

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025757.D
 Acq On : 31 Jul 2018 22:25
 Operator : MD/SY
 Sample : VU0801WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

Quant Time: Aug 01 05:32:34 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	174323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	265030	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	137609	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	4.89	113	113271	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.57	98	398923	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	10.31	95	153329	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59568	22.61	ug/l	95
3) Chloromethane	1.33	50	48279	19.17	ug/l	98
4) Vinyl Chloride	1.40	62	49807	21.02	ug/l	100
5) Bromomethane	1.63	94	25283	21.84	ug/l	99
6) Chloroethane	1.70	64	28369	20.47	ug/l	95
7) Trichlorofluoromethane	1.89	101	72144	21.05	ug/l	97
8) Diethyl Ether	2.10	74	25686	20.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43364	21.87	ug/l	100
10) Methyl Iodide	2.41	142	31266	22.59	ug/l	99
11) Tert butyl alcohol	2.82	59	57479	96.66	ug/l	100
12) 1,1-Dichloroethene	2.28	96	40113	21.43	ug/l	94
13) Acrolein	2.19	56	27153	125.07	ug/l	99
14) Allyl chloride	2.59	41	65797	19.56	ug/l	97
15) Acrylonitrile	2.94	53	122091	102.83	ug/l	97
16) Acetone	2.32	43	113765	85.91	ug/l	95
17) Carbon Disulfide	2.48	76	118364	19.54	ug/l	99
18) Methyl Acetate	2.62	43	78300	24.57	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	145684	21.48	ug/l	99
20) Methylene Chloride	2.70	84	47379	20.19	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	45439	21.00	ug/l	100
22) Diisopropyl ether	3.57	45	141994	21.42	ug/l	96
23) Vinyl Acetate	3.53	43	591486	102.40	ug/l	98
24) 1,1-Dichloroethane	3.45	63	85447	21.48	ug/l	98
25) 2-Butanone	4.26	43	178041	98.77	ug/l	100
26) 2,2-Dichloropropane	4.23	77	63631	17.59	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	50460	20.69	ug/l	97
28) Bromochloromethane	4.55	49	37302	20.97	ug/l	98
29) Tetrahydrofuran	4.64	42	111283	103.04	ug/l	99
30) Chloroform	4.68	83	87213	20.77	ug/l	99
31) Cyclohexane	5.00	56	74275	20.67	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	81367	21.52	ug/l	99
36) 1,1-Dichloropropene	5.14	75	66054	21.33	ug/l	99
37) Ethyl Acetate	4.38	43	65699	20.46	ug/l	98
38) Carbon Tetrachloride	5.14	117	72576	20.69	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025757.D
 Acq On : 31 Jul 2018 22:25
 Operator : MD/SY
 Sample : VU0801WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

Quant Time: Aug 01 05:32:34 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	71343	20.10	ug/l	99
40) Benzene	5.39	78	186756	20.63	ug/l	98
41) Methacrylonitrile	4.54	41	37094	20.79	ug/l	99
42) 1,2-Dichloroethane	5.41	62	72146	20.70	ug/l	100
43) Isopropyl Acetate	5.55	43	109563	20.64	ug/l	99
44) Trichloroethene	6.19	130	52665	20.89	ug/l	97
45) 1,2-Dichloropropane	6.44	63	48542	20.56	ug/l	99
46) Dibromomethane	6.56	93	35323	20.65	ug/l	99
47) Bromodichloromethane	6.76	83	66600	20.41	ug/l	96
48) Methyl methacrylate	6.63	41	55022	21.15	ug/l	99
49) 1,4-Dioxane	6.62	88	24476	386.69	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	342817	103.18	ug/l	100
52) Toluene	7.64	92	118909	21.14	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	73544	20.07	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	77887	20.69	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	47629	20.38	ug/l	99
56) Ethyl methacrylate	8.02	69	69595	20.84	ug/l	98
57) 1,3-Dichloropropane	8.25	76	82053	20.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	135357	94.04	ug/l	99
59) 2-Hexanone	8.36	43	261659	100.46	ug/l	98
60) Dibromochloromethane	8.48	129	54955	19.94	ug/l	100
61) 1,2-Dibromoethane	8.59	107	53357	20.53	ug/l	98
64) Tetrachloroethene	8.23	164	48736	21.79	ug/l	98
65) Chlorobenzene	9.12	112	137511	20.99	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	49343	20.82	ug/l	97
67) Ethyl Benzene	9.25	91	225830	20.81	ug/l	99
68) m/p-Xylenes	9.38	106	179437	43.06	ug/l	98
69) o-Xylene	9.78	106	85803	21.07	ug/l	99
70) Styrene	9.80	104	138471	21.05	ug/l	99
71) Bromoform	9.96	173	42684	20.77	ug/l #	99
73) Isopropylbenzene	10.17	105	231474	21.52	ug/l	100
74) N-amyl acetate	10.01	43	94640	21.55	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	78282	21.04	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	88350	25.44	ug/l	84
77) Bromobenzene	10.45	156	62625	21.10	ug/l	98
78) n-propylbenzene	10.59	91	269731	21.48	ug/l	99
79) 2-Chlorotoluene	10.66	91	159686	21.71	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	197956	21.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	88350	63.79	ug/l #	100
82) 4-Chlorotoluene	10.78	91	188923	21.79	ug/l	98
83) tert-Butylbenzene	11.10	119	194578	21.43	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	203848	22.02	ug/l	98
85) sec-Butylbenzene	11.33	105	234880	21.19	ug/l	100
86) p-Isopropyltoluene	11.48	119	210069	21.17	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	116605	21.17	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	121074	21.09	ug/l	99
89) n-Butylbenzene	11.89	91	187287	20.45	ug/l	99
90) Hexachloroethane	12.15	117	34476	19.54	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	116435	21.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19024	21.57	ug/l	97

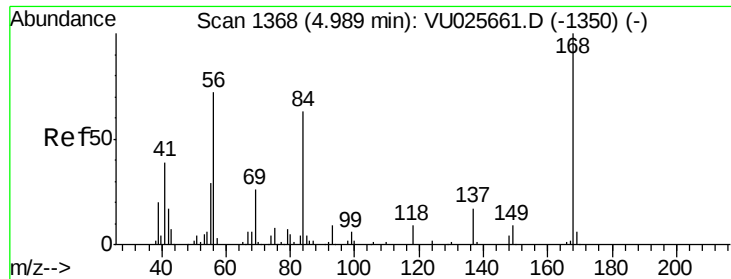
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025757.D
Acq On : 31 Jul 2018 22:25
Operator : MD/SY
Sample : VU0801WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

Quant Time: Aug 01 05:32:34 2018
Quant Method : Z:\V0ASRV\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	77909	21.38	ug/l	98
94) Hexachlorobutadiene	13.70	225	35474	18.47	ug/l	99
95) Naphthalene	13.74	128	236397	20.94	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	80668	22.19	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: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

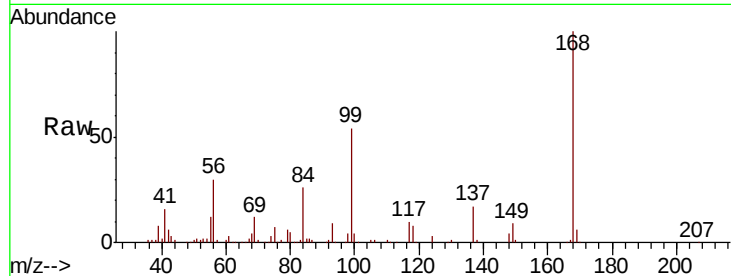
VU0801WBSD01

Tot Ion:168 Resp: 174323

Ion Ratio Lower Upper

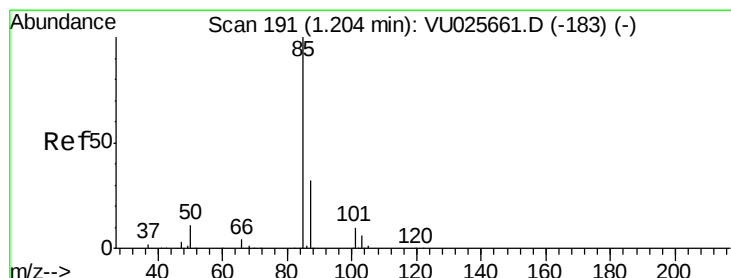
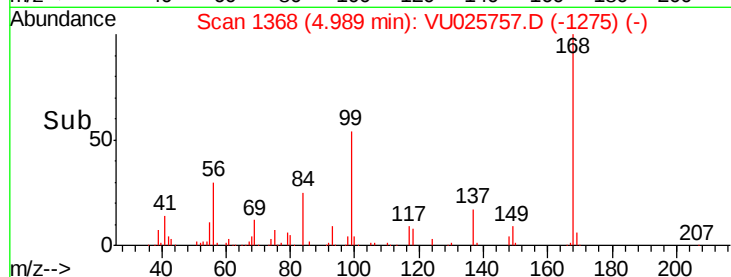
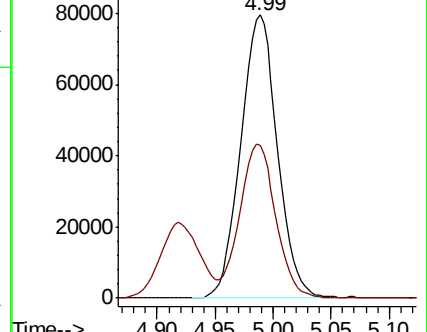
168 100

99 53.7 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) (-)



#2

Dichlorodifluoromethane

Concen: 22.61 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025757.D

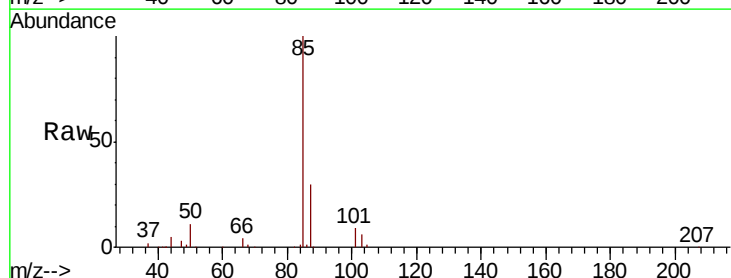
Acq: 31 Jul 2018 22:25

Tgt Ion: 85 Resp: 59568

Ion Ratio Lower Upper

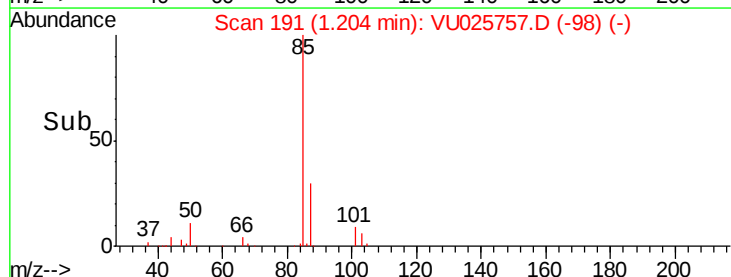
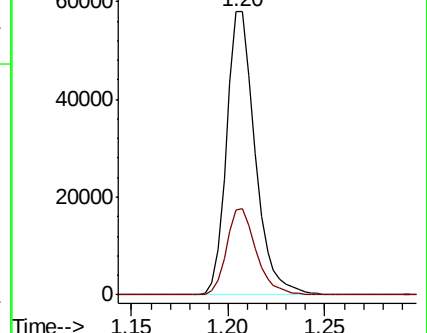
85 100

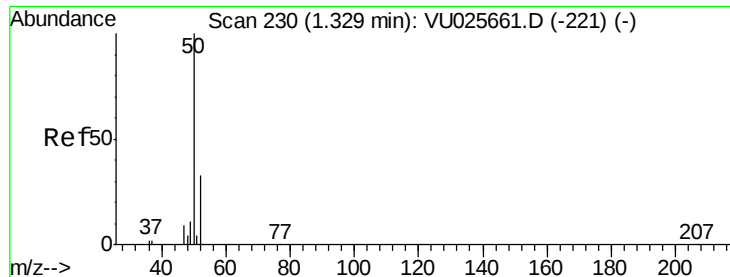
87 30.1 16.5 49.5



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

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





#3

Chloromethane

Concen: 19.17 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

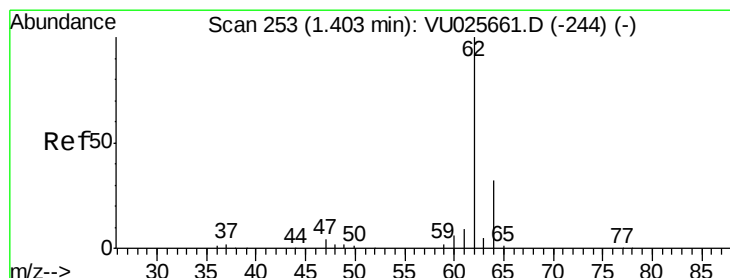
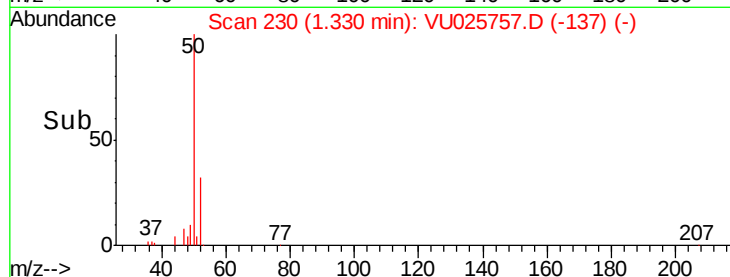
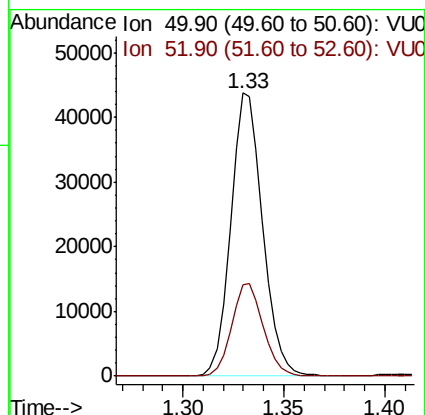
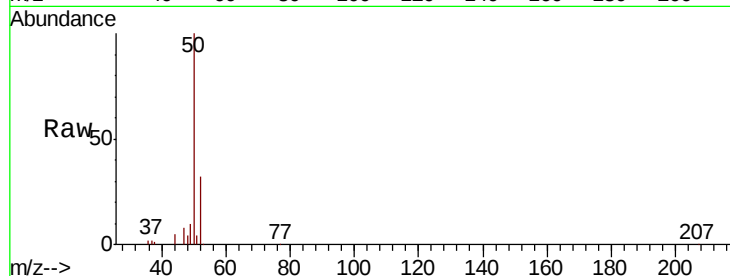
VU0801WBSD01

Tot Ion: 50 Resp: 48279

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 21.02 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025757.D

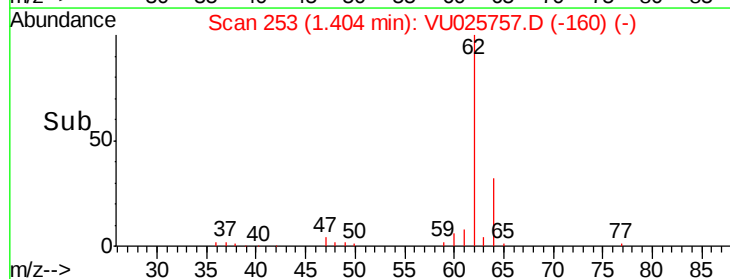
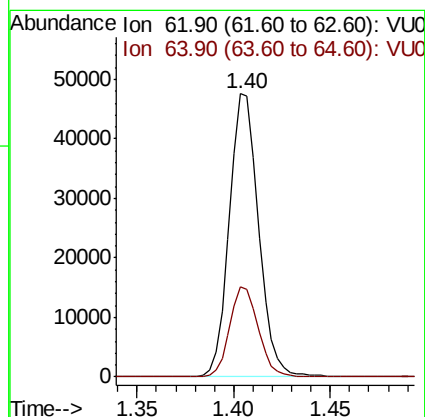
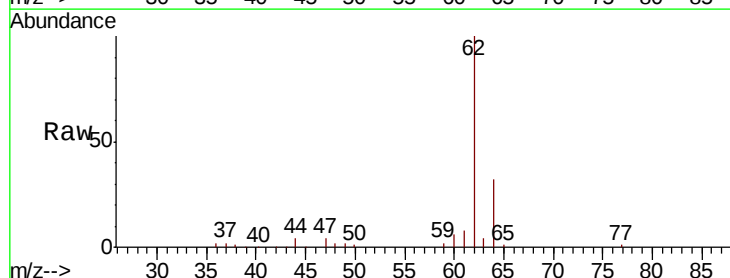
Acq: 31 Jul 2018 22:25

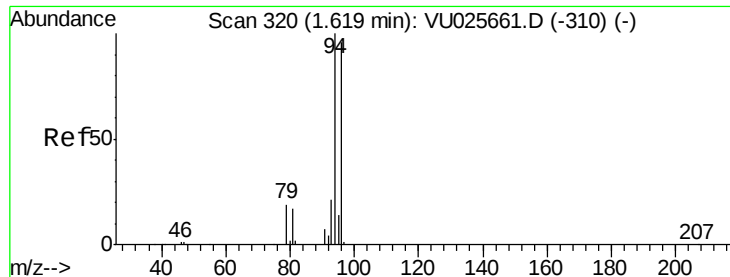
Tgt Ion: 62 Resp: 49807

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 21.84 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

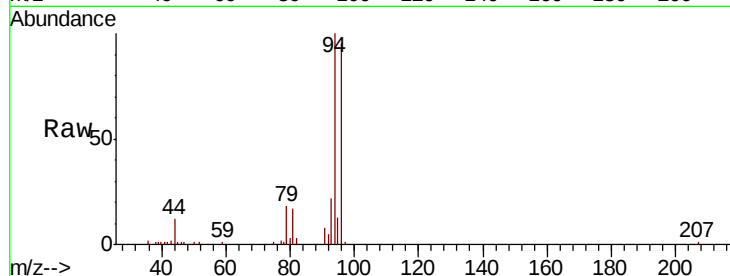
VU0801WBSD01

Tot Ion: 94 Resp: 25283

Ion Ratio Lower Upper

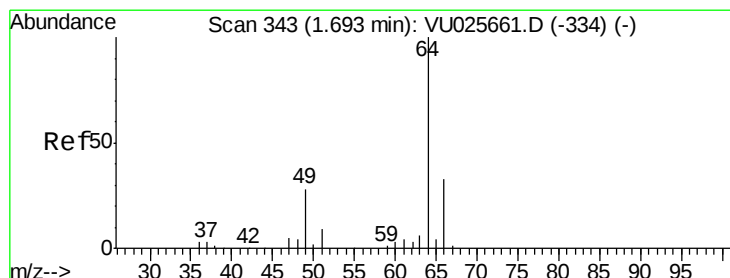
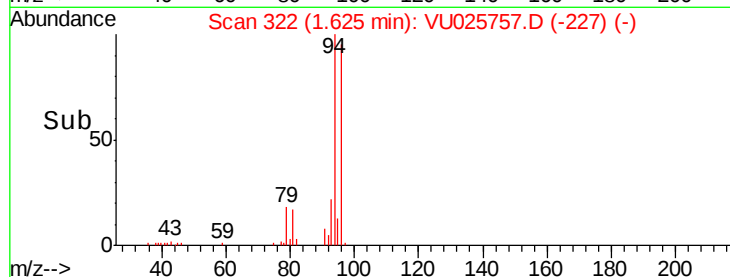
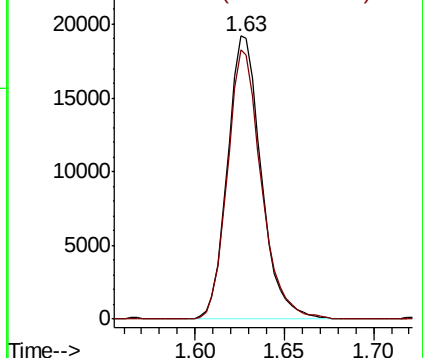
94 100

96 95.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 20.47 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025757.D

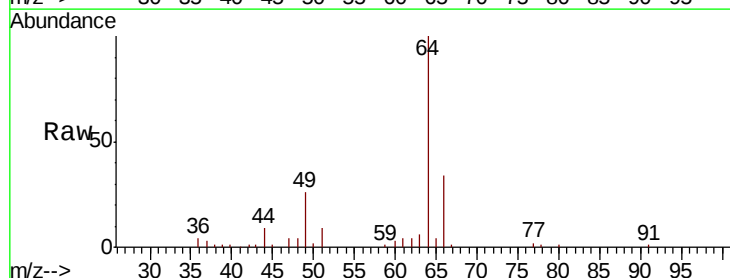
Acq: 31 Jul 2018 22:25

Tgt Ion: 64 Resp: 28369

Ion Ratio Lower Upper

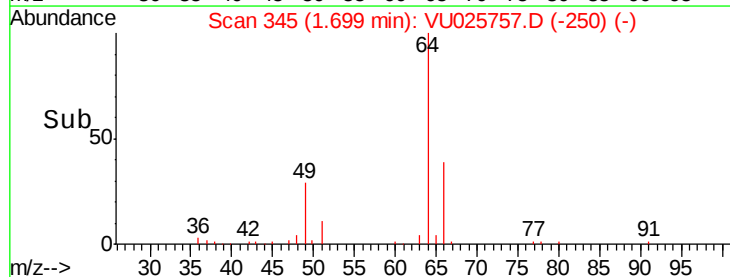
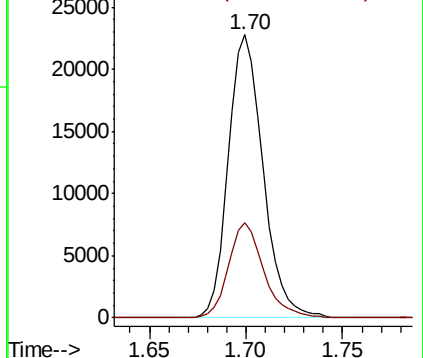
64 100

66 33.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 21.05 ug/l

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

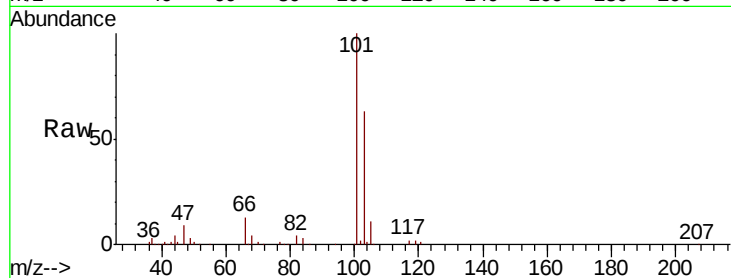
VU0801WBSD01

Tot Ion:101 Resp: 72144

Ion Ratio Lower Upper

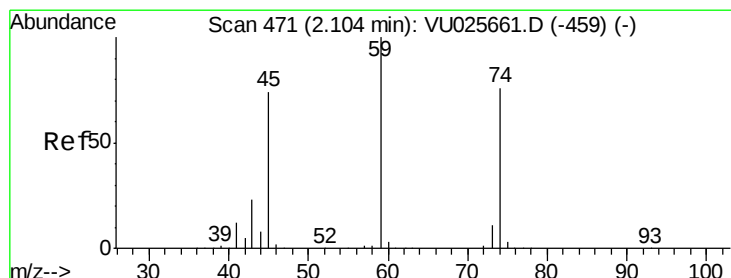
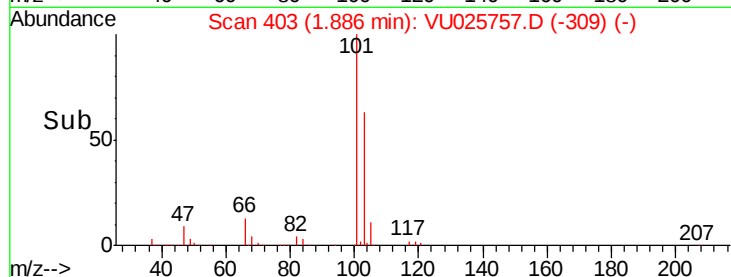
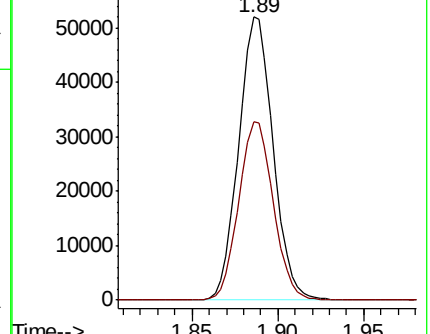
101 100

103 63.1 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: 20.72 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025757.D

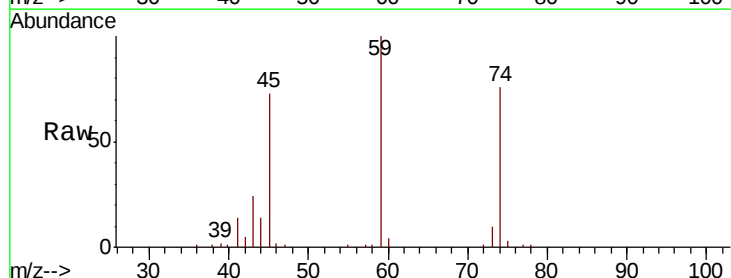
Acq: 31 Jul 2018 22:25

Tgt Ion: 74 Resp: 25686

Ion Ratio Lower Upper

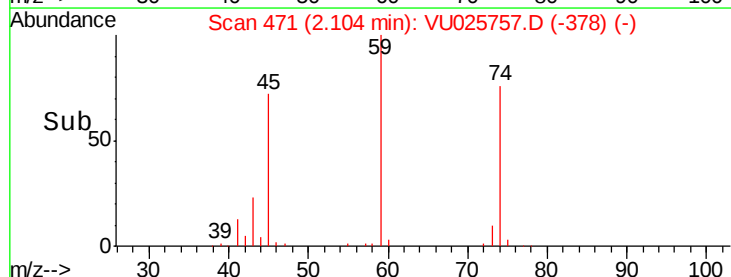
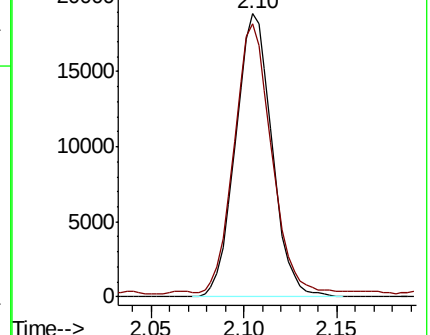
74 100

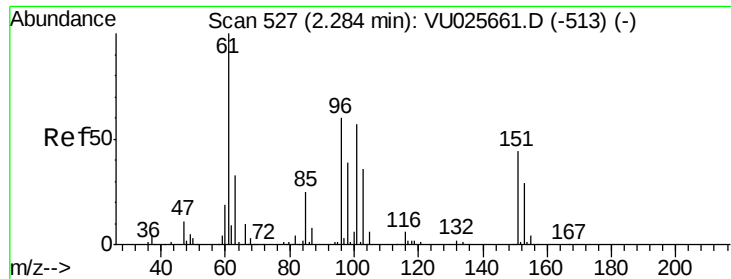
45 97.5 48.3 144.9



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: 21.87 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

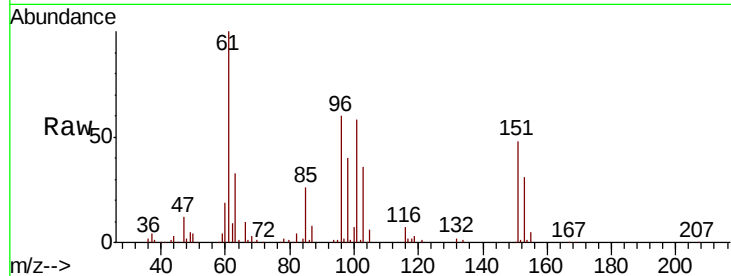
Tot Ion:101 Resp: 43364

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

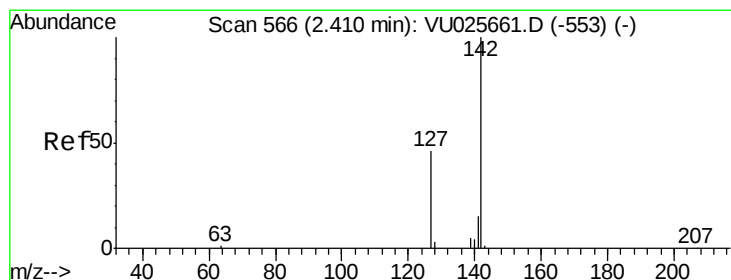
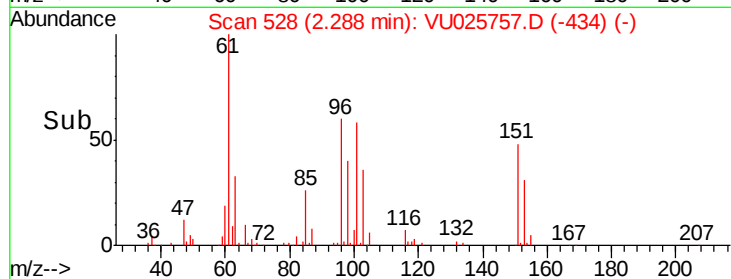
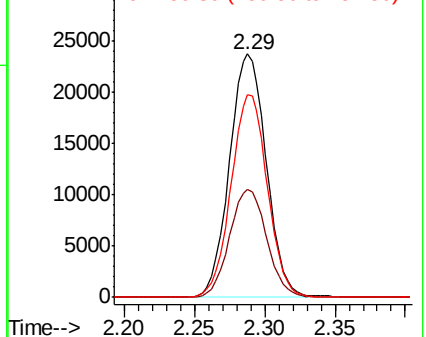
151 82.1 65.6 98.4



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: 22.59 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

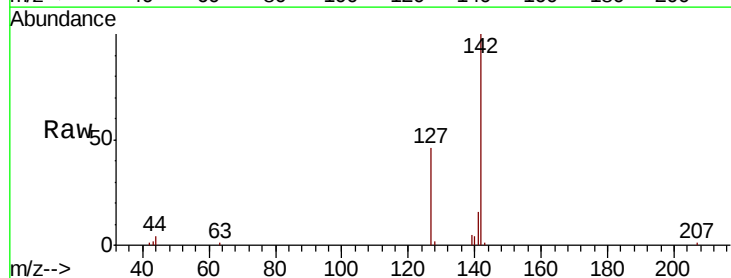
Tgt Ion:142 Resp: 31266

Ion Ratio Lower Upper

142 100

127 44.8 36.5 54.7

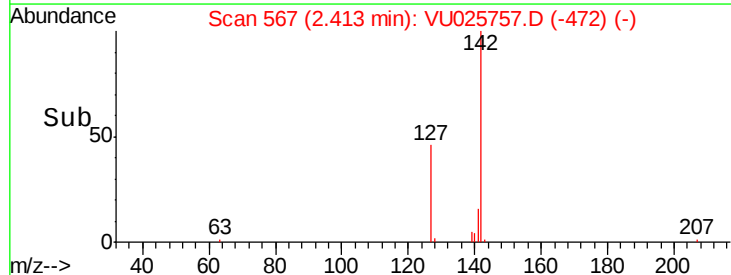
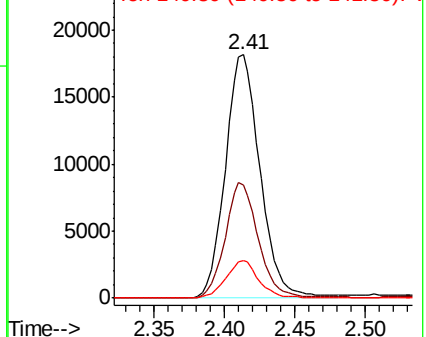
141 14.4 11.4 17.2

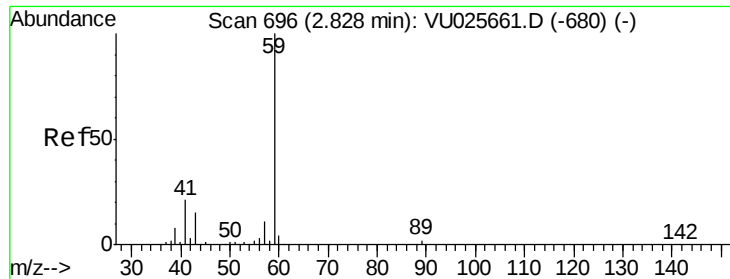


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

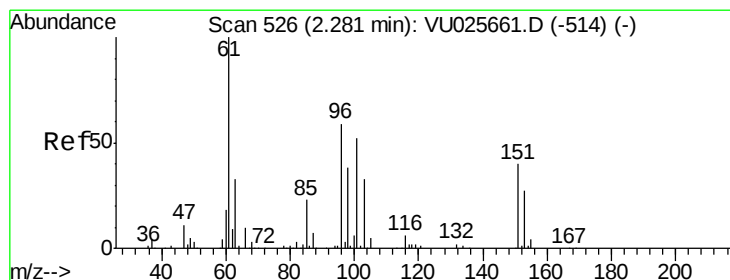
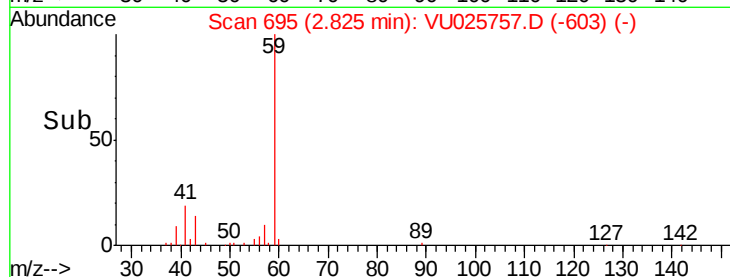
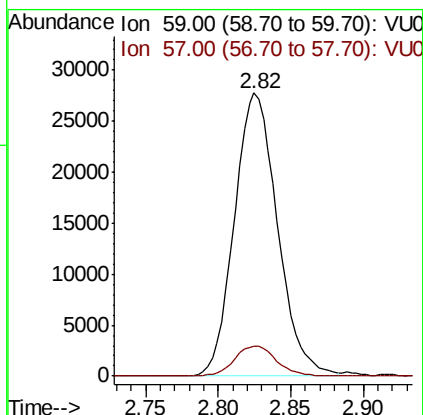
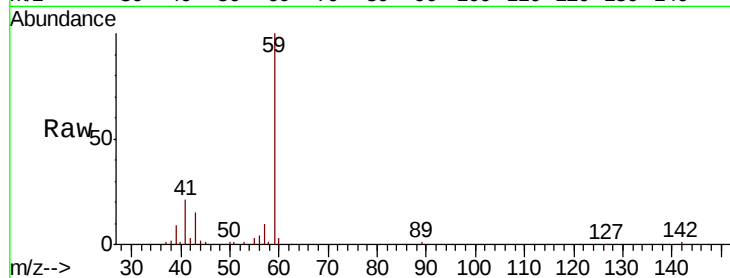




#11
Tert butyl alcohol
Concen: 96.66 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

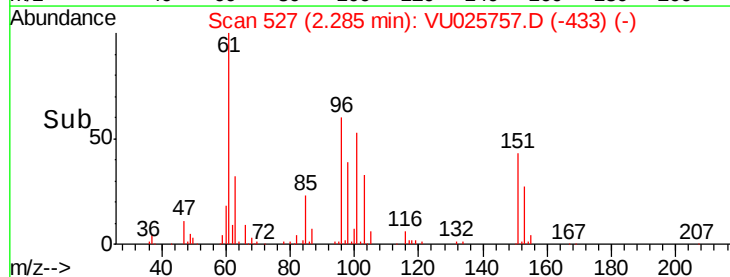
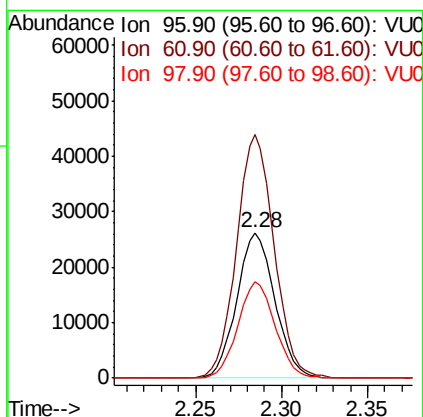
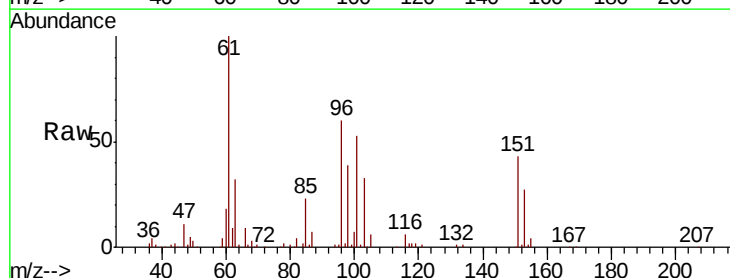
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

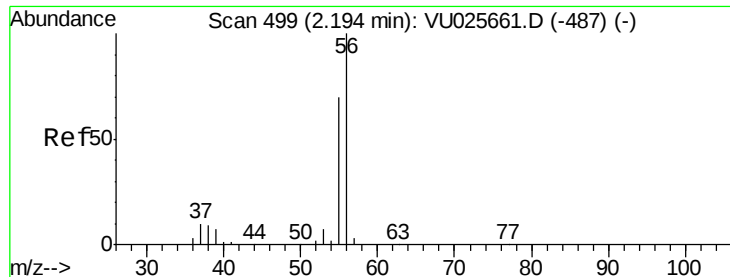
Tot Ion: 59 Resp: 57479
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.43 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion: 96 Resp: 40113
Ion Ratio Lower Upper
96 100
61 167.5 140.2 210.4
98 66.1 49.3 73.9





#13

Acrolein

Concen: 125.07 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

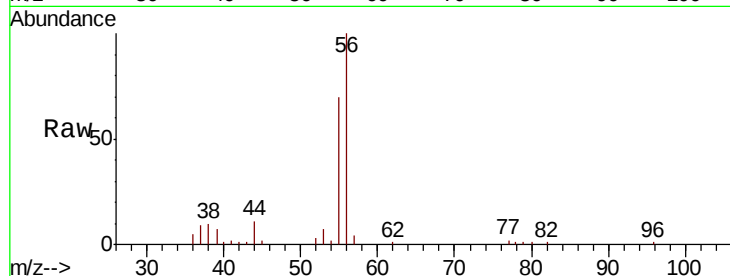
VU0801WBSD01

Tot Ion: 56 Resp: 27153

Ion Ratio Lower Upper

56 100

55 70.7 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.19

20000

15000

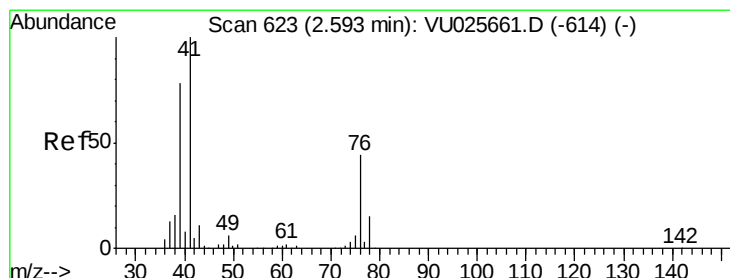
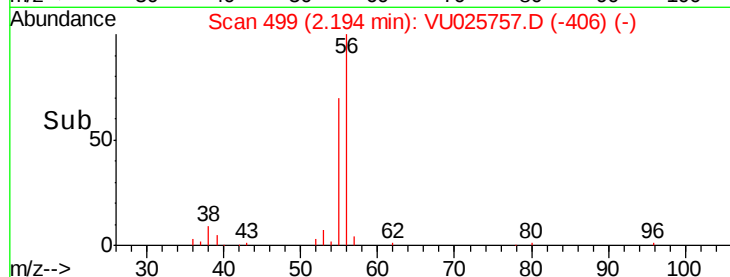
10000

5000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 19.56 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

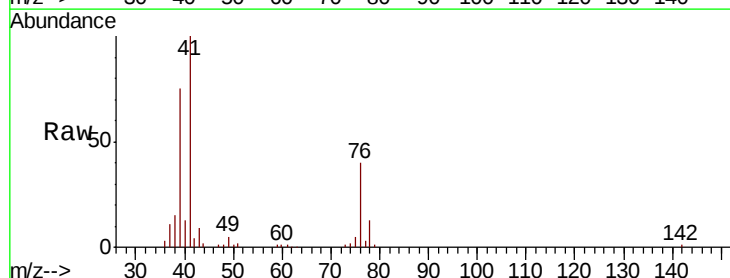
Tgt Ion: 41 Resp: 65797

Ion Ratio Lower Upper

41 100

39 72.1 60.6 91.0

76 38.9 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

50000

40000

30000

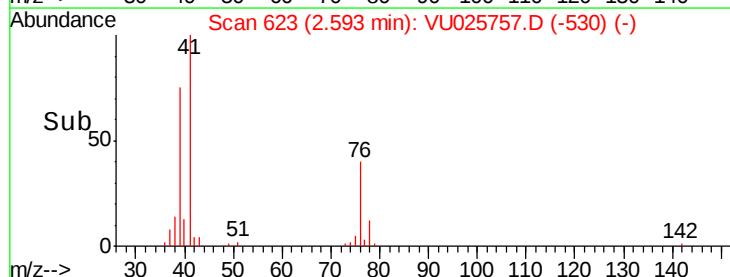
20000

10000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 102.83 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

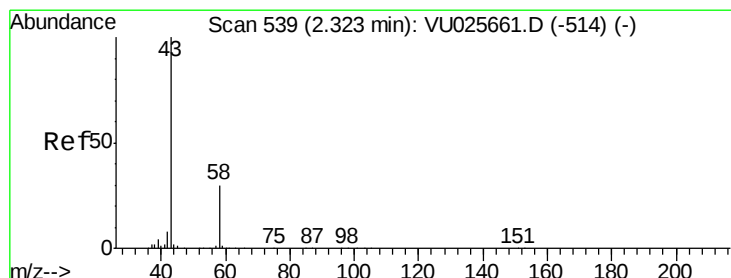
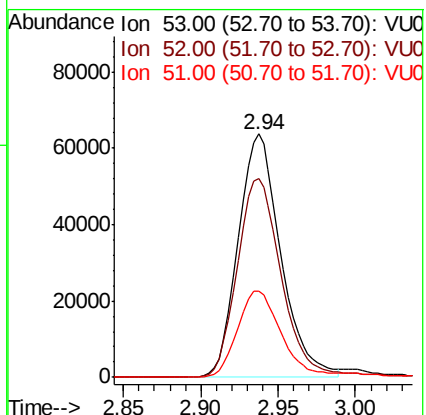
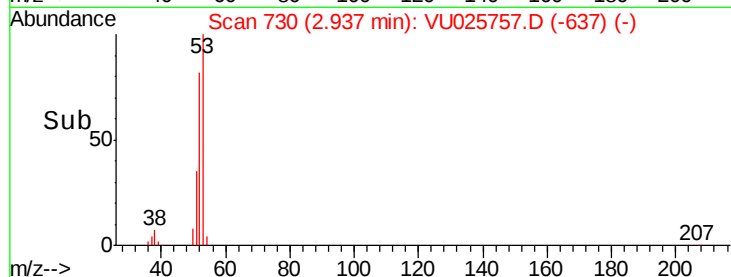
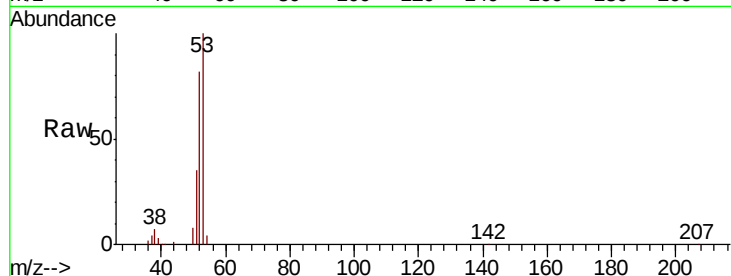
Tot Ion: 53 Resp: 122091

Ion Ratio Lower Upper

53 100

52 85.7 66.6 99.8

51 38.1 29.4 44.2



#16

Acetone

Concen: 85.91 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025757.D

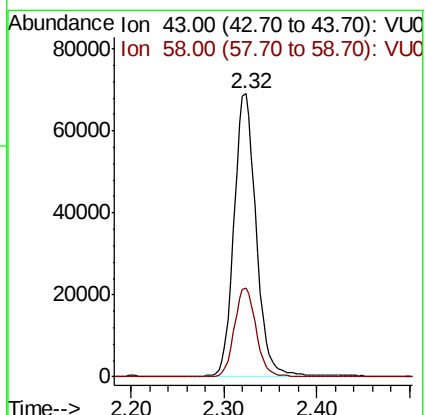
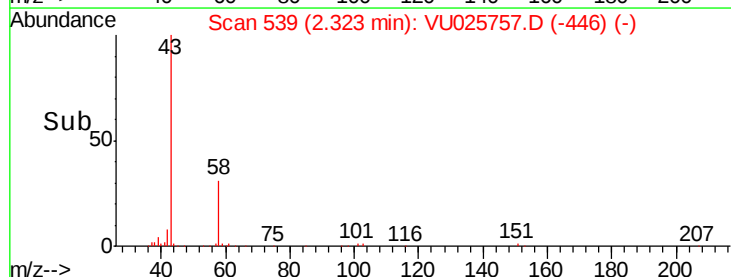
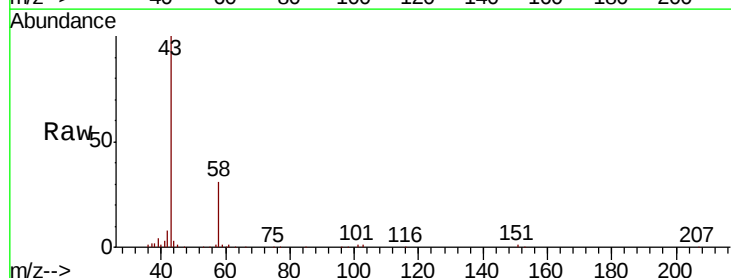
Acq: 31 Jul 2018 22:25

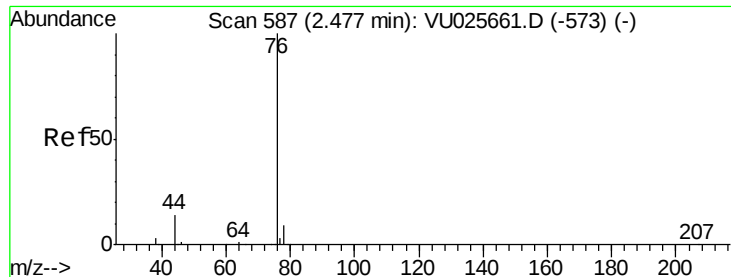
Tgt Ion: 43 Resp: 113765

Ion Ratio Lower Upper

43 100

58 31.4 23.1 34.7





#17

Carbon Disulfide

Concen: 19.54 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

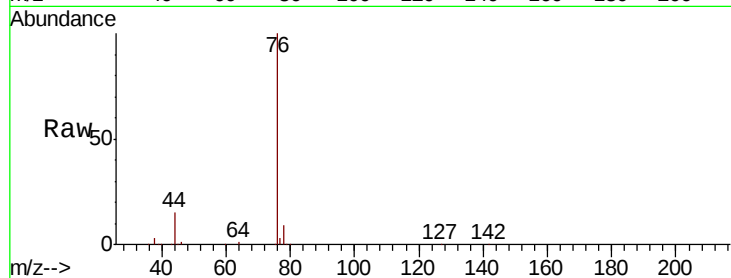
VU0801WBSD01

Tot Ion: 76 Resp: 118364

Ion Ratio Lower Upper

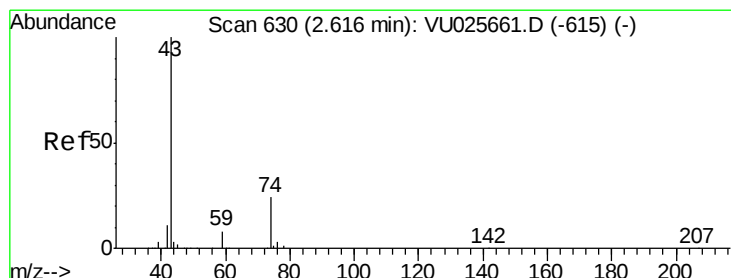
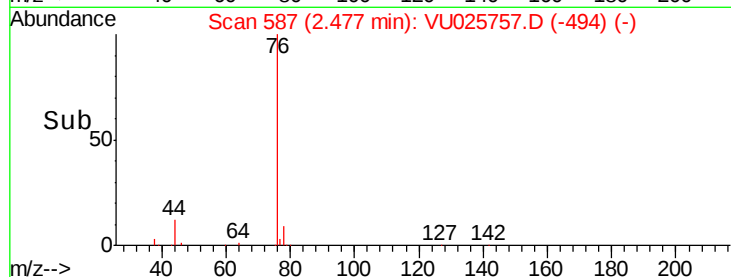
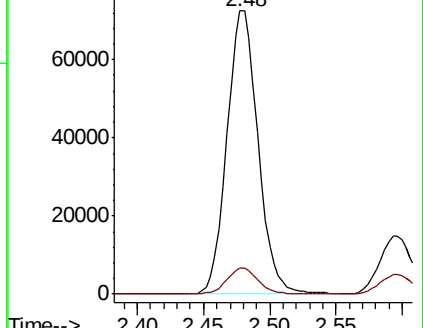
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU025757.D (-494) (-)

Ion 77.90 (77.60 to 78.60): VU025757.D (-494) (-)



#18

Methyl Acetate

Concen: 24.57 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025757.D

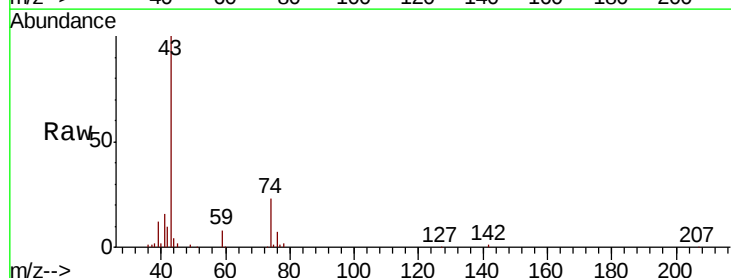
Acq: 31 Jul 2018 22:25

Tgt Ion: 43 Resp: 78300

Ion Ratio Lower Upper

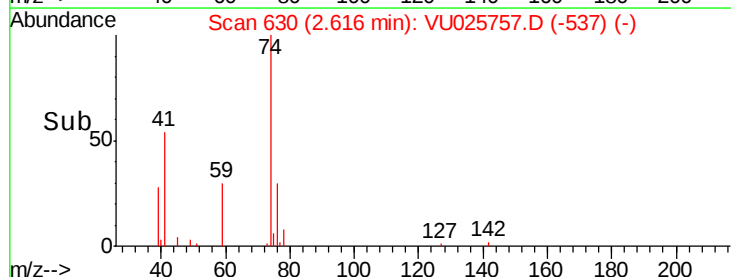
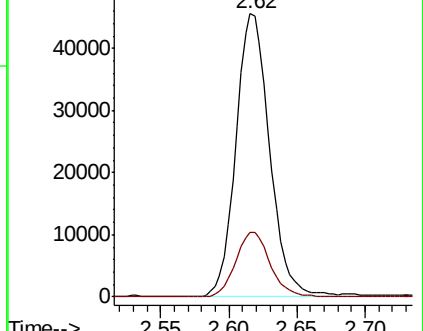
43 100

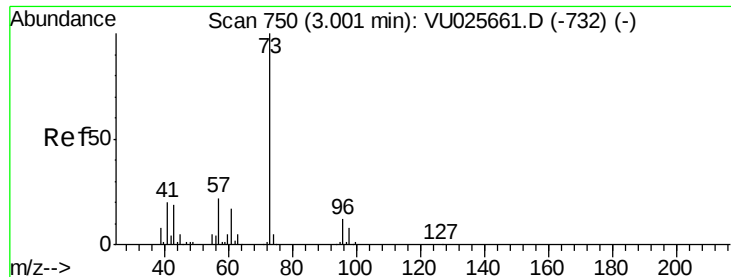
74 23.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU025757.D (-537) (-)

Ion 74.00 (73.70 to 74.70): VU025757.D (-537) (-)



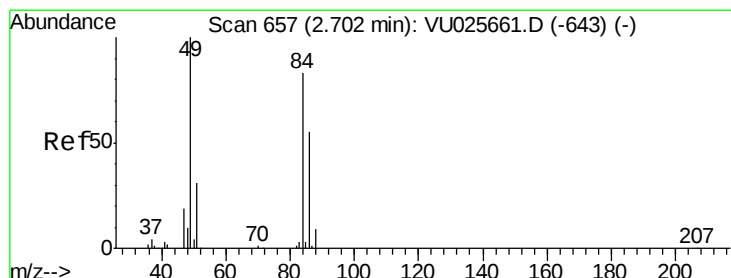
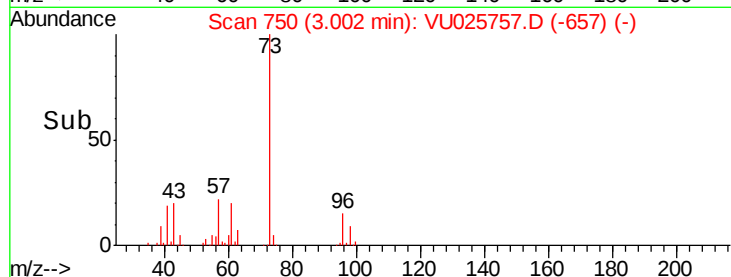
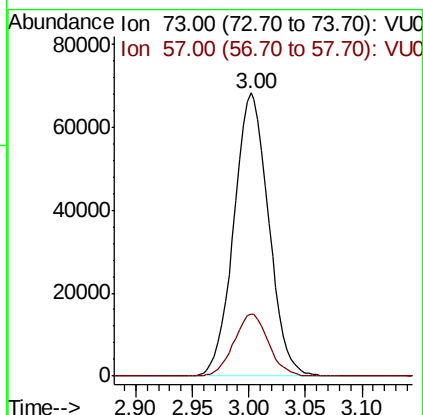
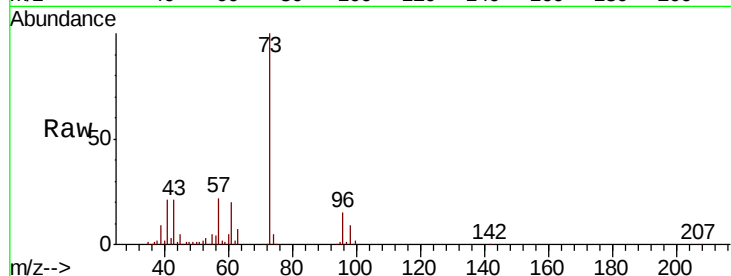


#19

Methyl tert-butyl Ether
 Concen: 21.48 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

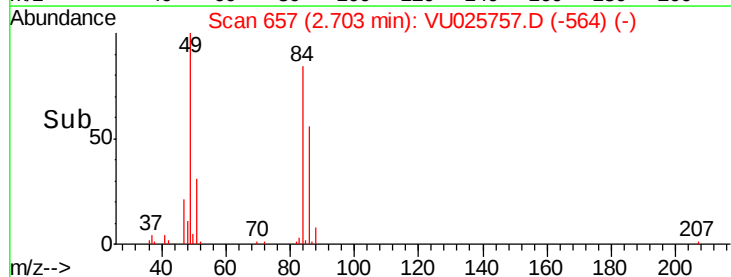
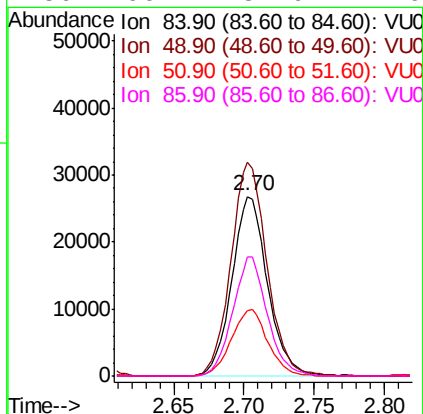
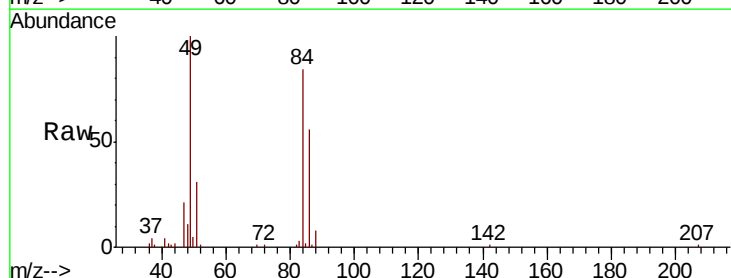
Tot Ion: 73 Resp: 145684
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.4 26.2

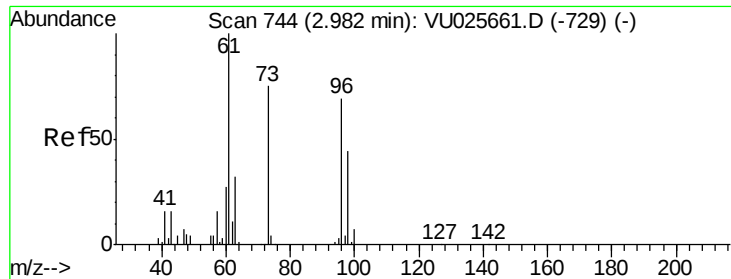


#20

Methylene Chloride
 Concen: 20.19 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion: 84 Resp: 47379
 Ion Ratio Lower Upper
 84 100
 49 119.1 101.8 152.6
 51 36.4 30.8 46.2
 86 66.2 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 21.00 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

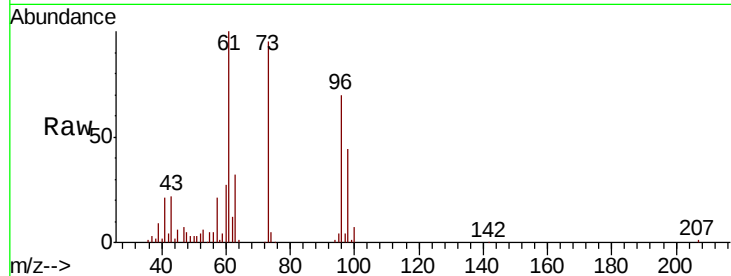
Tot Ion: 96 Resp: 45439

Ion Ratio Lower Upper

96 100

61 143.1 114.5 171.7

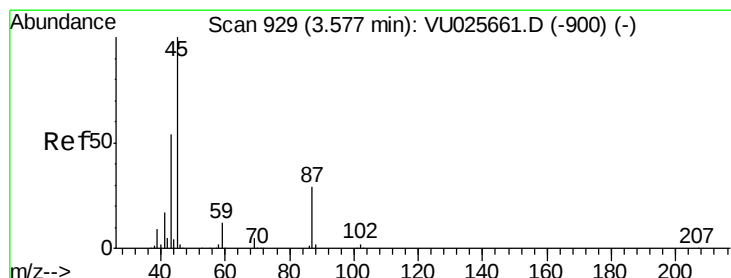
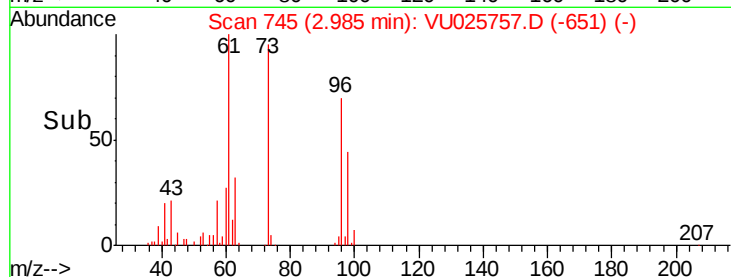
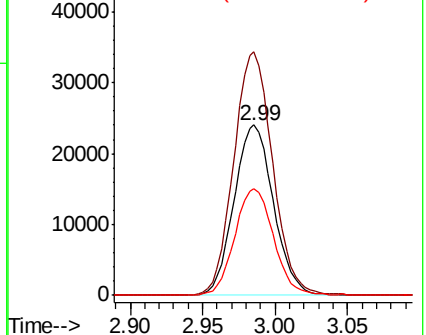
98 62.5 50.5 75.7



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: 21.42 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Tgt Ion: 45 Resp: 141994

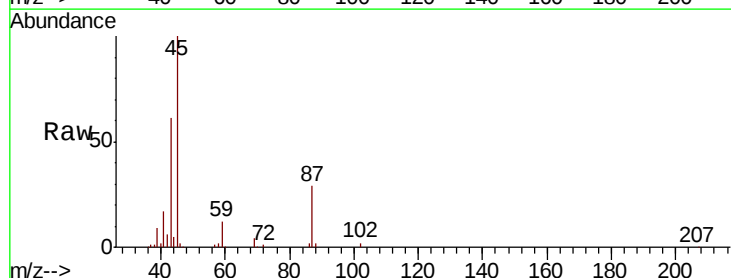
Ion Ratio Lower Upper

45 100

43 59.6 50.9 76.3

87 28.8 23.8 35.8

59 11.7 9.0 13.4

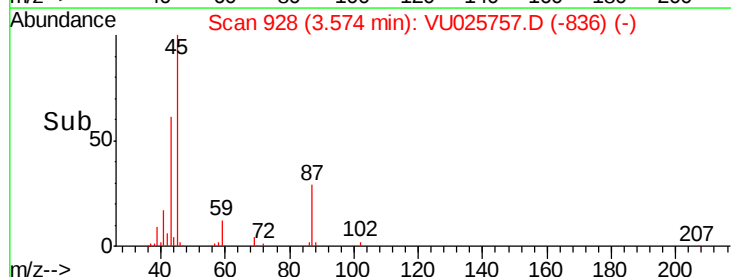
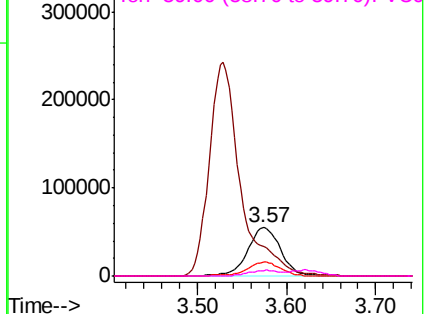


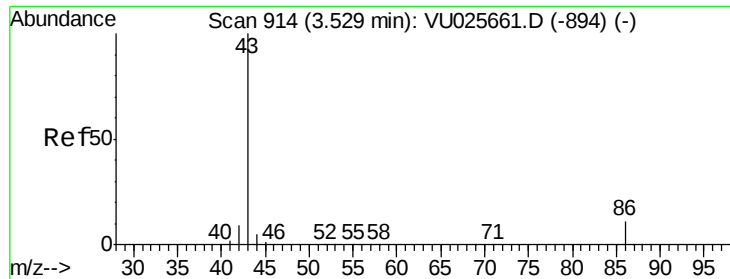
Abundance Ion 45.00 (44.70 to 45.70): VU0

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: 102.40 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

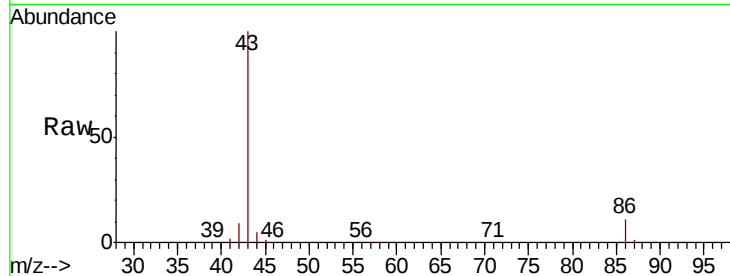
VU0801WBSD01

Tot Ion: 43 Resp: 591486

Ion Ratio Lower Upper

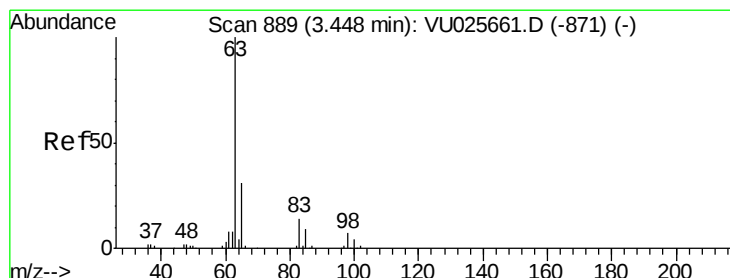
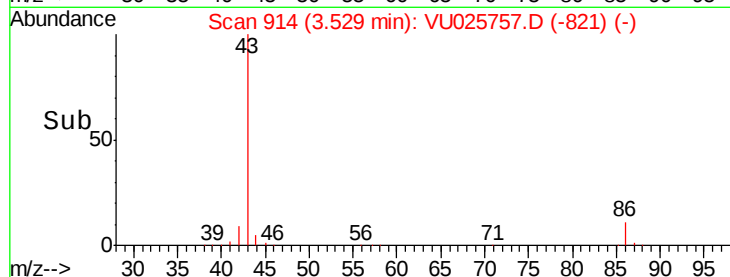
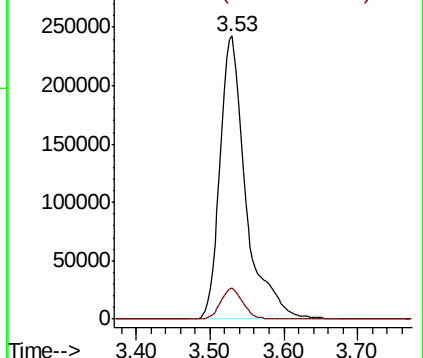
43 100

86 11.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 21.48 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

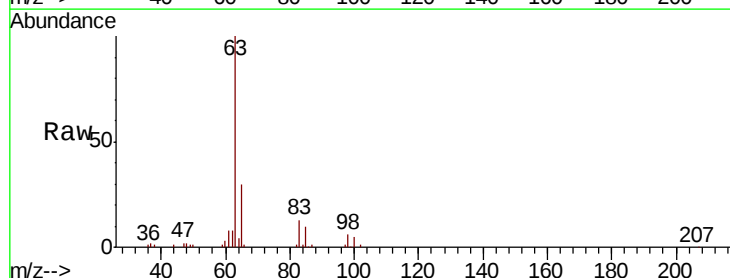
Tgt Ion: 63 Resp: 85447

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

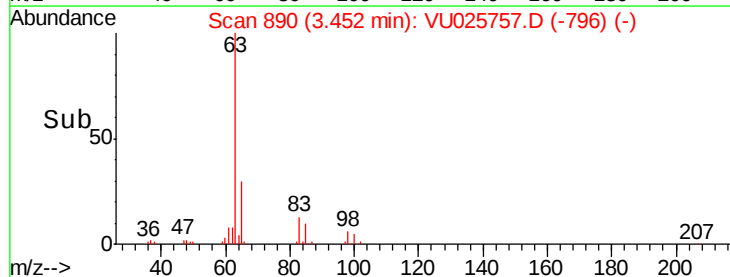
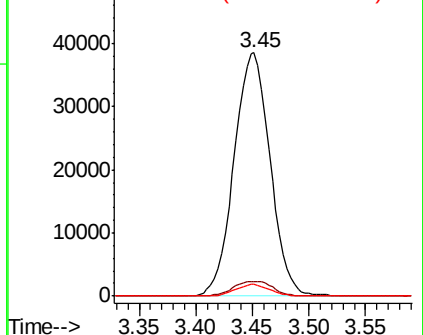
100 4.8 2.0 6.0

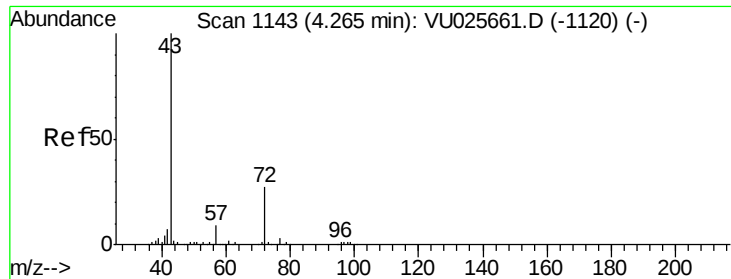


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 98.77 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

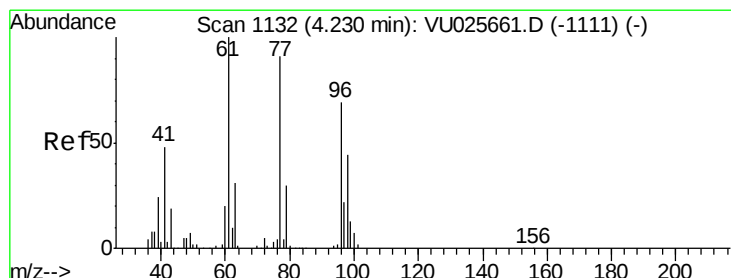
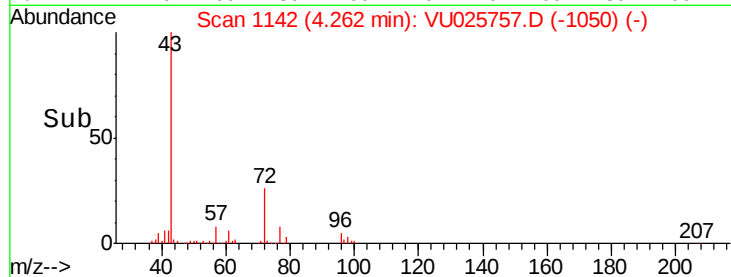
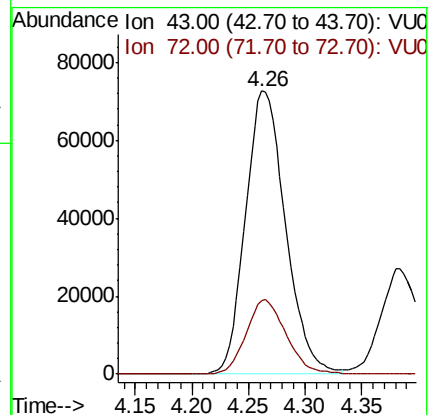
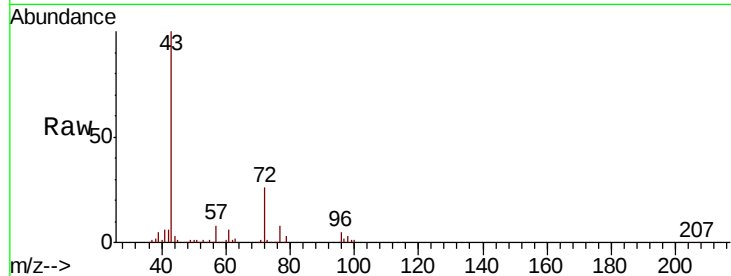
VU0801WBSD01

Tot Ion: 43 Resp: 178041

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 17.59 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025757.D

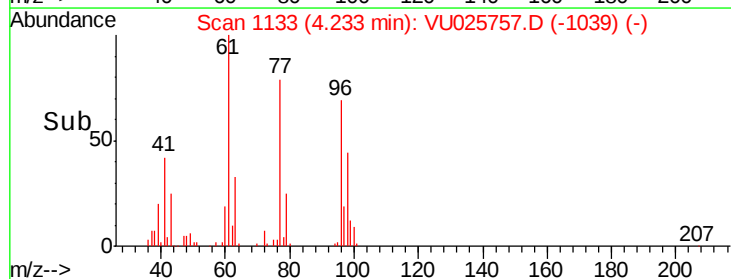
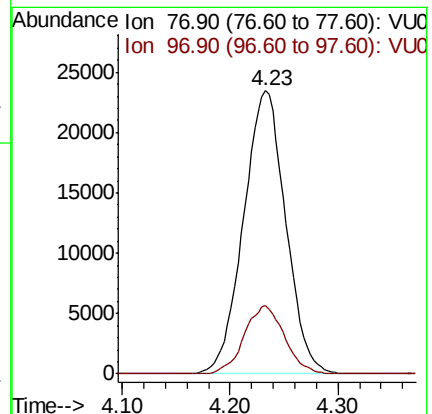
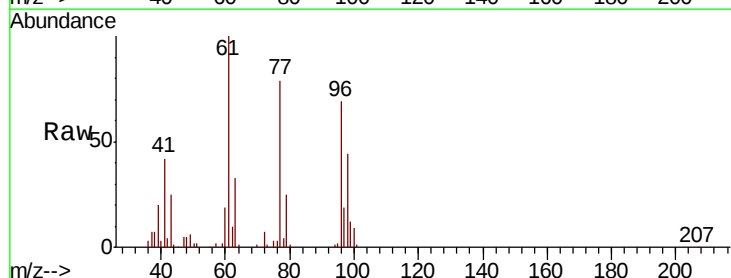
Acq: 31 Jul 2018 22:25

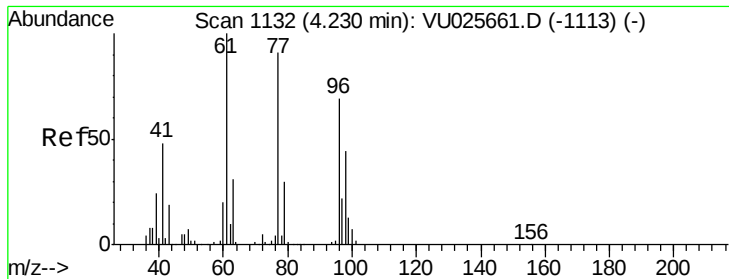
Tgt Ion: 77 Resp: 63631

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.69 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

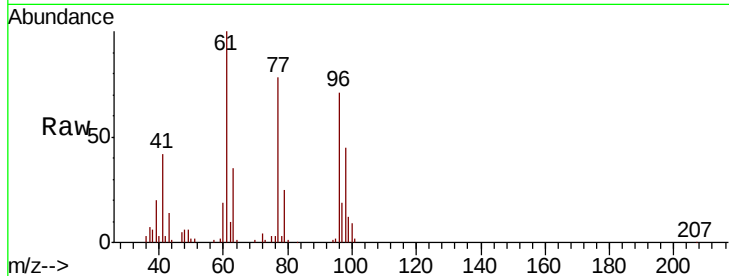
Tot Ion: 96 Resp: 50460

Ion Ratio Lower Upper

96 100

61 144.3 0.0 299.8

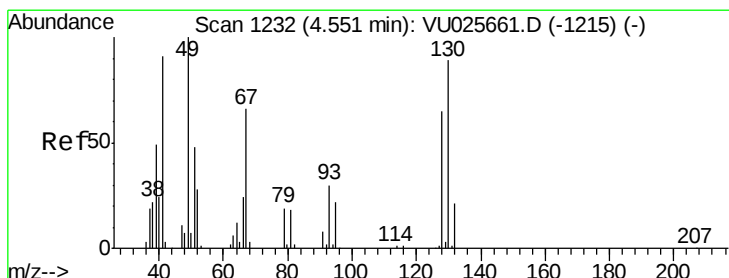
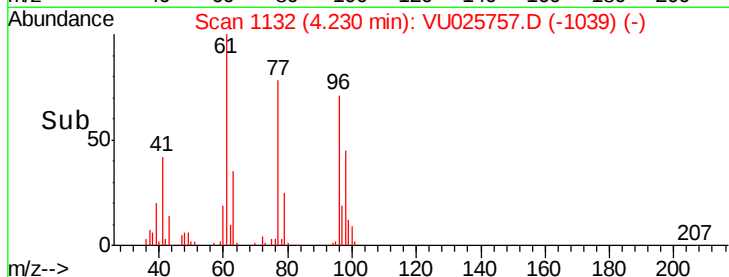
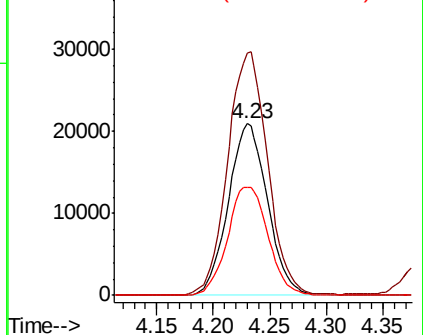
98 65.0 0.0 128.6



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: 20.97 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

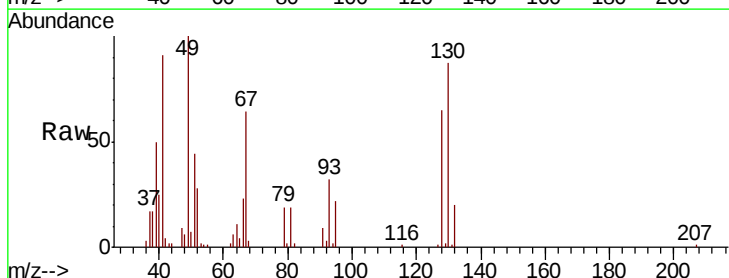
Tgt Ion: 49 Resp: 37302

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

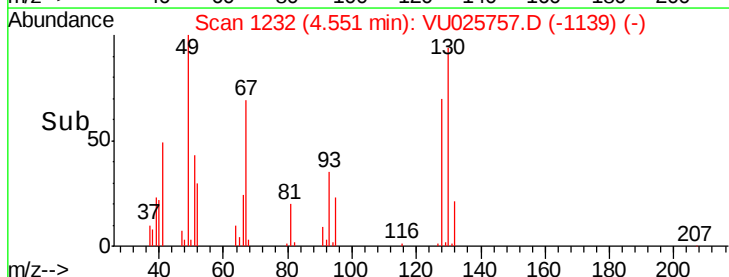
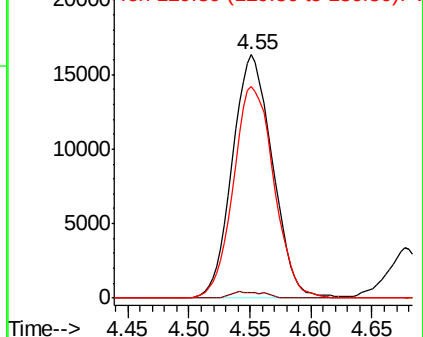
130 87.6 68.6 102.8

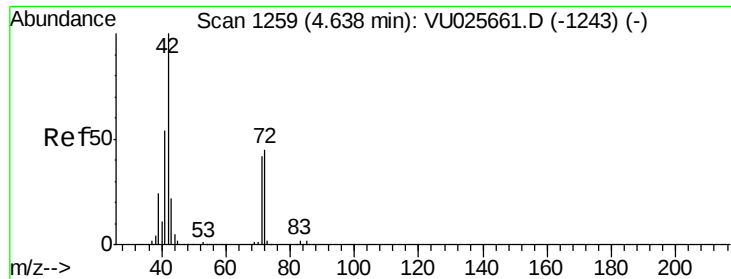


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 103.04 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

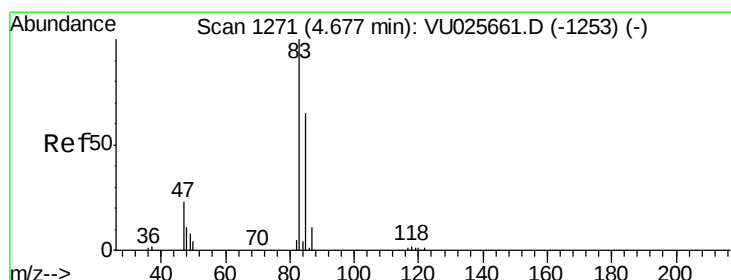
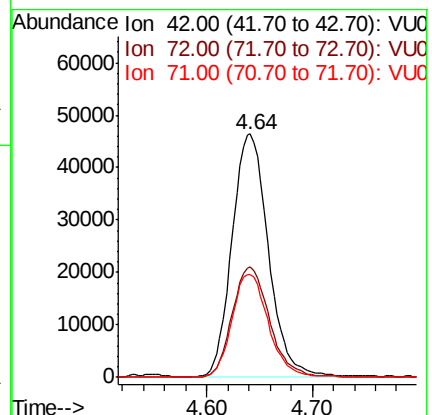
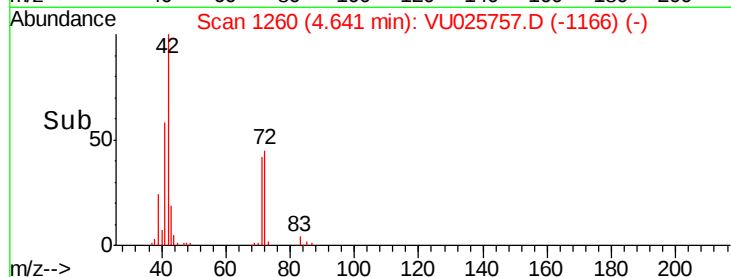
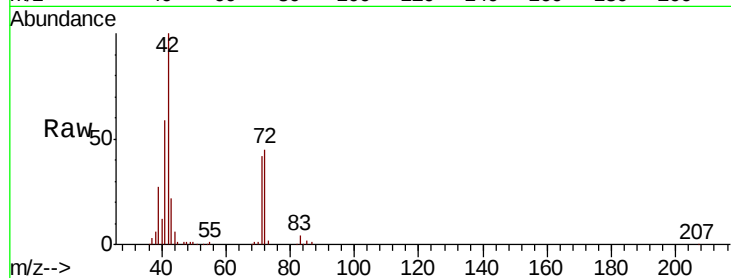
Tot Ion: 42 Resp: 111283

Ion Ratio Lower Upper

42 100

72 46.7 36.7 55.1

71 42.3 33.9 50.9



#30

Chloroform

Concen: 20.77 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU025757.D

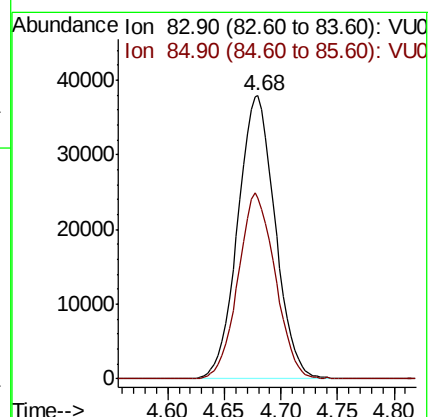
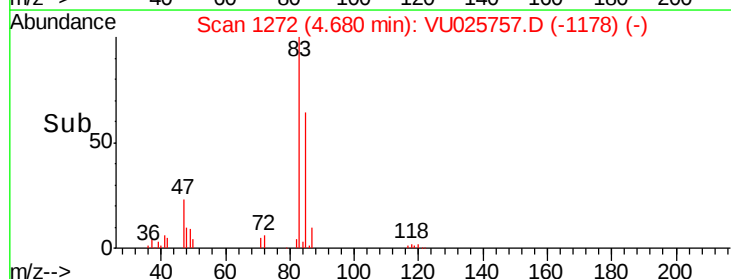
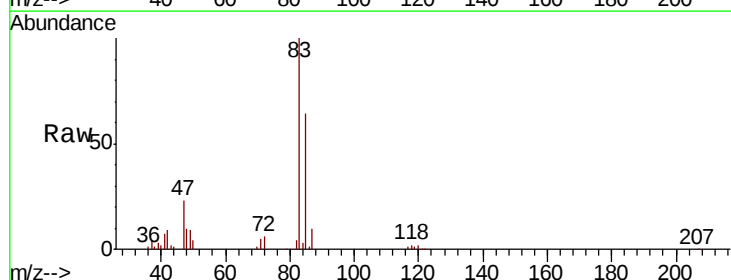
Acq: 31 Jul 2018 22:25

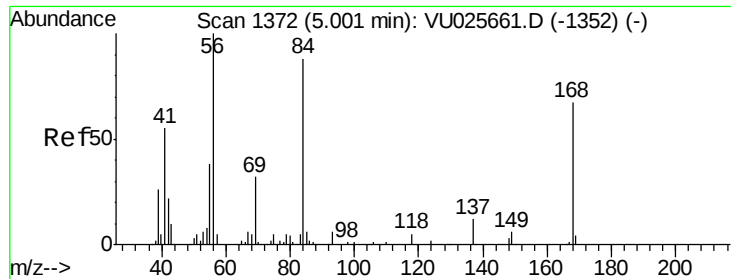
Tgt Ion: 83 Resp: 87213

Ion Ratio Lower Upper

83 100

85 63.7 51.5 77.3

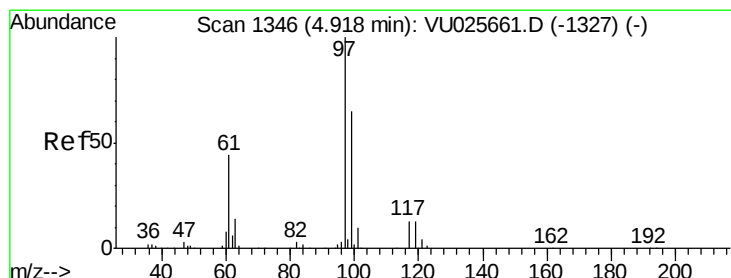
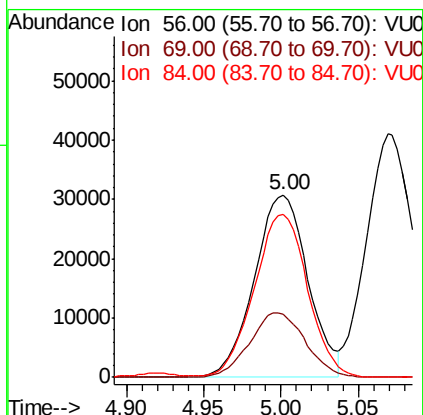
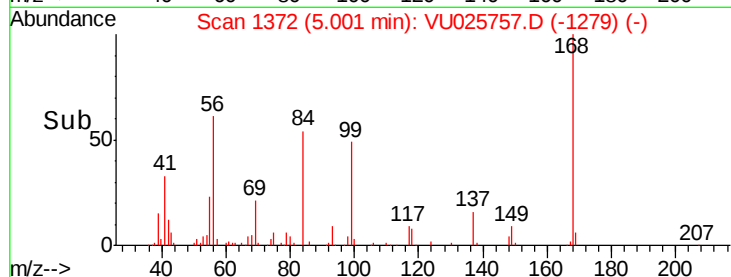
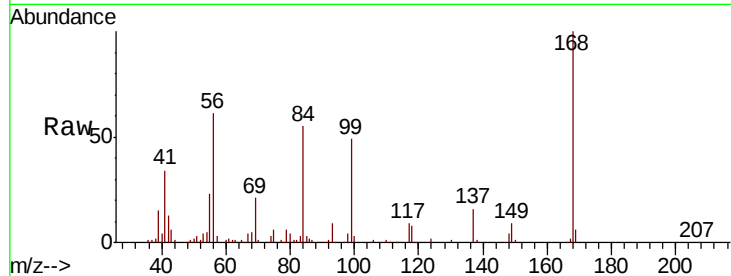




#31
Cyclohexane
Concen: 20.67 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

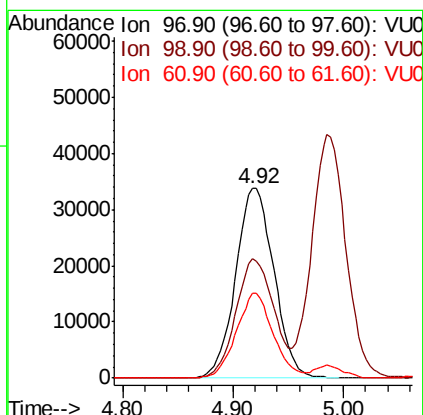
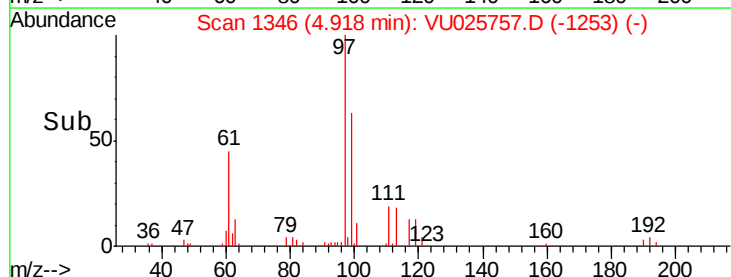
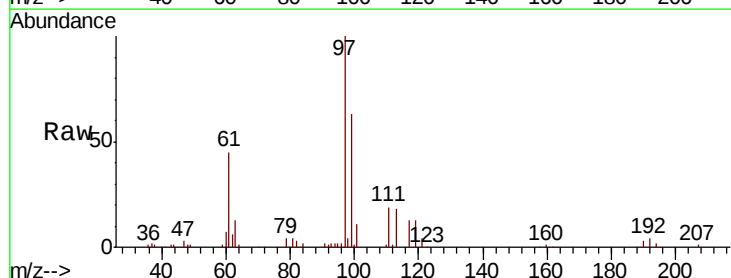
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

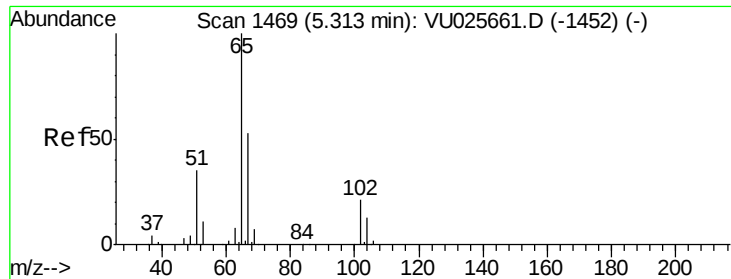
Tot Ion: 56 Resp: 74275
Ion Ratio Lower Upper
56 100
69 34.3 26.8 40.2
84 88.6 69.7 104.5



#32
1,1,1-Trichloroethane
Concen: 21.52 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion: 97 Resp: 81367
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 43.0 35.2 52.8

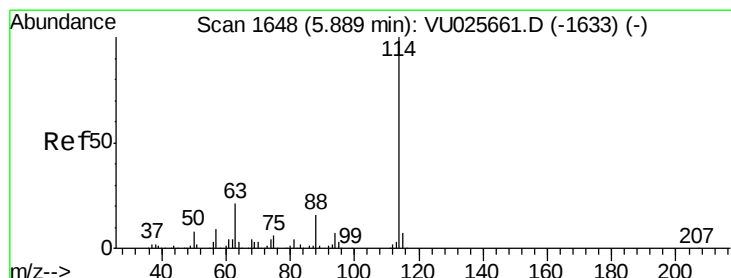
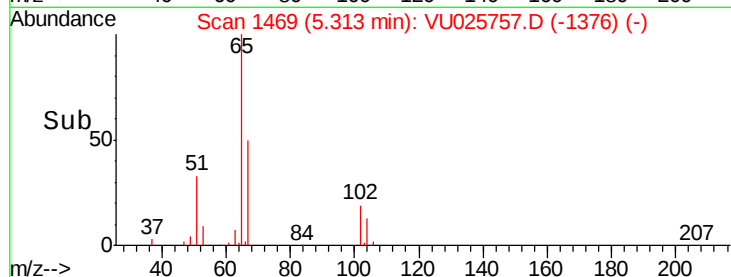
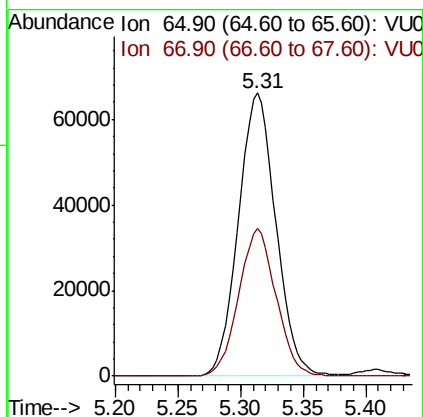
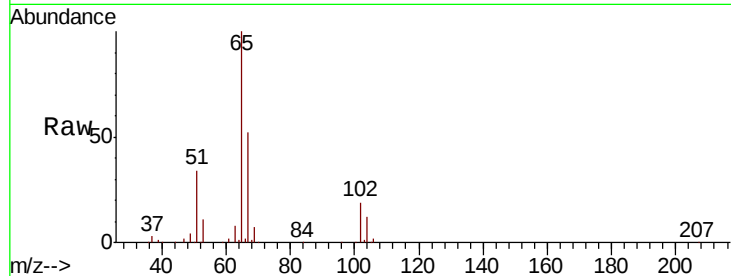




#33
 1,2-Dichloroethane-d4
 Concen: 50.66 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

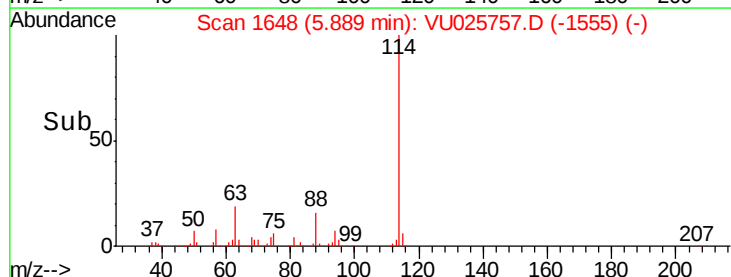
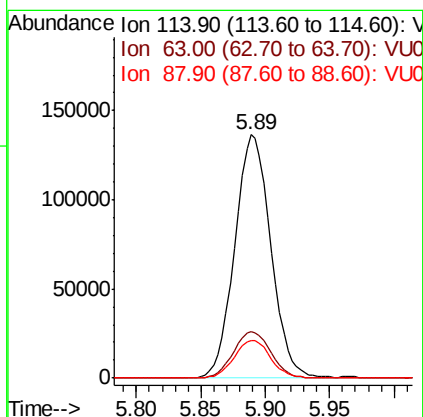
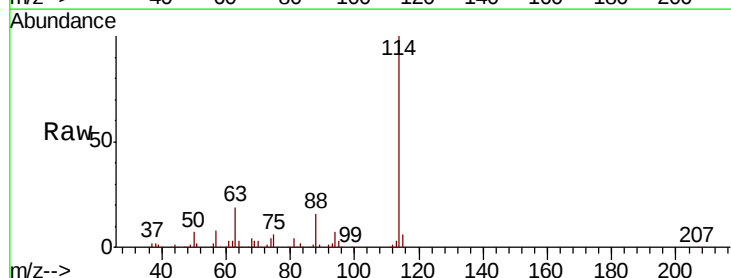
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

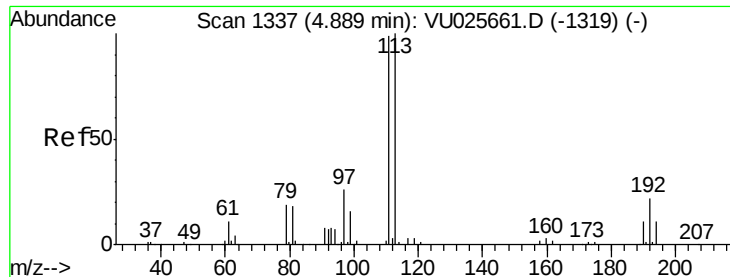
Tot Ion: 65 Resp: 137609
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion: 114 Resp: 265030
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.6
 88 15.5 0.0 32.4

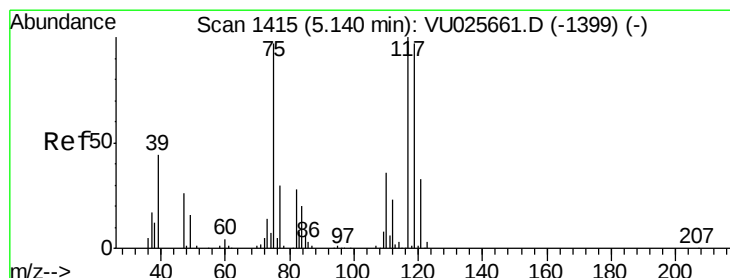
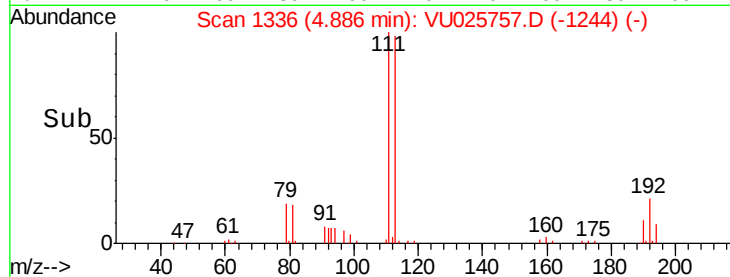
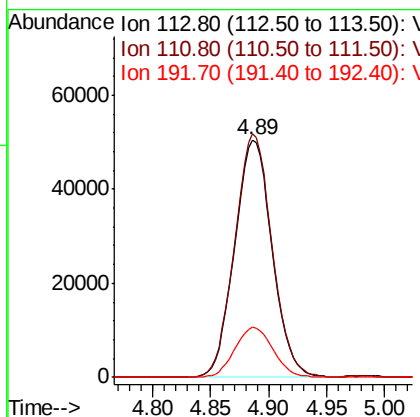
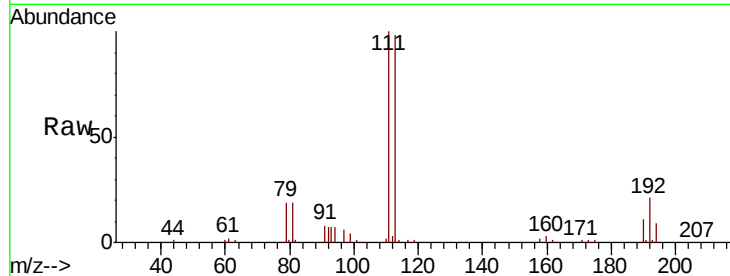




#35
 Dibromofluoromethane
 Concen: 49.14 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

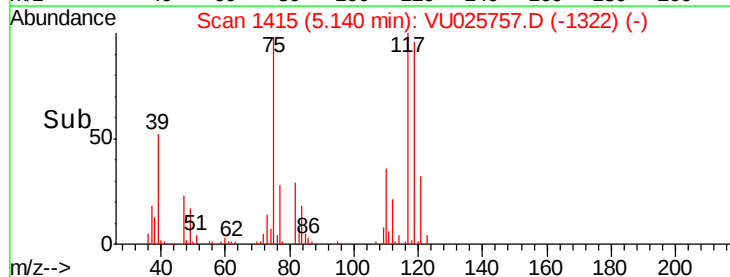
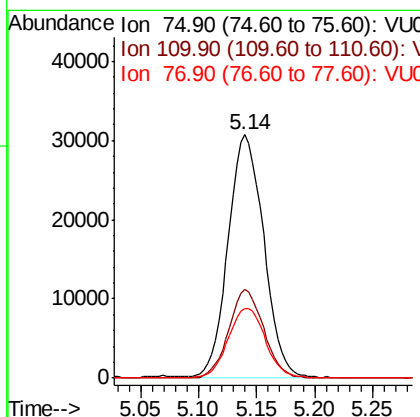
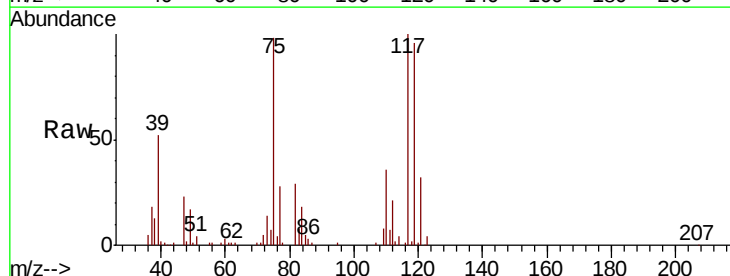
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

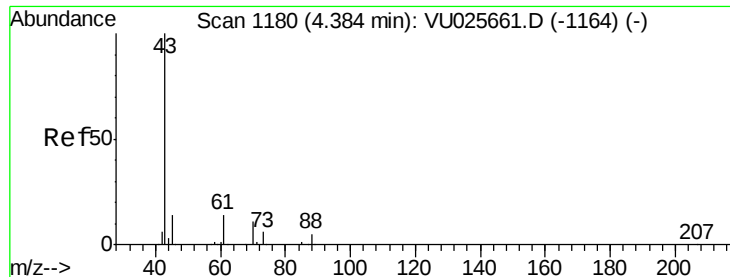
Tot Ion:113 Resp: 113271
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 21.5 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 21.33 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion: 75 Resp: 66054
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.6 52.9
 77 29.9 24.4 36.6

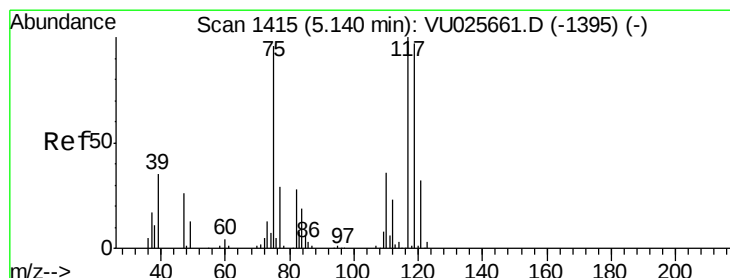
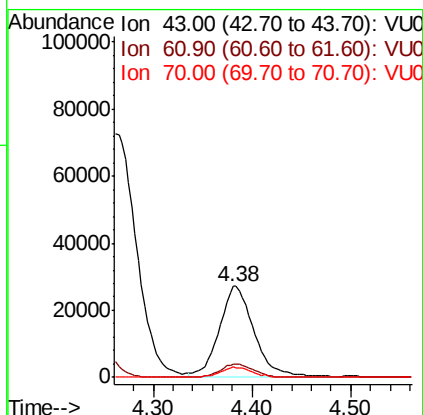
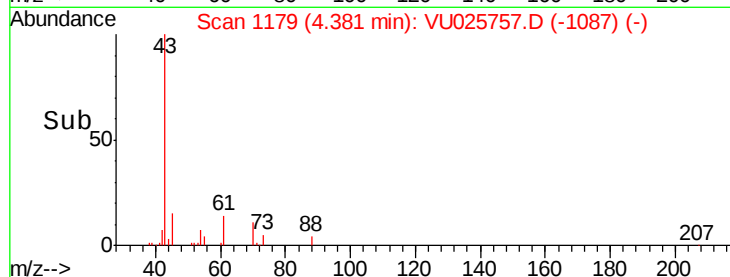
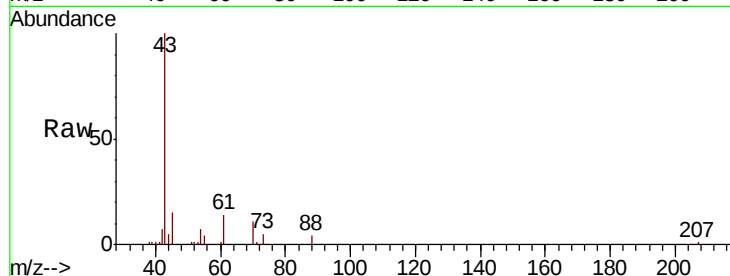




#37
Ethyl Acetate
Concen: 20.46 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

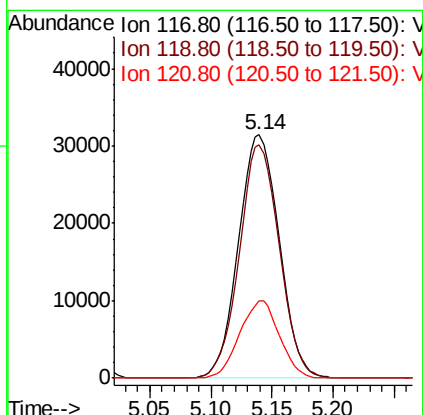
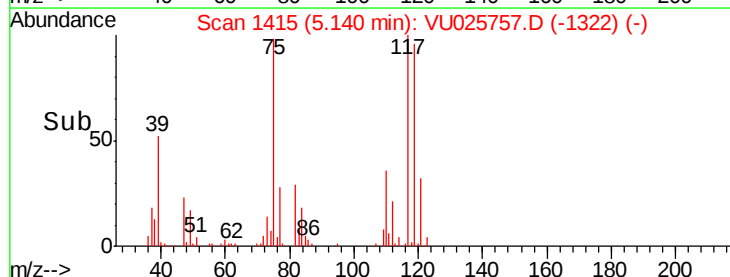
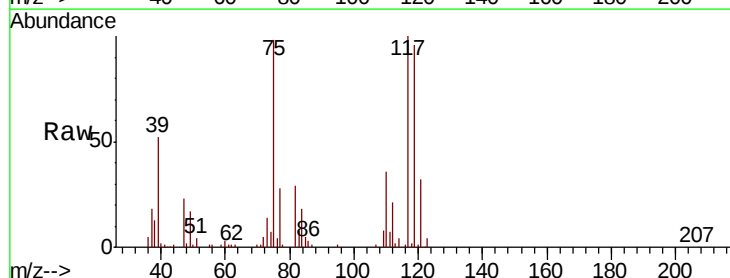
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

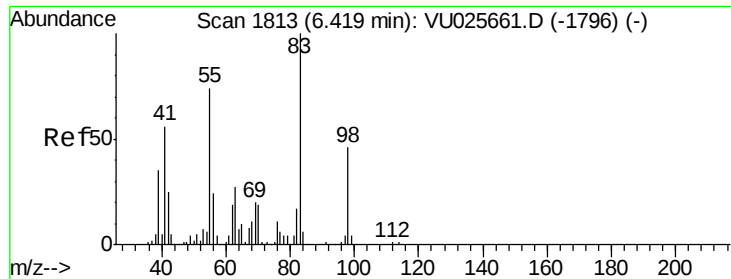
Tot Ion: 43 Resp: 65699
Ion Ratio Lower Upper
43 100
61 14.4 10.7 16.1
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.69 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion: 117 Resp: 72576
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5
121 31.7 24.6 36.8

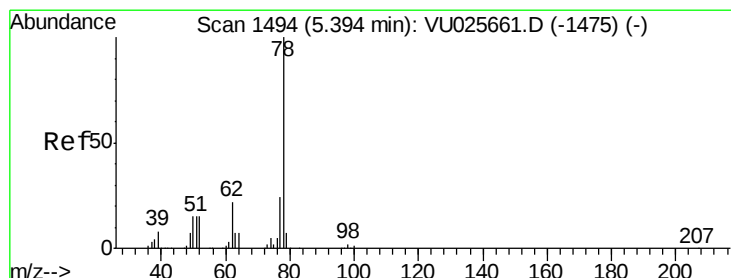
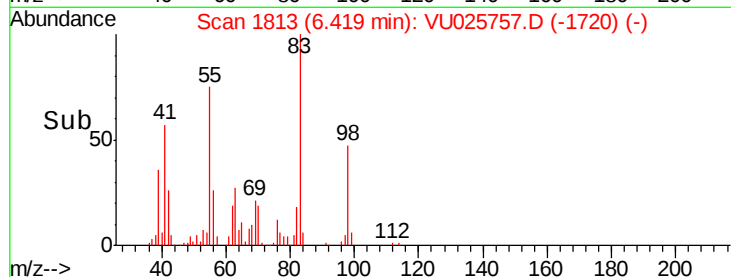
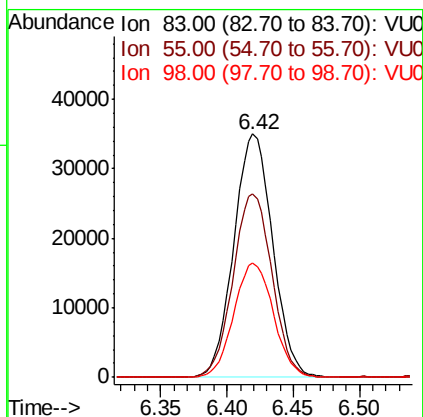
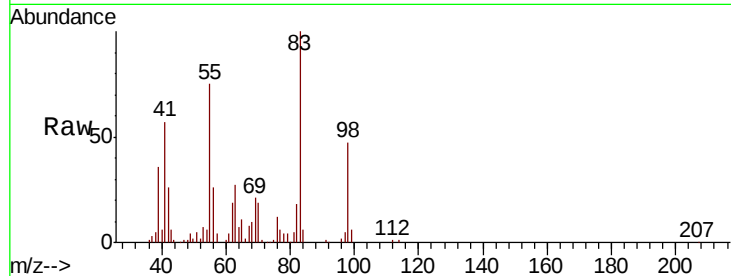




#39
Methvlcvclohexane
Concen: 20.10 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

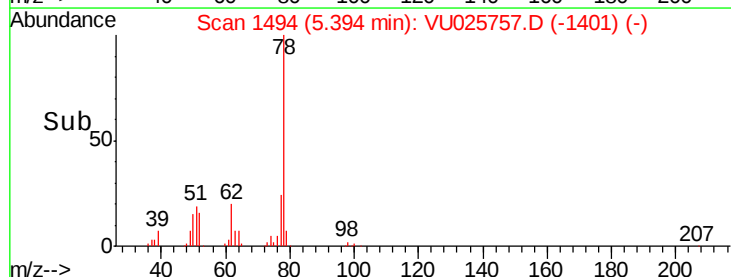
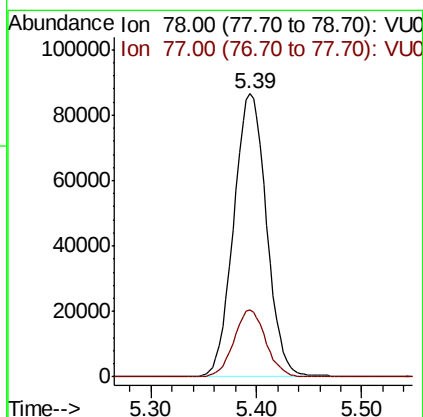
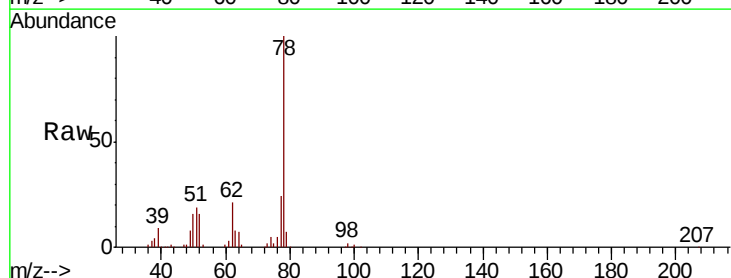
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

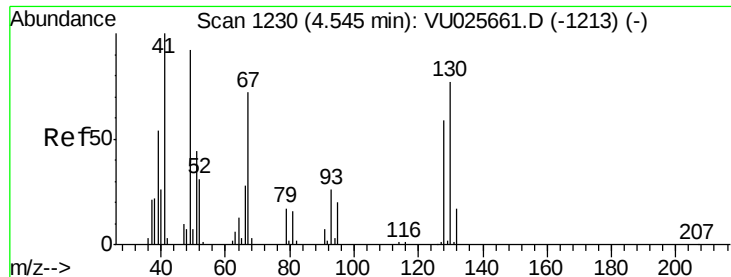
Tot Ion: 83 Resp: 71343
Ion Ratio Lower Upper
83 100
55 75.5 60.0 90.0
98 46.8 36.1 54.1



#40
Benzene
Concen: 20.63 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion: 78 Resp: 186756
Ion Ratio Lower Upper
78 100
77 23.6 19.8 29.6

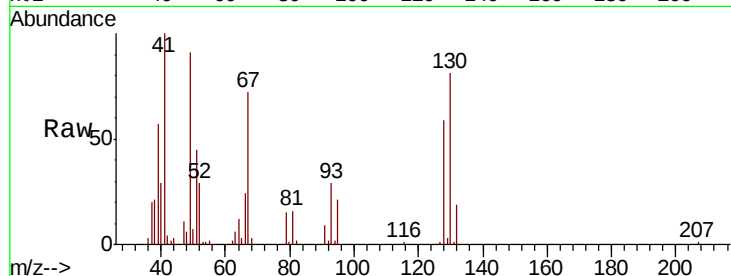




#41
Methacrylonitrile
Concen: 20.79 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

Tot Ion:	41	Resp:	37094
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.4	66.6
67	71.9	56.0	84.0
52	30.9	24.6	36.8



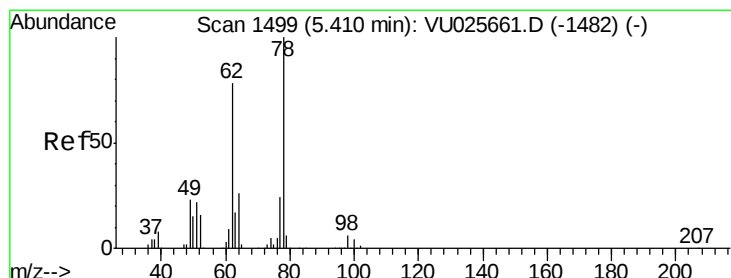
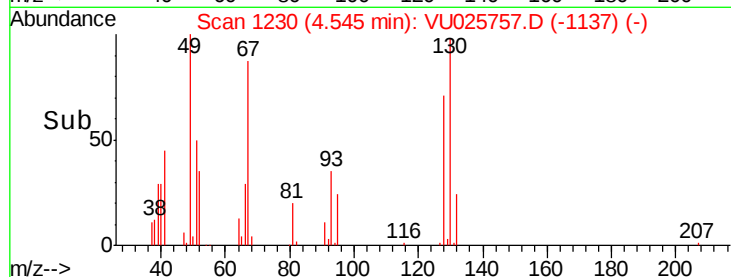
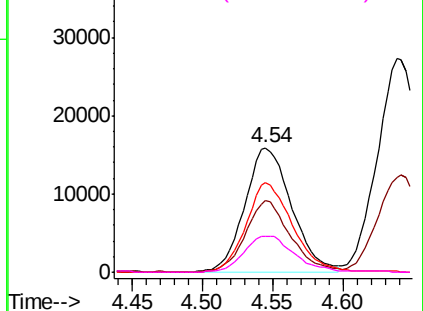
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

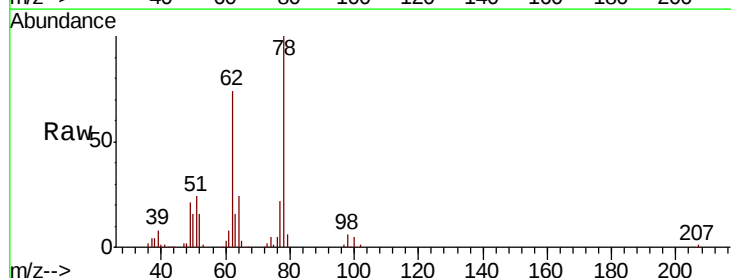
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 20.70 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

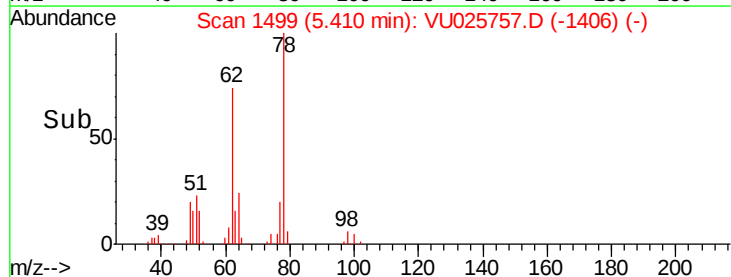
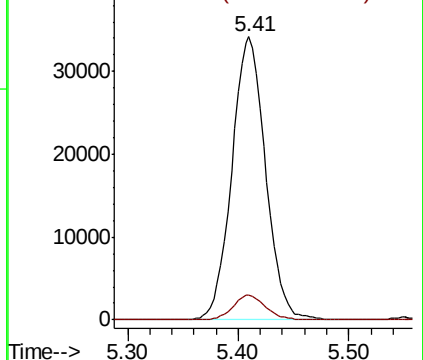
Tgt Ion:	62	Resp:	72146
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.4

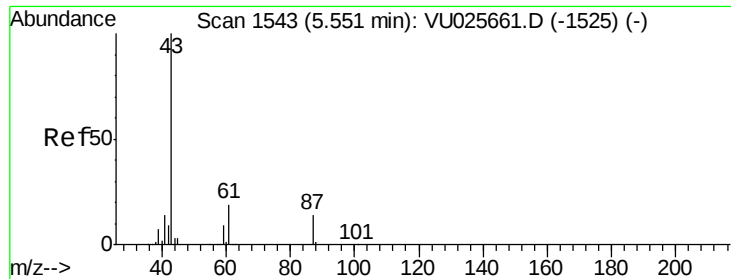


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 20.64 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

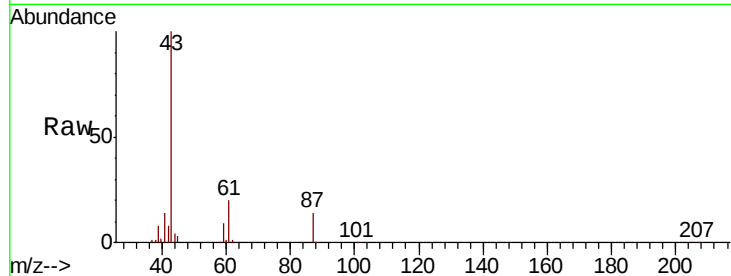
Tot Ion: 43 Resp: 109563

Ion Ratio Lower Upper

43 100

61 20.0 15.5 23.3

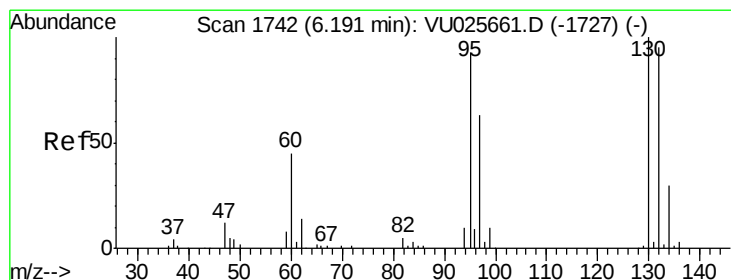
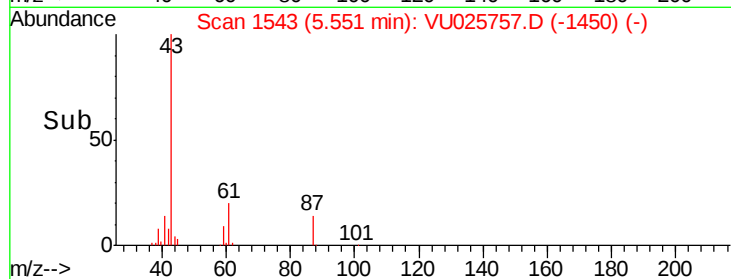
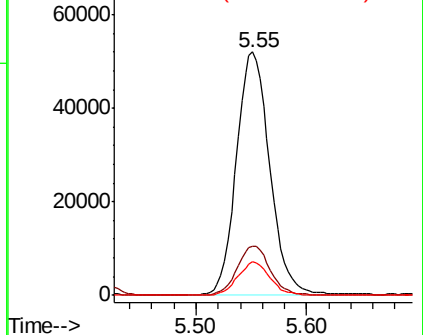
87 13.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-1525) (-)

Ion 61.00 (60.70 to 61.70): VU025661.D (-1525) (-)

Ion 87.00 (86.70 to 87.70): VU025661.D (-1525) (-)



#44

Trichloroethene

Concen: 20.89 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025757.D

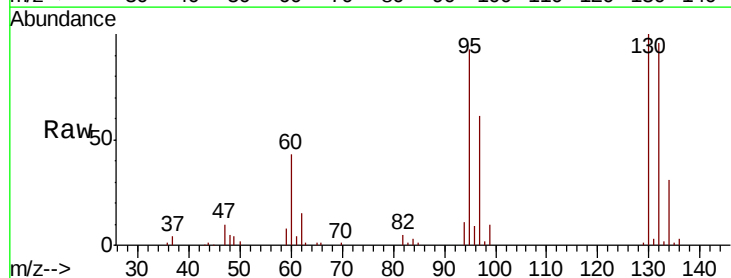
Acq: 31 Jul 2018 22:25

Tgt Ion: 130 Resp: 52665

Ion Ratio Lower Upper

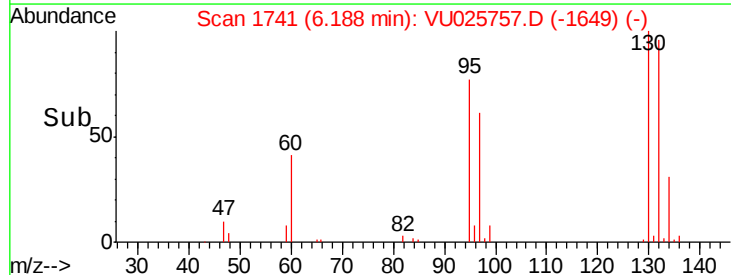
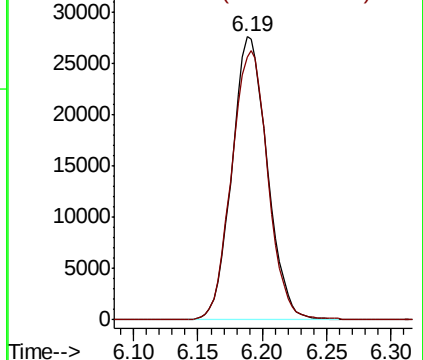
130 100

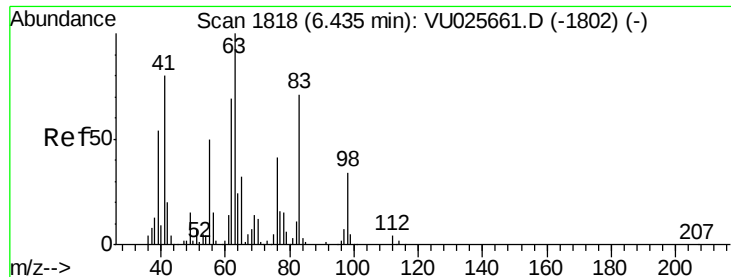
95 92.7 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025661.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025661.D (-1727) (-)

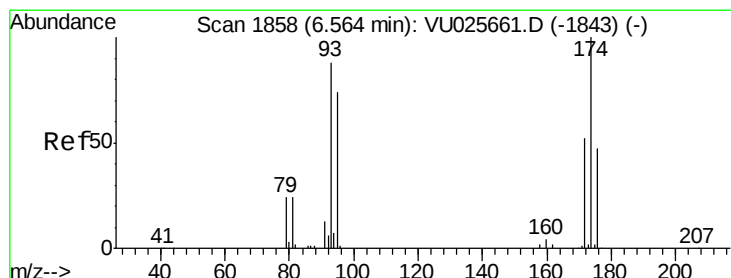
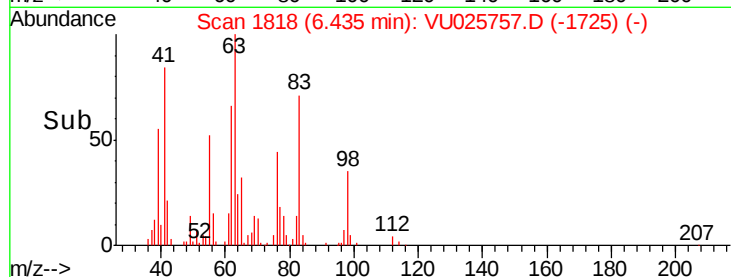
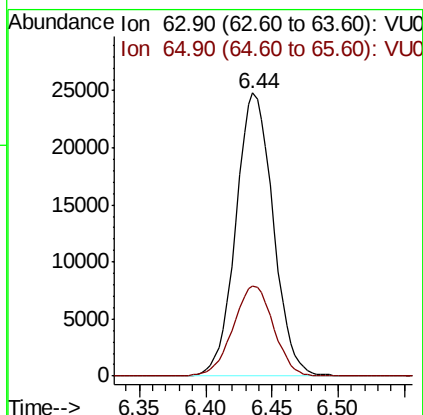
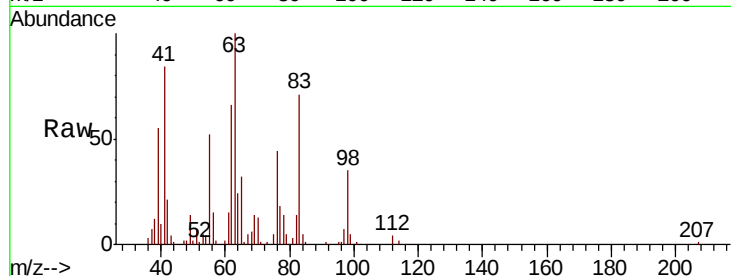




#45
 1,2-Dichloropropane
 Concen: 20.56 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

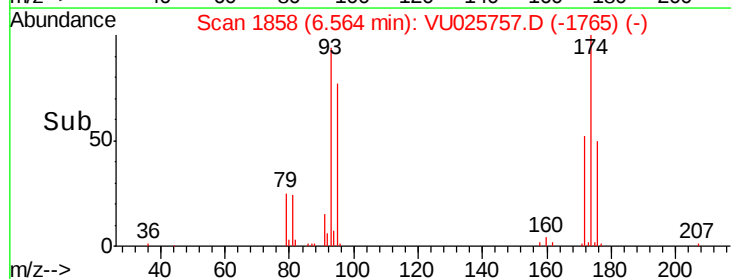
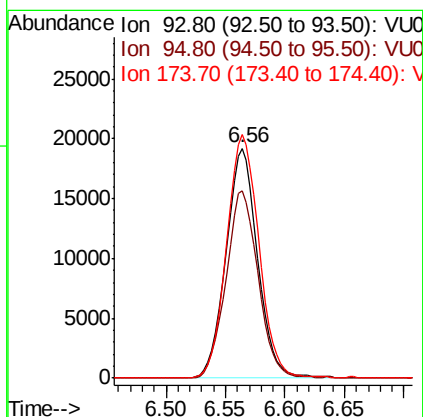
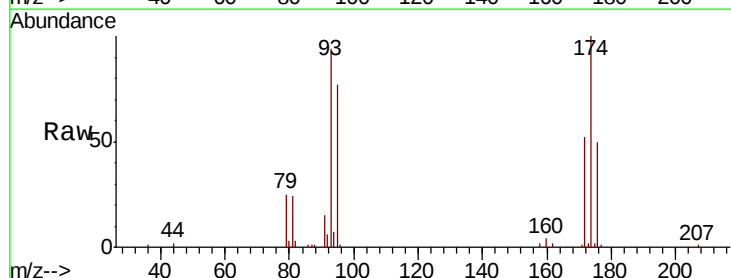
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

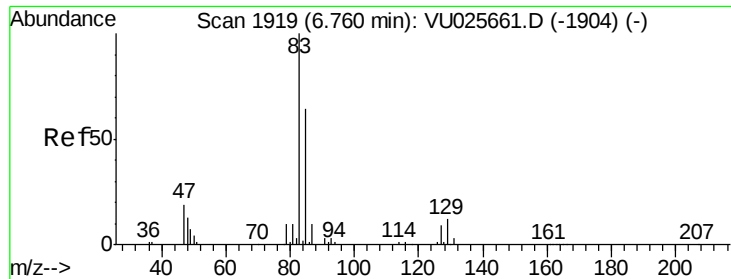
Tot Ion: 63 Resp: 48542
 Ion Ratio Lower Upper
 63 100
 65 31.9 26.1 39.1



#46
 Dibromomethane
 Concen: 20.65 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion: 93 Resp: 35323
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 108.3 85.8 128.8





#47

Bromodichloromethane

Concen: 20.41 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

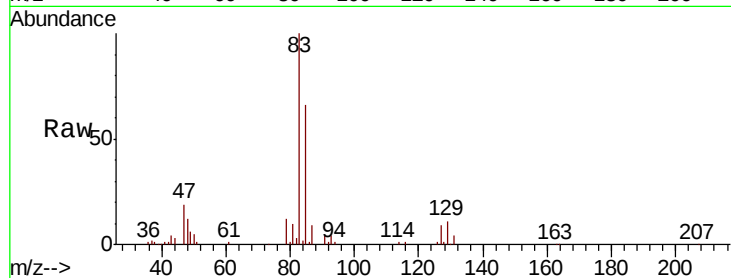
Tot Ion: 83 Resp: 66600

Ion Ratio Lower Upper

83 100

85 66.2 50.2 75.4

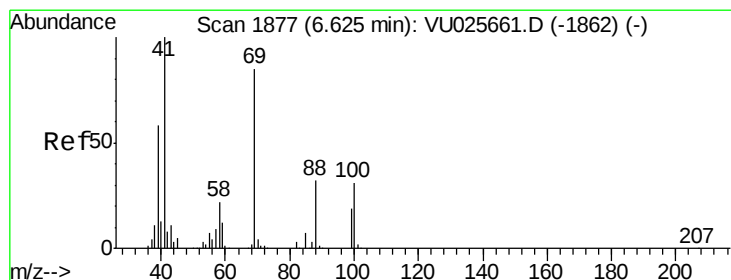
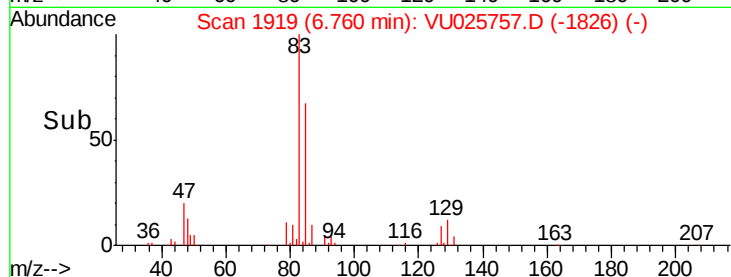
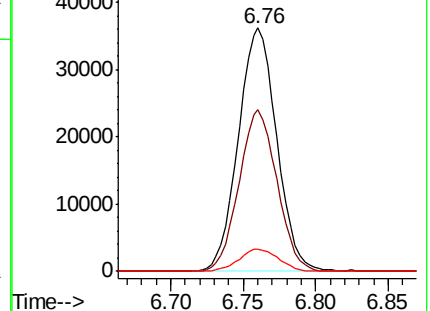
127 9.0 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU025661.D (-1904) (-)

Ion 84.90 (84.60 to 85.60): VU025661.D (-1904) (-)

Ion 126.80 (126.50 to 127.50): VU025661.D (-1904) (-)



#48

Methyl methacrylate

Concen: 21.15 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

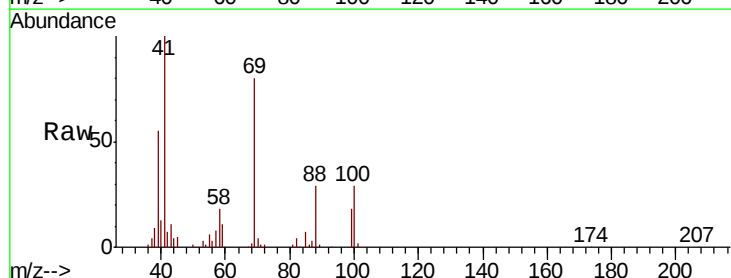
Tgt Ion: 41 Resp: 55022

Ion Ratio Lower Upper

41 100

69 81.7 65.0 97.4

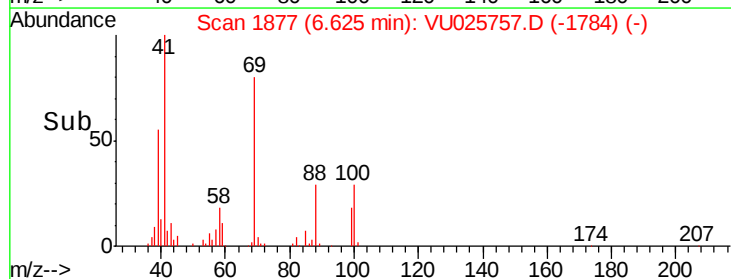
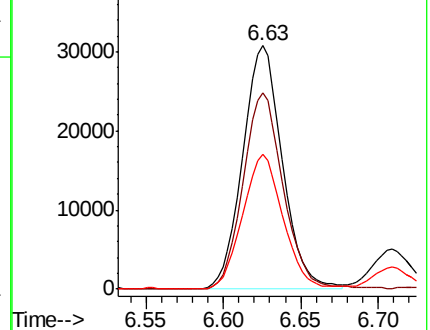
39 56.4 46.4 69.6

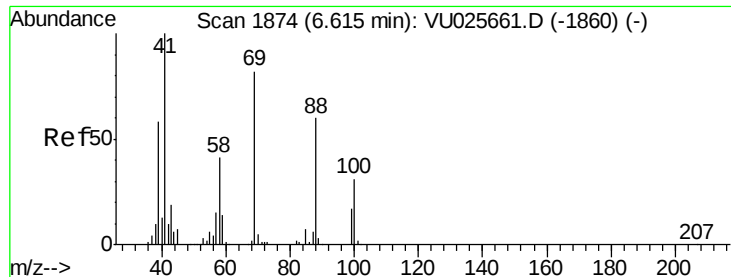


Abundance Ion 41.00 (40.70 to 41.70): VU025661.D (-1862) (-)

Ion 69.00 (68.70 to 69.70): VU025661.D (-1862) (-)

Ion 39.00 (38.70 to 39.70): VU025661.D (-1862) (-)

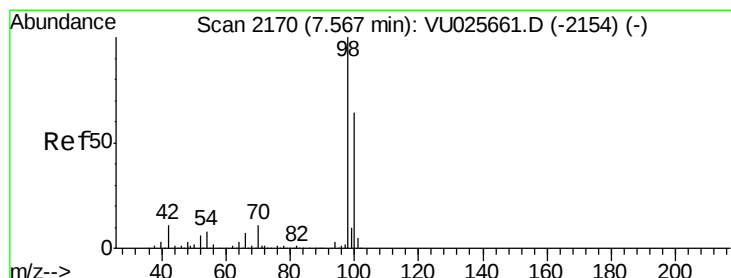
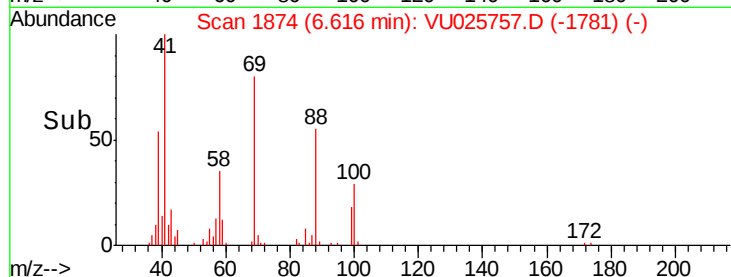
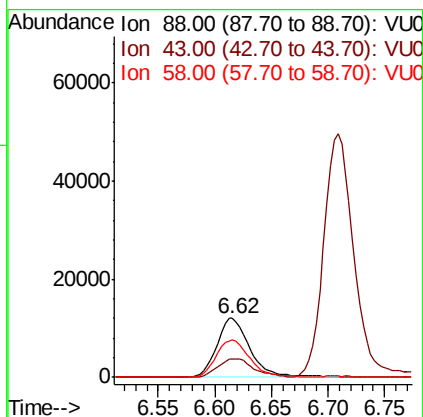
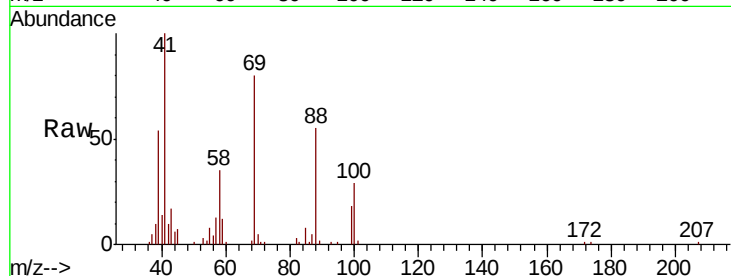




#49
1,4-Dioxane
Concen: 386.69 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

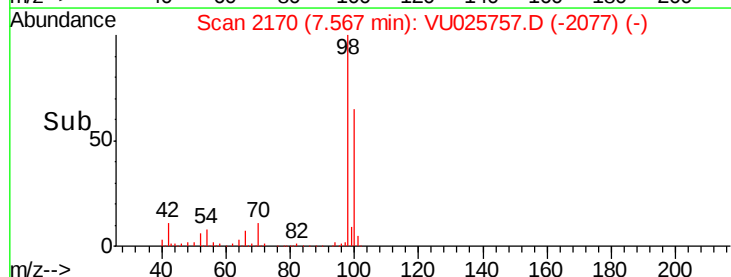
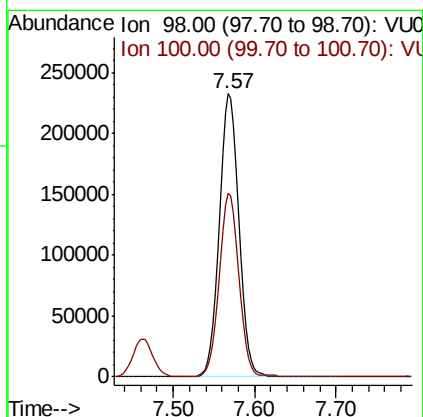
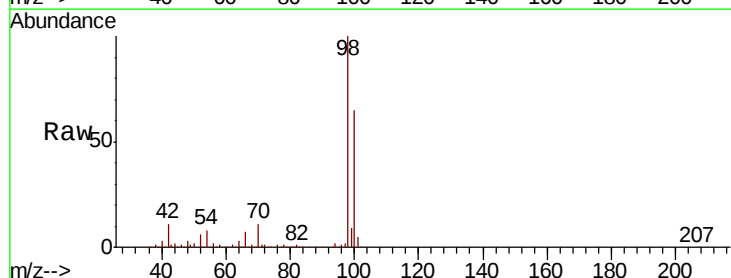
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

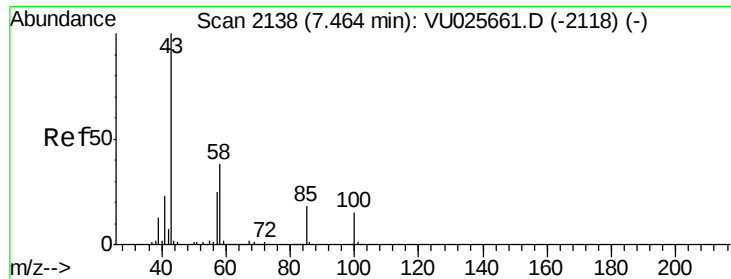
Tot Ion: 88 Resp: 24476
Ion Ratio Lower Upper
88 100
43 33.6 27.3 40.9
58 64.7 57.6 86.4



#50
Toluene-d8
Concen: 49.46 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion: 98 Resp: 398923
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7

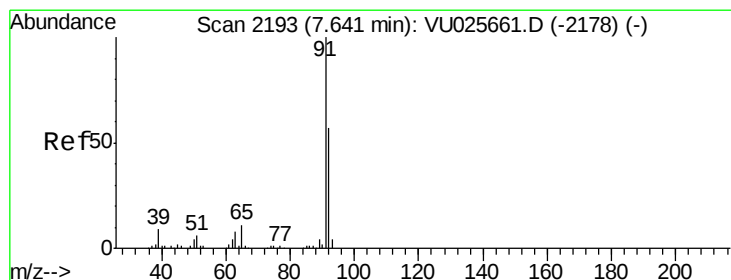
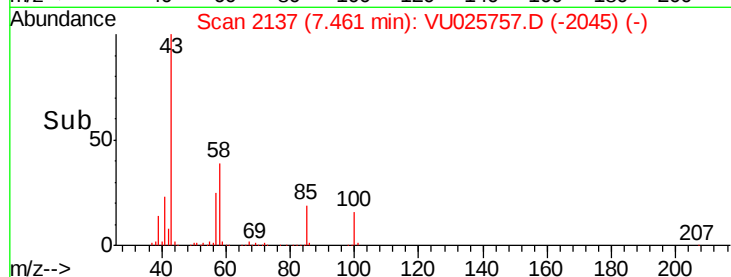
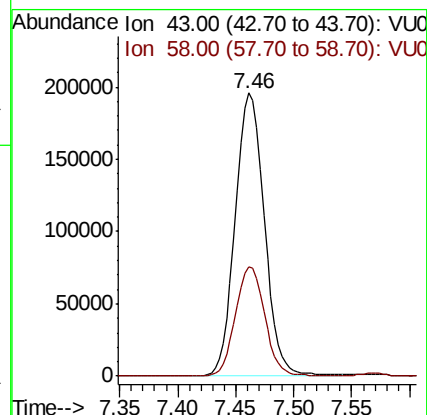
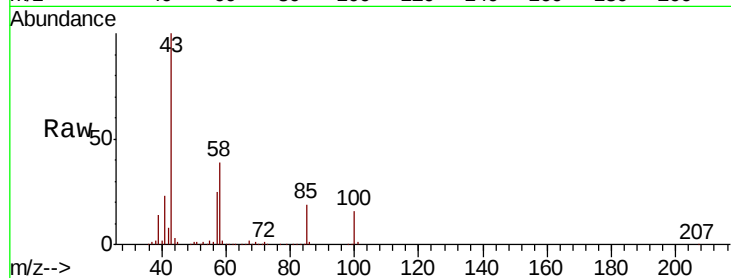




#51
 4-Methyl-2-Pentanone
 Concen: 103.18 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

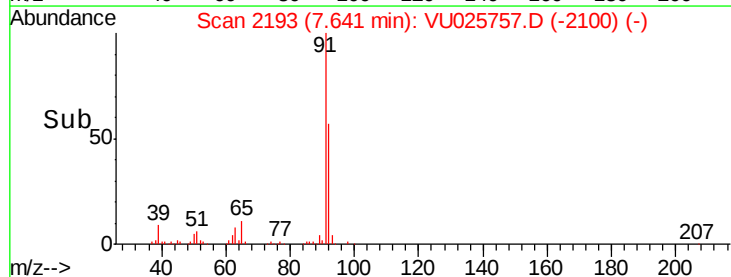
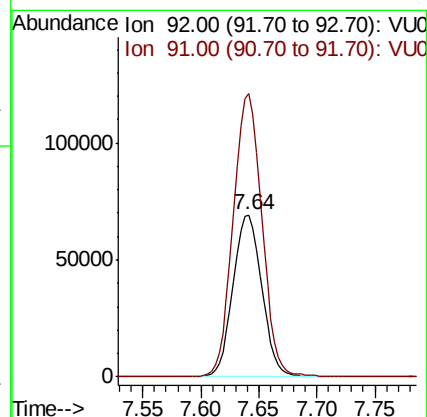
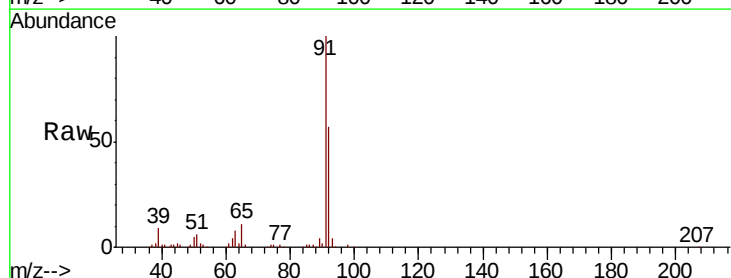
Instrument :
 MSVOA_U
 ClientSampleID :
 VU0801WBSD01

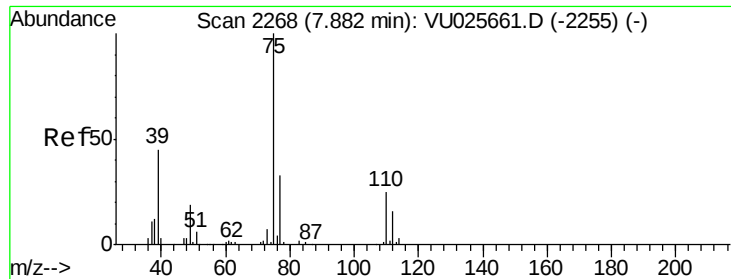
Tot Ion: 43 Resp: 342817
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.0 46.4



#52
 Toluene
 Concen: 21.14 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion: 92 Resp: 118909
 Ion Ratio Lower Upper
 92 100
 91 174.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 20.07 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

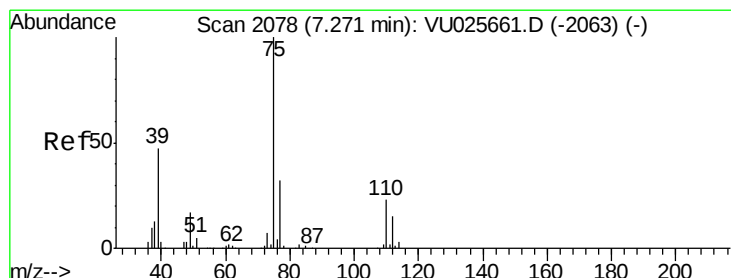
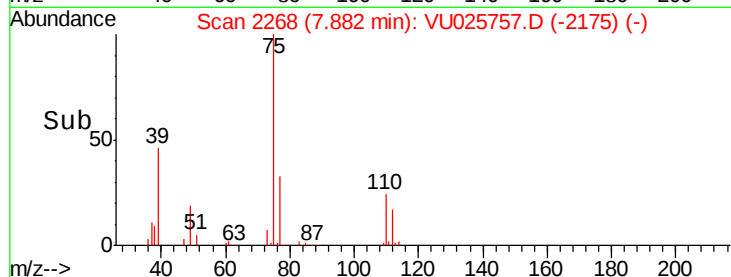
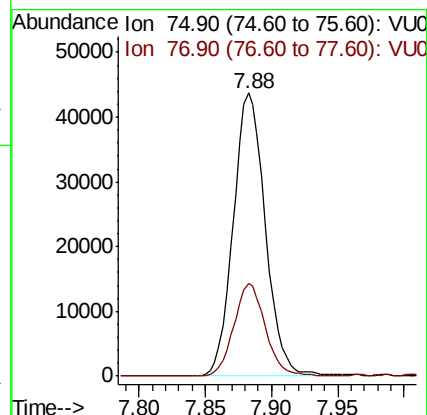
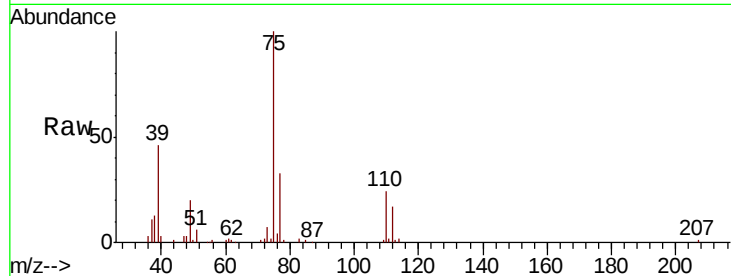
VU0801WBSD01

Tot Ion: 75 Resp: 73544

Ion Ratio Lower Upper

75 100

77 32.8 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.69 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

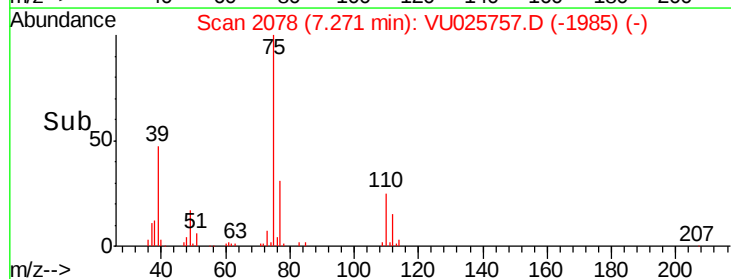
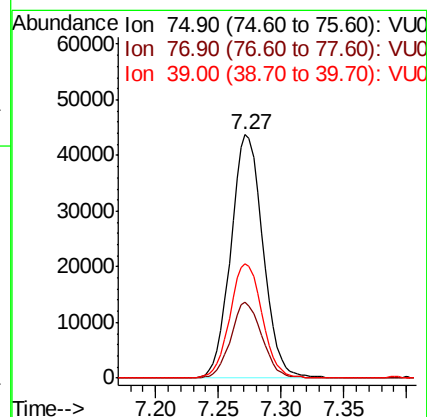
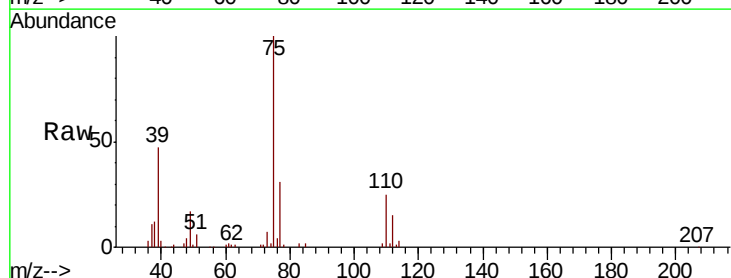
Tgt Ion: 75 Resp: 77887

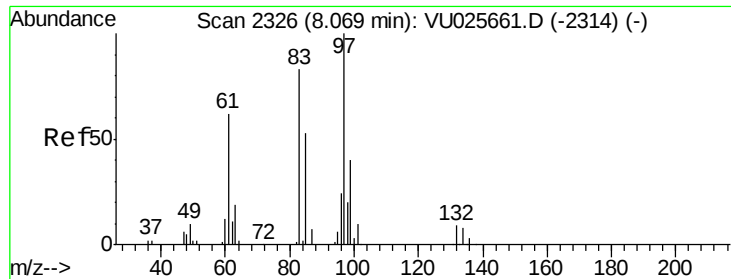
Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 47.0 40.0 60.0

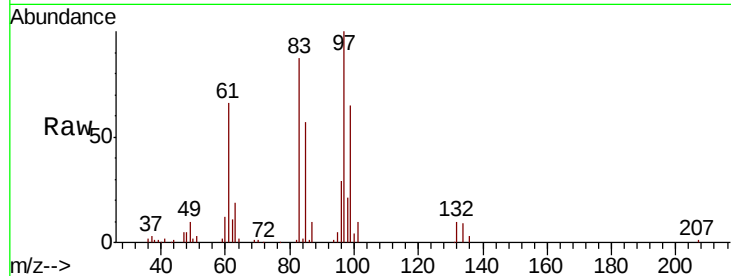




#55
 1,1,2-Trichloroethane
 Concen: 20.38 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

Tot Ion:	97	Resp:	47629
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.9	103.3
85	56.7	44.4	66.6
99	65.0	51.0	76.4



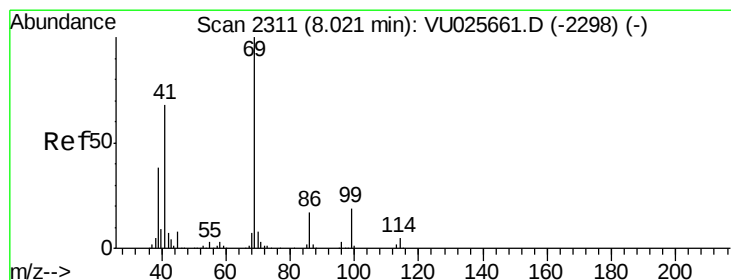
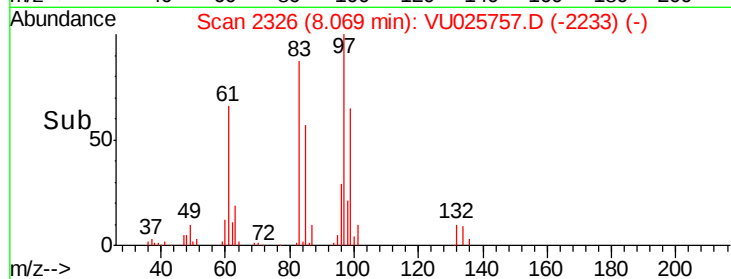
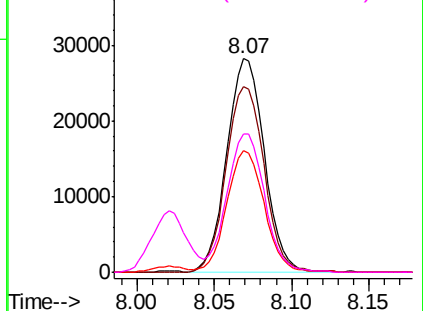
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

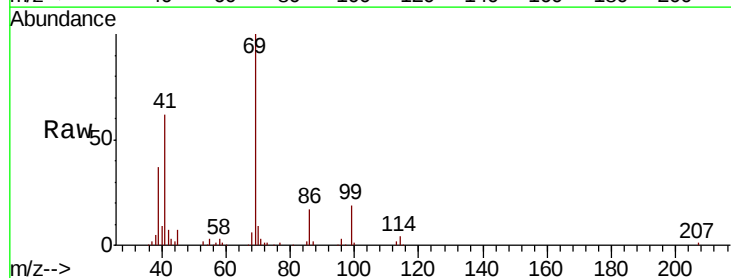
Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56
 Ethyl methacrylate
 Concen: 20.84 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion:	69	Resp:	69595
Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.8	82.2
39	37.3	31.1	46.7

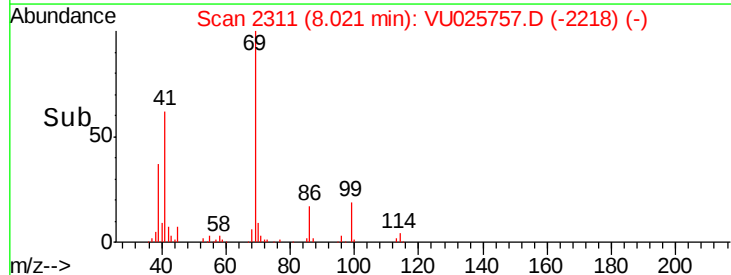
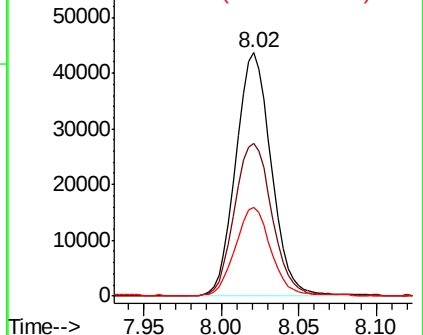


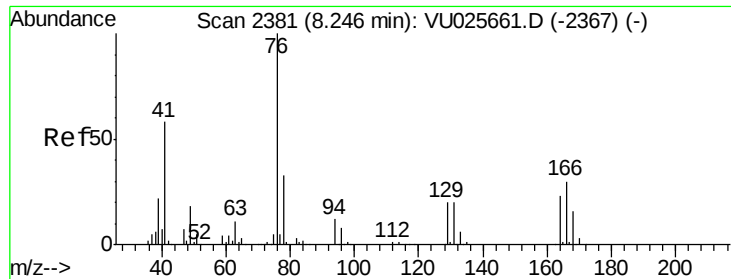
Abundance

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

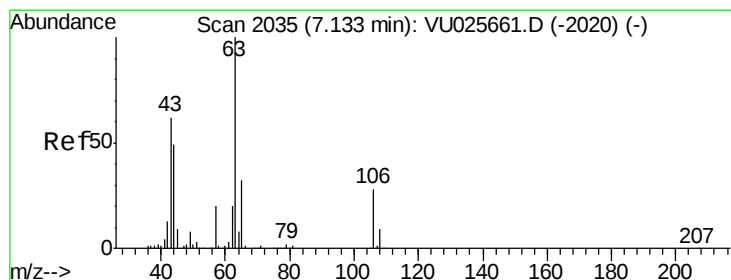
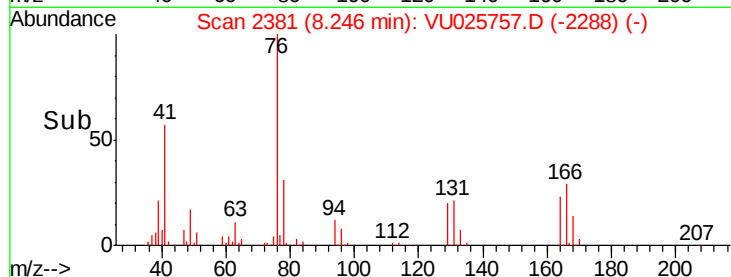
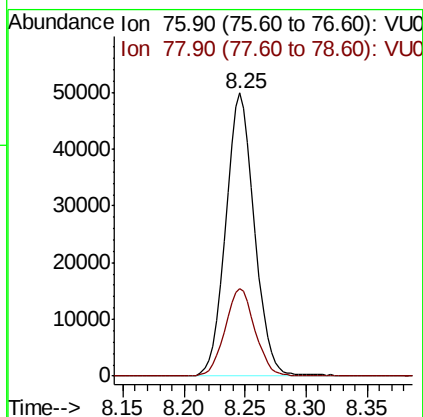
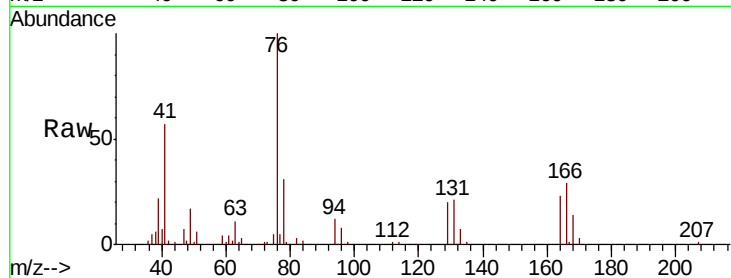




#57
 1,3-Dichloropropane
 Concen: 20.87 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

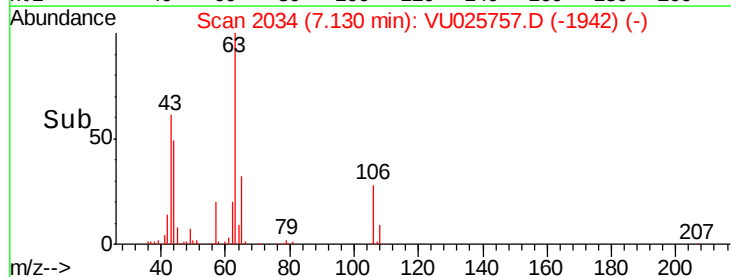
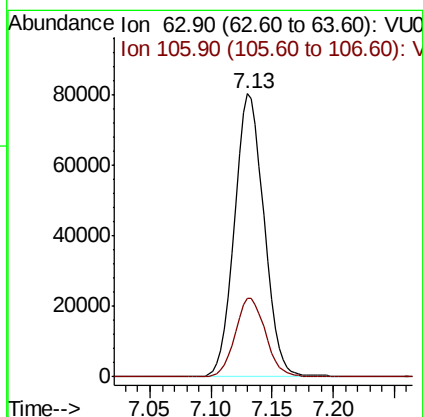
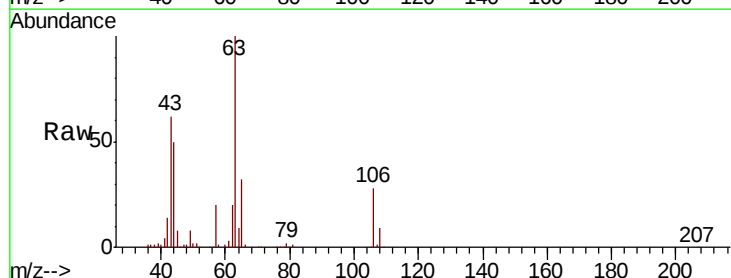
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

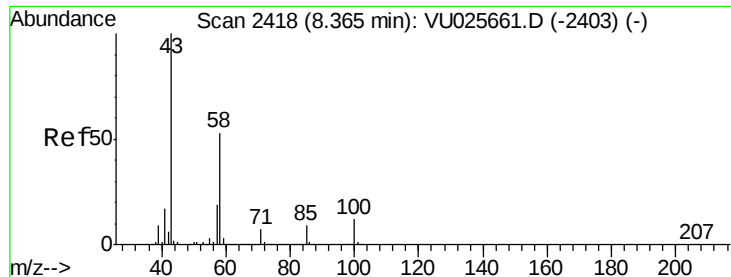
Tot Ion: 76 Resp: 82053
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.04 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion: 63 Resp: 135357
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.3 33.5

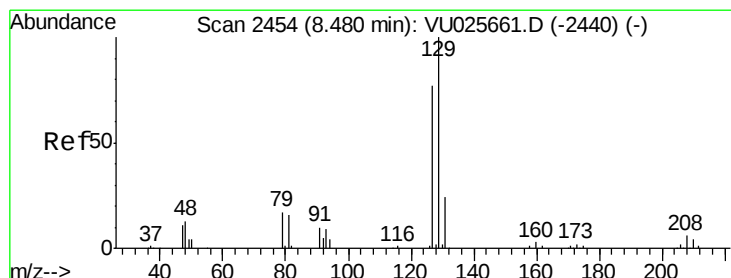
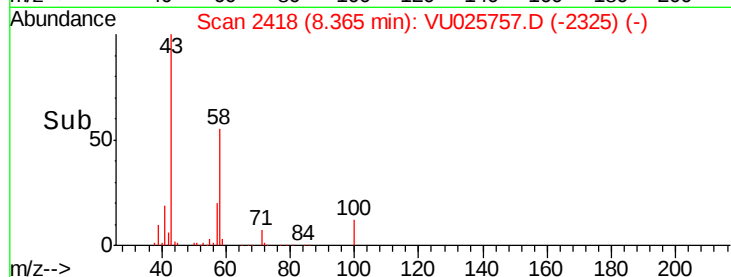
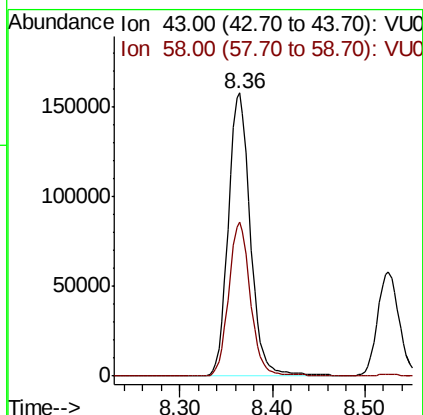
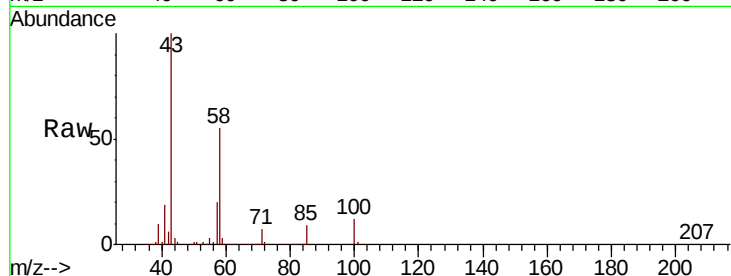




#59
2-Hexanone
Concen: 100.46 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

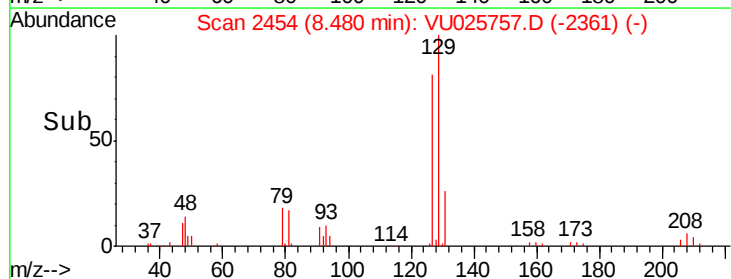
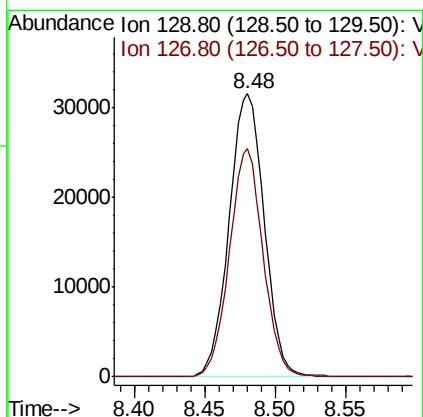
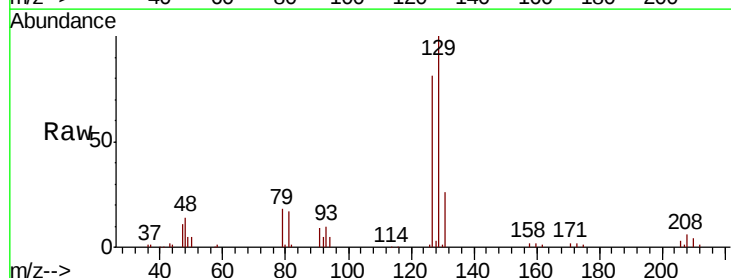
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

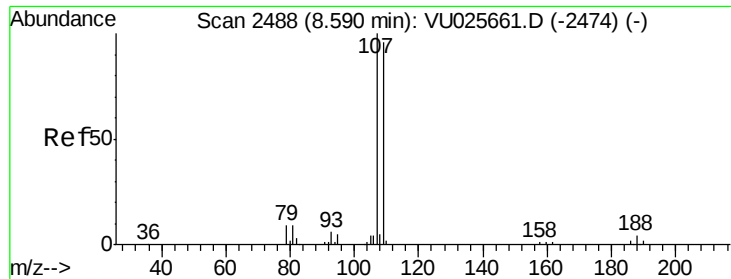
Tot Ion: 43 Resp: 261659
Ion Ratio Lower Upper
43 100
58 53.6 26.2 78.5



#60
Dibromochloromethane
Concen: 19.94 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion: 129 Resp: 54955
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

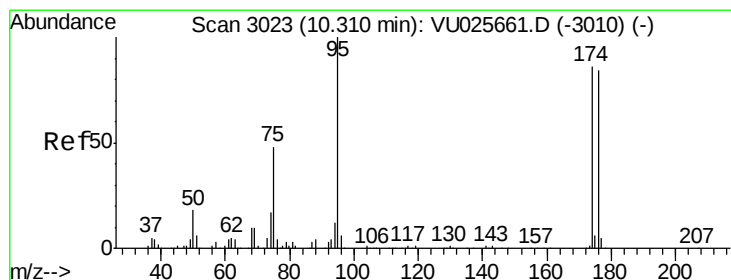
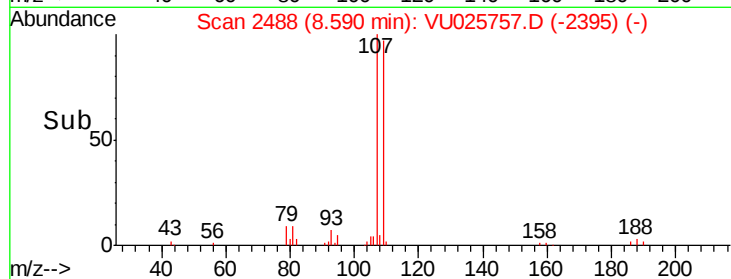
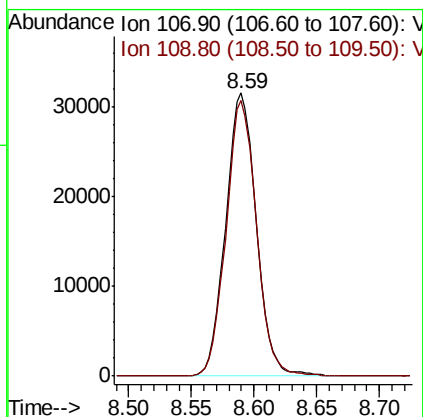
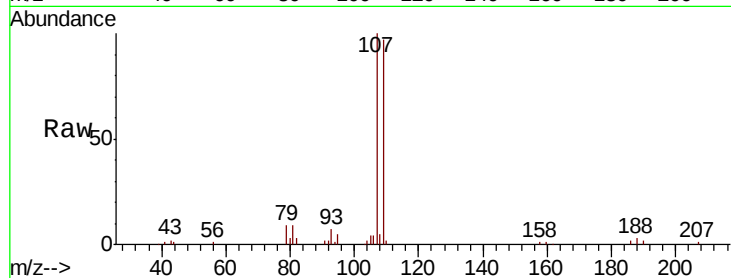




#61
 1,2-Dibromoethane
 Concen: 20.53 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

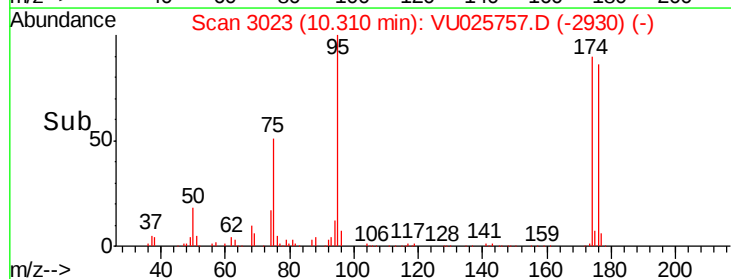
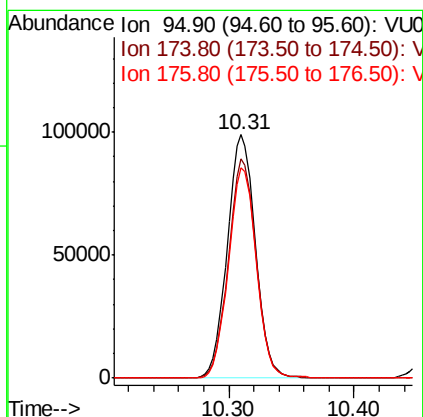
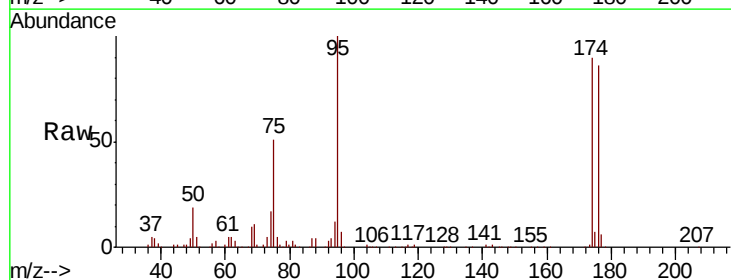
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

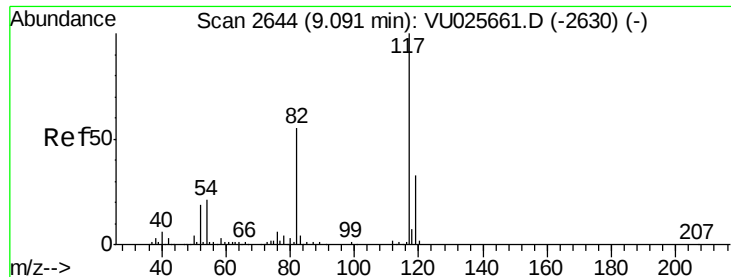
Tot Ion:107 Resp: 53357
 Ion Ratio Lower Upper
 107 100
 109 96.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.97 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion: 95 Resp: 153329
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 172.2
 176 86.1 0.0 162.6

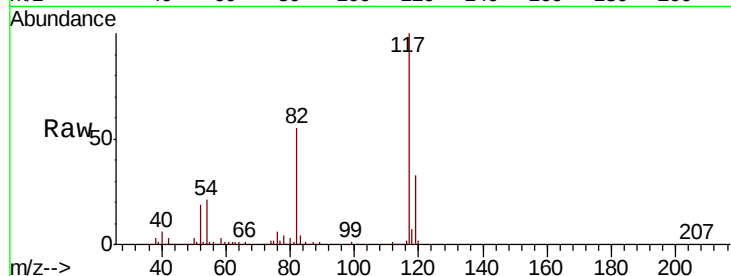




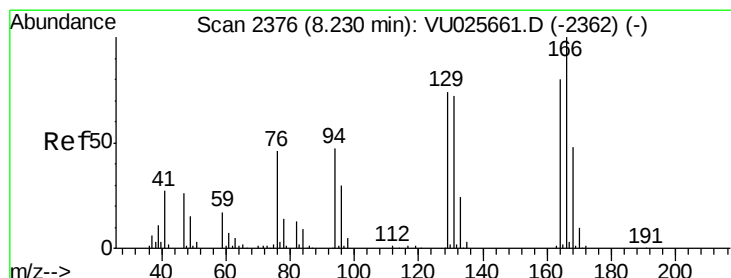
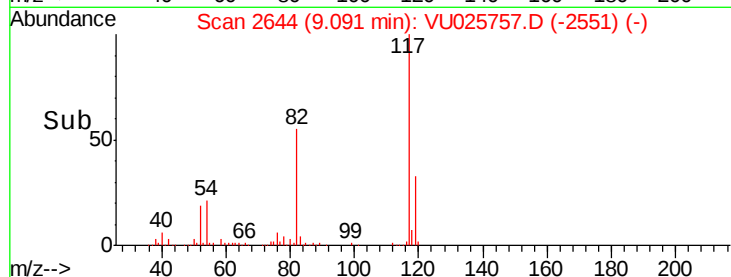
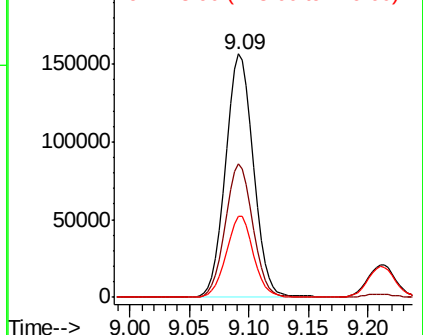
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

Tot Ion:117 Resp: 254157
Ion Ratio Lower Upper
117 100
82 54.9 46.0 69.0
119 33.2 26.0 39.0

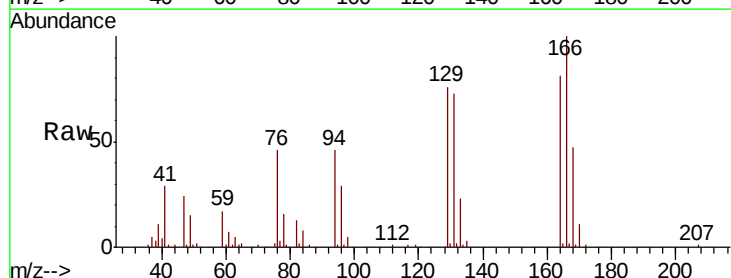


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

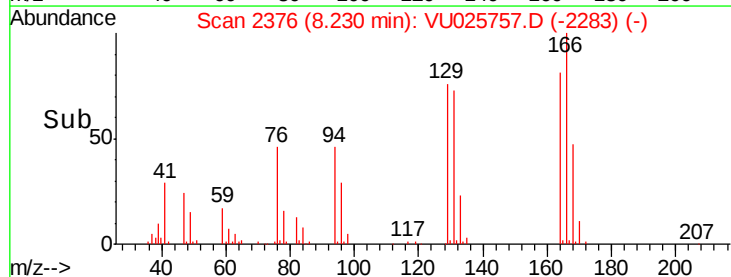
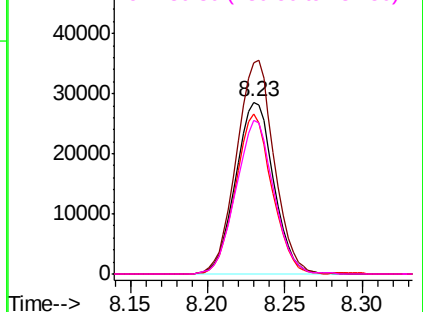


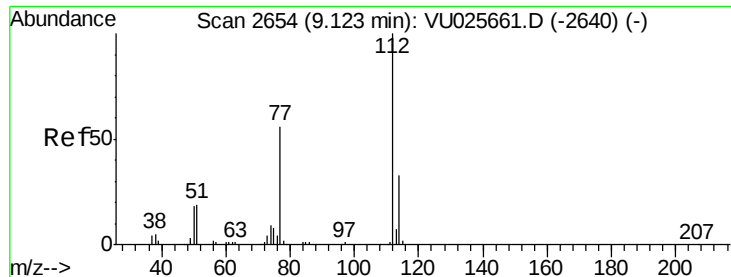
#64
Tetrachloroethene
Concen: 21.79 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion:164 Resp: 48736
Ion Ratio Lower Upper
164 100
166 123.3 101.1 151.7
129 93.1 73.0 109.6
131 89.7 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: 20.99 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

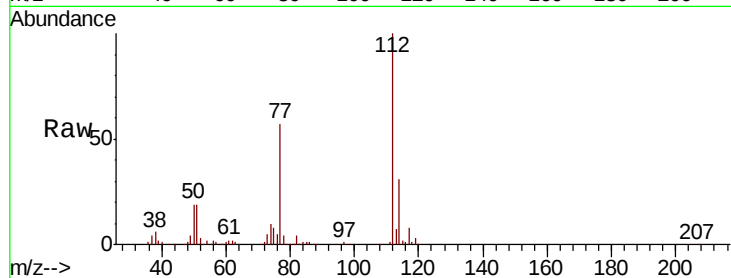
VU0801WBSD01

Tot Ion:112 Resp: 137511

Ion Ratio Lower Upper

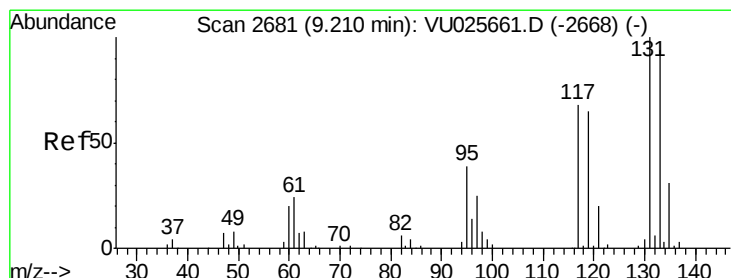
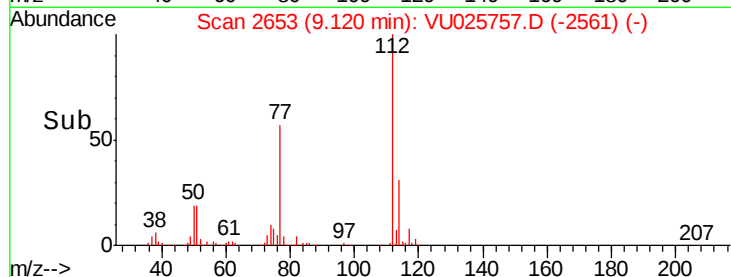
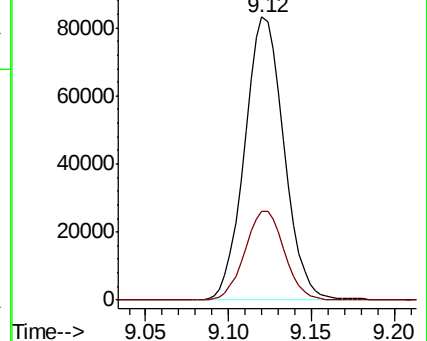
112 100

114 31.3 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: 20.82 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

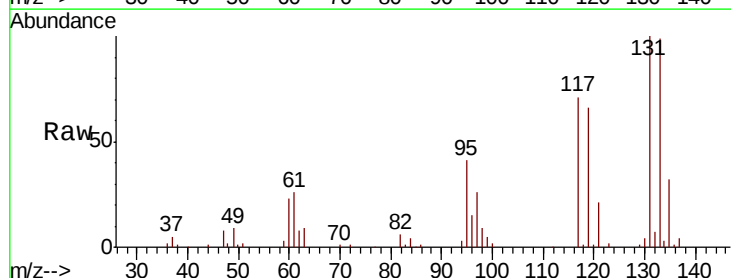
Tgt Ion:131 Resp: 49343

Ion Ratio Lower Upper

131 100

133 99.2 47.8 143.3

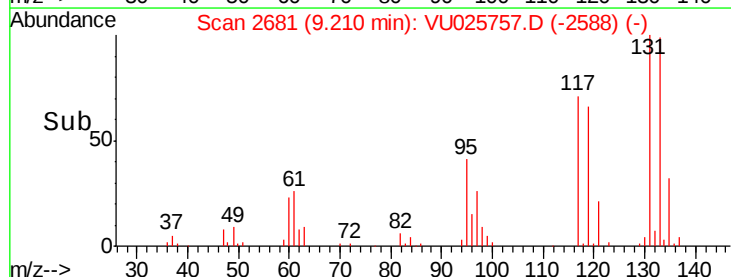
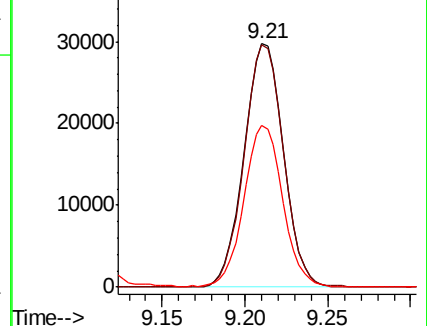
119 65.2 31.6 95.0

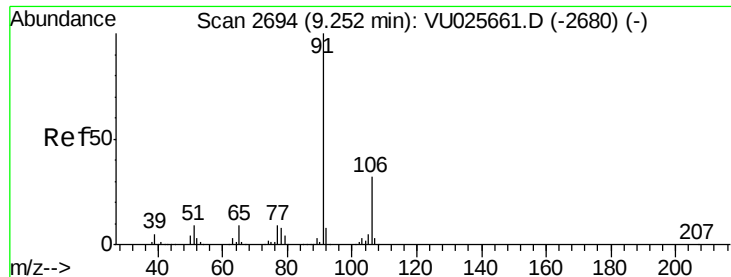


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

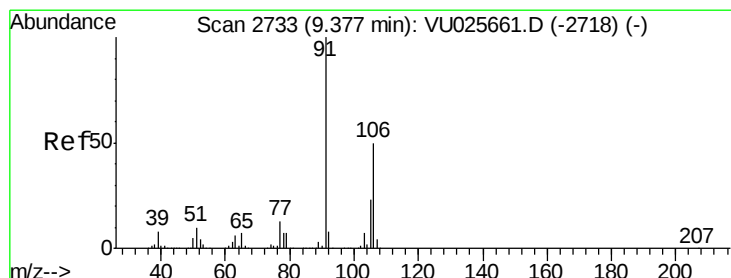
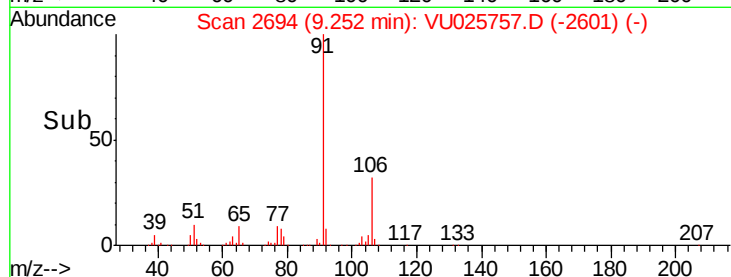
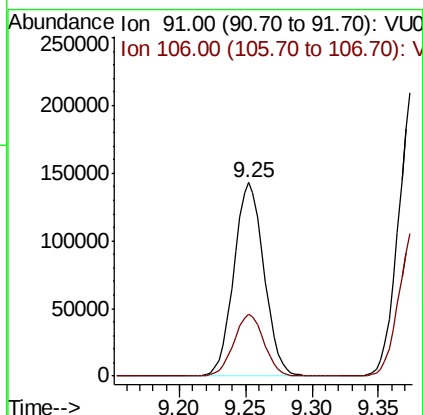
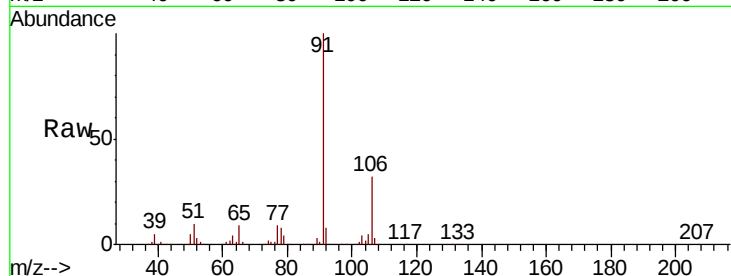




#67
Ethyl Benzene
Concen: 20.81 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

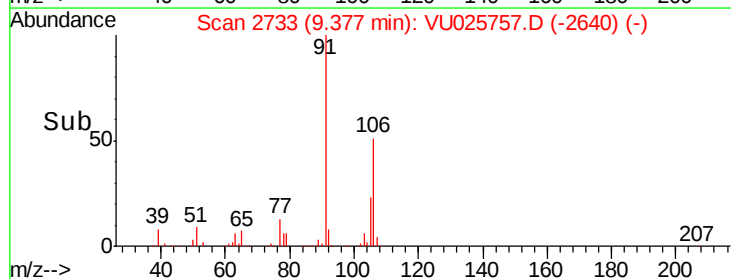
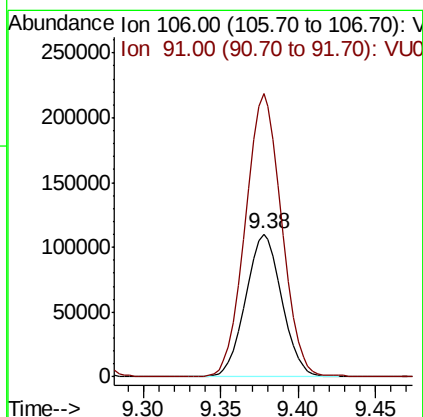
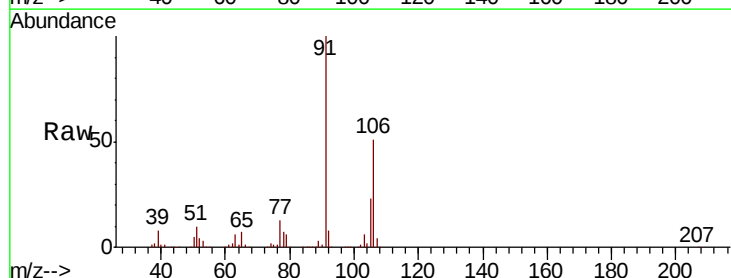
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

Tot Ion: 91 Resp: 225830
Ion Ratio Lower Upper
91 100
106 32.3 25.3 37.9



#68
m/p-Xylenes
Concen: 43.06 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion: 106 Resp: 179437
Ion Ratio Lower Upper
106 100
91 199.6 162.3 243.5

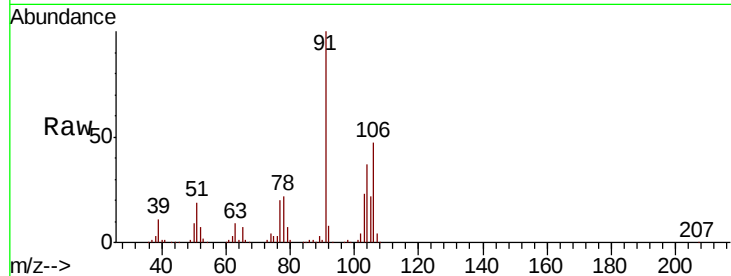




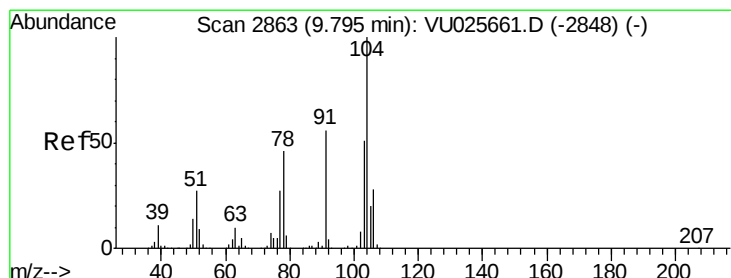
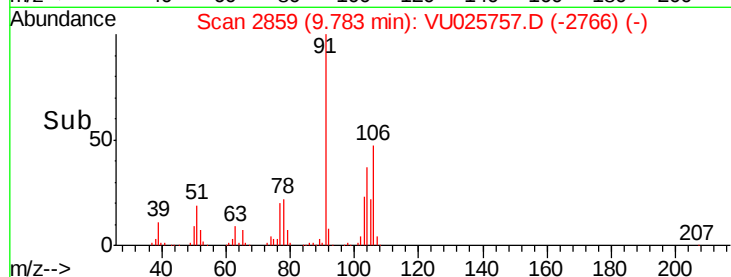
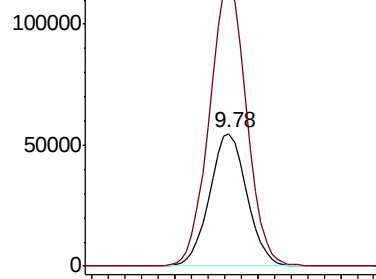
#69
o-Xylene
Concen: 21.07 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

Tot Ion:106 Resp: 85803
Ion Ratio Lower Upper
106 100
91 212.7 105.3 315.8

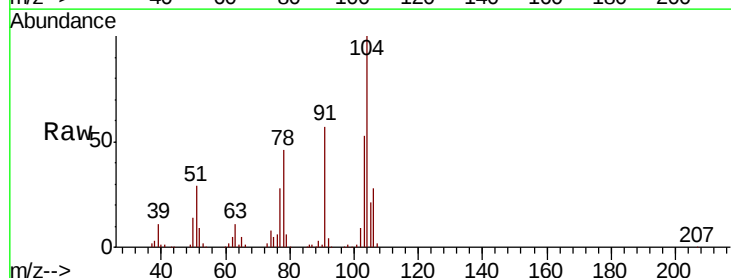


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

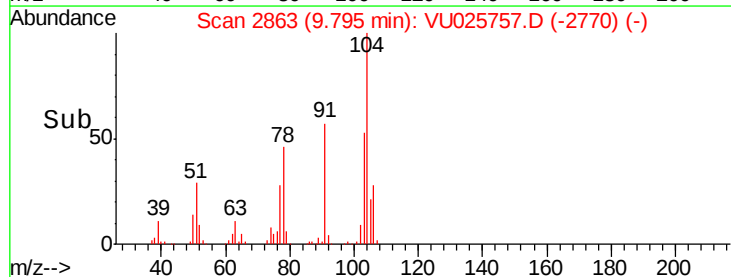
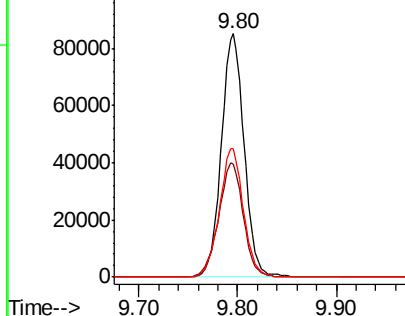


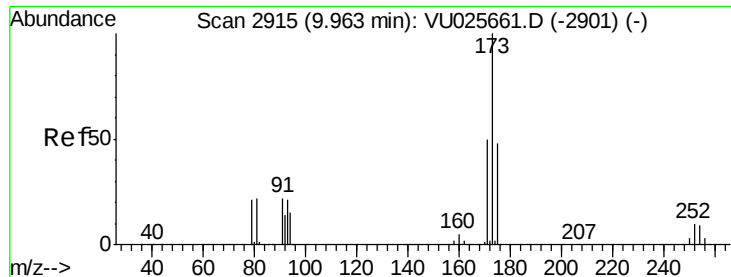
#70
Styrene
Concen: 21.05 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion:104 Resp: 138471
Ion Ratio Lower Upper
104 100
78 50.6 41.6 62.4
103 55.6 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.77 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

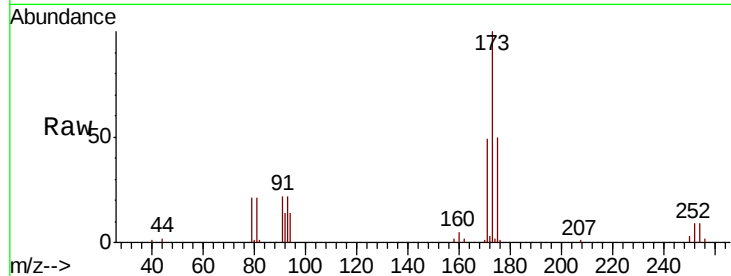
Tot Ion:173 Resp: 42684

Ion Ratio Lower Upper

173 100

175 48.5 24.0 72.0

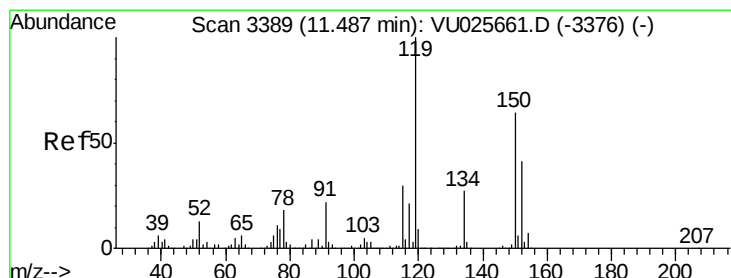
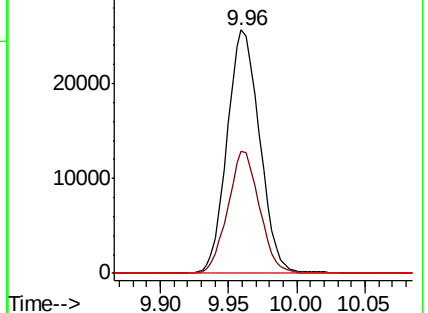
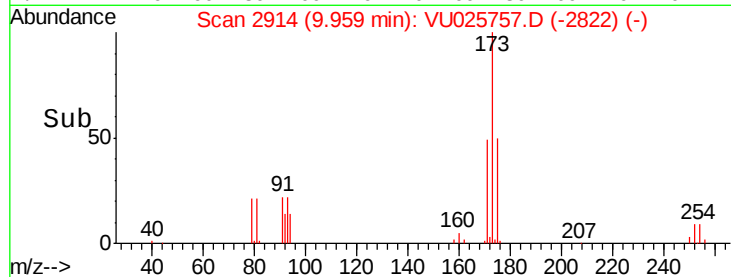
254 0.0 0.0 0.0



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: VU025757.D

Acq: 31 Jul 2018 22:25

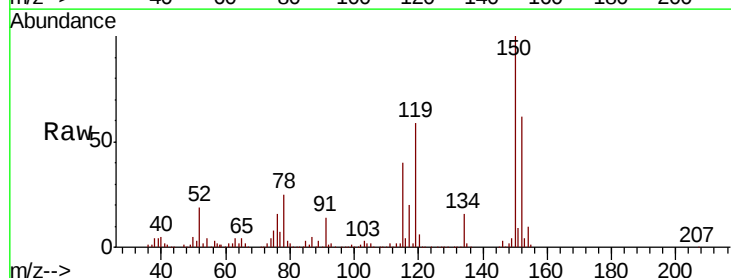
Tgt Ion:152 Resp: 157628

Ion Ratio Lower Upper

152 100

115 67.3 40.1 120.3

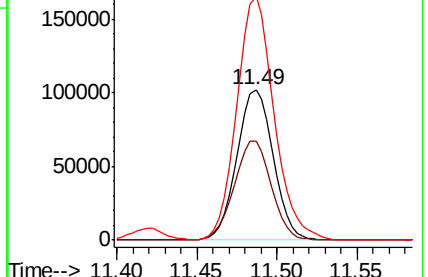
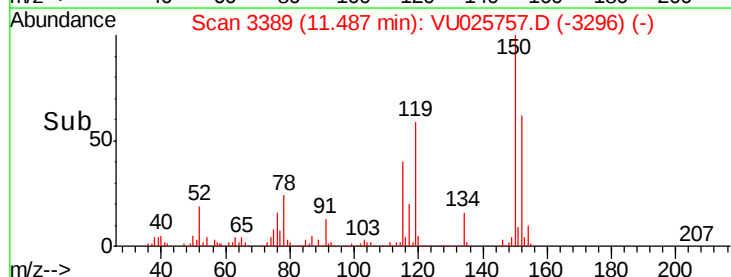
150 166.5 0.0 351.4



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: 21.52 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

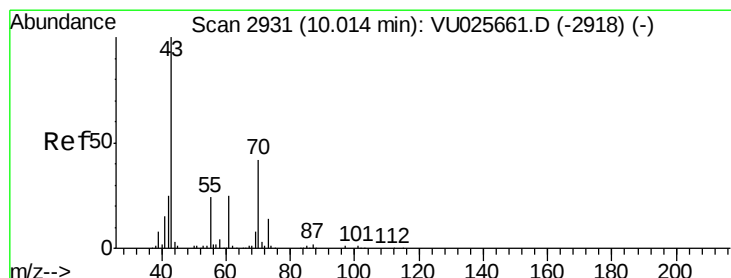
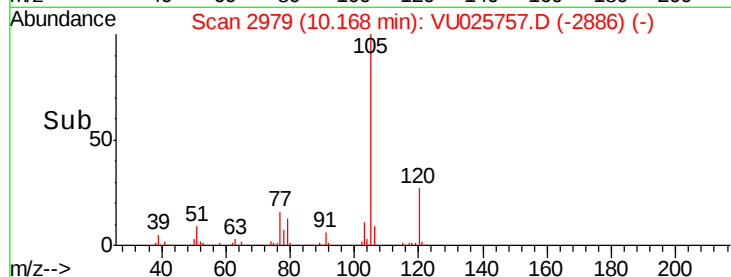
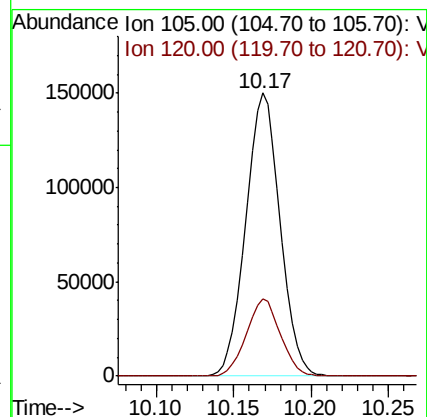
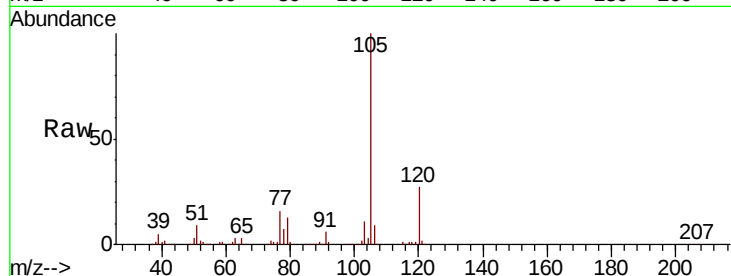
VU0801WBSD01

Tot Ion:105 Resp: 231474

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 21.55 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Tgt Ion: 43 Resp: 94640

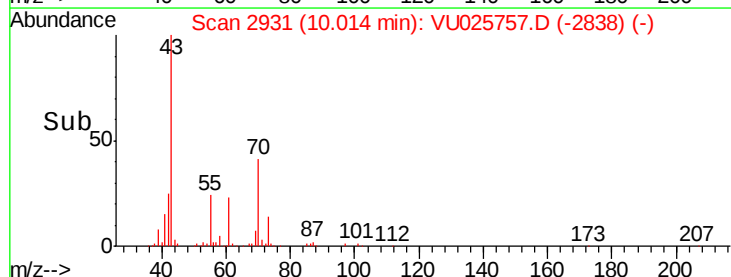
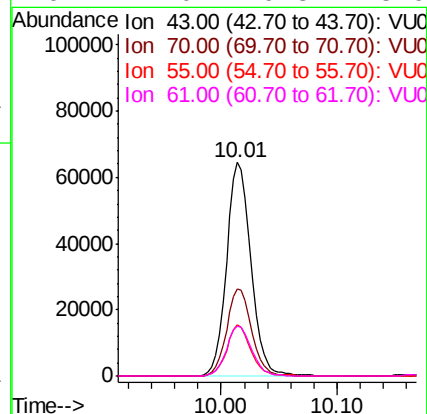
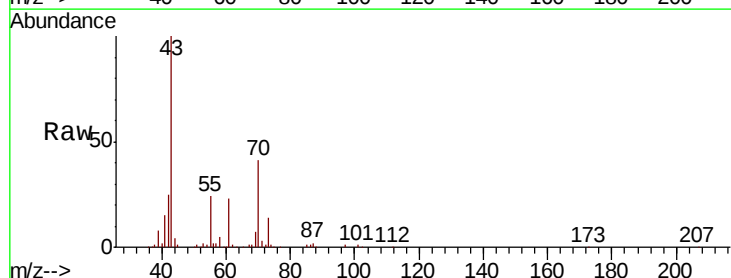
Ion Ratio Lower Upper

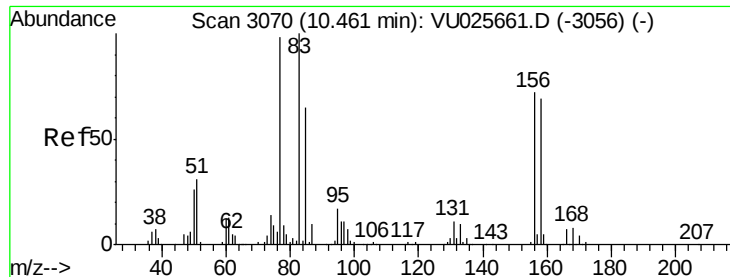
43 100

70 41.6 33.4 50.2

55 23.5 19.0 28.6

61 24.0 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.04 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

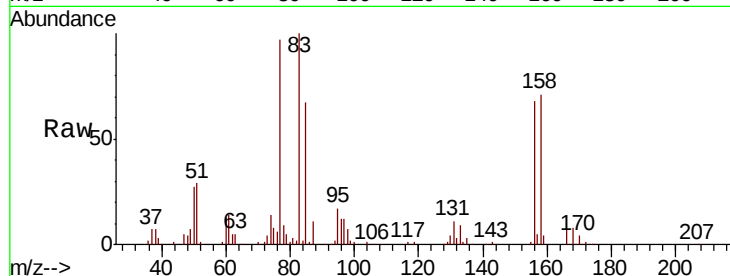
Tot Ion: 83 Resp: 78282

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

85 65.2 31.6 94.8

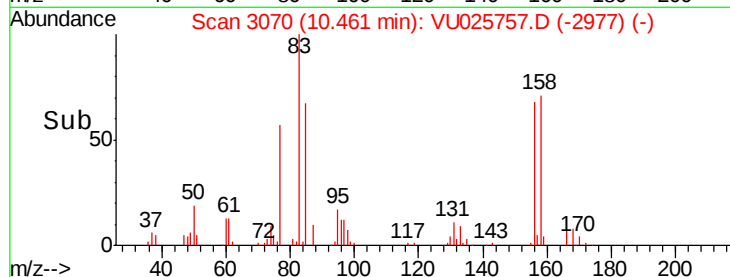


Abundance Ion 82.90 (82.60 to 83.60): VU025661.D (-3056) (-)

Ion 130.80 (130.50 to 131.50): VU025661.D (-3056) (-)

Ion 84.90 (84.60 to 85.60): VU025661.D (-3056) (-)

Time-->

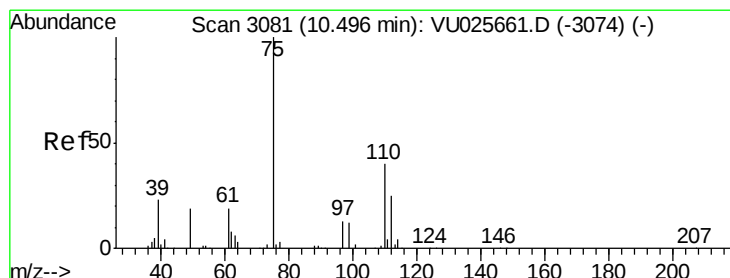


Abundance Ion 82.90 (82.60 to 83.60): VU025757.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025757.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025757.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 25.44 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025757.D

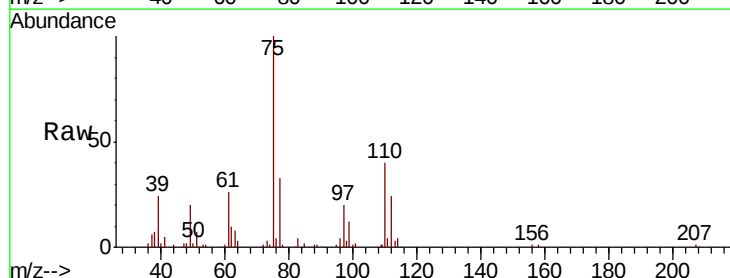
Acq: 31 Jul 2018 22:25

Tgt Ion: 75 Resp: 88350

Ion Ratio Lower Upper

75 100

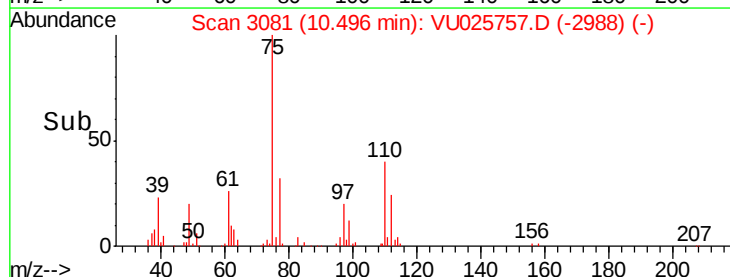
77 30.9 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025661.D (-3074) (-)

Ion 77.00 (76.70 to 77.70): VU025661.D (-3074) (-)

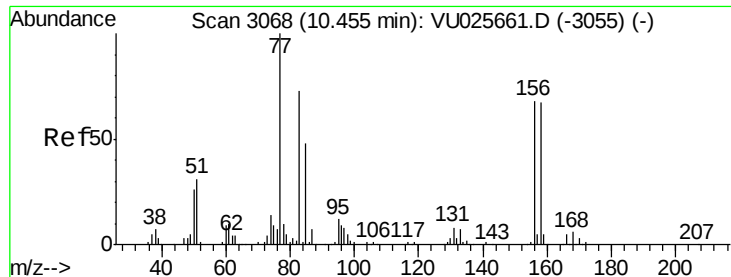
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU025757.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025757.D (-2988) (-)

Time-->



#77

Bromobenzene

Concen: 21.10 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

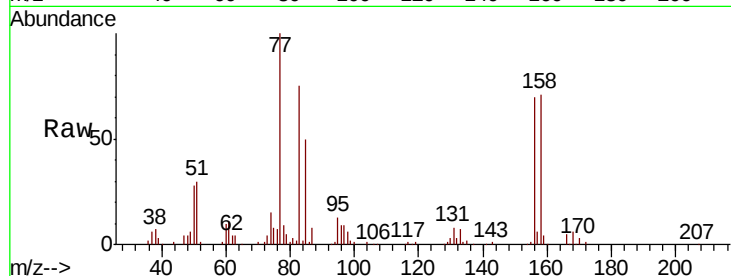
Tot Ion:156 Resp: 62625

Ion Ratio Lower Upper

156 100

77 146.2 73.8 221.4

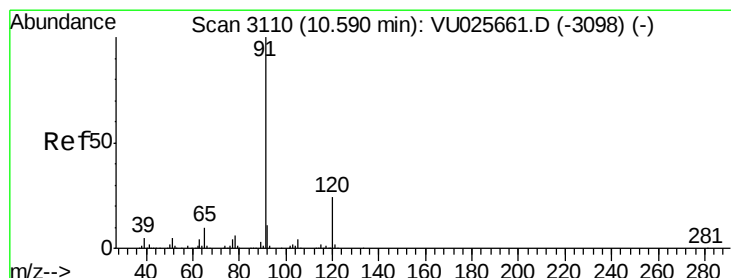
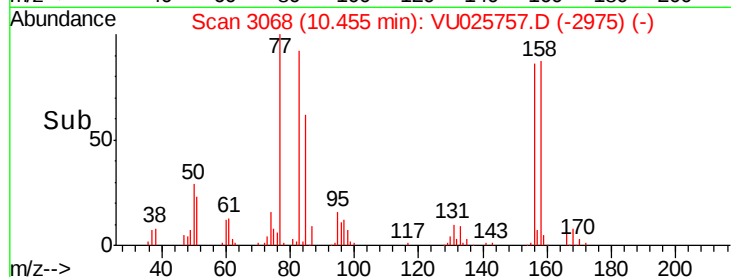
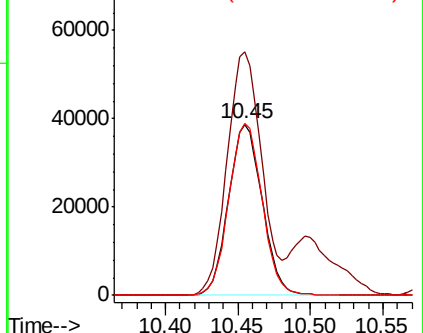
158 99.4 48.0 144.0



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: 21.48 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025757.D

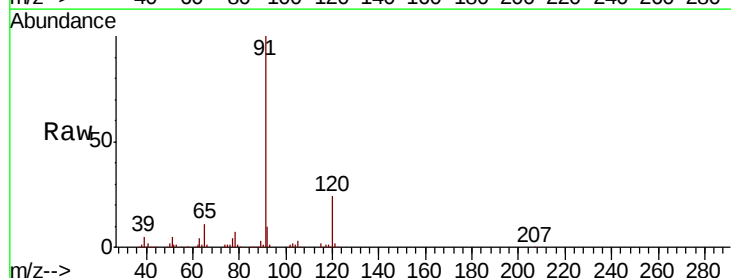
Acq: 31 Jul 2018 22:25

Tgt Ion: 91 Resp: 269731

Ion Ratio Lower Upper

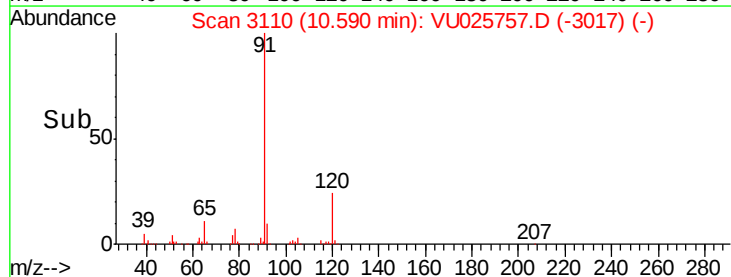
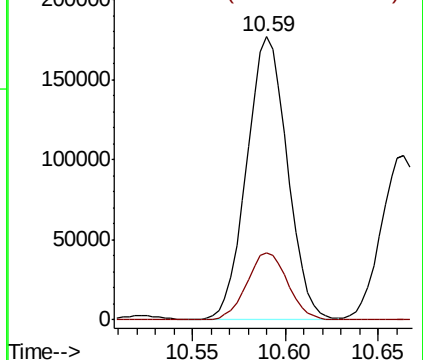
91 100

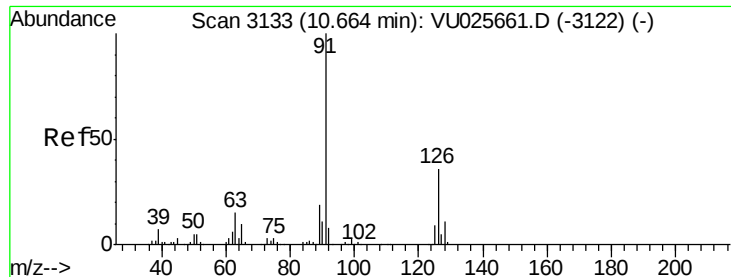
120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.71 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

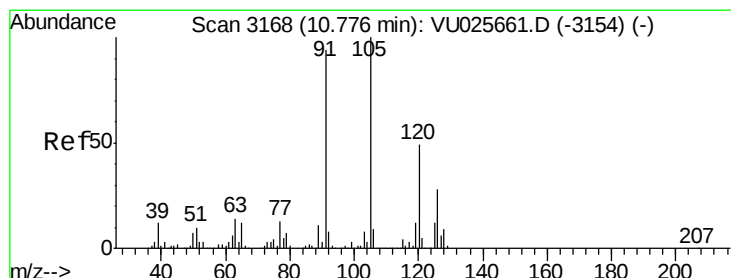
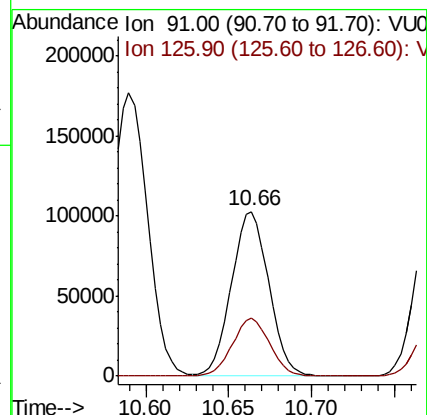
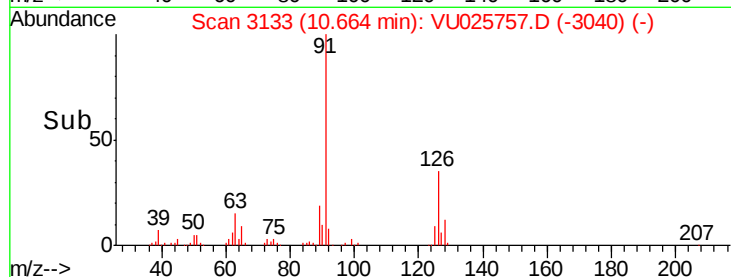
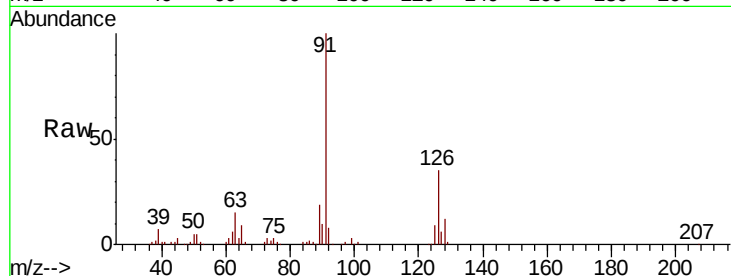
VU0801WBSD01

Tot Ion: 91 Resp: 159686

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 21.67 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025757.D

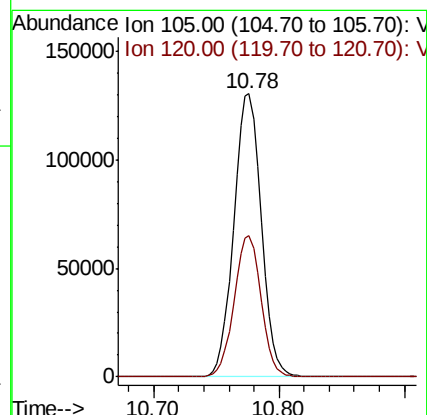
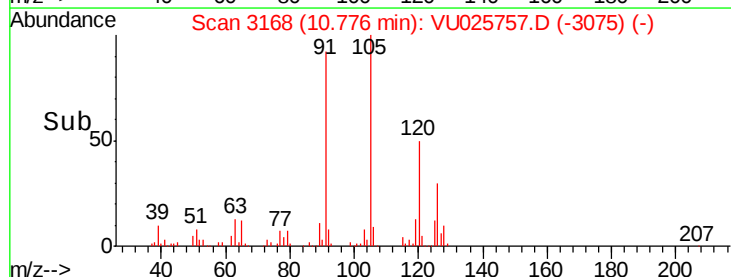
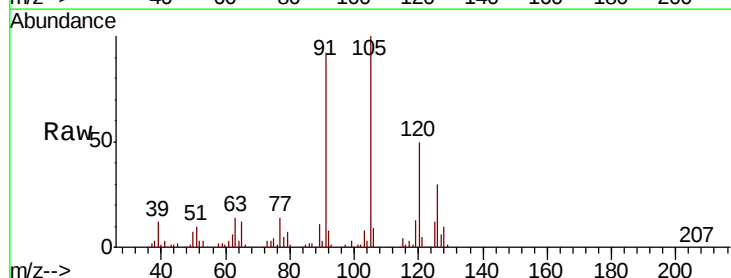
Acq: 31 Jul 2018 22:25

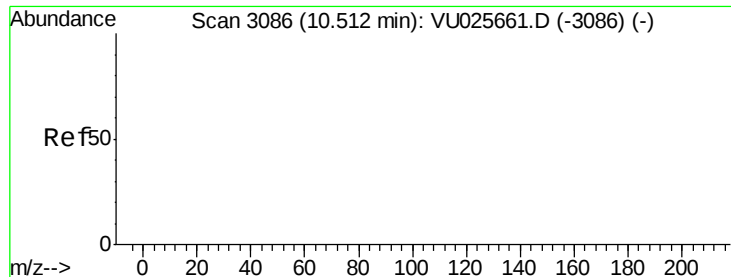
Tgt Ion: 105 Resp: 197956

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2

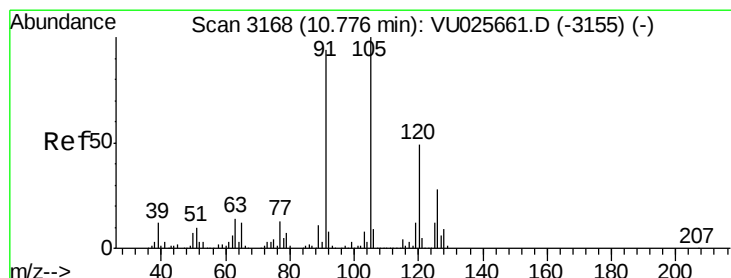
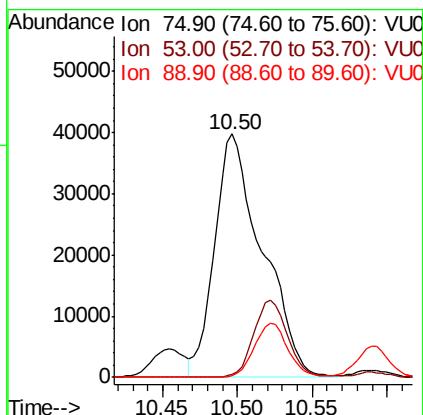
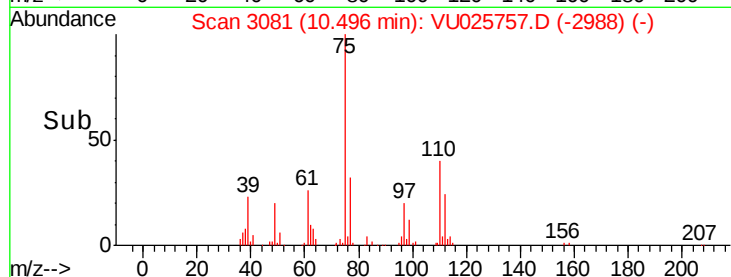
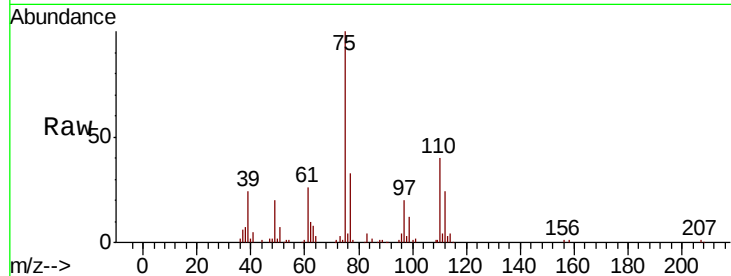




#81
trans-1,4-Dichloro-2-butene
Concen: 63.79 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

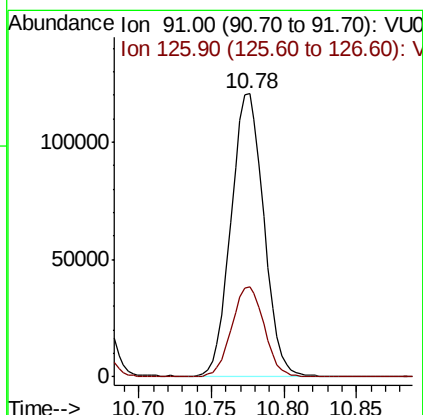
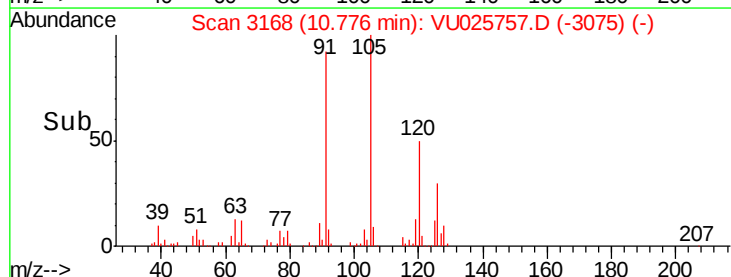
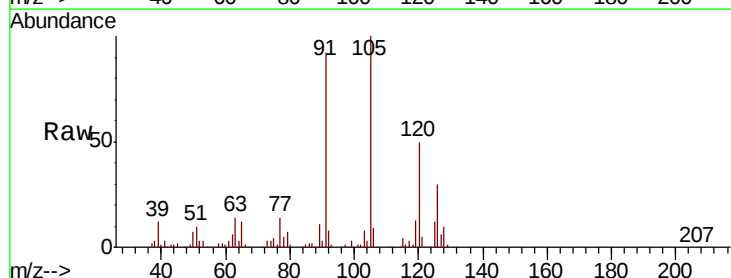
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

Tot Ion: 75 Resp: 88350
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.79 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion: 91 Resp: 188923
Ion Ratio Lower Upper
91 100
126 31.8 15.3 45.9

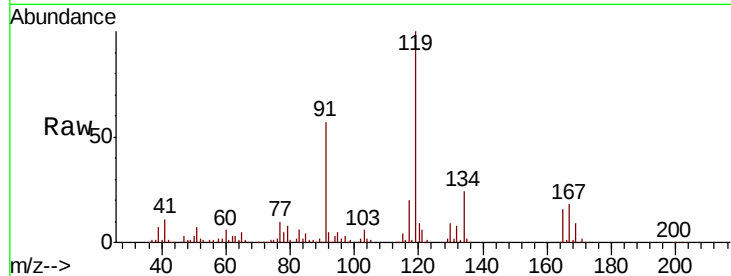




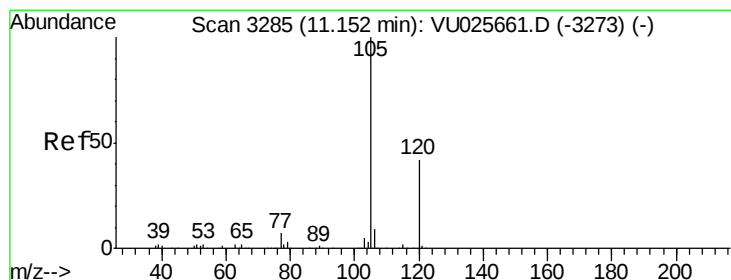
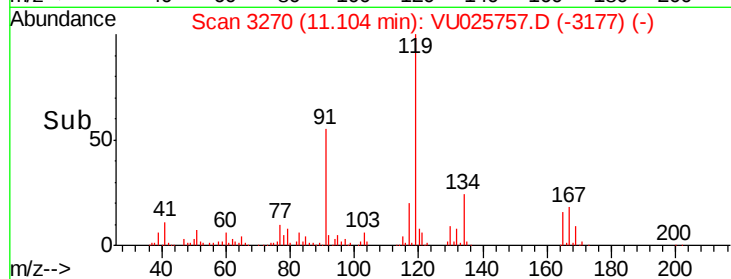
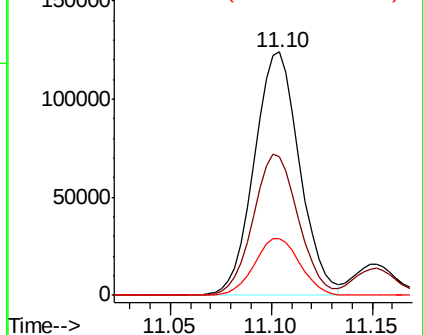
#83
 tert-Butylbenzene
 Concen: 21.43 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

Tot Ion:119 Resp: 194578
 Ion Ratio Lower Upper
 119 100
 91 57.5 29.7 89.1
 134 23.5 11.5 34.5

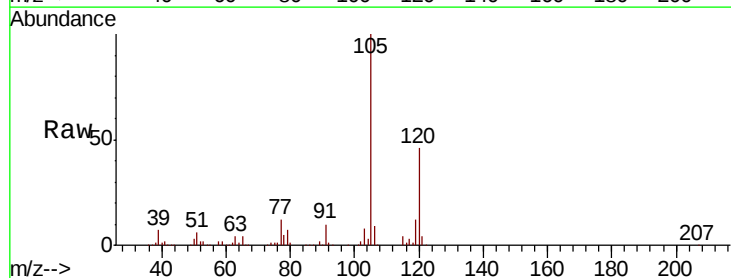


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

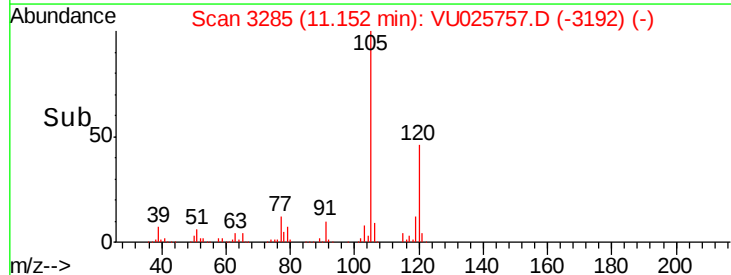
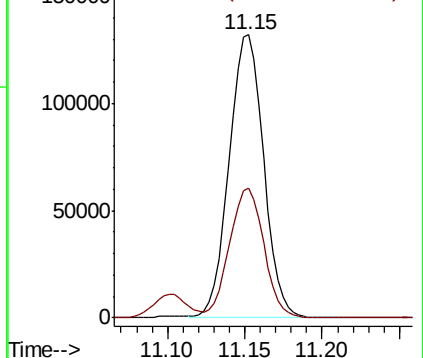


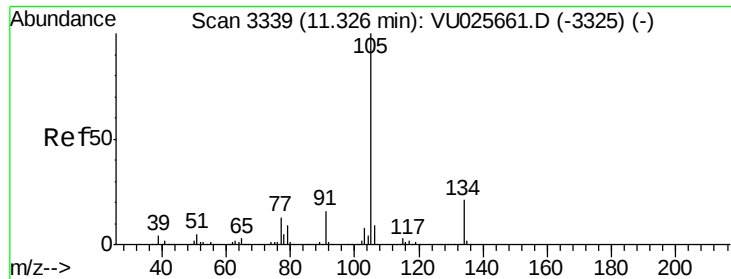
#84
 1,2,4-Trimethylbenzene
 Concen: 22.02 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion:105 Resp: 203848
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.19 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

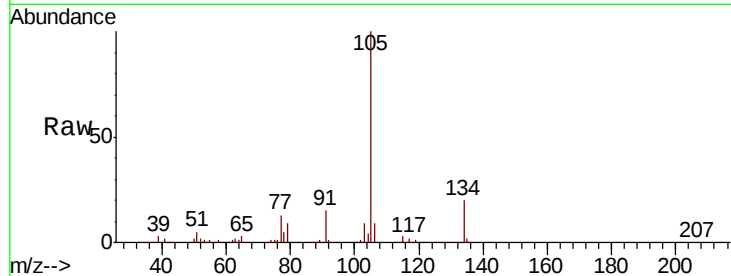
VU0801WBSD01

Tot Ion:105 Resp: 234880

Ion Ratio Lower Upper

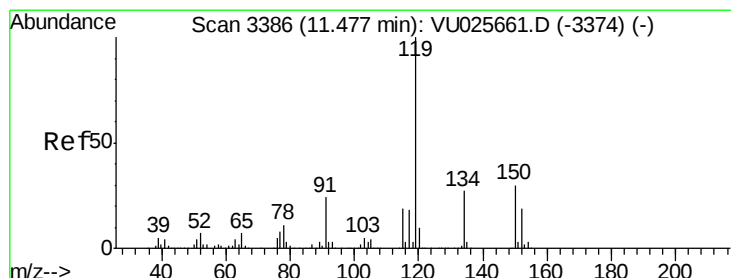
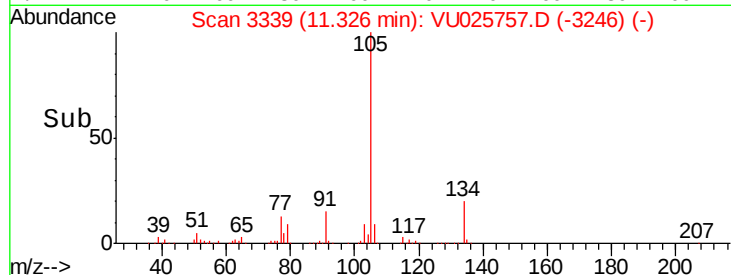
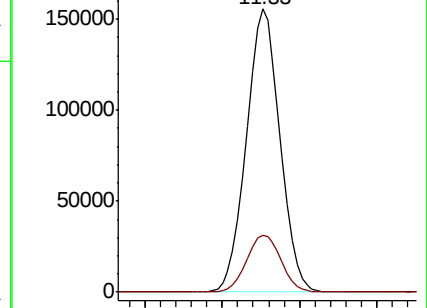
105 100

134 20.6 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: 21.17 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

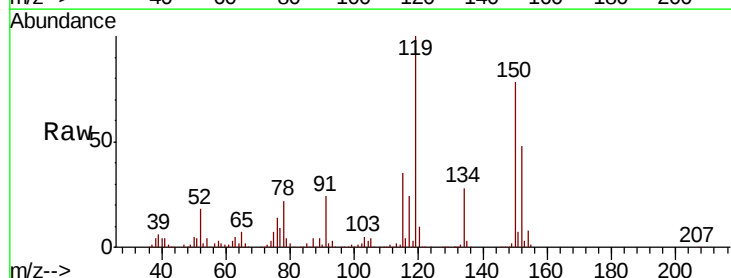
Tgt Ion:119 Resp: 210069

Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

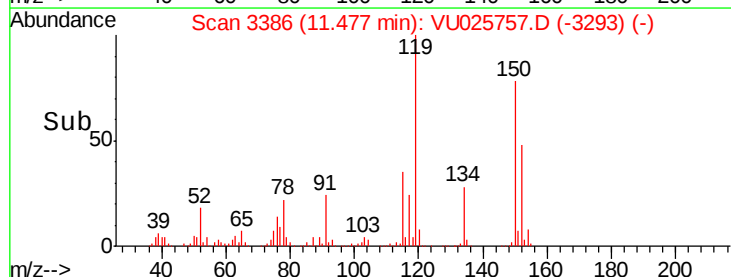
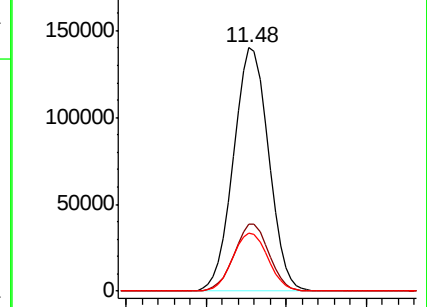
91 24.1 12.0 36.1

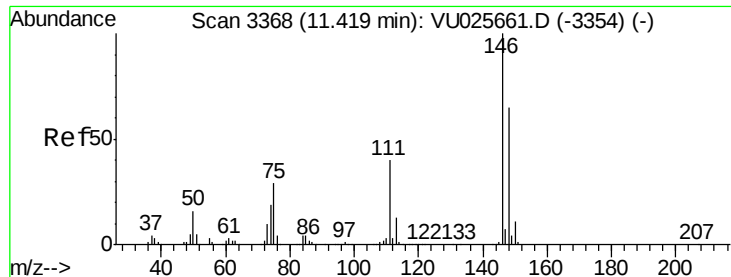


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87

1,3-Dichlorobenzene

Concen: 21.17 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0801WBSD01

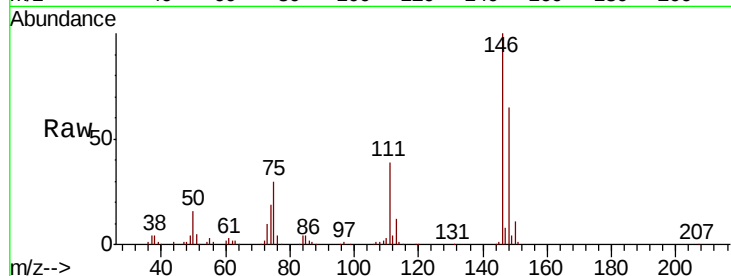
Tot Ion:146 Resp: 116605

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

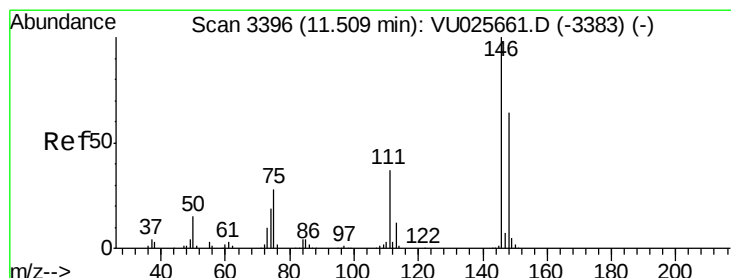
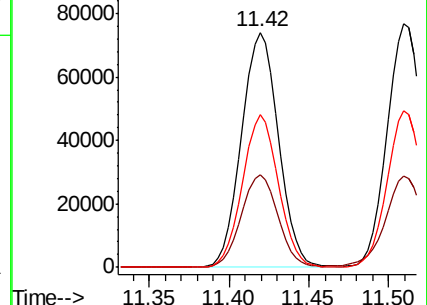
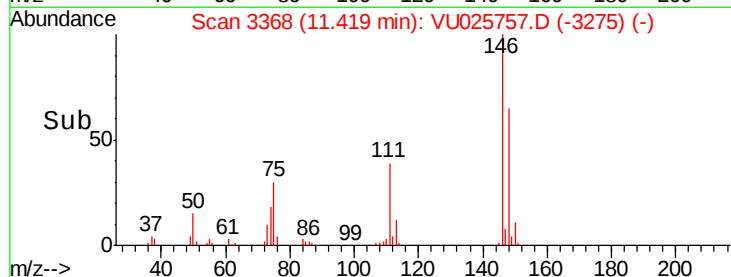
148 63.1 32.1 96.3



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: 21.09 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025757.D

Acq: 31 Jul 2018 22:25

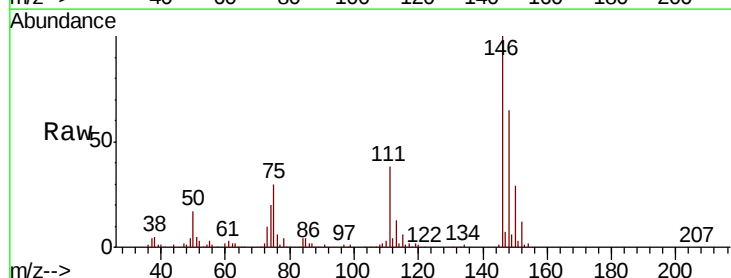
Tgt Ion:146 Resp: 121074

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.1

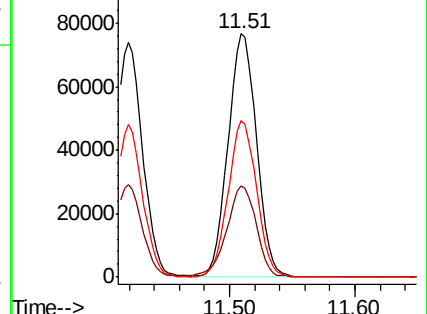
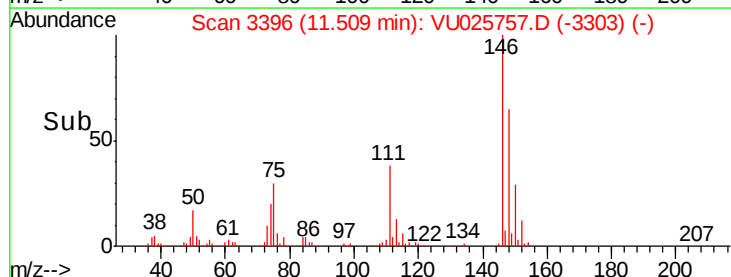
148 64.2 31.7 95.1

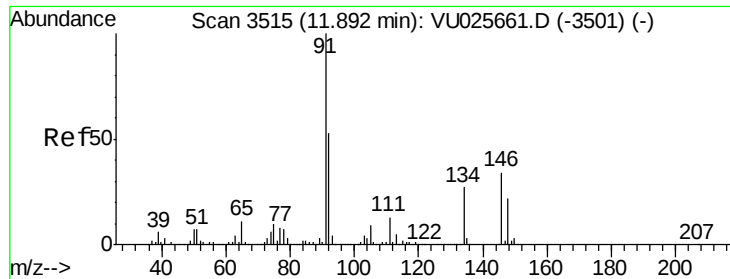


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

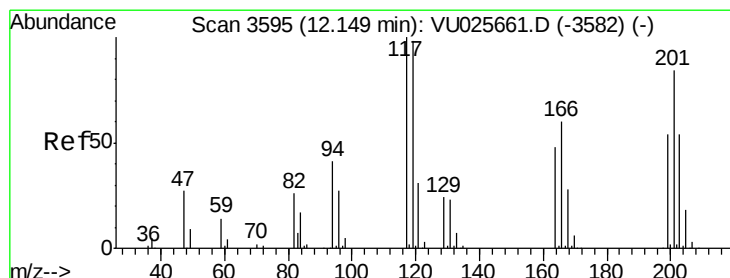
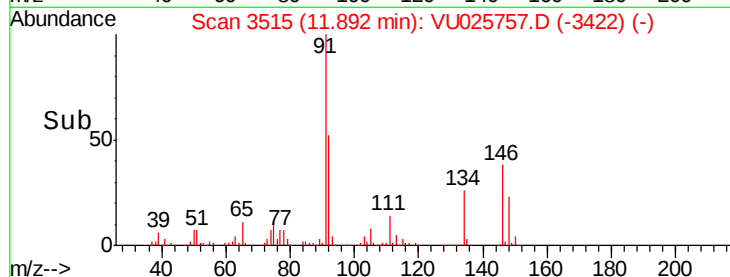
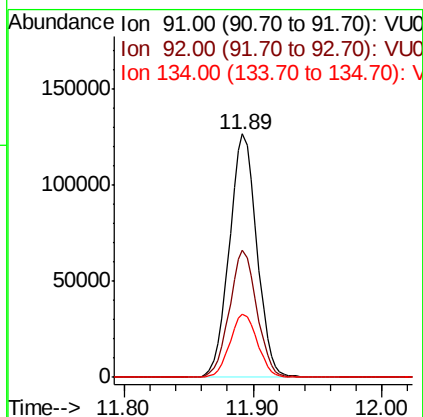
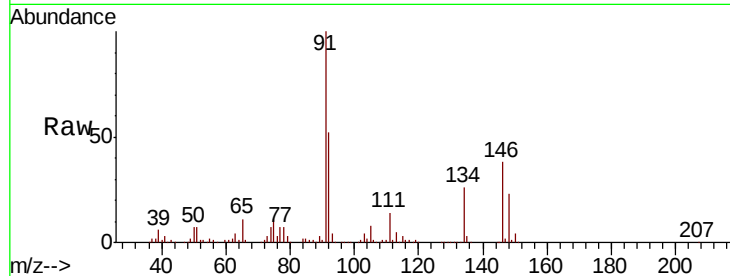




#89
n-Butylbenzene
Concen: 20.45 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

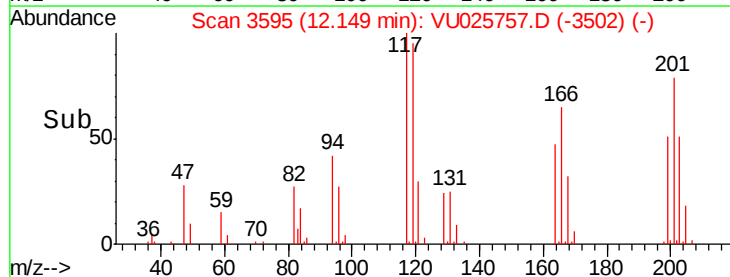
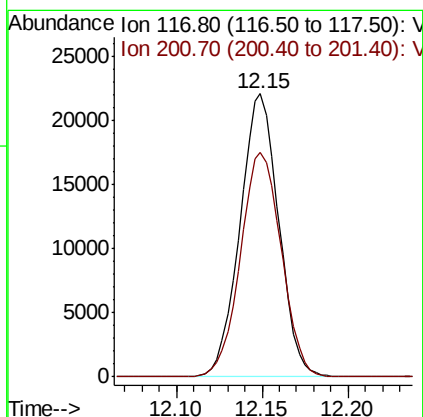
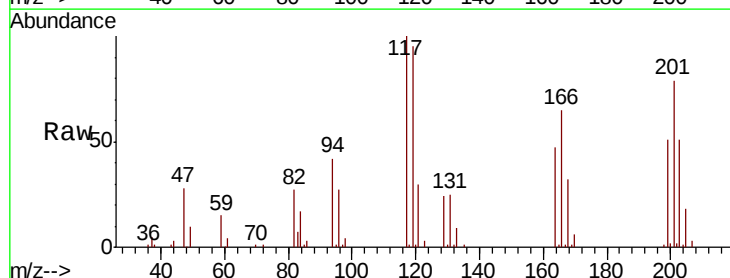
Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

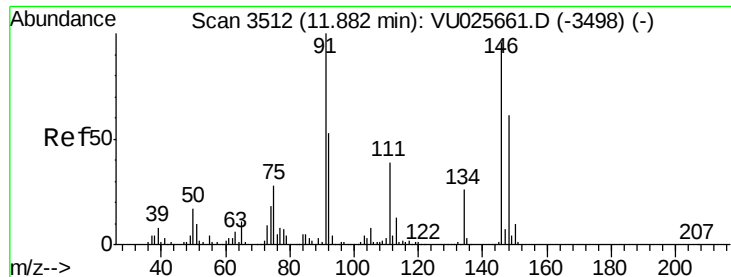
Tot Ion: 91 Resp: 187287
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 26.2 13.6 40.7



#90
Hexachloroethane
Concen: 19.54 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion: 117 Resp: 34476
Ion Ratio Lower Upper
117 100
201 83.9 42.5 127.6

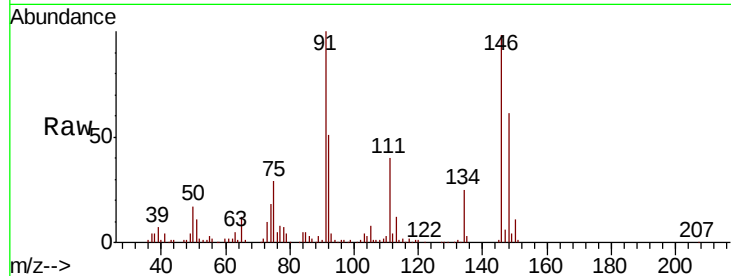




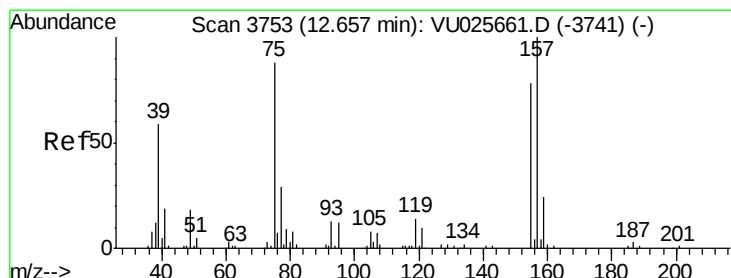
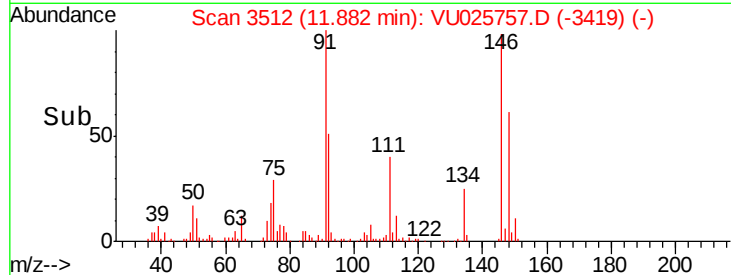
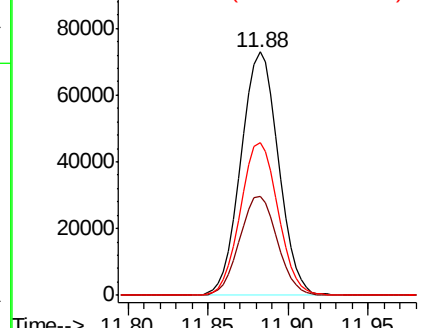
#91
 1,2-Dichlorobenzene
 Concen: 21.57 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

Tot Ion:146 Resp: 116435
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.8
 148 63.0 31.5 94.5

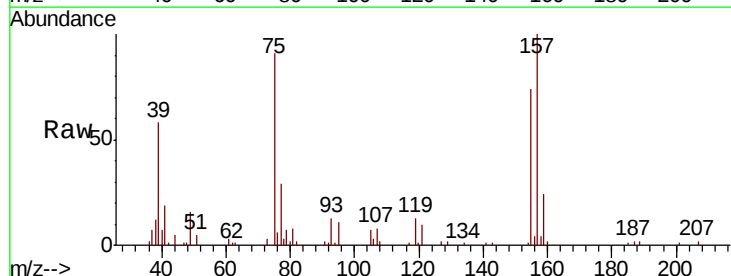


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

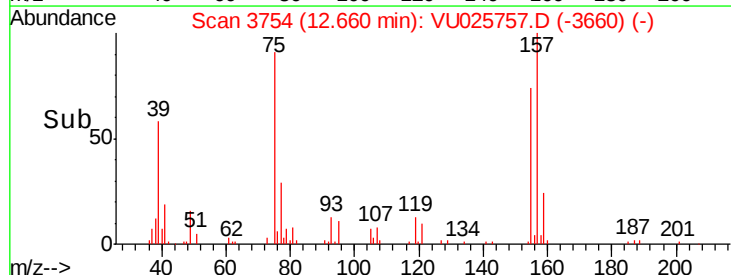
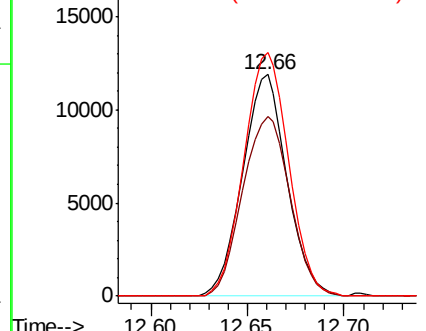


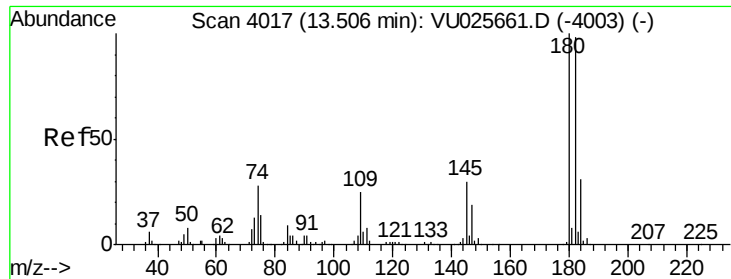
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.57 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion: 75 Resp: 19024
 Ion Ratio Lower Upper
 75 100
 155 86.2 44.5 133.3
 157 110.4 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

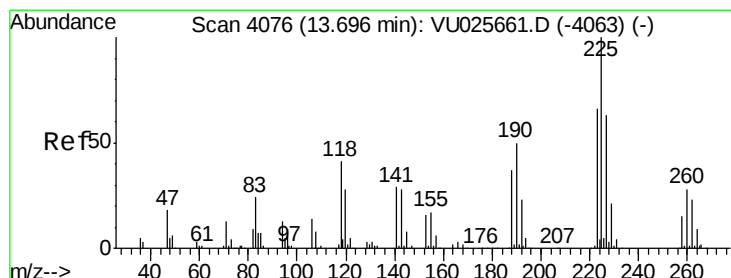
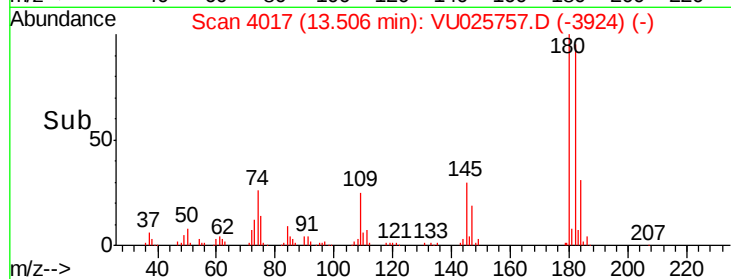
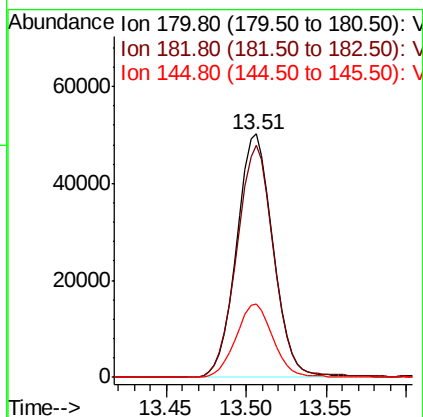
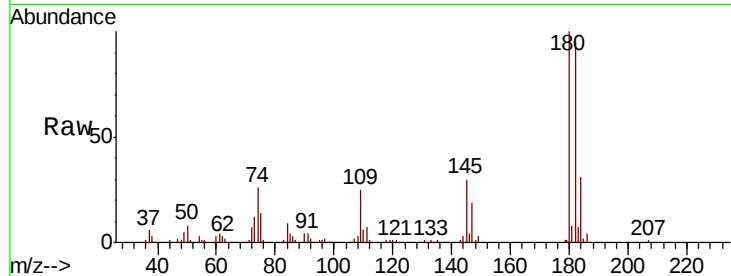




#93
 1,2,4-Trichlorobenzene
 Concen: 21.38 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

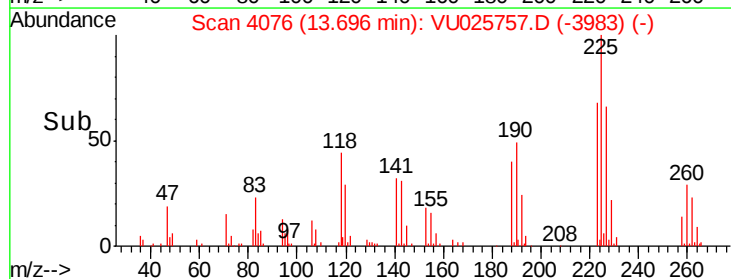
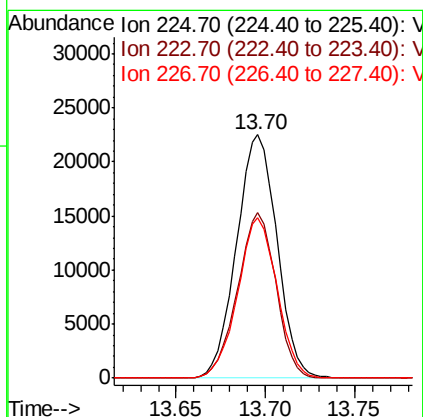
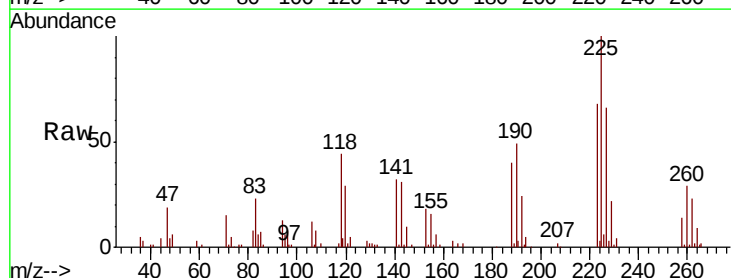
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD01

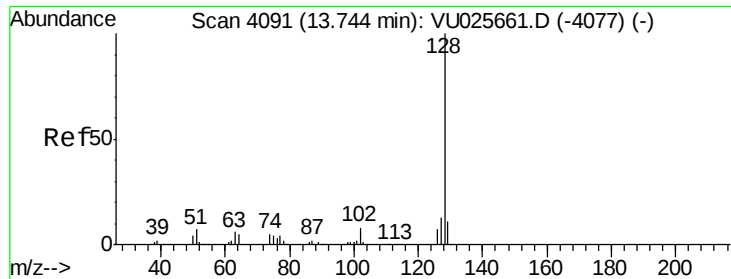
Tot Ion:180 Resp: 77909
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.3 141.9
 145 30.3 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 18.47 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025757.D
 Acq: 31 Jul 2018 22:25

Tgt Ion:225 Resp: 35474
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.9 95.7
 227 63.9 32.3 96.9

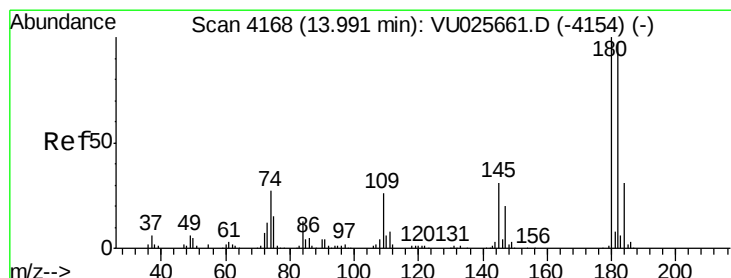
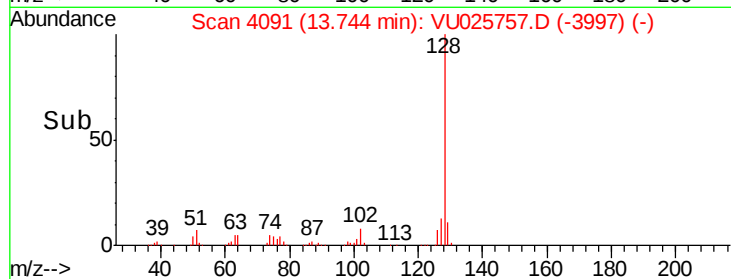
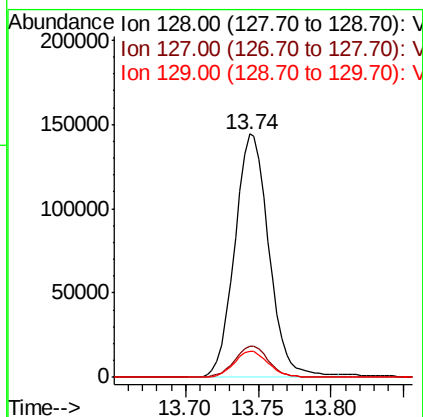
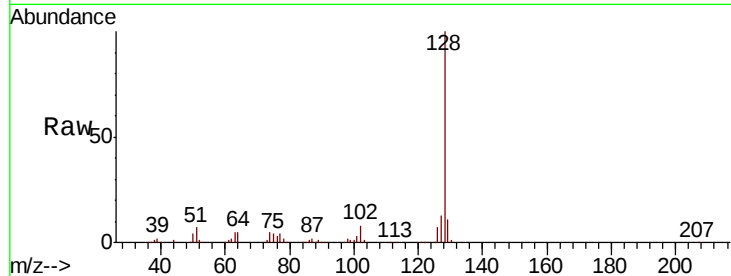




#95
Naphthalene
Concen: 20.94 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
VU0801WBSD01

Tot Ion:128 Resp: 236397
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.5 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 22.19 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025757.D
Acq: 31 Jul 2018 22:25

Tgt Ion:180 Resp: 80668
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.3
145 31.6 15.6 46.8

