

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029177.D
 Acq On : 15 Jan 2019 11:53
 Operator : JC/SP
 Sample : VU0115WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

Quant Time: Jan 16 04:32:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	116277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	191545	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85532	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75923	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	4.88	113	64483	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	7.56	98	247431	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	10.30	95	86696	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	22165	19.222	ug/l	100
3) Chloromethane	1.33	50	33995	18.024	ug/l	97
4) Vinyl Chloride	1.40	62	34489	20.296	ug/l	99
5) Bromomethane	1.62	94	19812	20.910	ug/l	99
6) Chloroethane	1.69	64	20396	20.150	ug/l	98
7) Trichlorofluoromethane	1.88	101	37820	20.425	ug/l	99
8) Diethyl Ether	2.10	74	18268	20.535	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	24741	19.969	ug/l	99
10) Methyl Iodide	2.41	142	25605	21.979	ug/l	100
11) Tert butyl alcohol	2.83	59	41899	114.676	ug/l	98
12) 1,1-Dichloroethene	2.28	96	24303	20.152	ug/l	100
13) Acrolein	2.19	56	25372	92.479	ug/l	99
14) Allyl chloride	2.59	41	42103	19.028	ug/l	92
15) Acrylonitrile	2.93	53	99790	111.326	ug/l	99
16) Acetone	2.32	43	88288	97.501	ug/l	99
17) Carbon Disulfide	2.48	76	74424	18.283	ug/l	100
18) Methyl Acetate	2.61	43	49491	23.506	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	89627	21.139	ug/l	99
20) Methylene Chloride	2.70	84	30330	19.728	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	27858	19.883	ug/l	99
22) Diisopropyl ether	3.57	45	95346	21.802	ug/l	96
23) Vinyl Acetate	3.52	43	381965	106.840	ug/l	100
24) 1,1-Dichloroethane	3.44	63	53839	21.326	ug/l	99
25) 2-Butanone	4.26	43	136170	111.338	ug/l	99
26) 2,2-Dichloropropane	4.22	77	43240	21.197	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	32307	21.082	ug/l	99
28) Bromochloromethane	4.55	49	25040	23.164	ug/l	99
29) Tetrahydrofuran	4.64	42	86406	116.484	ug/l	97
30) Chloroform	4.67	83	51971	21.614	ug/l	100
31) Cyclohexane	4.99	56	50214	20.406	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	42627	21.455	ug/l	99
36) 1,1-Dichloropropene	5.13	75	38454	20.085	ug/l	99
37) Ethyl Acetate	4.38	43	46823	22.280	ug/l	99
38) Carbon Tetrachloride	5.13	117	32784	20.530	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029177.D
 Acq On : 15 Jan 2019 11:53
 Operator : JC/SP
 Sample : VU0115WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

Quant Time: Jan 16 04:32:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	45515	19.337	ug/l	98
40) Benzene	5.39	78	124610	20.865	ug/l	100
41) Methacrylonitrile	4.54	41	25911	23.033	ug/l	97
42) 1,2-Dichloroethane	5.40	62	39866	22.215	ug/l	100
43) Isopropyl Acetate	5.55	43	72220	22.402	ug/l	99
44) Trichloroethene	6.18	130	29528	19.955	ug/l	99
45) 1,2-Dichloropropane	6.43	63	33766	21.410	ug/l	99
46) Dibromomethane	6.56	93	21271	21.098	ug/l	99
47) Bromodichloromethane	6.76	83	40472	21.803	ug/l	98
48) Methyl methacrylate	6.62	41	34910	22.239	ug/l	98
49) 1,4-Dioxane	6.61	88	17844	479.672	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	245507	111.901	ug/l	99
52) Toluene	7.64	92	75717	20.826	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	46231	20.733	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	50070	20.781	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	31728	21.784	ug/l	98
56) Ethyl methacrylate	8.02	69	46393	20.675	ug/l	97
57) 1,3-Dichloropropane	8.24	76	53562	21.492	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	91332	92.552	ug/l	99
59) 2-Hexanone	8.36	43	189991	110.320	ug/l	98
60) Dibromochloromethane	8.48	129	29740	20.610	ug/l	96
61) 1,2-Dibromoethane	8.58	107	32926	20.844	ug/l	97
64) Tetrachloroethene	8.22	164	27006	20.822	ug/l	94
65) Chlorobenzene	9.12	112	82087	20.339	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	27905	21.306	ug/l	98
67) Ethyl Benzene	9.25	91	138417	20.542	ug/l	99
68) m/p-Xylenes	9.37	106	105515	40.302	ug/l	98
69) o-Xylene	9.78	106	52275	20.723	ug/l	100
70) Styrene	9.79	104	83339	20.152	ug/l	99
71) Bromoform	9.95	173	23702	20.324	ug/l #	97
73) Isopropylbenzene	10.16	105	136246	21.521	ug/l	100
74) N-amyl acetate	10.01	43	58212	21.338	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.45	83	54643	21.536	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	61589	29.389	ug/l	84
77) Bromobenzene	10.45	156	34470	20.893	ug/l	98
78) n-propylbenzene	10.58	91	161485	21.644	ug/l	99
79) 2-Chlorotoluene	10.66	91	96461	21.313	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	113398	21.449	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	61589	75.795	ug/l #	100
82) 4-Chlorotoluene	10.77	91	108894	20.983	ug/l	99
83) tert-Butylbenzene	11.10	119	109012	20.920	ug/l	99
84) 1,2,4-Trimethylbenzene	11.14	105	112923	21.394	ug/l	100
85) sec-Butylbenzene	11.32	105	138319	21.949	ug/l	100
86) p-Isopropyltoluene	11.47	119	116419	21.679	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	62302	20.588	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	63442	20.310	ug/l	99
89) n-Butylbenzene	11.89	91	104621	21.828	ug/l	98
90) Hexachloroethane	12.14	117	18409	20.378	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	62560	20.525	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	11349	23.255	ug/l	96

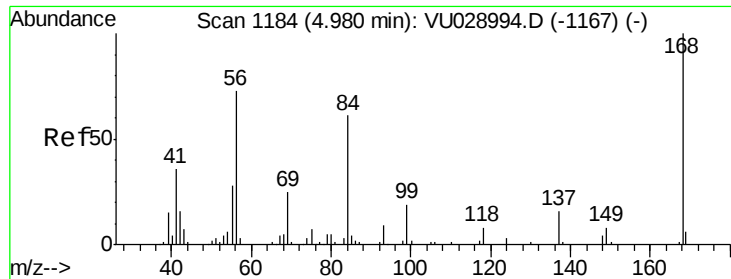
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
Data File : VU029177.D
Acq On : 15 Jan 2019 11:53
Operator : JC/SP
Sample : VU0115WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

Quant Time: Jan 16 04:32:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	39611	20.358	ug/l	99
94) Hexachlorobutadiene	13.69	225	19095	21.456	ug/l	97
95) Naphthalene	13.74	128	132770	20.059	ug/l	99
96) 1,2,3-Trichlorobenzene	13.98	180	40918	20.887	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

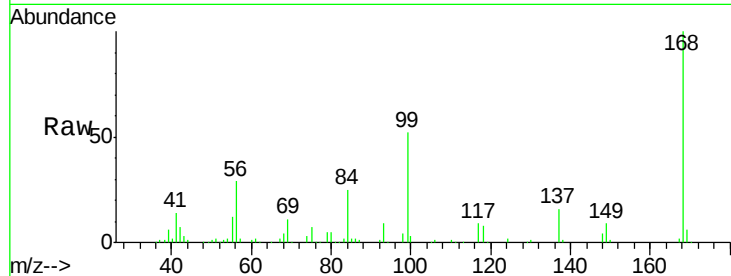
VU0115WBSD01

Tot Ion:168 Resp: 116277

Ion Ratio Lower Upper

168 100

99 51.6 42.0 63.0

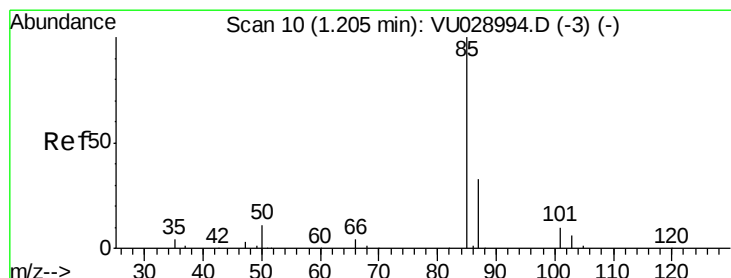
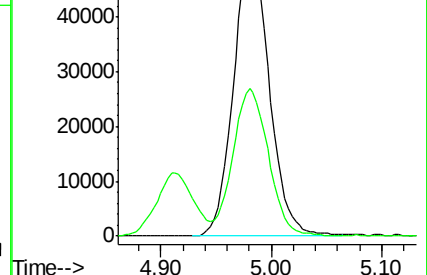
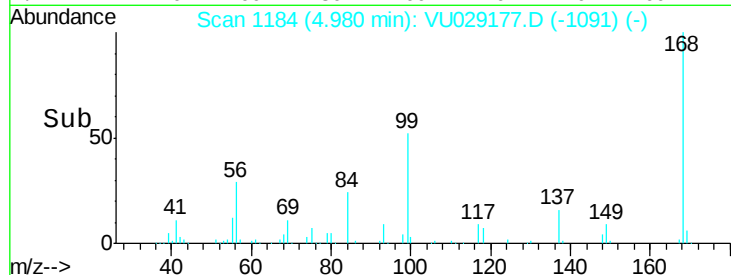


Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU029177.D (-1091) (-)

4.98

Time-->



#2

Dichlorodifluoromethane

Concen: 19.222 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU029177.D

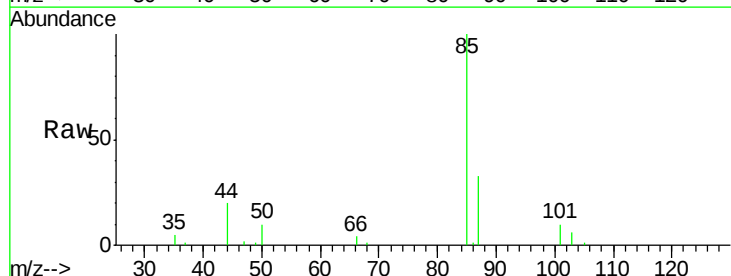
Acq: 15 Jan 2019 11:53

Tgt Ion: 85 Resp: 22165

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8

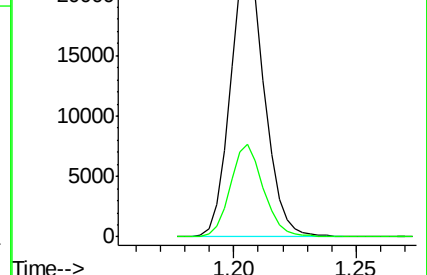
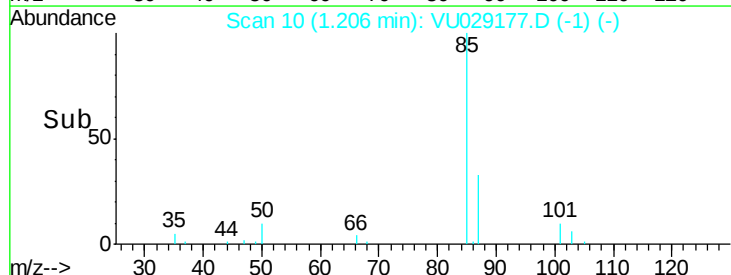


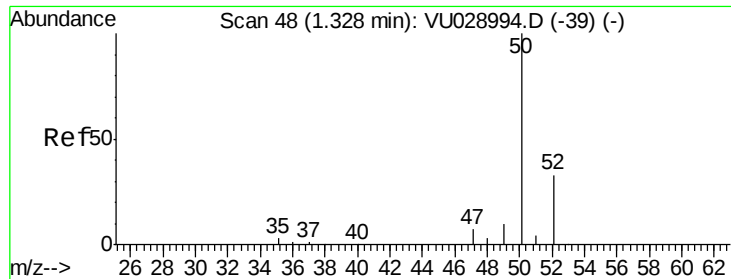
Abundance Ion 84.90 (84.60 to 85.60): VU028994.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU029177.D (-1) (-)

1.21

Time-->





#3

Chloromethane

Concen: 18.024 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

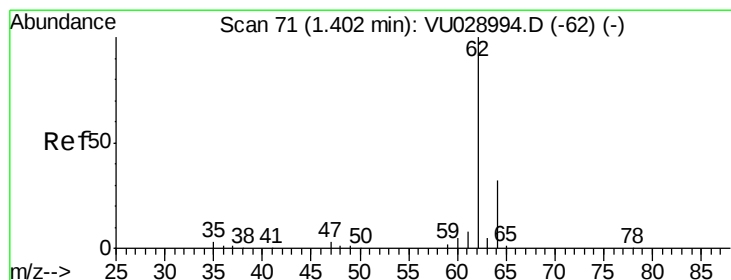
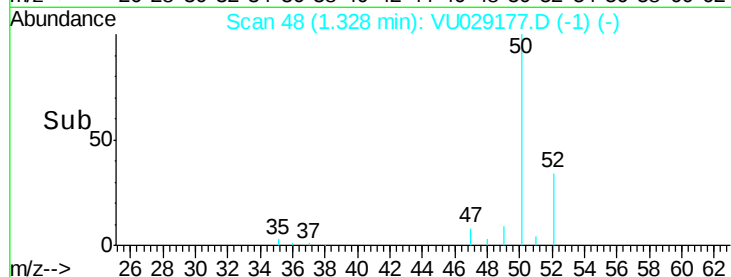
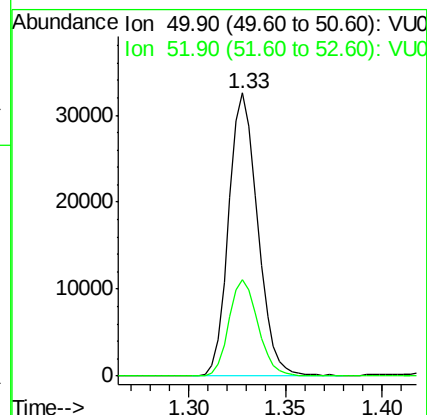
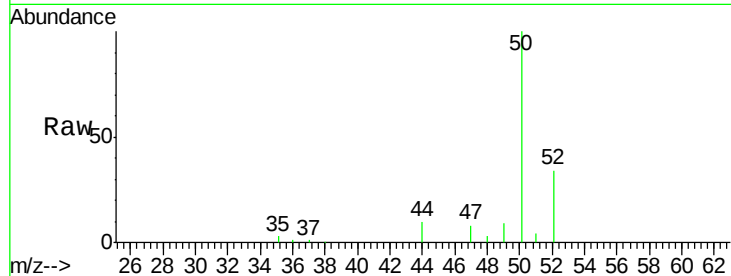
VU0115WBSD01

Tot Ion: 50 Resp: 33995

Ion Ratio Lower Upper

50 100

52 34.0 26.1 39.1



#4

Vinyl Chloride

Concen: 20.296 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU029177.D

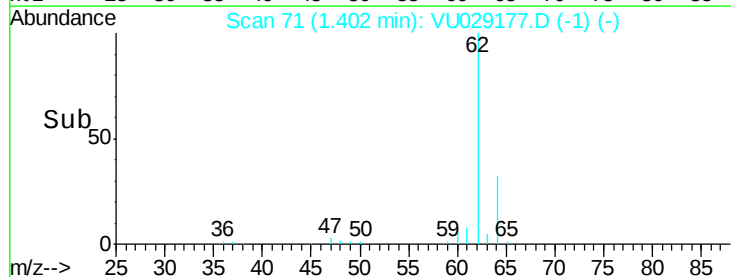
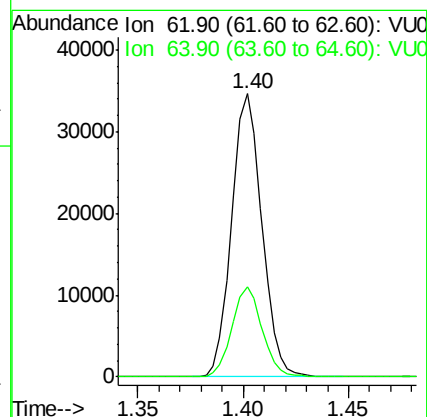
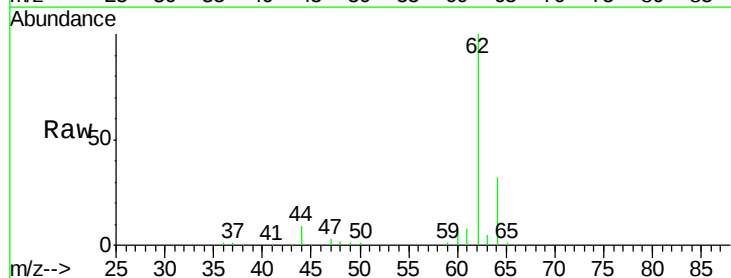
Acq: 15 Jan 2019 11:53

Tgt Ion: 62 Resp: 34489

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9

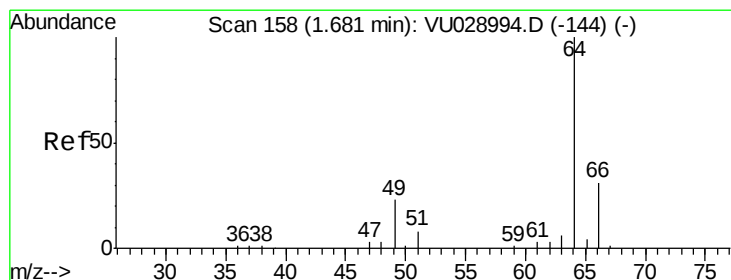
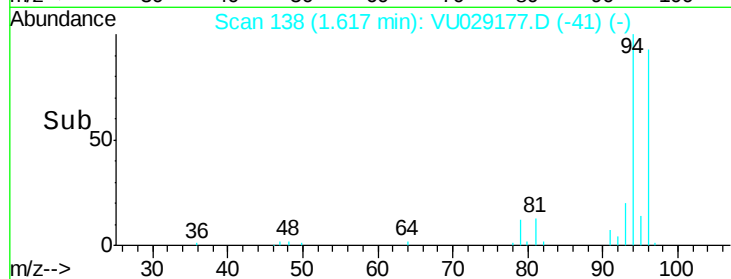
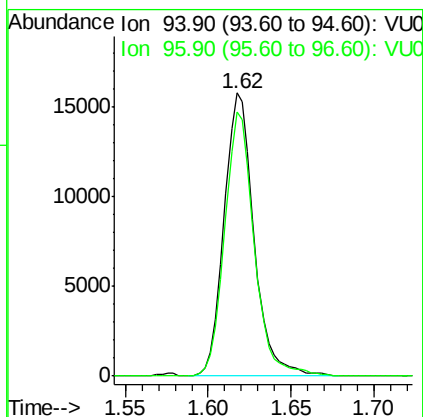
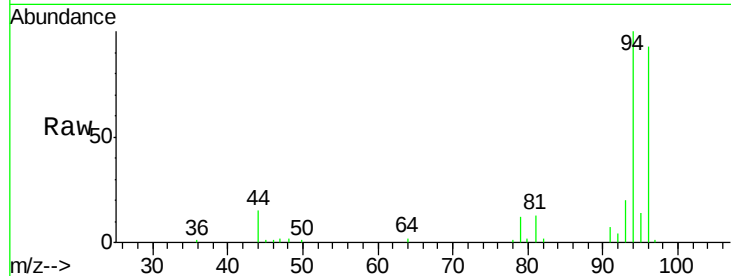




#5
 Bromomethane
 Concen: 20.910 ug/l
 RT: 1.62 min Scan# 138
 Delta R.T. 0.01 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

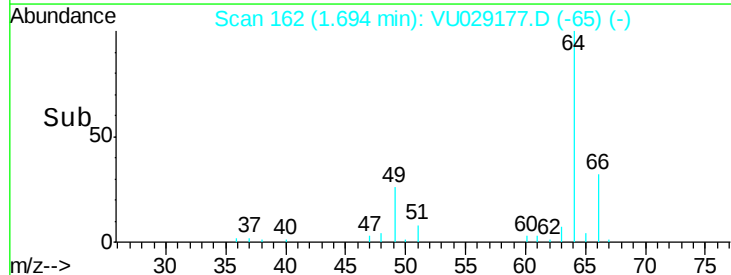
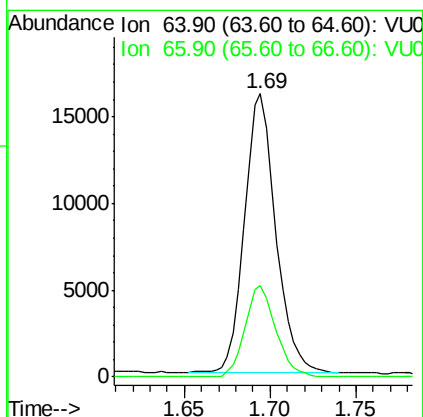
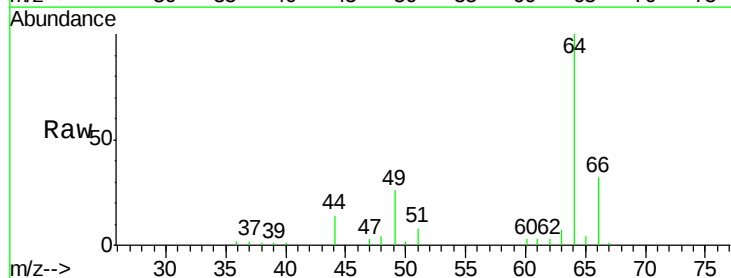
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

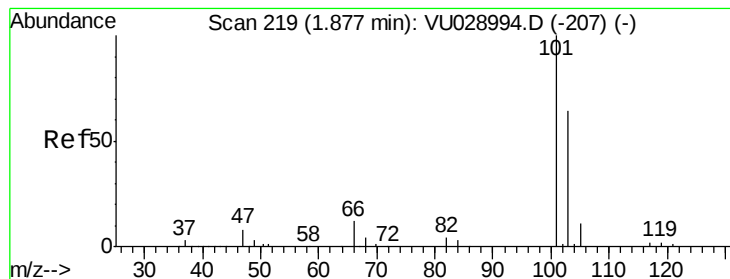
Tot Ion: 94 Resp: 19812
 Ion Ratio Lower Upper
 94 100
 96 93.4 75.5 113.3



#6
 Chloroethane
 Concen: 20.150 ug/l
 RT: 1.69 min Scan# 162
 Delta R.T. 0.01 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion: 64 Resp: 20396
 Ion Ratio Lower Upper
 64 100
 66 32.6 25.2 37.8



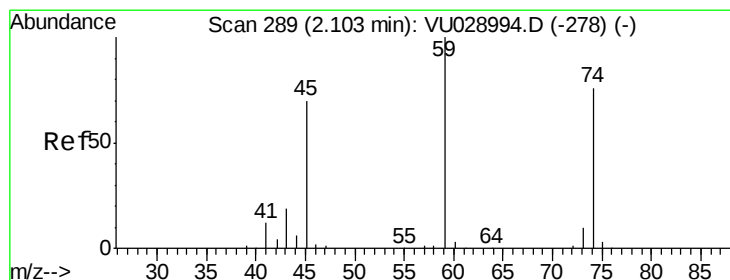
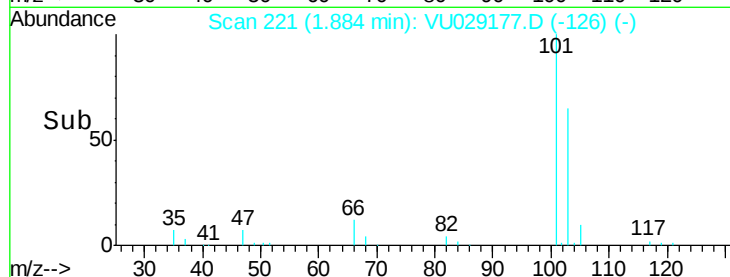
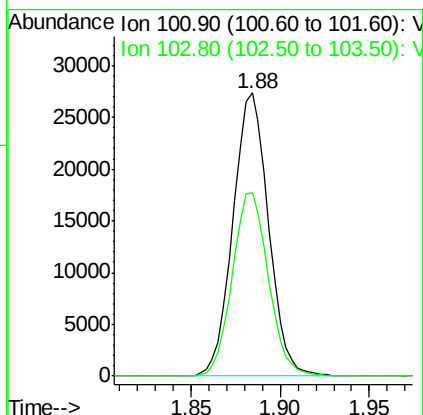
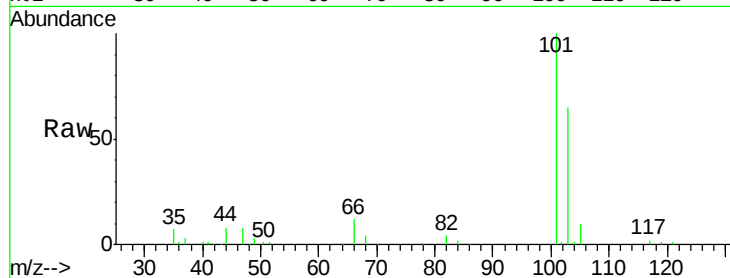


#7

Trichlorofluoromethane
 Concen: 20.425 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

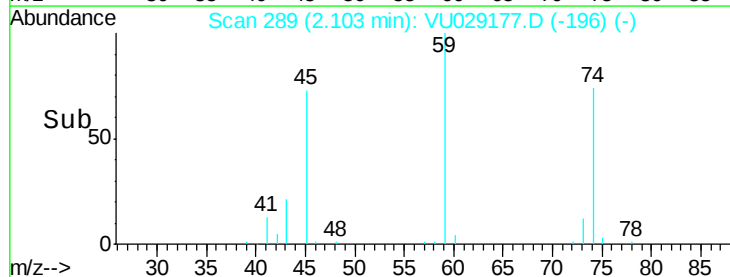
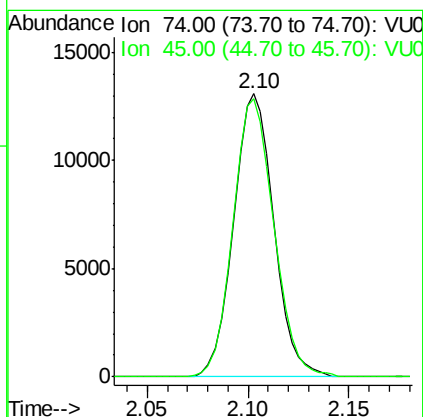
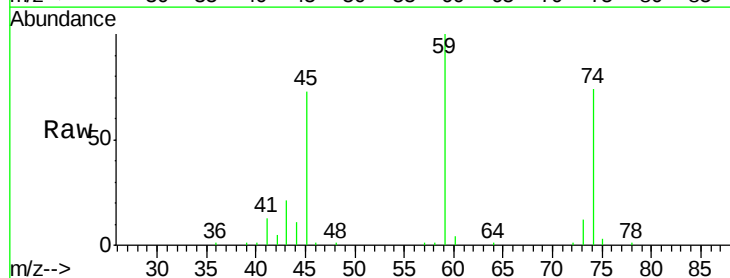
Tot Ion:101 Resp: 37820
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.5 77.3

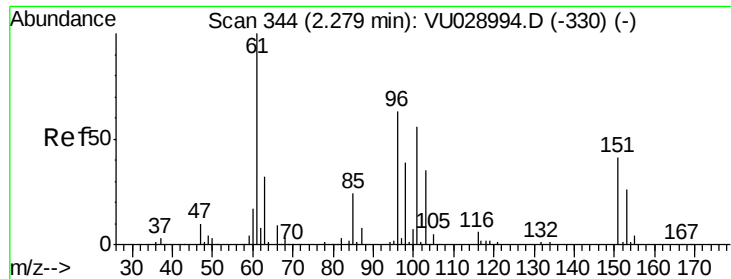


#8

Diethyl Ether
 Concen: 20.535 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion: 74 Resp: 18268
 Ion Ratio Lower Upper
 74 100
 45 100.2 46.9 140.6

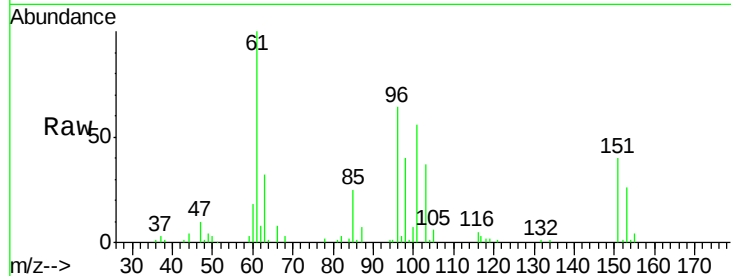




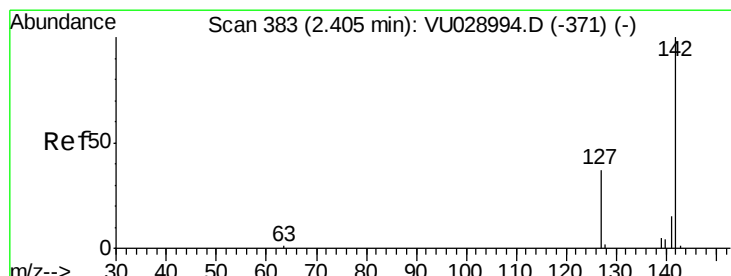
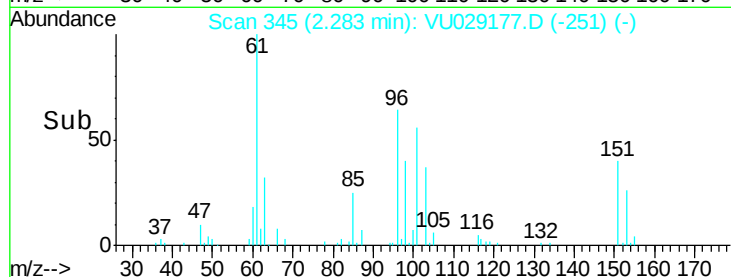
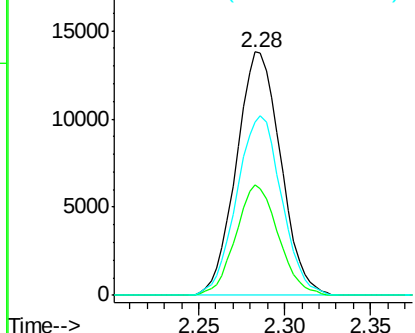
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.969 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

Tot Ion:101 Resp: 24741
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.1 52.7
 151 74.6 60.2 90.2

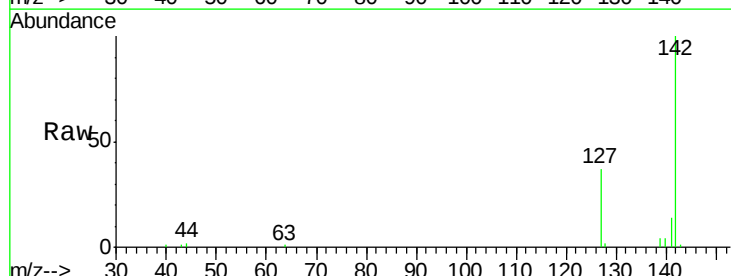


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 150.80 (150.50 to 151.50): V

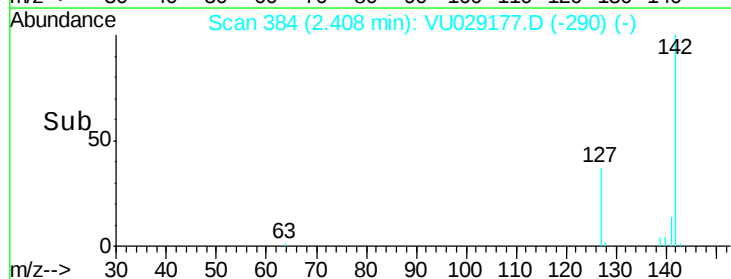
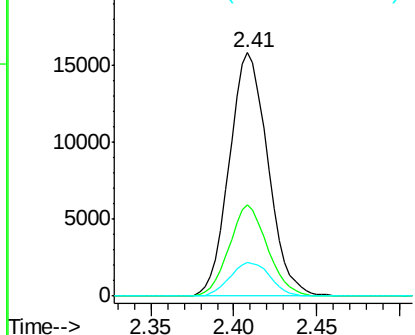


#10
 Methyl Iodide
 Concen: 21.979 ug/l
 RT: 2.41 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion:142 Resp: 25605
 Ion Ratio Lower Upper
 142 100
 127 37.2 29.8 44.6
 141 14.3 11.5 17.3



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



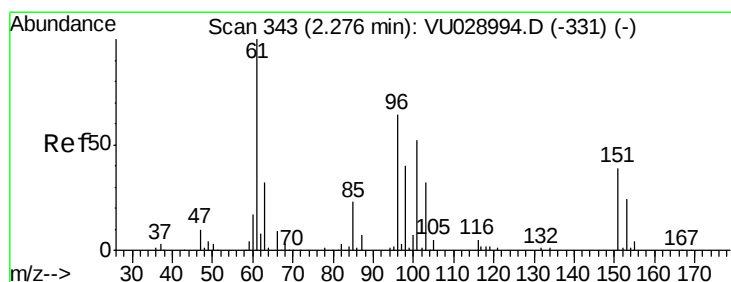
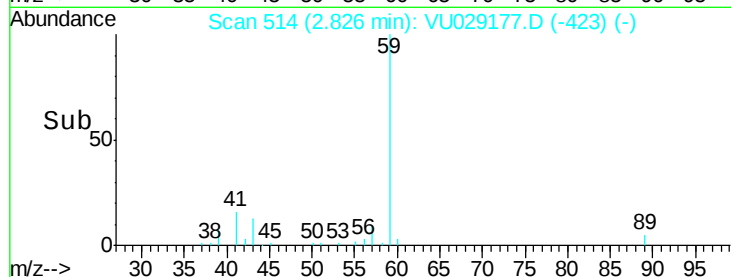
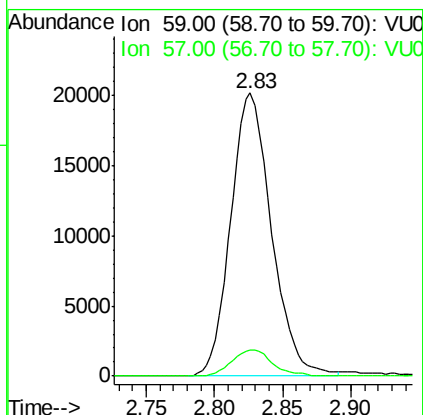
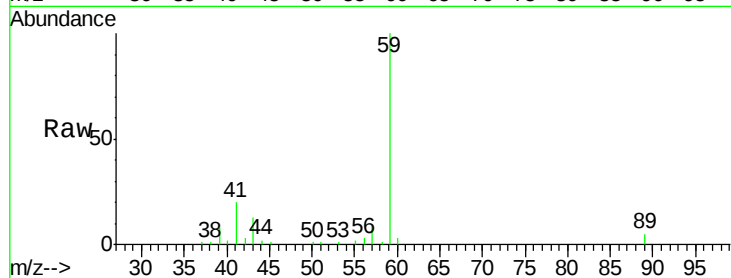


#11

Tert butyl alcohol
 Concen: 114.676 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

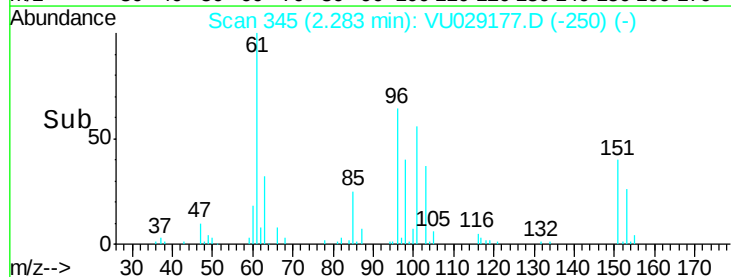
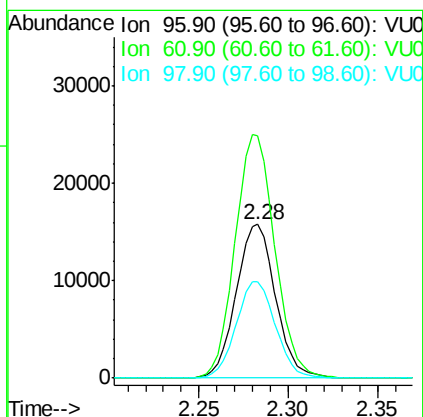
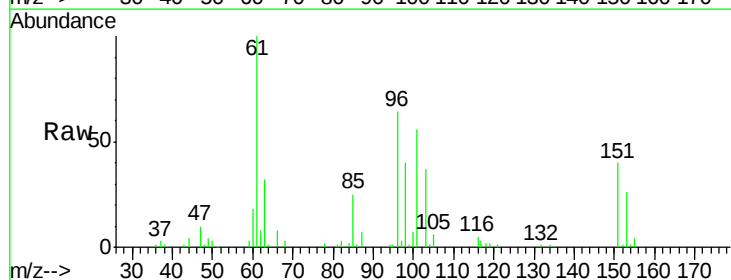
Tot Ion: 59 Resp: 41899
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.9 11.9

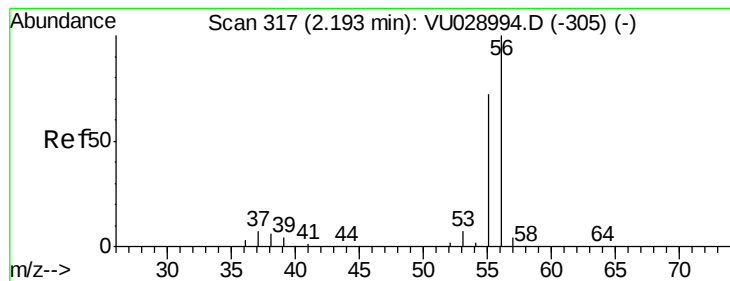


#12

1,1-Dichloroethene
 Concen: 20.152 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.01 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion: 96 Resp: 24303
 Ion Ratio Lower Upper
 96 100
 61 157.1 125.4 188.0
 98 62.3 49.7 74.5





#13

Acrolein

Concen: 92.479 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

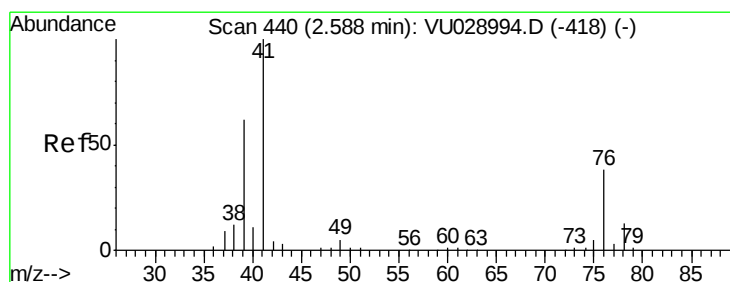
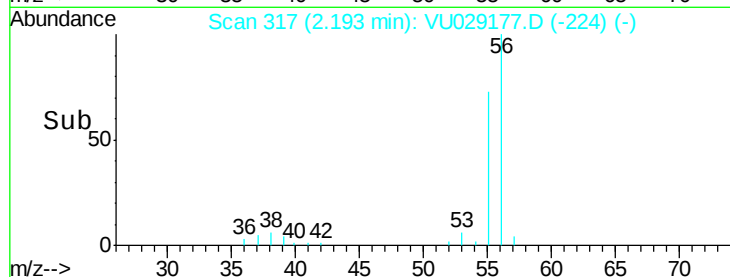
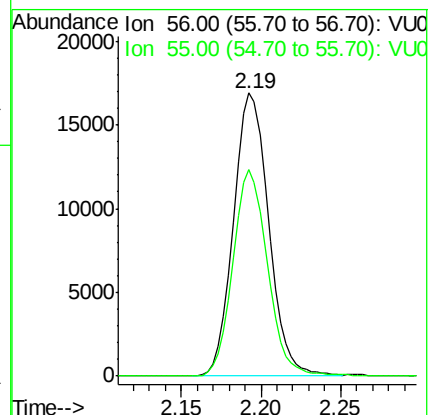
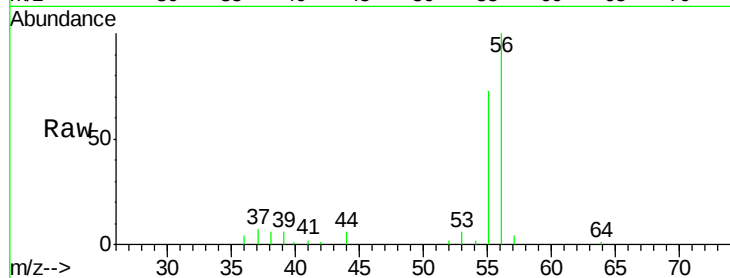
VU0115WBSD01

Tot Ion: 56 Resp: 25372

Ion Ratio Lower Upper

56 100

55 71.5 56.5 84.7



#14

Allyl chloride

Concen: 19.028 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

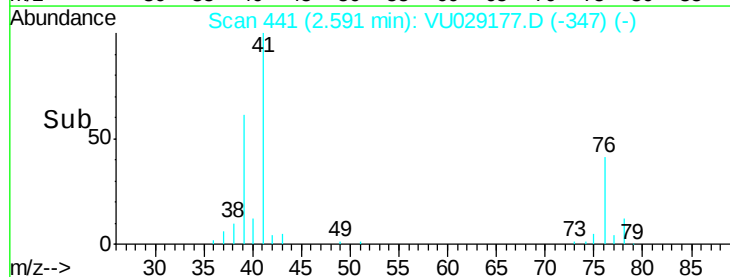
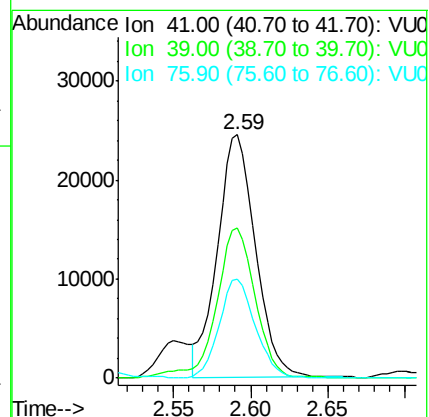
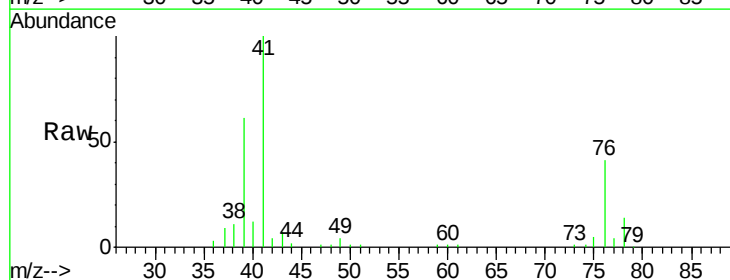
Tgt Ion: 41 Resp: 42103

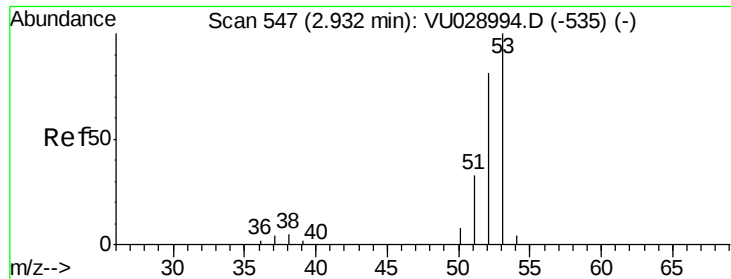
Ion Ratio Lower Upper

41 100

39 63.0 45.0 67.6

76 38.5 28.1 42.1





#15

Acrylonitrile

Concen: 111.326 ug/l

RT: 2.93 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0115WBSD01

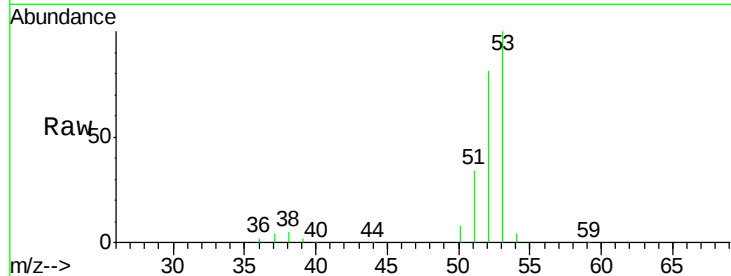
Tot Ion: 53 Resp: 99790

Ion Ratio Lower Upper

53 100

52 82.6 64.8 97.2

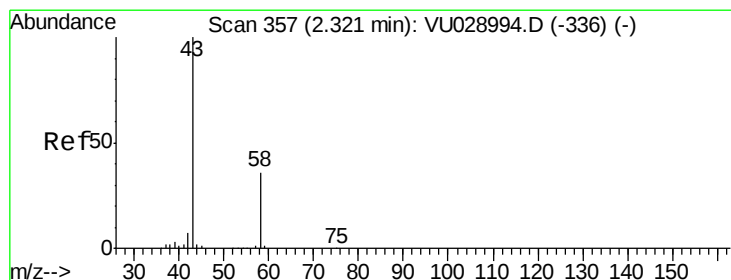
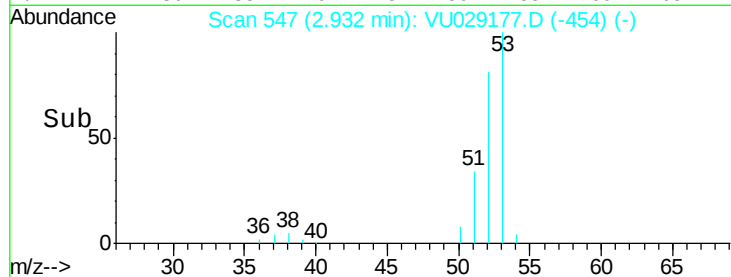
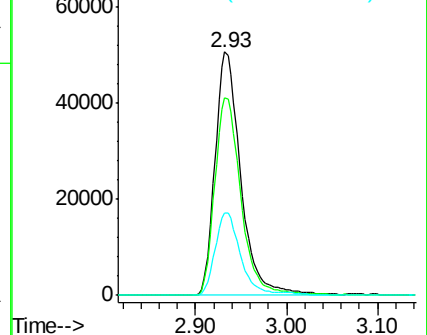
51 34.2 27.3 40.9



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 97.501 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU029177.D

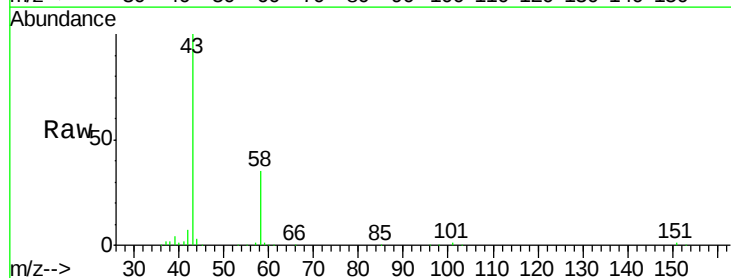
Acq: 15 Jan 2019 11:53

Tgt Ion: 43 Resp: 88288

Ion Ratio Lower Upper

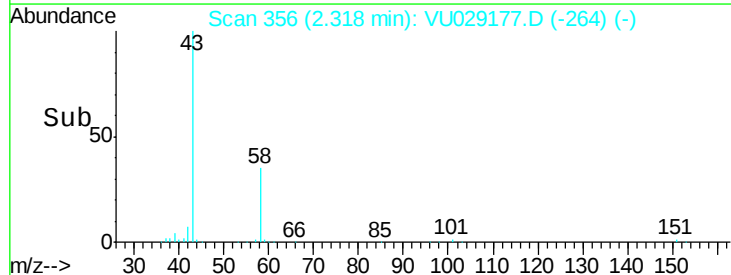
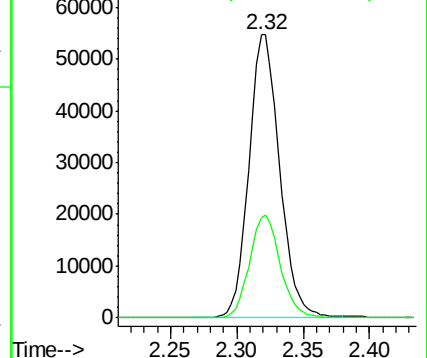
43 100

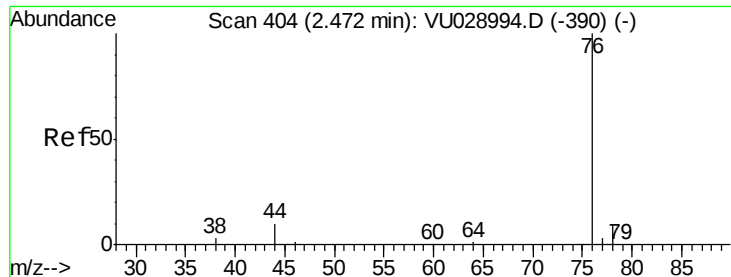
58 35.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 18.283 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

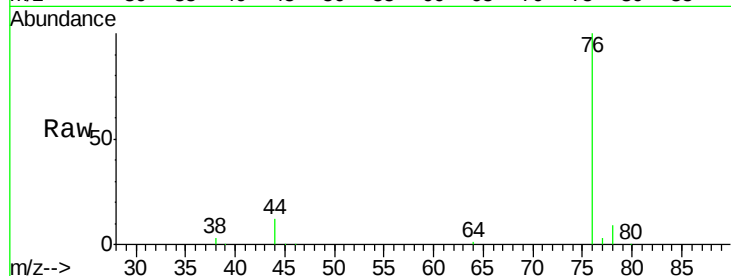
VU0115WBSD01

Tot Ion: 76 Resp: 74424

Ion Ratio Lower Upper

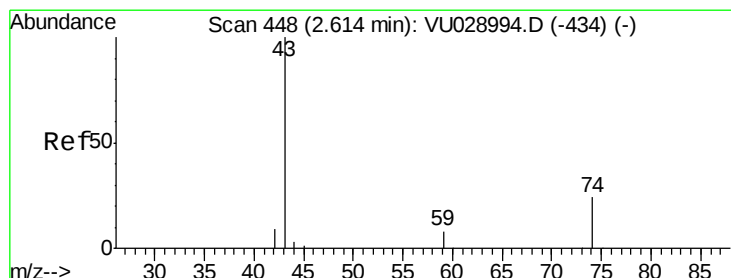
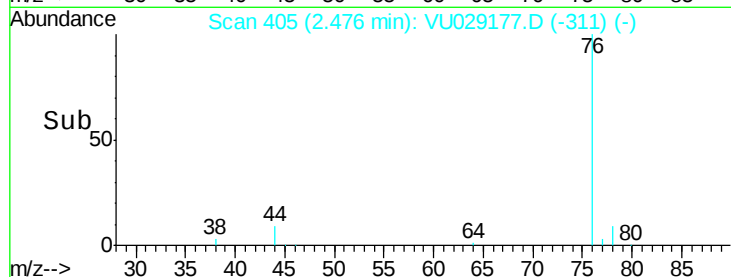
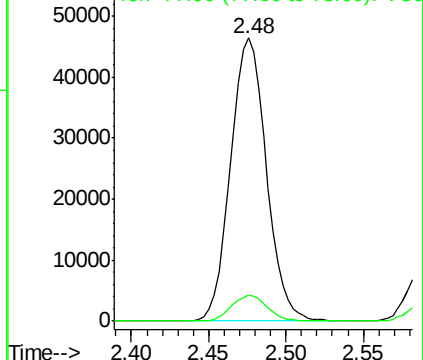
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 23.506 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU029177.D

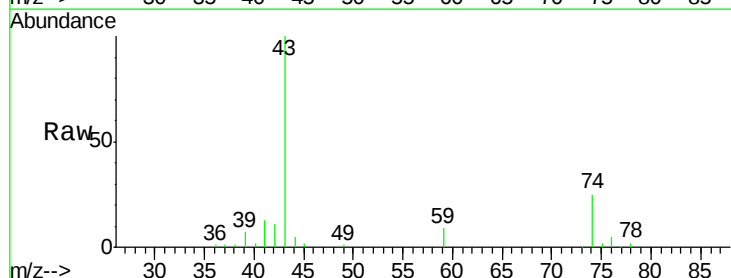
Acq: 15 Jan 2019 11:53

Tgt Ion: 43 Resp: 49491

Ion Ratio Lower Upper

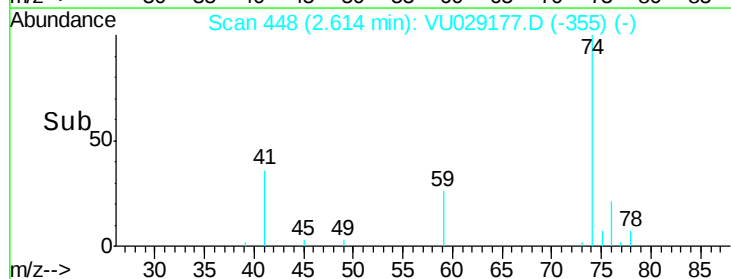
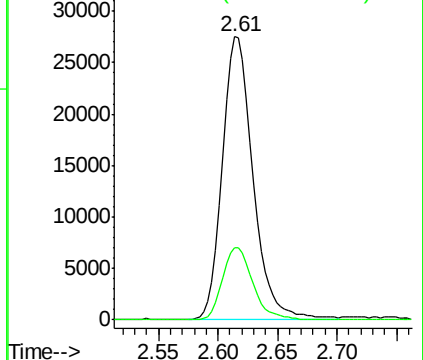
43 100

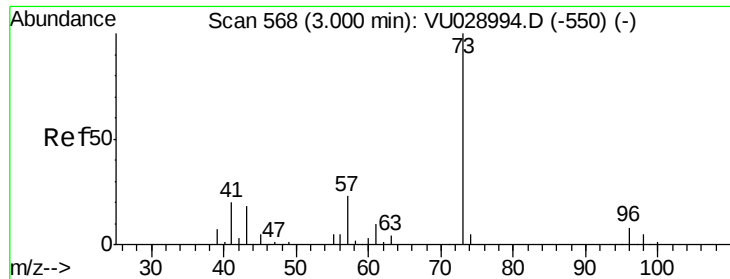
74 25.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



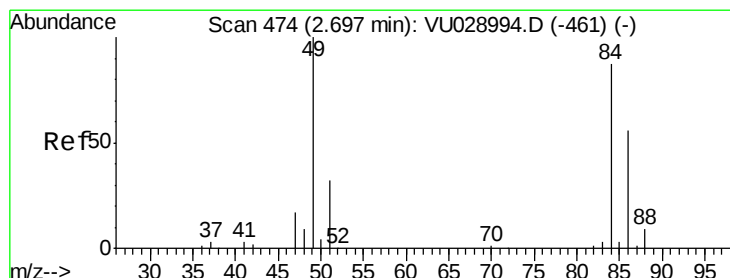
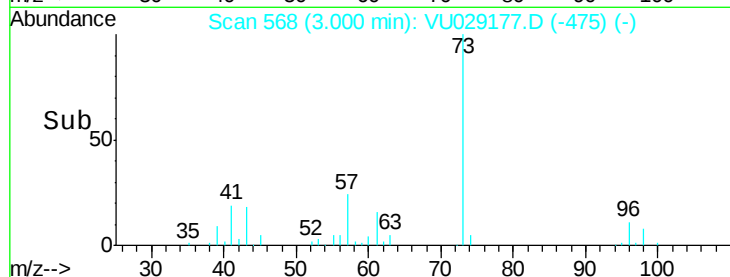
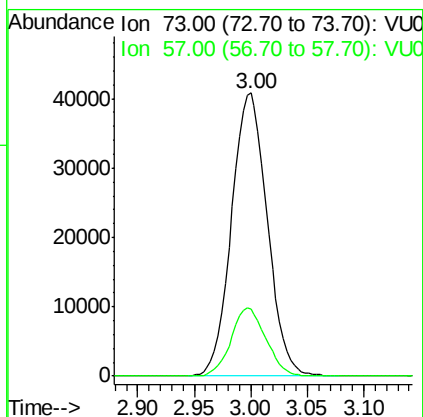
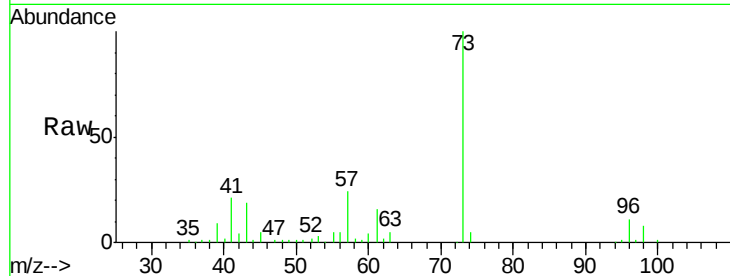


#19

Methyl tert-butyl Ether
 Concen: 21.139 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

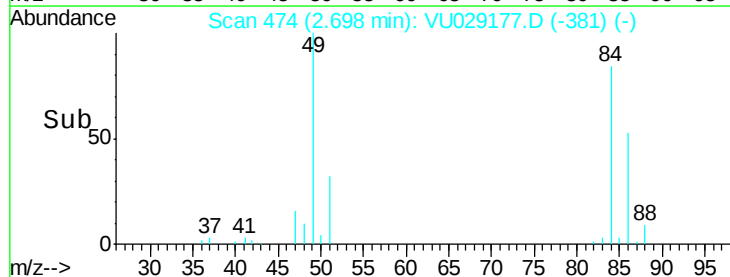
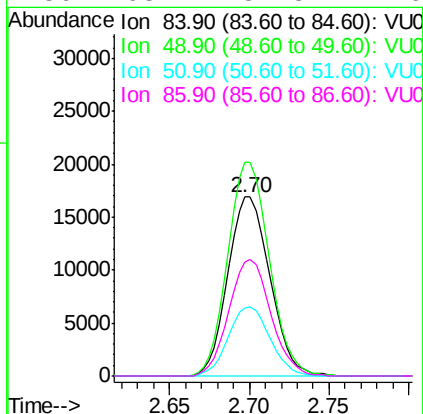
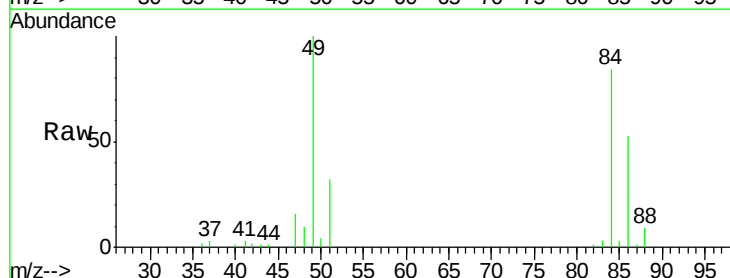
Tot Ion: 73 Resp: 89627
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.6 28.0

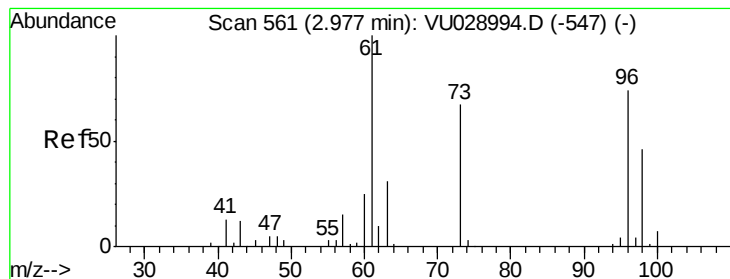


#20

Methylene Chloride
 Concen: 19.728 ug/l
 RT: 2.70 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion: 84 Resp: 30330
 Ion Ratio Lower Upper
 84 100
 49 119.4 91.9 137.9
 51 38.1 29.2 43.8
 86 63.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.883 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0115WBSD01

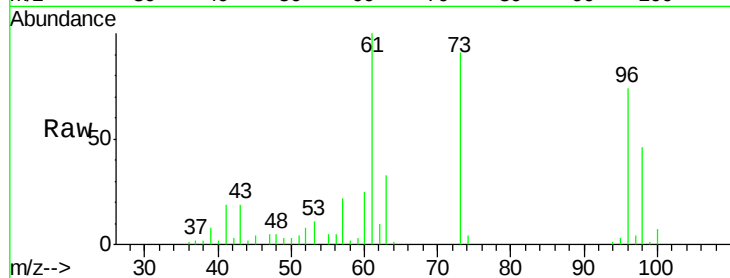
Tot Ion: 96 Resp: 27858

Ion Ratio Lower Upper

96 100

61 135.0 107.7 161.5

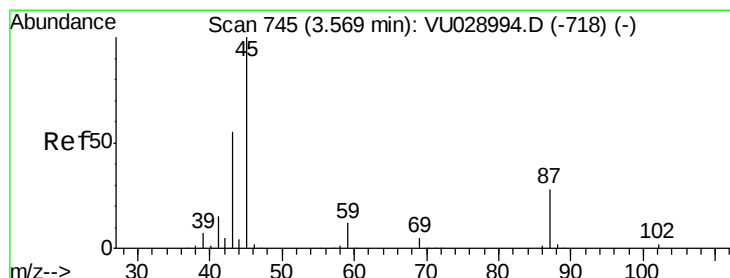
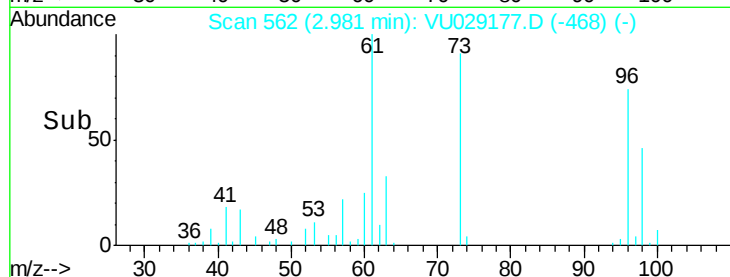
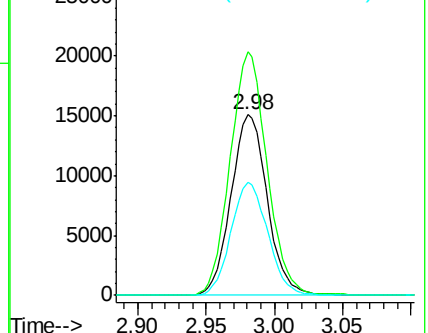
98 62.6 49.2 73.8



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: 21.802 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Tgt Ion: 45 Resp: 95346

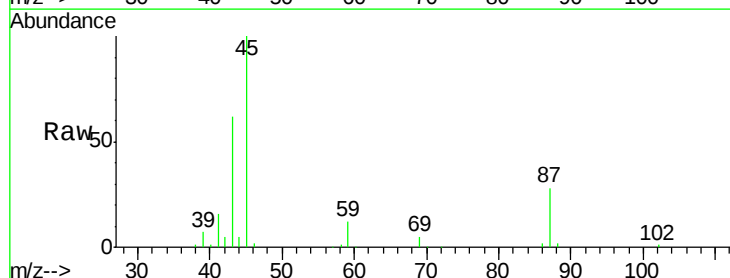
Ion Ratio Lower Upper

45 100

43 61.1 44.7 67.1

87 27.8 22.2 33.2

59 11.5 9.8 14.8

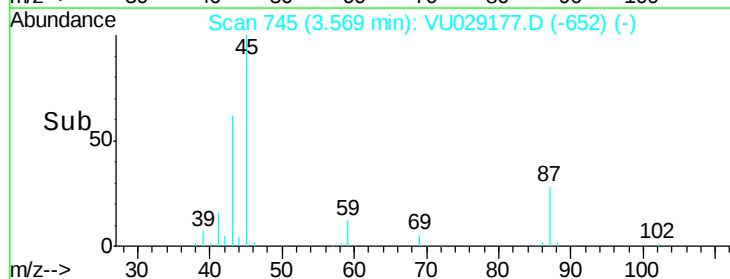
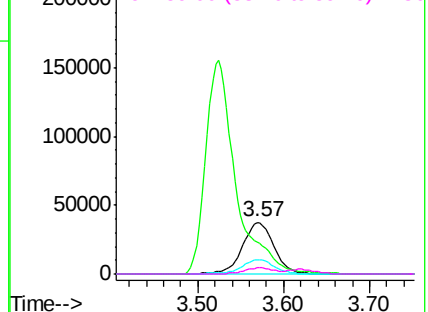


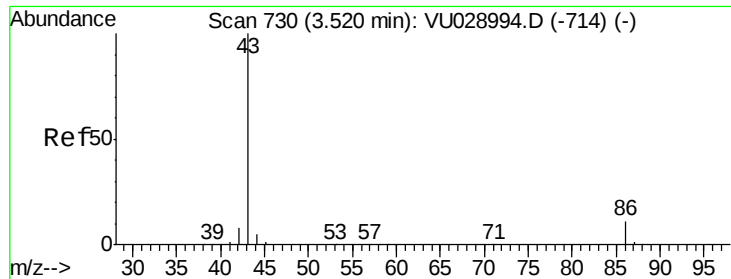
Abundance Ion 45.00 (44.70 to 45.70): VU0

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: 106.840 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

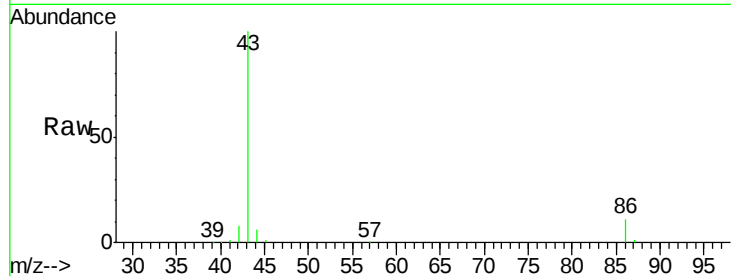
VU0115WBSD01

Tot Ion: 43 Resp: 381965

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-714) (-)

Ion 86.00 (85.70 to 86.70): VU028994.D (-714) (-)

3.52

150000

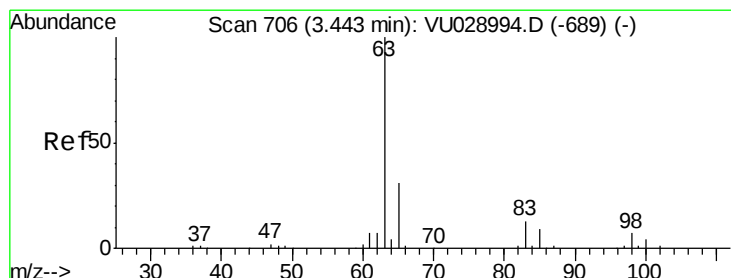
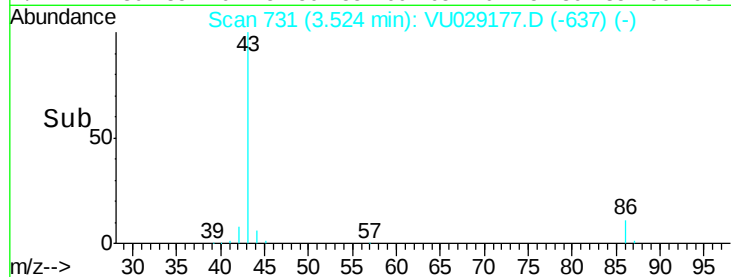
100000

50000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 21.326 ug/l

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

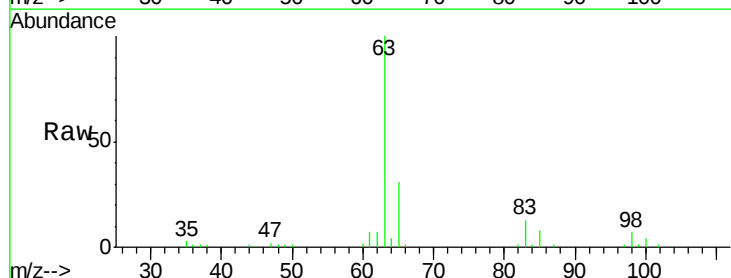
Tgt Ion: 63 Resp: 53839

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU028994.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VU028994.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VU028994.D (-689) (-)

3.44

30000

25000

20000

15000

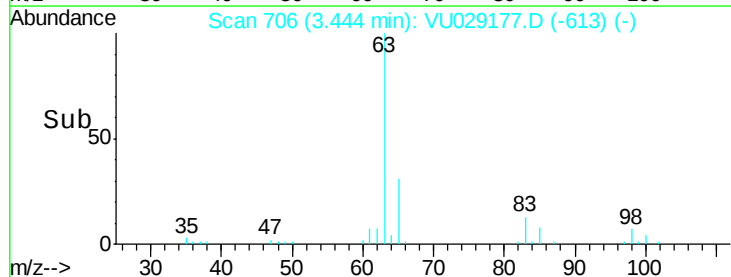
10000

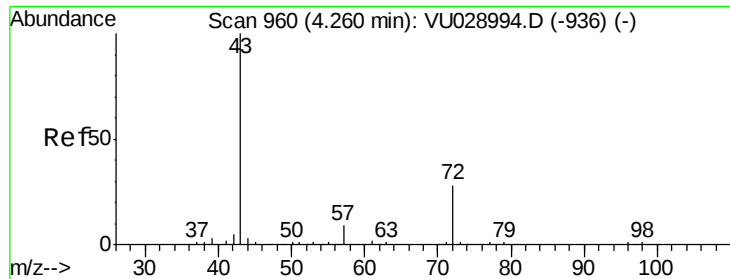
5000

0

3.35 3.40 3.45 3.50 3.55

Time-->





#25

2-Butanone

Concen: 111.338 ug/l

RT: 4.26 min Scan# 960

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

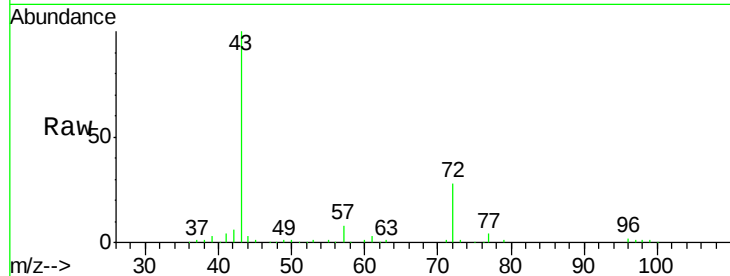
VU0115WBSD01

Tot Ion: 43 Resp: 136170

Ion Ratio Lower Upper

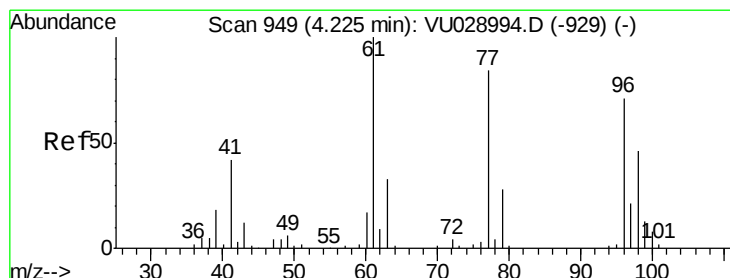
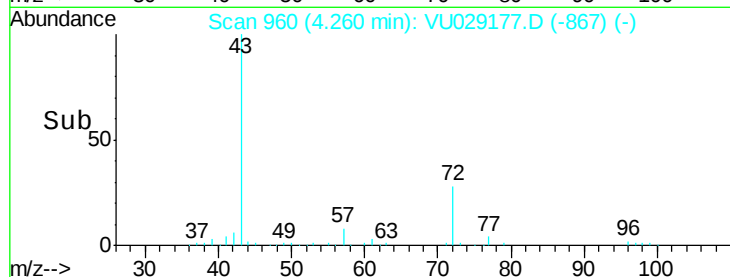
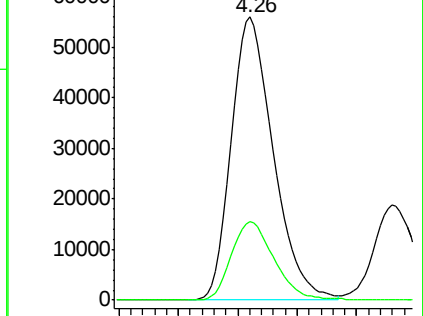
43 100

72 27.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 21.197 ug/l

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU029177.D

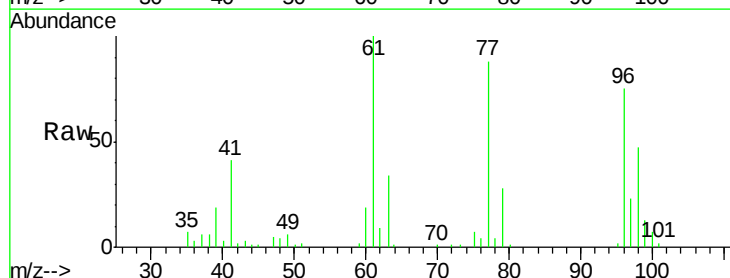
Acq: 15 Jan 2019 11:53

Tgt Ion: 77 Resp: 43240

Ion Ratio Lower Upper

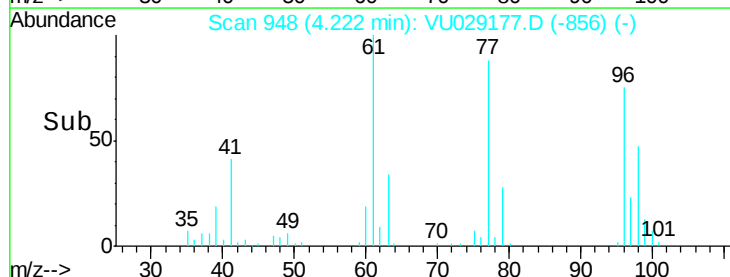
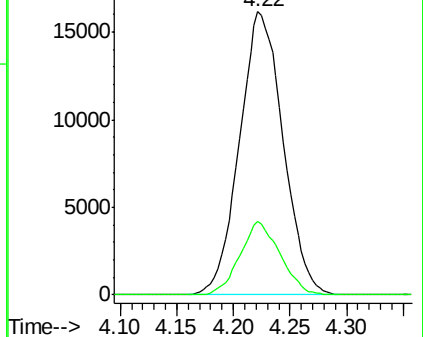
77 100

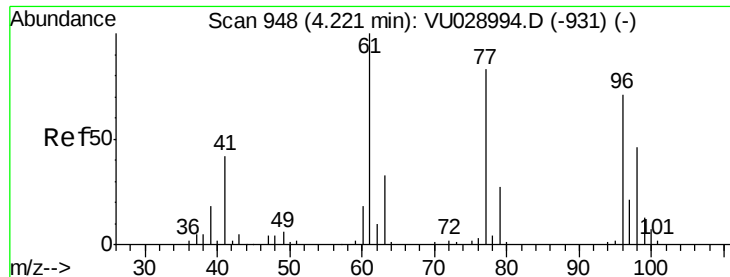
97 23.9 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



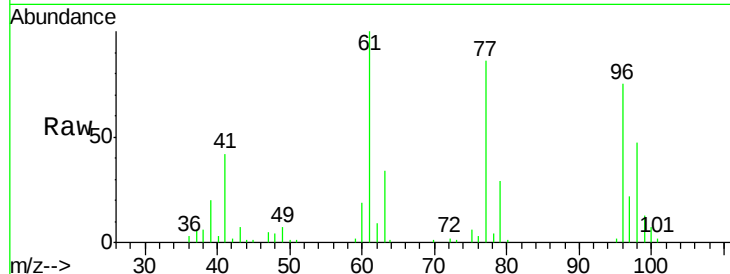


#27

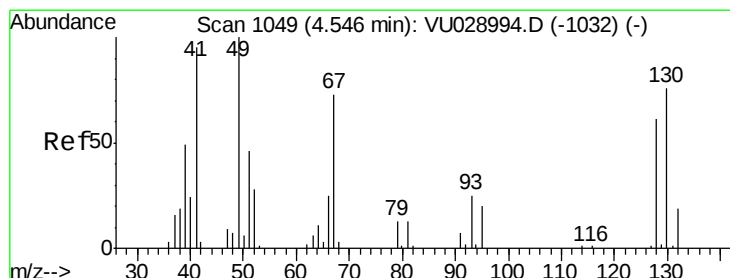
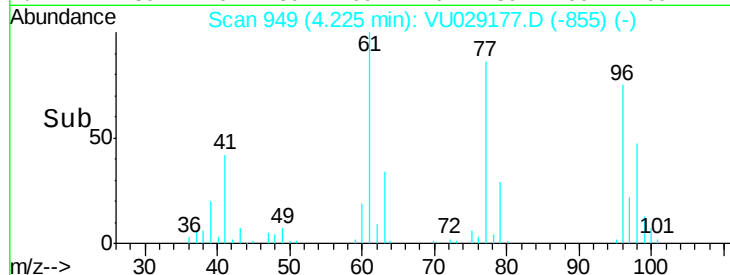
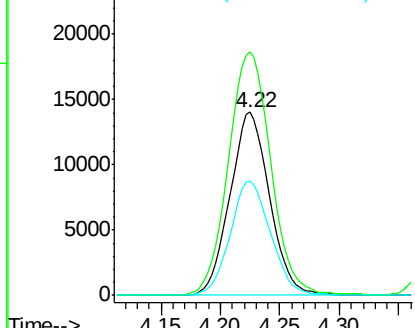
cis-1,2-Dichloroethene
Concen: 21.082 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Instrument :
MSVOA_U
ClientSampled :
VU0115WBSD01

Tot Ion: 96 Resp: 32307
Ion Ratio Lower Upper
96 100
61 143.2 0.0 285.6
98 63.5 0.0 130.2



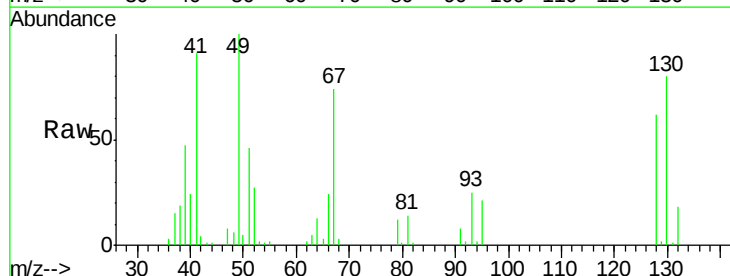
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



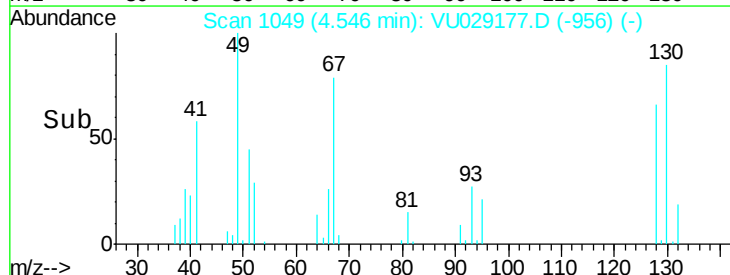
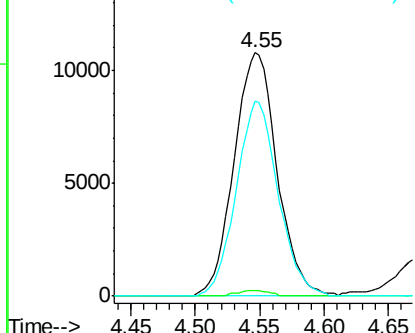
#28

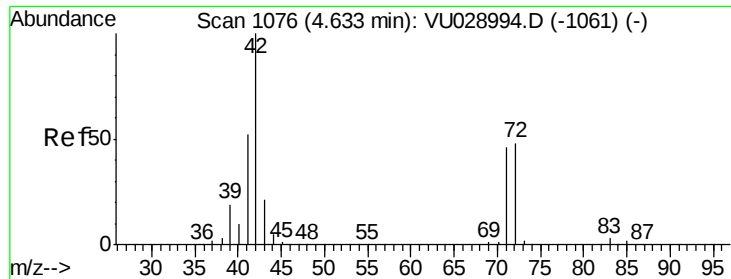
Bromochloromethane
Concen: 23.164 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion: 49 Resp: 25040
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.4
130 78.0 62.9 94.3



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

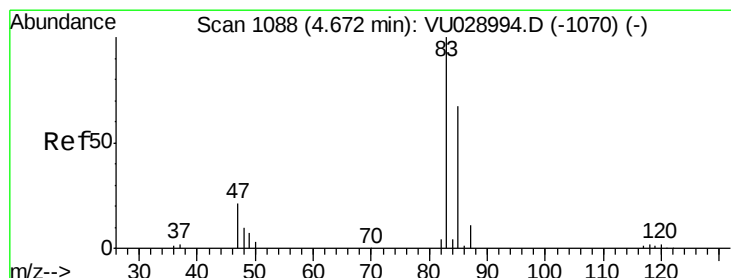
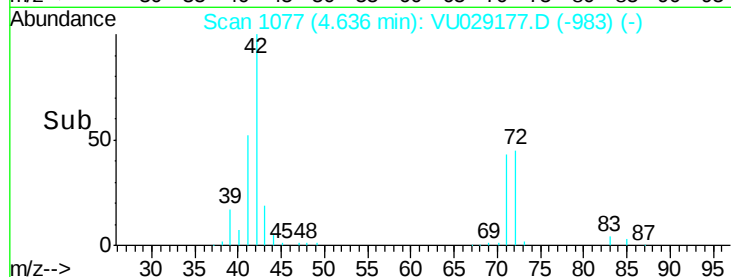
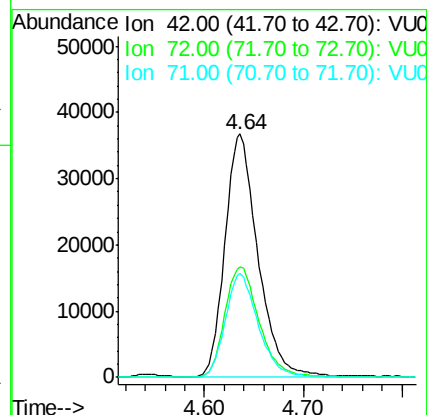
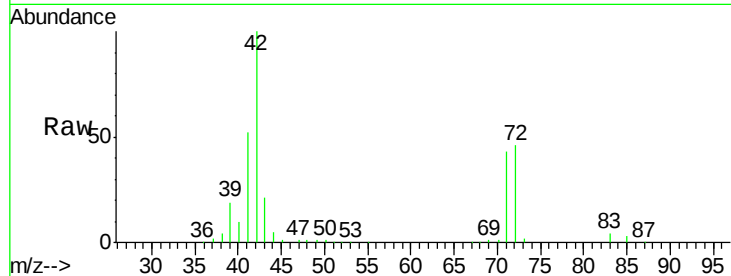




#29
Tetrahydrofuran
Concen: 116.484 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

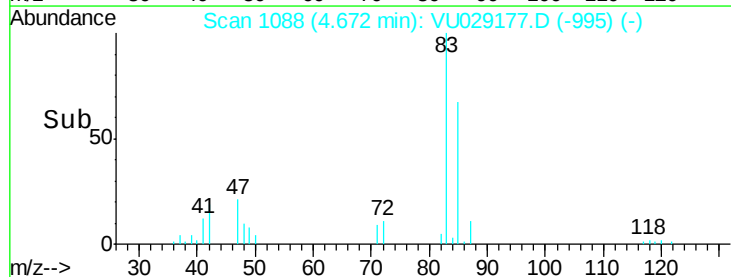
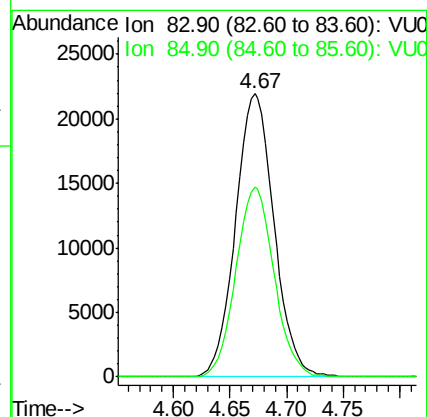
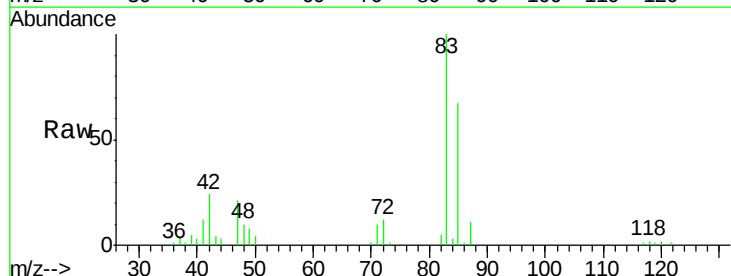
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

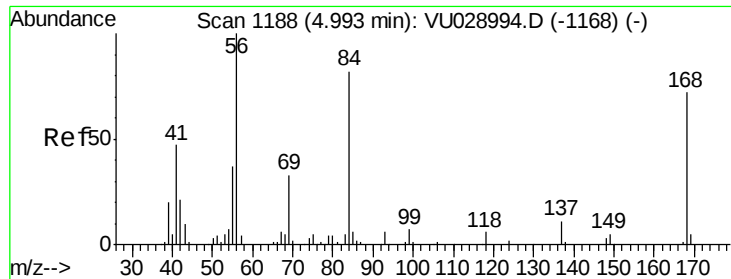
Tot Ion: 42 Resp: 86406
Ion Ratio Lower Upper
42 100
72 47.0 38.3 57.5
71 42.6 36.1 54.1



#30
Chloroform
Concen: 21.614 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion: 83 Resp: 51971
Ion Ratio Lower Upper
83 100
85 67.0 53.4 80.0





#31

Cyclohexane

Concen: 20.406 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

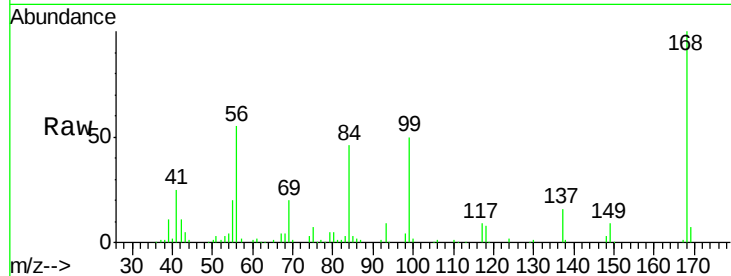
Tot Ion: 56 Resp: 50214

Ion Ratio Lower Upper

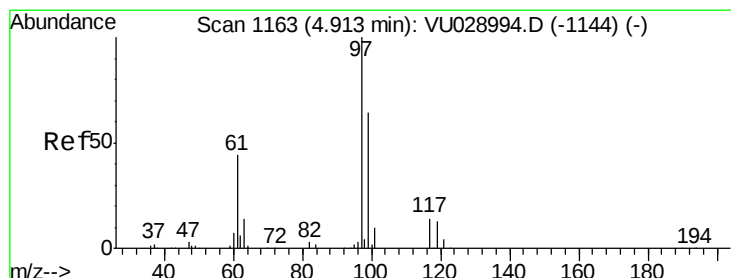
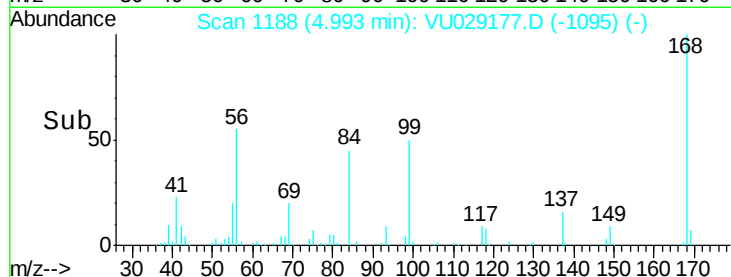
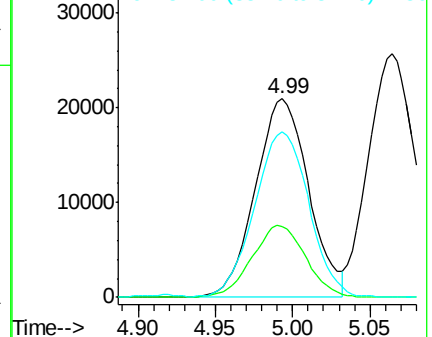
56 100

69 35.8 26.7 40.1

84 82.8 65.7 98.5



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 21.455 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

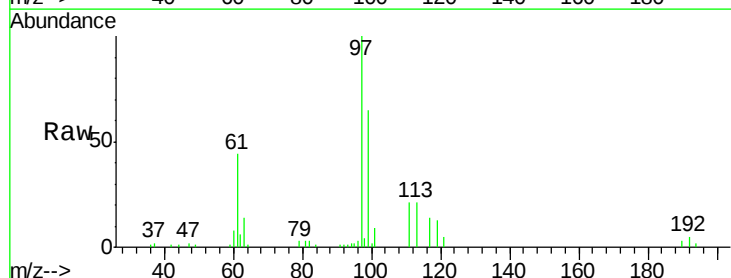
Tgt Ion: 97 Resp: 42627

Ion Ratio Lower Upper

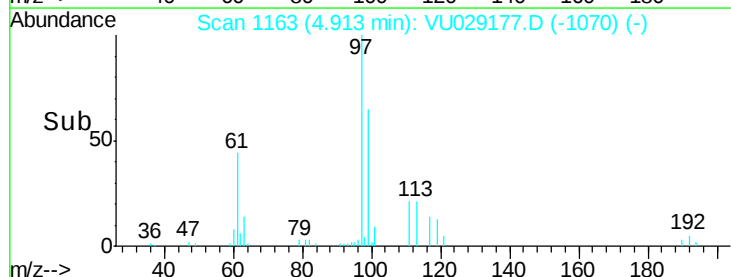
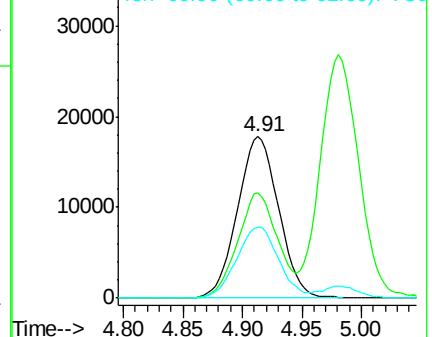
97 100

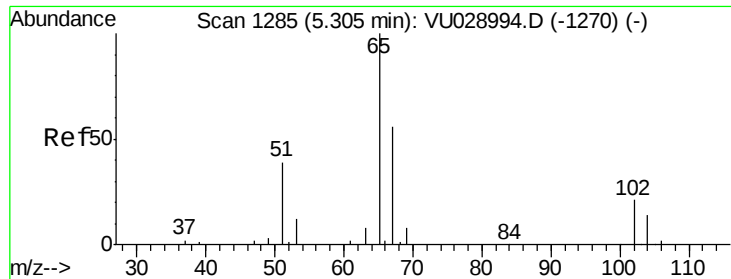
99 63.4 51.0 76.4

61 44.8 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

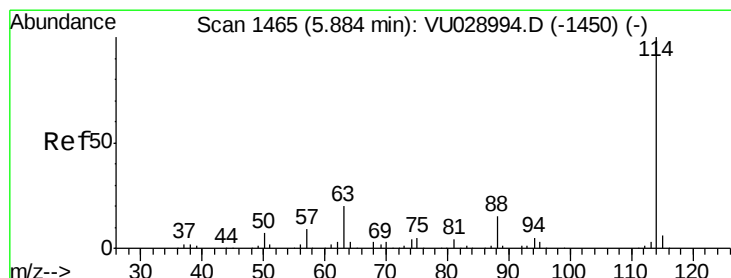
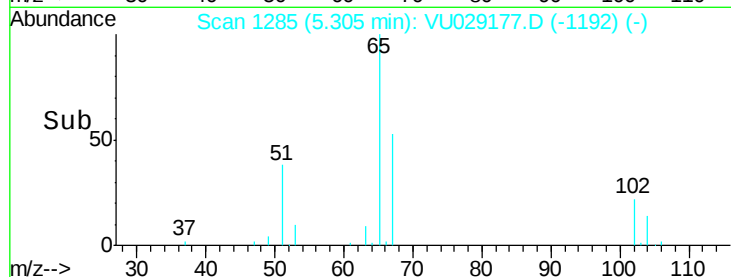
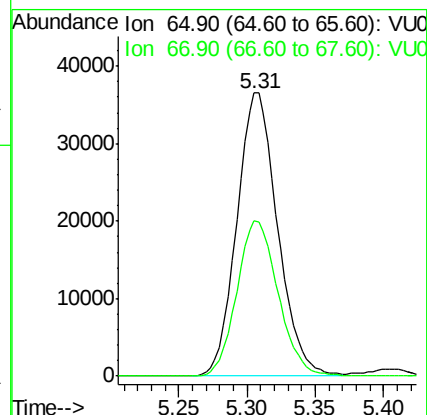
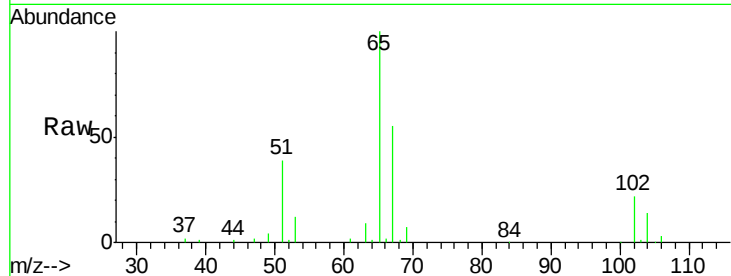




#33
 1,2-Dichloroethane-d4
 Concen: 52.819 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

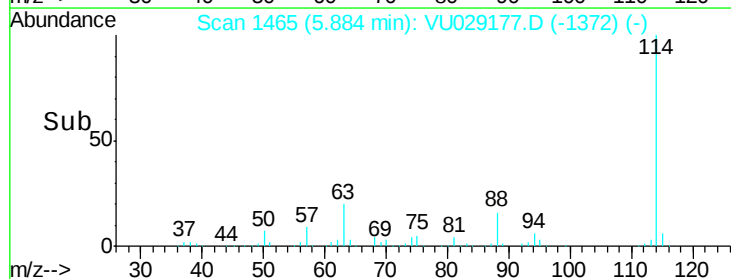
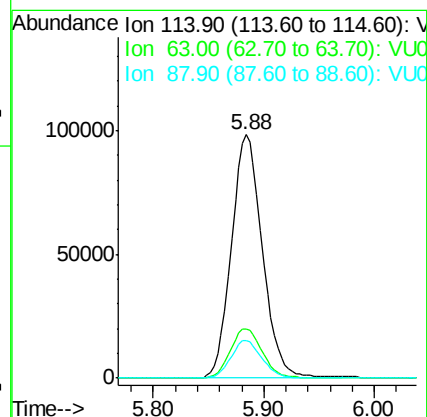
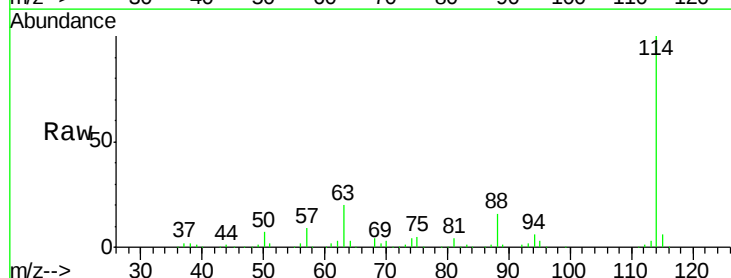
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

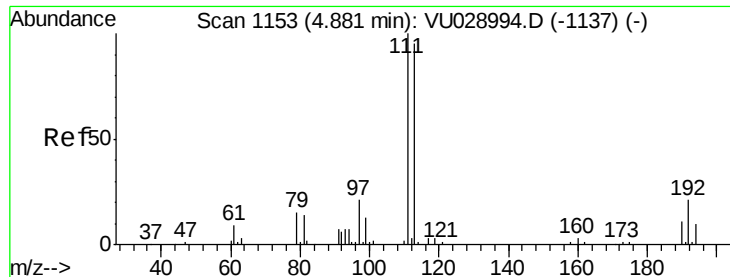
Tot Ion: 65 Resp: 75923
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion: 114 Resp: 191545
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.2
 88 15.6 0.0 30.4

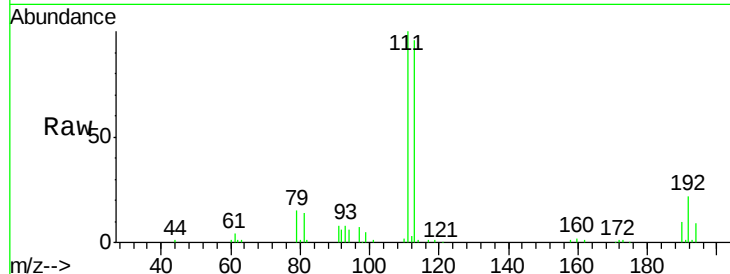




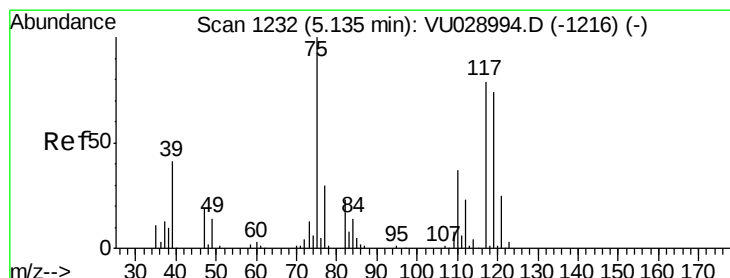
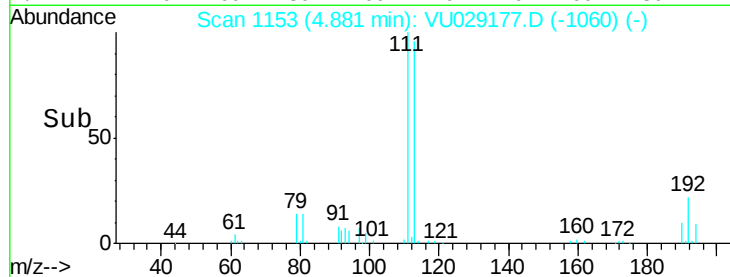
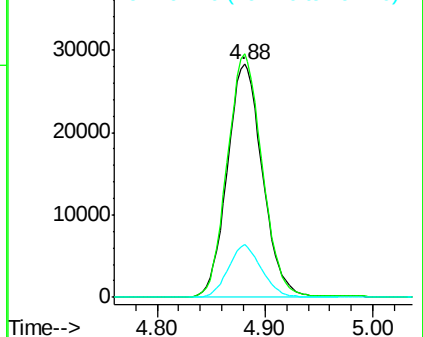
#35
 Dibromofluoromethane
 Concen: 51.933 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

Tot Ion:113 Resp: 64483
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.2
 192 21.3 16.8 25.2

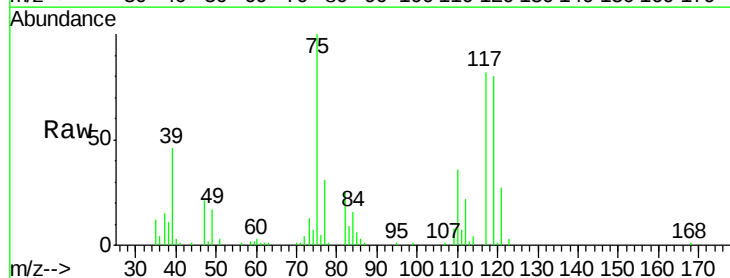


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

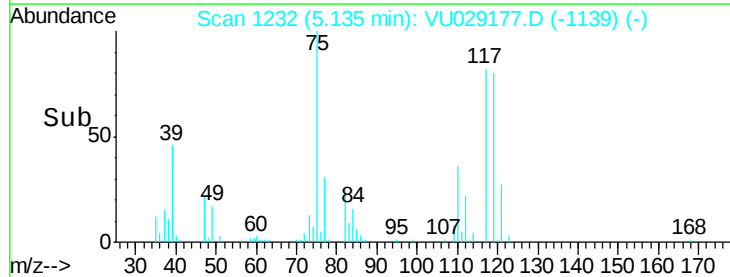
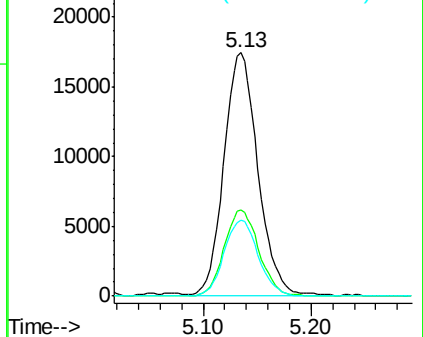


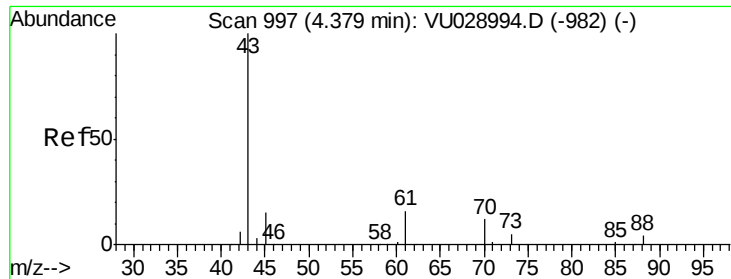
#36
 1,1-Dichloropropene
 Concen: 20.085 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion: 75 Resp: 38454
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.4 55.4
 77 31.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 22.280 ug/l

RT: 4.38 min Scan# 997

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampled :

VU0115WBSD01

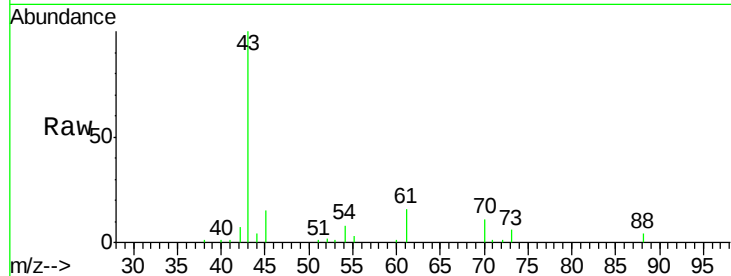
Tot Ion: 43 Resp: 46823

Ion Ratio Lower Upper

43 100

61 15.4 12.6 18.8

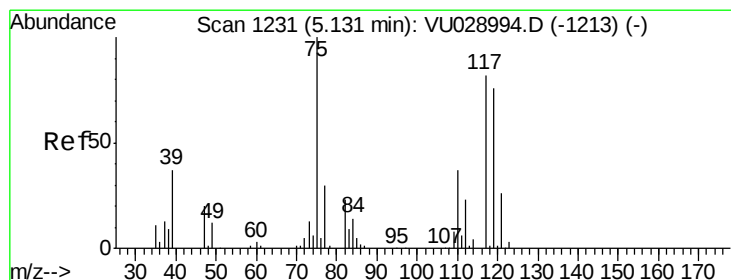
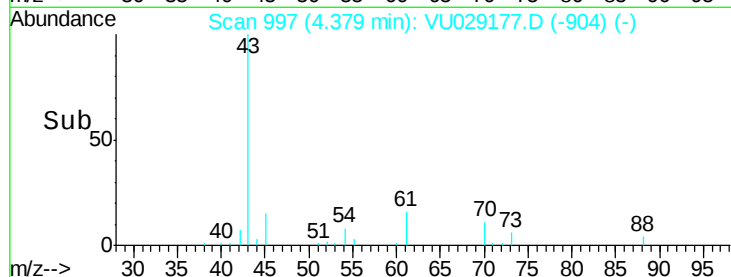
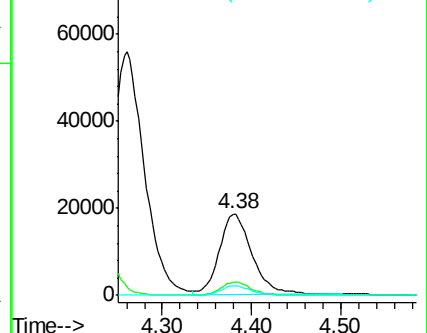
70 10.9 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-982) (-)

Ion 60.90 (60.60 to 61.60): VU028994.D (-982) (-)

Ion 70.00 (69.70 to 70.70): VU028994.D (-982) (-)



#38

Carbon Tetrachloride

Concen: 20.530 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

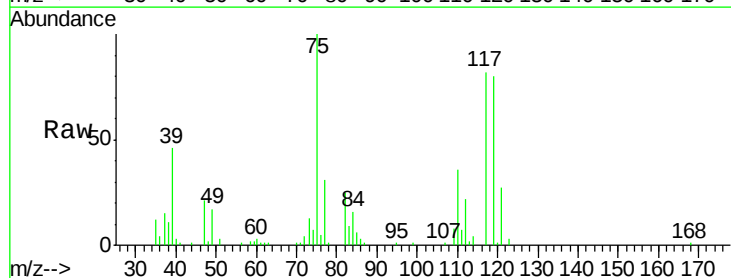
Tgt Ion: 117 Resp: 32784

Ion Ratio Lower Upper

117 100

119 98.5 74.6 111.8

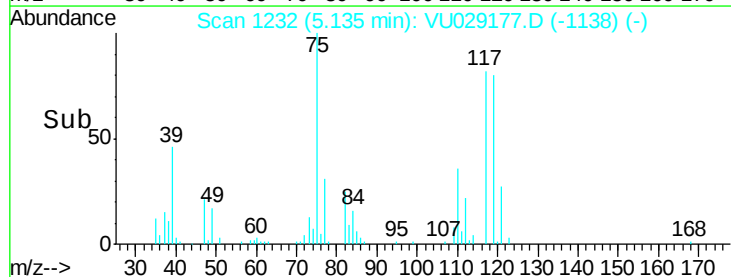
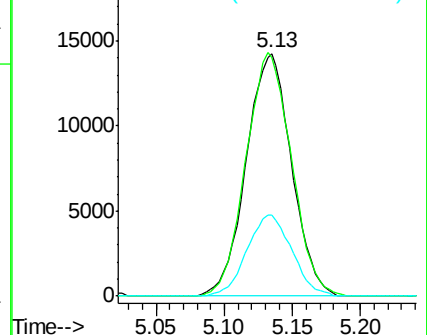
121 33.4 25.0 37.6

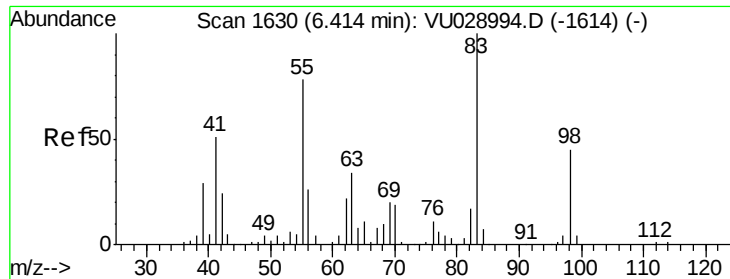


Abundance Ion 116.80 (116.50 to 117.50): VU028994.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU028994.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU028994.D (-1213) (-)

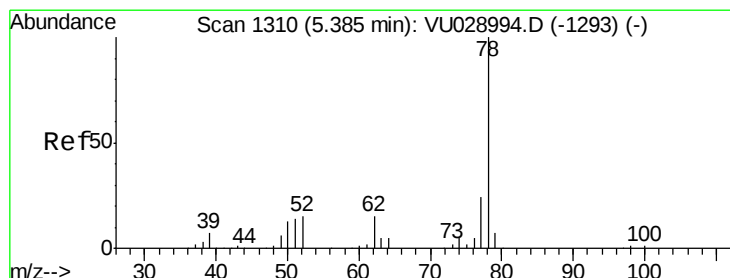
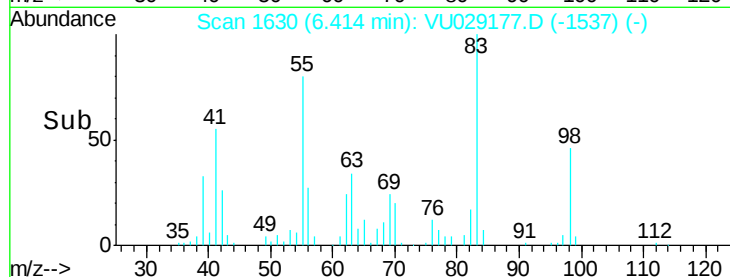
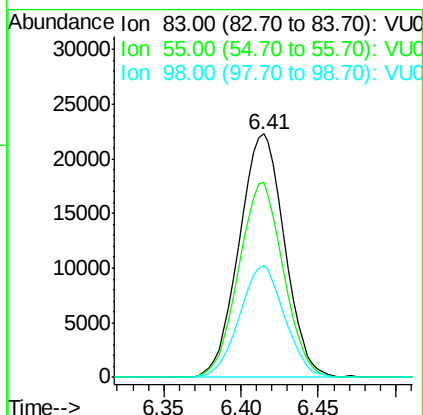
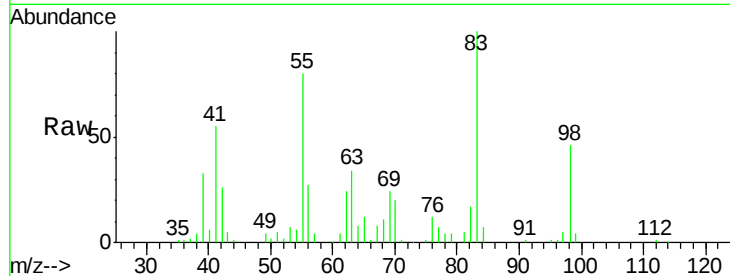




#39
Methvlcvclohexane
Concen: 19.337 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

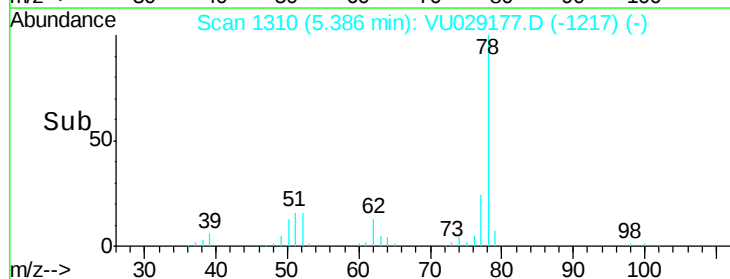
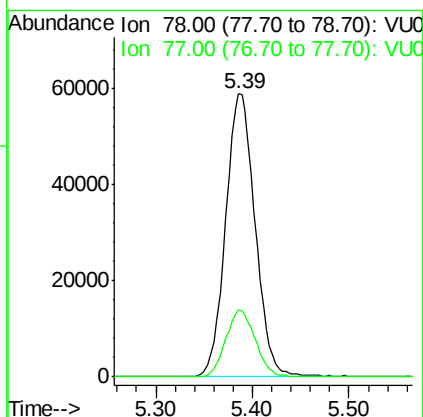
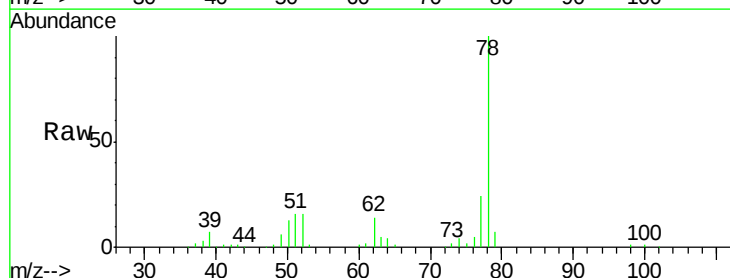
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

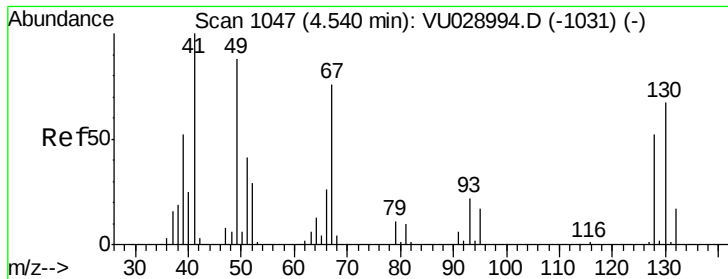
Tot Ion: 83 Resp: 45515
Ion Ratio Lower Upper
83 100
55 80.2 62.4 93.6
98 46.0 36.2 54.2



#40
Benzene
Concen: 20.865 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion: 78 Resp: 124610
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

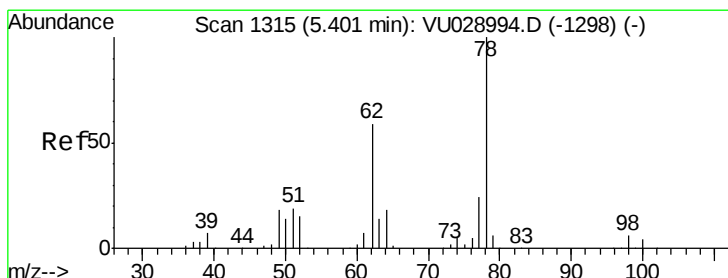
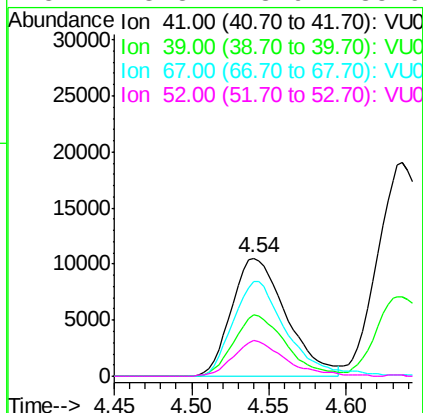
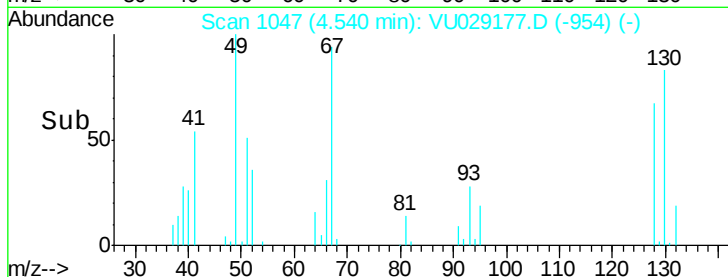
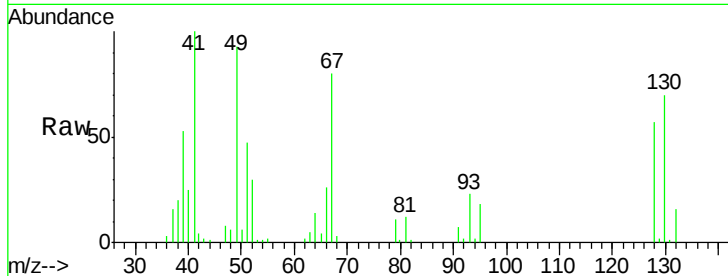




#41
Methacrylonitrile
Concen: 23.033 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

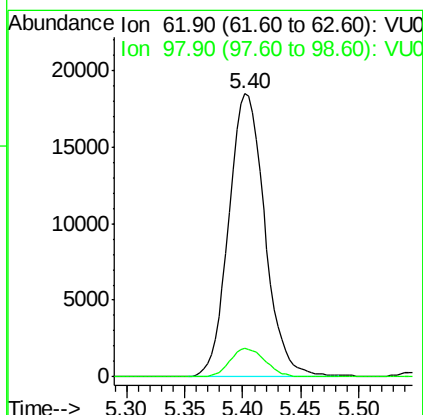
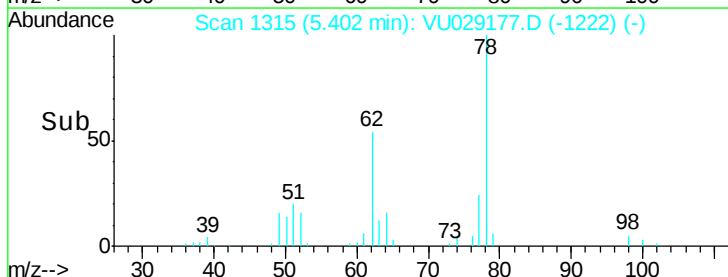
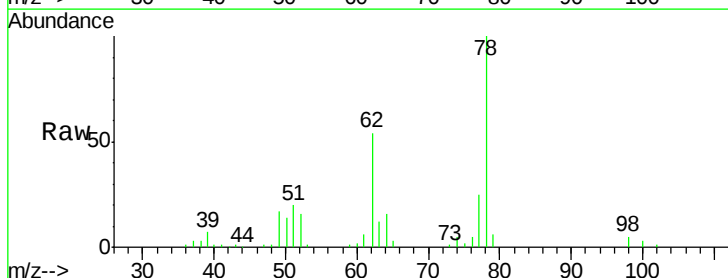
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

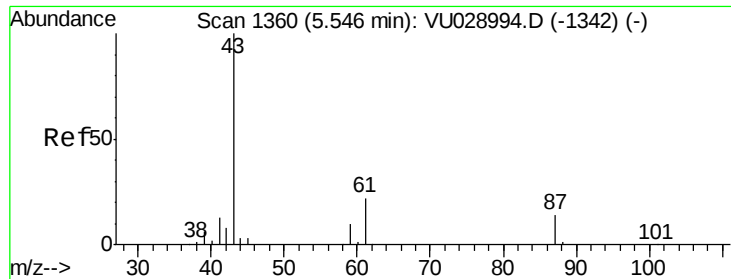
Tot Ion:	41	Resp:	25911
Ion	Ratio	Lower	Upper
41	100		
39	49.8	42.3	63.5
67	78.7	64.4	96.6
52	28.8	23.9	35.9



#42
1,2-Dichloroethane
Concen: 22.215 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion:	62	Resp:	39866
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6





#43

Isopropyl Acetate

Concen: 22.402 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0115WBSD01

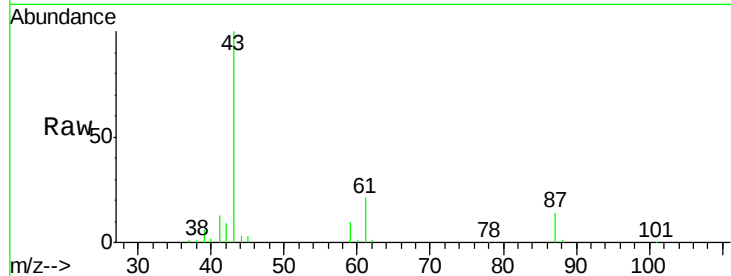
Tot Ion: 43 Resp: 72220

Ion Ratio Lower Upper

43 100

61 21.5 17.8 26.6

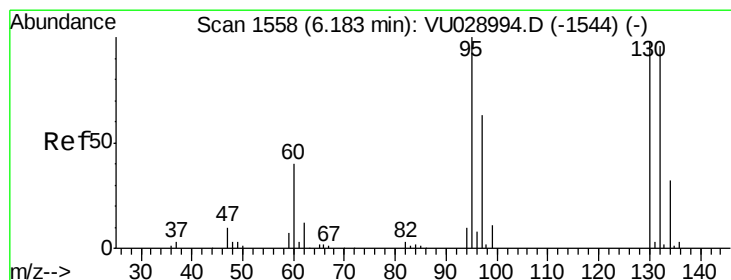
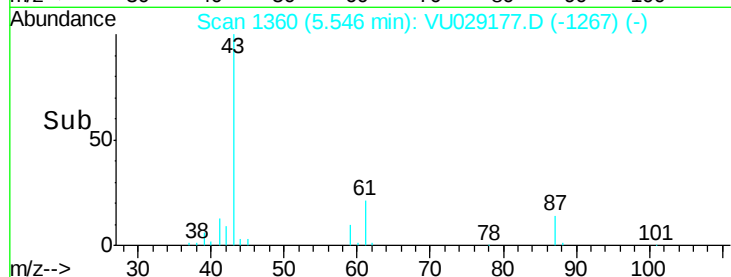
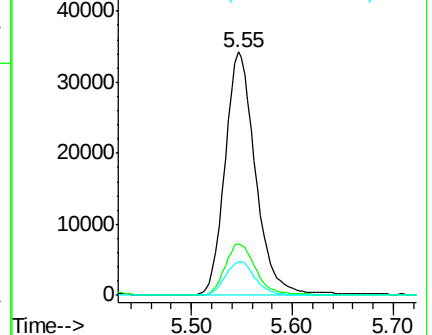
87 13.6 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#44

Trichloroethene

Concen: 19.955 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU029177.D

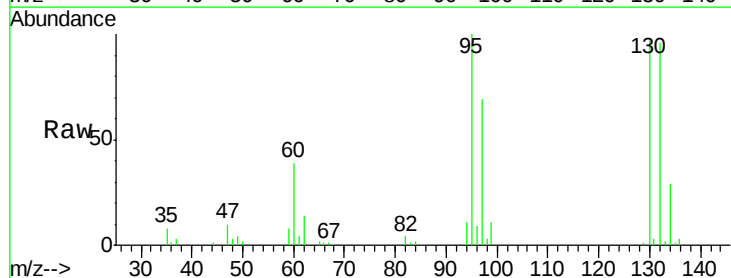
Acq: 15 Jan 2019 11:53

Tgt Ion:130 Resp: 29528

Ion Ratio Lower Upper

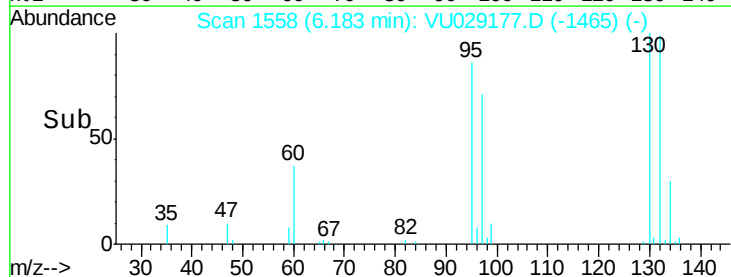
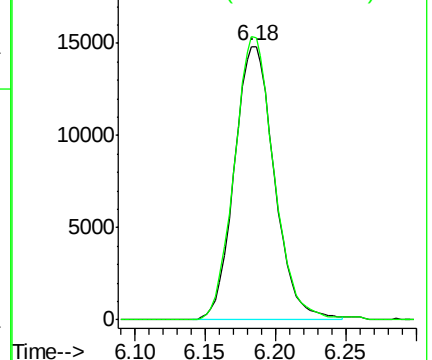
130 100

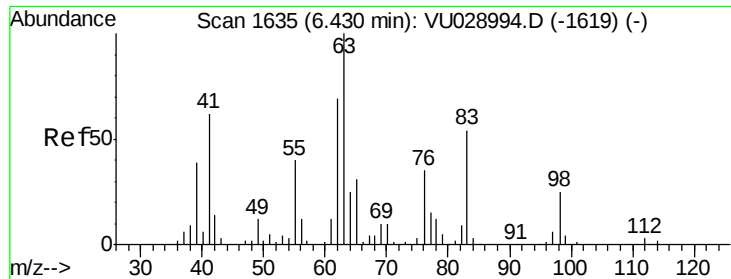
95 103.5 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU028994.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028994.D (-1544) (-)





#45

1,2-Dichloropropane

Concen: 21.410 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

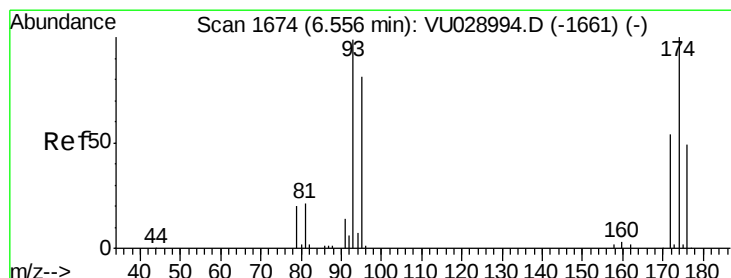
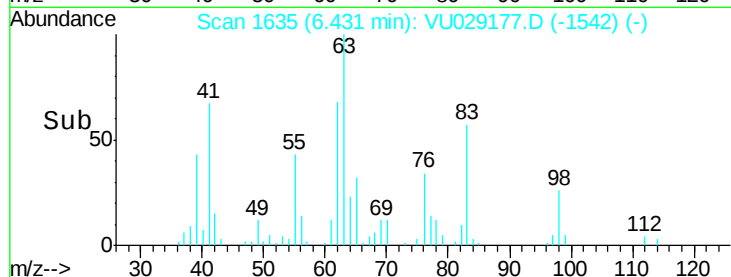
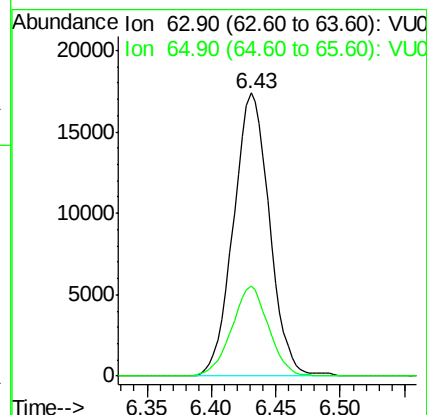
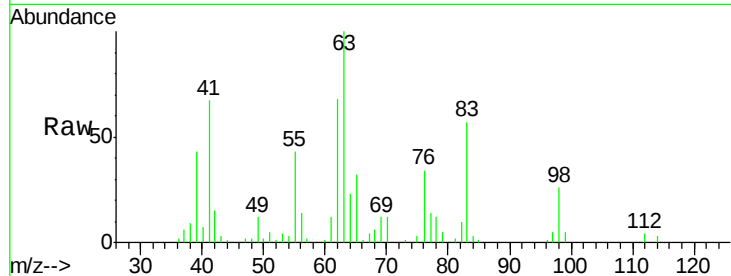
VU0115WBSD01

Tot Ion: 63 Resp: 33766

Ion Ratio Lower Upper

63 100

65 31.7 25.1 37.7



#46

Dibromomethane

Concen: 21.098 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

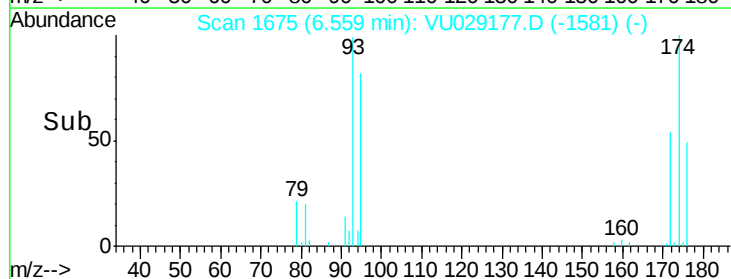
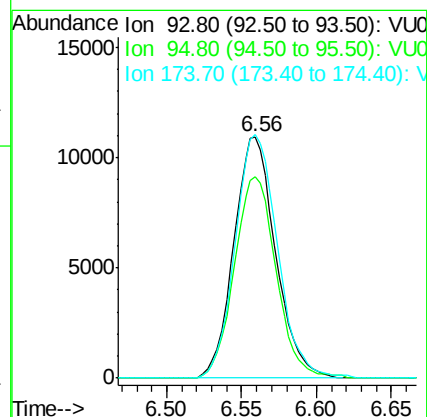
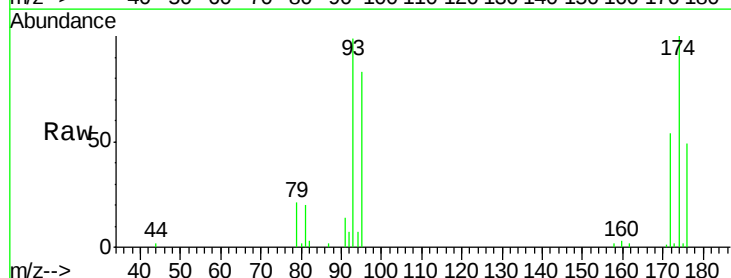
Tgt Ion: 93 Resp: 21271

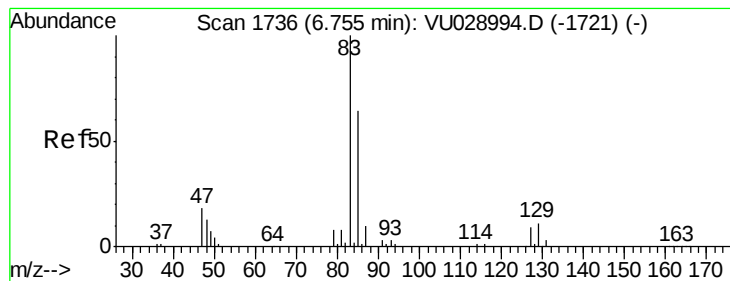
Ion Ratio Lower Upper

93 100

95 83.6 67.2 100.8

174 102.2 82.6 123.8





#47

Bromodichloromethane

Concen: 21.803 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0115WBSD01

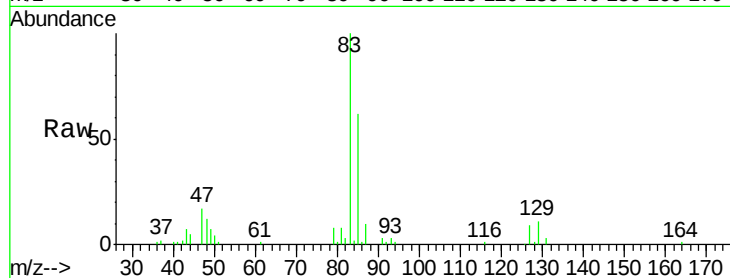
Tot Ion: 83 Resp: 40472

Ion Ratio Lower Upper

83 100

85 62.3 51.4 77.2

127 8.5 7.0 10.4

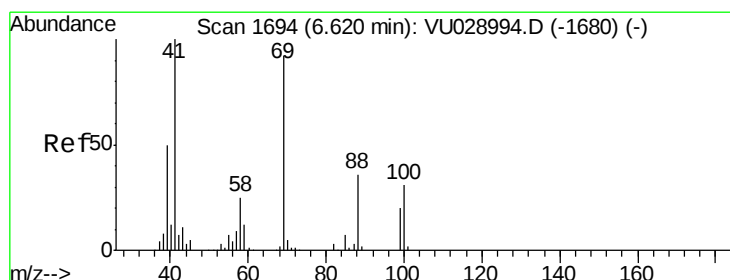
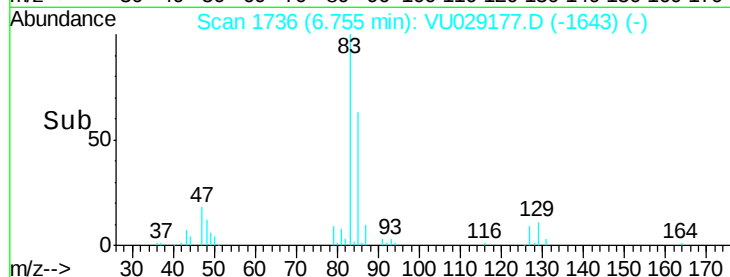


Abundance Ion 82.90 (82.60 to 83.60): VU029177.D (-1643) (-)

Ion 84.90 (84.60 to 85.60): VU029177.D (-1643) (-)

Ion 126.80 (126.50 to 127.50): VU029177.D (-1643) (-)

Time-->



#48

Methyl methacrylate

Concen: 22.239 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

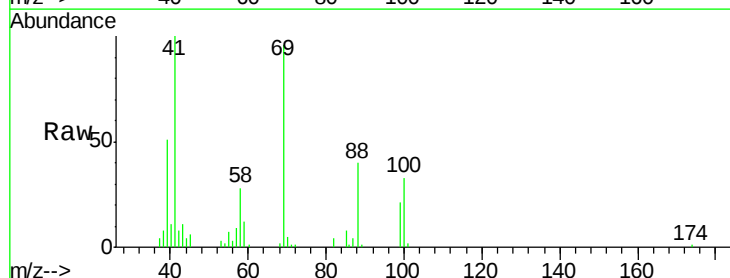
Tgt Ion: 41 Resp: 34910

Ion Ratio Lower Upper

41 100

69 94.5 73.6 110.4

39 50.4 39.6 59.4

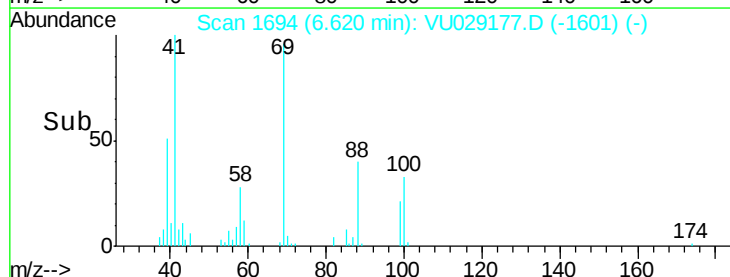


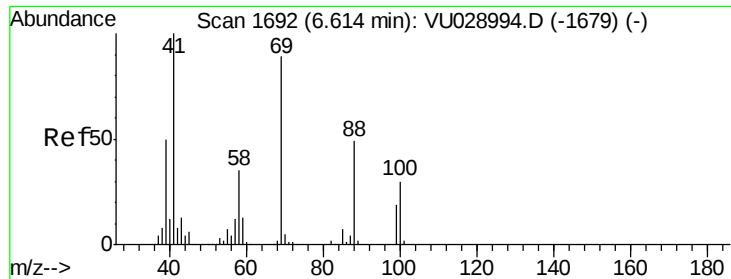
Abundance Ion 41.00 (40.70 to 41.70): VU029177.D (-1601) (-)

Ion 69.00 (68.70 to 69.70): VU029177.D (-1601) (-)

Ion 39.00 (38.70 to 39.70): VU029177.D (-1601) (-)

Time-->

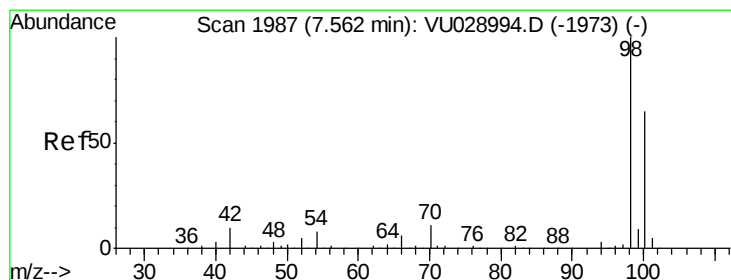
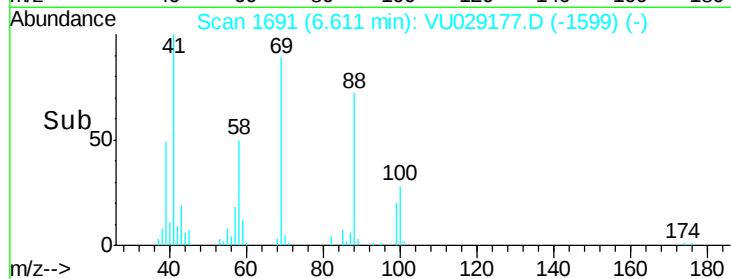
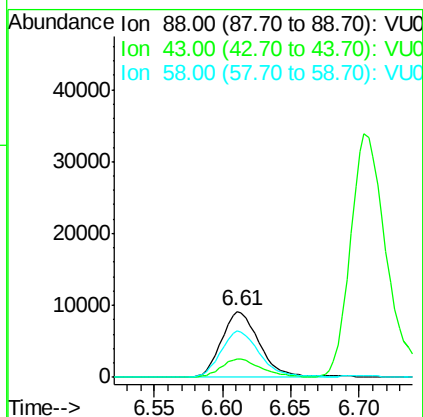
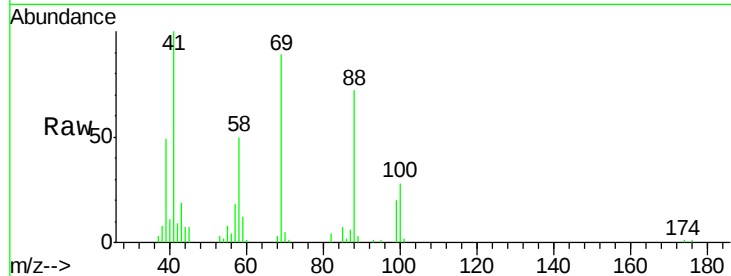




#49
1,4-Dioxane
Concen: 479.672 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

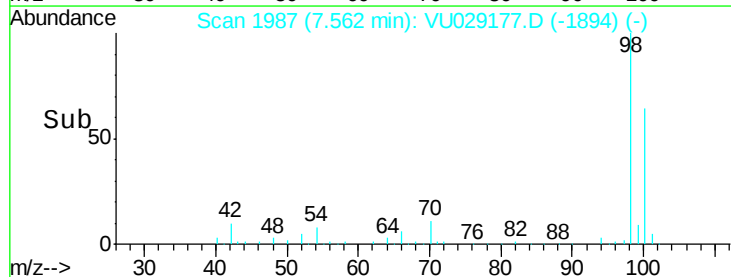
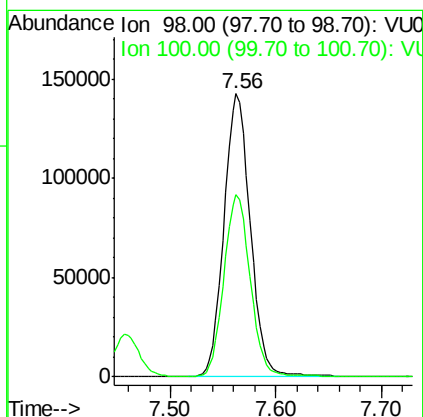
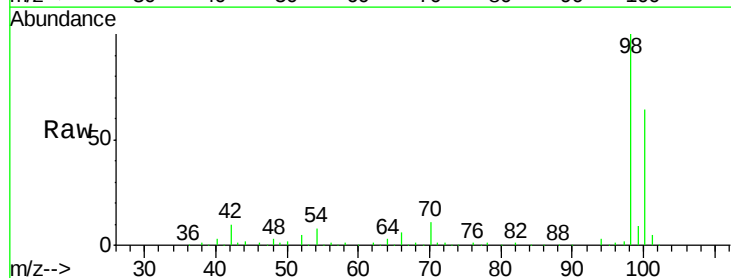
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

Tot Ion: 88 Resp: 17844
Ion Ratio Lower Upper
88 100
43 29.5 23.0 34.4
58 71.6 57.9 86.9



#50
Toluene-d8
Concen: 50.477 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion: 98 Resp: 247431
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 111.901 ug/l

RT: 7.46 min Scan# 1954

Delta R.T. -0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

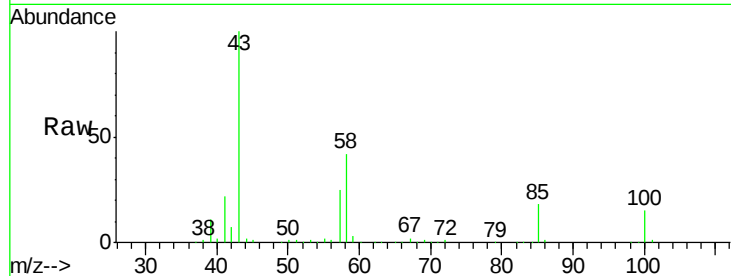
VU0115WBSD01

Tot Ion: 43 Resp: 245507

Ion Ratio Lower Upper

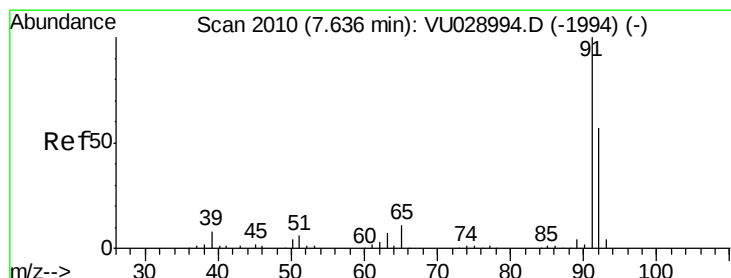
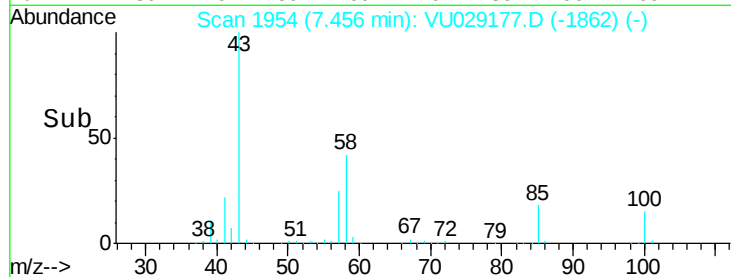
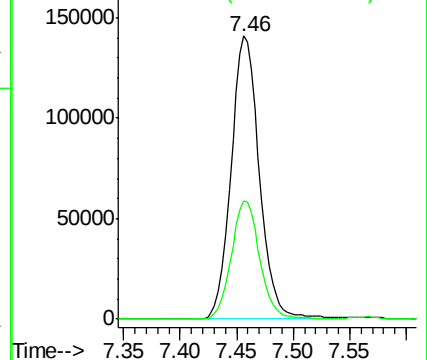
43 100

58 41.9 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 20.826 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029177.D

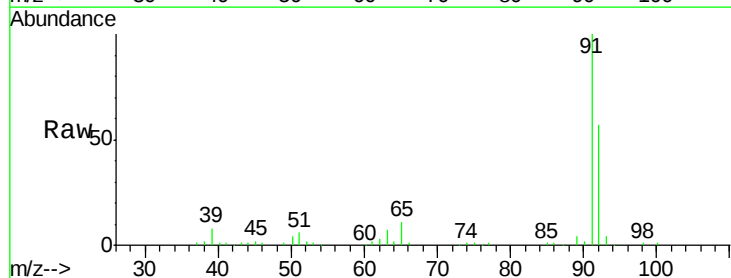
Acq: 15 Jan 2019 11:53

Tgt Ion: 92 Resp: 75717

Ion Ratio Lower Upper

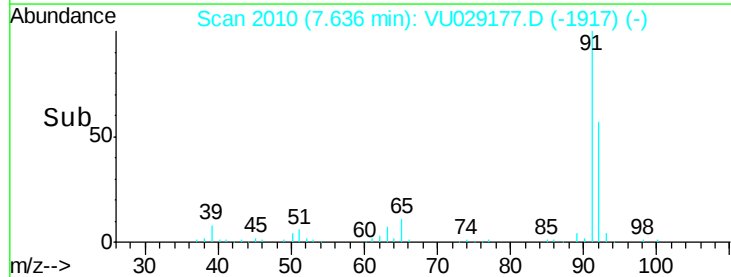
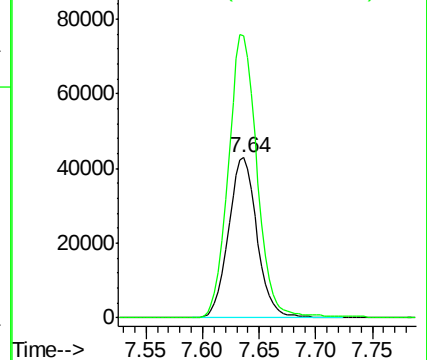
92 100

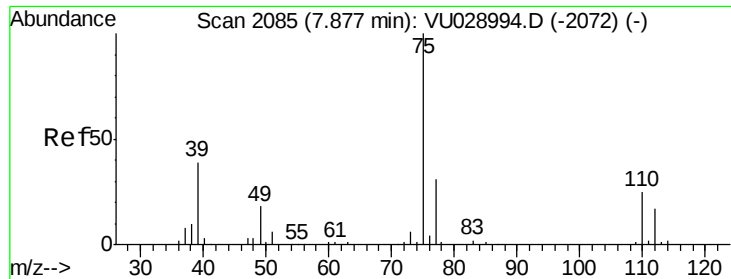
91 176.8 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

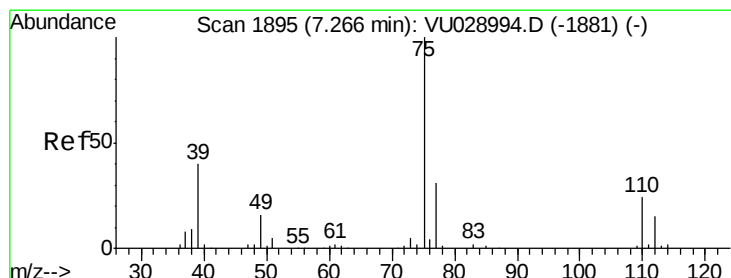
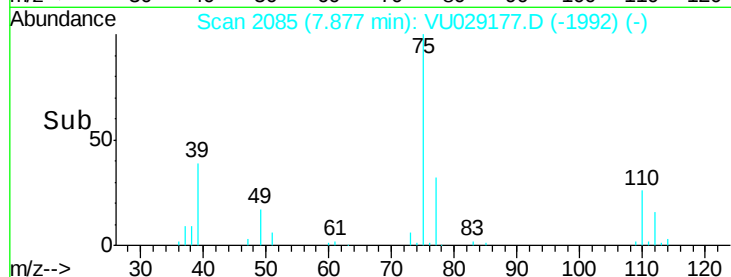
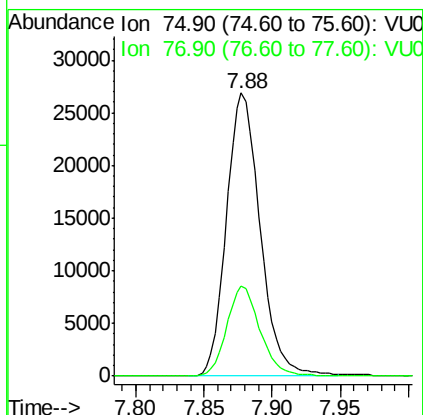
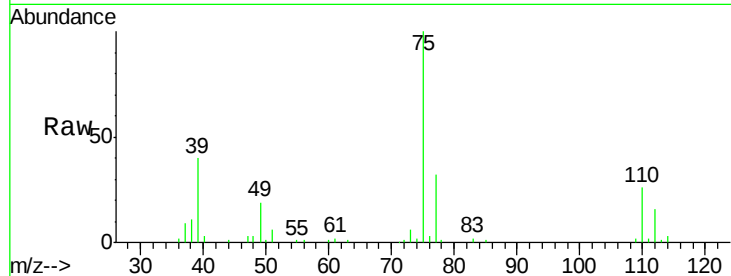




#53
t-1,3-Dichloropropene
Concen: 20.733 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

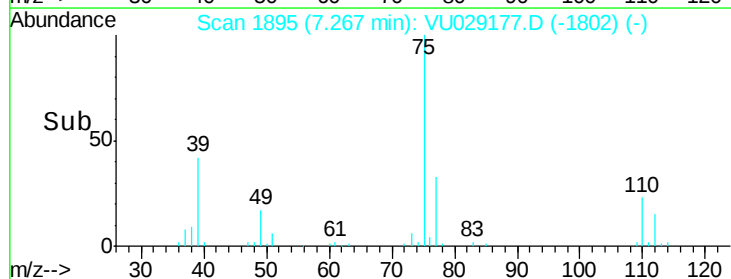
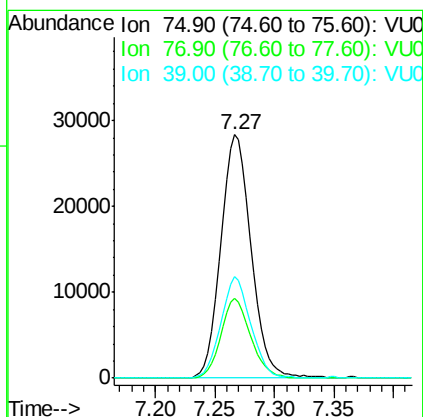
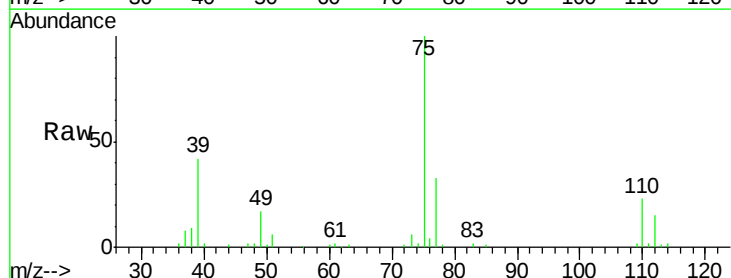
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

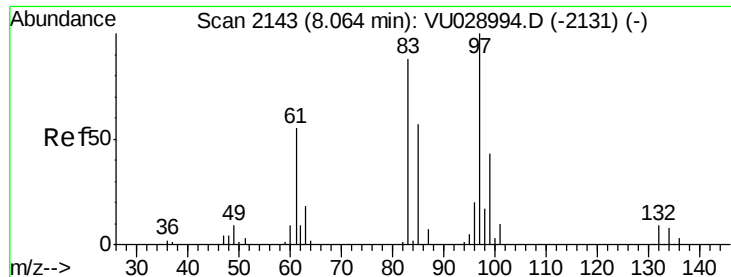
Tot Ion: 75 Resp: 46231
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.781 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion: 75 Resp: 50070
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.6
39 41.6 32.2 48.4

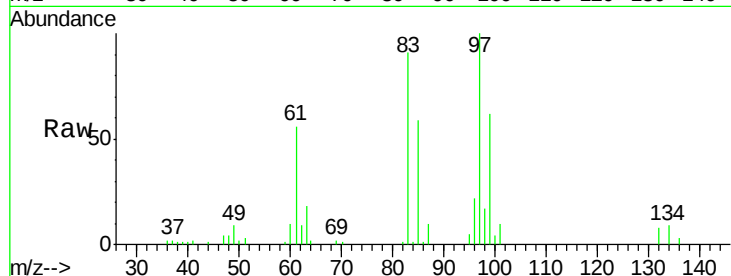




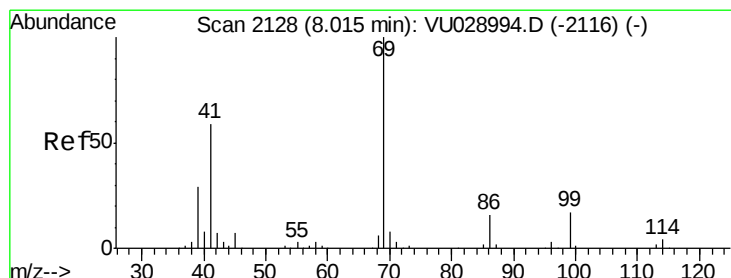
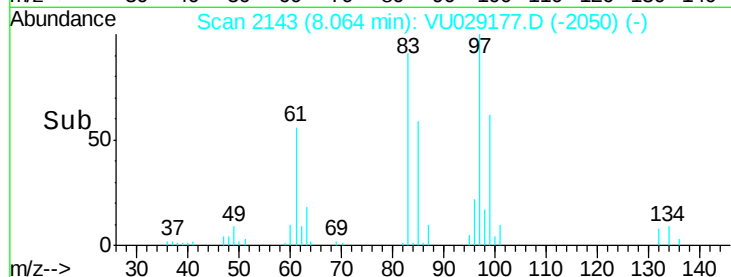
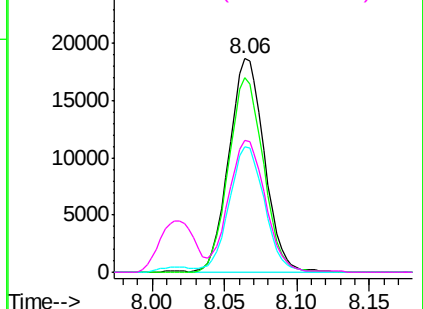
#55
 1,1,2-Trichloroethane
 Concen: 21.784 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

Tot Ion: 97 Resp: 31728
 Ion Ratio Lower Upper
 97 100
 83 91.3 69.8 104.8
 85 58.9 47.3 70.9
 99 61.3 49.7 74.5

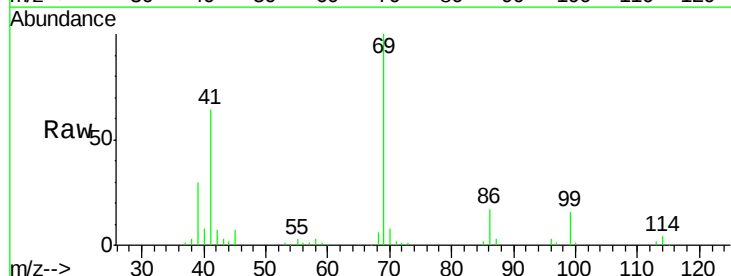


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

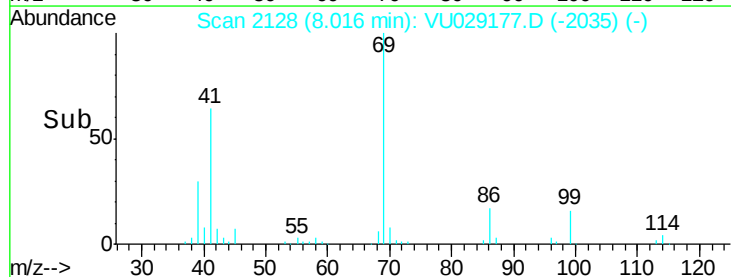
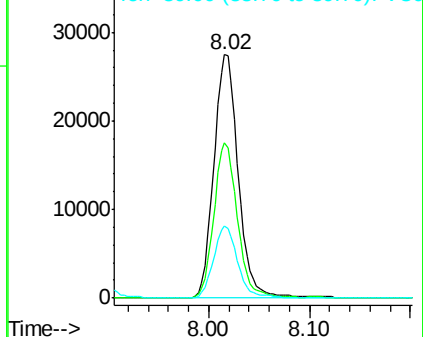


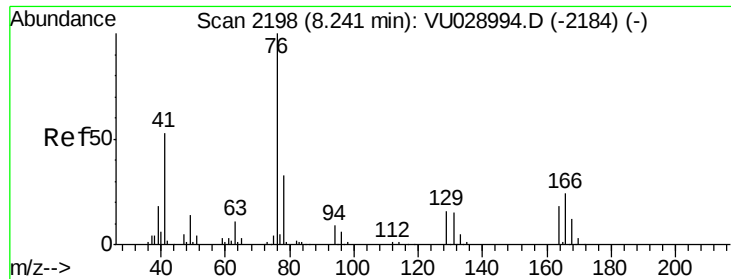
#56
 Ethyl methacrylate
 Concen: 20.675 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion: 69 Resp: 46393
 Ion Ratio Lower Upper
 69 100
 41 61.5 47.5 71.3
 39 29.2 22.5 33.7



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

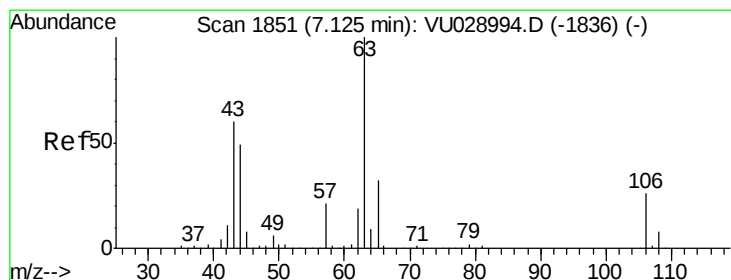
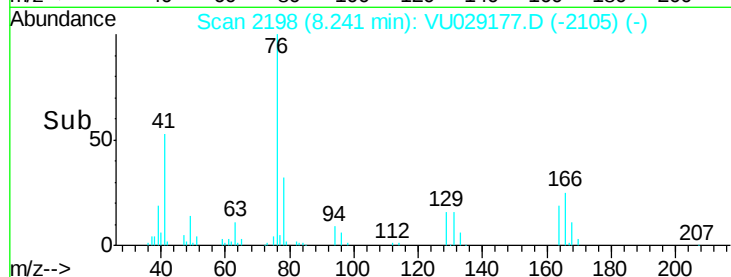
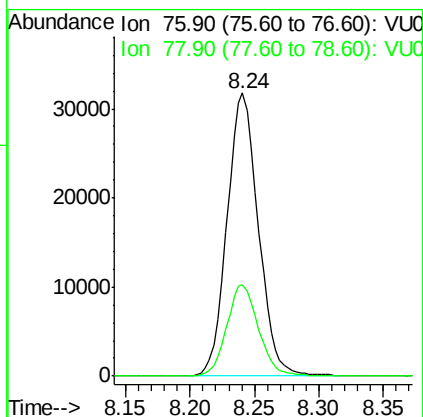
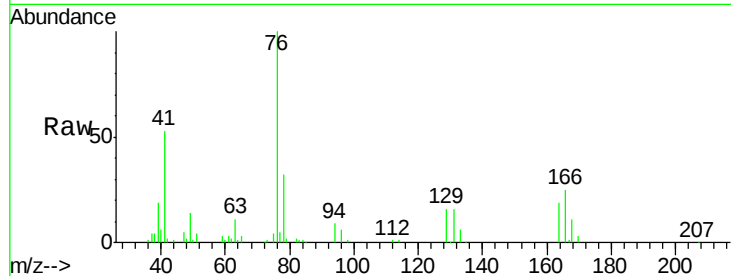




#57
 1,3-Dichloropropane
 Concen: 21.492 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

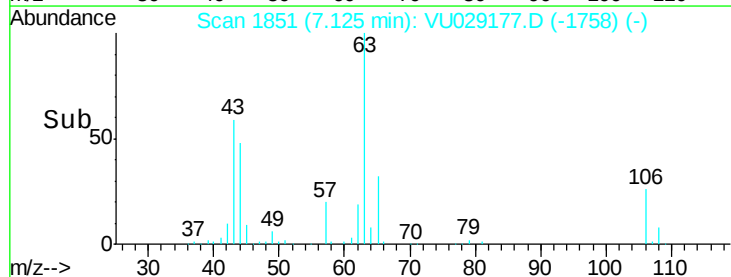
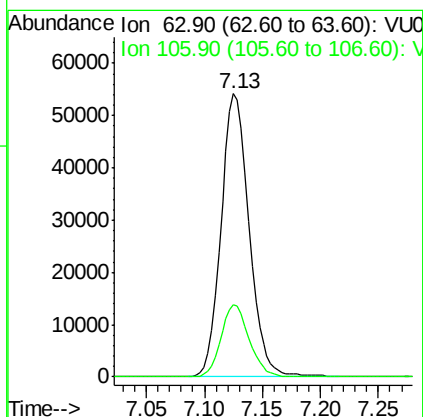
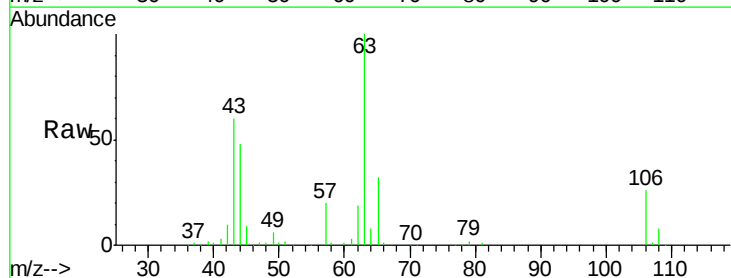
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

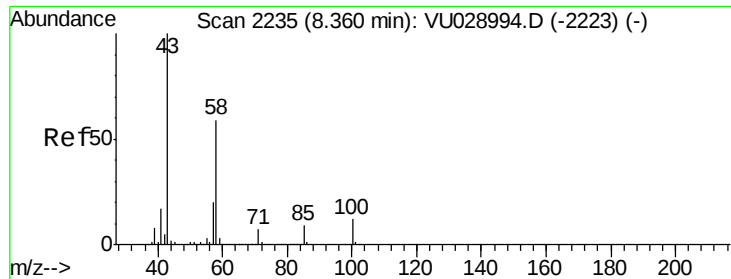
Tot Ion: 76 Resp: 53562
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.552 ug/l
 RT: 7.13 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion: 63 Resp: 91332
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.6 31.0

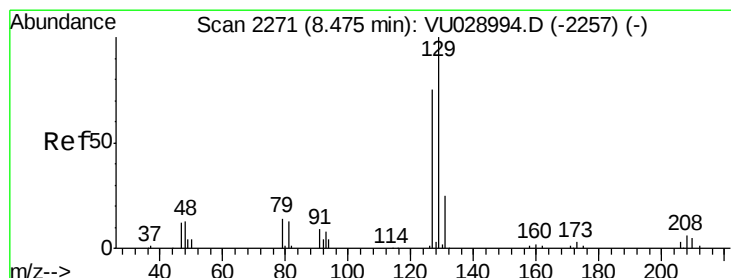
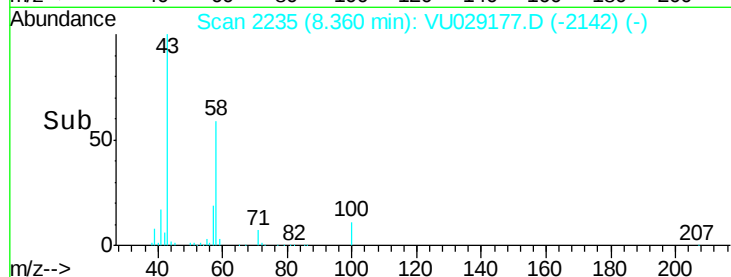
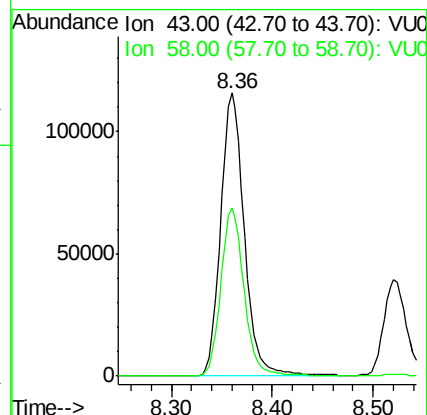
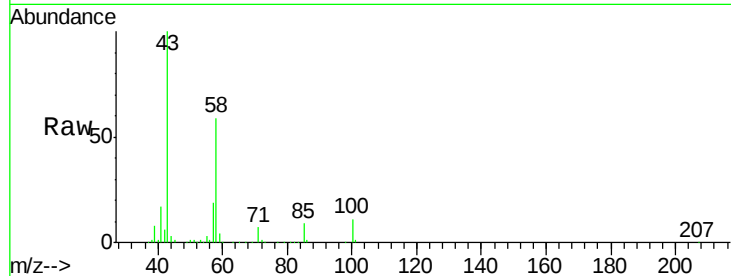




#59
2-Hexanone
Concen: 110.320 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

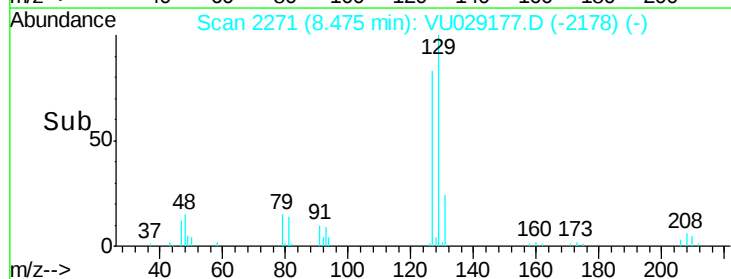
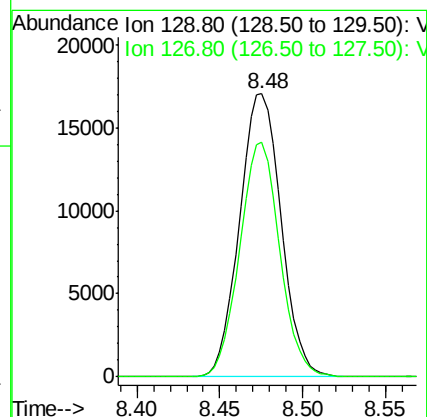
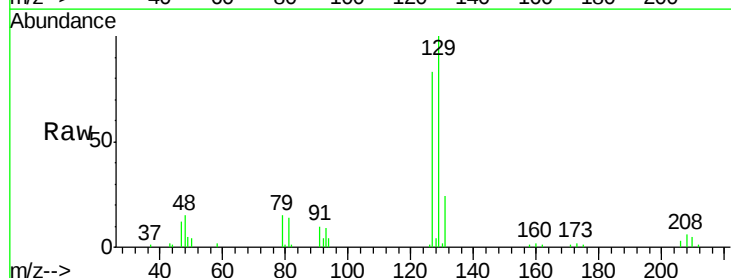
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

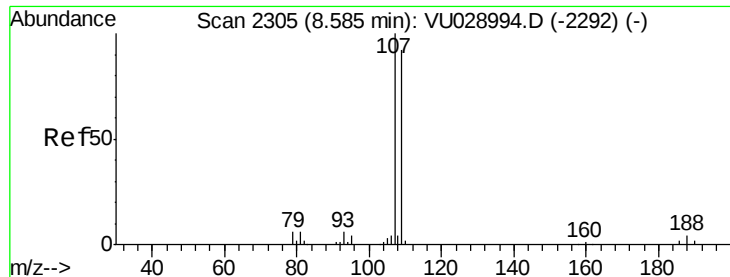
Tot Ion: 43 Resp: 189991
Ion Ratio Lower Upper
43 100
58 58.3 29.8 89.4



#60
Dibromochloromethane
Concen: 20.610 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion: 129 Resp: 29740
Ion Ratio Lower Upper
129 100
127 79.7 38.0 114.0

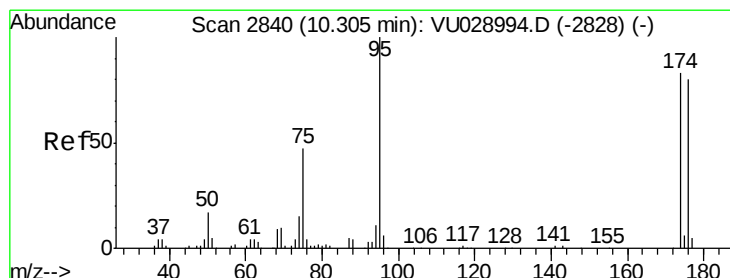
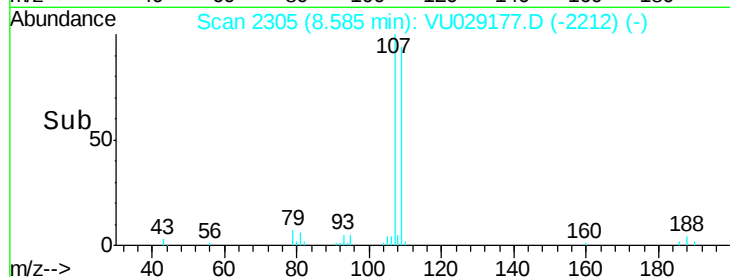
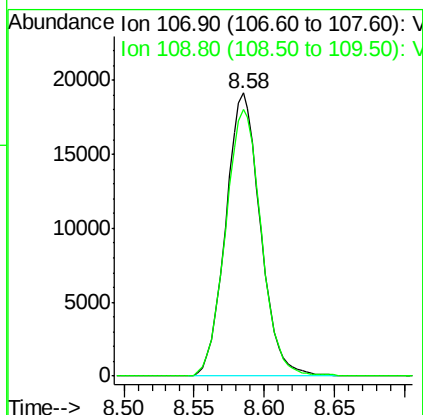
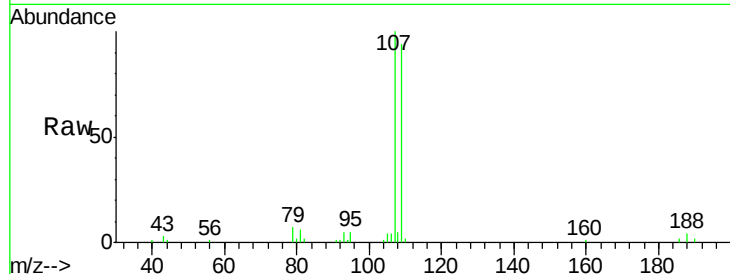




#61
 1,2-Dibromoethane
 Concen: 20.844 ug/l
 RT: 8.58 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

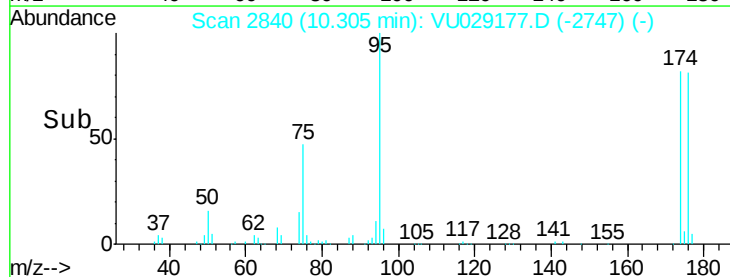
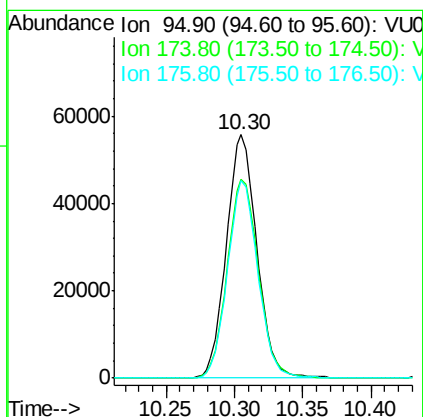
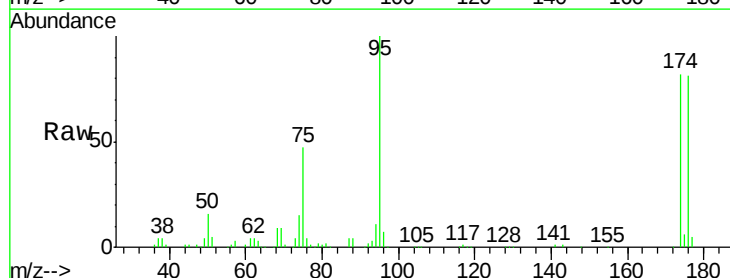
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

Tot Ion:107 Resp: 32926
 Ion Ratio Lower Upper
 107 100
 109 97.1 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 49.213 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion: 95 Resp: 86696
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 170.6
 176 80.9 0.0 165.0

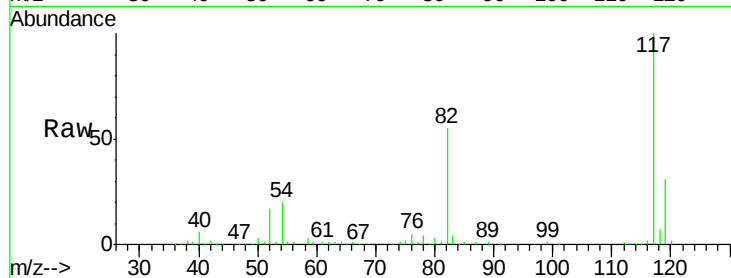




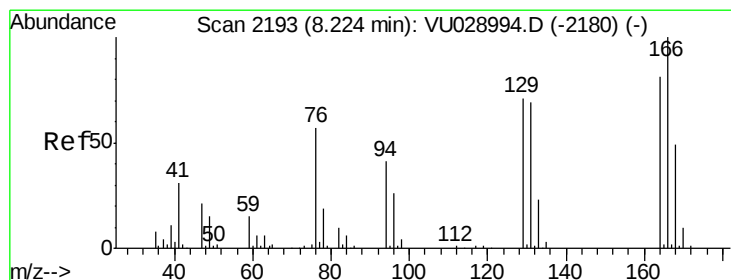
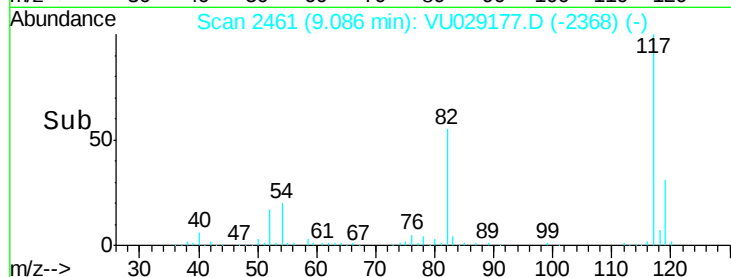
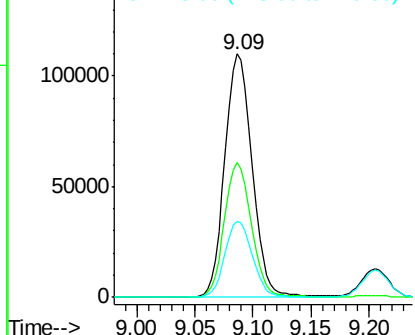
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

Tot Ion:117 Resp: 180049
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 31.3 26.0 39.0

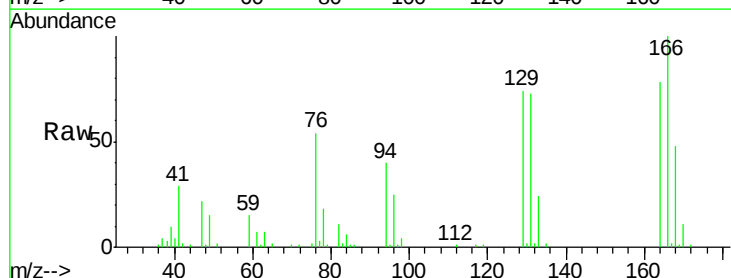


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

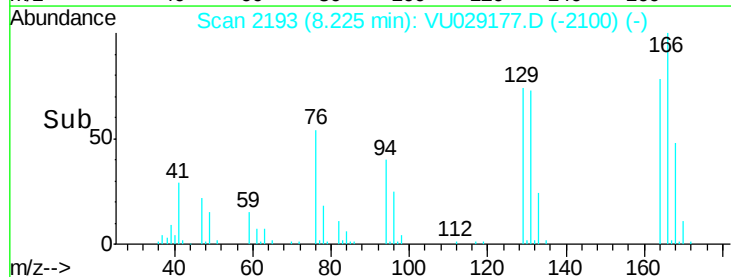
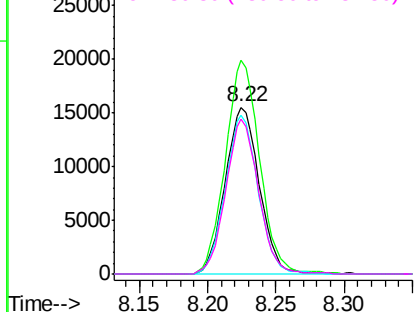


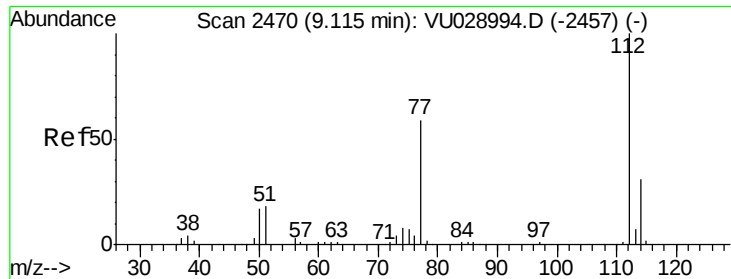
#64
Tetrachloroethene
Concen: 20.822 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion:164 Resp: 27006
Ion Ratio Lower Upper
164 100
166 128.1 99.4 149.0
129 95.4 70.5 105.7
131 93.0 69.0 103.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

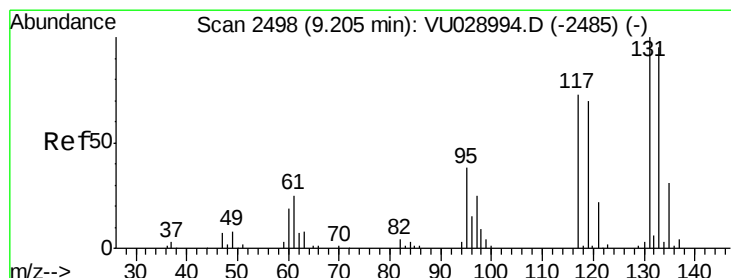
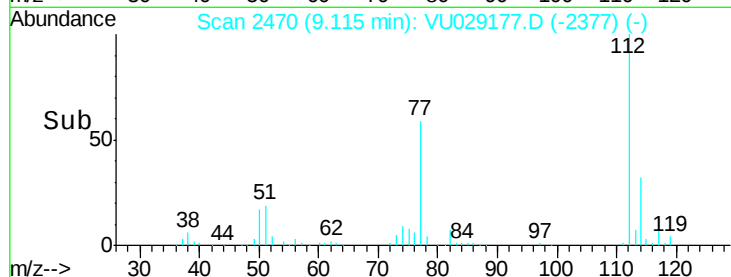
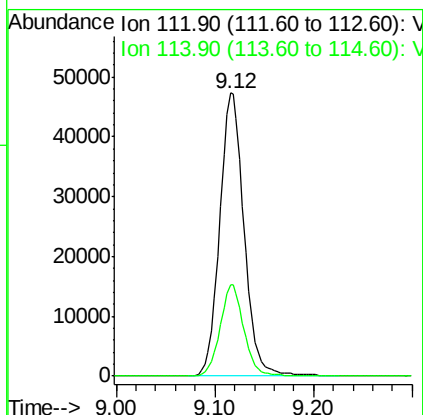
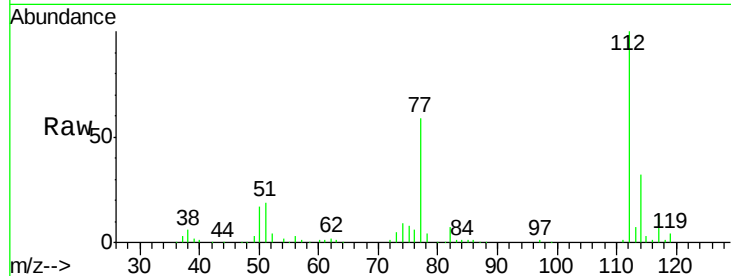




#65
Chlorobenzene
Concen: 20.339 ug/l
RT: 9.12 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

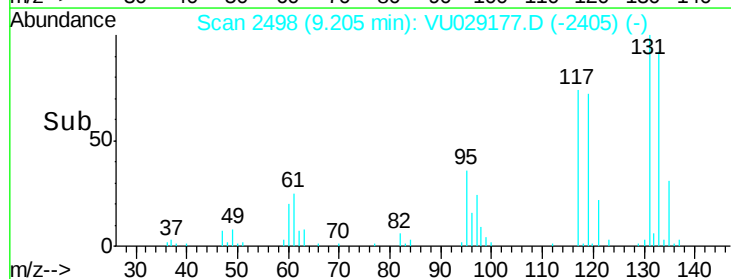
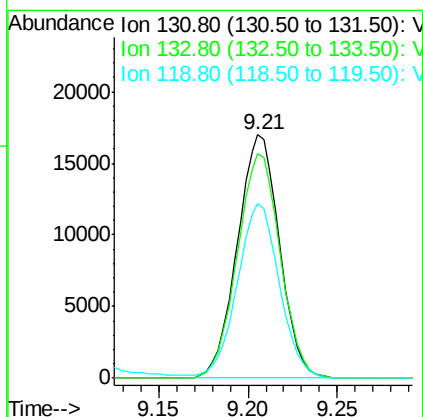
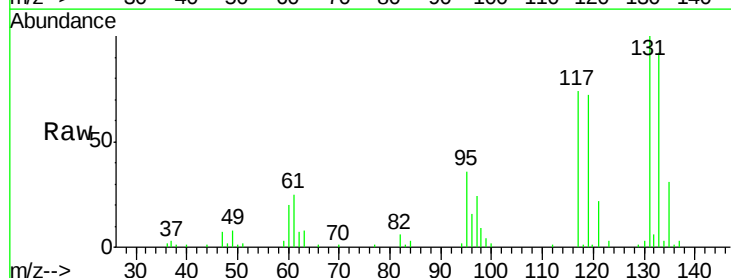
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

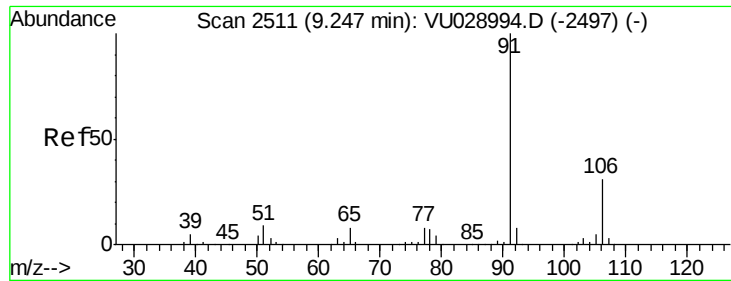
Tot Ion:112 Resp: 82087
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.306 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion:131 Resp: 27905
Ion Ratio Lower Upper
131 100
133 94.1 48.2 144.6
119 71.6 35.4 106.3

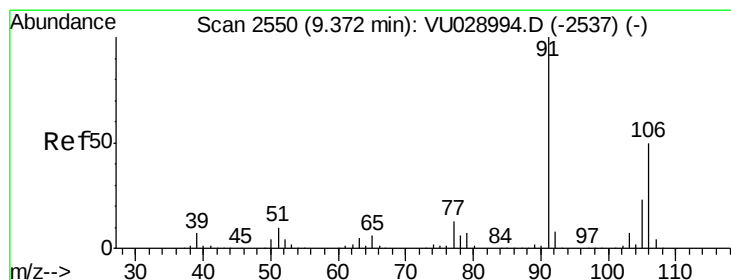
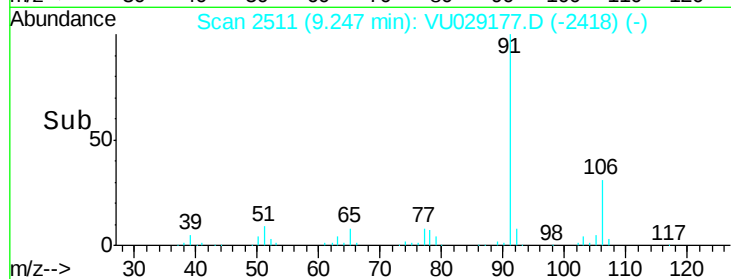
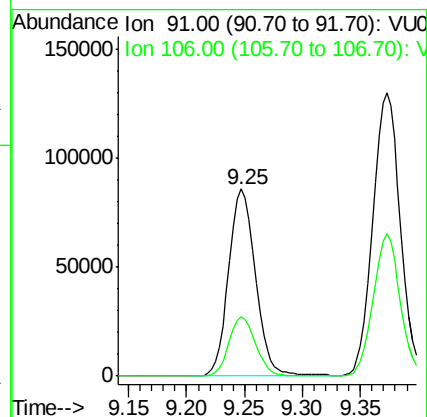
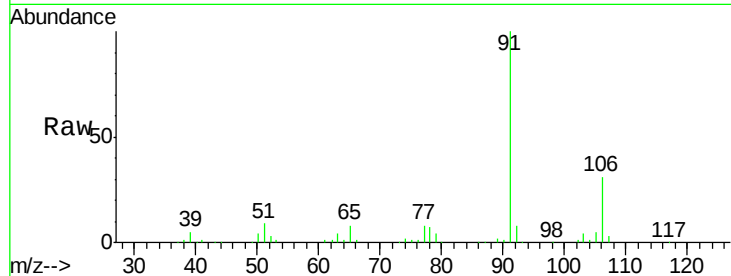




#67
Ethyl Benzene
Concen: 20.542 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

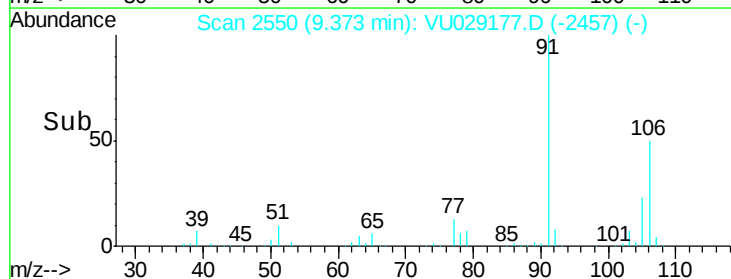
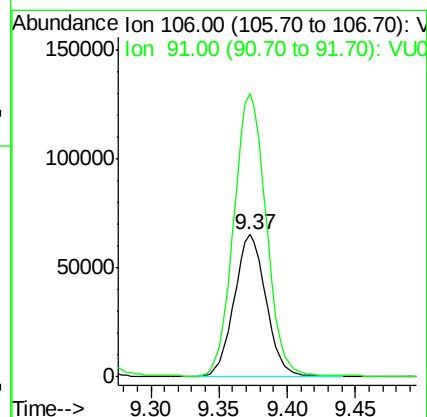
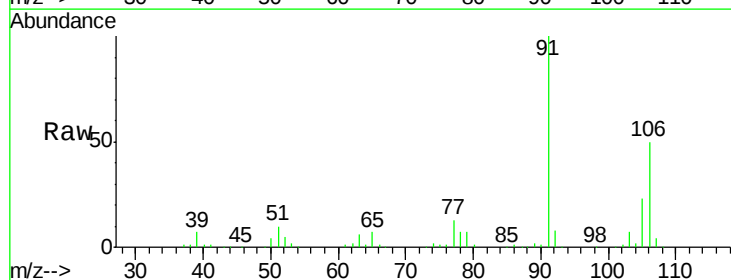
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

Tot Ion: 91 Resp: 138417
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 40.302 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion: 106 Resp: 105515
Ion Ratio Lower Upper
106 100
91 204.9 161.7 242.5

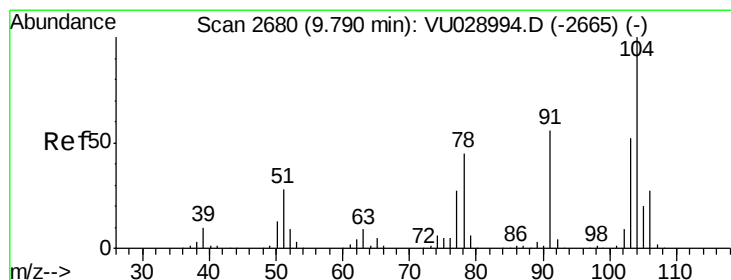
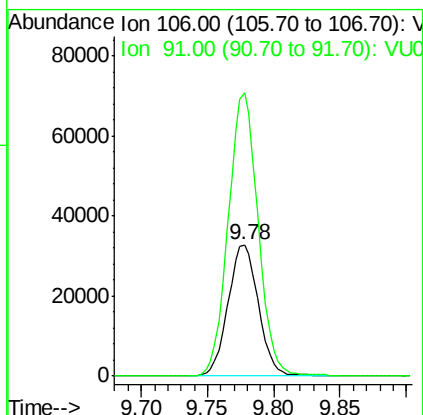
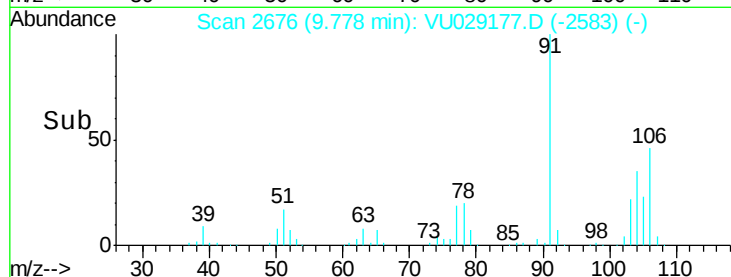
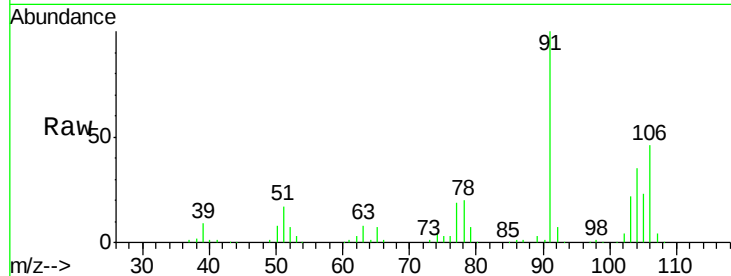




#69
o-Xylene
Concen: 20.723 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

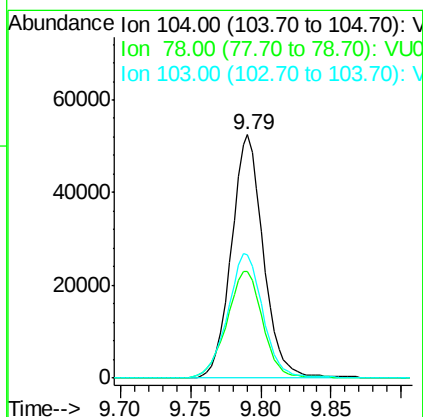
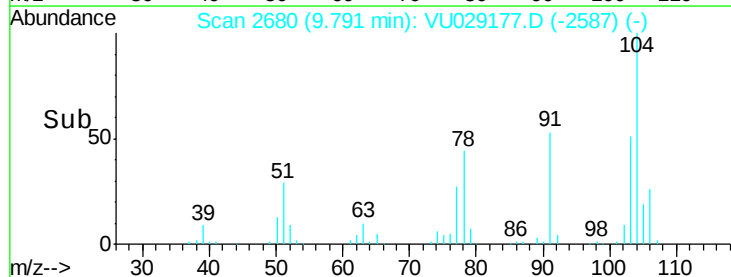
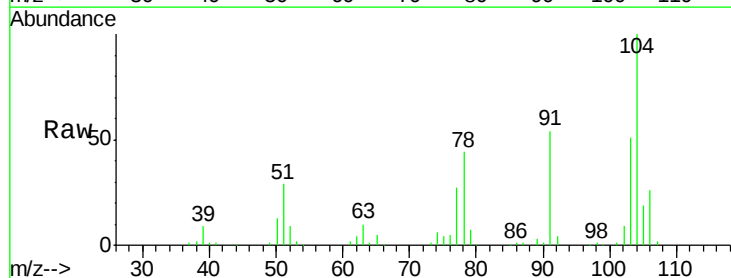
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

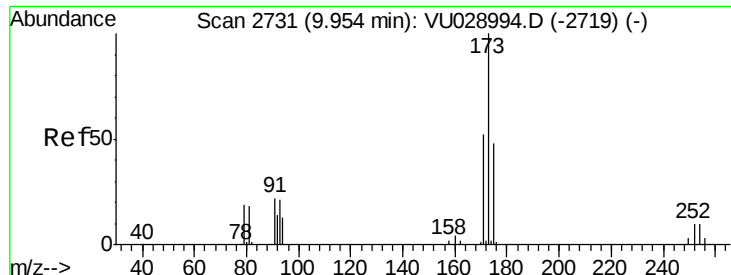
Tot Ion:106 Resp: 52275
Ion Ratio Lower Upper
106 100
91 211.7 106.1 318.3



#70
Styrene
Concen: 20.152 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion:104 Resp: 83339
Ion Ratio Lower Upper
104 100
78 49.3 38.6 58.0
103 56.4 44.5 66.7





#71

Bromoform

Concen: 20.324 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0115WBSD01

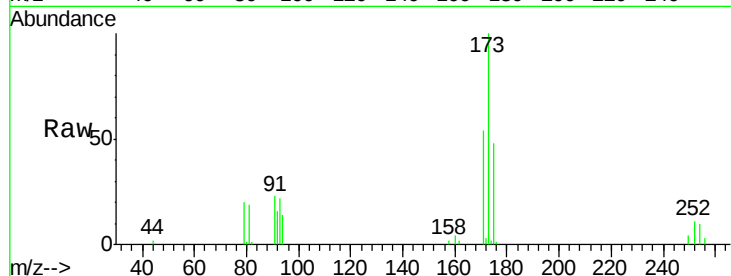
Tot Ion:173 Resp: 23702

Ion Ratio Lower Upper

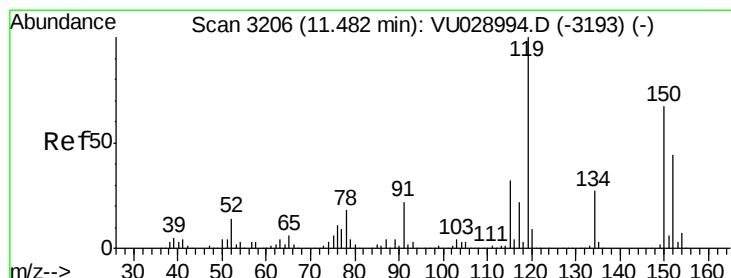
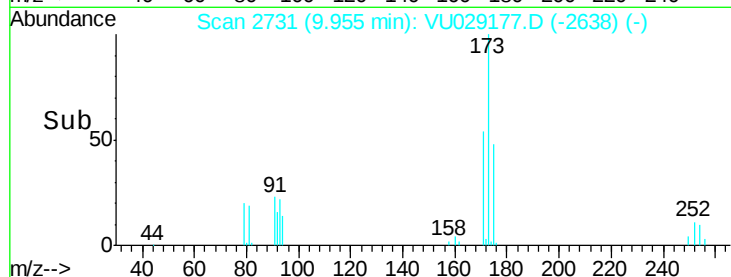
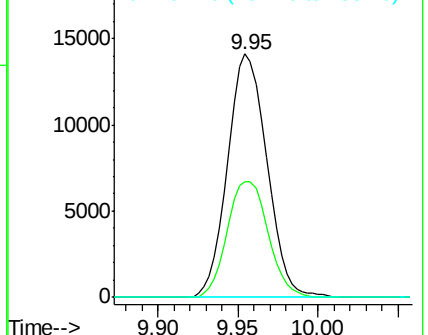
173 100

175 49.3 23.8 71.2

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: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

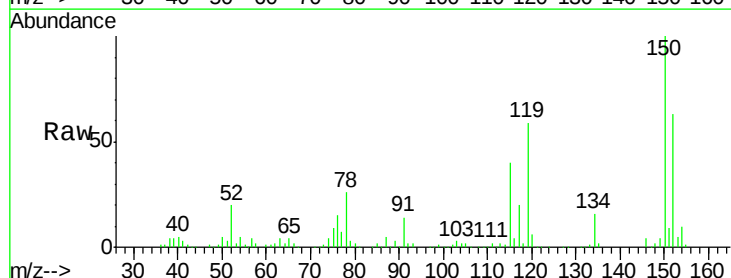
Tgt Ion:152 Resp: 85532

Ion Ratio Lower Upper

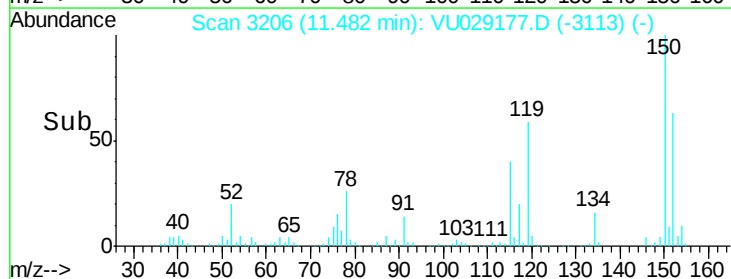
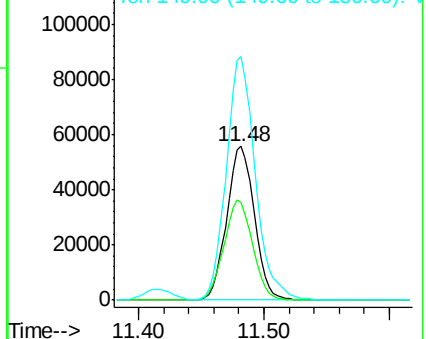
152 100

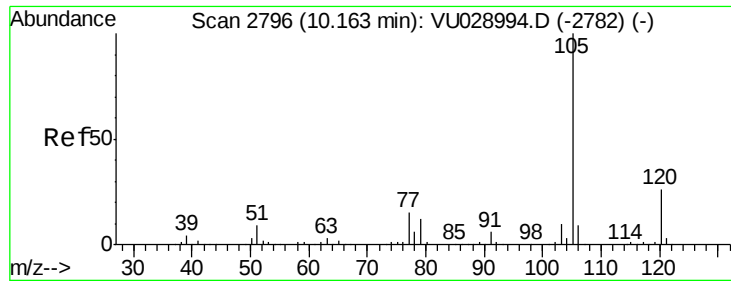
115 67.2 40.1 120.3

150 165.7 0.0 345.2



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: 21.521 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

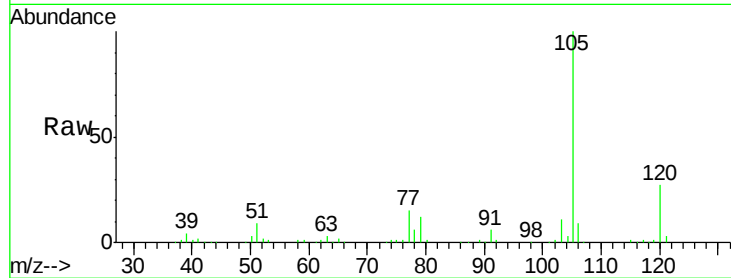
VU0115WBSD01

Tot Ion:105 Resp: 136246

Ion Ratio Lower Upper

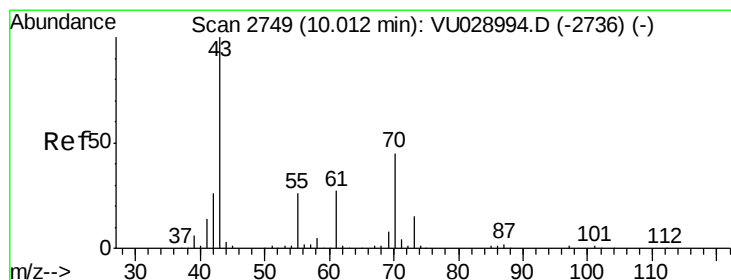
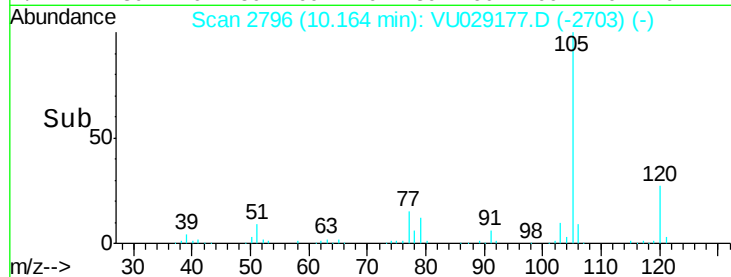
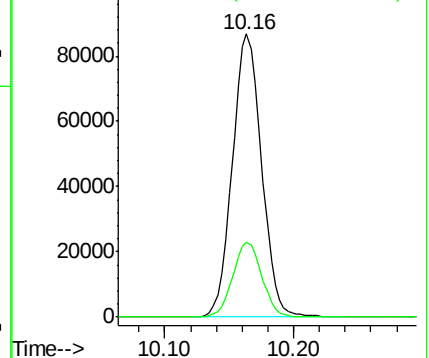
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.338 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Tgt Ion: 43 Resp: 58212

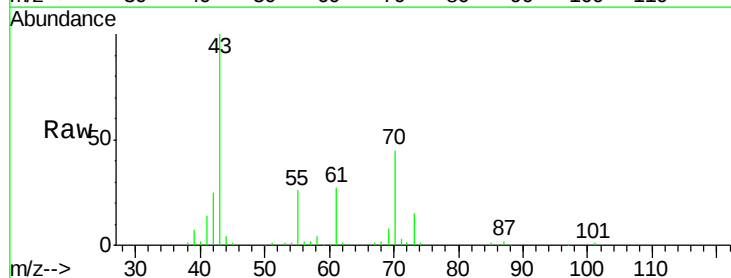
Ion Ratio Lower Upper

43 100

70 45.3 36.3 54.5

55 26.4 20.5 30.7

61 26.7 21.8 32.8

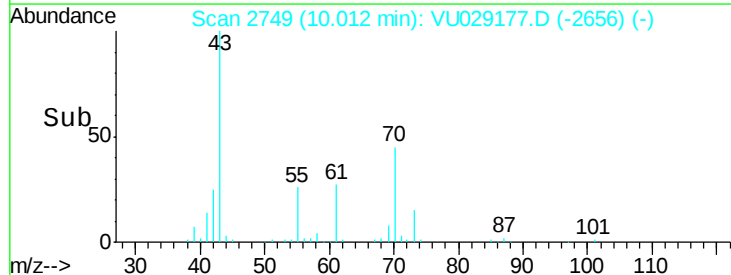
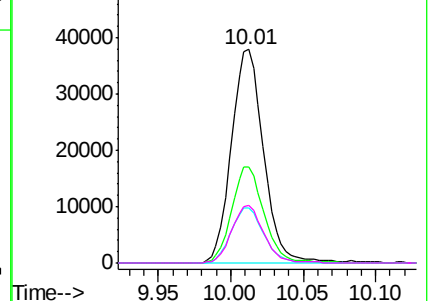


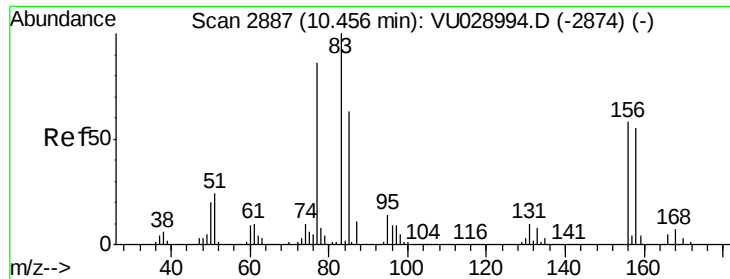
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.536 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0115WBSD01

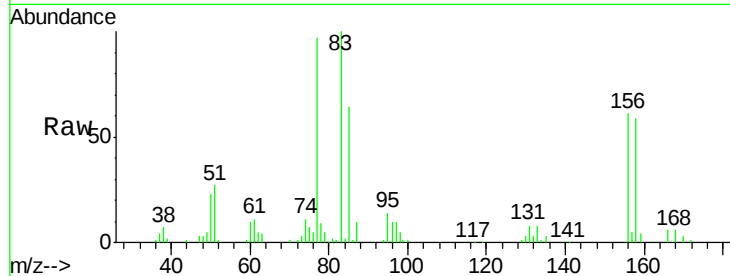
Tot Ion: 83 Resp: 54643

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.1

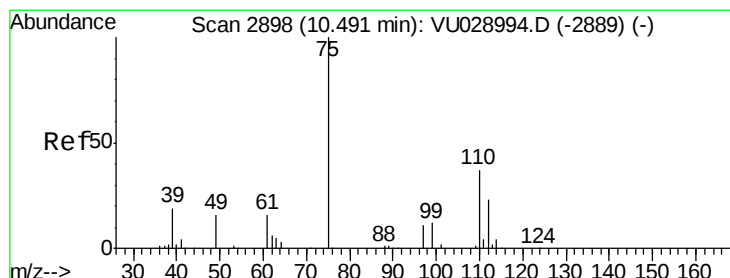
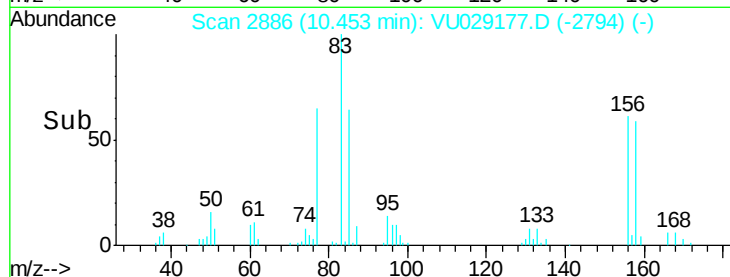
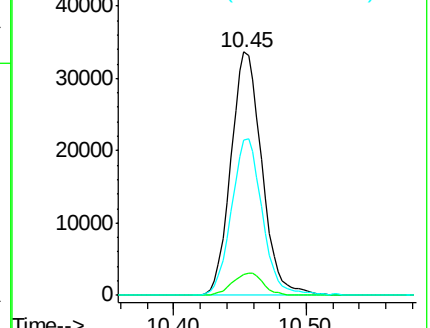
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 29.389 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.00 min

Lab File: VU029177.D

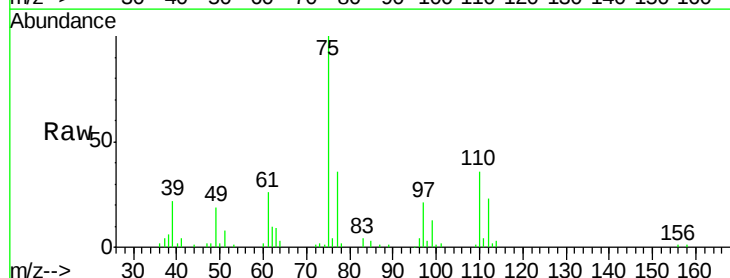
Acq: 15 Jan 2019 11:53

Tgt Ion: 75 Resp: 61589

Ion Ratio Lower Upper

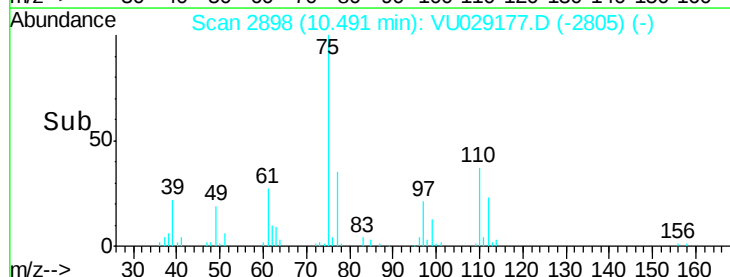
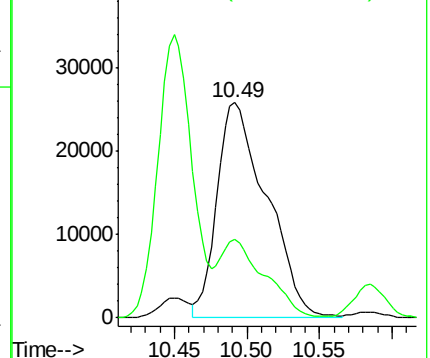
75 100

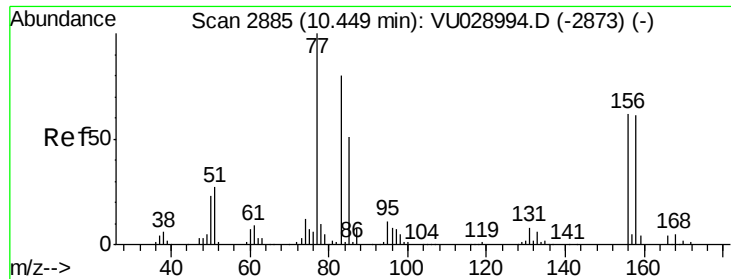
77 31.5 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 20.893 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampled :

VU0115WBSD01

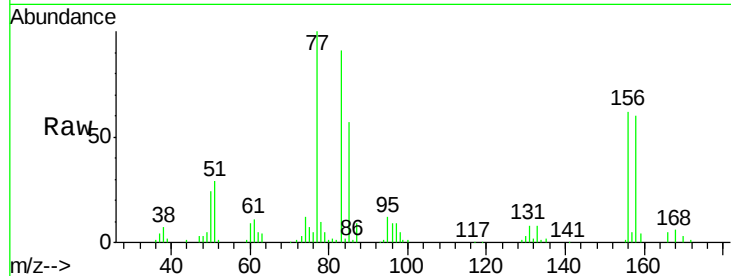
Tot Ion:156 Resp: 34470

Ion Ratio Lower Upper

156 100

77 162.9 79.0 237.2

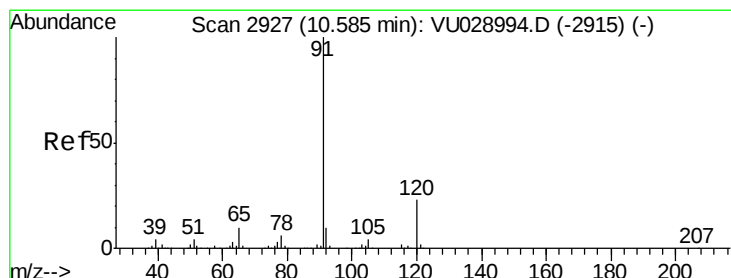
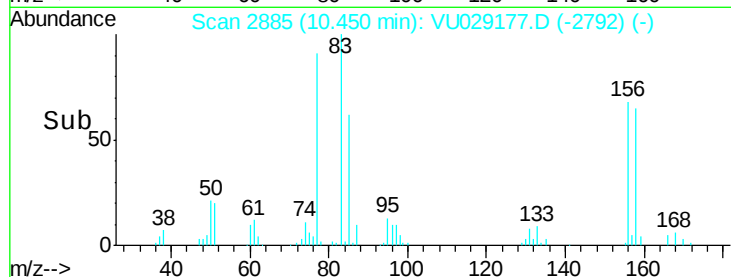
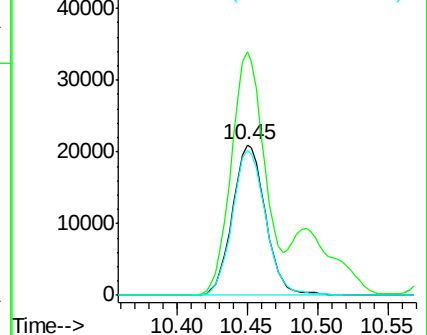
158 97.3 48.9 146.6



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: 21.644 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029177.D

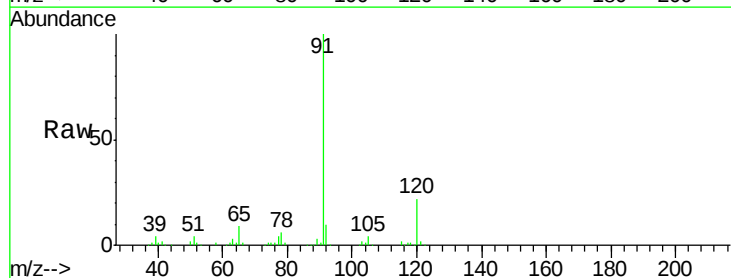
Acq: 15 Jan 2019 11:53

Tgt Ion: 91 Resp: 161485

Ion Ratio Lower Upper

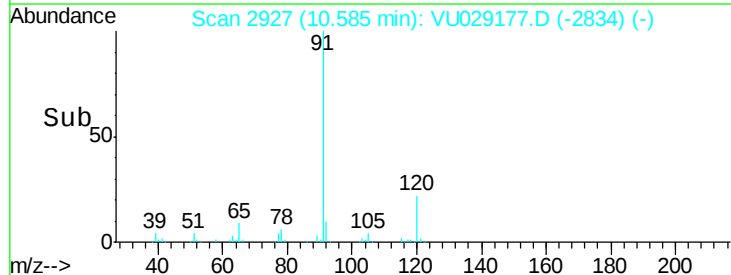
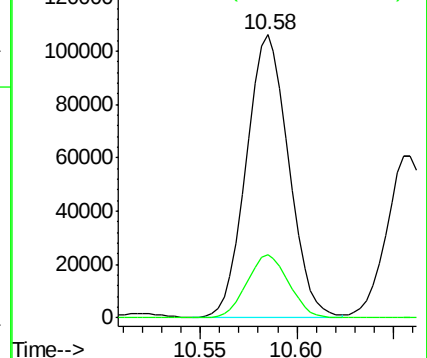
91 100

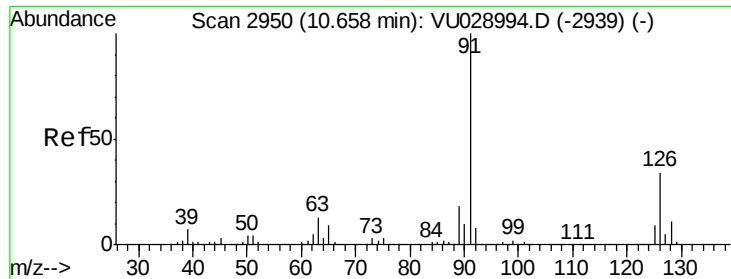
120 22.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.313 ug/l

RT: 10.66 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

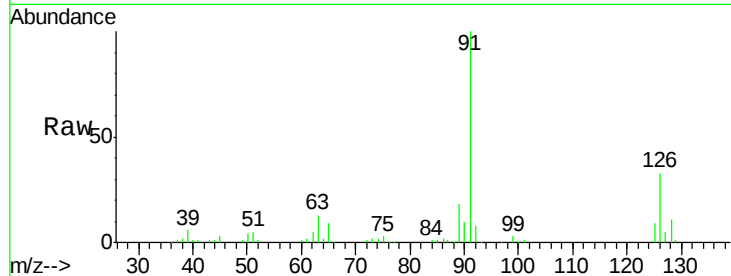
VU0115WBSD01

Tot Ion: 91 Resp: 96461

Ion Ratio Lower Upper

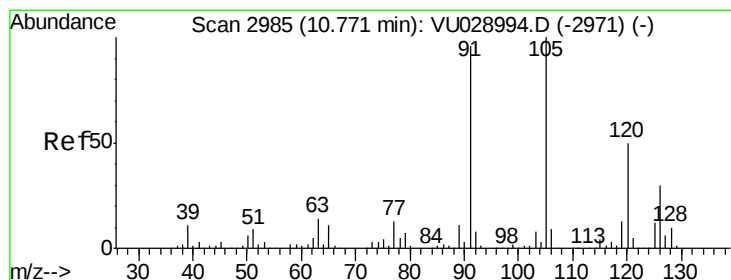
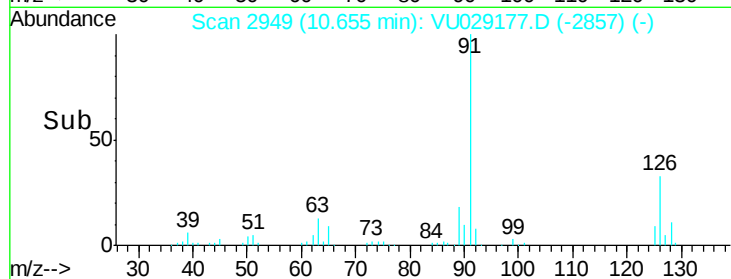
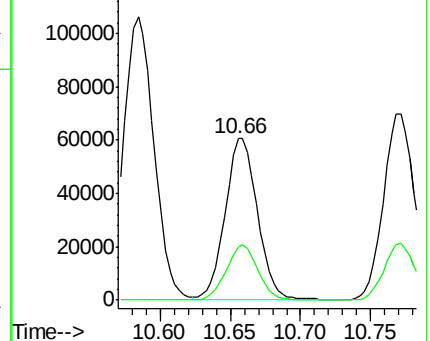
91 100

126 33.7 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-2939) (-)

Ion 125.90 (125.60 to 126.60): VU028994.D (-2939) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.449 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029177.D

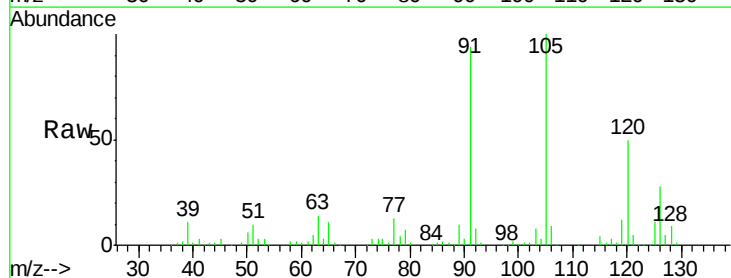
Acq: 15 Jan 2019 11:53

Tgt Ion: 105 Resp: 113398

Ion Ratio Lower Upper

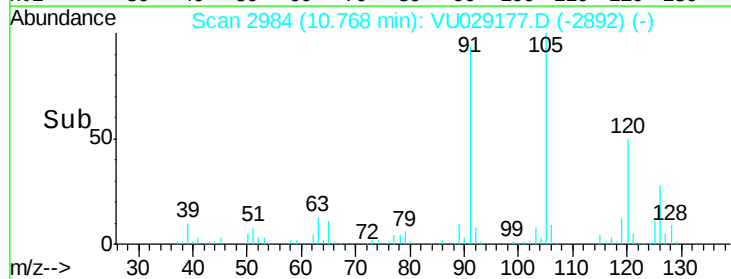
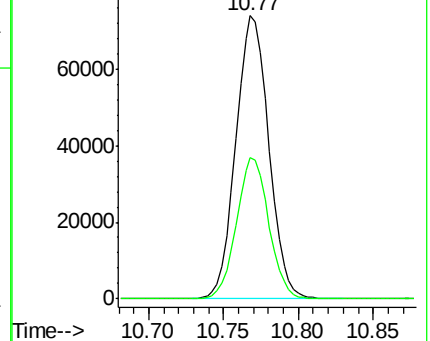
105 100

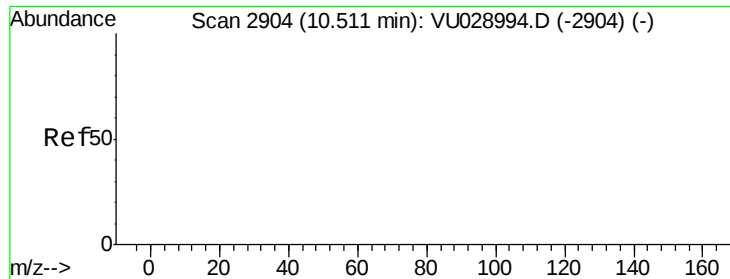
120 48.9 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VU028994.D (-2971) (-)

Ion 120.00 (119.70 to 120.70): VU028994.D (-2971) (-)

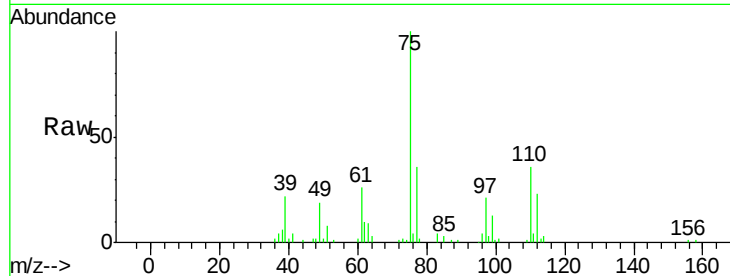




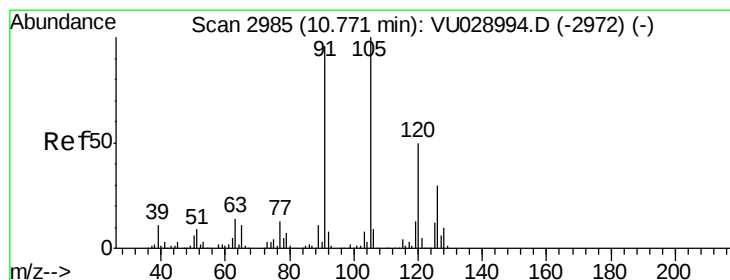
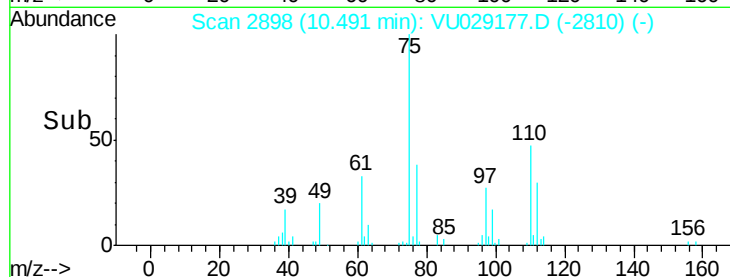
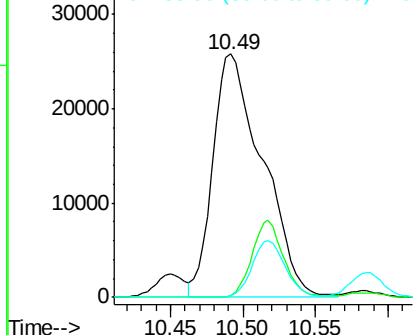
#81
trans-1,4-Dichloro-2-butene
Concen: 75.795 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

Tot Ion: 75 Resp: 61589
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

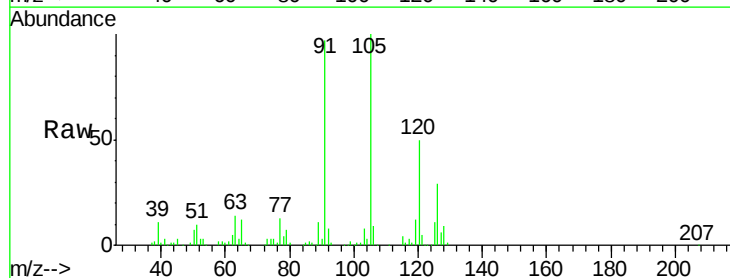


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

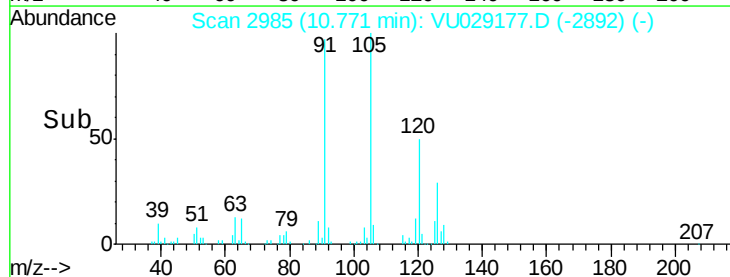
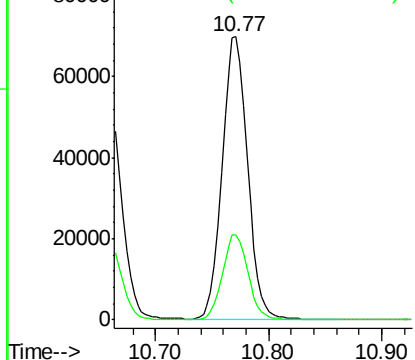


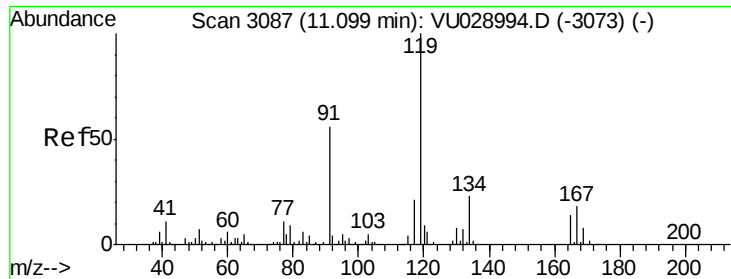
#82
4-Chlorotoluene
Concen: 20.983 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion: 91 Resp: 108894
Ion Ratio Lower Upper
91 100
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

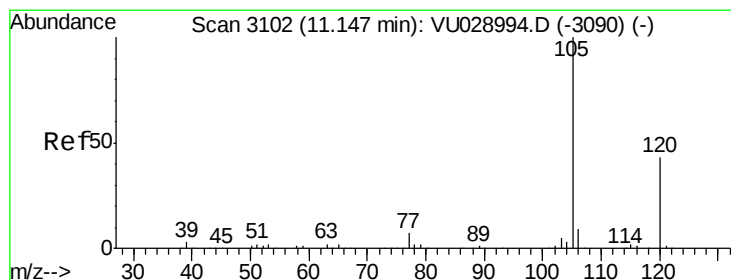
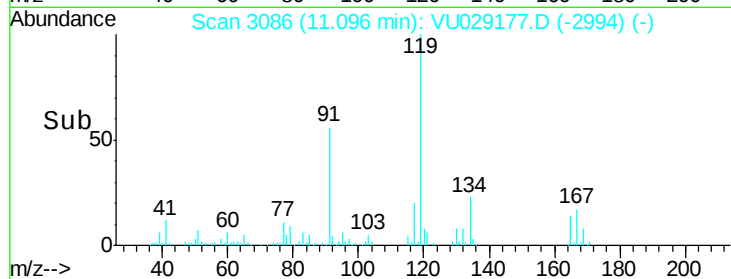
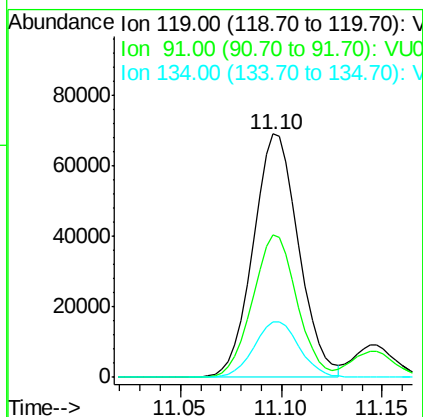
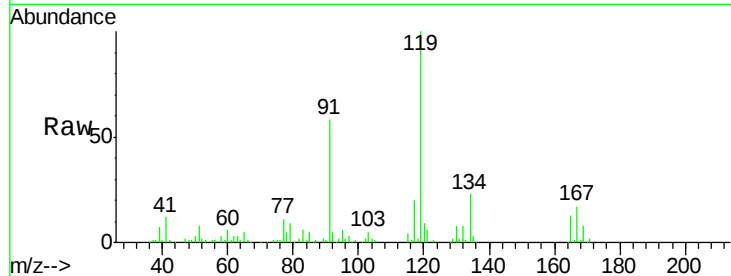




#83
tert-Butylbenzene
Concen: 20.920 ug/l
RT: 11.10 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

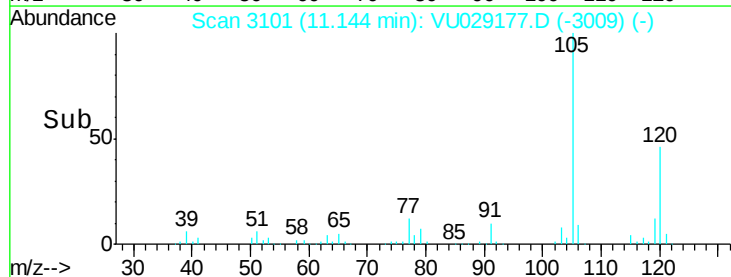
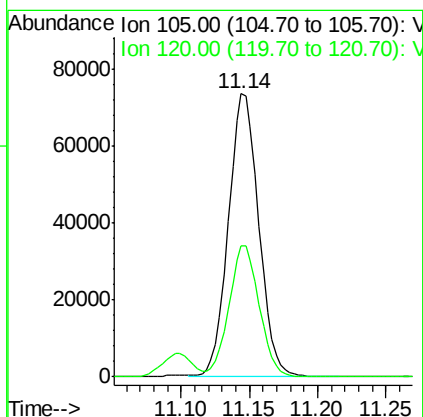
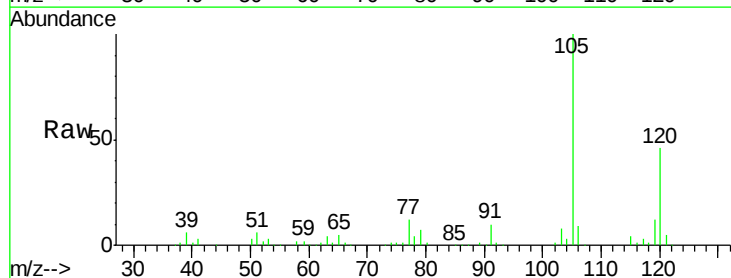
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

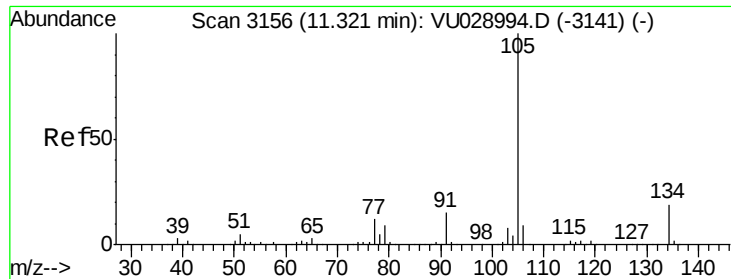
Tot Ion:119 Resp: 109012
Ion Ratio Lower Upper
119 100
91 57.0 28.2 84.6
134 22.7 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 21.394 ug/l
RT: 11.14 min Scan# 3101
Delta R.T. -0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion:105 Resp: 112923
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.3





#85

sec-Butylbenzene

Concen: 21.949 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

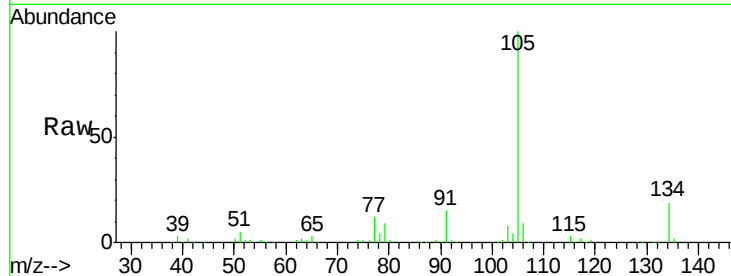
VU0115WBSD01

Tot Ion:105 Resp: 138319

Ion Ratio Lower Upper

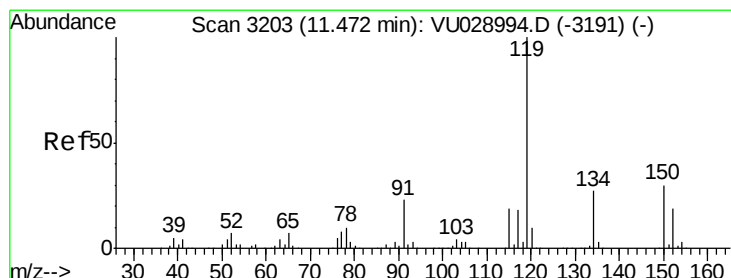
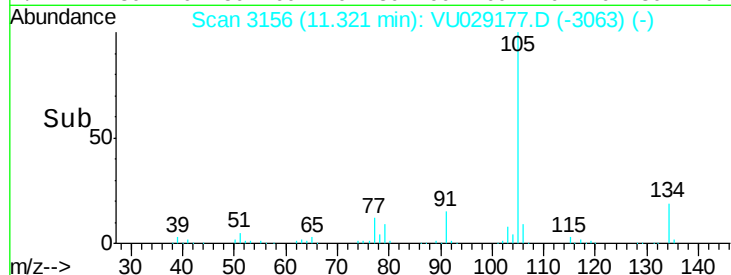
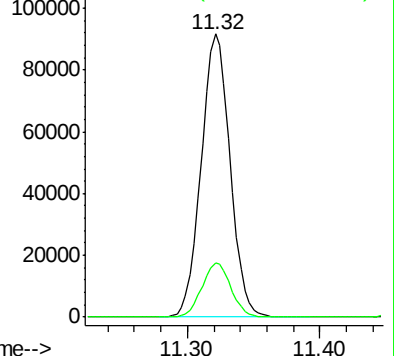
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.679 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

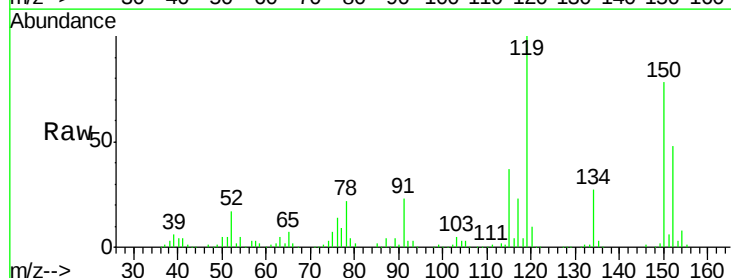
Tgt Ion:119 Resp: 116419

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

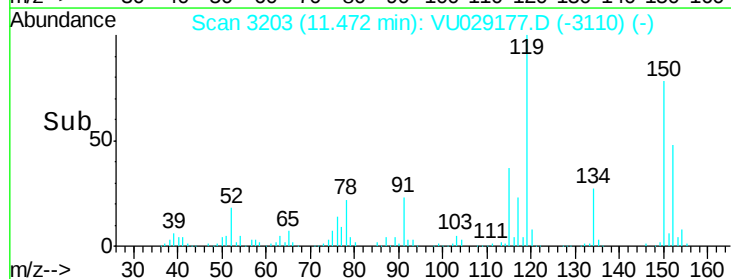
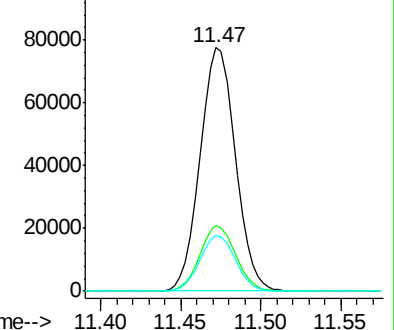
91 23.2 11.3 33.8

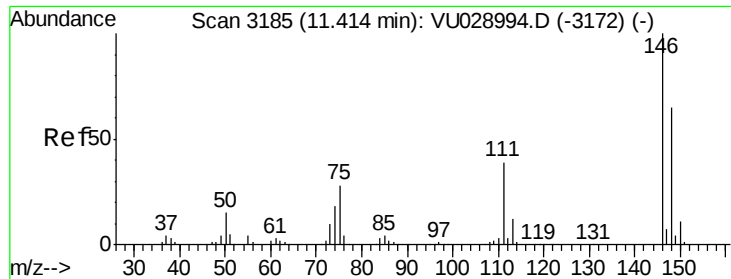


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

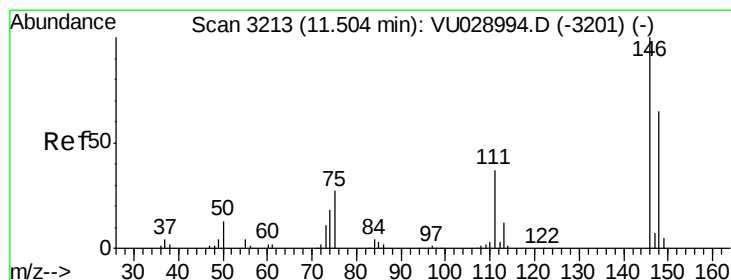
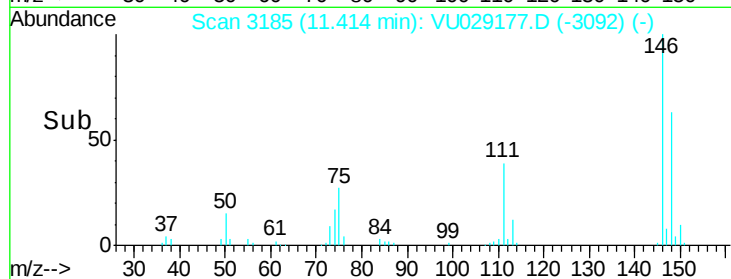
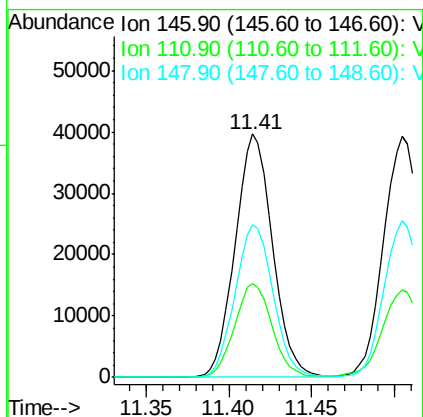
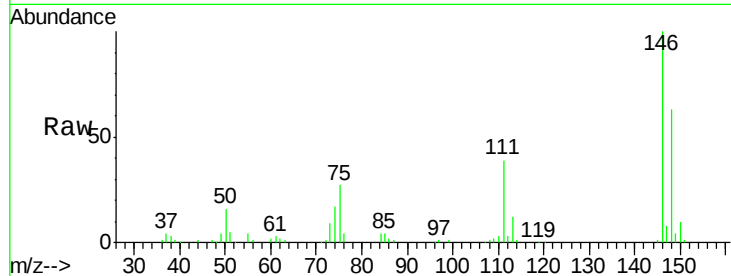




#87
 1,3-Dichlorobenzene
 Concen: 20.588 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

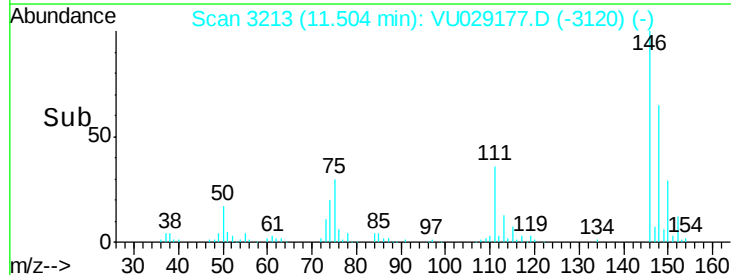
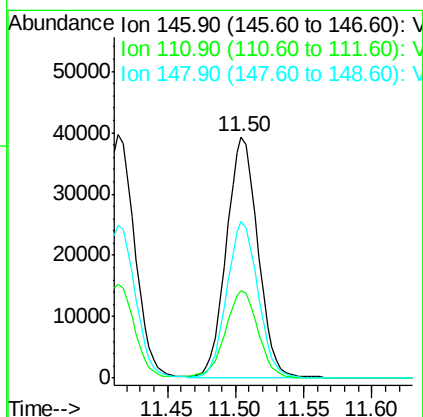
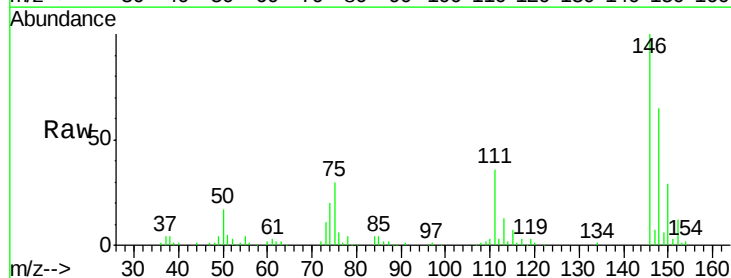
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

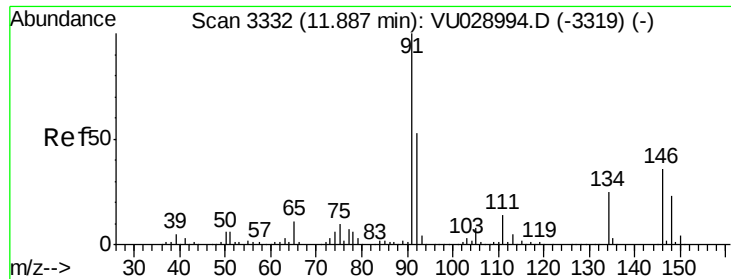
Tot Ion:146 Resp: 62302
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 63.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 20.310 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion:146 Resp: 63442
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.3
 148 64.2 32.6 98.0

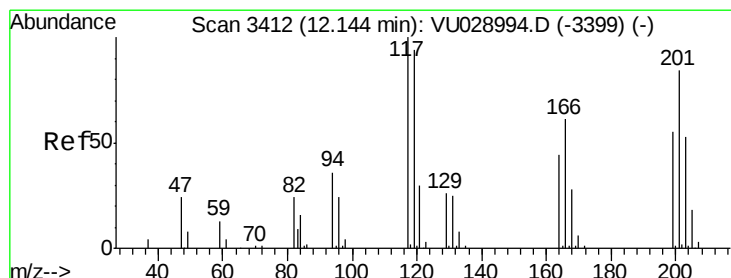
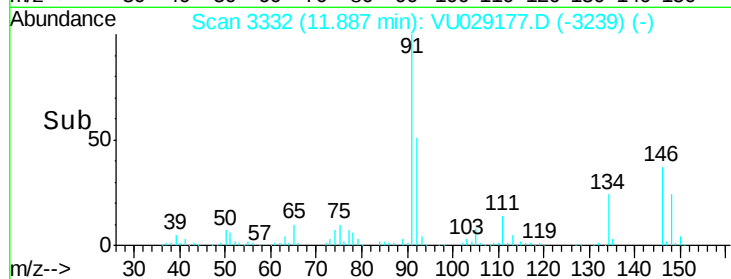
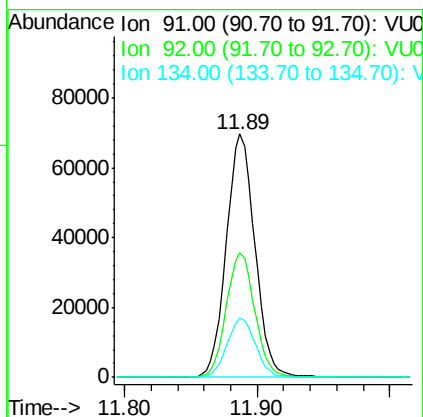
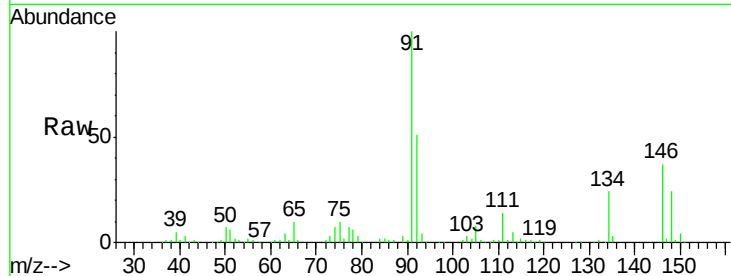




#89
n-Butylbenzene
Concen: 21.828 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

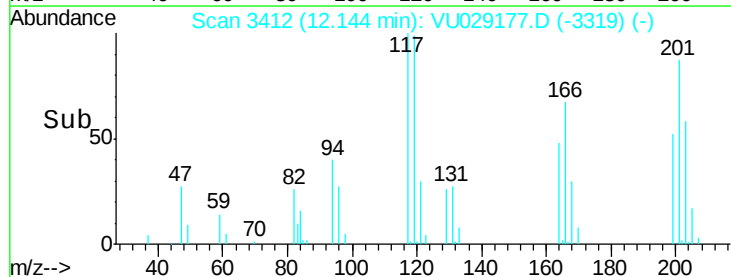
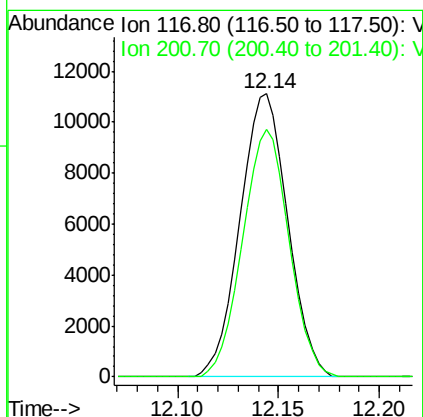
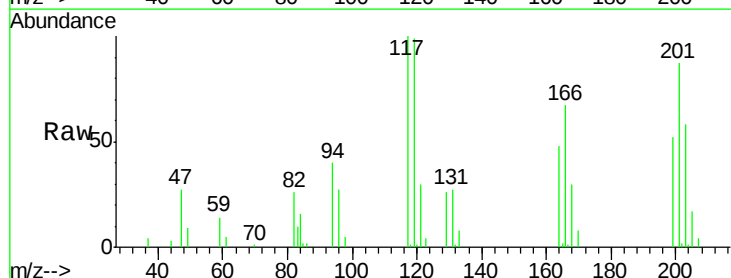
Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

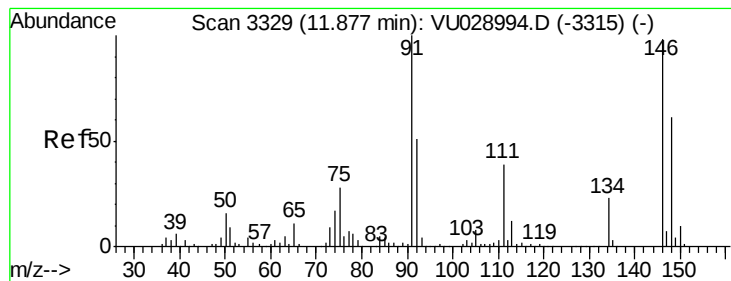
Tot Ion: 91 Resp: 104621
Ion Ratio Lower Upper
91 100
92 51.0 26.2 78.5
134 24.5 12.6 37.6



#90
Hexachloroethane
Concen: 20.378 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion: 117 Resp: 18409
Ion Ratio Lower Upper
117 100
201 85.0 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 20.525 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

VU0115WBSD01

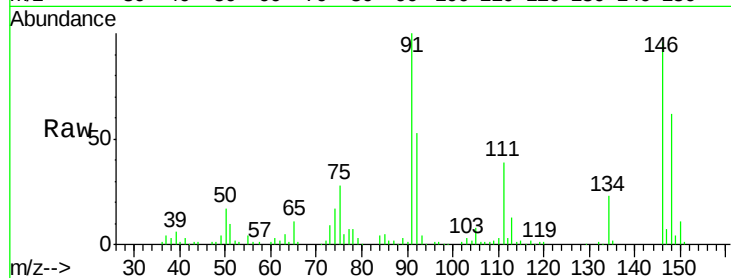
Tot Ion:146 Resp: 62560

Ion Ratio Lower Upper

146 100

111 39.8 20.0 59.9

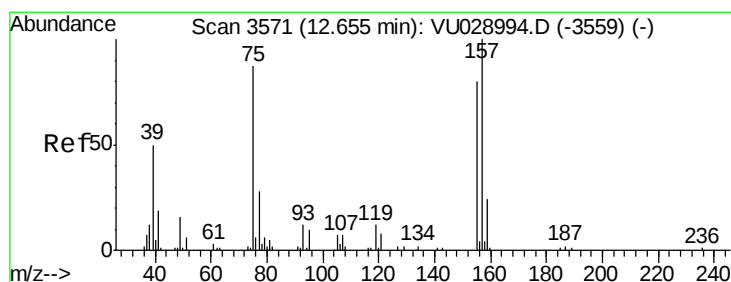
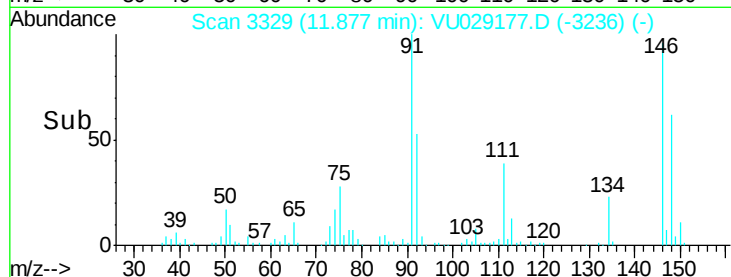
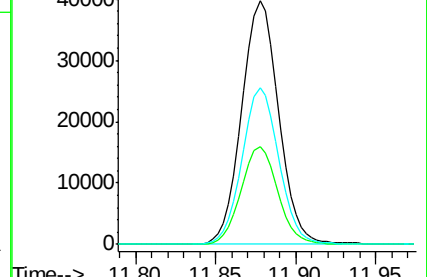
148 63.9 31.6 94.8



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: 23.255 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.00 min

Lab File: VU029177.D

Acq: 15 Jan 2019 11:53

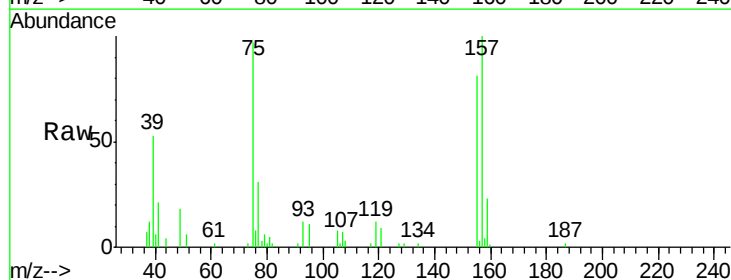
Tgt Ion: 75 Resp: 11349

Ion Ratio Lower Upper

75 100

155 87.9 46.3 138.8

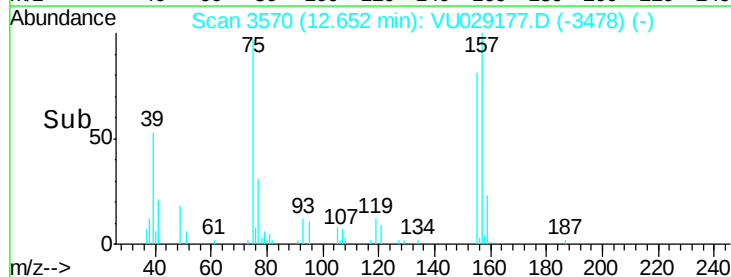
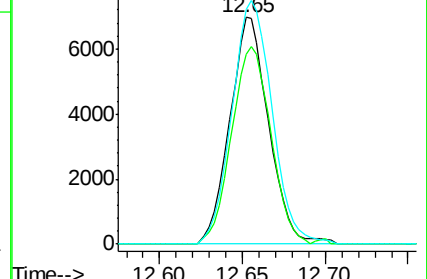
157 111.2 57.4 172.0



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

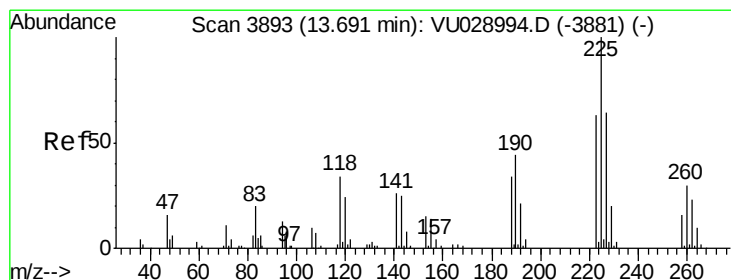
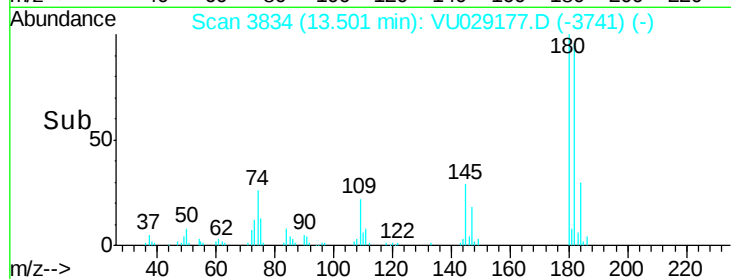
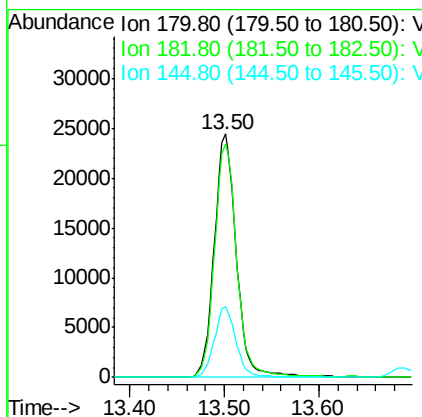
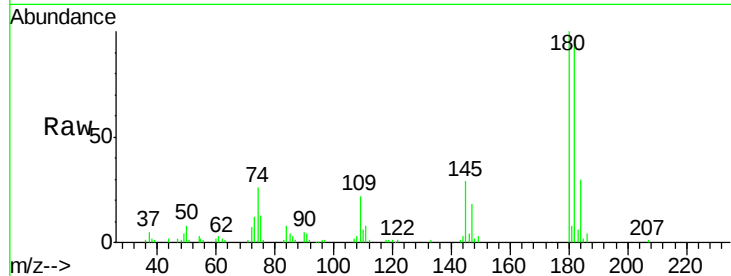




#93
 1,2,4-Trichlorobenzene
 Concen: 20.358 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

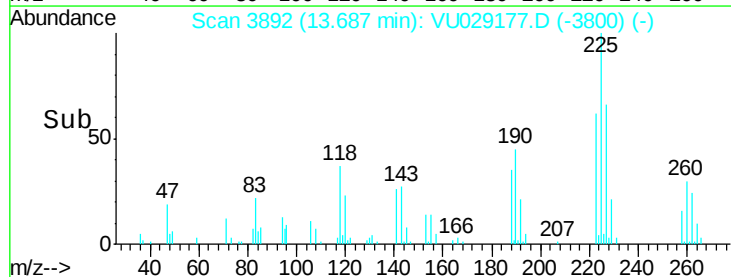
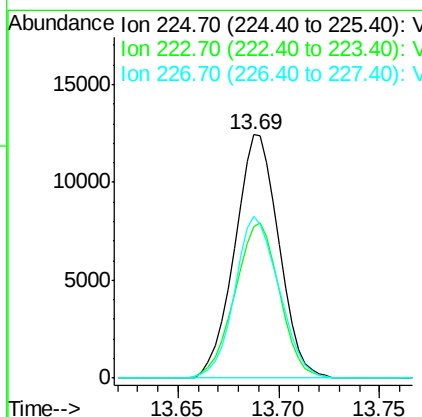
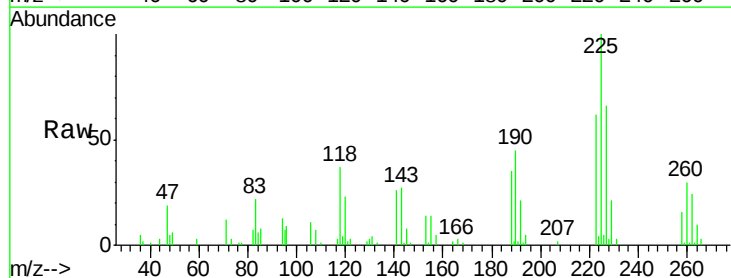
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBSD01

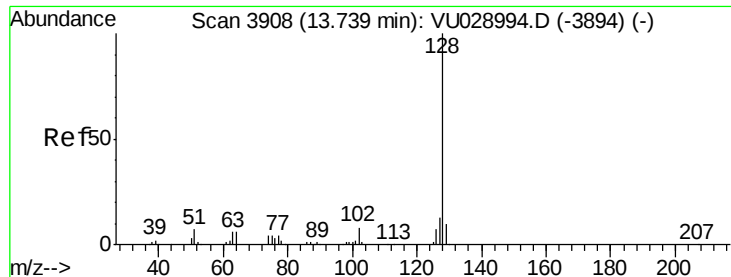
Tot Ion:180 Resp: 39611
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.5 142.6
 145 28.0 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 21.456 ug/l
 RT: 13.69 min Scan# 3892
 Delta R.T. -0.00 min
 Lab File: VU029177.D
 Acq: 15 Jan 2019 11:53

Tgt Ion:225 Resp: 19095
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.4 94.0
 227 66.3 31.9 95.5

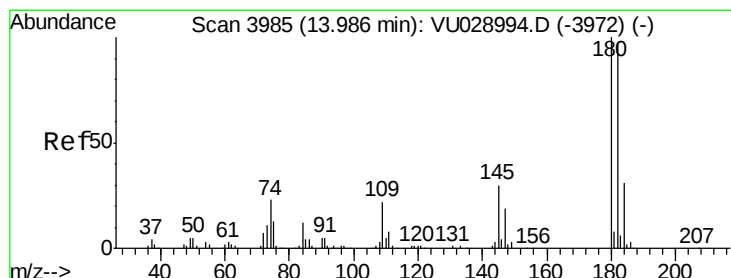
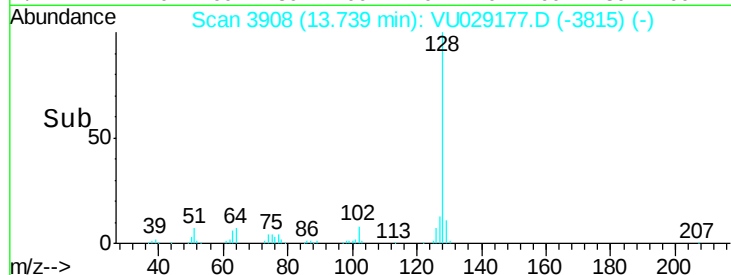
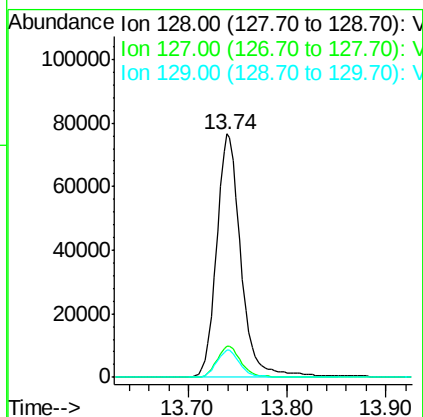
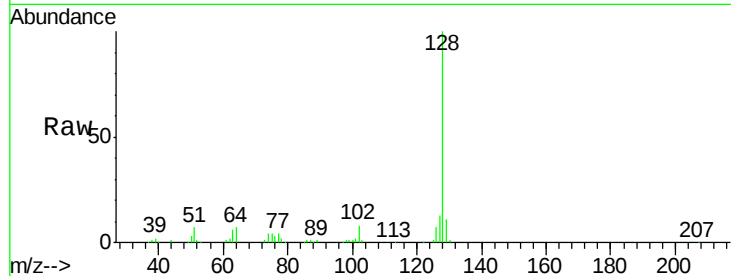




#95
Naphthalene
Concen: 20.059 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. 0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Instrument :
MSVOA_U
ClientSampleId :
VU0115WBSD01

Tot Ion:128 Resp: 132770
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 20.887 ug/l
RT: 13.98 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VU029177.D
Acq: 15 Jan 2019 11:53

Tgt Ion:180 Resp: 40918
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.3
145 30.2 14.8 44.4

