromofluoromethane
 Concen: 48.60 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

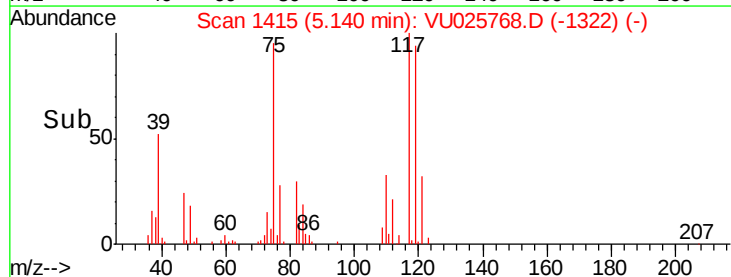
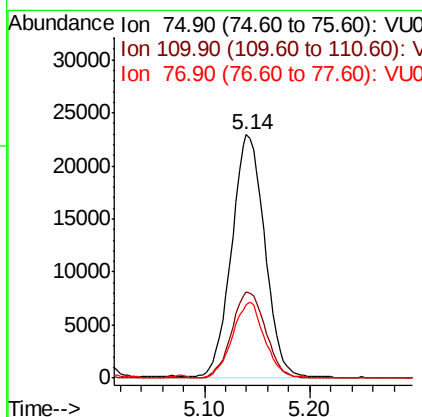
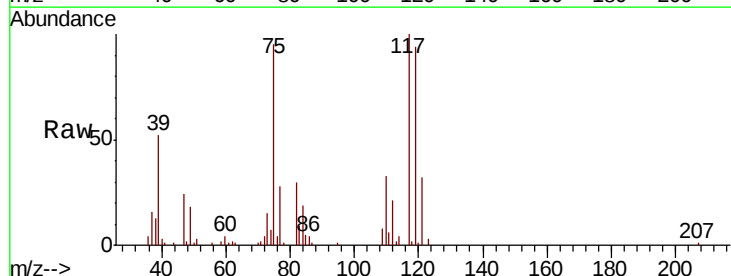
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

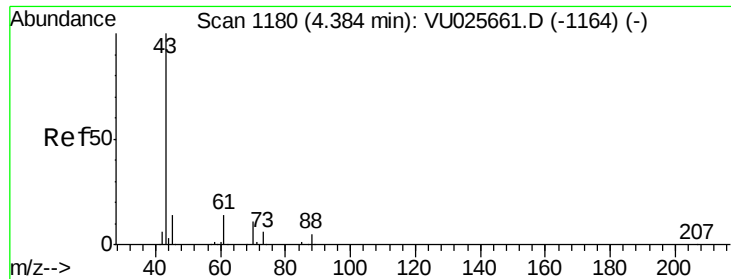
Tot Ion:113 Resp: 103899
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.7 122.5
 192 20.7 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 17.52 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Tgt Ion: 75 Resp: 50320
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.6 52.9
 77 30.1 24.4 36.6

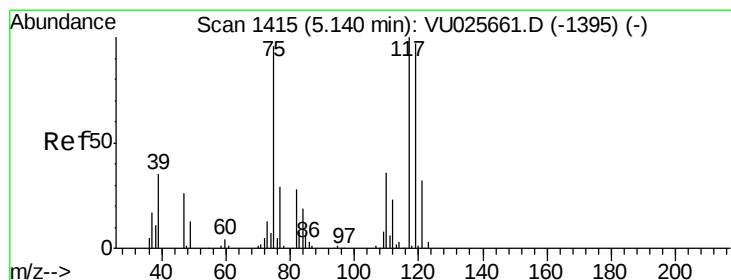
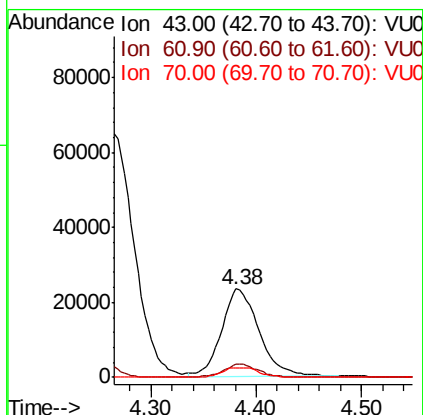
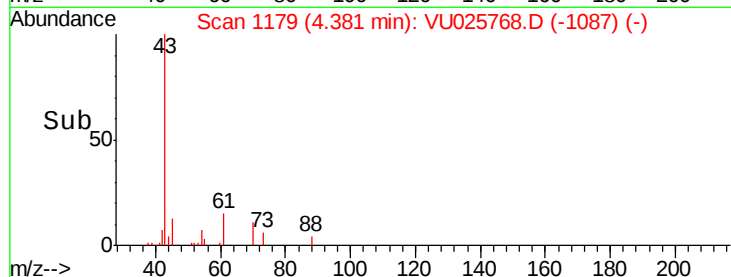
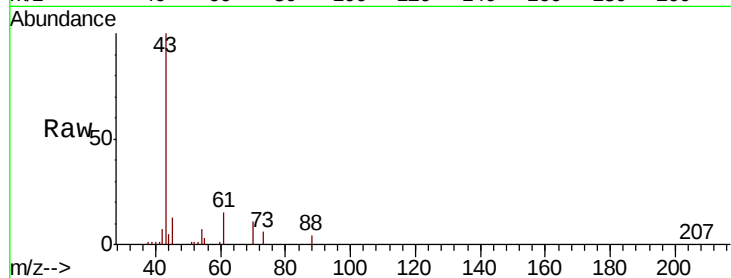




#37
Ethyl Acetate
Concen: 19.19 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

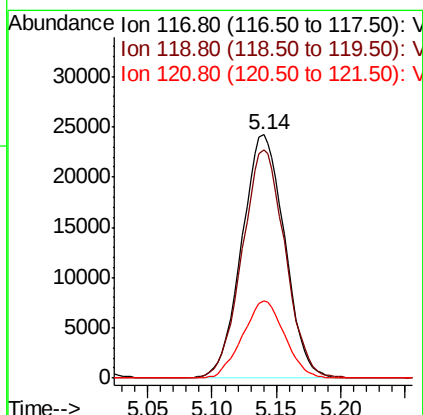
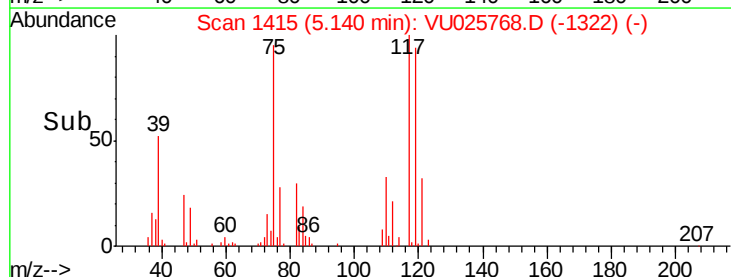
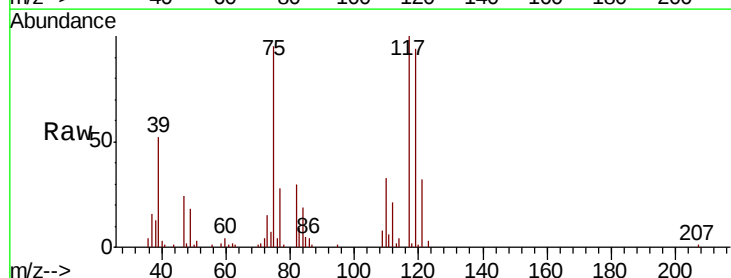
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

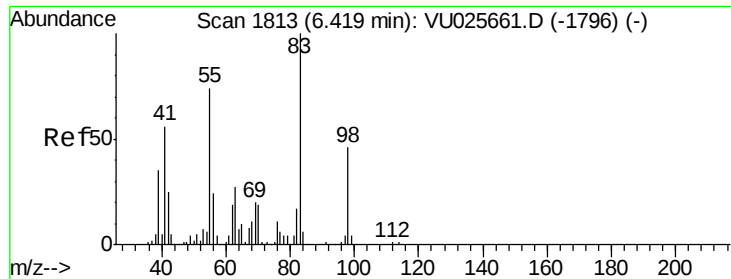
Tot Ion: 43 Resp: 57144
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 11.0 8.4 12.6



#38
Carbon Tetrachloride
Concen: 17.24 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion: 117 Resp: 56076
Ion Ratio Lower Upper
117 100
119 94.0 75.7 113.5
121 31.8 24.6 36.8

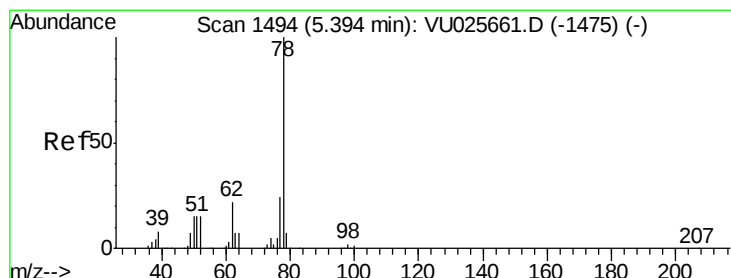
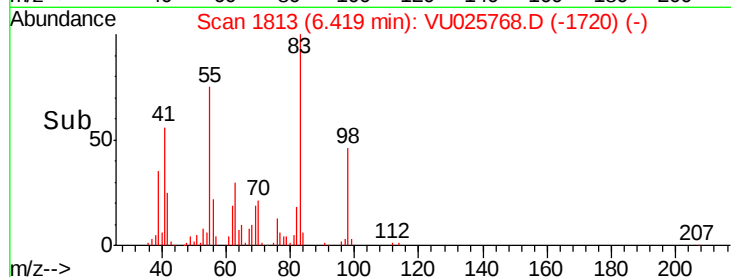
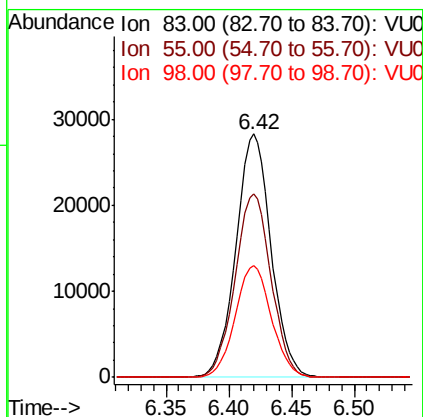
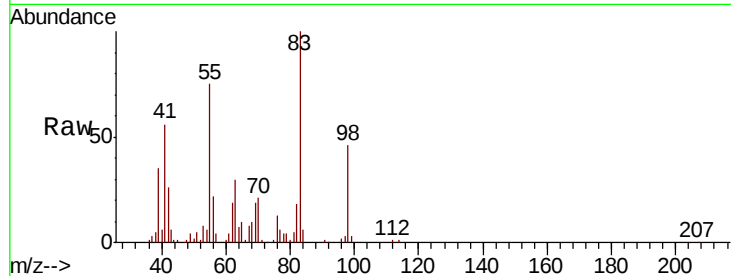




#39
Methvlcvclohexane
Concen: 16.76 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

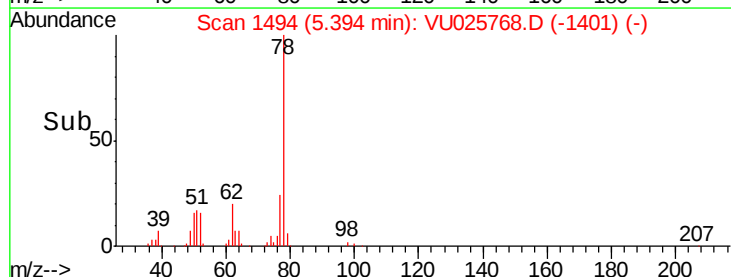
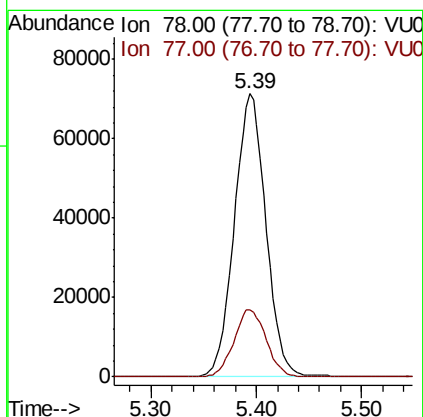
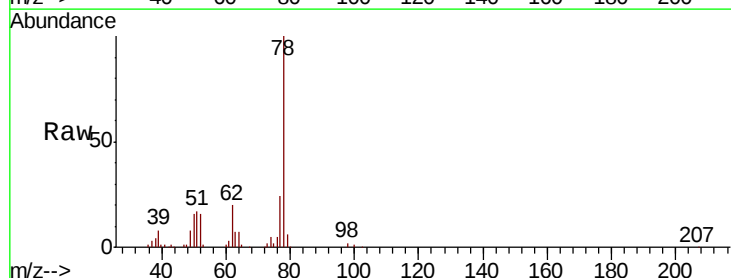
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

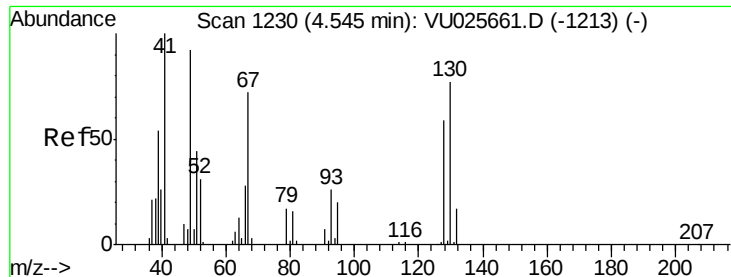
Tot Ion: 83 Resp: 55169
Ion Ratio Lower Upper
83 100
55 75.5 60.0 90.0
98 45.7 36.1 54.1



#40
Benzene
Concen: 17.62 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion: 78 Resp: 147945
Ion Ratio Lower Upper
78 100
77 23.7 19.8 29.6

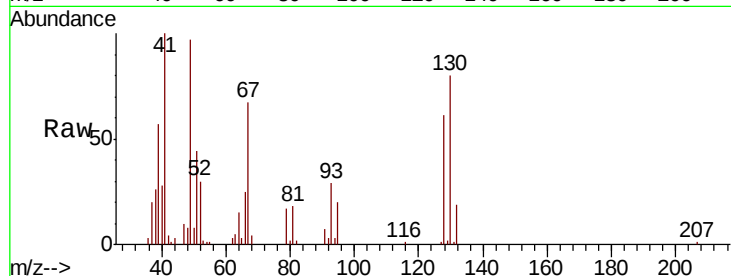




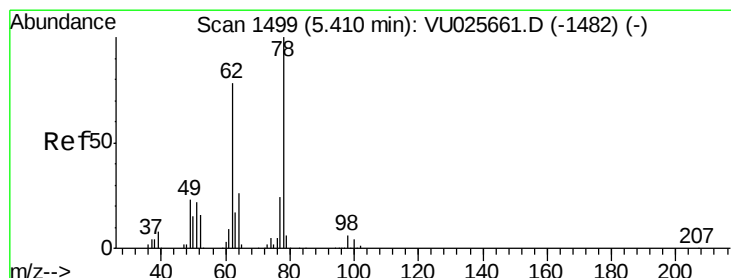
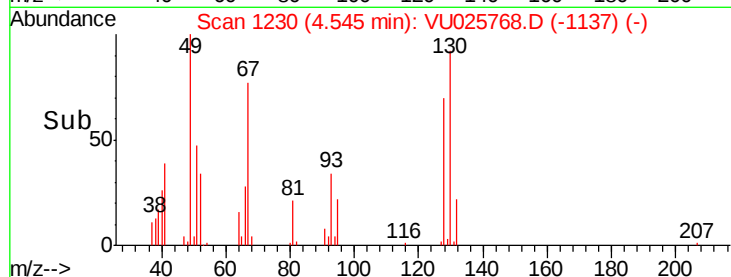
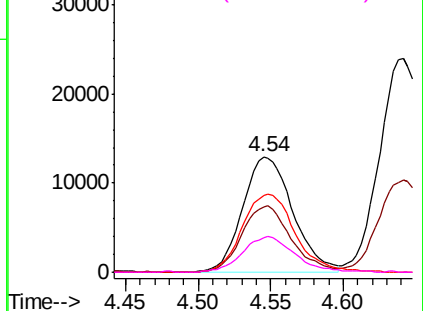
#41
Methacrylonitrile
Concen: 18.80 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

Tot Ion:	41	Resp:	31107
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.4	66.6
67	71.3	56.0	84.0
52	32.1	24.6	36.8

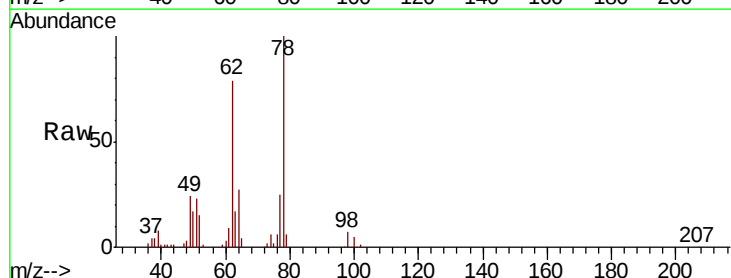


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

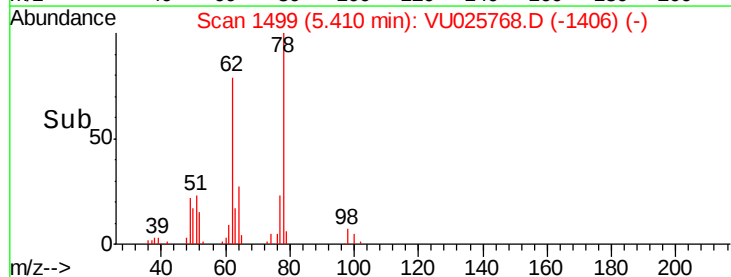
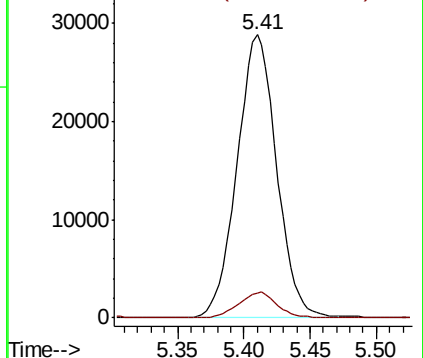


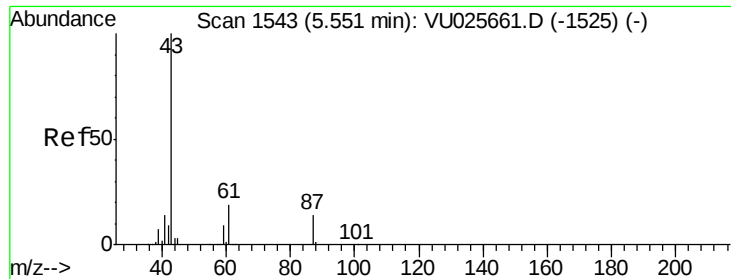
#42
1,2-Dichloroethane
Concen: 18.51 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion:	62	Resp:	59858
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



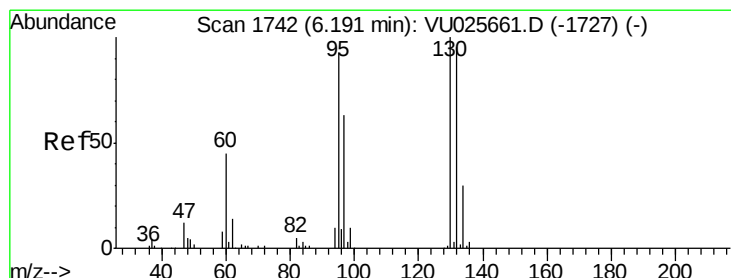
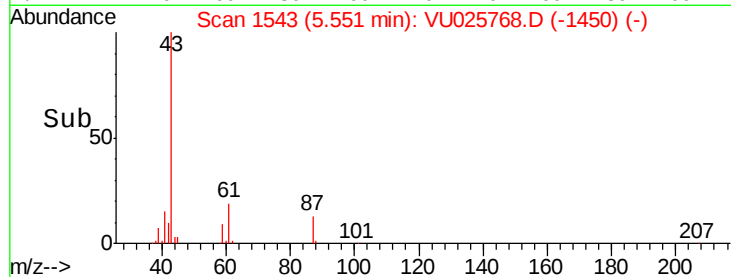
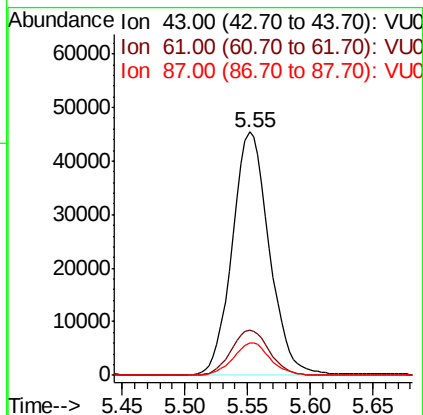
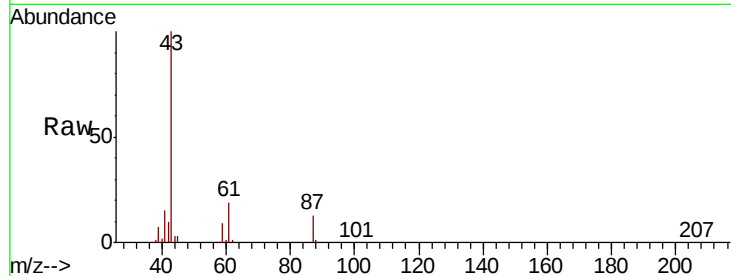


#43

Isopropyl Acetate
 Concen: 18.82 ug/l
 RT: 5.55 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

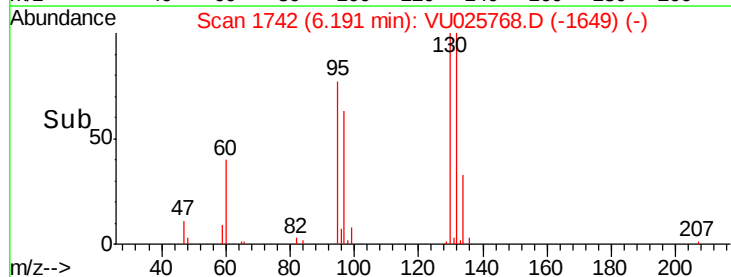
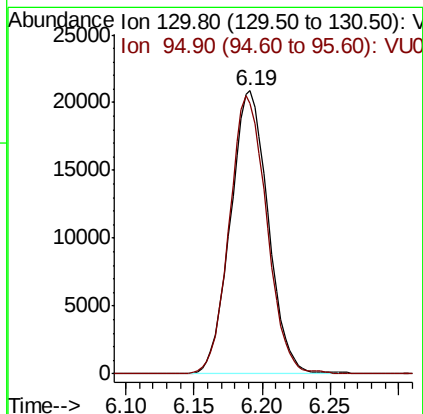
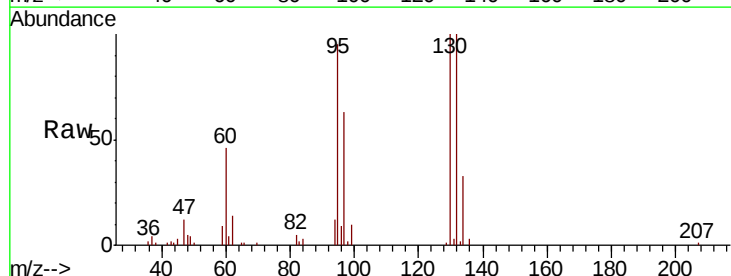
Tot Ion	43	Resp	92609
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.5	23.3
87	13.5	10.6	16.0

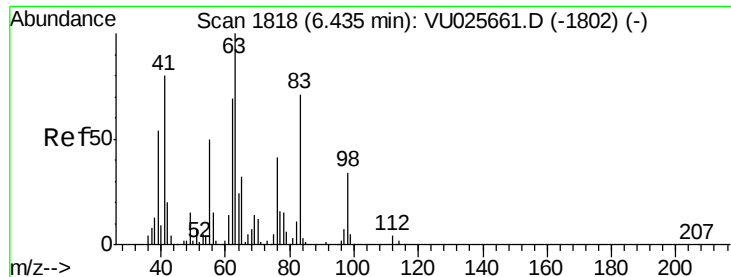


#44

Trichloroethene
 Concen: 17.15 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Tgt Ion	130	Resp	40105
Ion Ratio	Lower	Upper	
130	100		
95	95.6	0.0	192.2





#45

1,2-Dichloropropane

Concen: 18.24 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

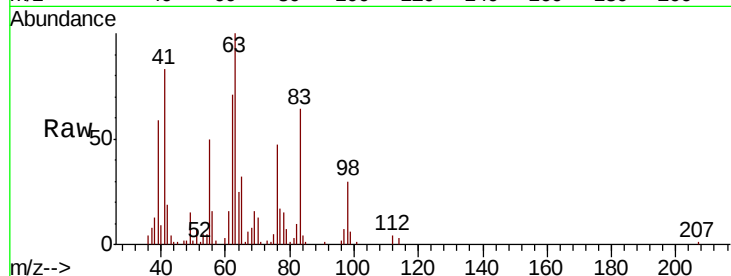
VU0801WBSD03

Tot Ion: 63 Resp: 39936

Ion Ratio Lower Upper

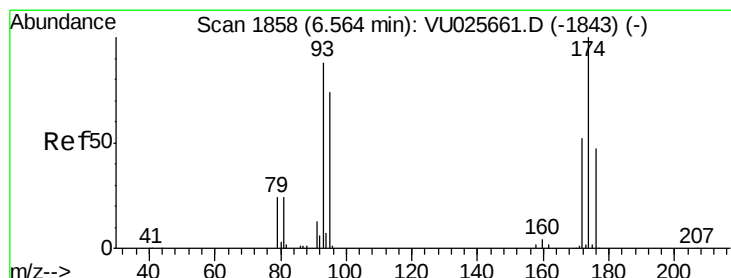
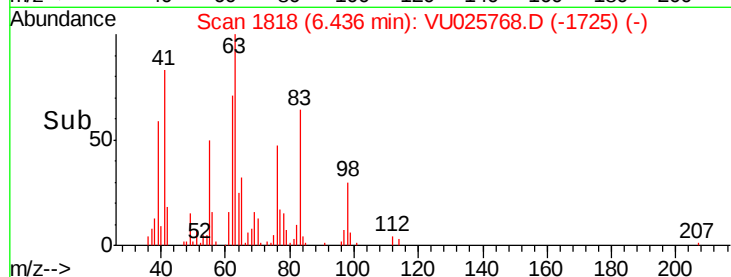
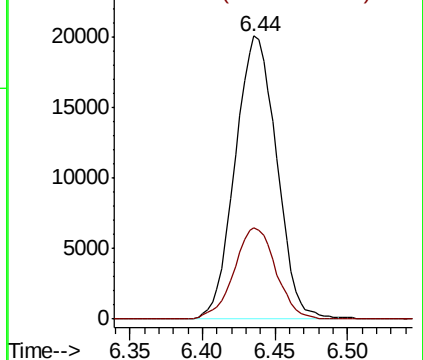
63 100

65 32.2 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 18.46 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

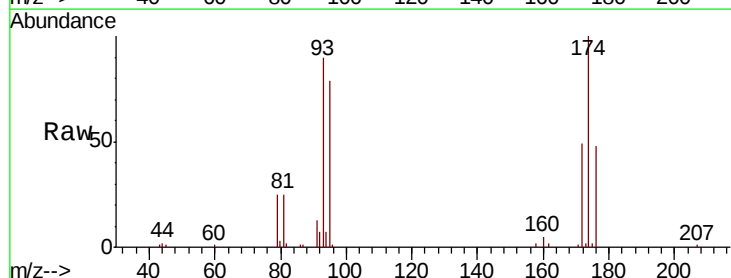
Tgt Ion: 93 Resp: 29298

Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

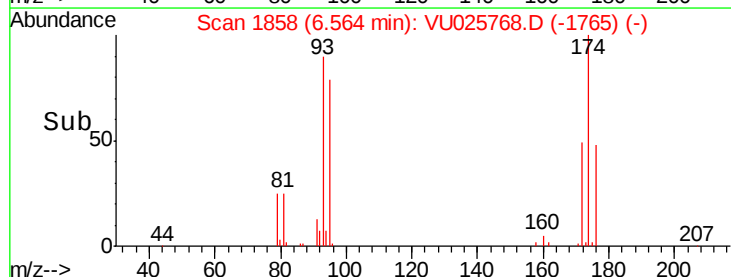
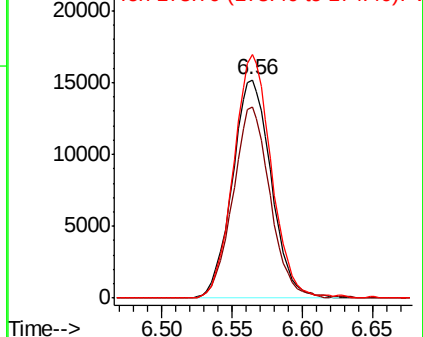
174 108.2 85.8 128.8

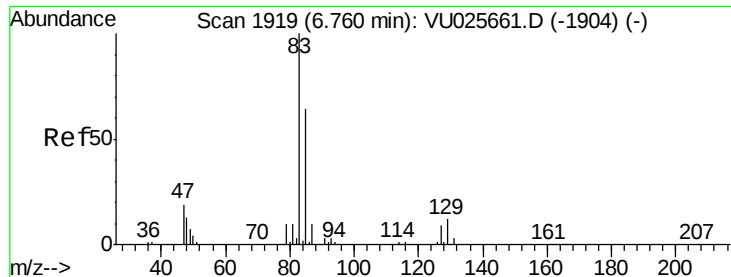


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.22 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

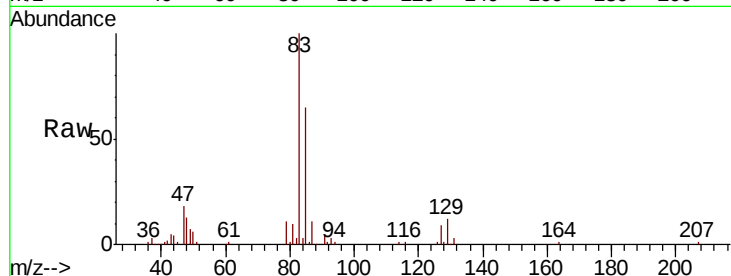
Tot Ion: 83 Resp: 55132

Ion Ratio Lower Upper

83 100

85 64.6 50.2 75.4

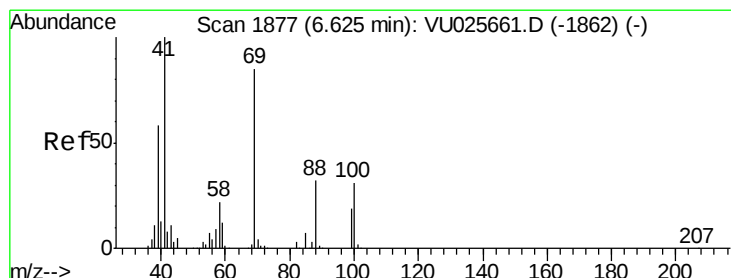
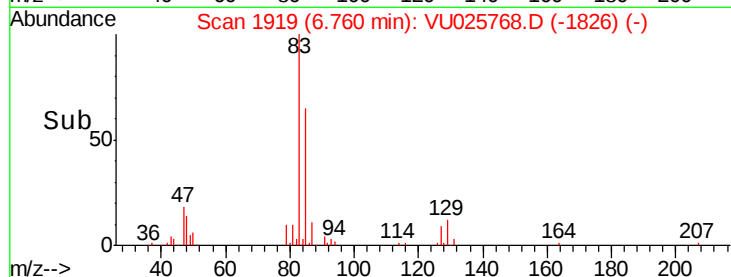
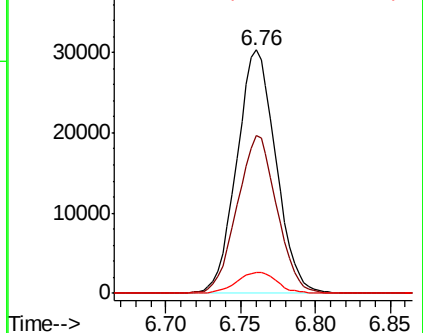
127 8.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU025768.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025768.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025768.D (-1826) (-)



#48

Methyl methacrylate

Concen: 19.16 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

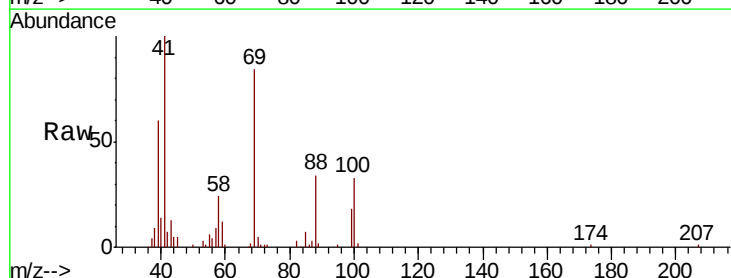
Tgt Ion: 41 Resp: 46218

Ion Ratio Lower Upper

41 100

69 85.4 65.0 97.4

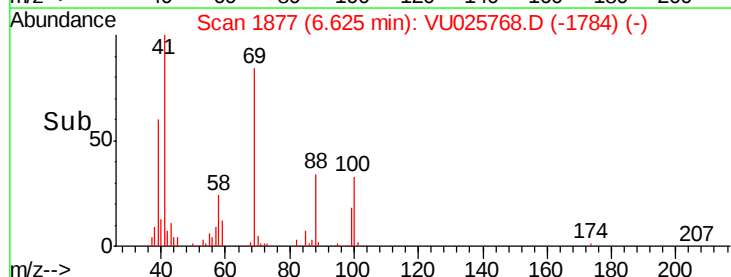
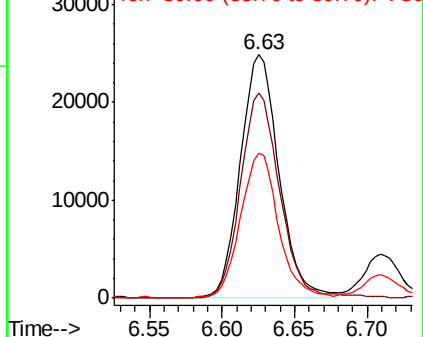
39 58.4 46.4 69.6

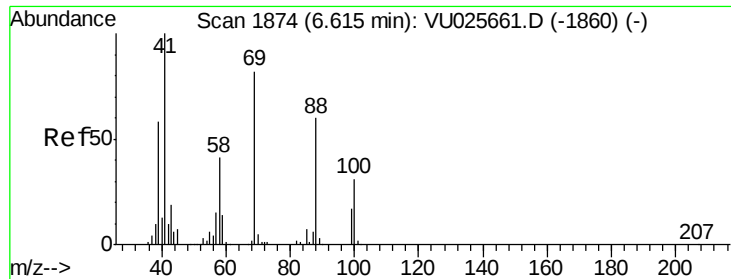


Abundance Ion 41.00 (40.70 to 41.70): VU025768.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU025768.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU025768.D (-1784) (-)

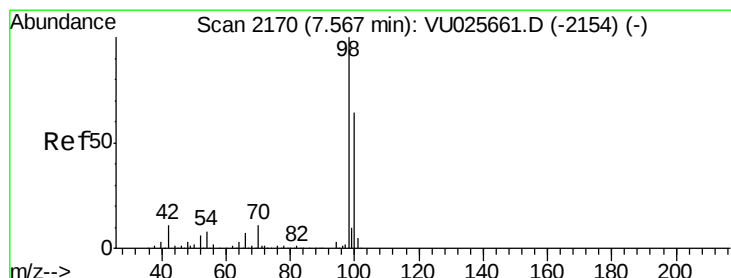
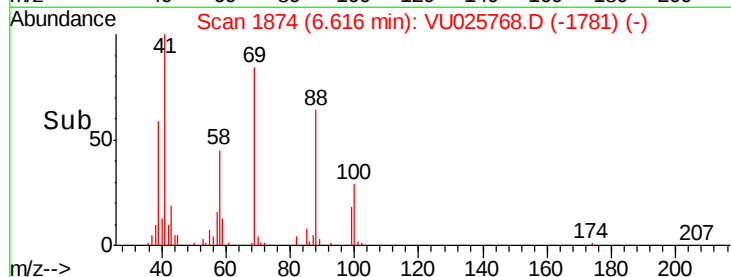
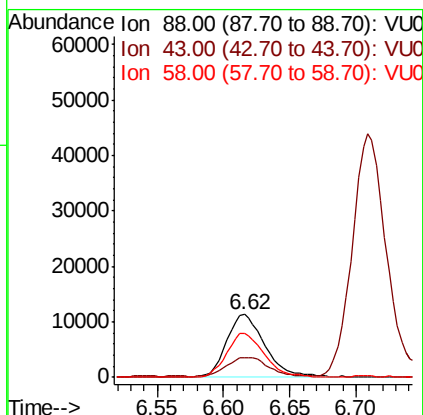
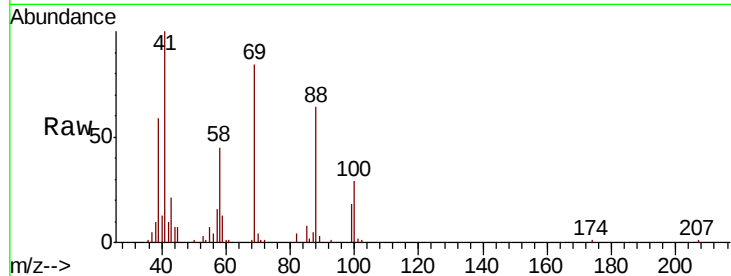




#49
1,4-Dioxane
Concen: 390.34 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

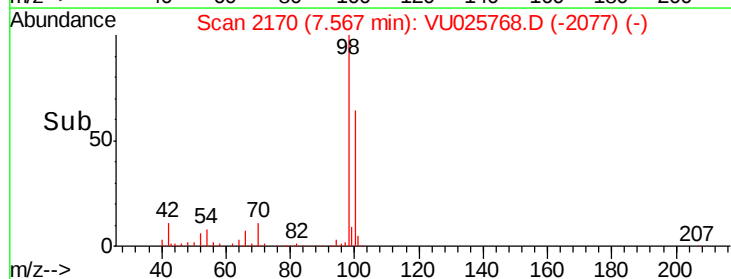
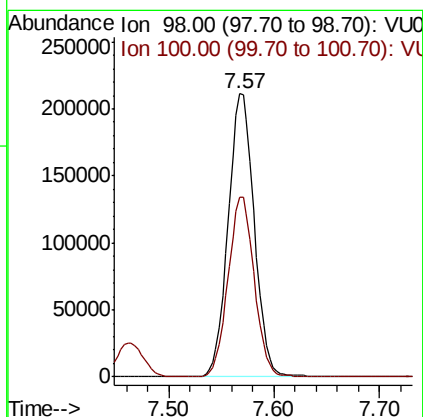
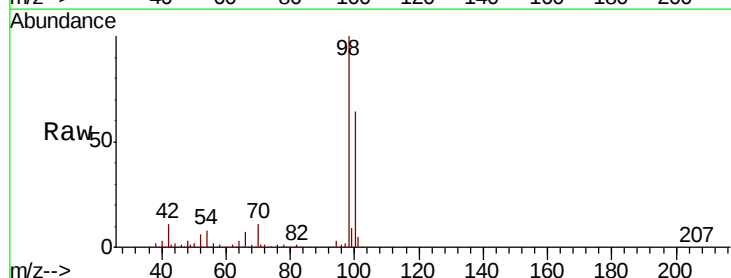
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

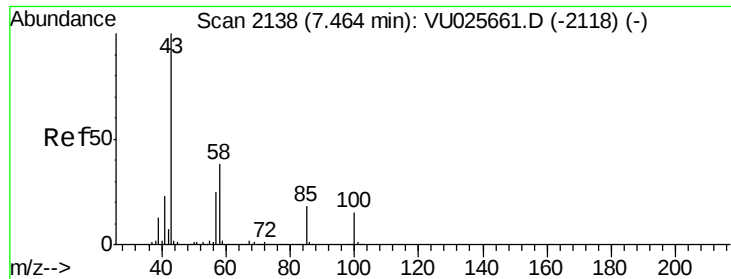
Tot Ion: 88 Resp: 22914
Ion Ratio Lower Upper
88 100
43 31.6 27.3 40.9
58 68.2 57.6 86.4



#50
Toluene-d8
Concen: 48.28 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion: 98 Resp: 361204
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 96.33 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

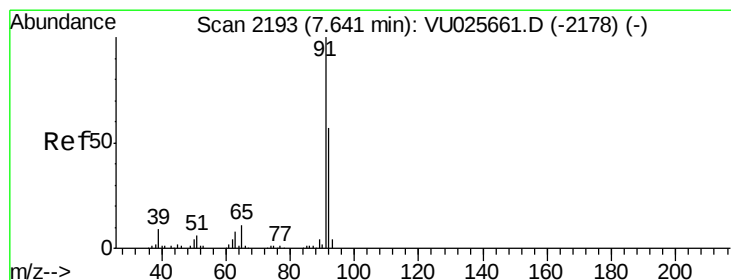
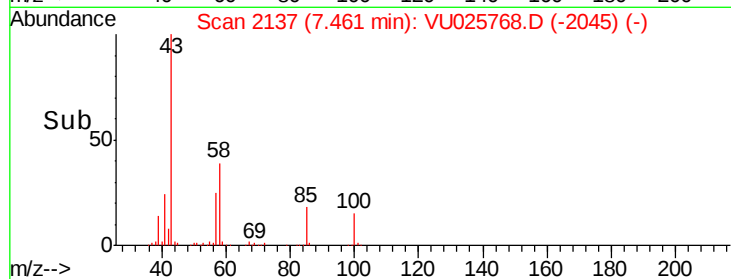
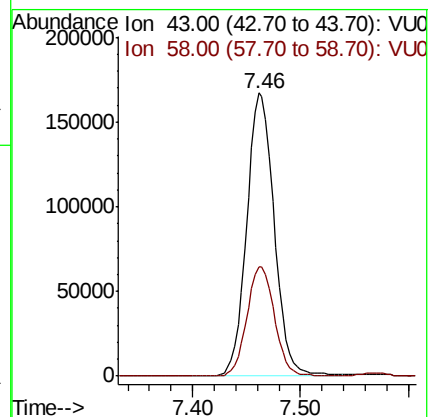
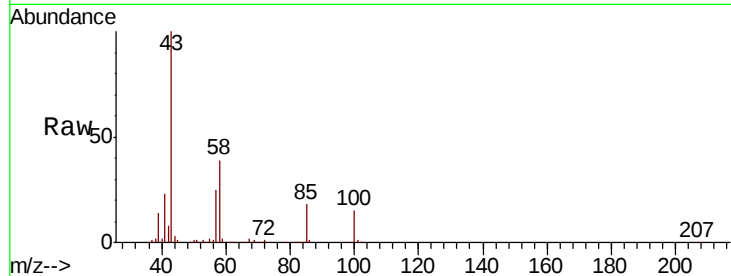
VU0801WBSD03

Tot Ion: 43 Resp: 296834

Ion Ratio Lower Upper

43 100

58 38.8 31.0 46.4



#52

Toluene

Concen: 17.74 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025768.D

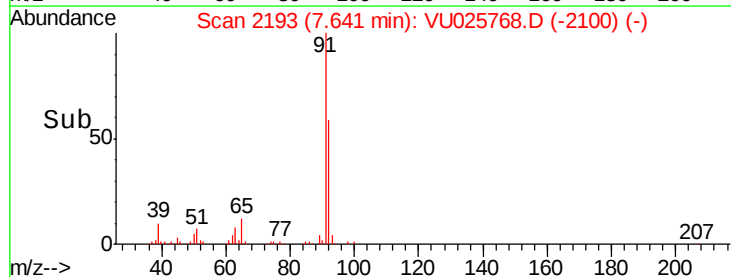
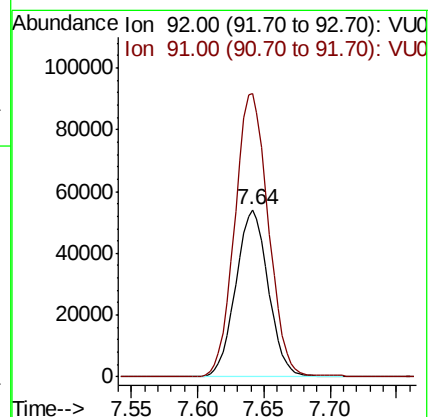
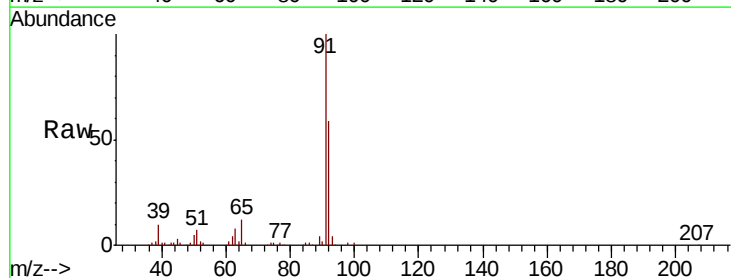
Acq: 01 Aug 2018 11:44

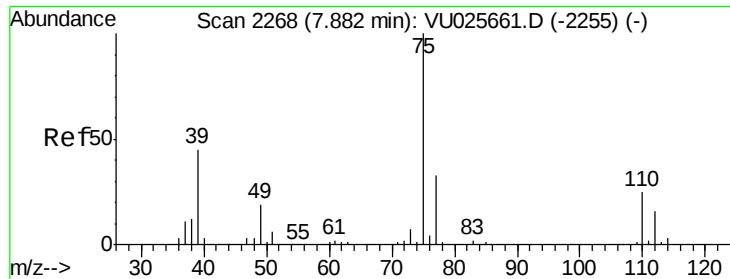
Tgt Ion: 92 Resp: 92552

Ion Ratio Lower Upper

92 100

91 174.9 139.2 208.8

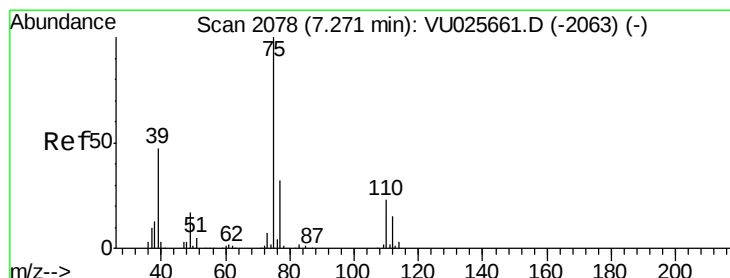
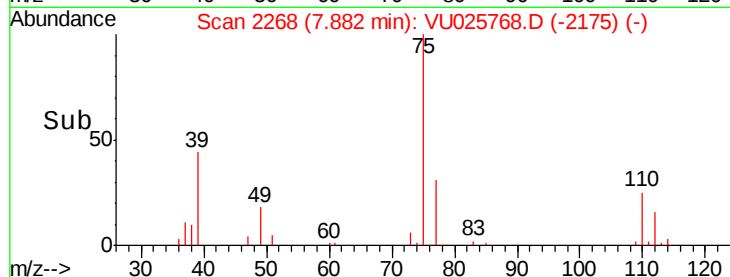
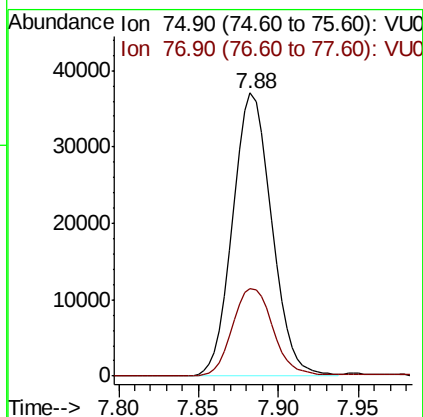
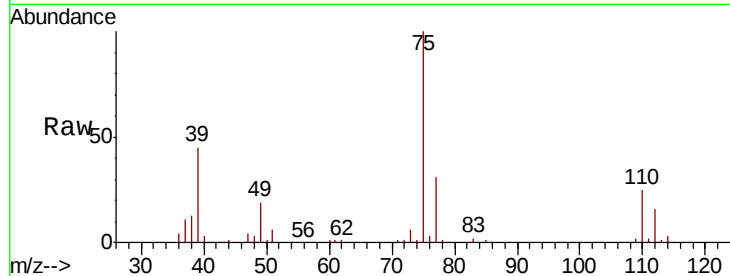




#53
 t-1,3-Dichloropropene
 Concen: 18.14 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

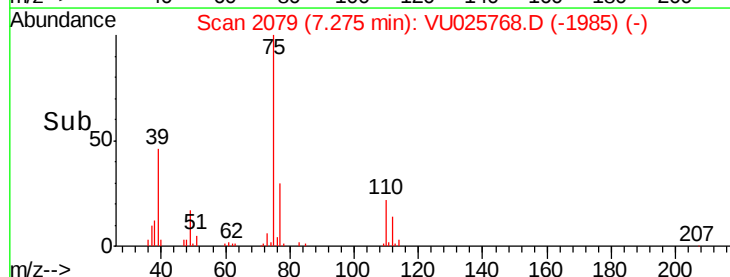
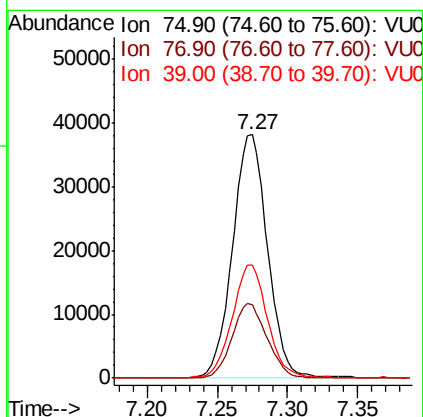
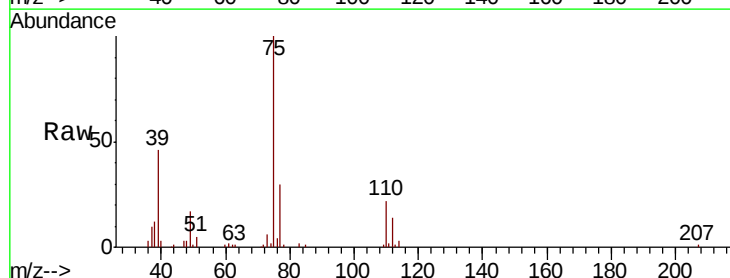
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

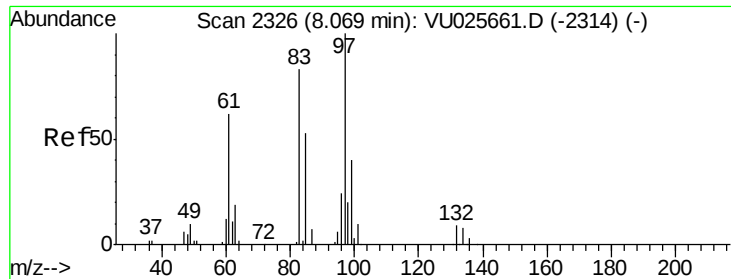
Tot Ion: 75 Resp: 61645
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.99 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Tgt Ion: 75 Resp: 66299
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.6 38.4
 39 46.2 40.0 60.0

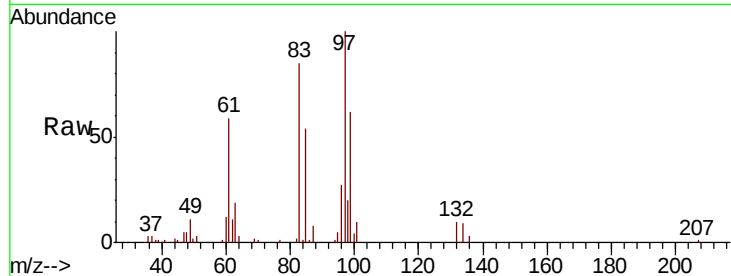




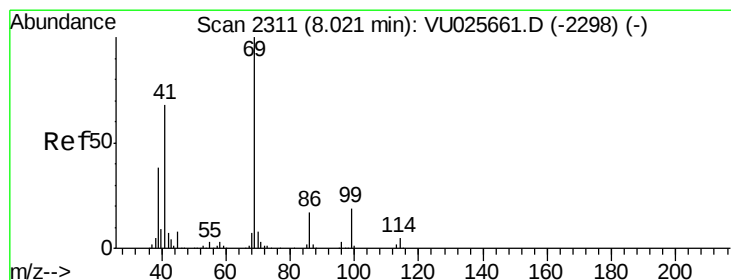
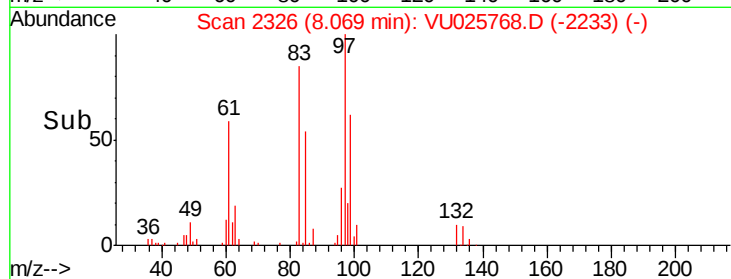
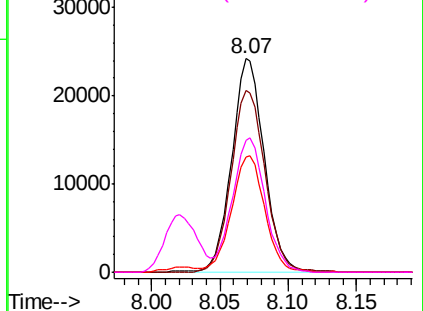
#55
 1,1,2-Trichloroethane
 Concen: 18.48 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

Tot Ion:	97	Resp:	40057
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.9	103.3
85	53.9	44.4	66.6
99	62.0	51.0	76.4

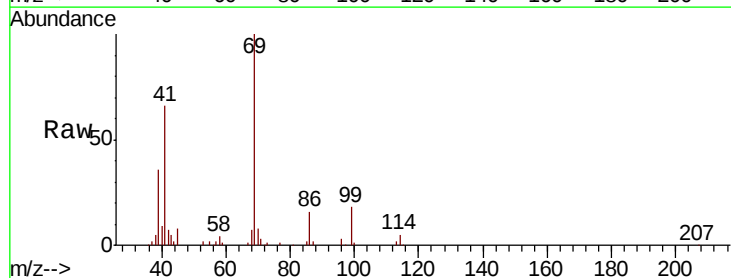


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

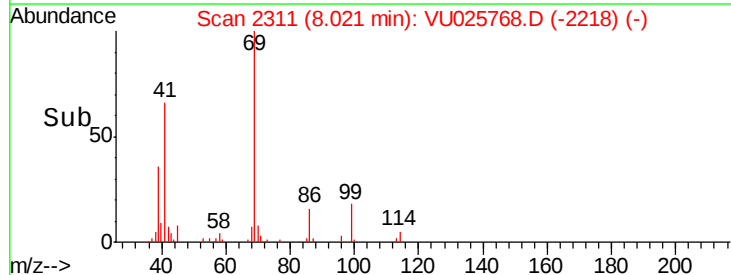
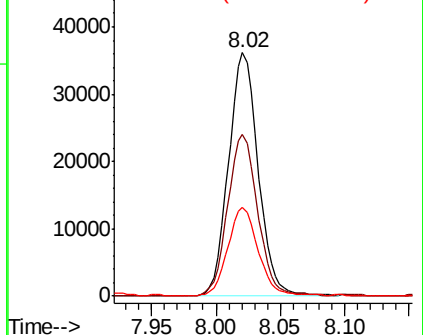


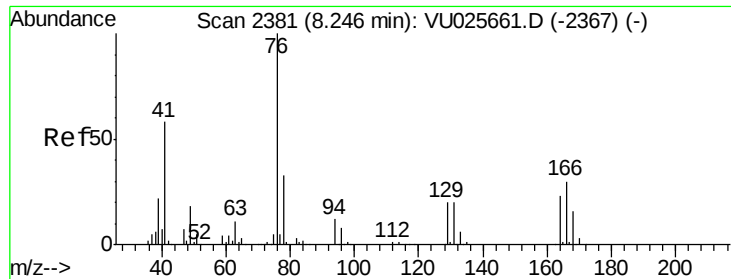
#56
 Ethyl methacrylate
 Concen: 18.68 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Tgt Ion:	69	Resp:	57873
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.8	82.2
39	37.3	31.1	46.7



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

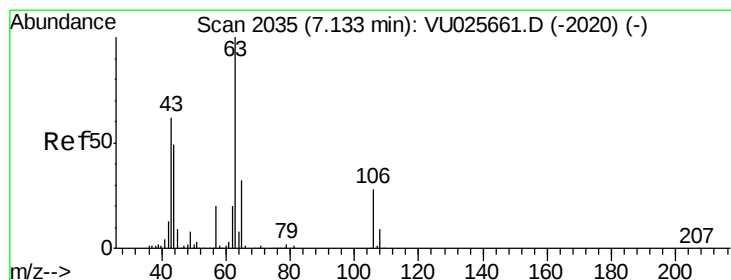
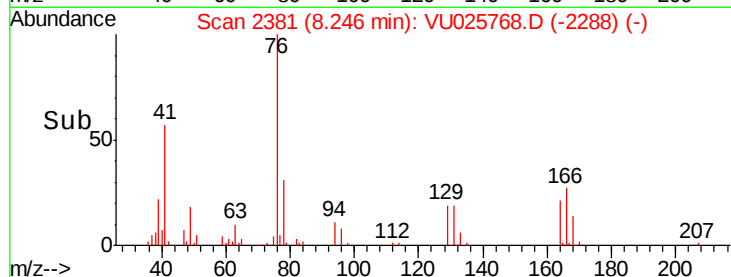
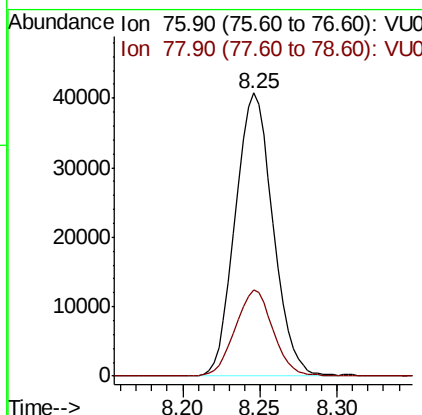
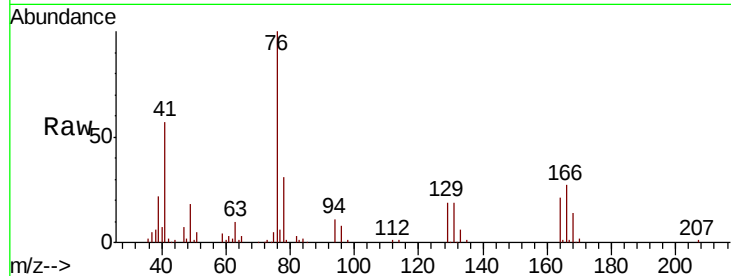




#57
 1,3-Dichloropropane
 Concen: 18.95 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

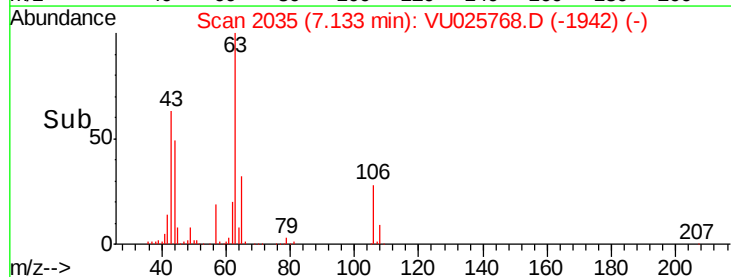
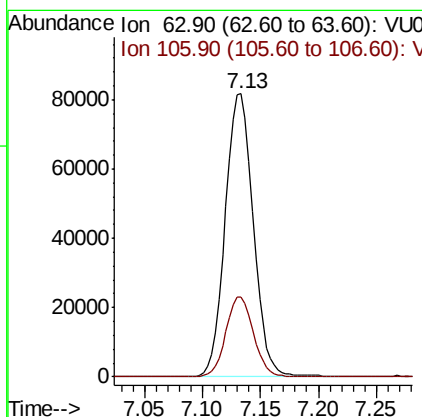
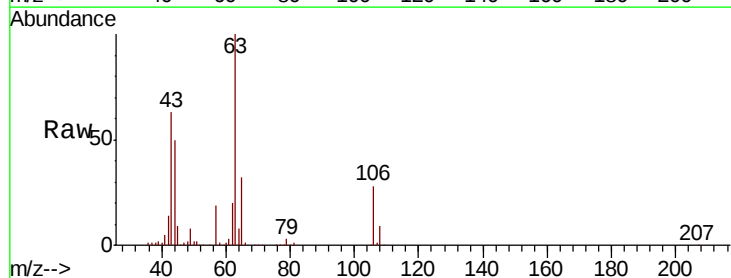
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

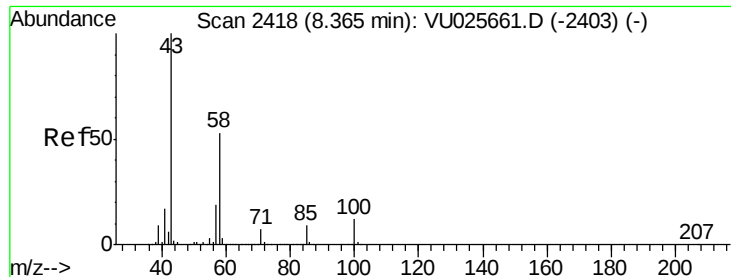
Tot Ion: 76 Resp: 69072
 Ion Ratio Lower Upper
 76 100
 78 30.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.42 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Tgt Ion: 63 Resp: 137629
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.3 33.5

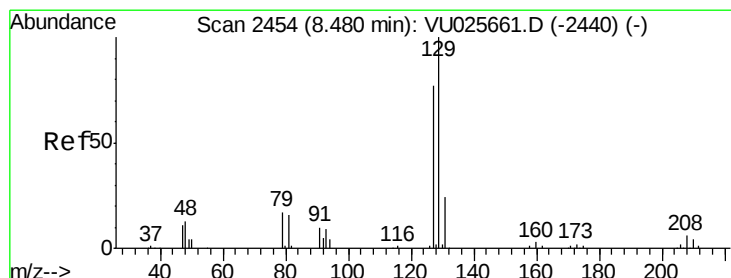
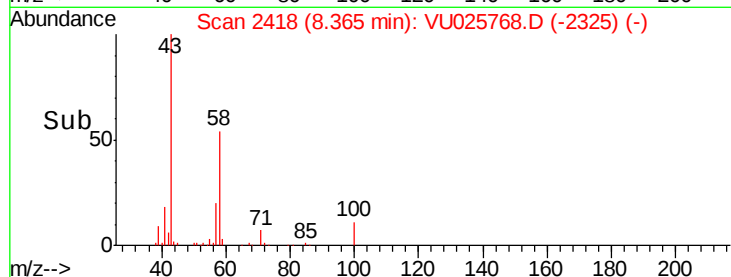
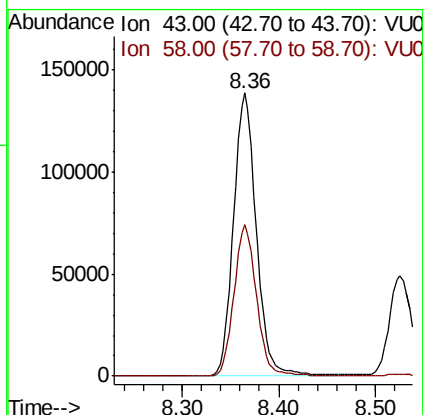
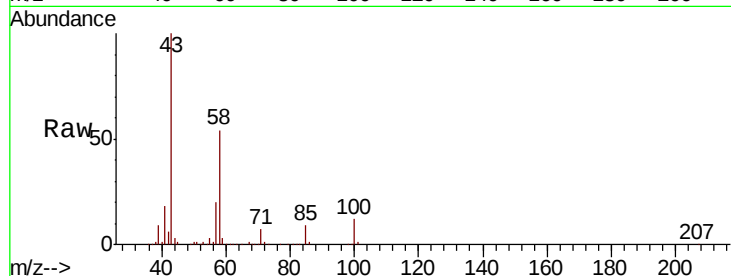




#59
2-Hexanone
Concen: 94.60 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

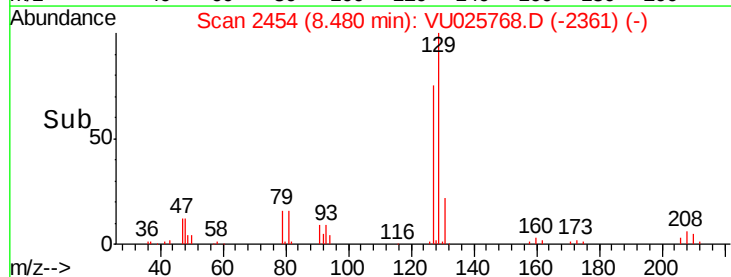
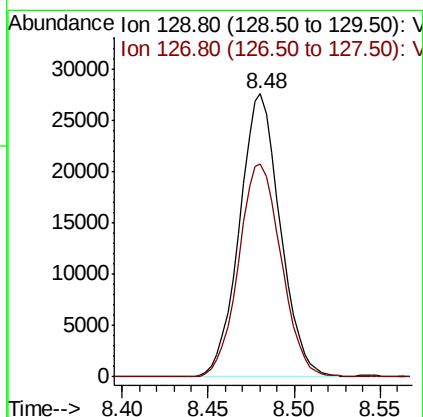
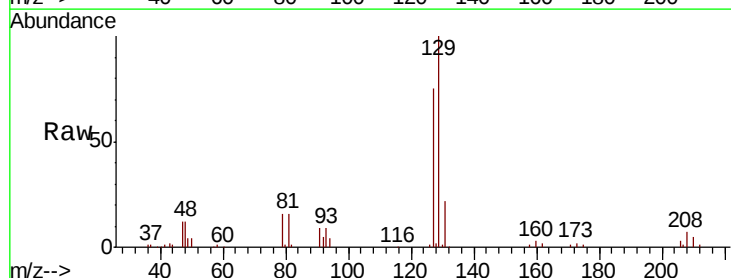
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

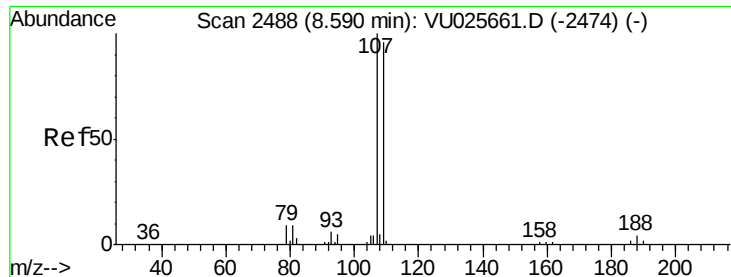
Tot Ion: 43 Resp: 228510
Ion Ratio Lower Upper
43 100
58 52.6 26.2 78.5



#60
Dibromochloromethane
Concen: 17.82 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion: 129 Resp: 45547
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.00 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

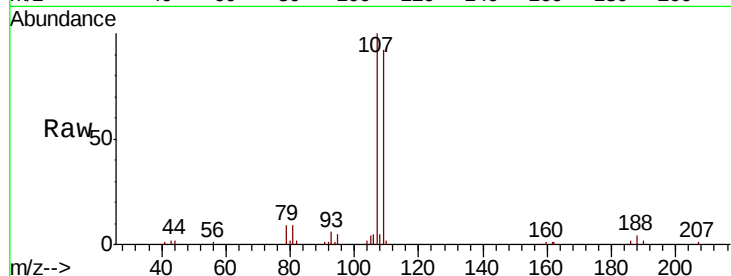
VU0801WBSD03

Tot Ion:107 Resp: 45817

Ion Ratio Lower Upper

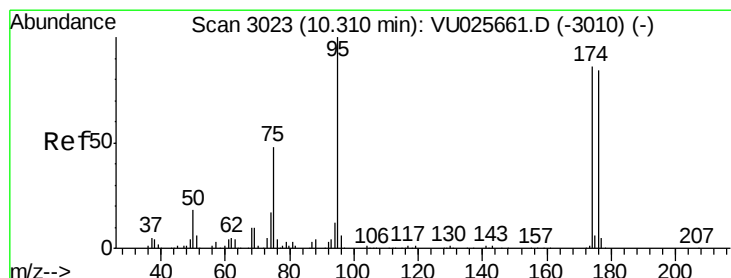
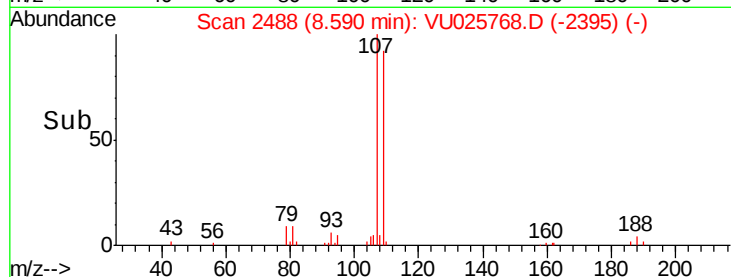
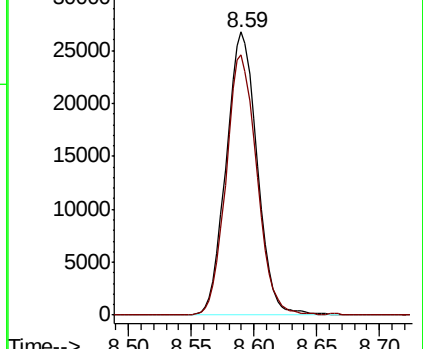
107 100

109 91.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.76 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

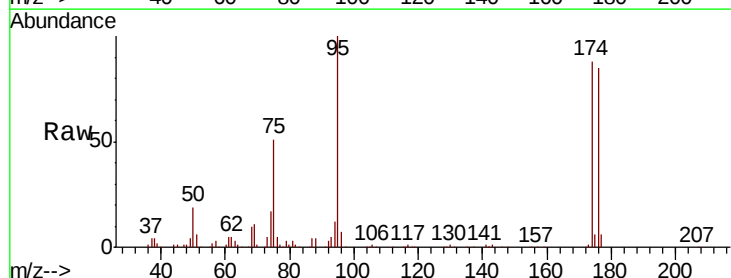
Tgt Ion: 95 Resp: 138665

Ion Ratio Lower Upper

95 100

174 88.9 0.0 172.2

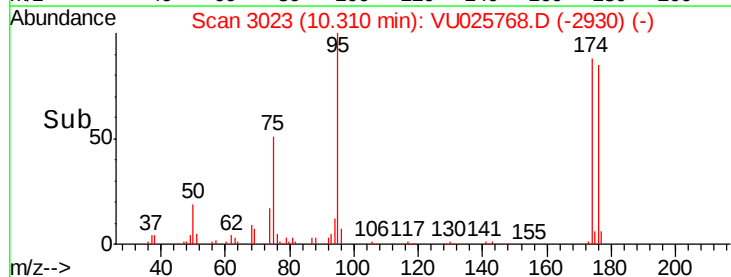
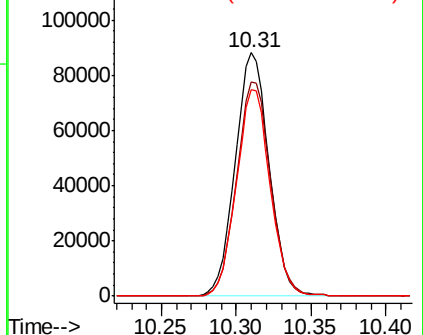
176 84.8 0.0 162.6

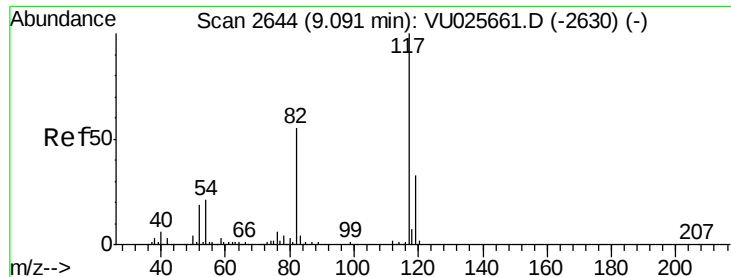


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

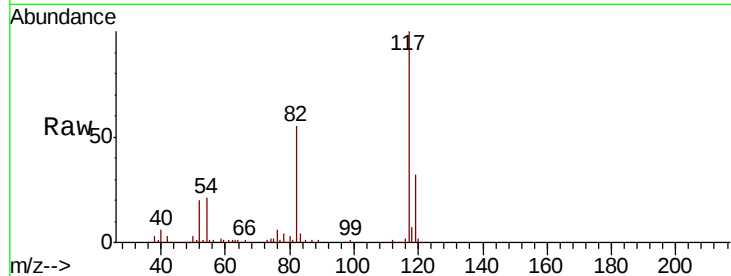




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	46.0	69.0
119	31.9	26.0	39.0

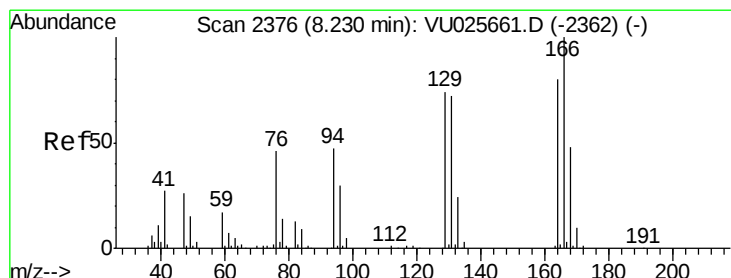
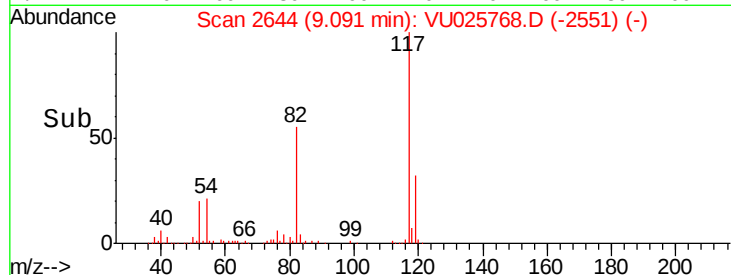
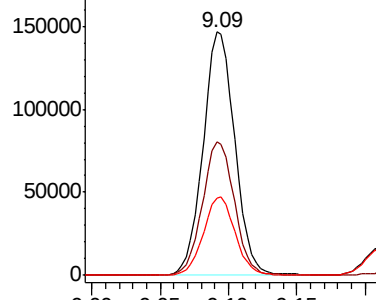


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 16.98 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.1	151.7
129	93.5	73.0	109.6
131	92.7	72.1	108.1

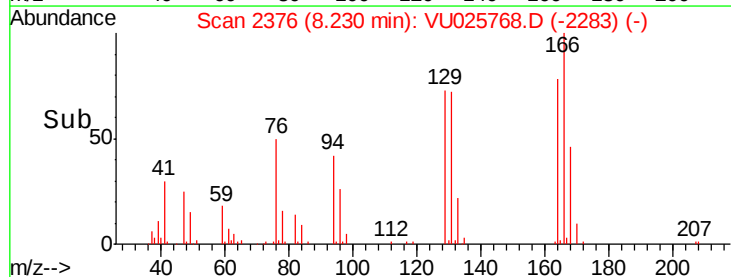
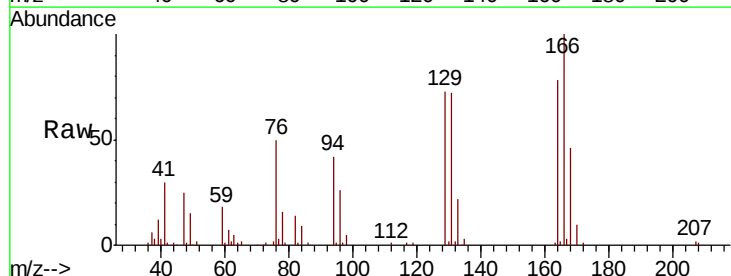
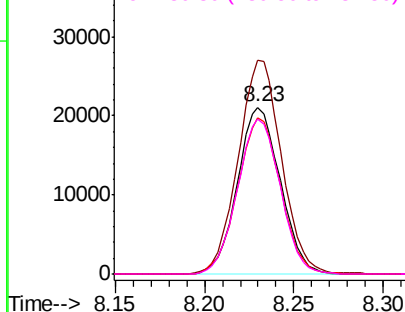
Abundance

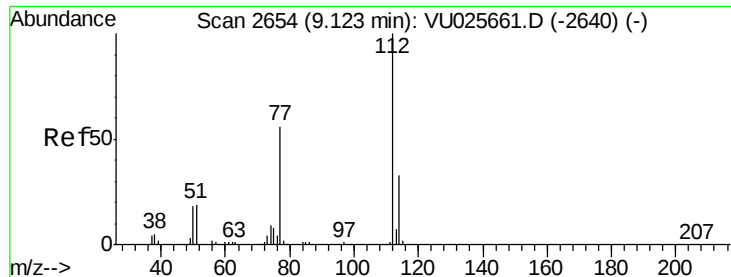
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 17.73 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

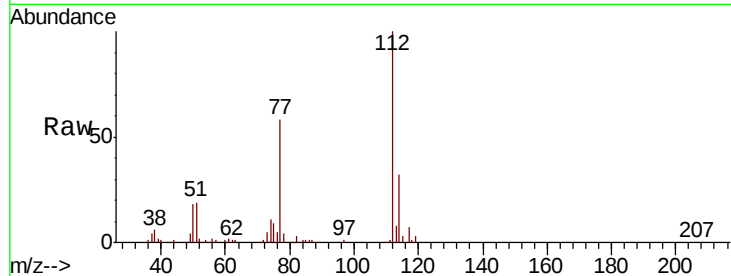
VU0801WBSD03

Tot Ion:112 Resp: 108167

Ion Ratio Lower Upper

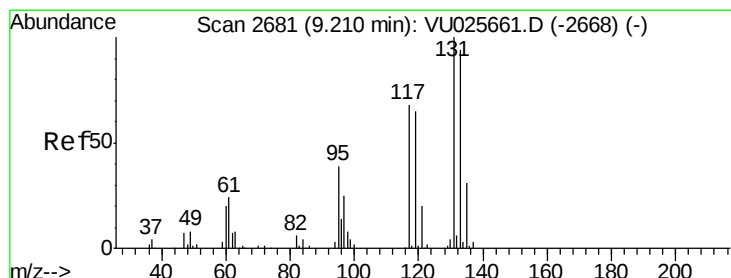
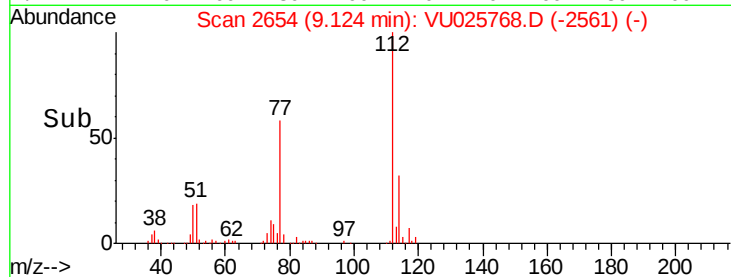
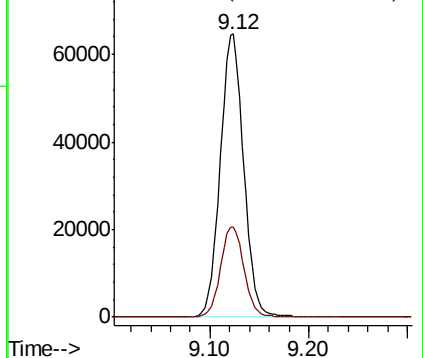
112 100

114 31.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.54 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

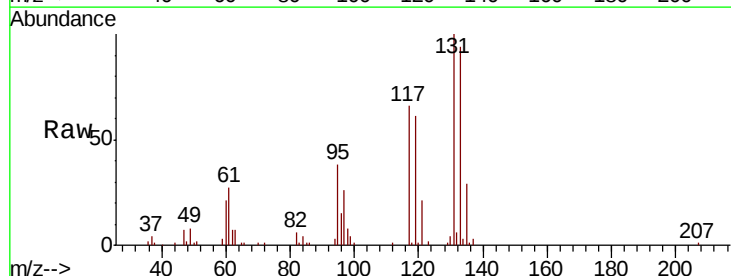
Tgt Ion:131 Resp: 40921

Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.3

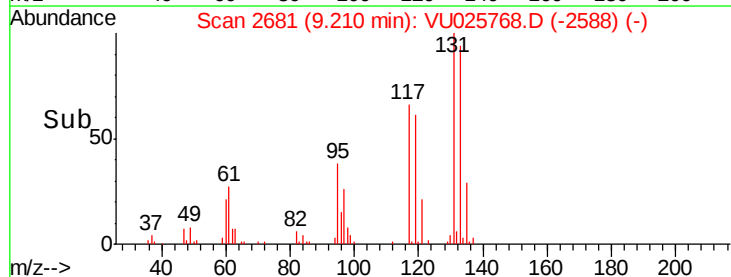
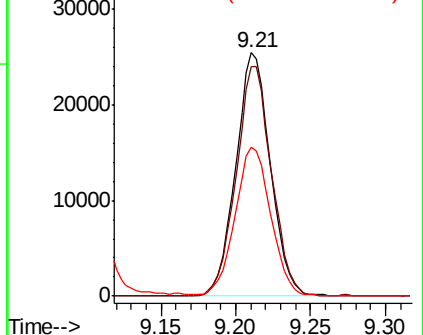
119 63.5 31.6 95.0

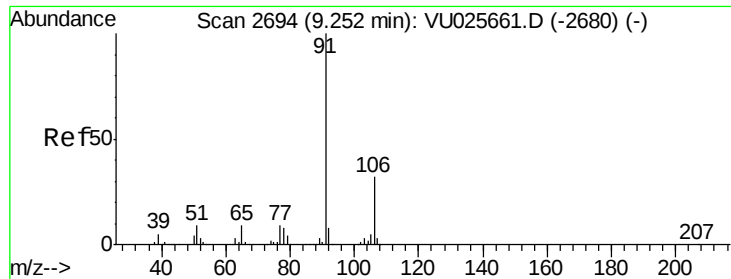


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.63 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

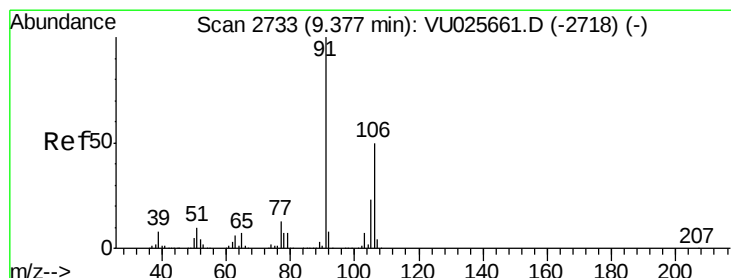
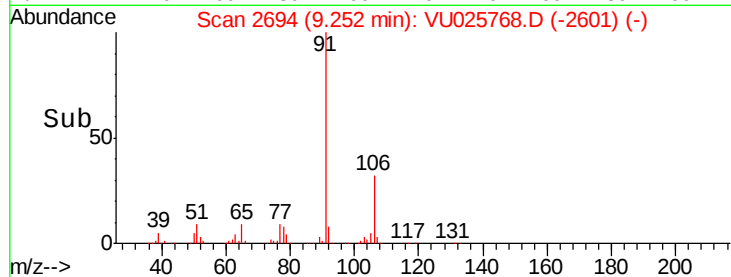
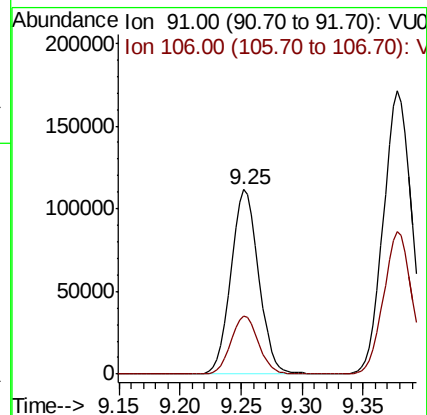
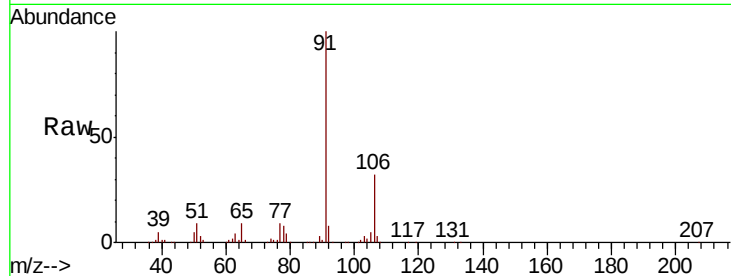
VU0801WBSD03

Tot Ion: 91 Resp: 178174

Ion Ratio Lower Upper

91 100

106 31.6 25.3 37.9



#68

m/p-Xylenes

Concen: 36.14 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025768.D

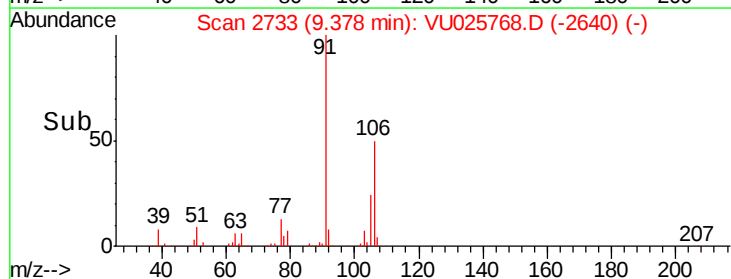
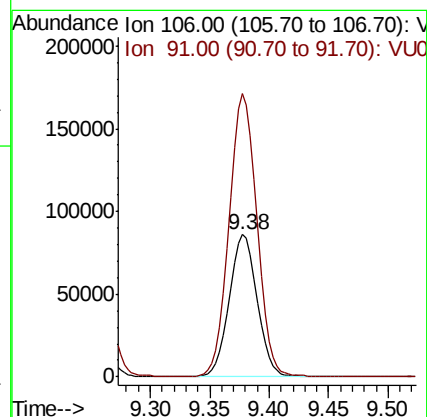
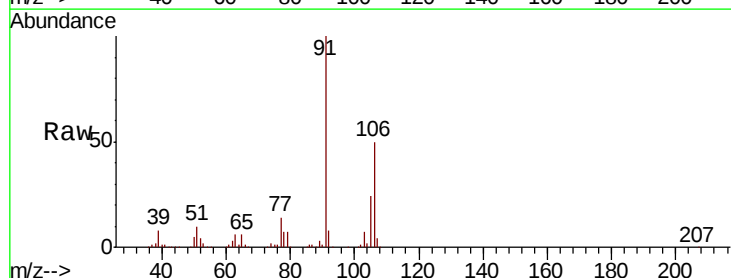
Acq: 01 Aug 2018 11:44

Tgt Ion: 106 Resp: 140252

Ion Ratio Lower Upper

106 100

91 198.1 162.3 243.5

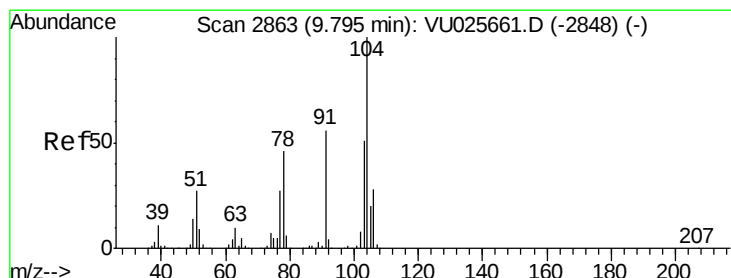
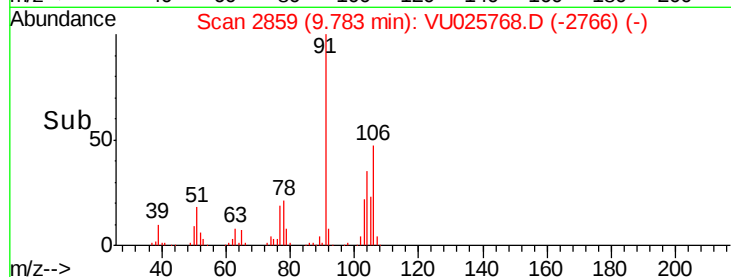
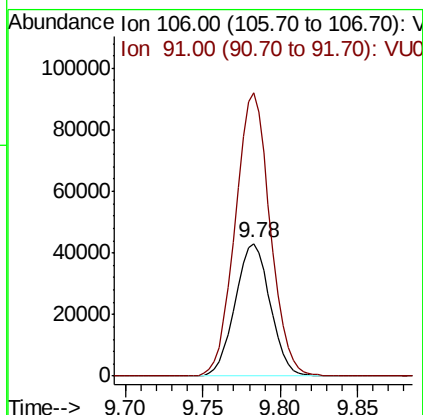
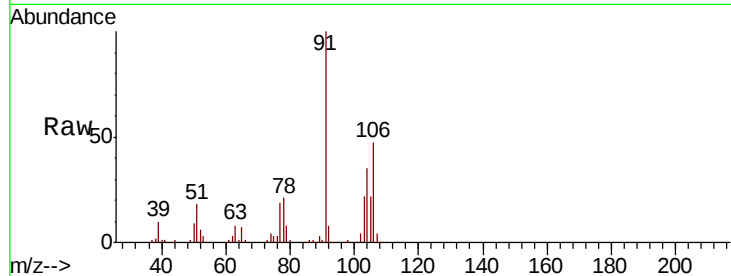




#69
o-Xylene
Concen: 17.87 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

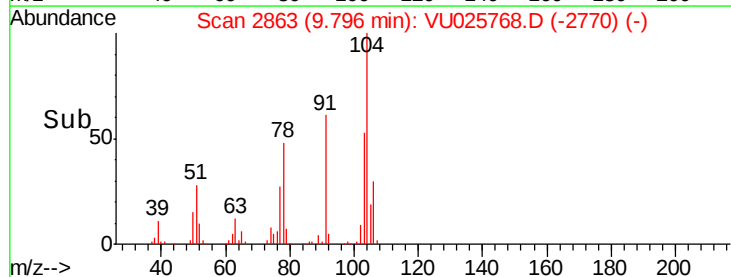
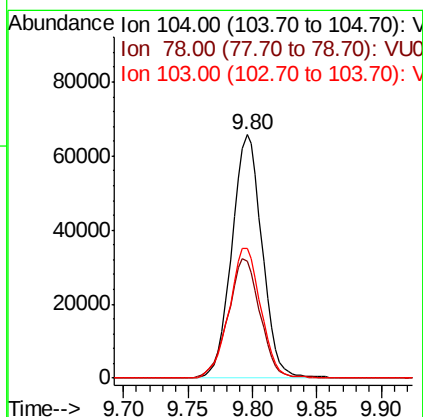
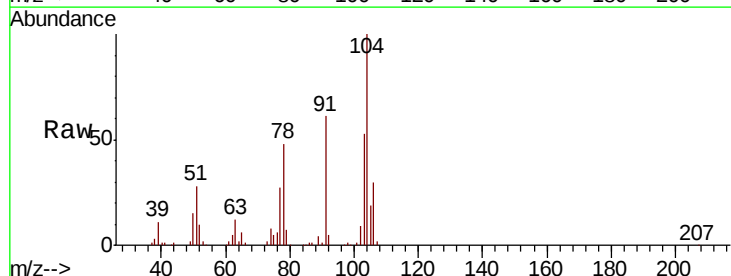
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

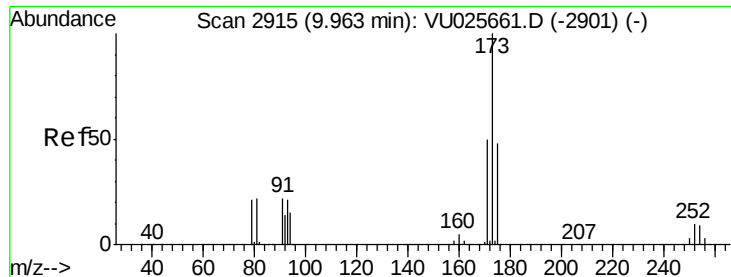
Tot Ion:106 Resp: 67780
Ion Ratio Lower Upper
106 100
91 212.5 105.3 315.8



#70
Styrene
Concen: 17.50 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion:104 Resp: 107204
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 56.0 44.6 66.8





#71

Bromoform

Concen: 18.79 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

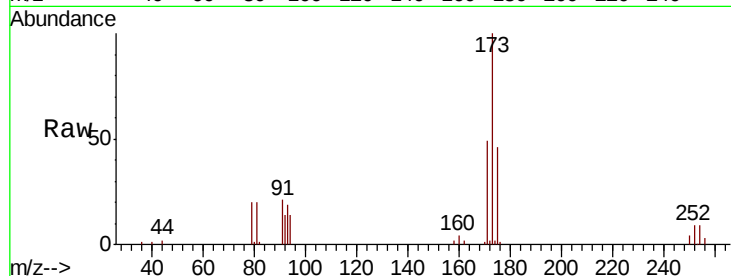
Tot Ion:173 Resp: 35968

Ion Ratio Lower Upper

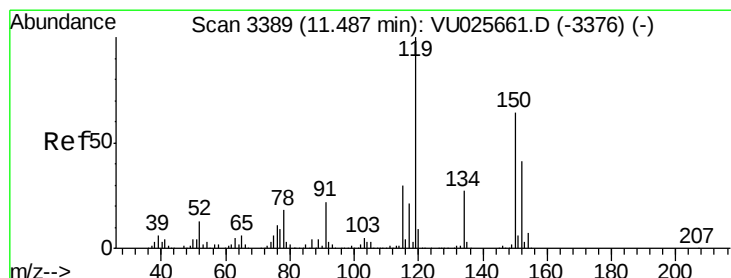
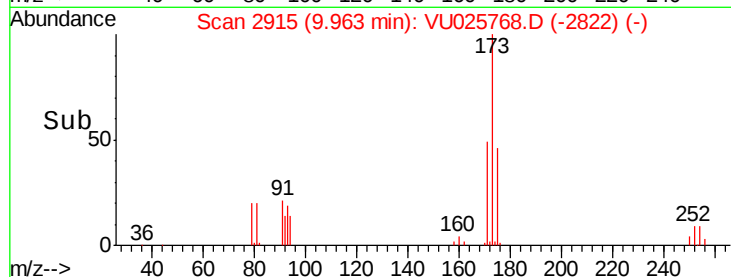
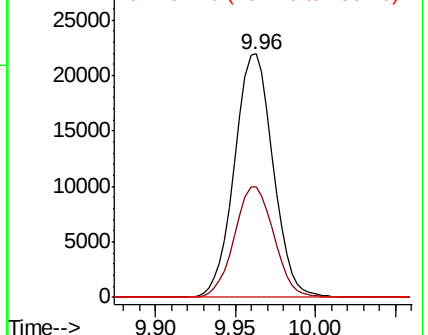
173 100

175 46.6 24.0 72.0

254 0.0 0.0 0.0



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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

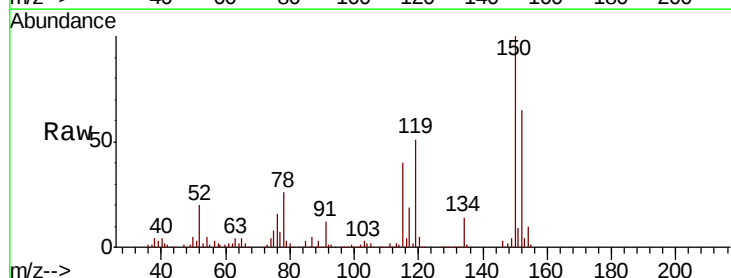
Tgt Ion:152 Resp: 145489

Ion Ratio Lower Upper

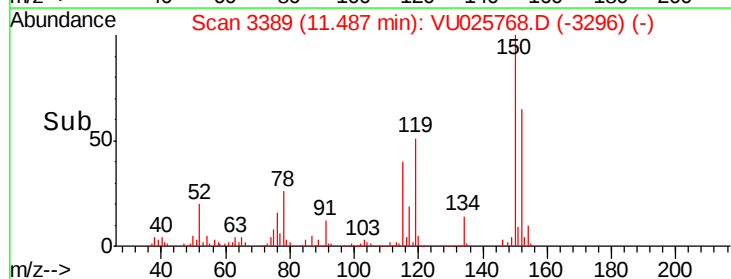
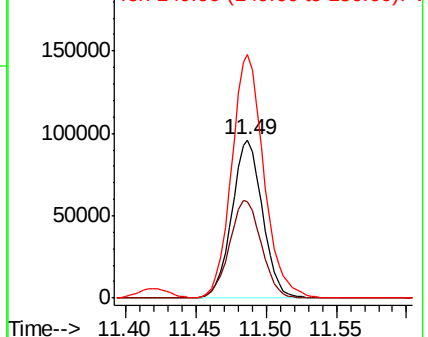
152 100

115 64.9 40.1 120.3

150 162.4 0.0 351.4



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: 18.19 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

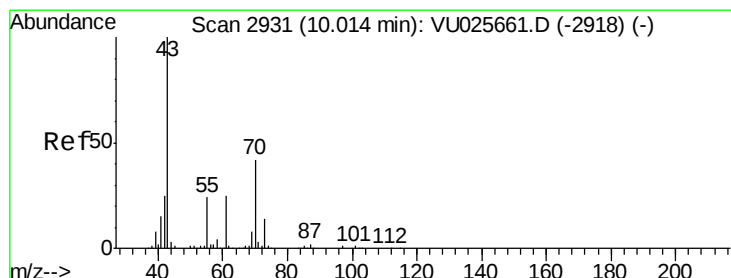
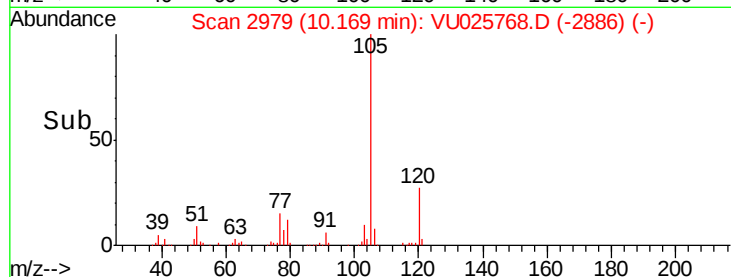
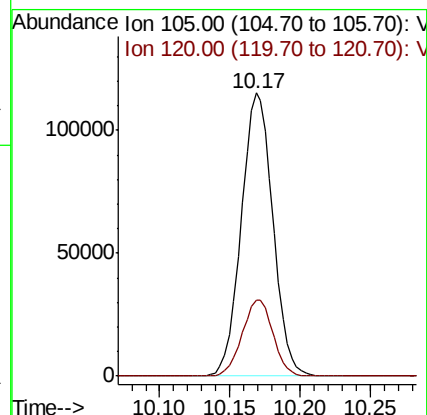
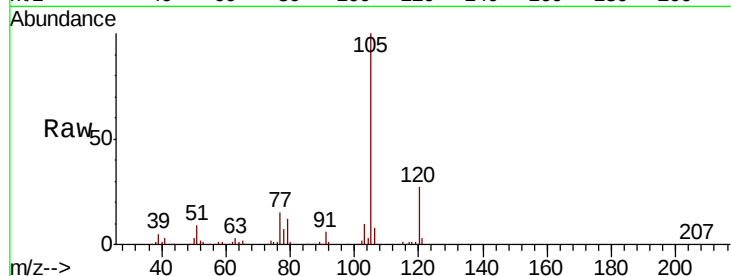
VU0801WBSD03

Tot Ion:105 Resp: 180625

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.5



#74

N-ethyl acetate

Concen: 19.38 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Tgt Ion: 43 Resp: 78554

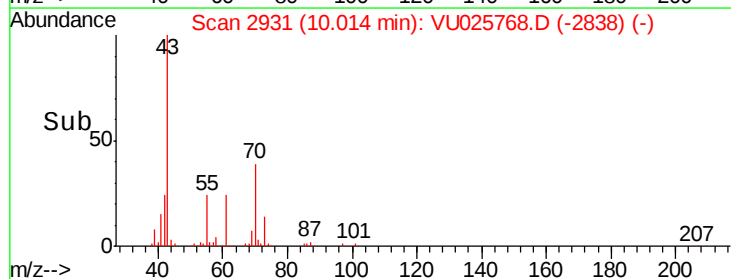
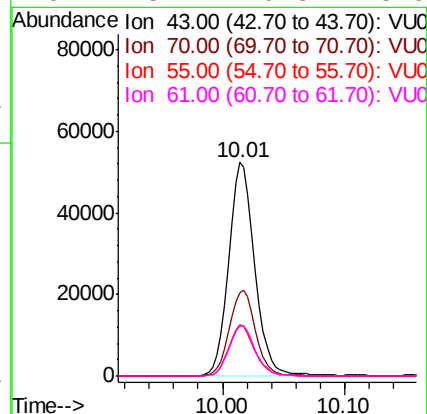
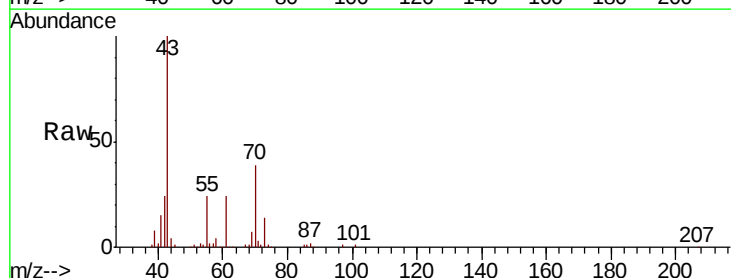
Ion Ratio Lower Upper

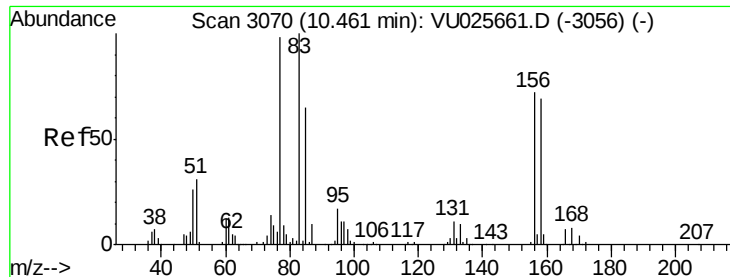
43 100

70 40.5 33.4 50.2

55 23.9 19.0 28.6

61 23.7 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.00 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

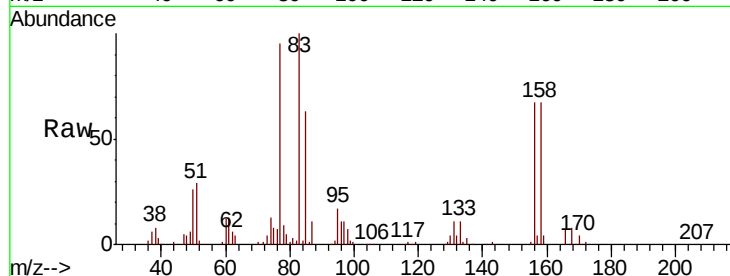
Tot Ion: 83 Resp: 65237

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

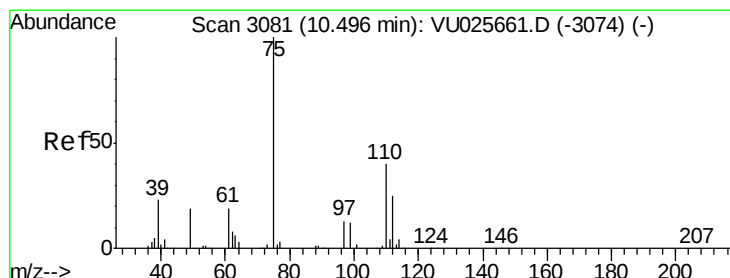
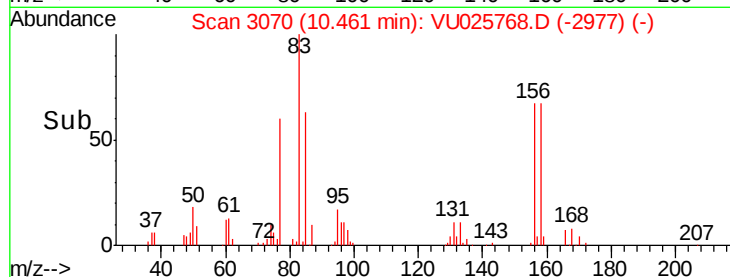
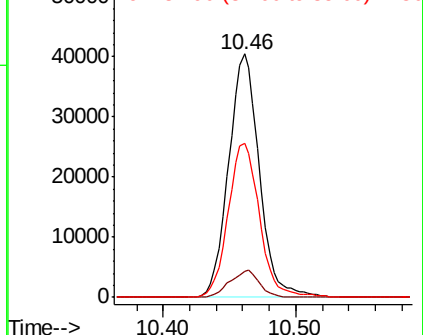
85 64.5 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 24.16 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025768.D

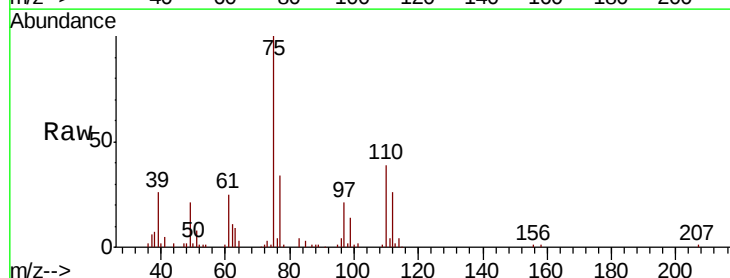
Acq: 01 Aug 2018 11:44

Tgt Ion: 75 Resp: 77441

Ion Ratio Lower Upper

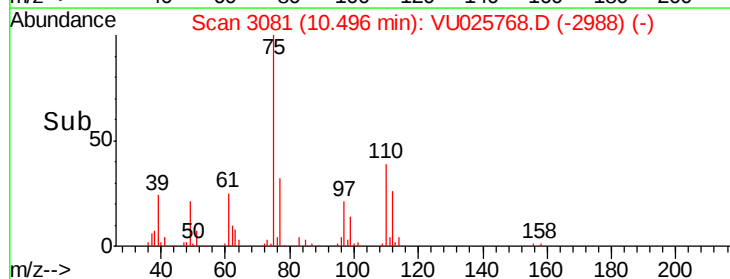
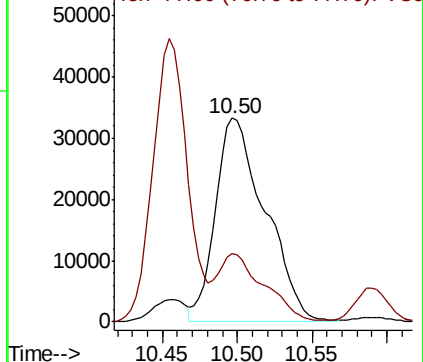
75 100

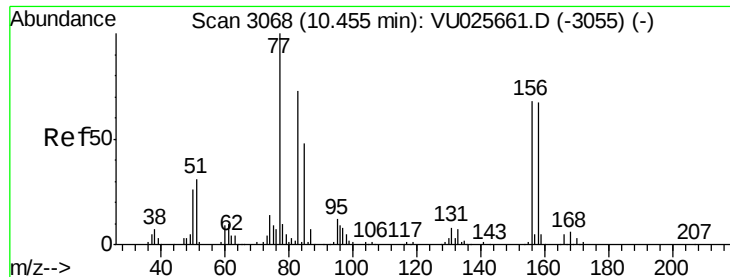
77 30.0 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 17.98 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

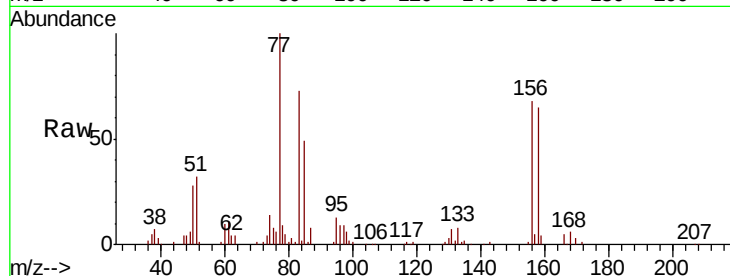
Tot Ion:156 Resp: 49237

Ion Ratio Lower Upper

156 100

77 150.0 73.8 221.4

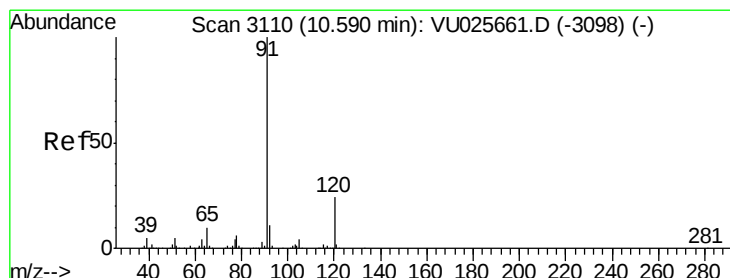
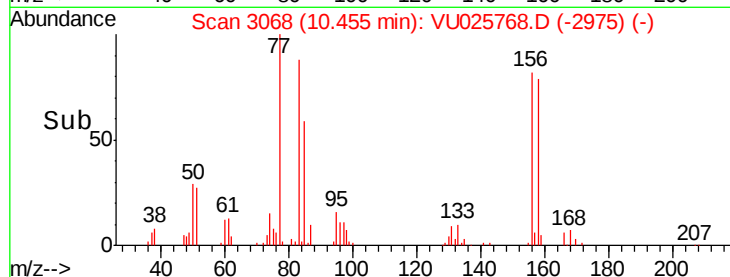
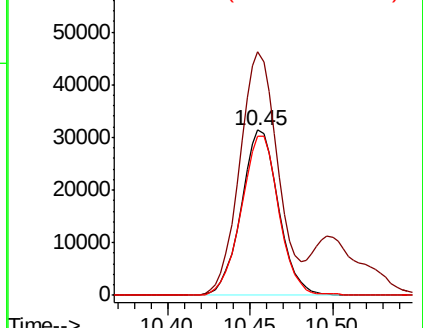
158 97.0 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.98 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025768.D

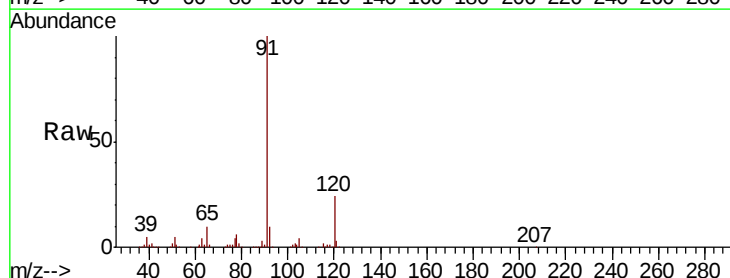
Acq: 01 Aug 2018 11:44

Tgt Ion: 91 Resp: 208444

Ion Ratio Lower Upper

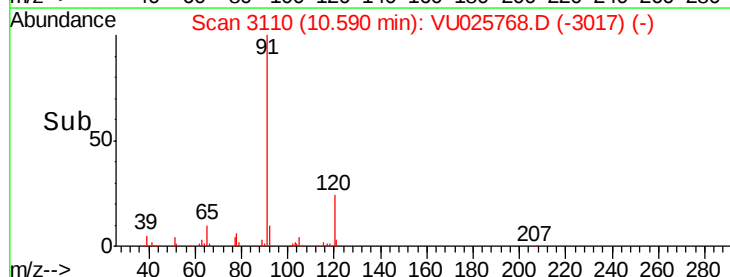
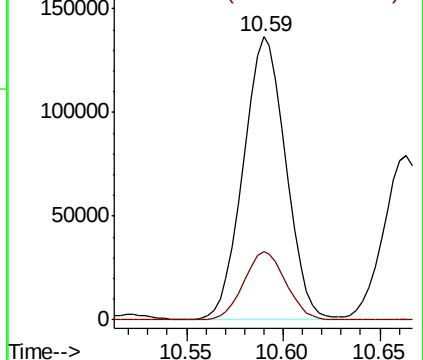
91 100

120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.28 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

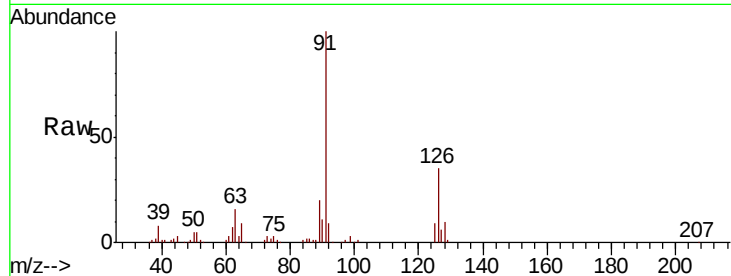
VU0801WBSD03

Tot Ion: 91 Resp: 124103

Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VU025661.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU025661.D (-3122) (-)

150000

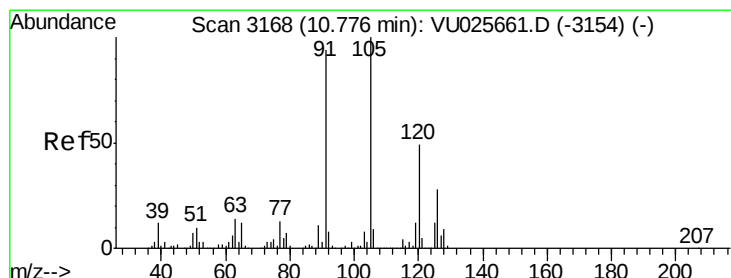
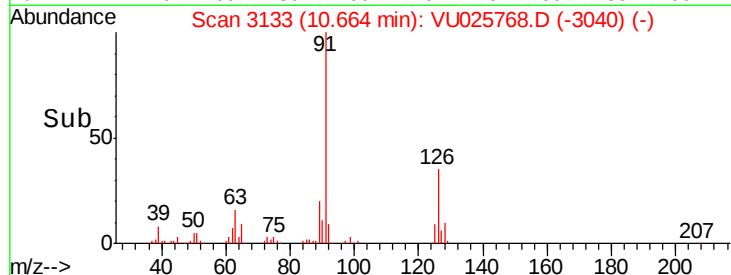
100000

50000

0

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.28 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025768.D

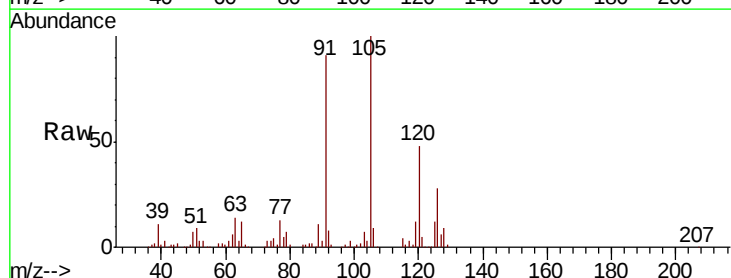
Acq: 01 Aug 2018 11:44

Tgt Ion:105 Resp: 154145

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025661.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU025661.D (-3154) (-)

120000

100000

80000

60000

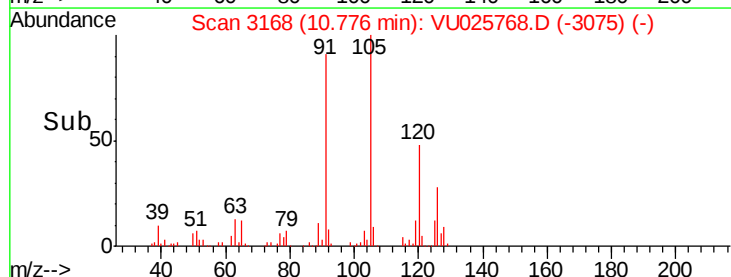
40000

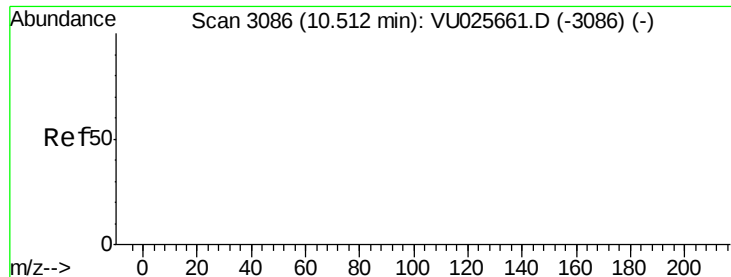
20000

0

10.70 10.75 10.80 10.85

Time-->

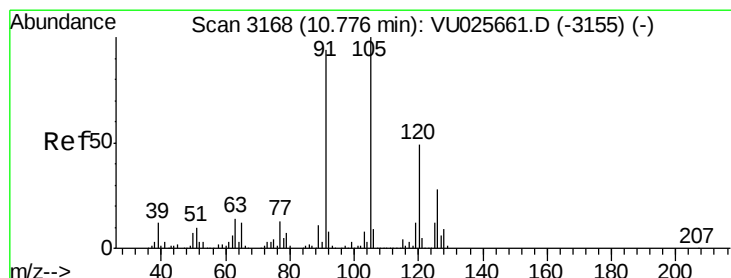
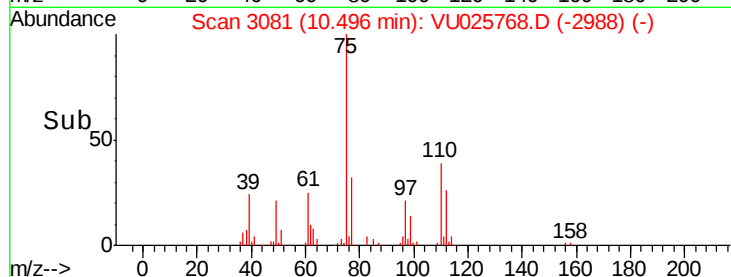
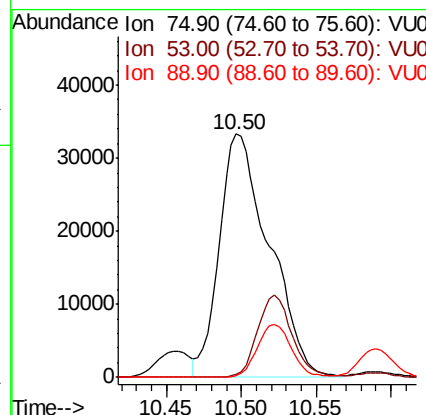
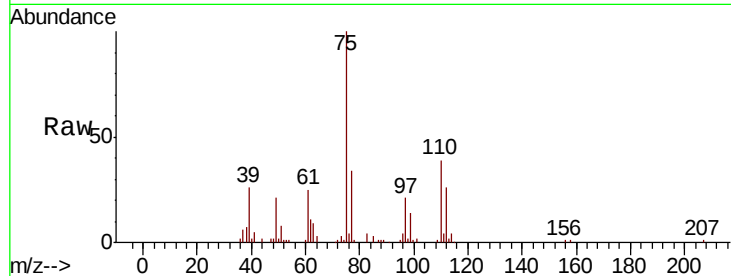




#81
trans-1,4-Dichloro-2-butene
Concen: 60.58 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

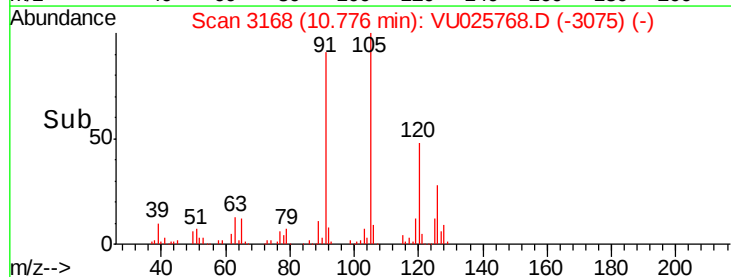
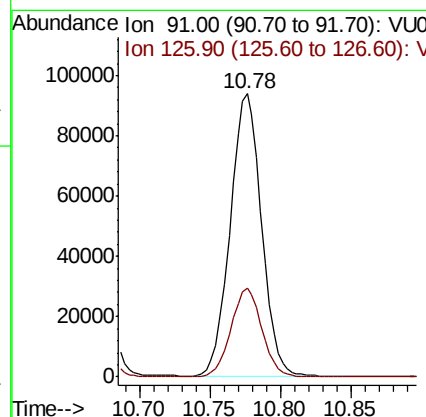
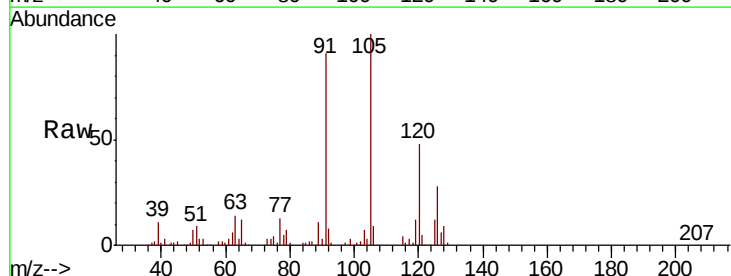
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD03

Tot Ion: 75 Resp: 77441
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 18.17 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025768.D
Acq: 01 Aug 2018 11:44

Tgt Ion: 91 Resp: 145360
Ion Ratio Lower Upper
91 100
126 31.0 15.3 45.9

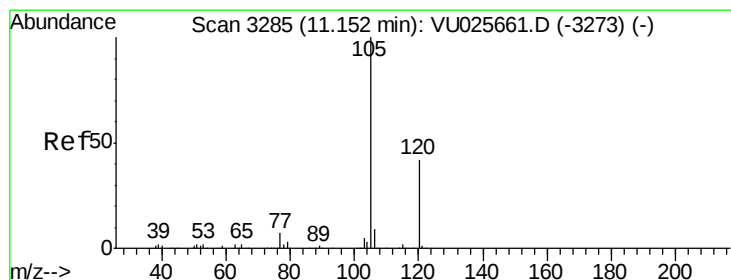
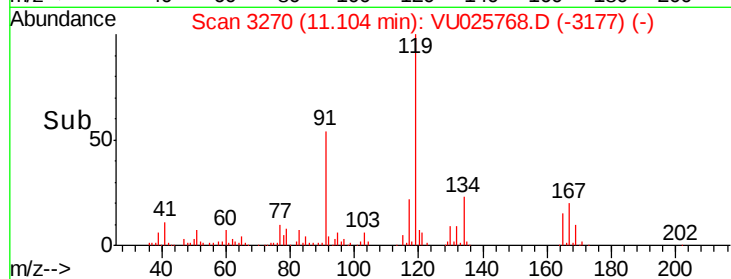
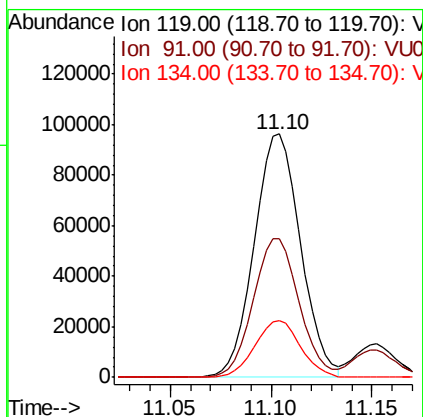
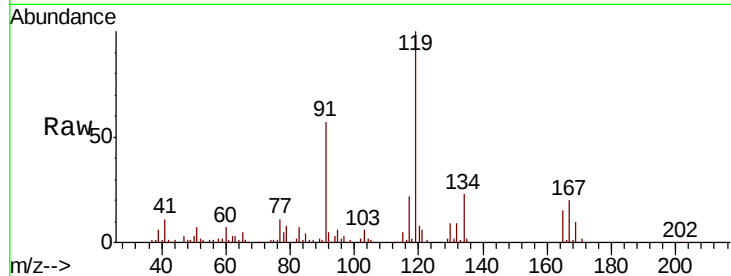




#83
 tert-Butylbenzene
 Concen: 18.41 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

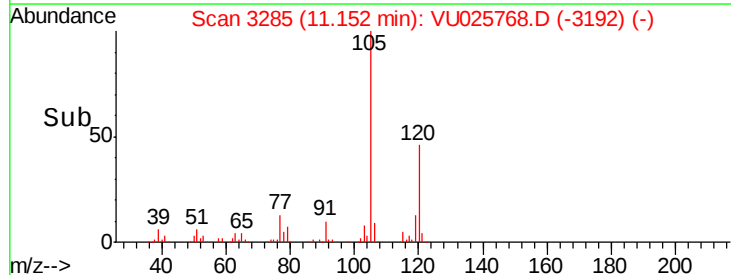
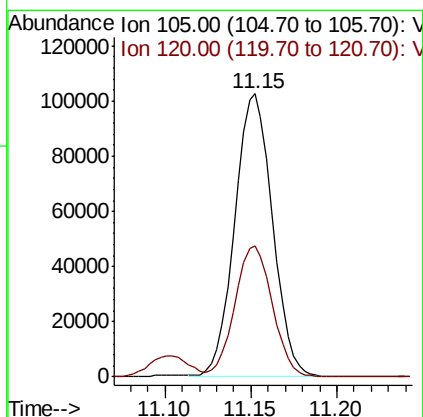
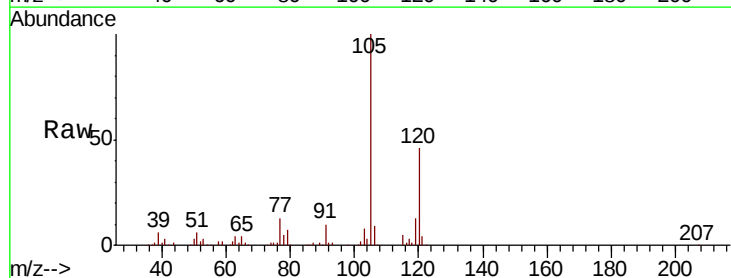
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

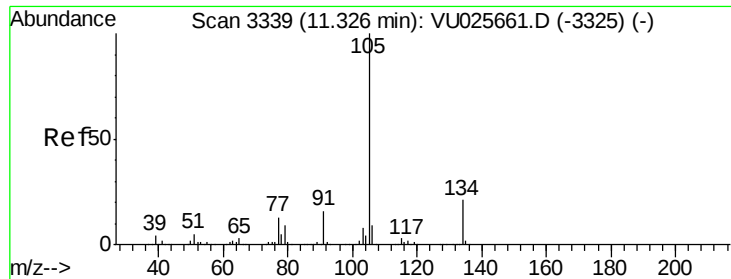
Tot Ion:119 Resp: 154285
 Ion Ratio Lower Upper
 119 100
 91 56.7 29.7 89.1
 134 23.0 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.28 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Tgt Ion:105 Resp: 156186
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 18.03 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

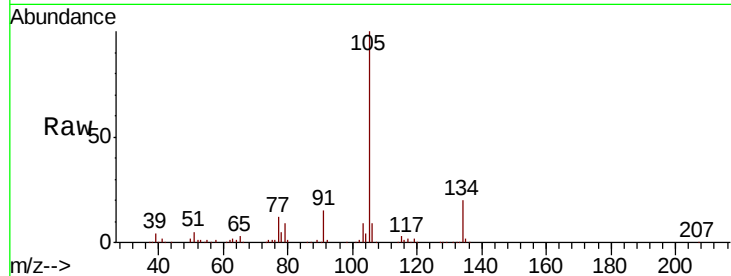
VU0801WBSD03

Tot Ion:105 Resp: 184410

Ion Ratio Lower Upper

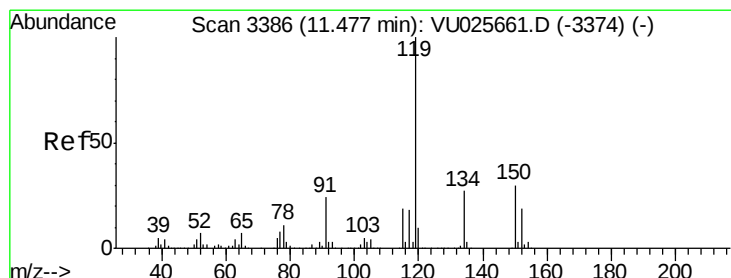
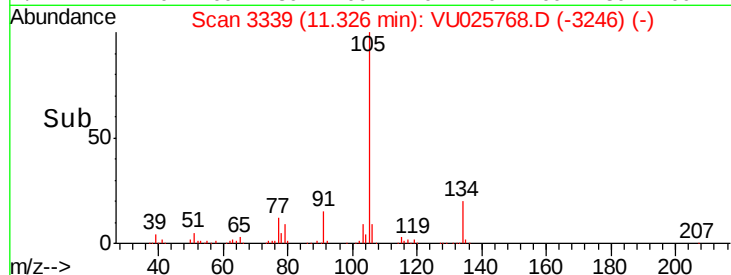
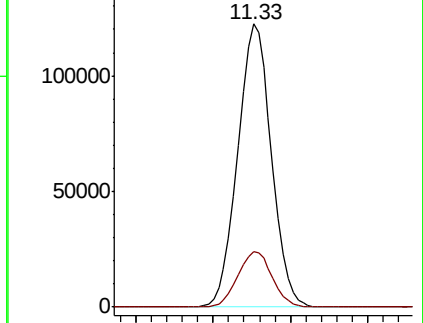
105 100

134 20.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.78 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

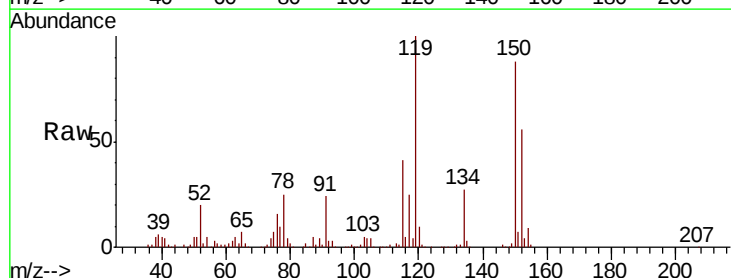
Tgt Ion:119 Resp: 162857

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

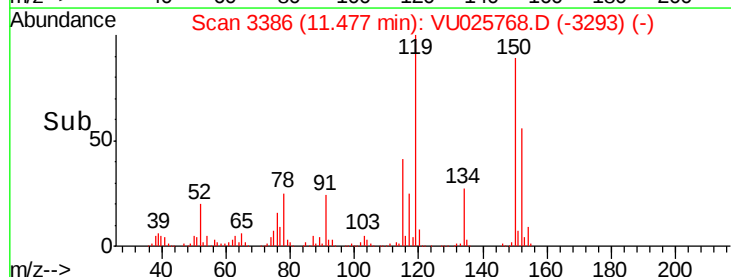
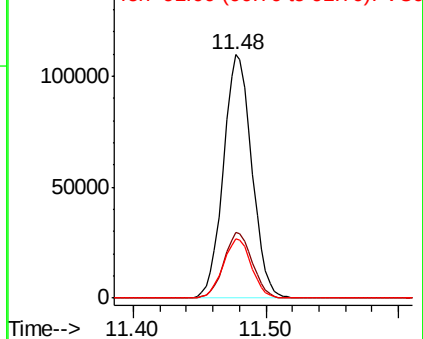
91 24.3 12.0 36.1

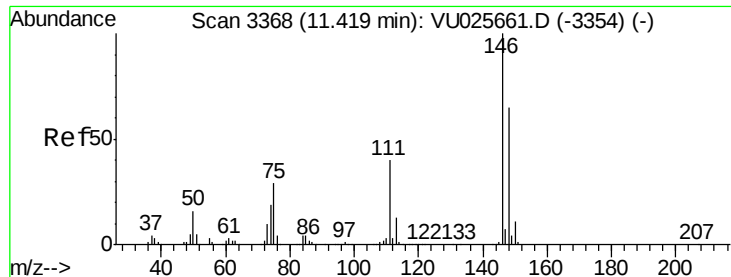


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87

1,3-Dichlorobenzene

Concen: 17.61 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

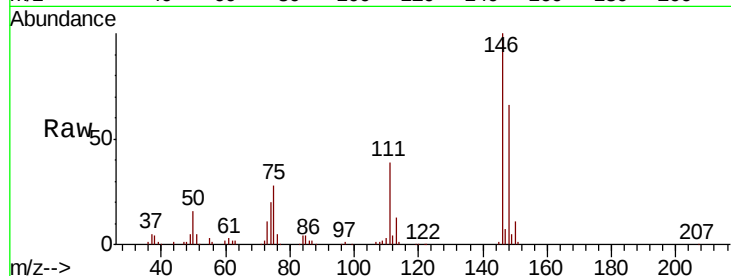
Tot Ion:146 Resp: 89525

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

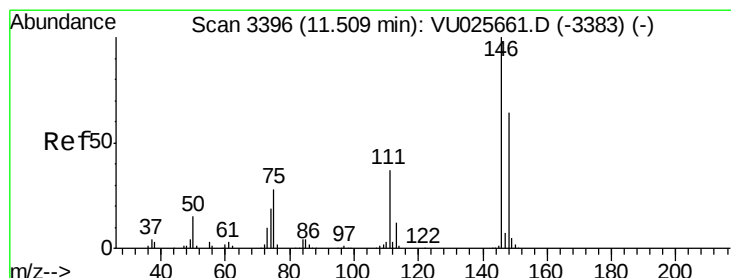
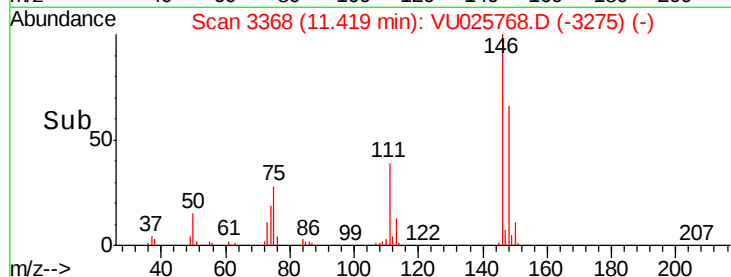
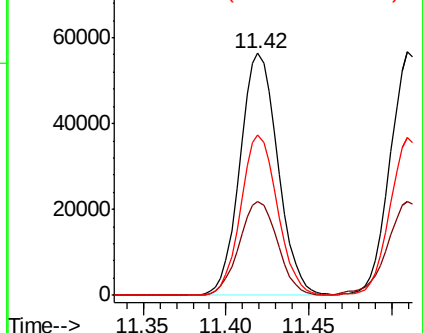
148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.00 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

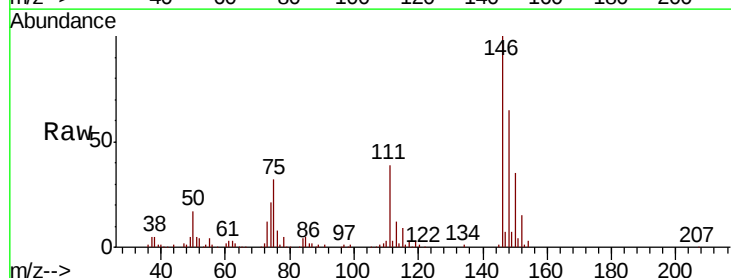
Tgt Ion:146 Resp: 90082

Ion Ratio Lower Upper

146 100

111 40.8 19.4 58.1

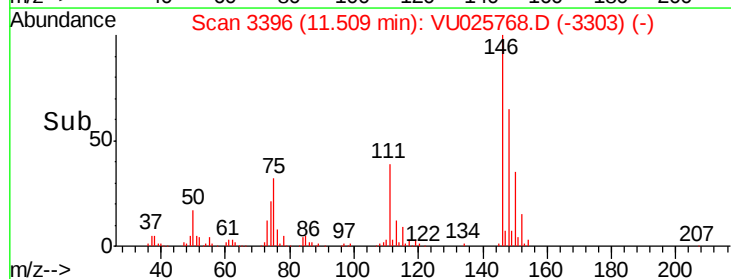
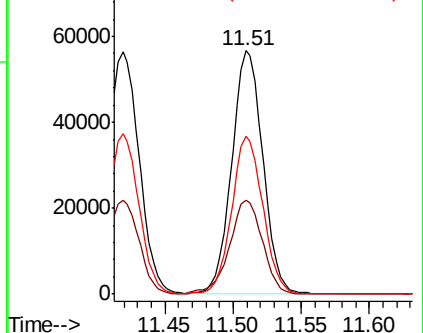
148 64.6 31.7 95.1

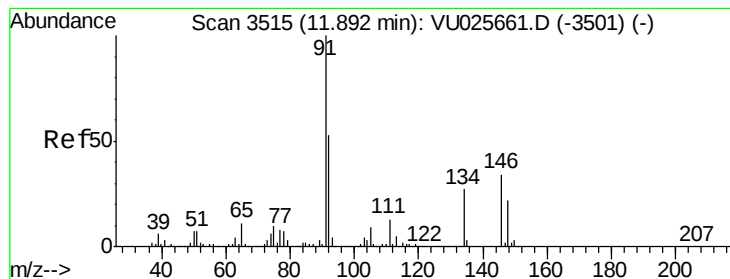


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 16.86 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

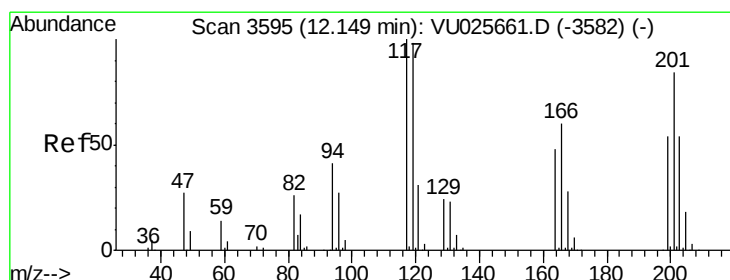
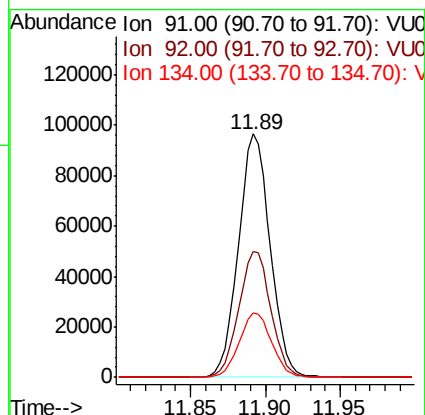
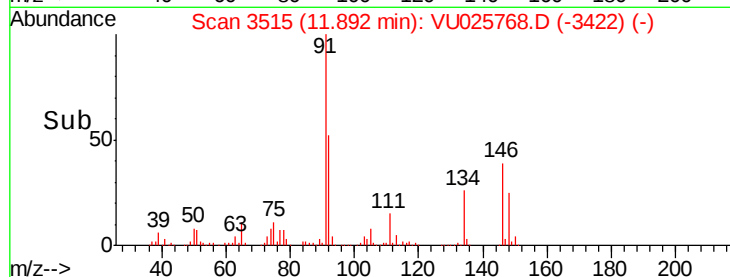
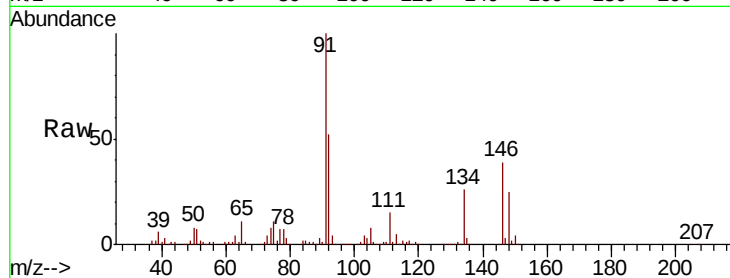
Tot Ion: 91 Resp: 142550

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 26.9 13.6 40.7



#90

Hexachloroethane

Concen: 17.19 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025768.D

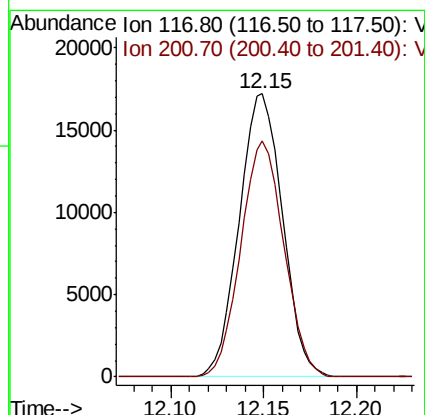
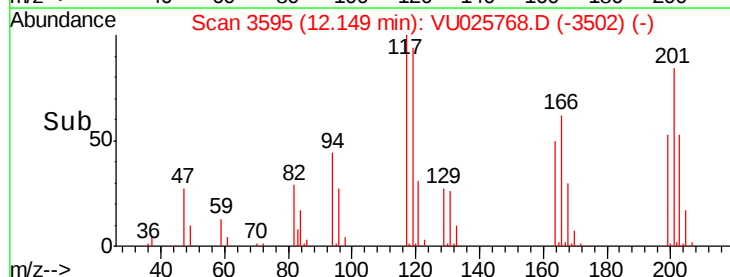
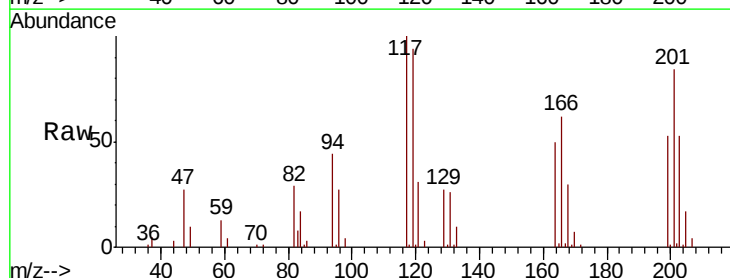
Acq: 01 Aug 2018 11:44

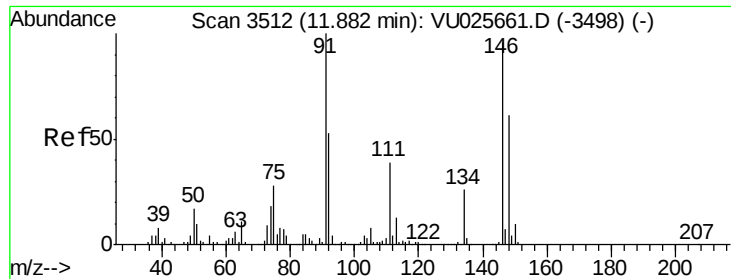
Tgt Ion: 117 Resp: 27996

Ion Ratio Lower Upper

117 100

201 82.7 42.5 127.6

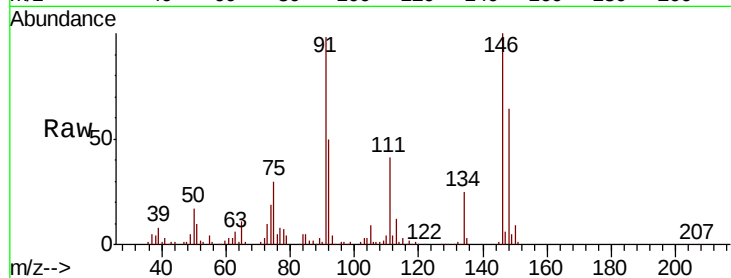




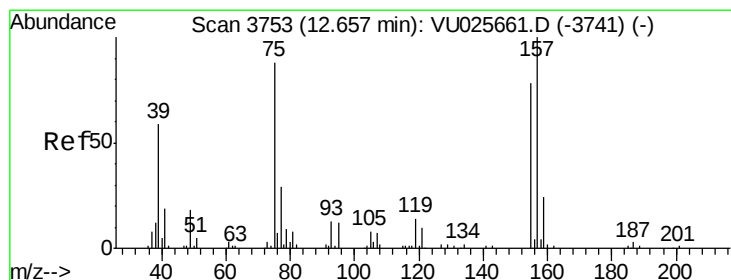
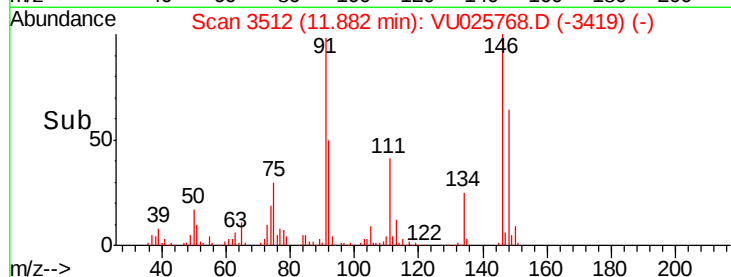
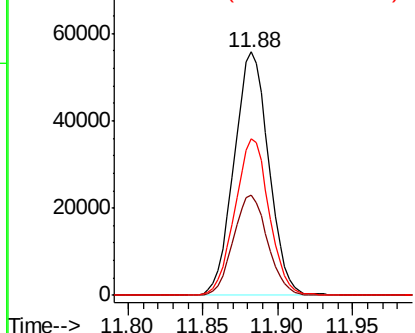
#91
 1,2-Dichlorobenzene
 Concen: 18.08 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

Tot Ion:146 Resp: 90115
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.6 61.8
 148 63.6 31.5 94.5

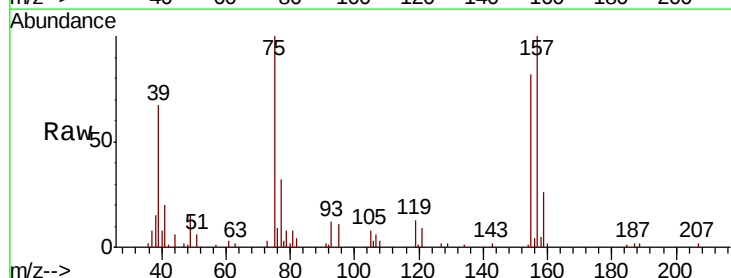


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

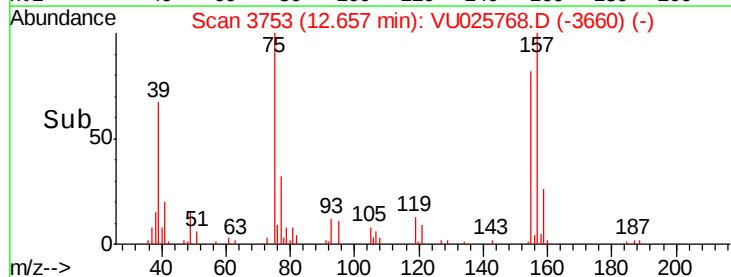
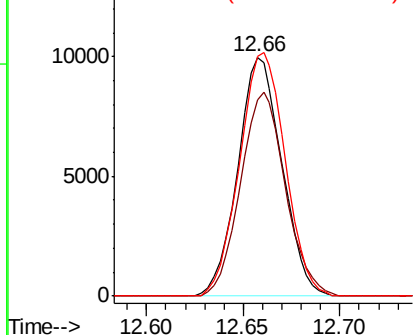


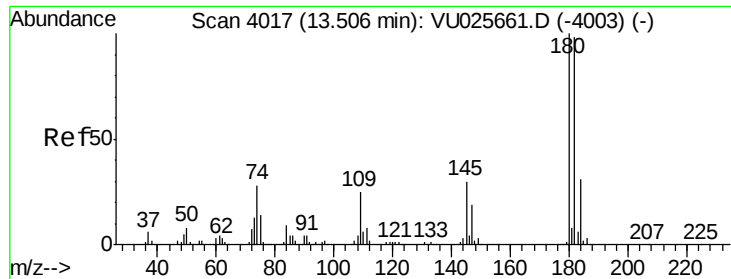
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.46 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Tgt Ion: 75 Resp: 15842
 Ion Ratio Lower Upper
 75 100
 155 86.9 44.5 133.3
 157 105.3 57.0 170.8



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

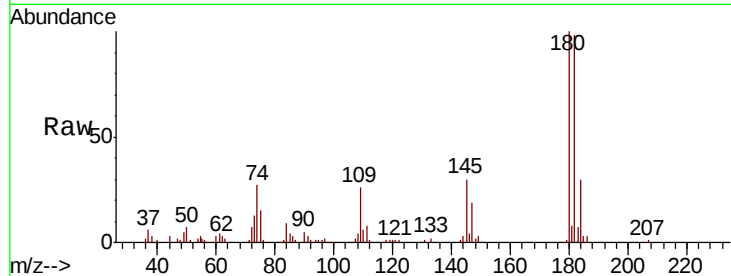




#93
 1,2,4-Trichlorobenzene
 Concen: 17.83 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	141.9
145	28.4	14.9	44.7

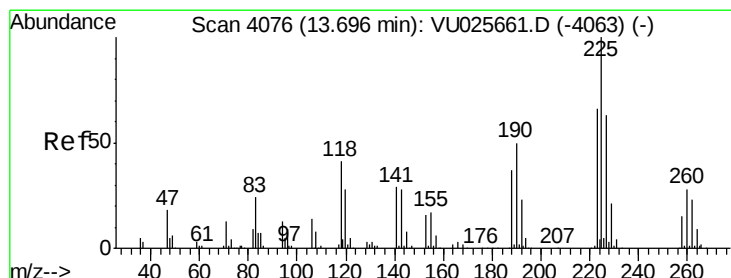
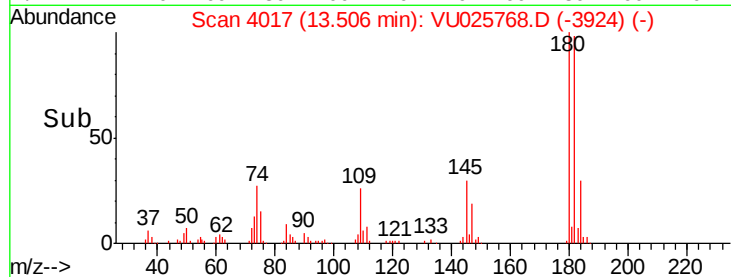
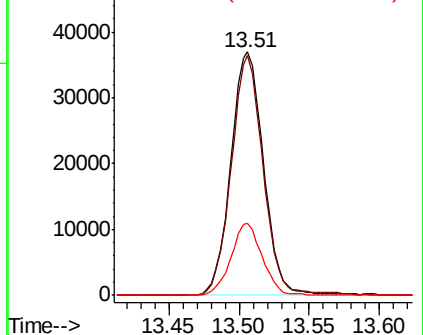


Abundance

Ion 179.80 (179.50 to 180.50): V

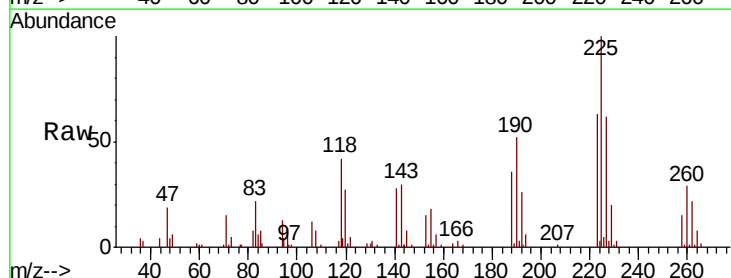
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 16.19 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025768.D
 Acq: 01 Aug 2018 11:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.7
227	62.2	32.3	96.9

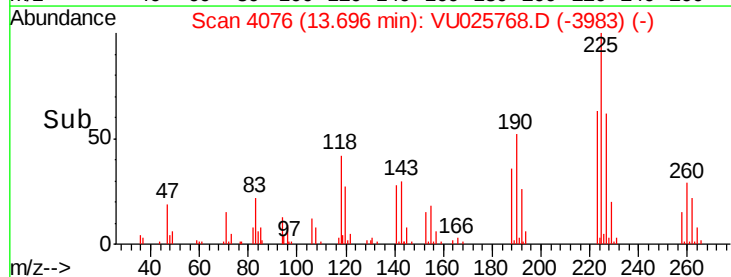
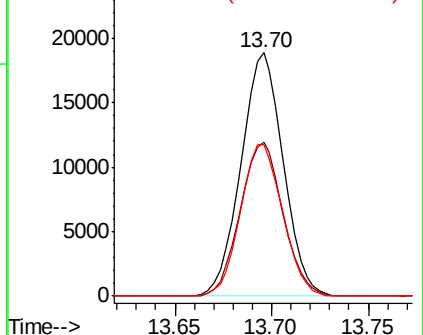


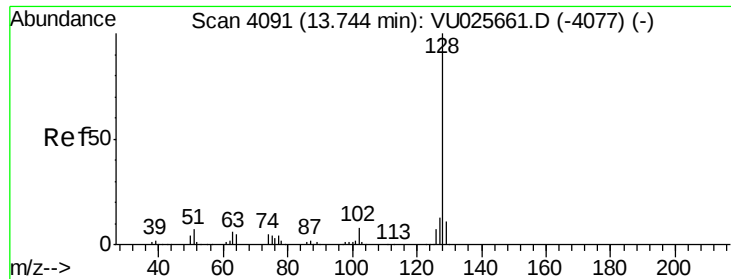
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.18 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD03

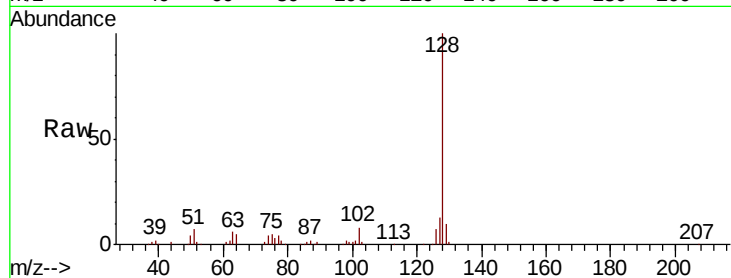
Tot Ion:128 Resp: 187635

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

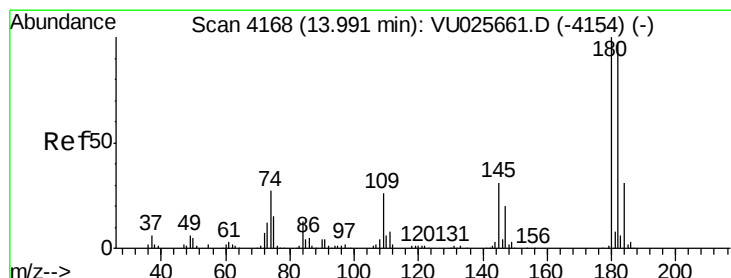
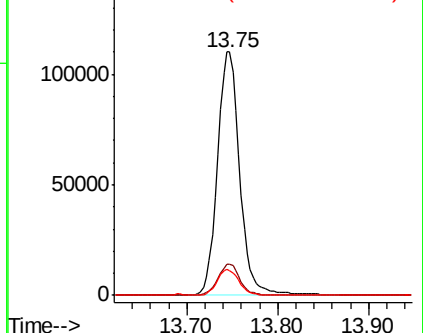
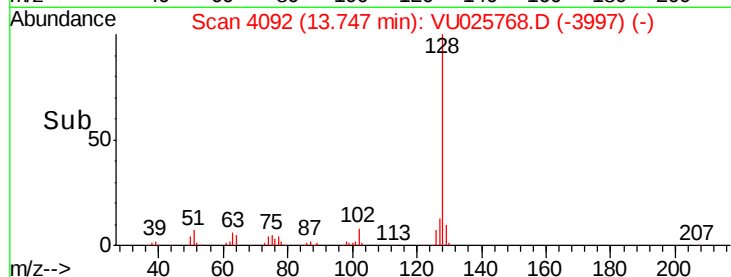
129 10.7 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.53 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025768.D

Acq: 01 Aug 2018 11:44

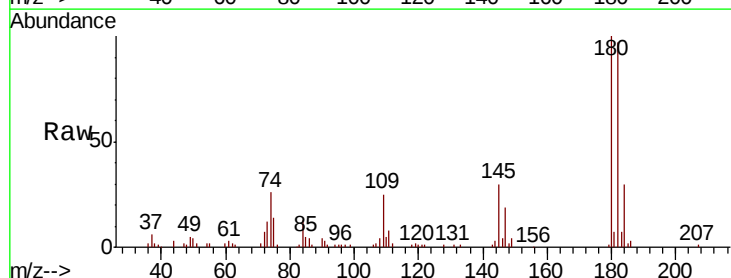
Tgt Ion:180 Resp: 62155

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 31.3 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

