

Data File : VU027067.D
Acq On : 23 Sep 2018 13:23
Operator : MD/SY
Sample : VU0923WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 109 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

Quant Time: Sep 24 07:13:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	144610	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	138812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	91437	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
35) Dibromofluoromethane	4.88	113	63648	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	7.57	98	249561	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	10.31	95	86021	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20055	18.165	ug/l	98
3) Chloromethane	1.33	50	34193	17.963	ug/l	99
4) Vinyl Chloride	1.40	62	32340	18.201	ug/l	99
5) Bromomethane	1.62	94	16851	16.654	ug/l	97
6) Chloroethane	1.70	64	21971	19.353	ug/l	99
7) Trichlorofluoromethane	1.88	101	37449	18.557	ug/l	98
8) Diethyl Ether	2.10	74	18550	19.097	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	22615	18.226	ug/l	99
10) Methyl Iodide	2.41	142	18074	11.745	ug/l	99
11) Tert butyl alcohol	2.82	59	38761	99.364	ug/l	99
12) 1,1-Dichloroethene	2.28	96	21521	18.427	ug/l	98
13) Acrolein	2.19	56	19830	94.301	ug/l	98
14) Allyl chloride	2.59	41	49317	20.820	ug/l	95
15) Acrylonitrile	2.93	53	98410	100.094	ug/l	99
16) Acetone	2.32	43	99068	99.603	ug/l	99
17) Carbon Disulfide	2.48	76	70479	18.525	ug/l	99
18) Methyl Acetate	2.61	43	51258	21.160	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	87095	20.294	ug/l	100
20) Methylene Chloride	2.70	84	28094	18.432	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	24126	19.348	ug/l	95
22) Diisopropyl ether	3.57	45	109726	21.657	ug/l	97
23) Vinyl Acetate	3.52	43	461487	106.853	ug/l	99
24) 1,1-Dichloroethane	3.45	63	55652	19.943	ug/l	100
25) 2-Butanone	4.26	43	143402	100.263	ug/l	98
26) 2,2-Dichloropropane	4.23	77	44021	20.228	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	28179	20.011	ug/l	98
28) Bromochloromethane	4.55	49	31745	23.600	ug/l	95
29) Tetrahydrofuran	4.64	42	91198	105.405	ug/l	97
30) Chloroform	4.67	83	50402	19.458	ug/l	99
31) Cyclohexane	5.00	56	51543	19.974	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	41306	19.973	ug/l	100
36) 1,1-Dichloropropene	5.14	75	37845	19.609	ug/l	97
37) Ethyl Acetate	4.38	43	51557	19.733	ug/l	98
38) Carbon Tetrachloride	5.13	117	34185	18.613	ug/l	95

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	41573	19.822	ug/l	95
40) Benzene	5.39	78	113415	19.331	ug/l	98
41) Methacrylonitrile	4.54	41	28642	21.109	ug/l	98
42) 1,2-Dichloroethane	5.40	62	44206	19.942	ug/l	99
43) Isopropyl Acetate	5.55	43	78665	20.645	ug/l	98
44) Trichloroethene	6.19	130	24207	19.380	ug/l	96
45) 1,2-Dichloropropane	6.43	63	33799	20.218	ug/l	96
46) Dibromomethane	6.56	93	19559	19.372	ug/l	96
47) Bromodichloromethane	6.76	83	39043	19.124	ug/l	99
48) Methyl methacrylate	6.62	41	39108	19.488	ug/l	97
49) 1,4-Dioxane	6.61	88	14168	342.864	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	265940	103.775	ug/l	99
52) Toluene	7.64	92	66864	19.882	ug/l	96
53) t-1,3-Dichloropropene	7.88	75	45004	20.517	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	48021	19.911	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	27318	19.170	ug/l	99
56) Ethyl methacrylate	8.02	69	43940	19.185	ug/l	98
57) 1,3-Dichloropropane	8.24	76	52923	19.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	135515	99.559	ug/l	98
59) 2-Hexanone	8.36	43	204307	101.849	ug/l	99
60) Dibromochloromethane	8.48	129	26801	19.174	ug/l	97
61) 1,2-Dibromoethane	8.59	107	27880	18.804	ug/l	98
64) Tetrachloroethene	8.23	164	20393	19.065	ug/l	96
65) Chlorobenzene	9.12	112	69809	18.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	24590	19.397	ug/l	100
67) Ethyl Benzene	9.25	91	121081	20.006	ug/l	100
68) m/p-Xylenes	9.38	106	90887	38.024	ug/l	99
69) o-Xylene	9.78	106	44328	20.671	ug/l	100
70) Styrene	9.79	104	71630	19.052	ug/l	100
71) Bromoform	9.96	173	19015	19.396	ug/l #	97
73) Isopropylbenzene	10.17	105	118509	21.745	ug/l	99
74) N-amyl acetate	10.02	43	66721	21.150	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	48912	19.520	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	57784	26.548	ug/l	84
77) Bromobenzene	10.45	156	26507	19.903	ug/l	94
78) n-propylbenzene	10.59	91	140503	21.788	ug/l	99
79) 2-Chlorotoluene	10.66	91	87441	21.587	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	99292	22.070	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.49	75	57784	84.958	ug/l #	100
82) 4-Chlorotoluene	10.77	91	97870	21.549	ug/l	99
83) tert-Butylbenzene	11.10	119	92303	20.752	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	100851	22.027	ug/l	98
85) sec-Butylbenzene	11.32	105	116978	21.545	ug/l	99
86) p-Isopropyltoluene	11.48	119	97417	19.694	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	49243	19.869	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	50042	18.526	ug/l	98
89) n-Butylbenzene	11.89	91	86659	19.100	ug/l	99
90) Hexachloroethane	12.15	117	19231	19.478	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	49900	18.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10437	20.417	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092318\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	29376	19.363	ug/l	98
94) Hexachlorobutadiene	13.69	225	14955	18.630	ug/l	99
95) Naphthalene	13.74	128	104674	18.740	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	31835	19.568	ug/l	100

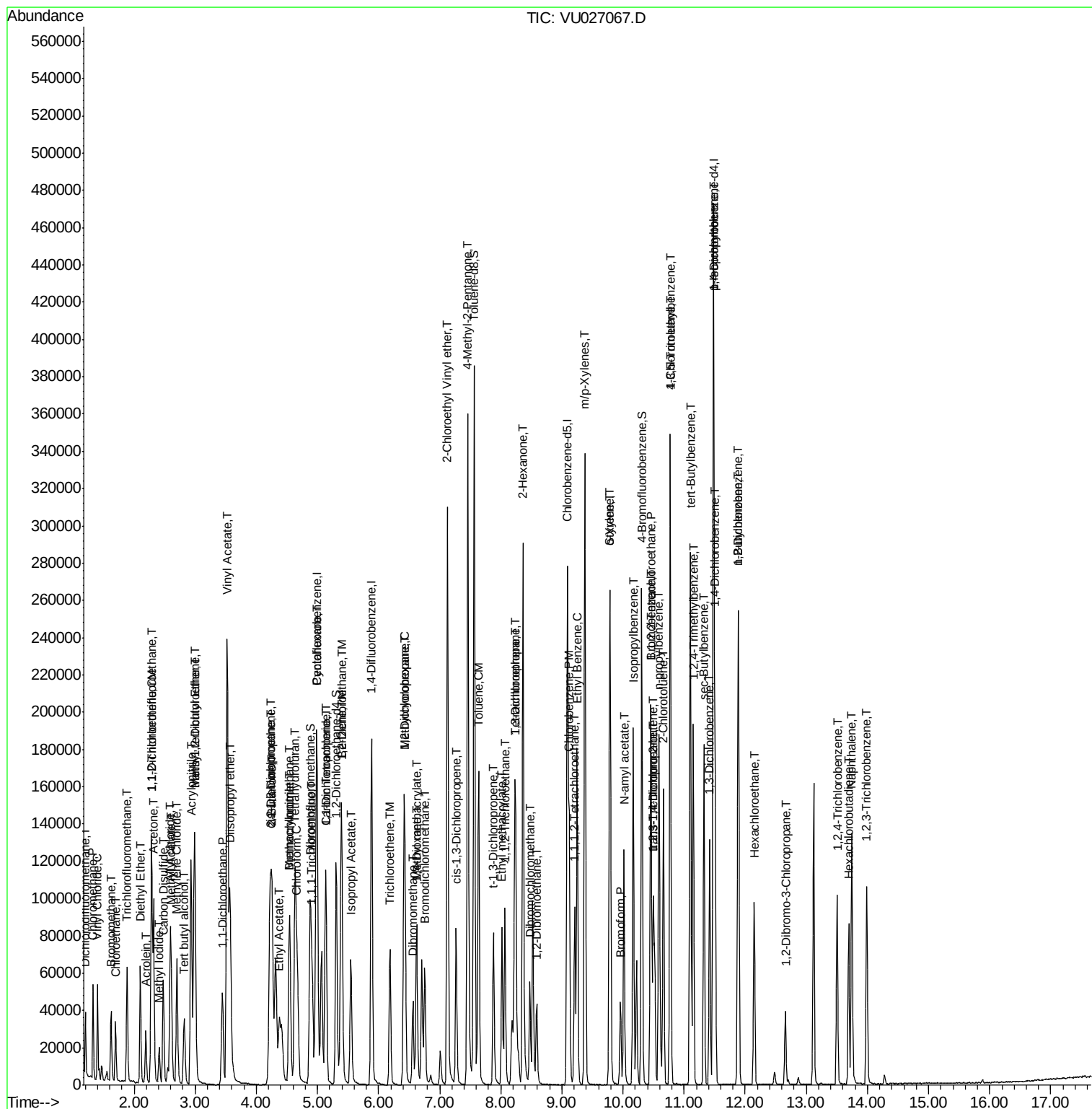
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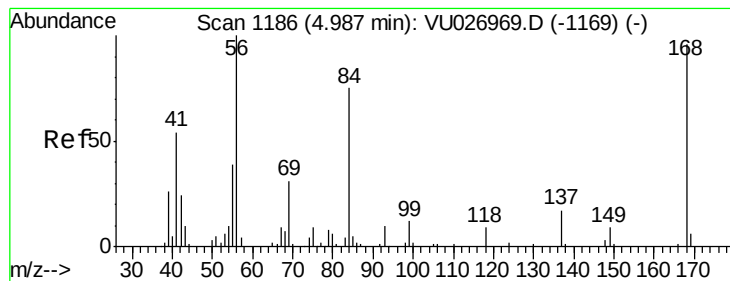
Data File : VU027067.D

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Acq On       : 23 Sep 2018   13:23
Operator    : MD/SY
Sample      : VU0923WBS02
Misc       : 5.0mL/MSVOA_U/WATER
ALS Vial    : 109   Sample Multiplier: 1
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Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

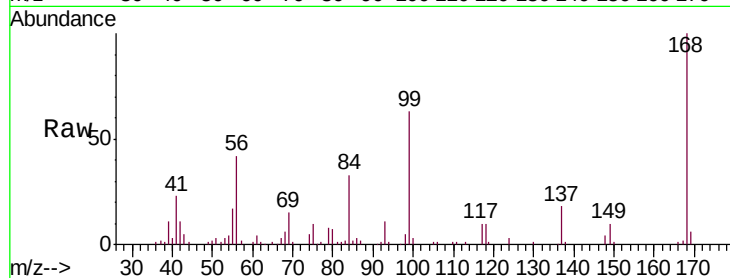
VU0923WBS02

Tgt Ion:168 Resp: 84560

Ion Ratio Lower Upper

168 100

99 62.5 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.98

40000

30000

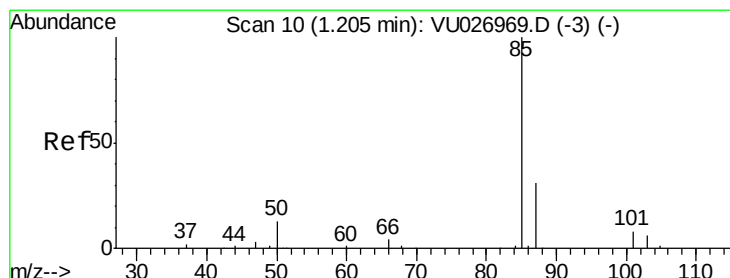
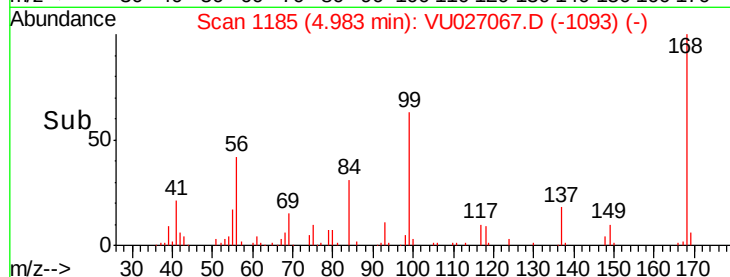
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.165 ug/l

RT: 1.20 min Scan# 9

Delta R.T. -0.00 min

Lab File: VU027067.D

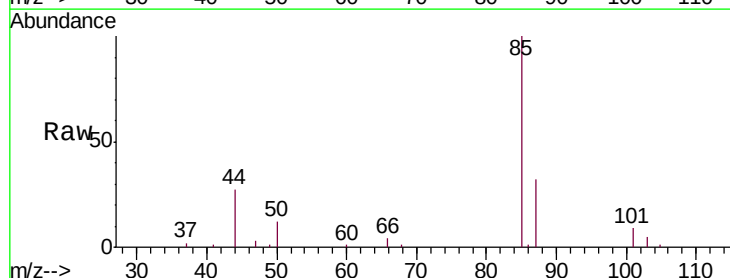
Acq: 23 Sep 2018 13:23

Tgt Ion: 85 Resp: 20055

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.20

20000

15000

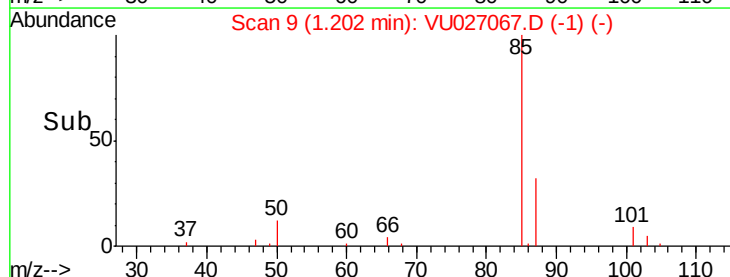
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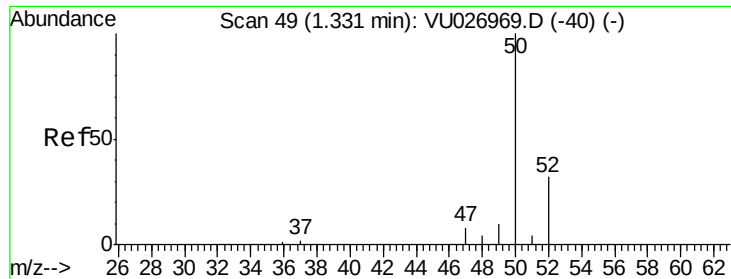
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.963 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

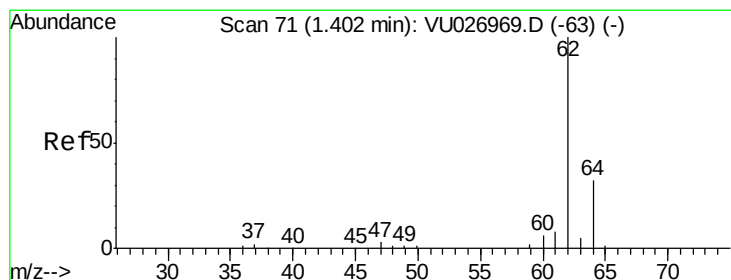
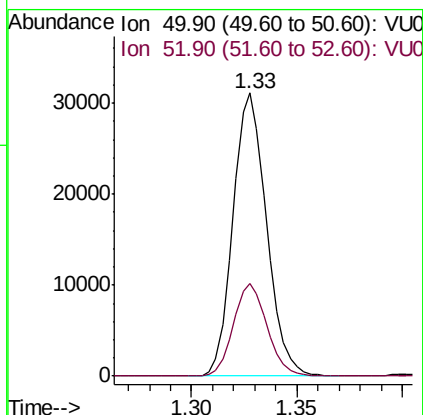
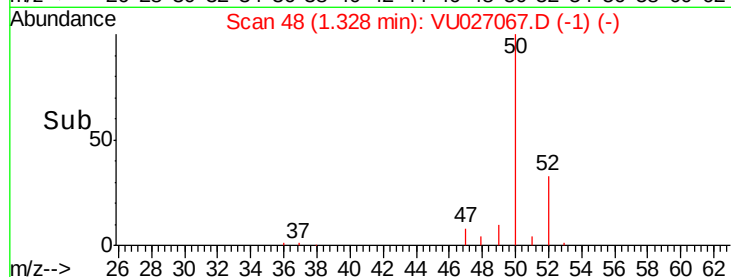
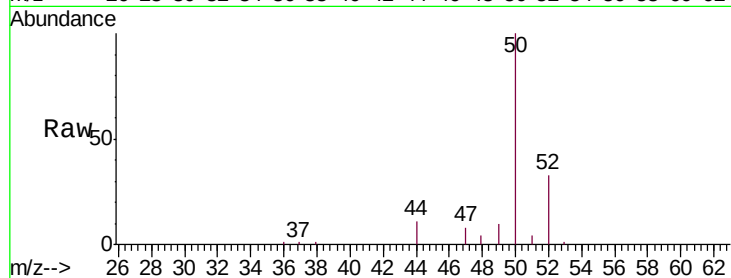
VU0923WBS02

Tgt Ion: 50 Resp: 34193

Ion Ratio Lower Upper

50 100

52 32.8 25.9 38.9



#4

Vinyl Chloride

Concen: 18.201 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027067.D

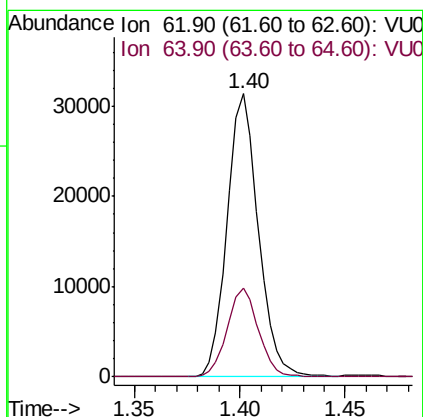
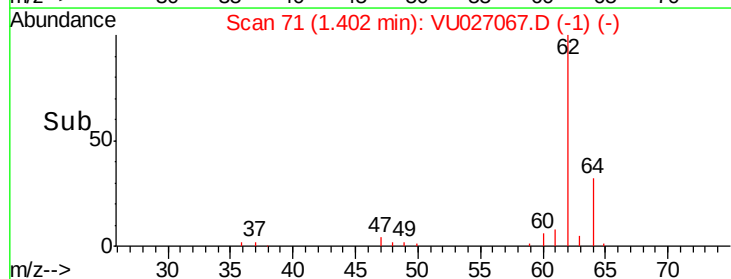
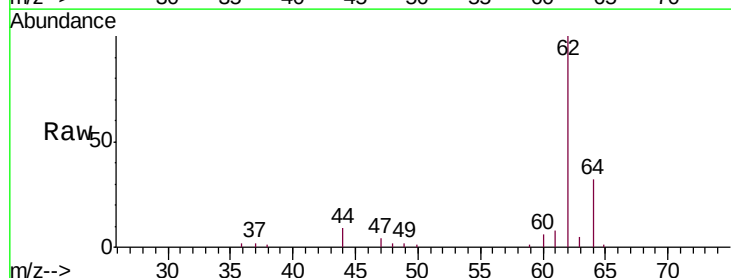
Acq: 23 Sep 2018 13:23

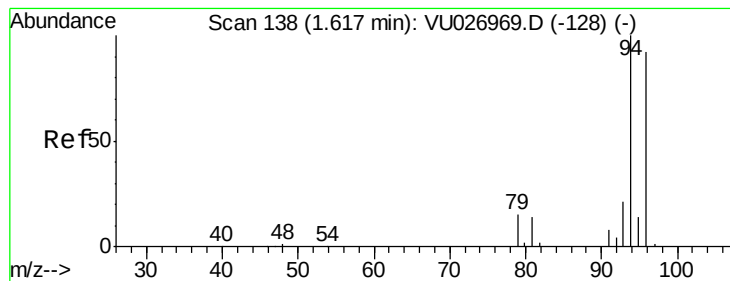
Tgt Ion: 62 Resp: 32340

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 16.654 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

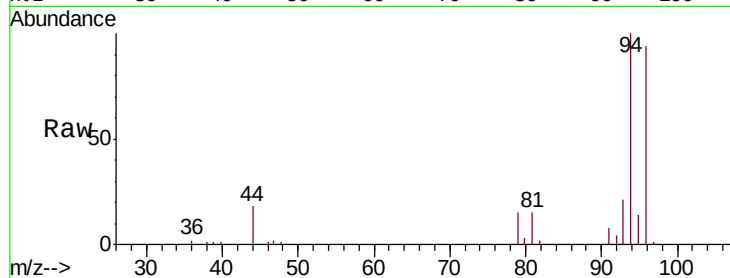
VU0923WBS02

Tgt Ion: 94 Resp: 16851

Ion Ratio Lower Upper

94 100

96 94.5 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU027067.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VU027067.D (-145) (-)

1.62

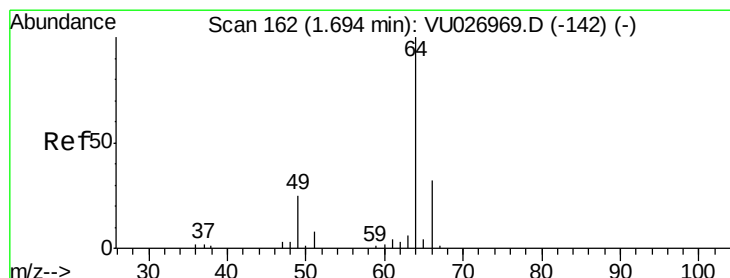
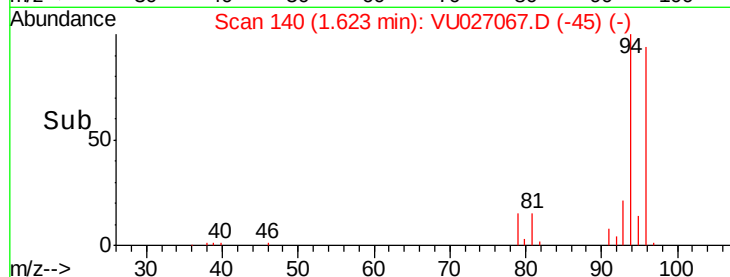
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.353 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027067.D

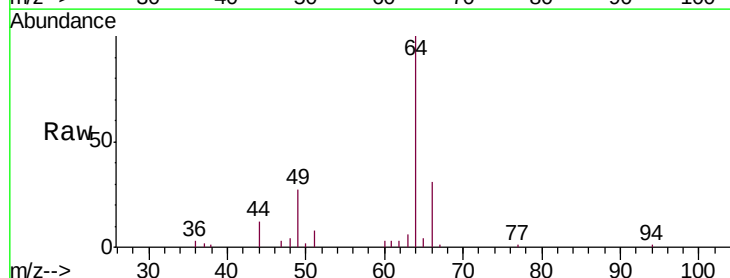
Acq: 23 Sep 2018 13:23

Tgt Ion: 64 Resp: 21971

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU027067.D (-69) (-)

Ion 65.90 (65.60 to 66.60): VU027067.D (-69) (-)

1.70

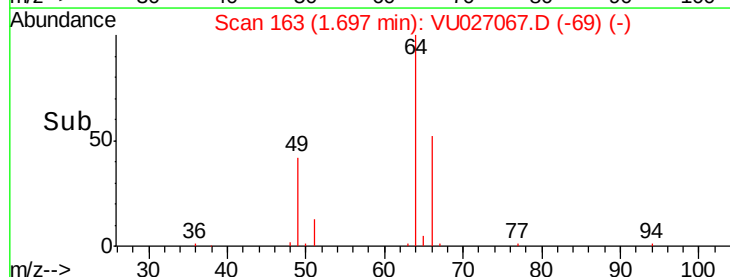
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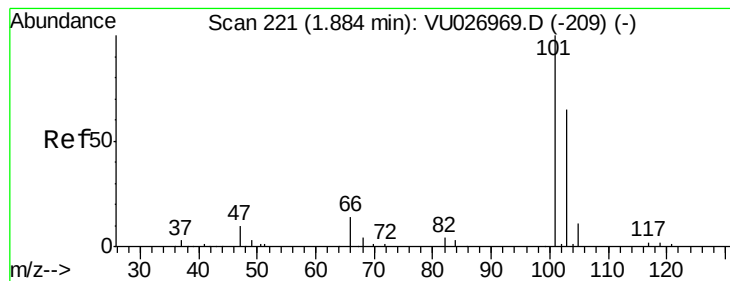
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5000

0

Time-->



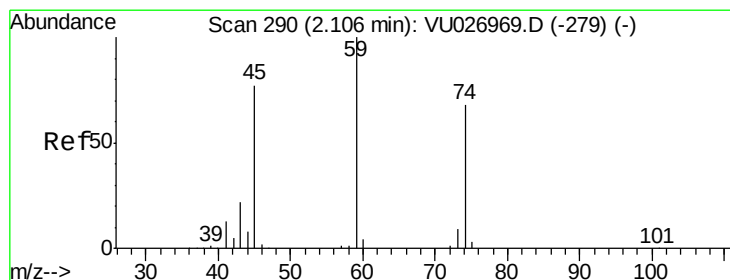
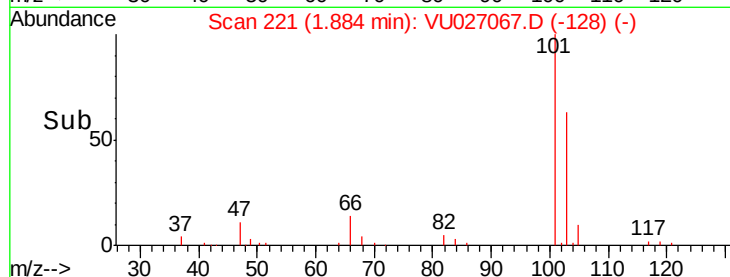
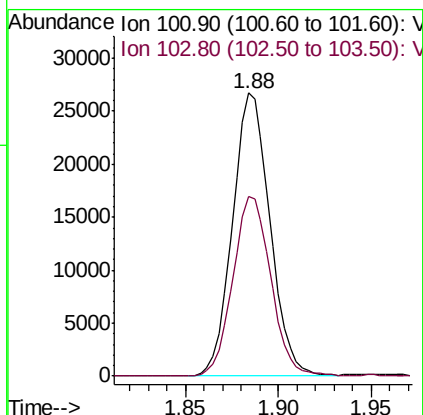
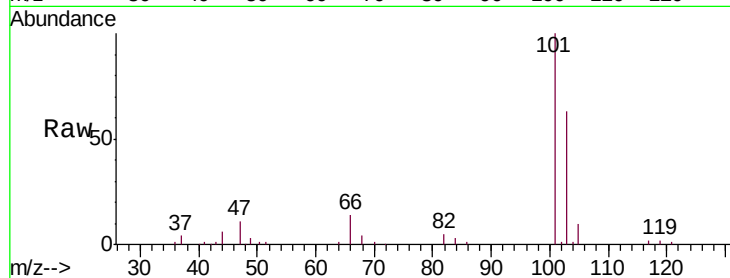


#7

Trichlorofluoromethane
 Concen: 18.557 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

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 VU0923WBS02

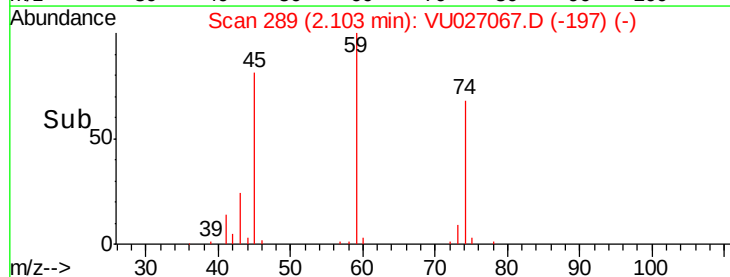
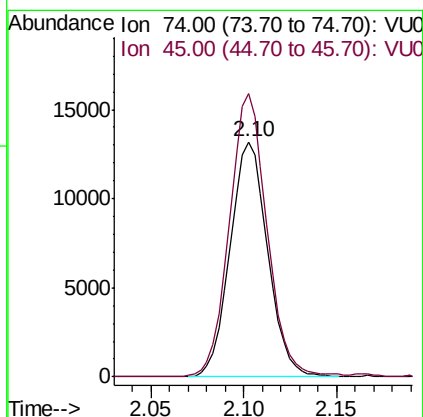
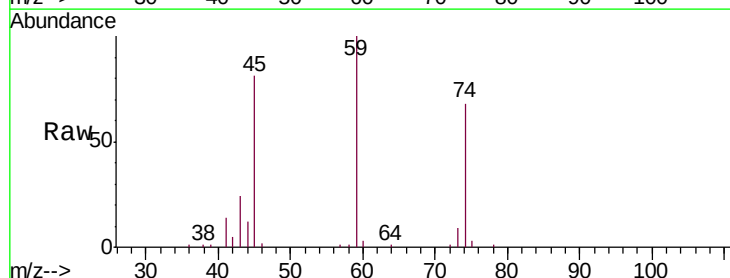
Tgt Ion:101 Resp: 37449
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.2 78.2

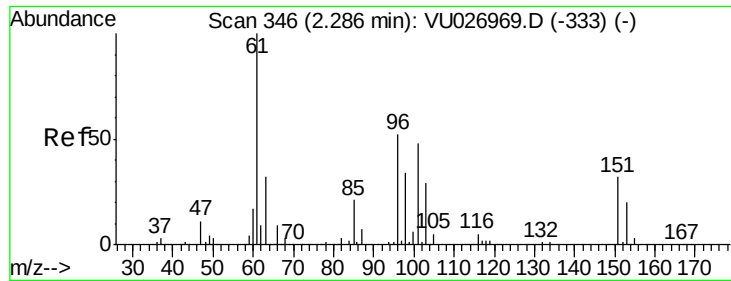


#8

Diethyl Ether
 Concen: 19.097 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion: 74 Resp: 18550
 Ion Ratio Lower Upper
 74 100
 45 121.0 56.9 170.7

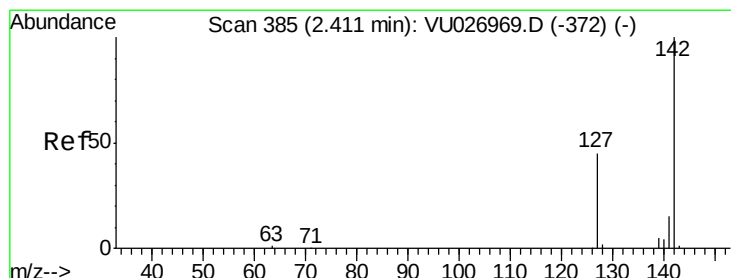
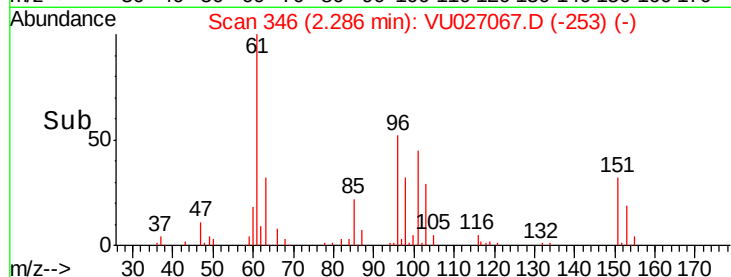
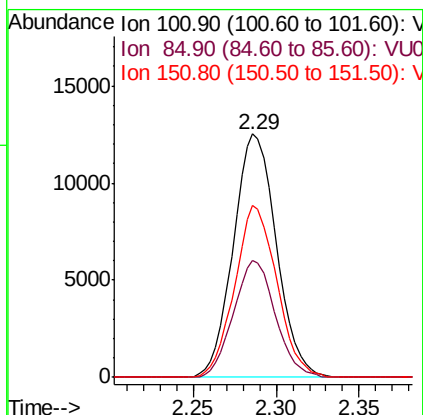
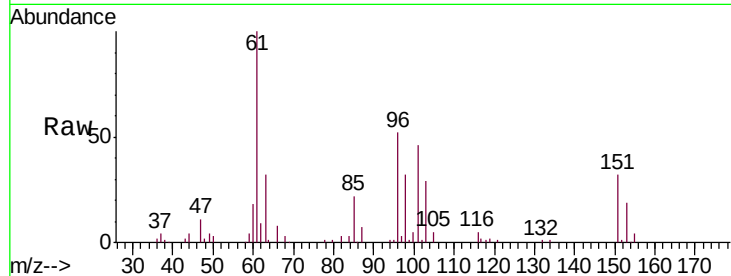




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.226 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

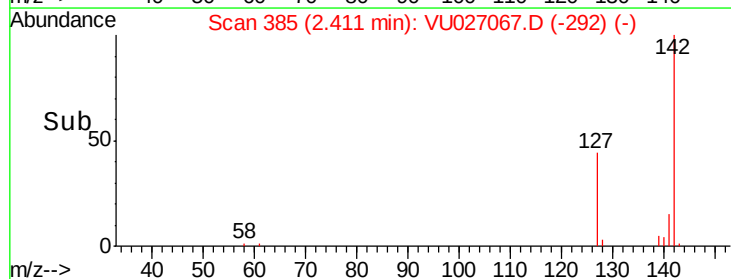
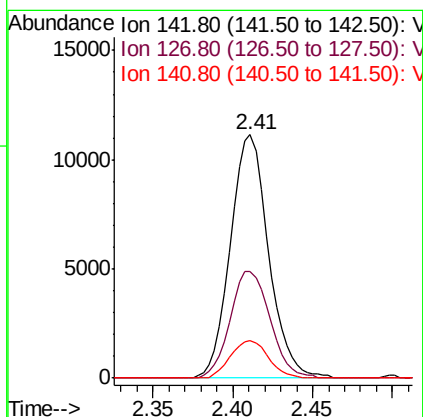
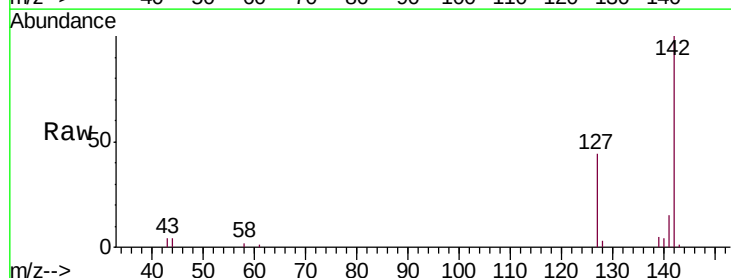
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

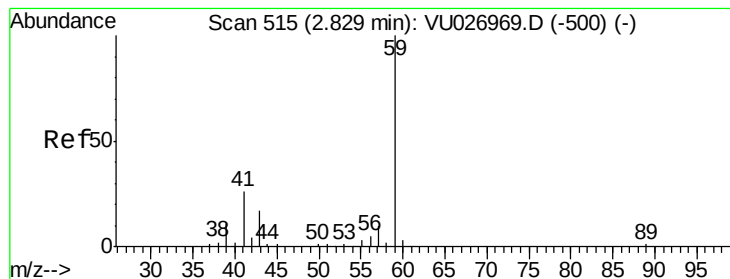
Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.5	36.2	54.2
151	69.0	54.5	81.7



#10
 Methyl Iodide
 Concen: 11.745 ug/l
 RT: 2.41 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.8	36.7	55.1
141	15.4	11.8	17.6





#11

Tert butyl alcohol

Concen: 99.364 ug/l

RT: 2.82 min Scan# 512

Delta R.T. -0.01 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

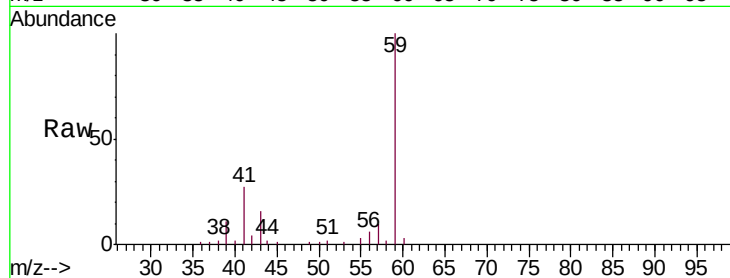
VU0923WBS02

Tgt Ion: 59 Resp: 38761

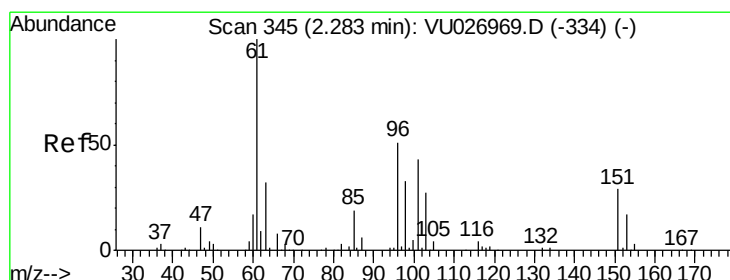
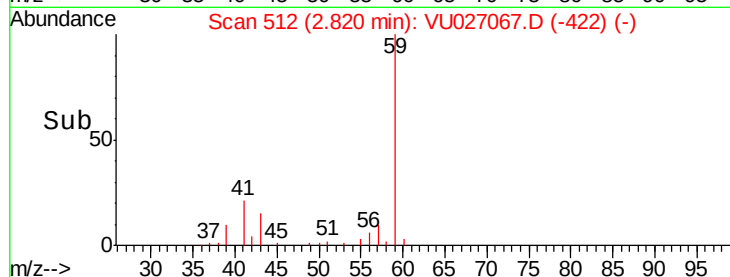
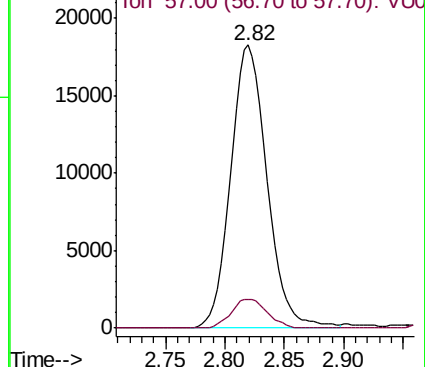
Ion Ratio Lower Upper

59 100

57 10.0 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)



#12

1,1-Dichloroethene

Concen: 18.427 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

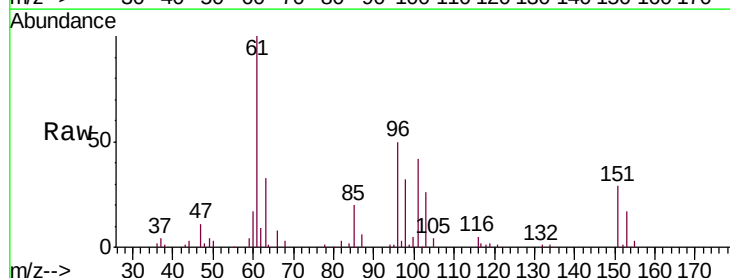
Tgt Ion: 96 Resp: 21521

Ion Ratio Lower Upper

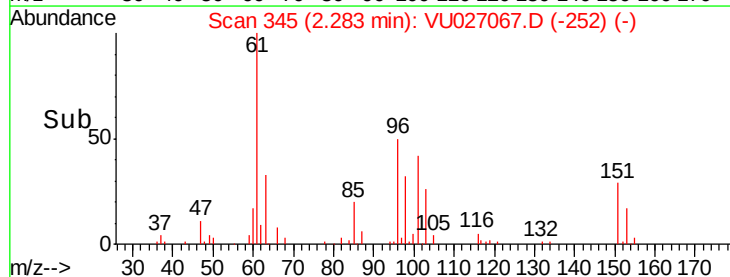
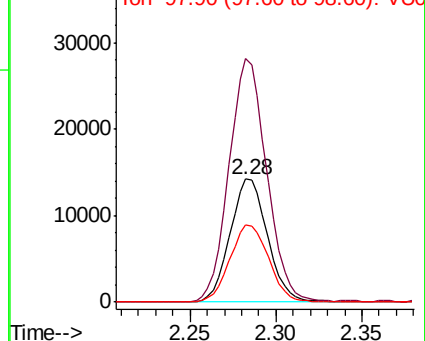
96 100

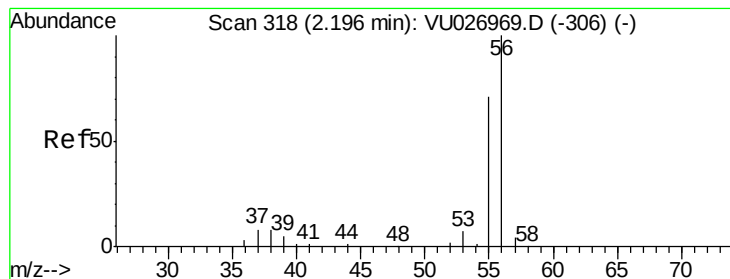
61 198.4 156.1 234.1

98 62.9 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VU026969.D (-334) (-)





#13

Acrolein

Concen: 94.301 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

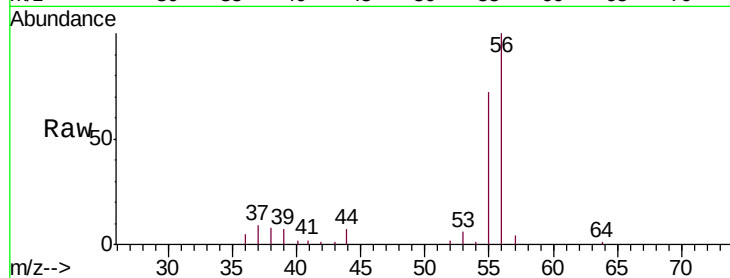
VU0923WBS02

Tgt Ion: 56 Resp: 19830

Ion Ratio Lower Upper

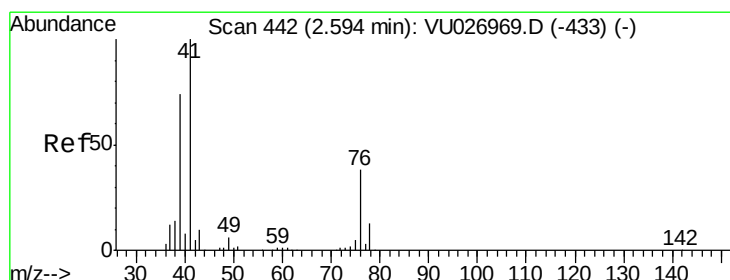
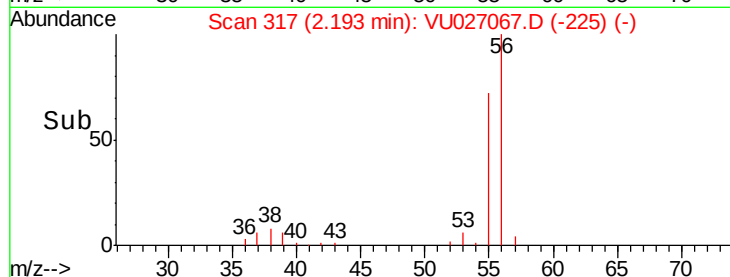
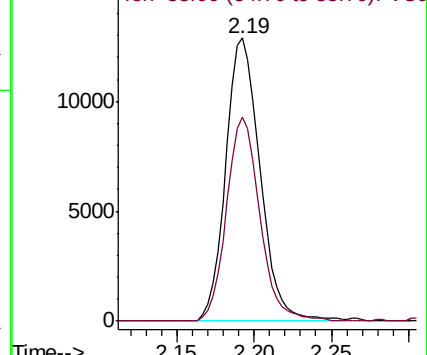
56 100

55 69.9 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 20.820 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

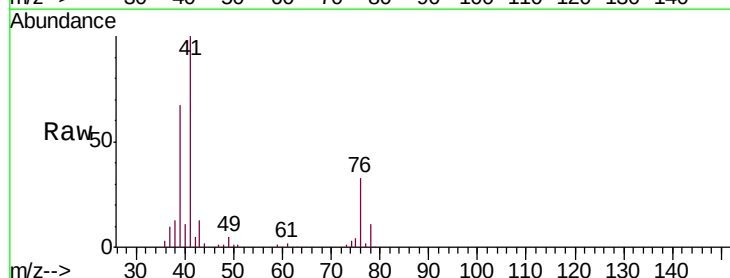
Tgt Ion: 41 Resp: 49317

Ion Ratio Lower Upper

41 100

39 64.3 55.7 83.5

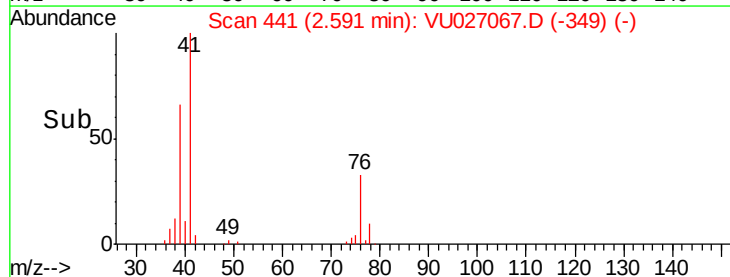
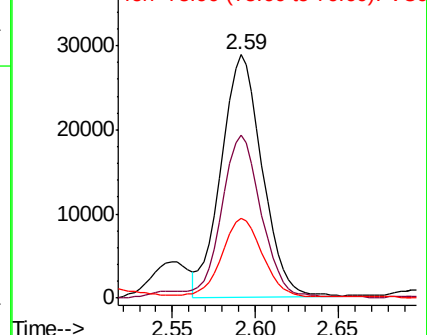
76 32.6 26.5 39.7

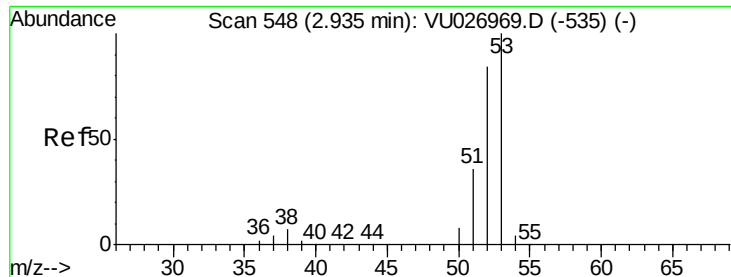


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 100.094 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

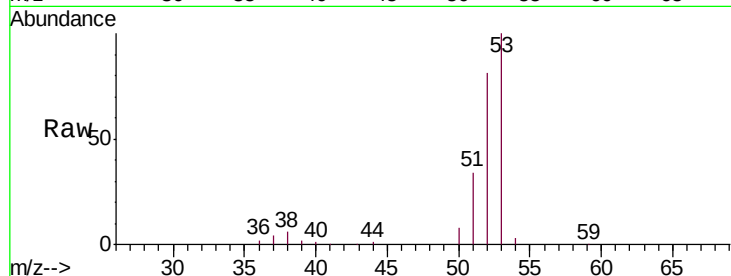
Tgt Ion: 53 Resp: 98410

Ion Ratio Lower Upper

53 100

52 82.6 65.7 98.5

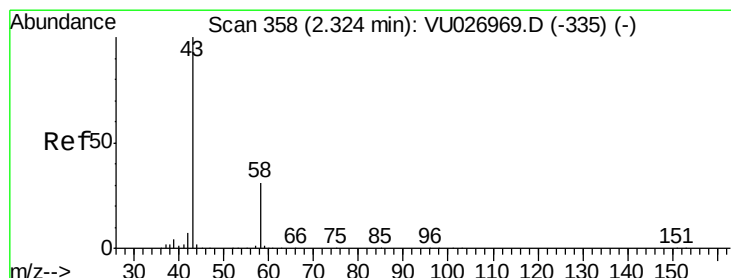
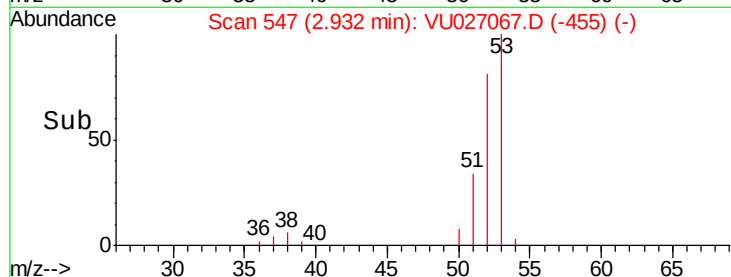
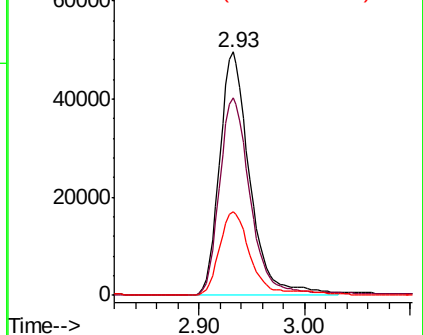
51 36.1 27.4 41.2



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: 99.603 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.01 min

Lab File: VU027067.D

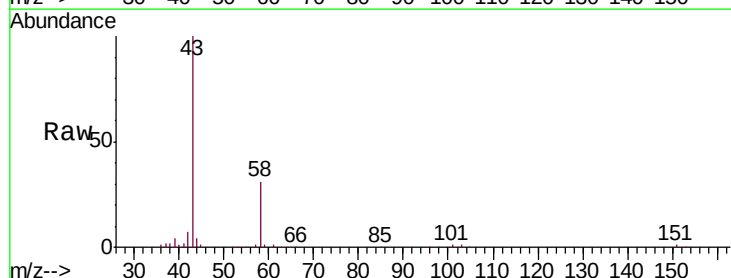
Acq: 23 Sep 2018 13:23

Tgt Ion: 43 Resp: 99068

Ion Ratio Lower Upper

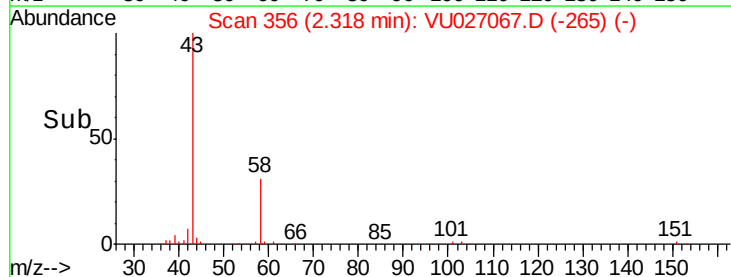
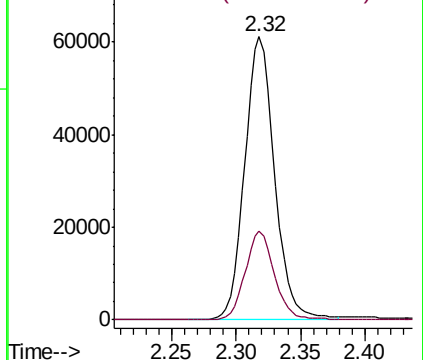
43 100

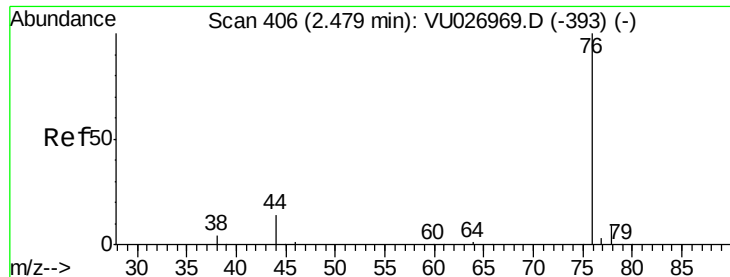
58 31.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

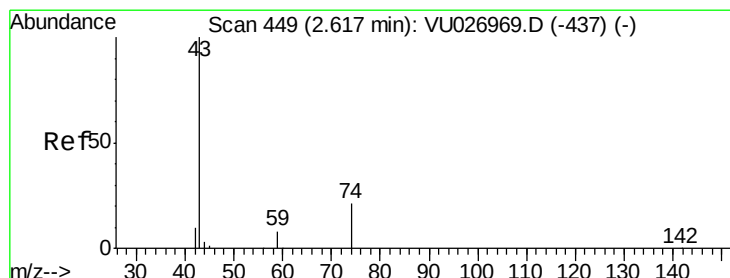
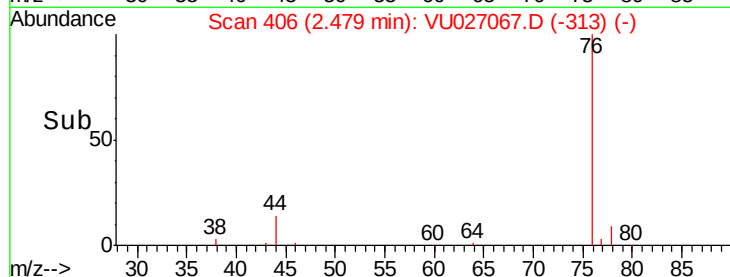
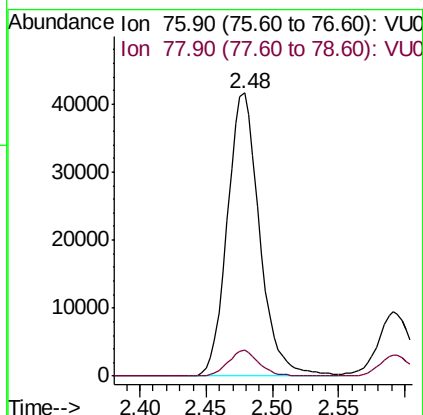
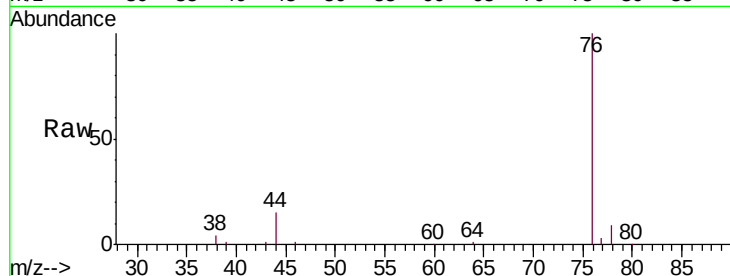




#17
Carbon Disulfide
Concen: 18.525 ug/l
RT: 2.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

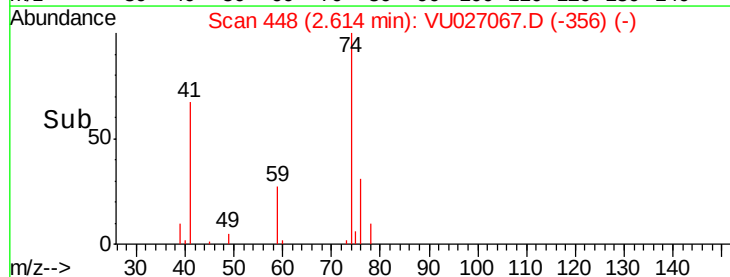
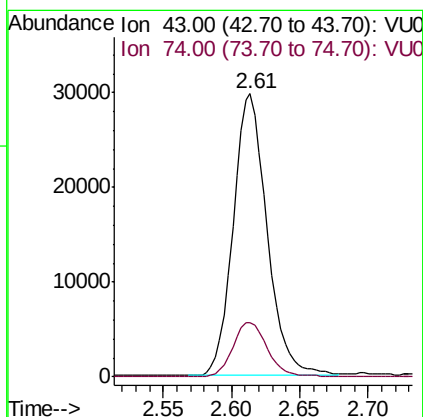
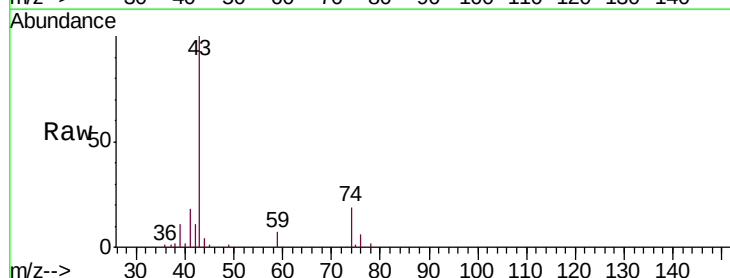
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

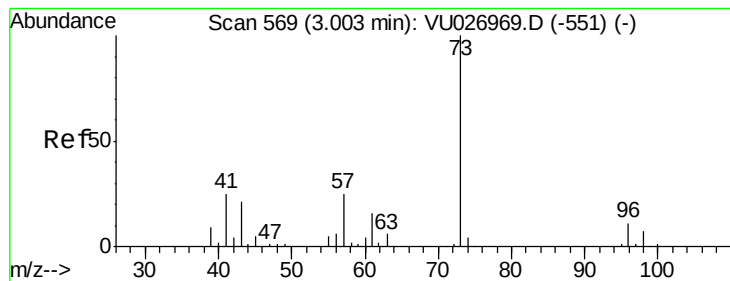
Tgt Ion: 76 Resp: 70479
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 21.160 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Tgt Ion: 43 Resp: 51258
Ion Ratio Lower Upper
43 100
74 19.7 16.6 25.0



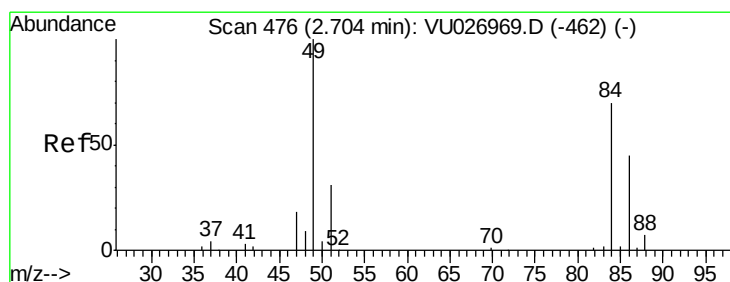
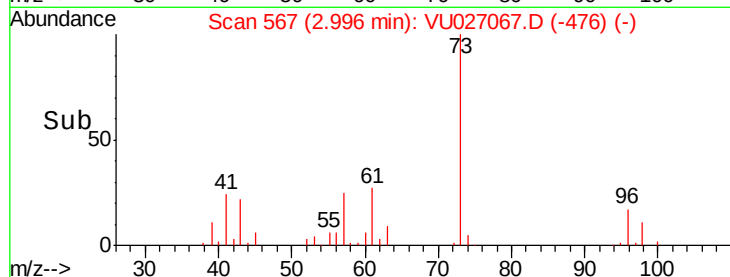
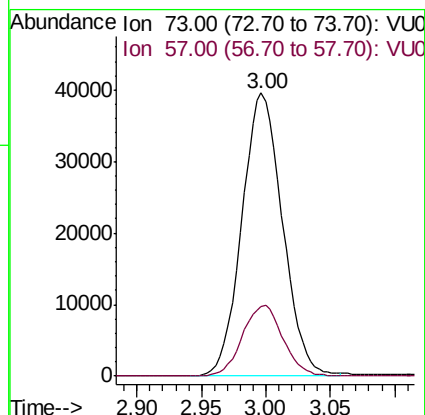
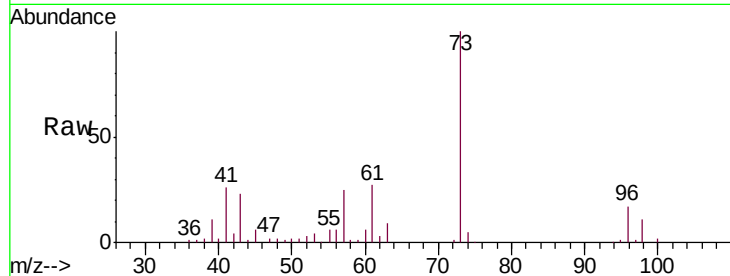


#19

Methyl tert-butyl Ether
Concen: 20.294 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.01 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

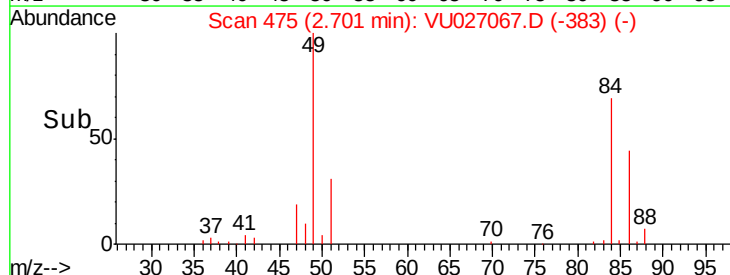
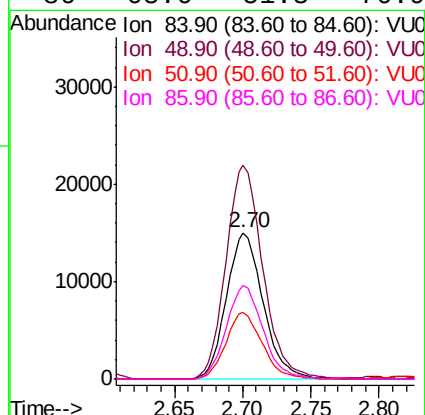
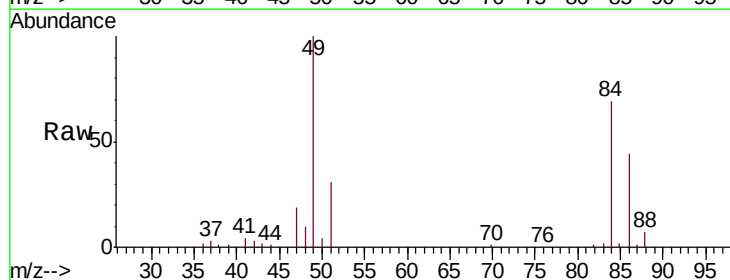
Tgt Ion: 73 Resp: 87095
Ion Ratio Lower Upper
73 100
57 24.6 19.8 29.6

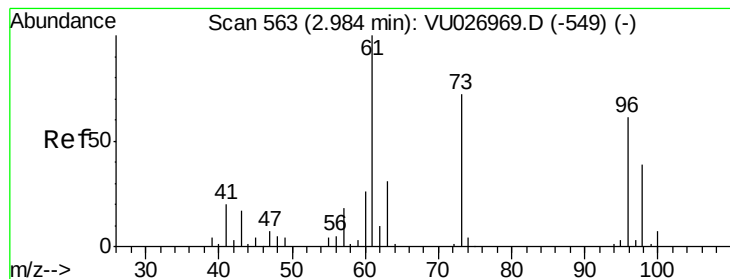


#20

Methylene Chloride
Concen: 18.432 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Tgt Ion: 84 Resp: 28094
Ion Ratio Lower Upper
84 100
49 145.8 114.9 172.3
51 45.6 35.8 53.8
86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.348 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

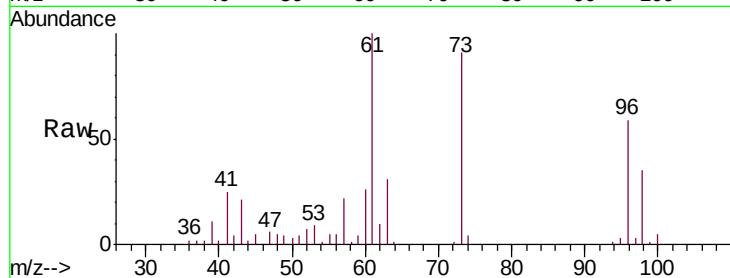
Tgt Ion: 96 Resp: 24126

Ion Ratio Lower Upper

96 100

61 170.5 131.8 197.6

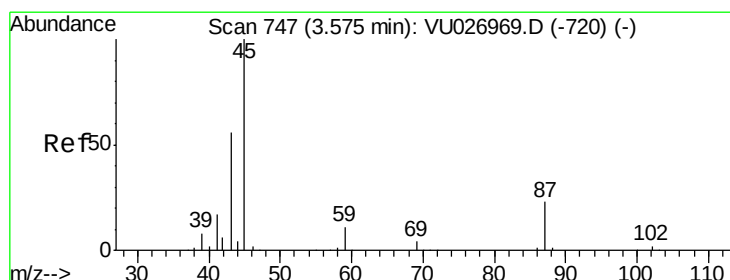
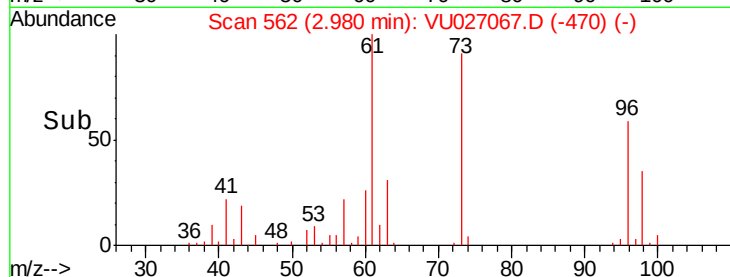
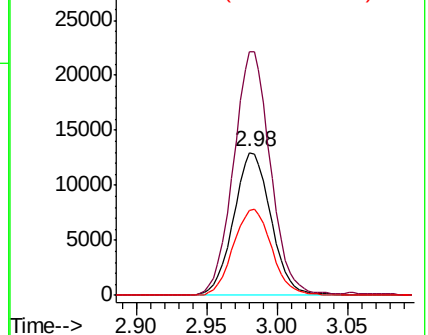
98 59.6 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027067.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027067.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027067.D (-470) (-)



#22

Diisopropyl ether

Concen: 21.657 ug/l

RT: 3.57 min Scan# 745

Delta R.T. -0.01 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Tgt Ion: 45 Resp: 109726

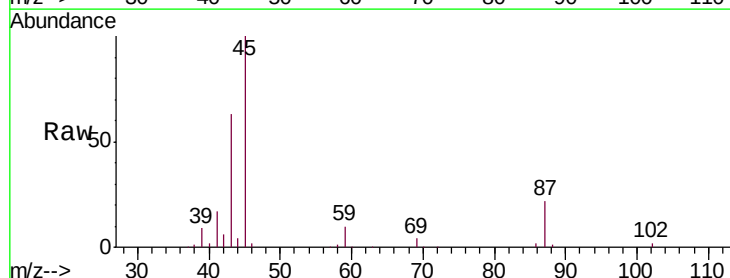
Ion Ratio Lower Upper

45 100

43 59.3 45.8 68.6

87 21.7 18.6 28.0

59 10.3 9.0 13.4

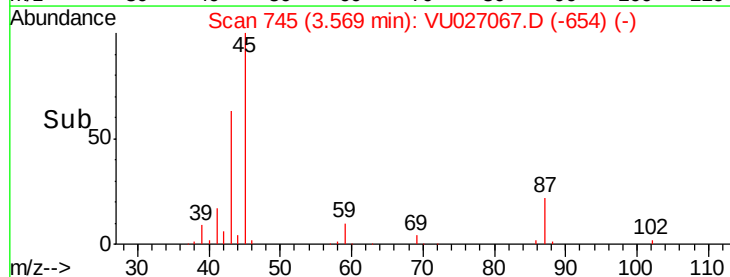
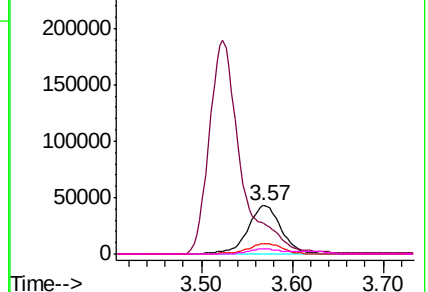


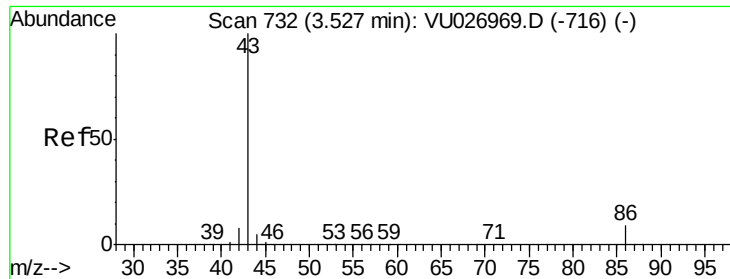
Abundance Ion 45.00 (44.70 to 45.70): VU027067.D (-654) (-)

Ion 43.00 (42.70 to 43.70): VU027067.D (-654) (-)

Ion 87.00 (86.70 to 87.70): VU027067.D (-654) (-)

Ion 59.00 (58.70 to 59.70): VU027067.D (-654) (-)





#23

Vinyl Acetate

Concen: 106.853 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

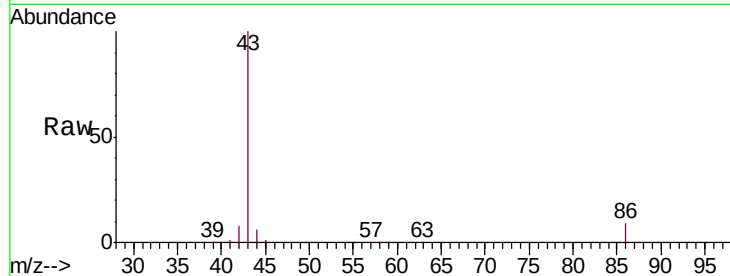
VU0923WBS02

Tgt Ion: 43 Resp: 461487

Ion Ratio Lower Upper

43 100

86 8.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-716) (-)

Ion 86.00 (85.70 to 86.70): VU026969.D (-716) (-)

3.52

200000

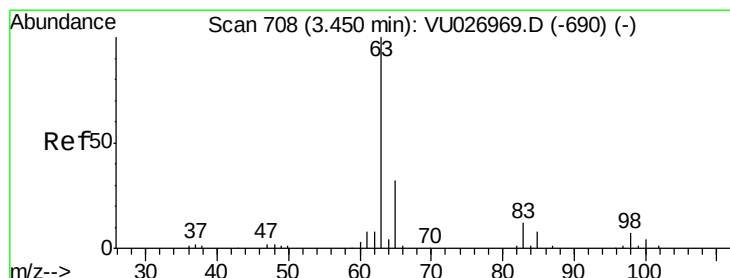
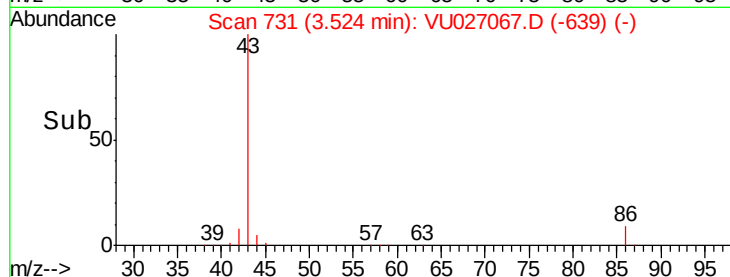
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.943 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

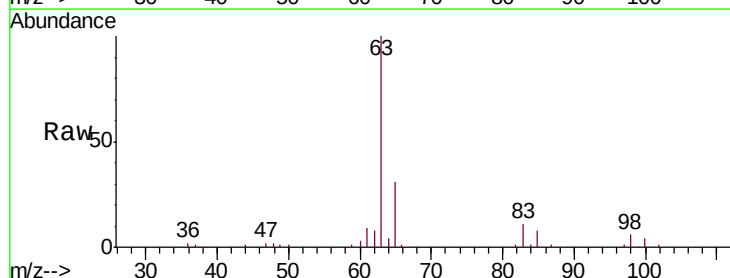
Tgt Ion: 63 Resp: 55652

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)

3.45

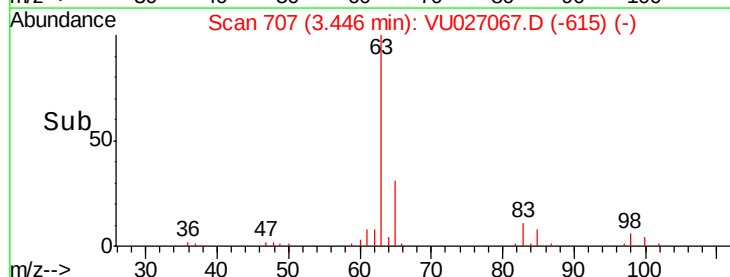
30000

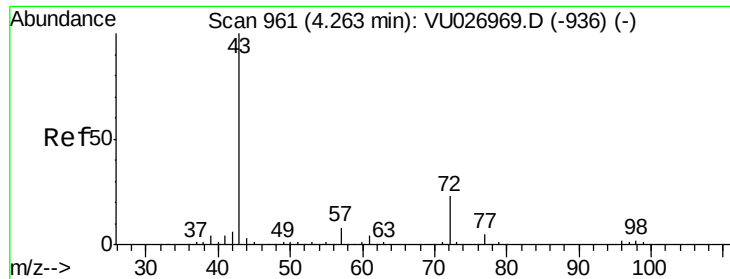
20000

10000

0

Time-->





#25

2-Butanone

Concen: 100.263 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

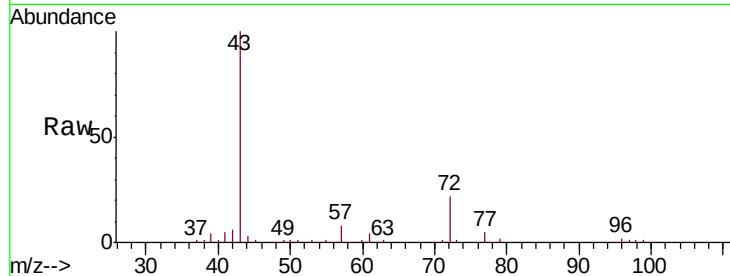
VU0923WBS02

Tgt Ion: 43 Resp: 143402

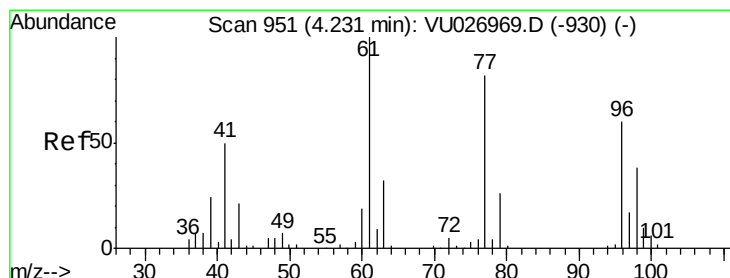
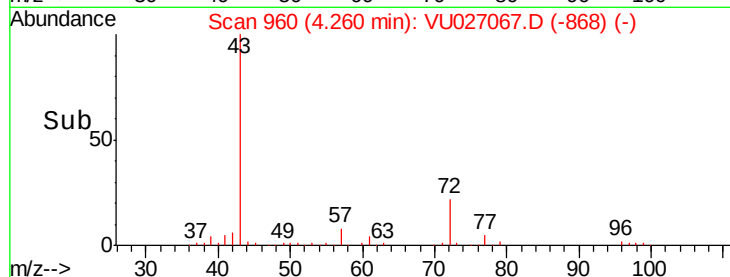
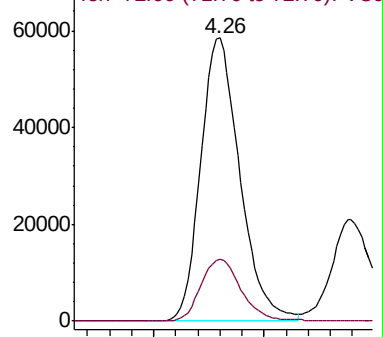
Ion Ratio Lower Upper

43 100

72 21.9 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-936) (-)



#26

2,2-Dichloropropane

Concen: 20.228 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027067.D

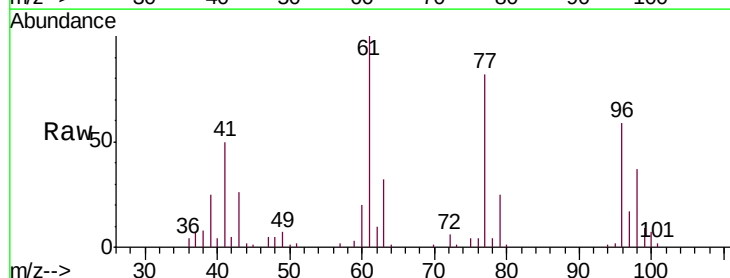
Acq: 23 Sep 2018 13:23

Tgt Ion: 77 Resp: 44021

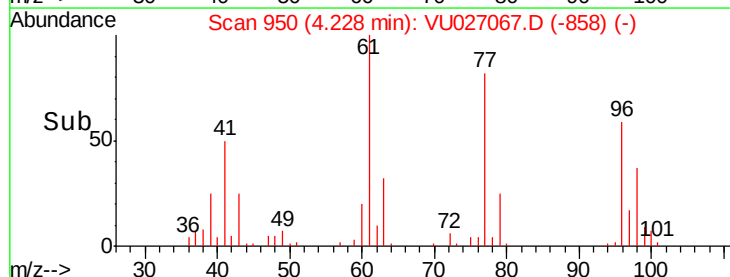
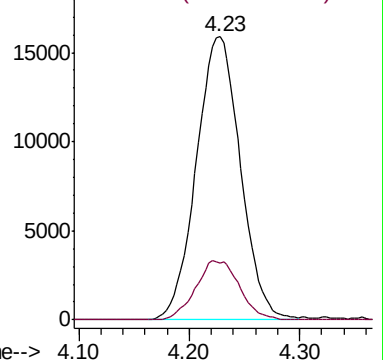
Ion Ratio Lower Upper

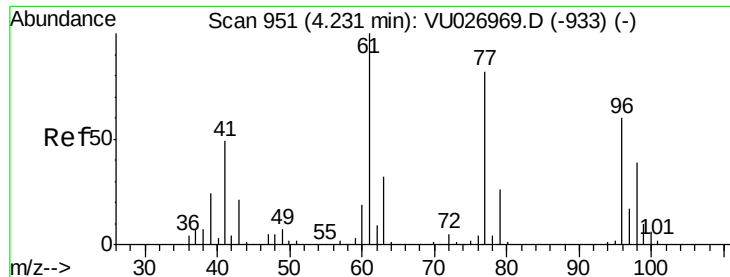
77 100

97 20.6 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU026969.D (-930) (-)

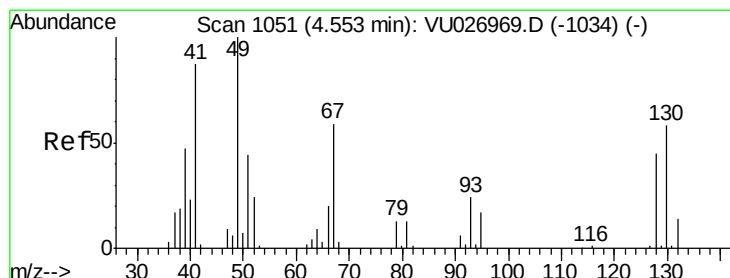
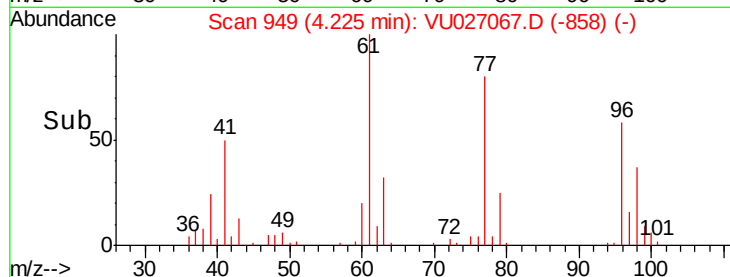
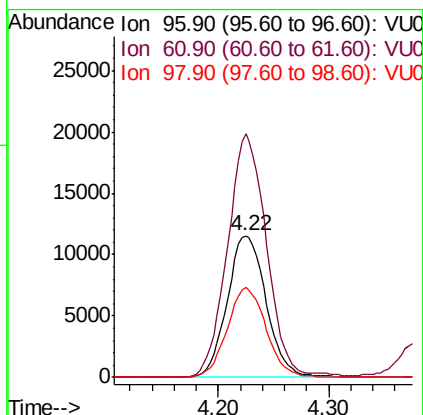
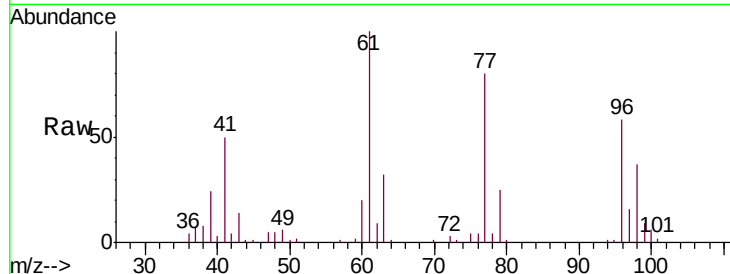




#27
 cis-1,2-Dichloroethene
 Concen: 20.011 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

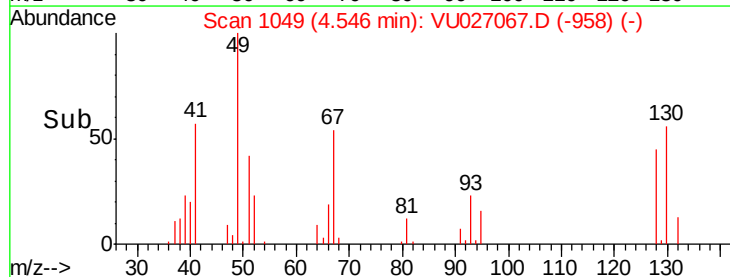
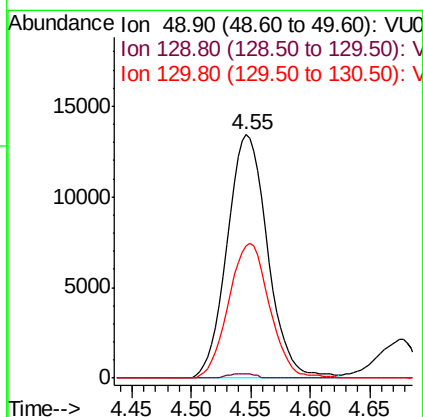
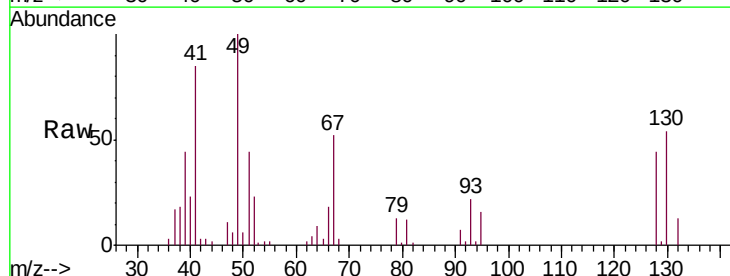
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

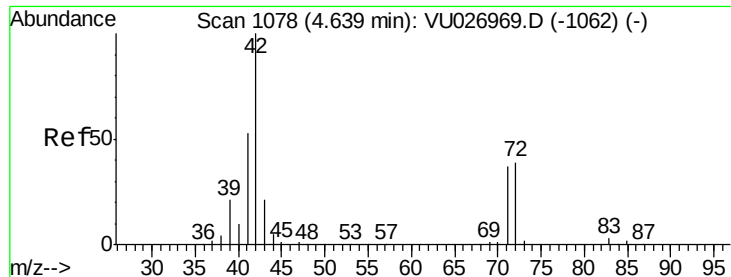
Tgt Ion: 96 Resp: 28179
 Ion Ratio Lower Upper
 96 100
 61 171.5 0.0 337.2
 98 63.1 0.0 127.6



#28
 Bromochloromethane
 Concen: 23.600 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion: 49 Resp: 31745
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.0
 130 55.9 47.8 71.8





#29

Tetrahydrofuran

Concen: 105.405 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

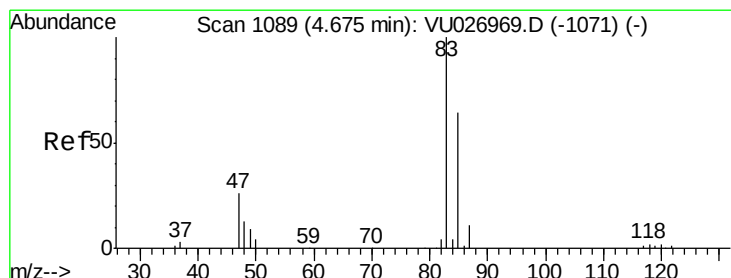
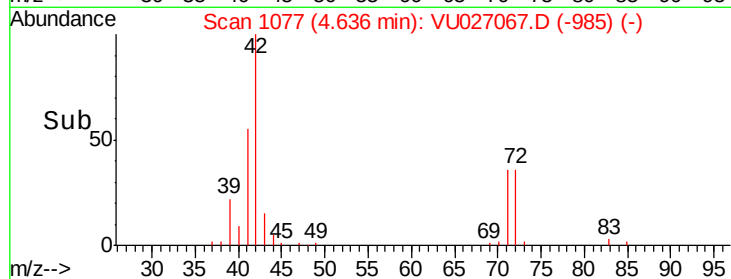
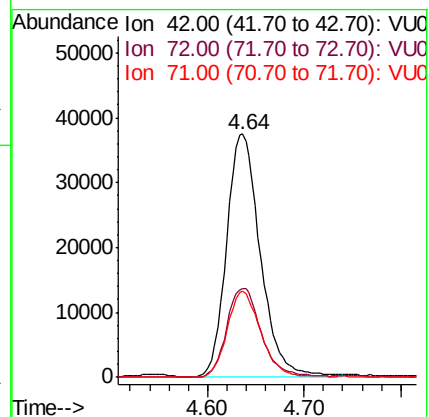
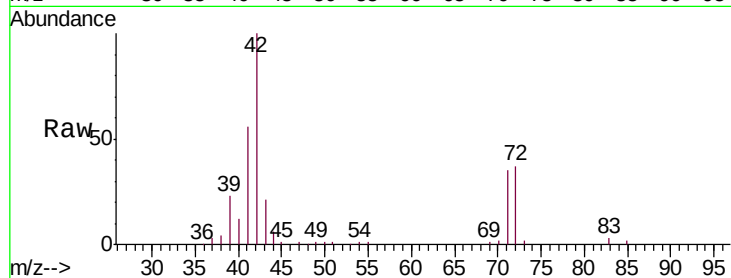
Tgt Ion: 42 Resp: 91198

Ion Ratio Lower Upper

42 100

72 37.7 31.7 47.5

71 35.2 29.6 44.4



#30

Chloroform

Concen: 19.458 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU027067.D

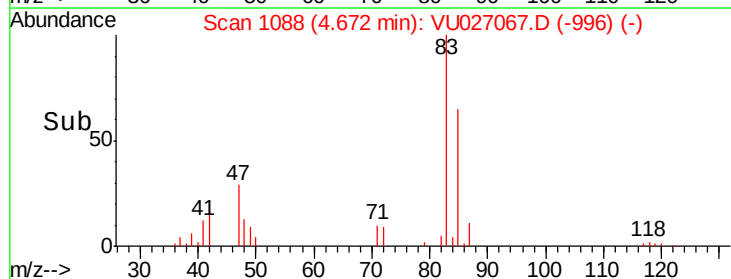
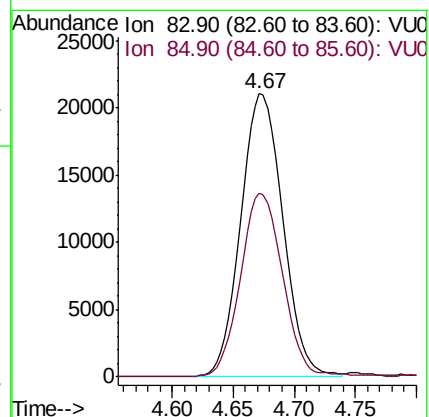
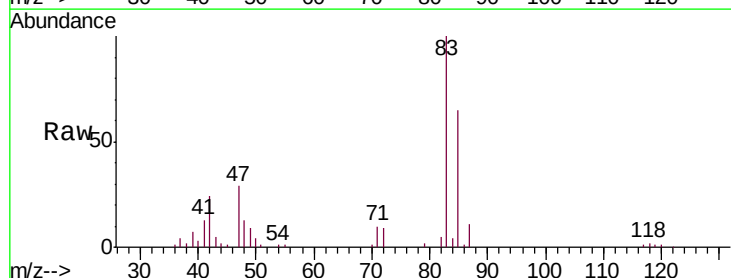
Acq: 23 Sep 2018 13:23

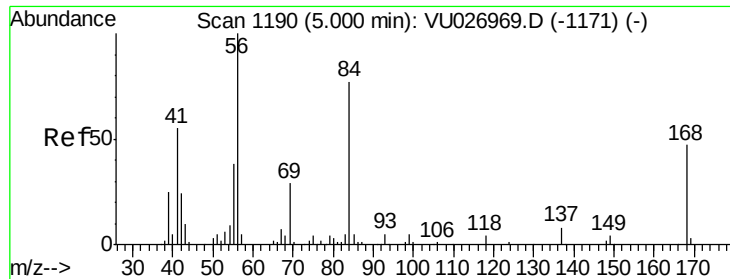
Tgt Ion: 83 Resp: 50402

Ion Ratio Lower Upper

83 100

85 64.9 51.5 77.3

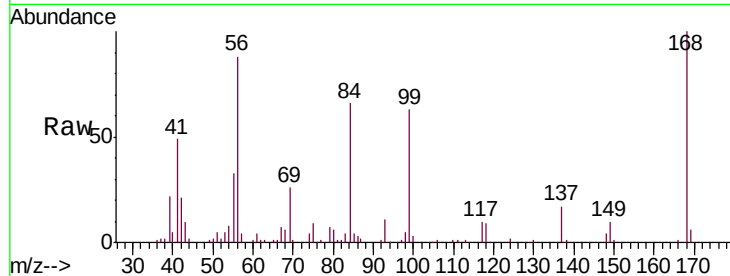




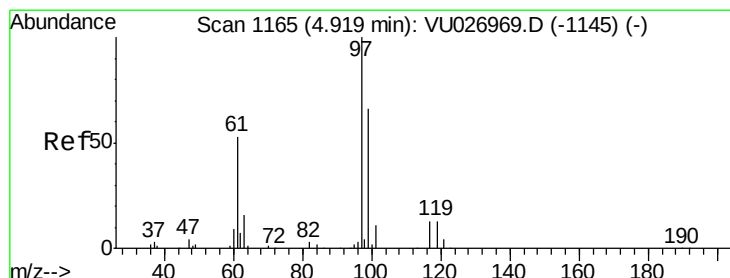
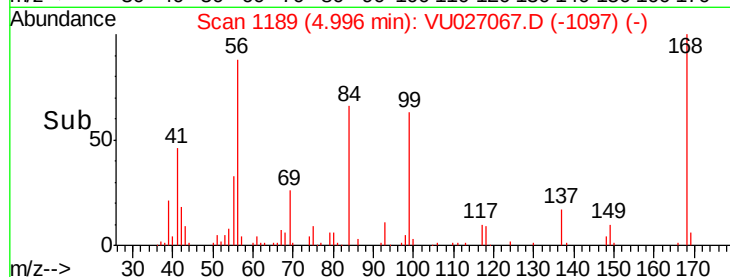
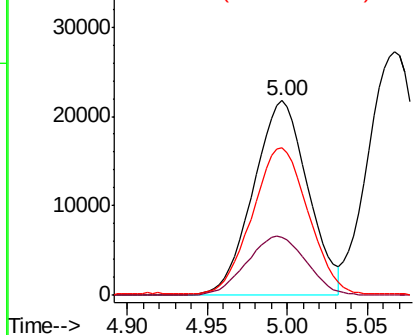
#31
Cyclohexane
Concen: 19.974 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

Tgt Ion: 56 Resp: 51543
Ion Ratio Lower Upper
56 100
69 30.1 23.0 34.4
84 74.9 61.4 92.2

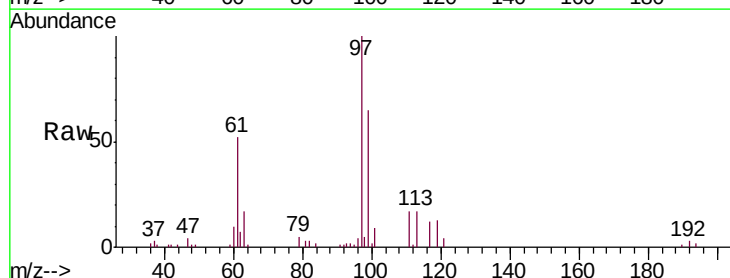


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

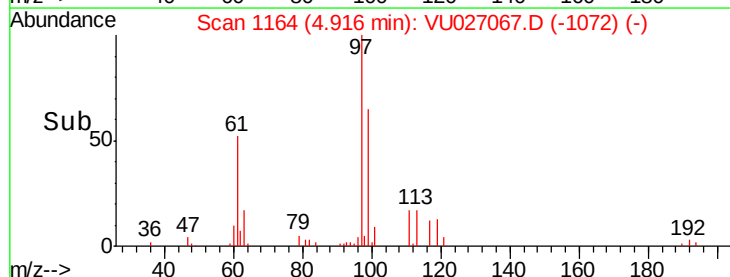
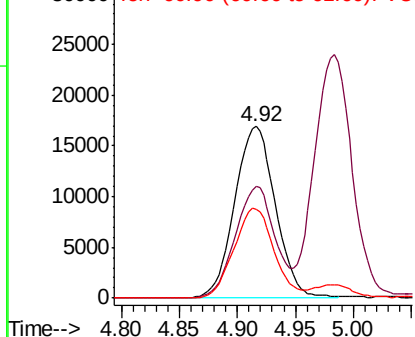


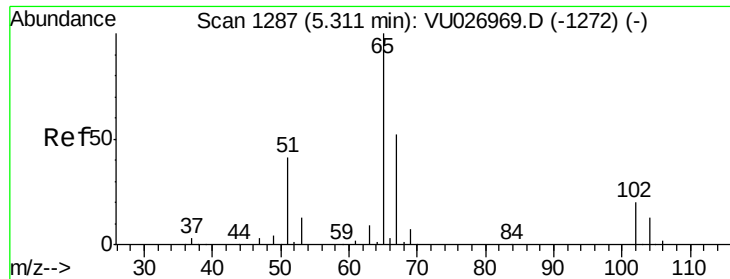
#32
1,1,1-Trichloroethane
Concen: 19.973 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Tgt Ion: 97 Resp: 41306
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 51.4 41.1 61.7



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

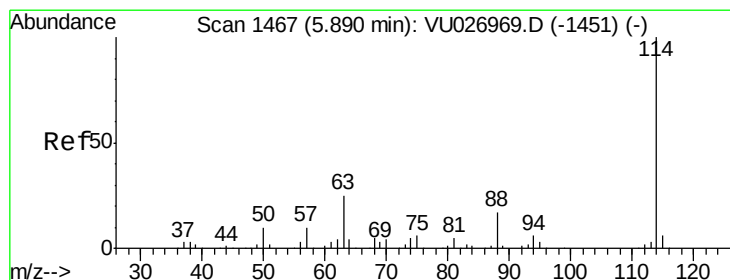
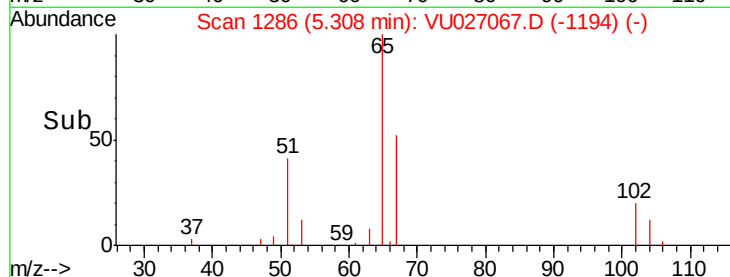
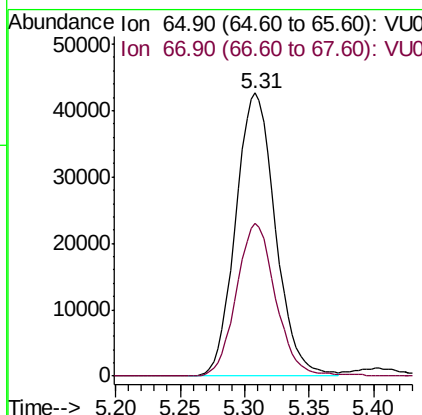
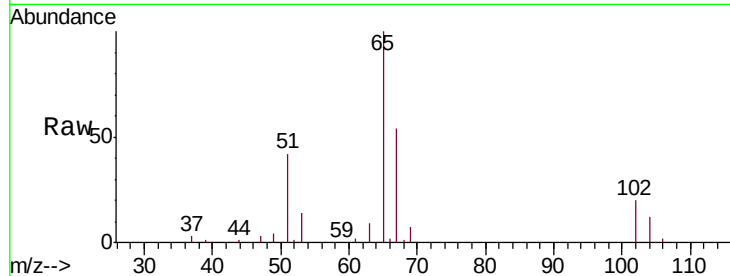




#33
 1,2-Dichloroethane-d4
 Concen: 53.726 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

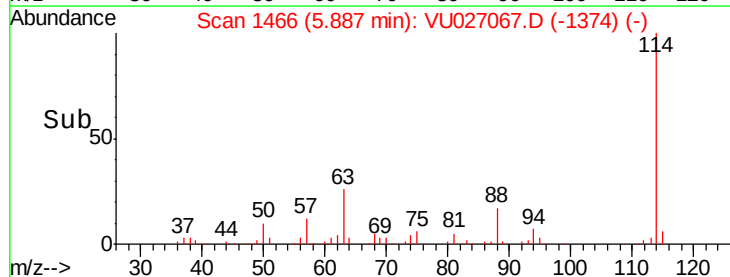
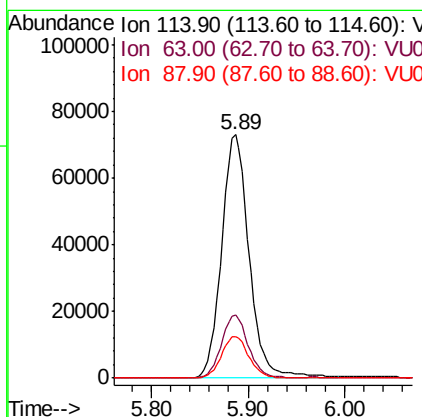
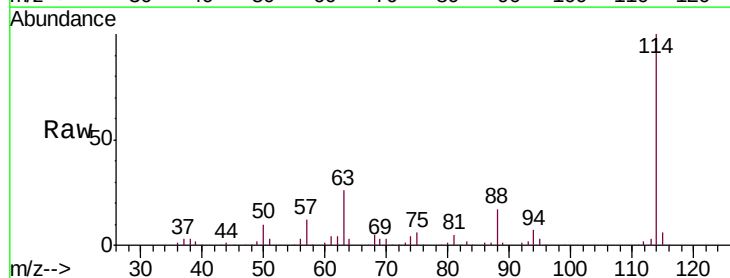
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

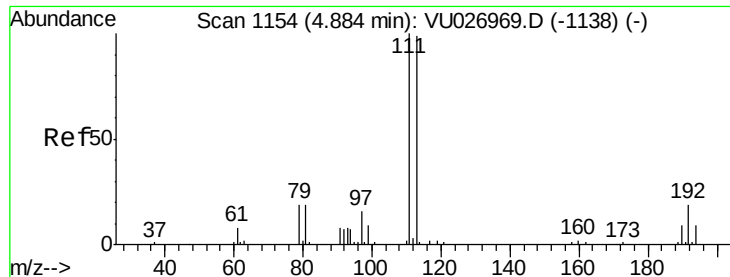
Tgt Ion: 65 Resp: 91437
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion: 114 Resp: 144610
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.2
 88 17.0 0.0 33.8

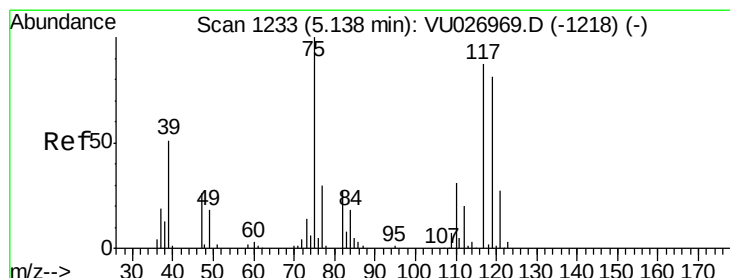
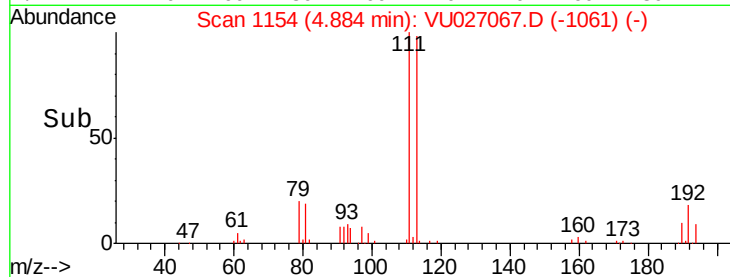
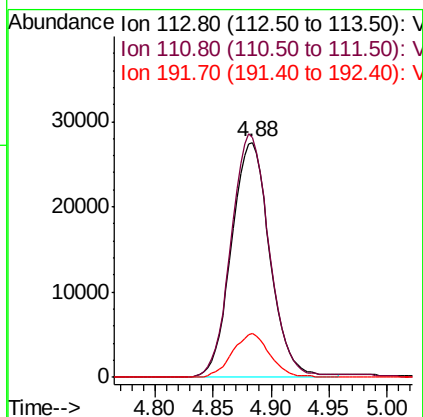
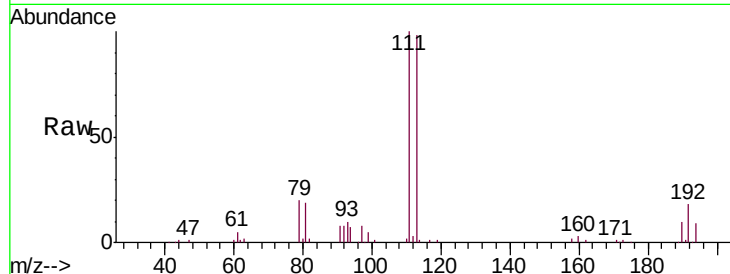




#35
 Dibromofluoromethane
 Concen: 50.777 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

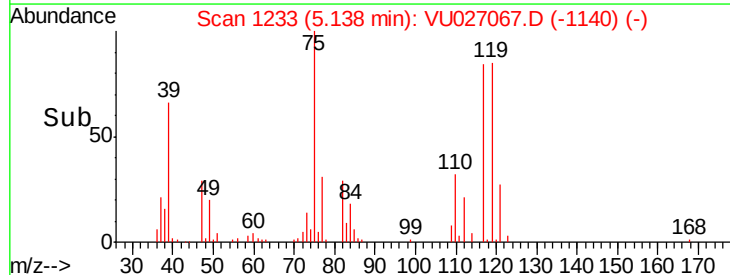
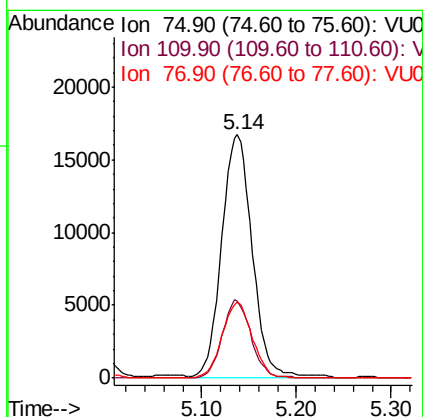
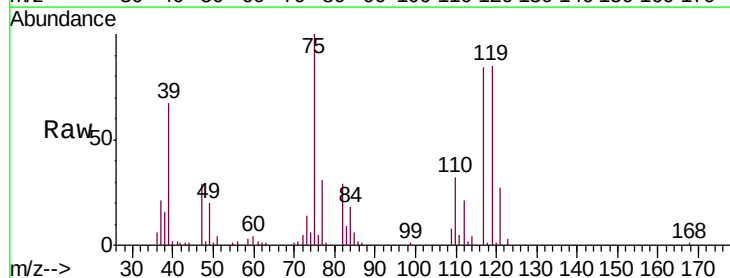
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

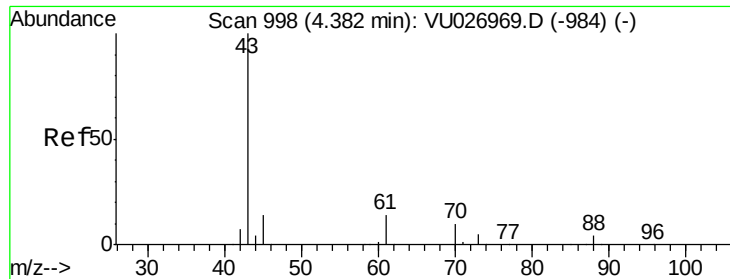
Tgt Ion:113 Resp: 63648
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 18.2 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 19.609 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion: 75 Resp: 37845
 Ion Ratio Lower Upper
 75 100
 110 29.6 16.1 48.2
 77 30.3 24.6 36.8





#37

Ethyl Acetate

Concen: 19.733 ug/l

RT: 4.38 min Scan# 996

Delta R.T. -0.01 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

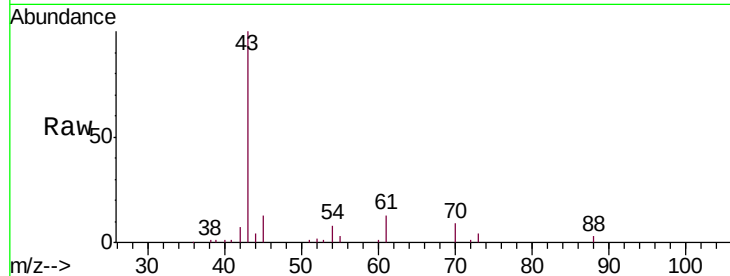
Tgt Ion: 43 Resp: 51557

Ion Ratio Lower Upper

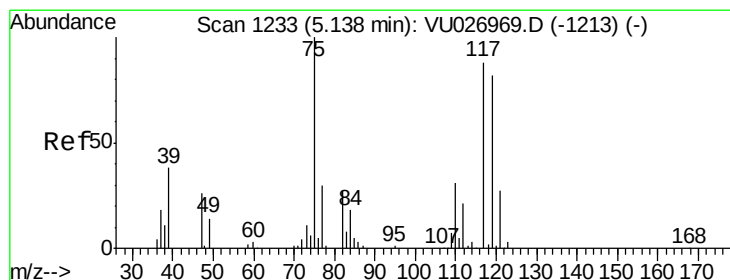
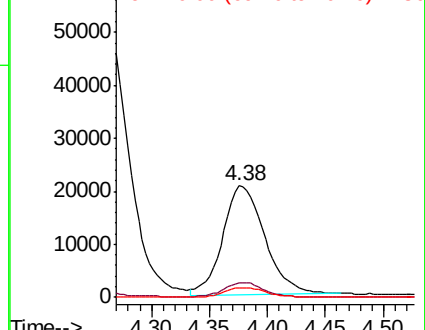
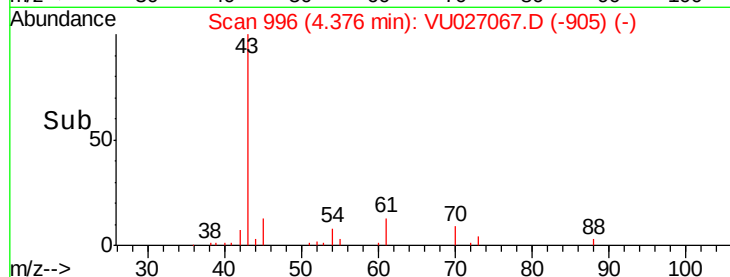
43 100

61 11.9 10.5 15.7

70 8.7 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU027067.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 18.613 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

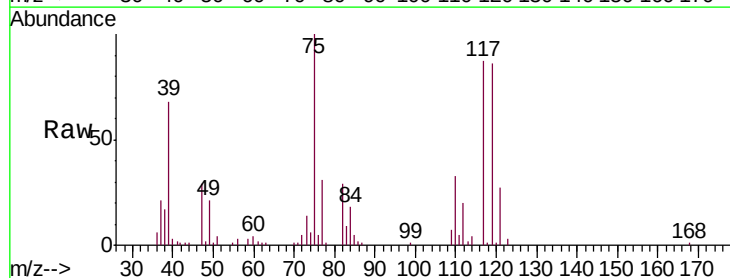
Tgt Ion: 117 Resp: 34185

Ion Ratio Lower Upper

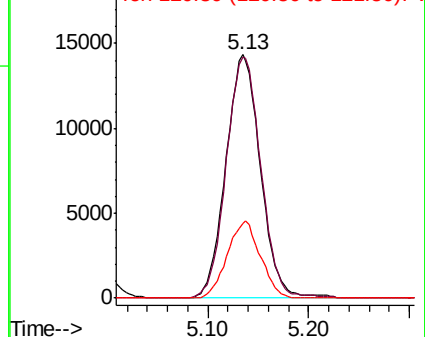
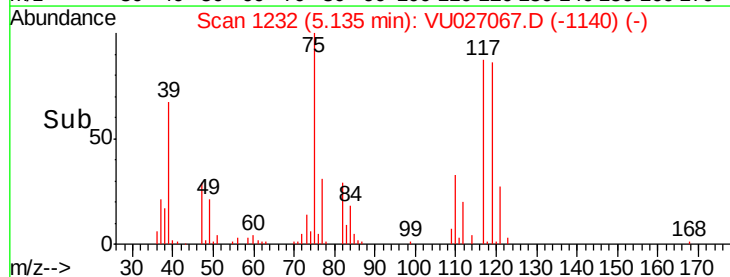
117 100

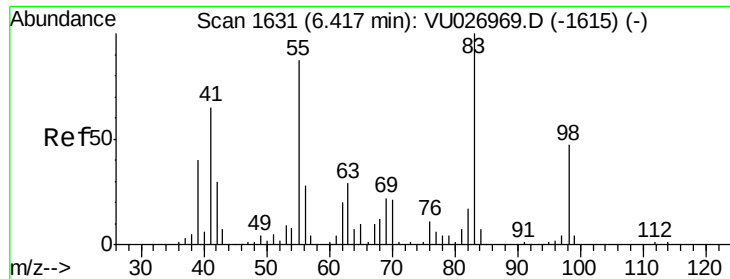
119 99.2 74.4 111.6

121 30.7 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): VU027067.D (-1140) (-)

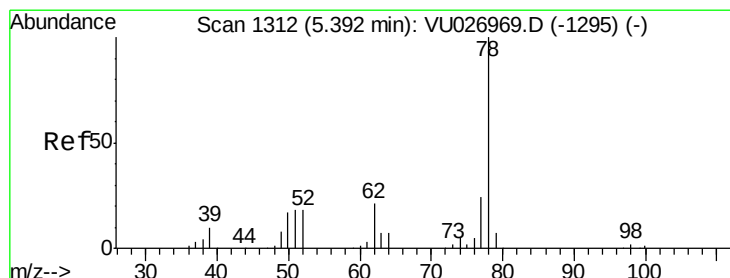
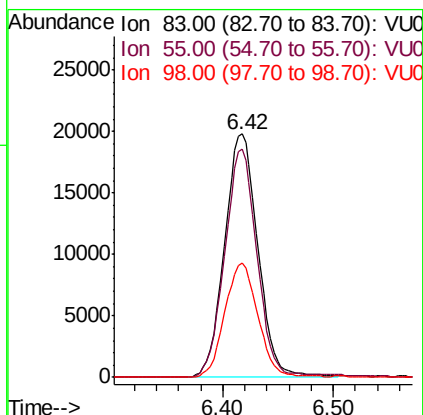
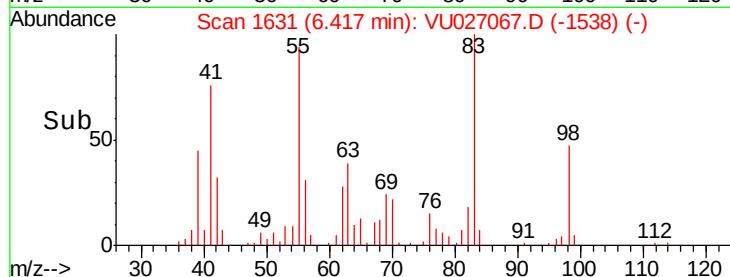
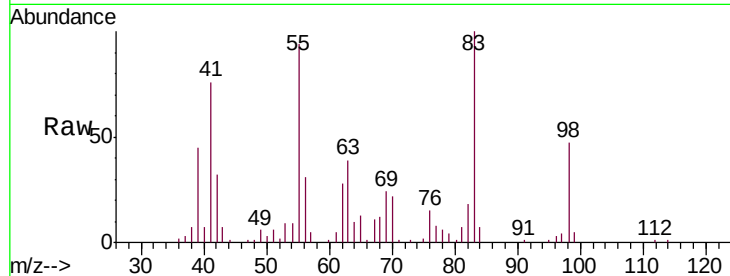




#39
Methylcyclohexane
Concen: 19.822 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

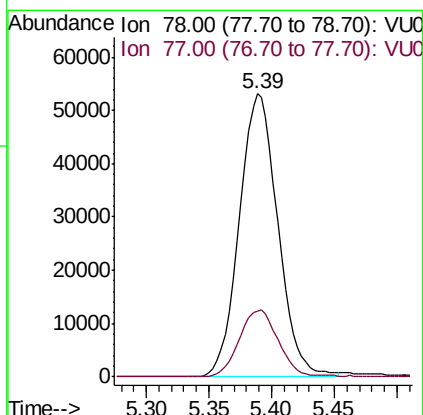
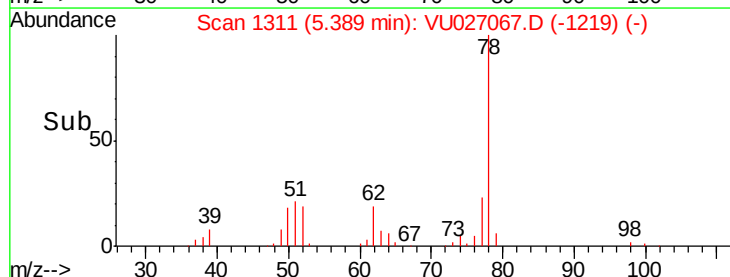
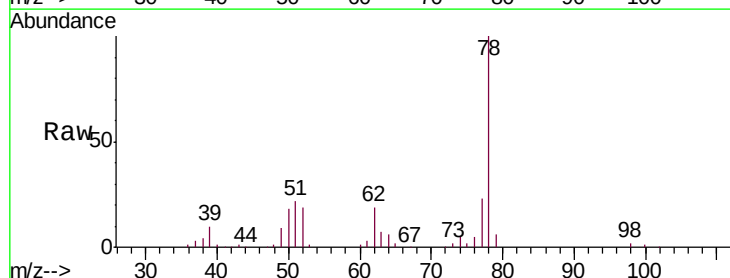
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

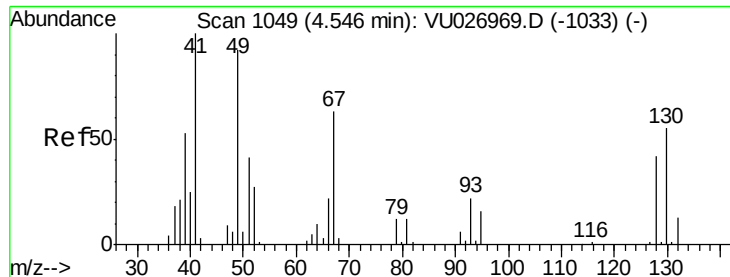
Tgt Ion: 83 Resp: 41573
Ion Ratio Lower Upper
83 100
55 93.9 69.9 104.9
98 47.1 37.5 56.3



#40
Benzene
Concen: 19.331 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Tgt Ion: 78 Resp: 113415
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0





#41

Methacrylonitrile

Concen: 21.109 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

Tgt Ion: 41 Resp: 28642

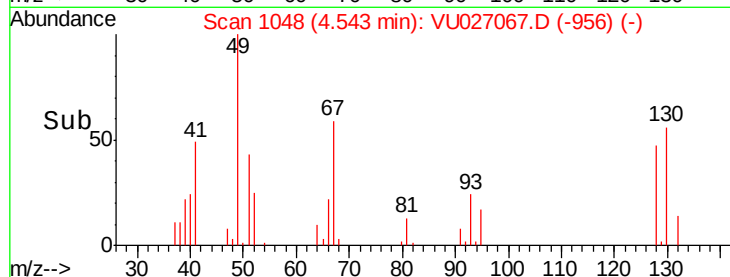
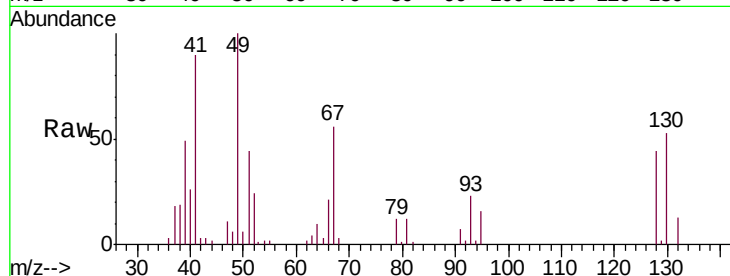
Ion Ratio Lower Upper

41 100

39 53.5 42.9 64.3

67 63.3 52.4 78.6

52 25.2 21.3 31.9

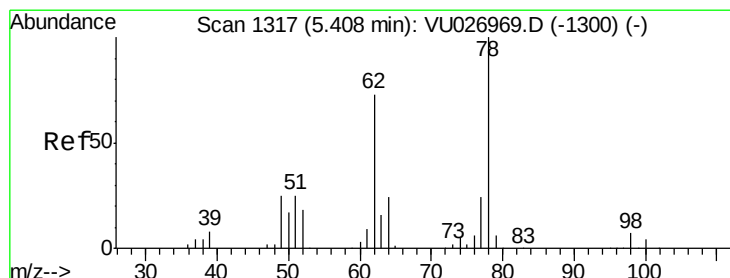
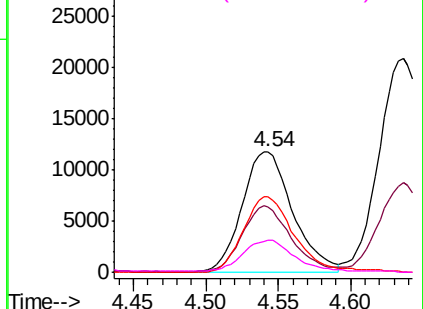


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 19.942 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027067.D

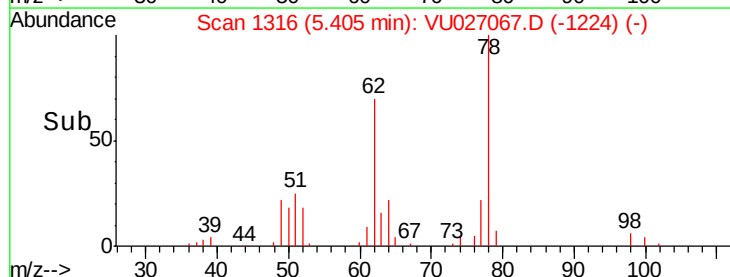
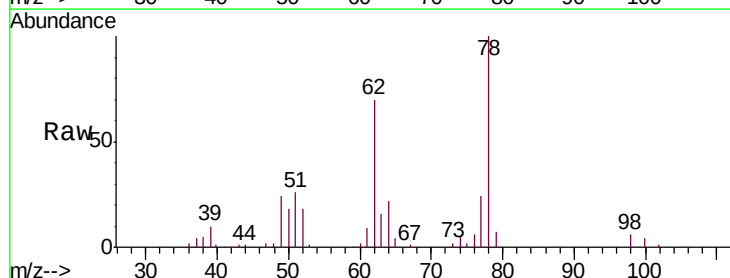
Acq: 23 Sep 2018 13:23

Tgt Ion: 62 Resp: 44206

Ion Ratio Lower Upper

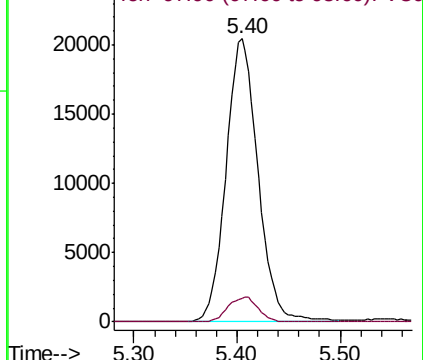
62 100

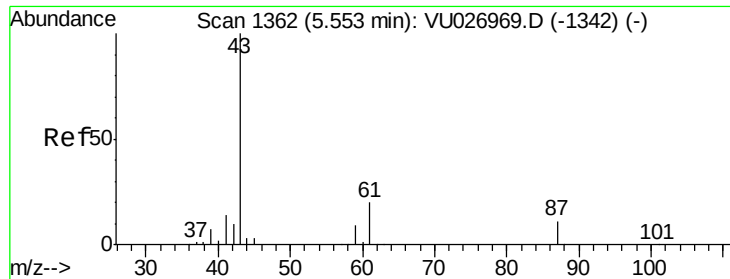
98 8.1 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 20.645 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

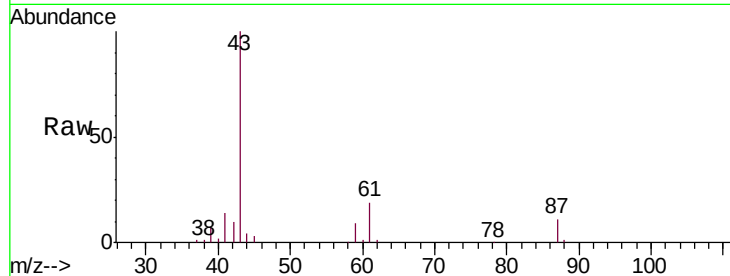
Tgt Ion: 43 Resp: 78665

Ion Ratio Lower Upper

43 100

61 19.0 15.7 23.5

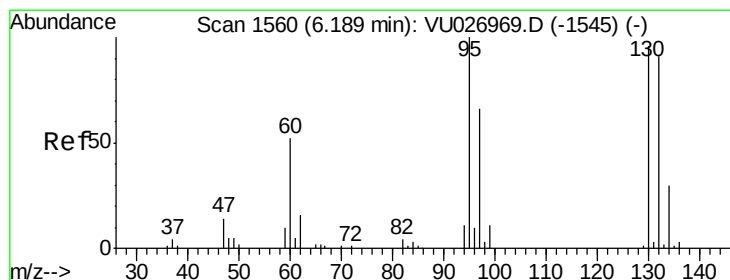
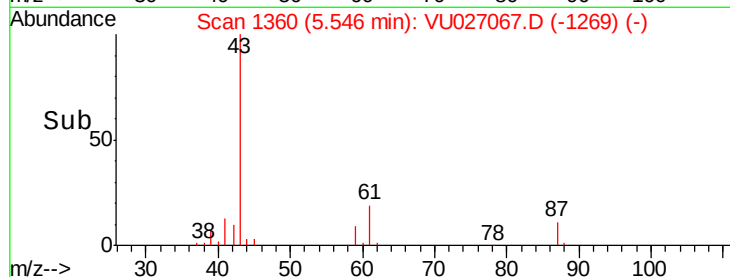
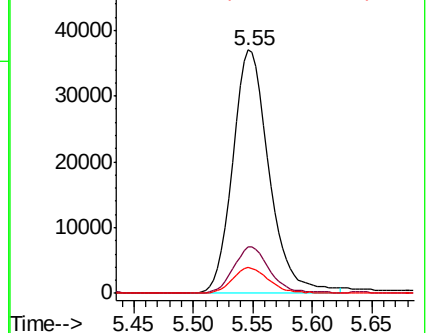
87 10.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 19.380 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027067.D

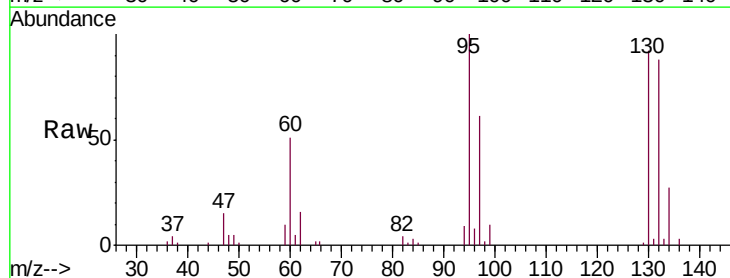
Acq: 23 Sep 2018 13:23

Tgt Ion: 130 Resp: 24207

Ion Ratio Lower Upper

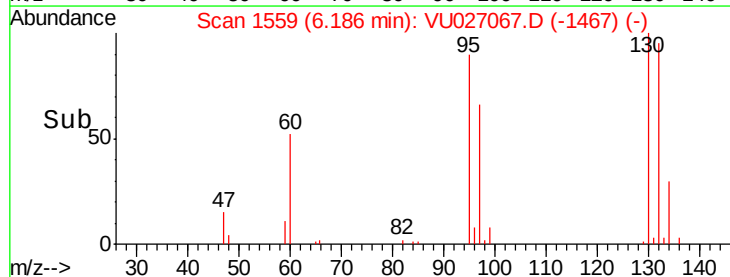
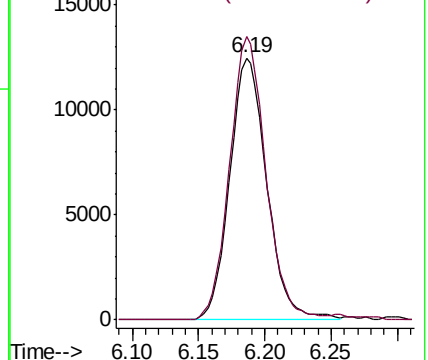
130 100

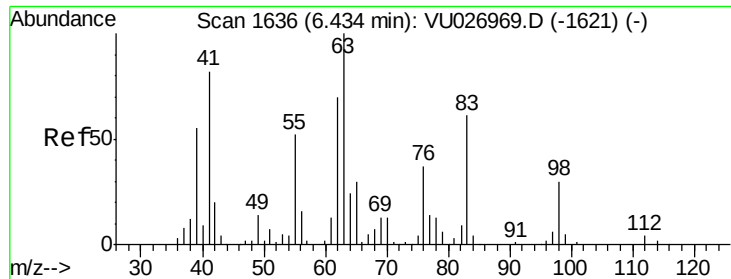
95 108.1 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

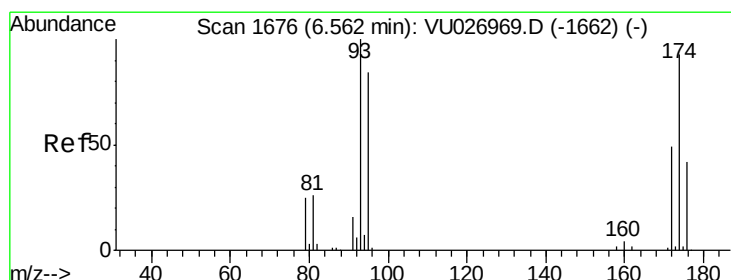
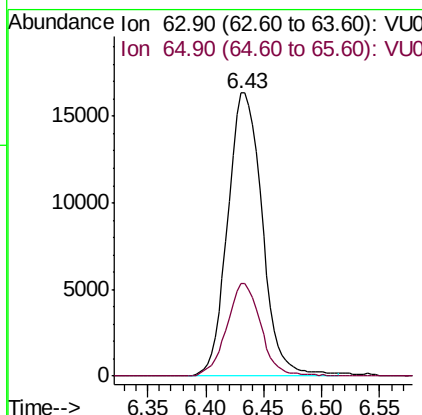
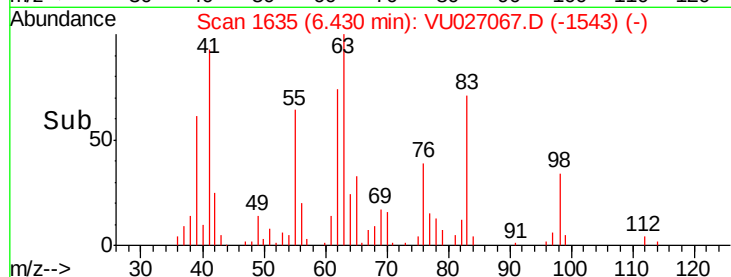
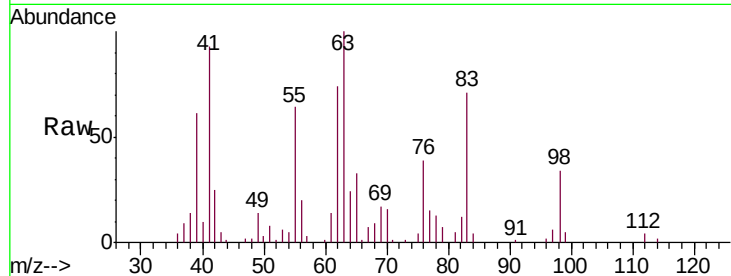




#45
 1,2-Dichloropropane
 Concen: 20.218 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

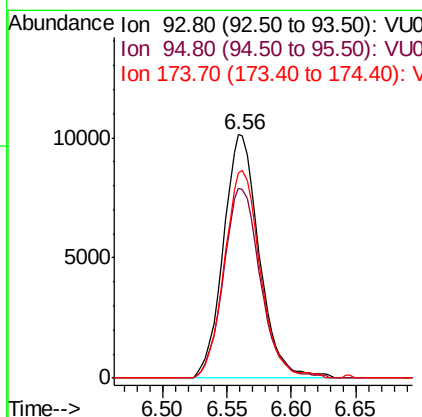
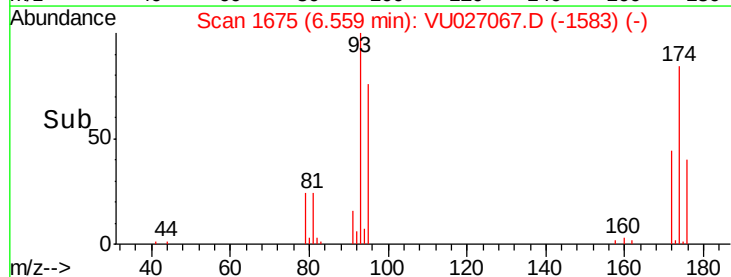
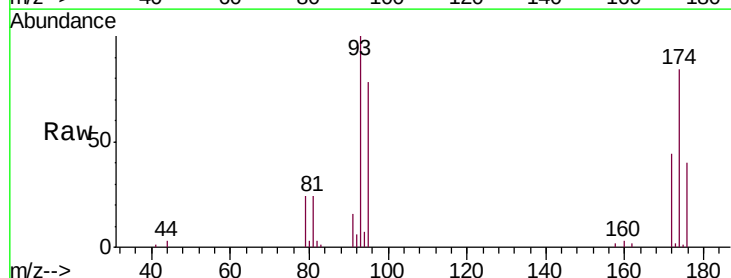
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

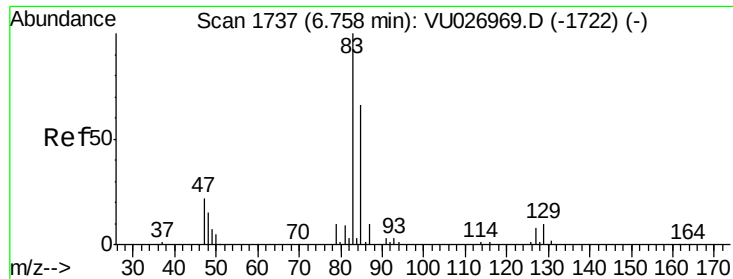
Tgt Ion: 63 Resp: 33799
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.3 36.5



#46
 Dibromomethane
 Concen: 19.372 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion: 93 Resp: 19559
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.2 99.4
 174 84.7 71.7 107.5





#47

Bromodichloromethane

Concen: 19.124 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

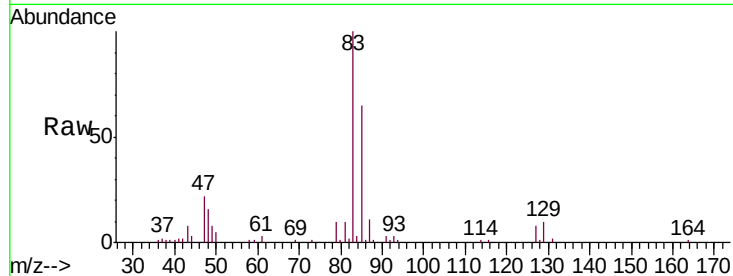
Tgt Ion: 83 Resp: 39043

Ion Ratio Lower Upper

83 100

85 65.1 52.5 78.7

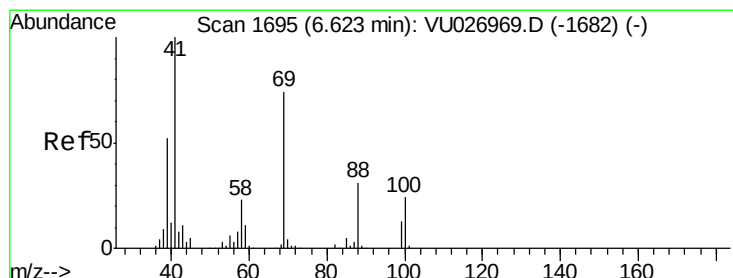
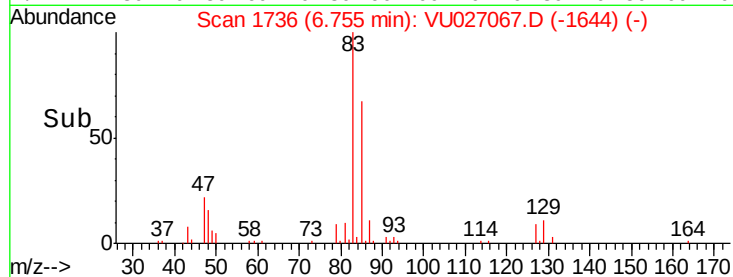
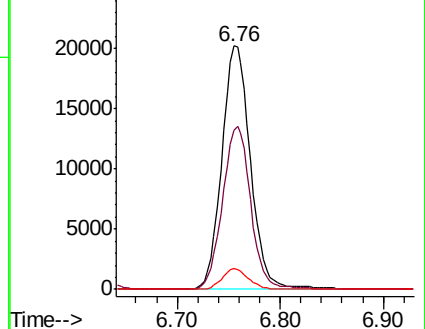
127 8.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1722) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1722) (-)

Ion 126.80 (126.50 to 127.50): VU026969.D (-1722) (-)



#48

Methyl methacrylate

Concen: 19.488 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

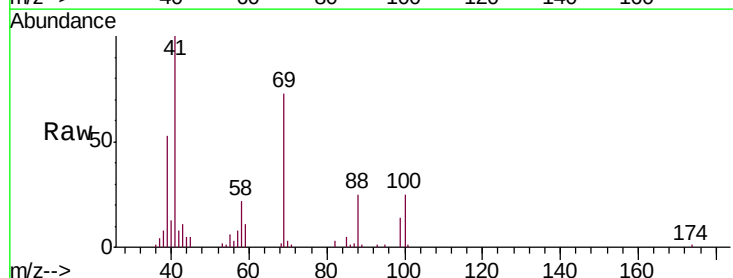
Tgt Ion: 41 Resp: 39108

Ion Ratio Lower Upper

41 100

69 72.7 60.6 90.8

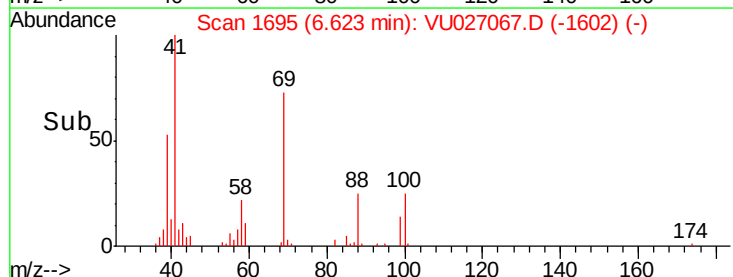
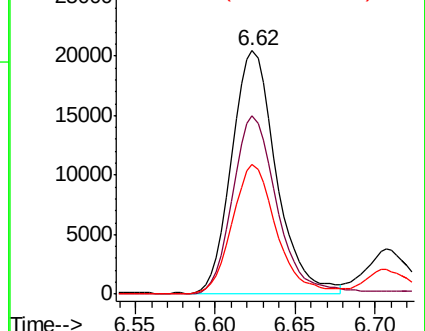
39 52.4 42.8 64.2

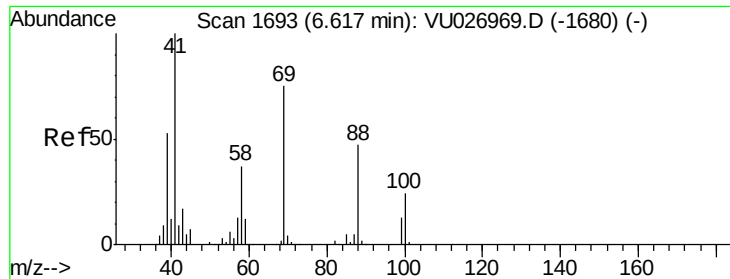


Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-1682) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1682) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-1682) (-)

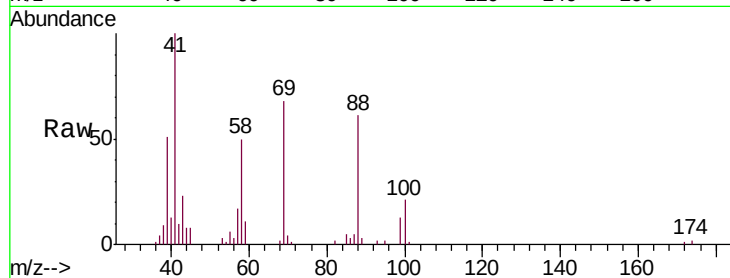




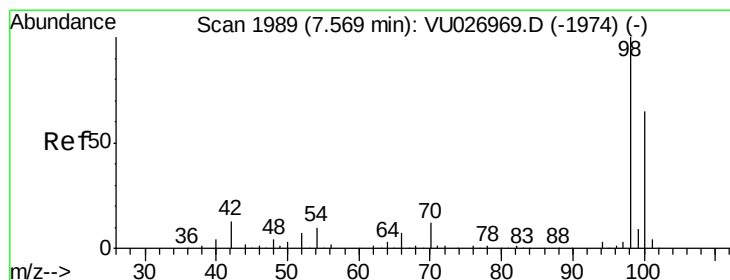
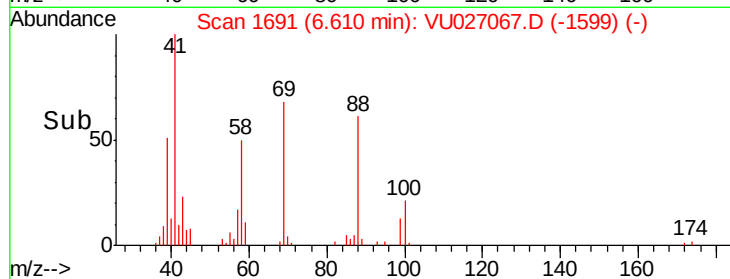
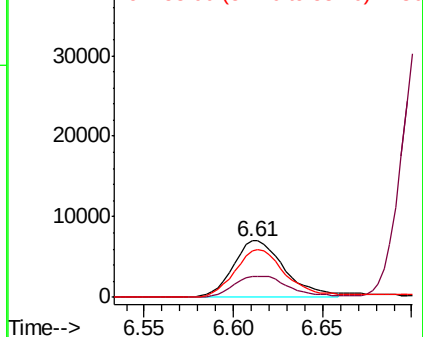
#49
1,4-Dioxane
Concen: 342.864 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

Tgt Ion: 88 Resp: 14168
Ion Ratio Lower Upper
88 100
43 40.8 29.8 44.8
58 84.9 63.9 95.9

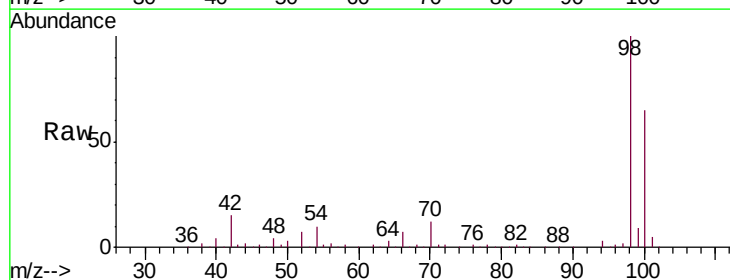


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

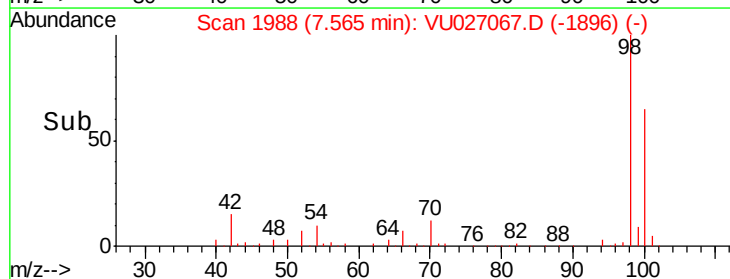
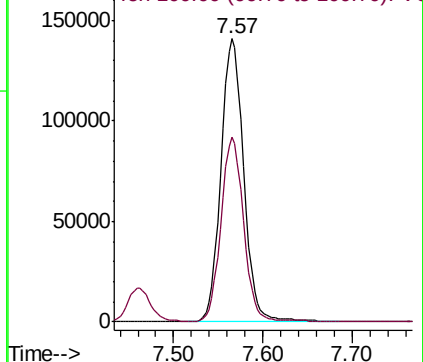


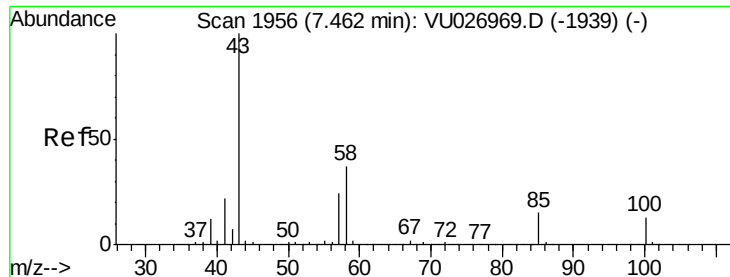
#50
Toluene-d8
Concen: 52.241 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Tgt Ion: 98 Resp: 249561
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 103.775 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

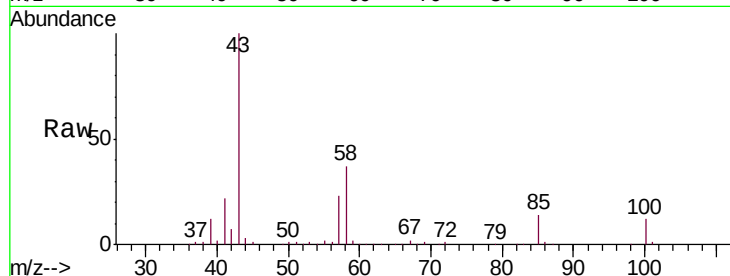
VU0923WBS02

Tgt Ion: 43 Resp: 265940

Ion Ratio Lower Upper

43 100

58 36.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

150000

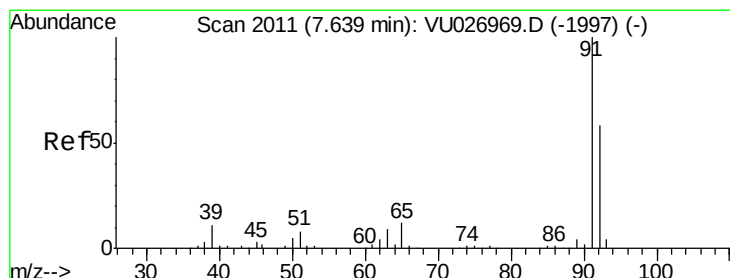
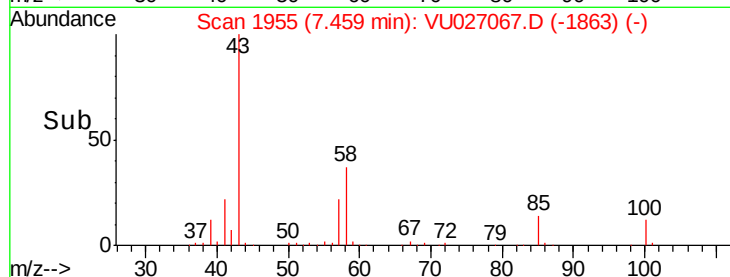
100000

50000

0

7.40 7.50

Time-->



#52

Toluene

Concen: 19.882 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027067.D

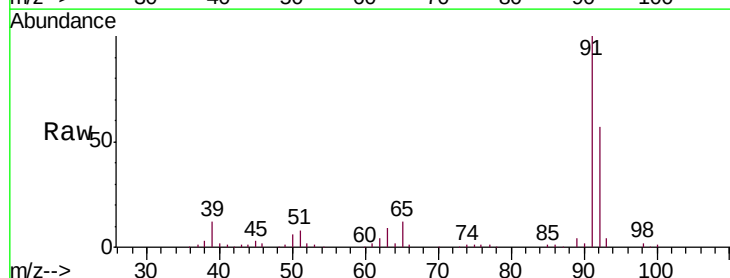
Acq: 23 Sep 2018 13:23

Tgt Ion: 92 Resp: 66864

Ion Ratio Lower Upper

92 100

91 175.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

80000

60000

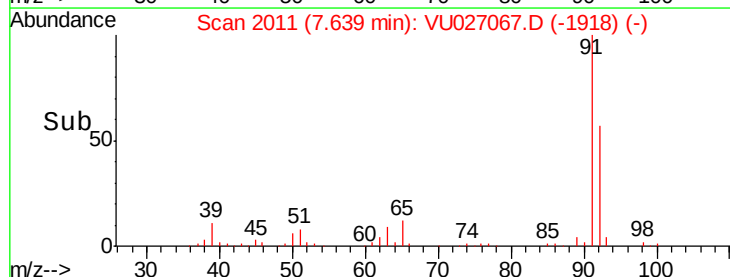
40000

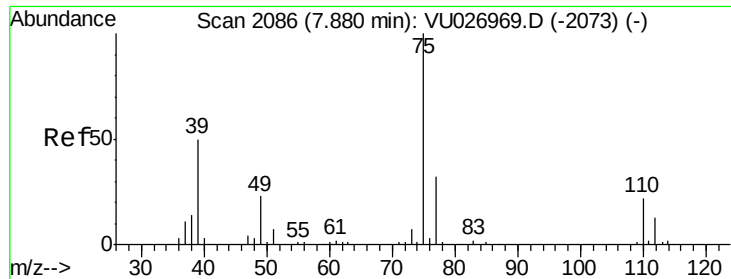
20000

0

7.60 7.70 7.80

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.517 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

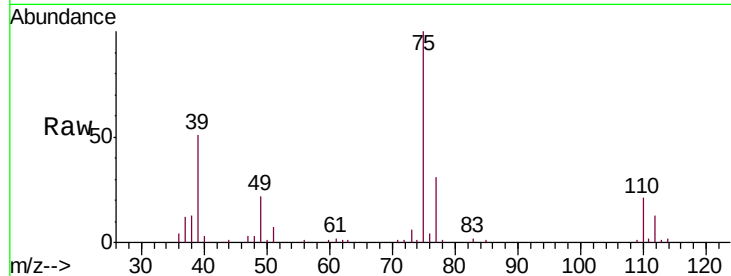
VU0923WBS02

Tgt Ion: 75 Resp: 45004

Ion Ratio Lower Upper

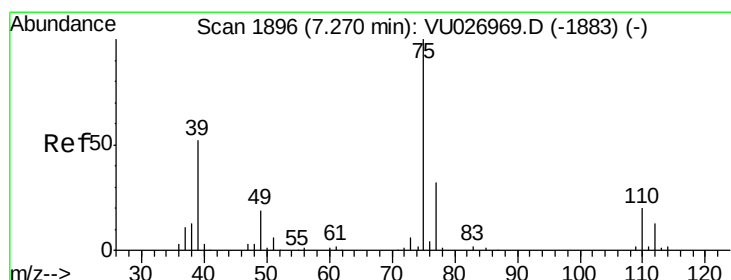
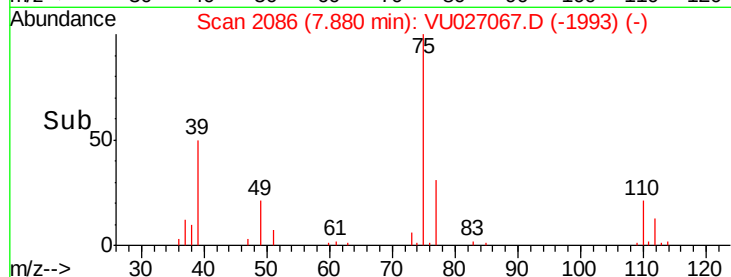
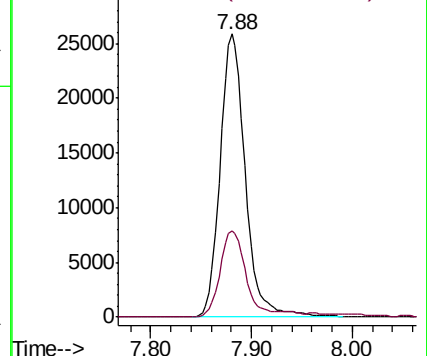
75 100

77 30.6 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.911 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

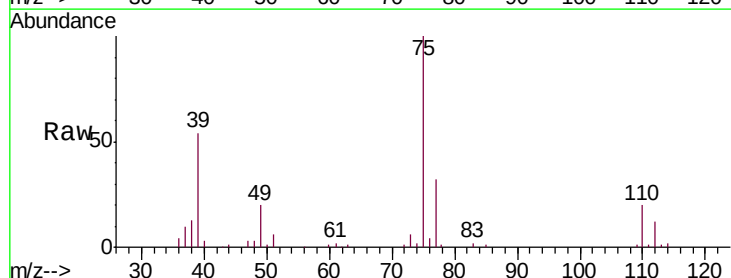
Tgt Ion: 75 Resp: 48021

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

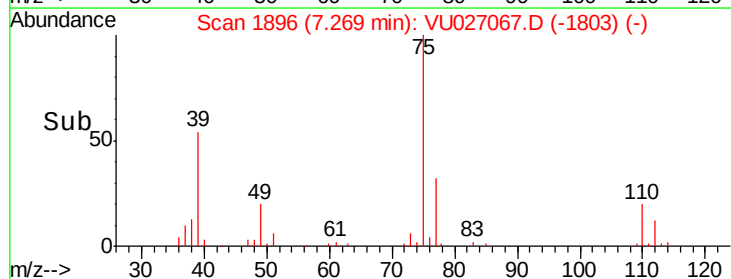
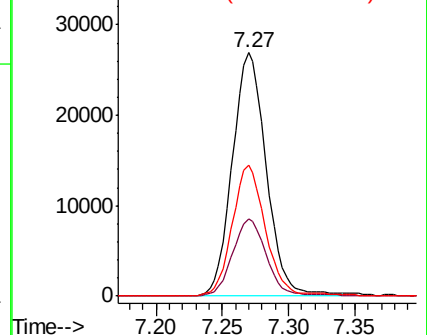
39 53.6 41.6 62.4

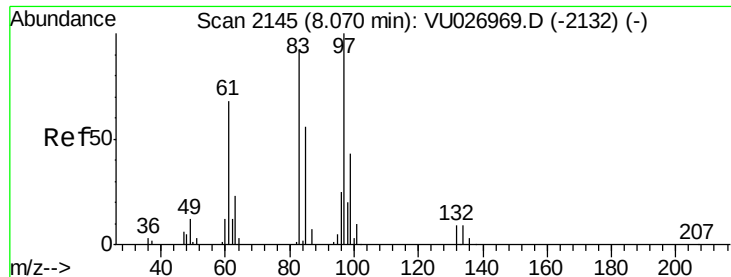


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

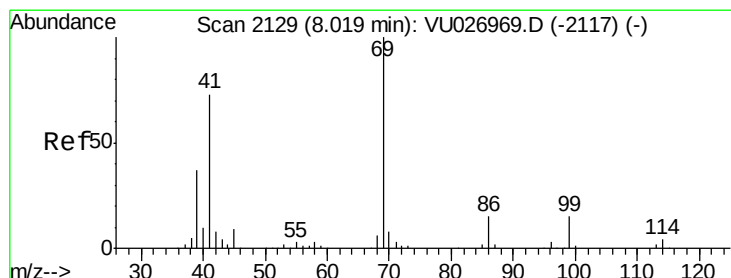
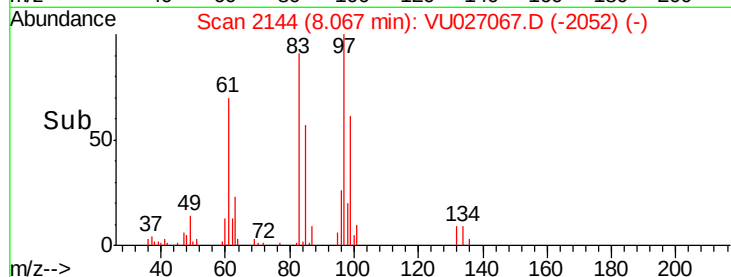
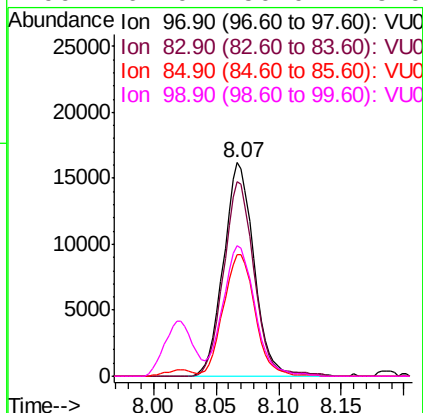
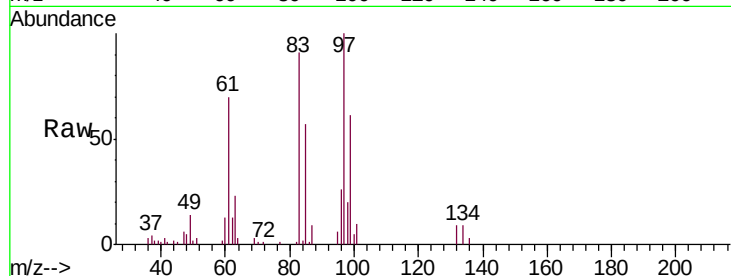




#55
 1,1,2-Trichloroethane
 Concen: 19.170 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

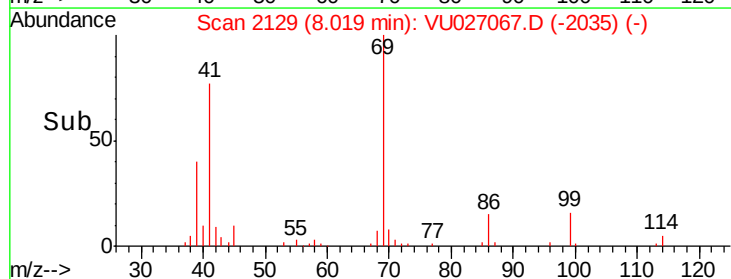
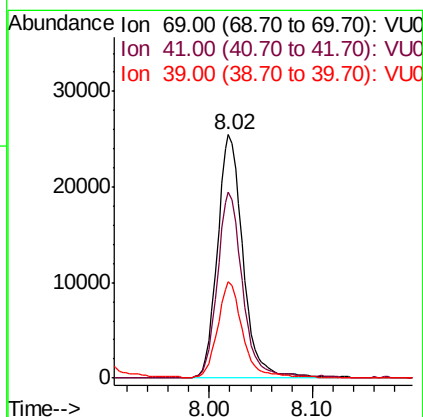
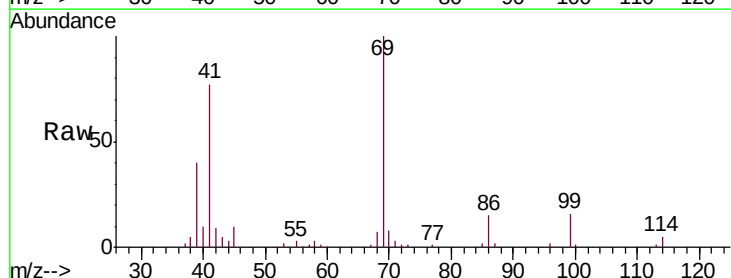
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

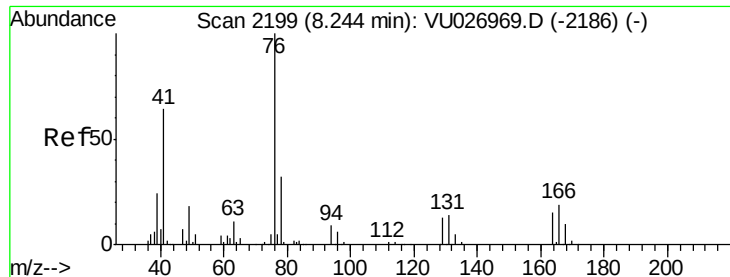
Tgt Ion:	97	Resp:	27318
Ion	Ratio	Lower	Upper
97	100		
83	91.1	73.1	109.7
85	56.9	46.7	70.1
99	61.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 19.185 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion:	69	Resp:	43940
Ion	Ratio	Lower	Upper
69	100		
41	75.5	59.0	88.4
39	39.0	30.2	45.4

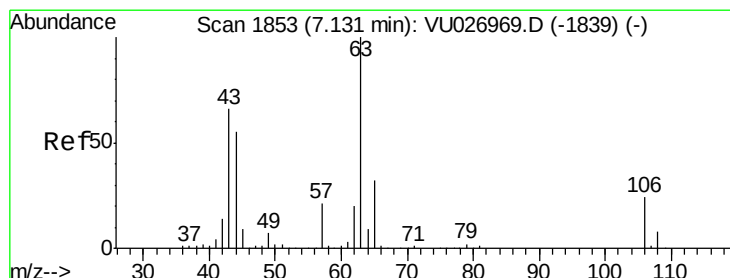
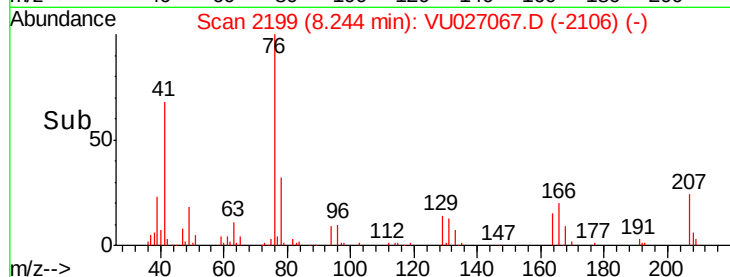
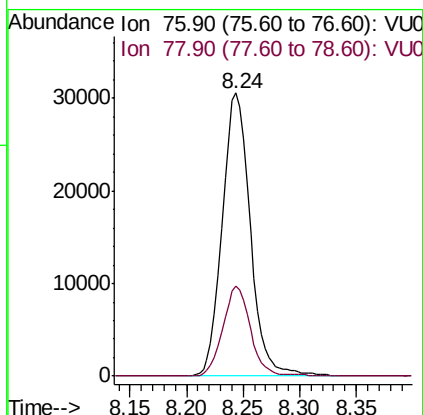
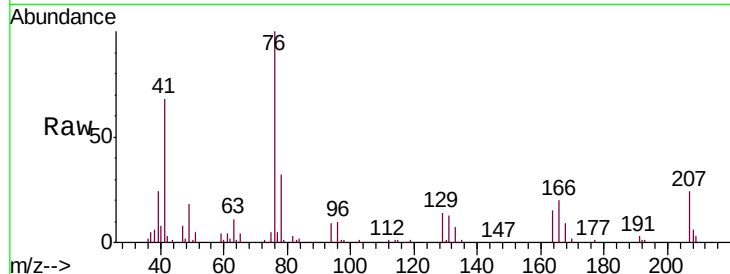




#57
 1,3-Dichloropropane
 Concen: 19.968 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

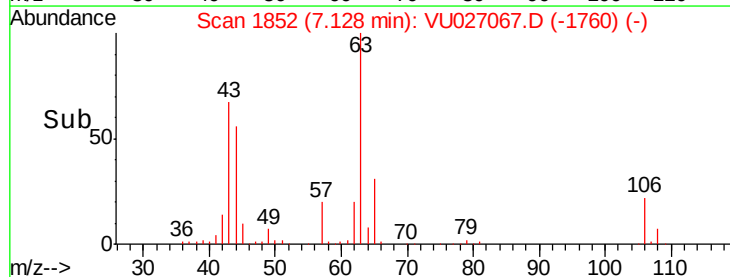
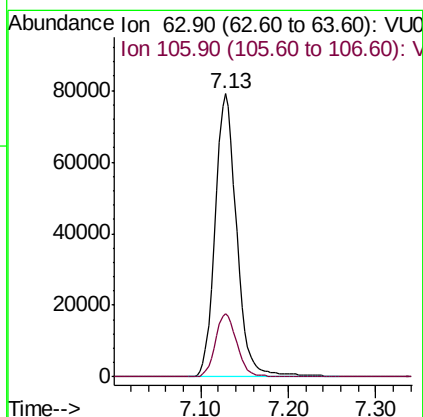
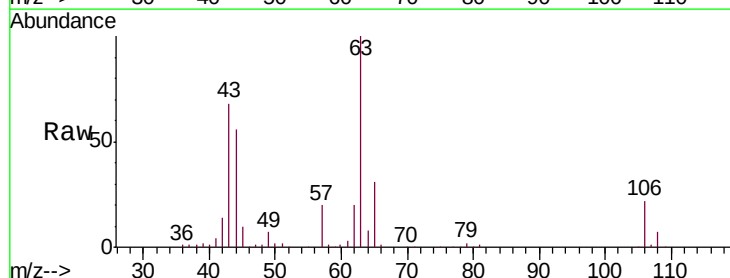
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

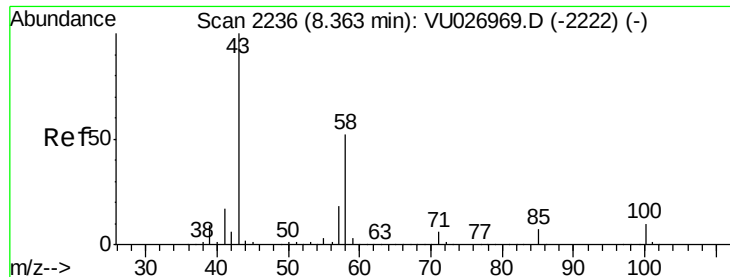
Tgt Ion: 76 Resp: 52923
 Ion Ratio Lower Upper
 76 100
 78 30.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.559 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion: 63 Resp: 135515
 Ion Ratio Lower Upper
 63 100
 106 22.5 18.7 28.1

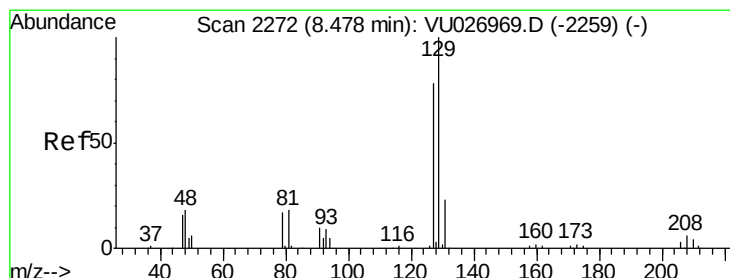
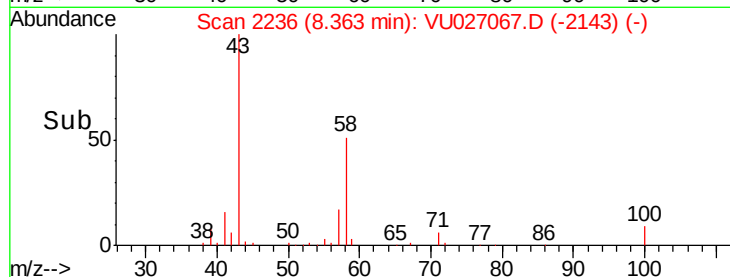
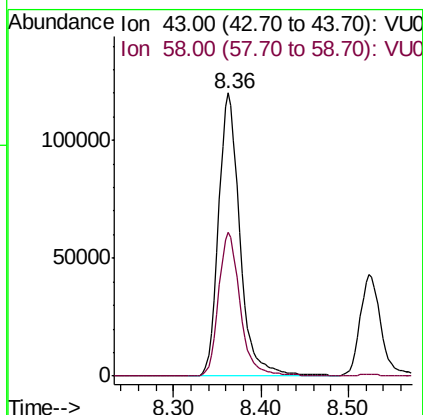
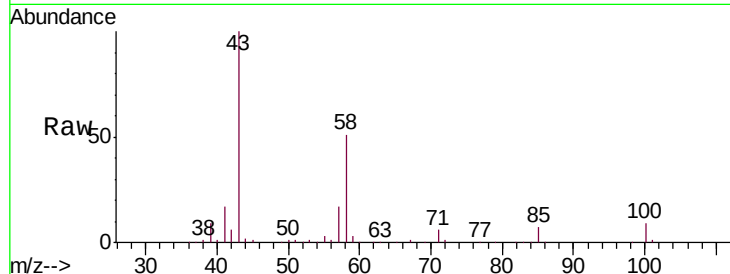




#59
2-Hexanone
Concen: 101.849 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

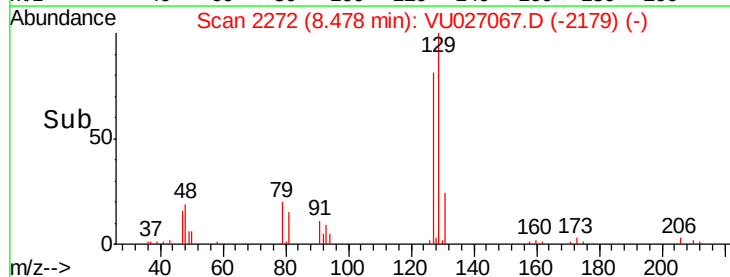
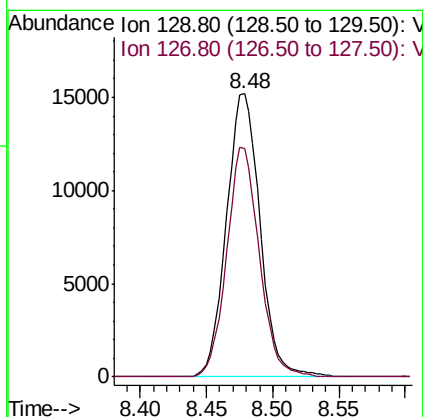
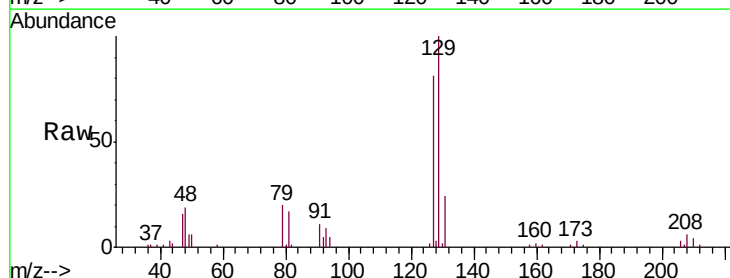
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

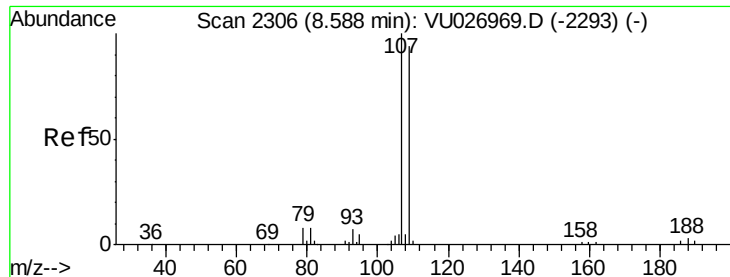
Tgt Ion: 43 Resp: 204307
Ion Ratio Lower Upper
43 100
58 51.3 26.1 78.2



#60
Dibromochloromethane
Concen: 19.174 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Tgt Ion: 129 Resp: 26801
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 18.804 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

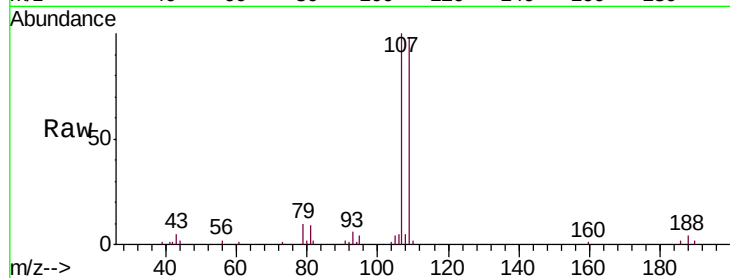
VU0923WBS02

Tgt Ion: 107 Resp: 27880

Ion Ratio Lower Upper

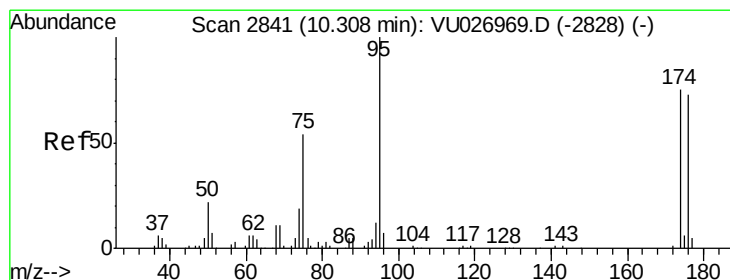
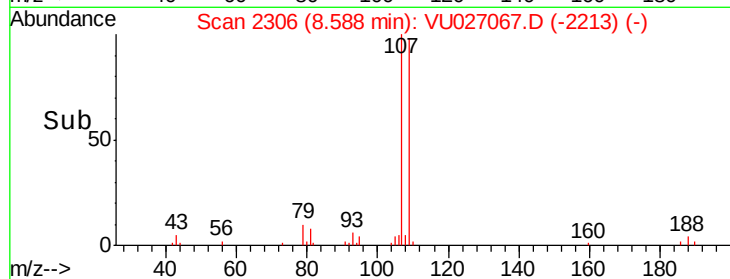
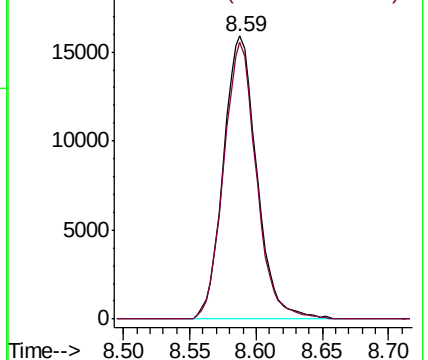
107 100

109 95.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.479 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

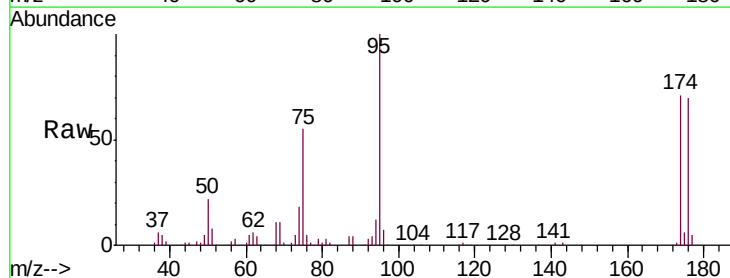
Tgt Ion: 95 Resp: 86021

Ion Ratio Lower Upper

95 100

174 71.9 0.0 150.2

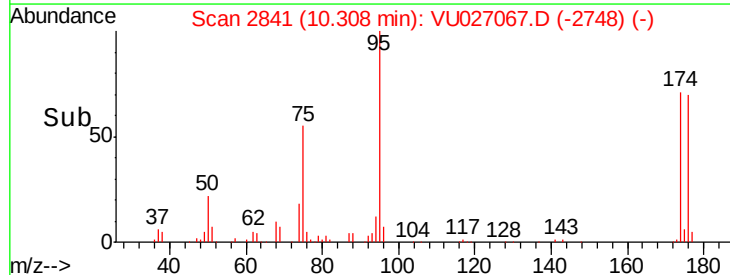
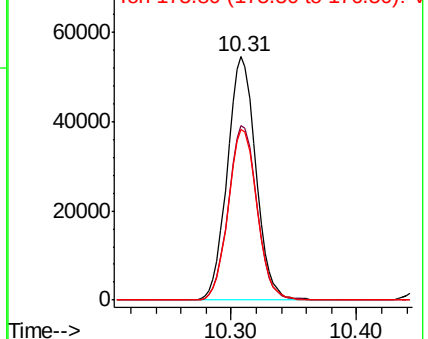
176 70.8 0.0 145.2

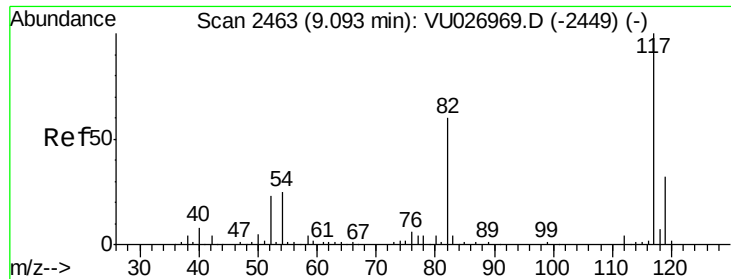


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

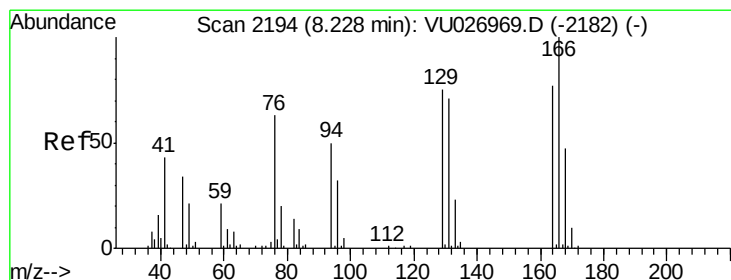
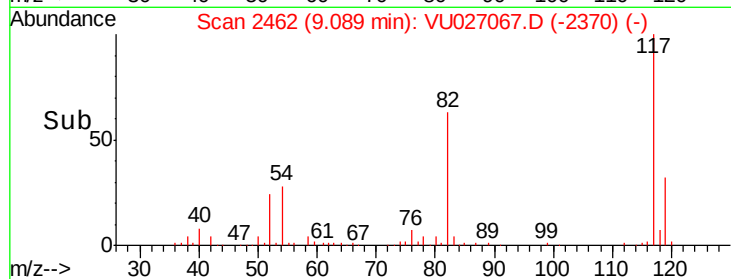
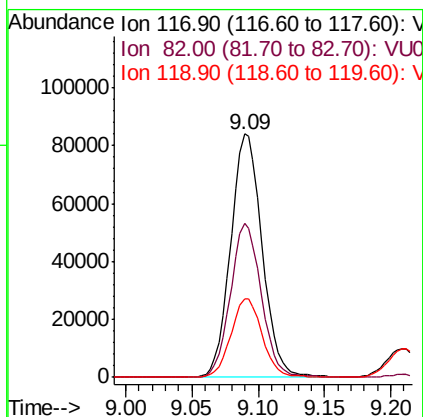
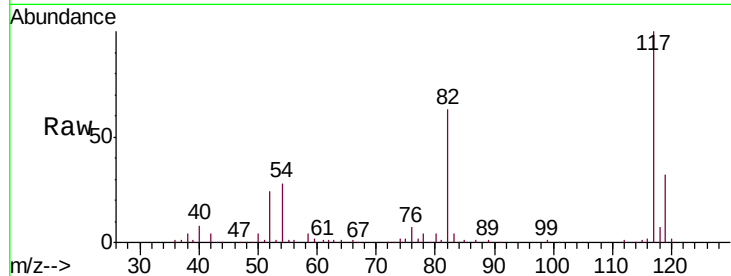




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

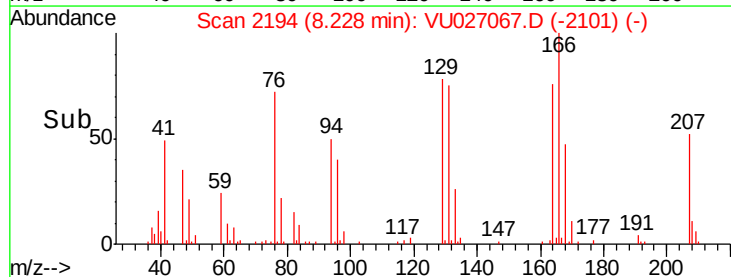
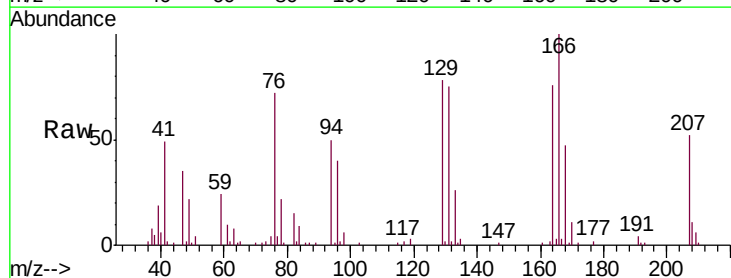
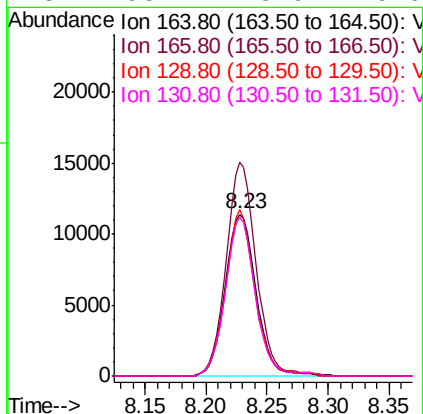
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

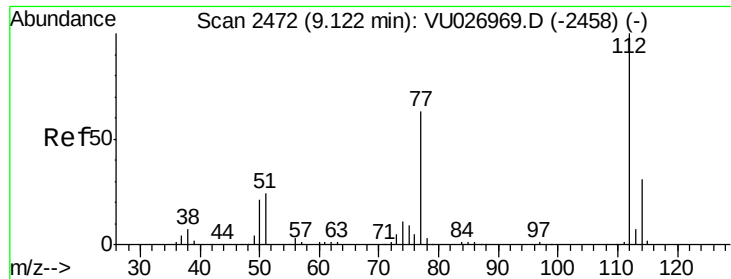
Tgt Ion:117 Resp: 138812
Ion Ratio Lower Upper
117 100
82 63.4 48.0 72.0
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 19.065 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Tgt Ion:164 Resp: 20393
Ion Ratio Lower Upper
164 100
166 131.9 104.4 156.6
129 102.4 78.7 118.1
131 98.4 73.9 110.9

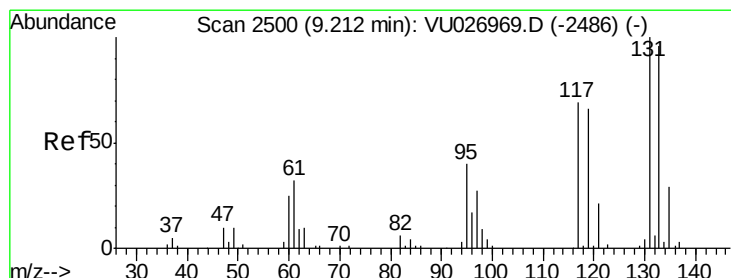
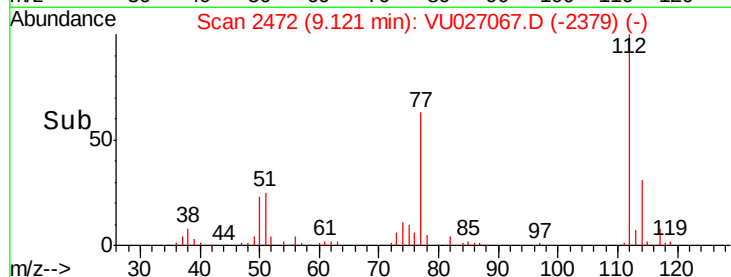
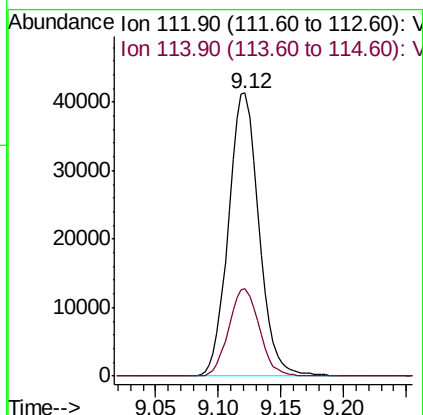
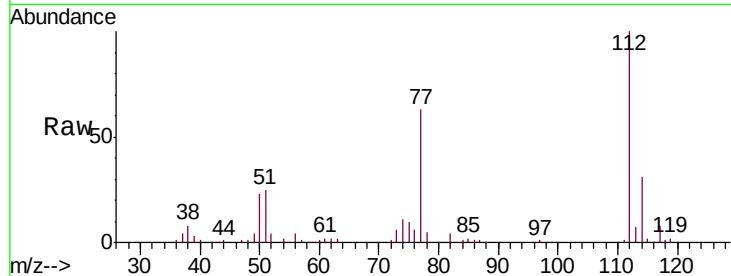




#65
Chlorobenzene
Concen: 18.967 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

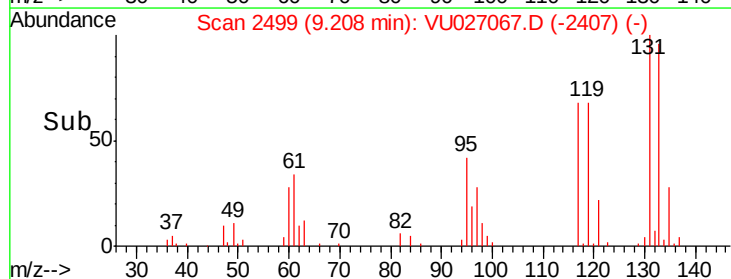
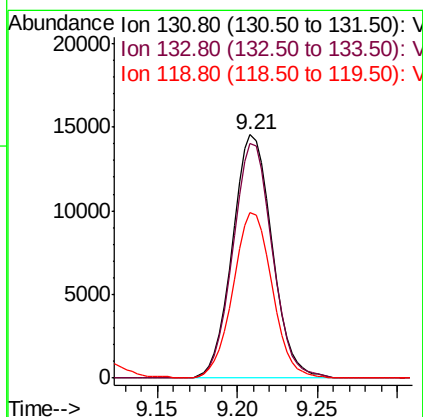
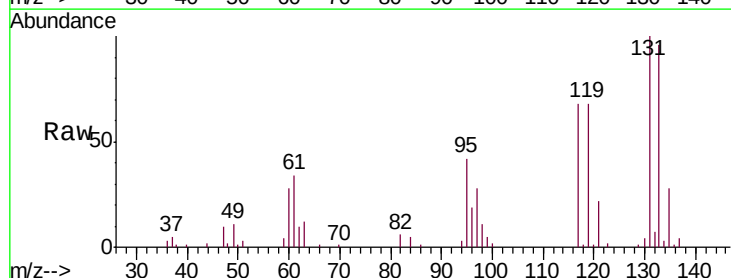
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

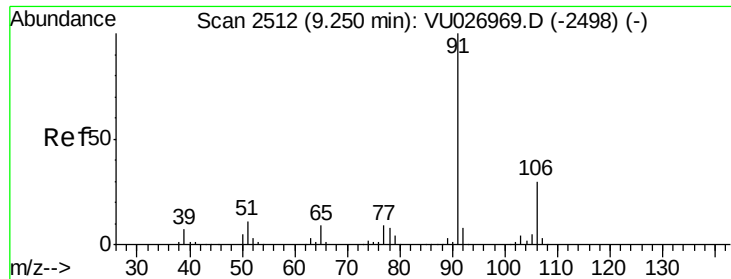
Tgt Ion:112 Resp: 69809
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.397 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Tgt Ion:131 Resp: 24590
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 66.9 33.4 100.1

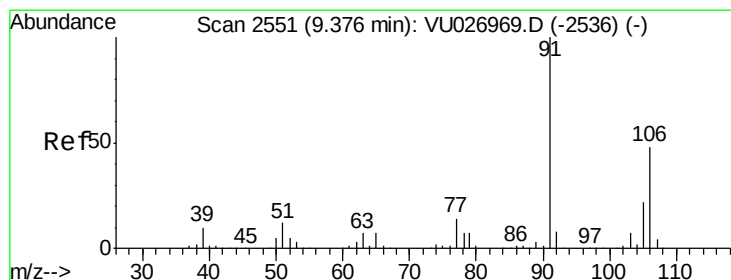
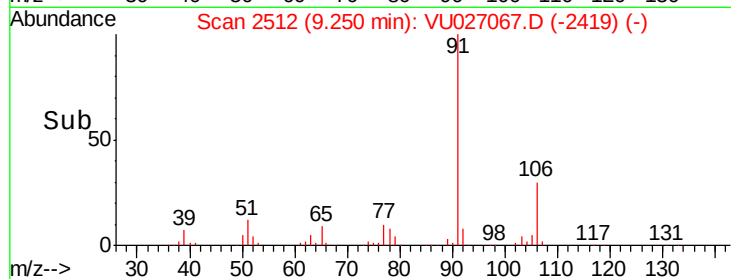
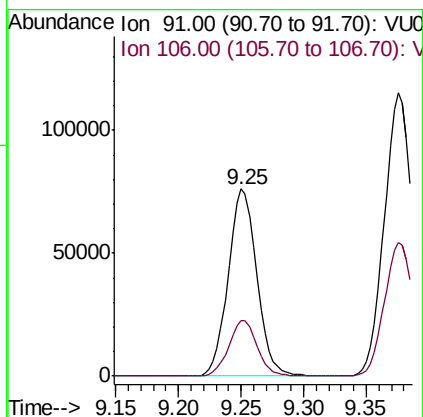
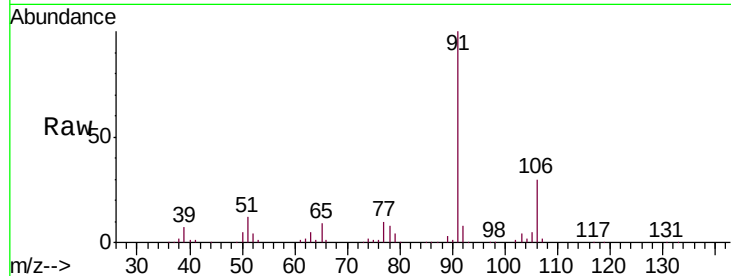




#67
 Ethyl Benzene
 Concen: 20.006 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

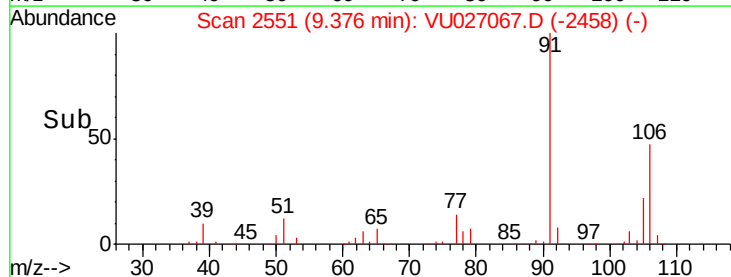
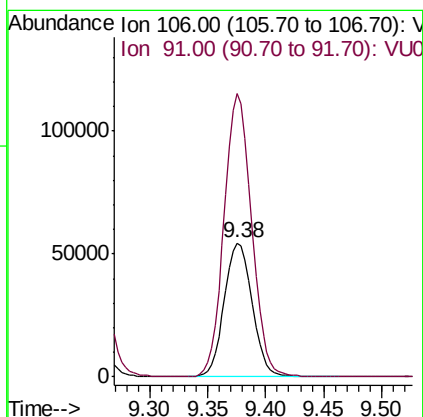
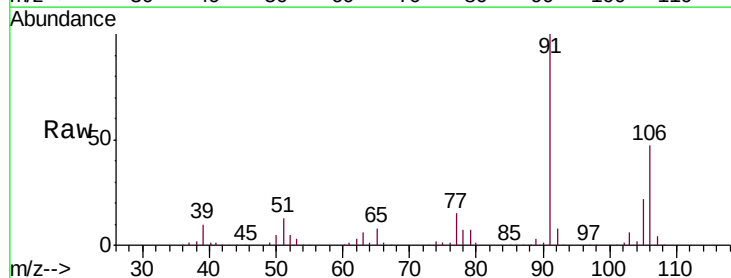
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

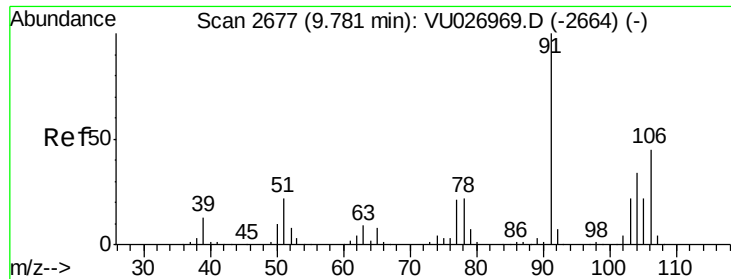
Tgt Ion: 91 Resp: 121081
 Ion Ratio Lower Upper
 91 100
 106 29.8 23.8 35.8



#68
 m/p-Xylenes
 Concen: 38.024 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion: 106 Resp: 90887
 Ion Ratio Lower Upper
 106 100
 91 206.9 166.5 249.7

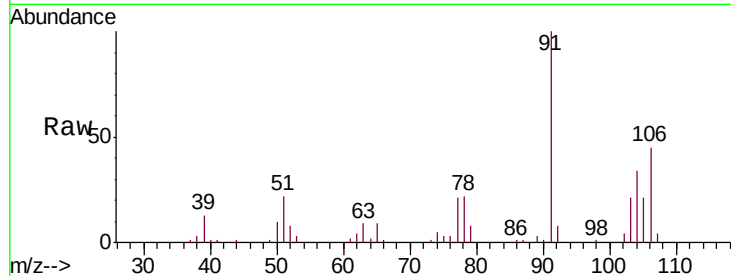




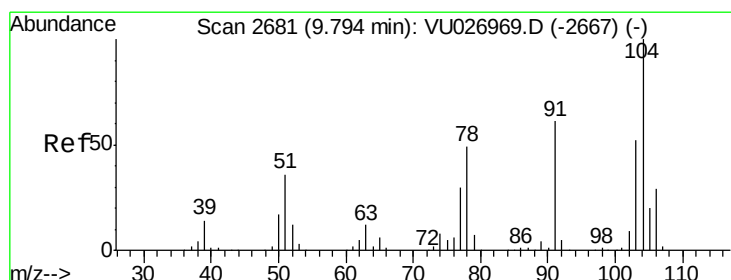
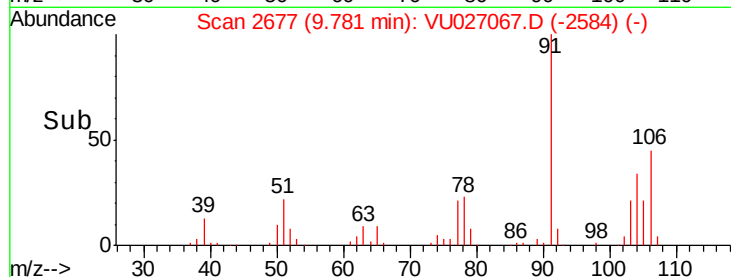
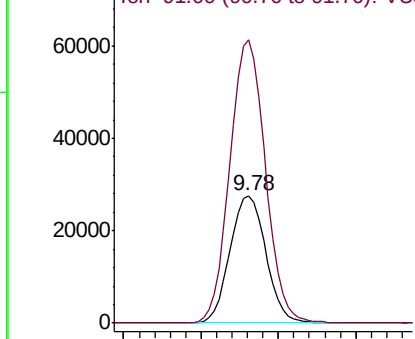
#69
o-Xylene
Concen: 20.671 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

Tgt Ion:106 Resp: 44328
Ion Ratio Lower Upper
106 100
91 220.6 110.2 330.6

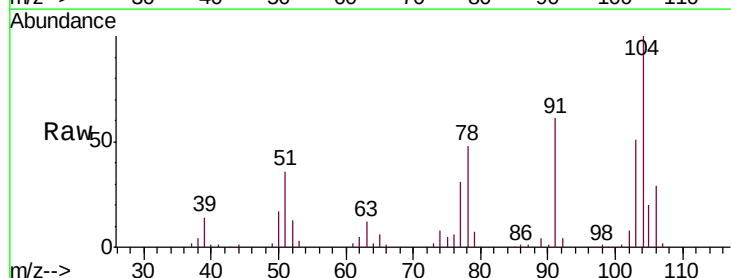


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

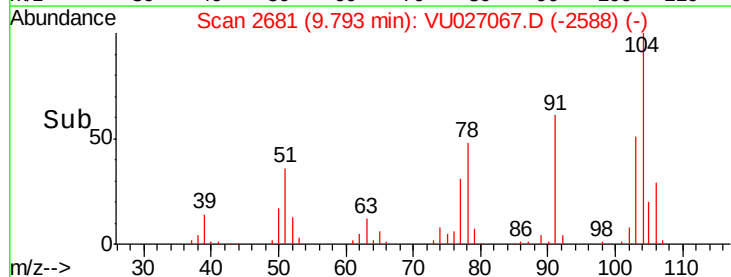
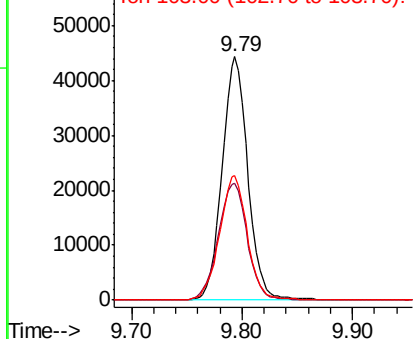


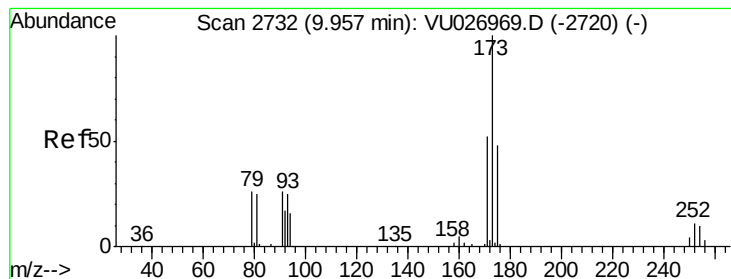
#70
Styrene
Concen: 19.052 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Tgt Ion:104 Resp: 71630
Ion Ratio Lower Upper
104 100
78 54.1 43.0 64.4
103 55.1 44.1 66.1



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





#71

Bromoform

Concen: 19.396 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

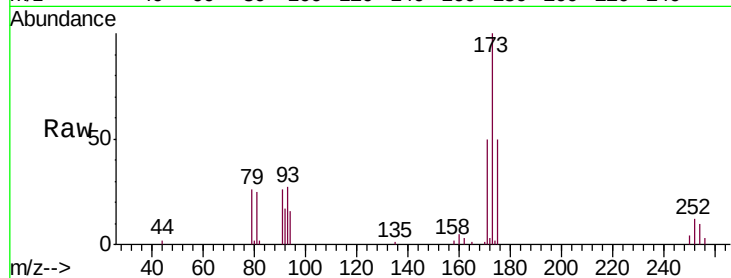
Tgt Ion:173 Resp: 19015

Ion Ratio Lower Upper

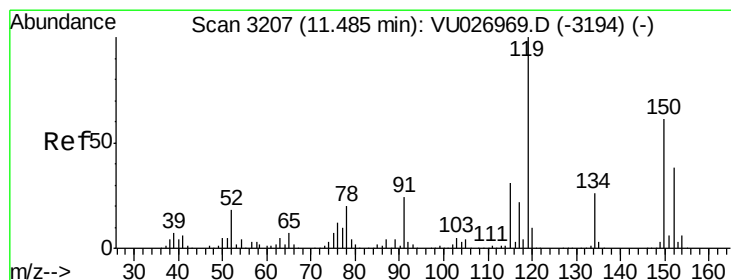
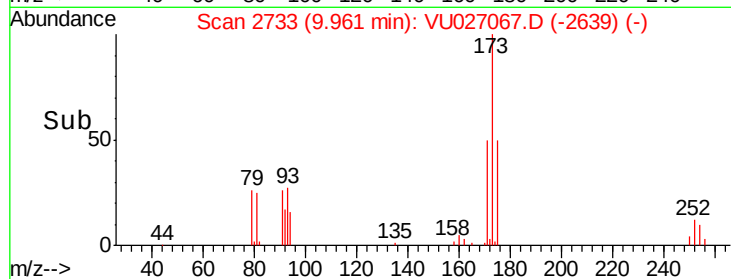
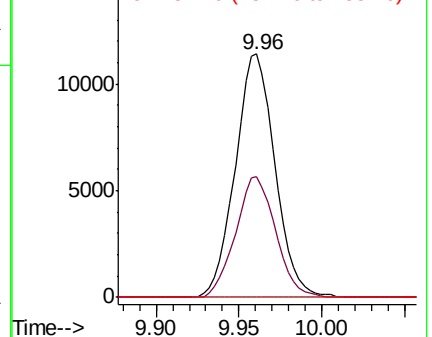
173 100

175 49.9 23.9 71.8

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# 3207

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

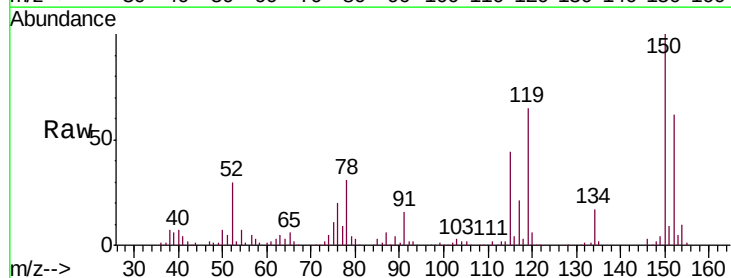
Tgt Ion:152 Resp: 71646

Ion Ratio Lower Upper

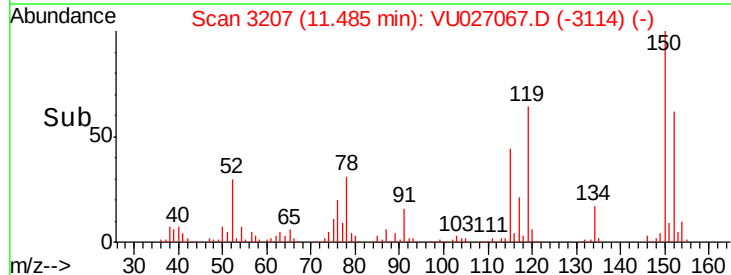
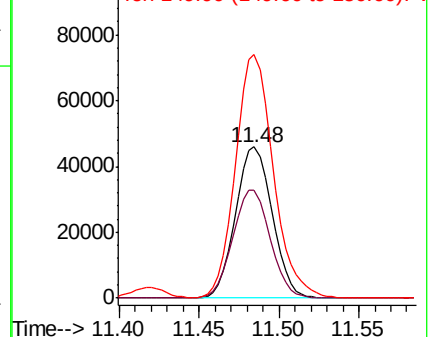
152 100

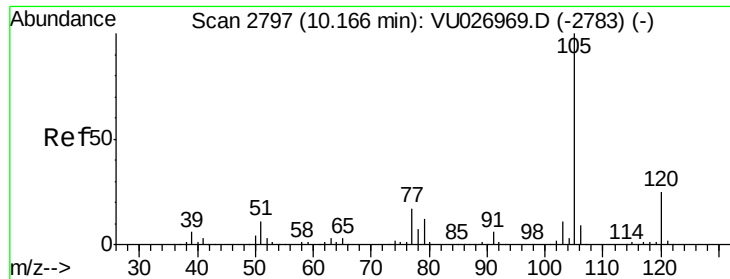
115 73.3 44.9 134.5

150 165.8 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.745 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

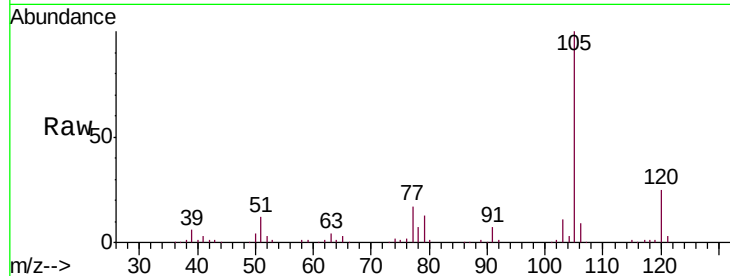
VU0923WBS02

Tgt Ion: 105 Resp: 118509

Ion Ratio Lower Upper

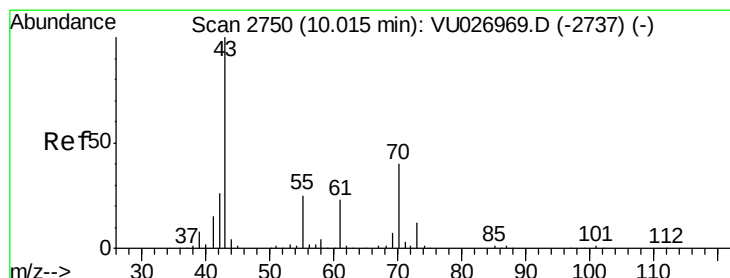
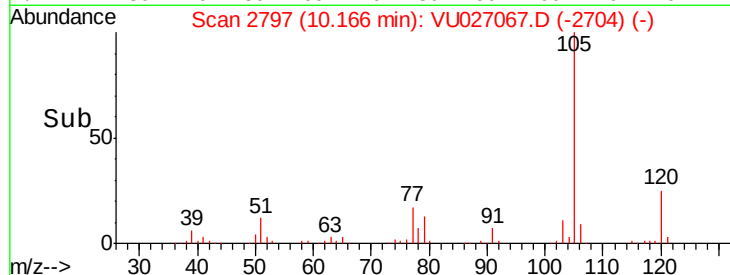
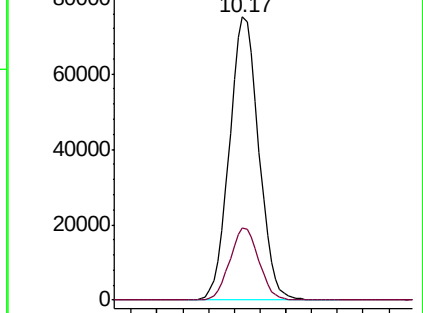
105 100

120 25.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 21.150 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Tgt Ion: 43 Resp: 66721

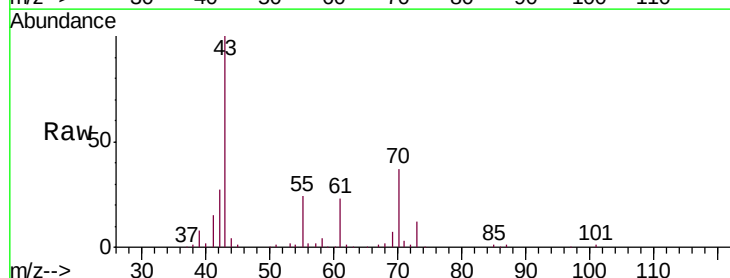
Ion Ratio Lower Upper

43 100

70 38.1 31.8 47.8

55 24.5 19.9 29.9

61 23.0 18.4 27.6

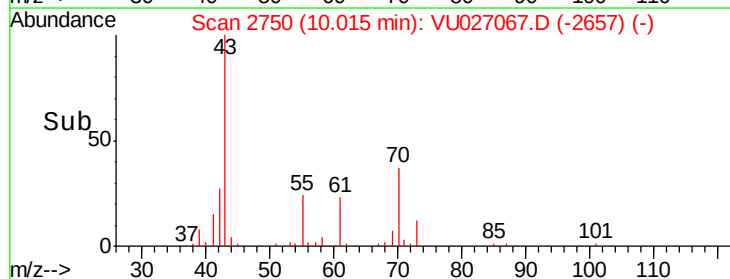
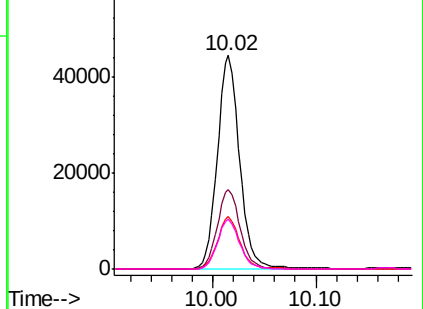


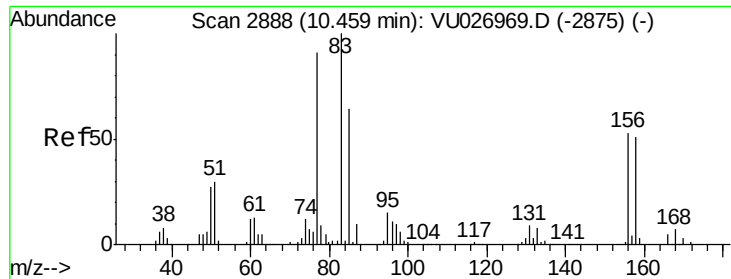
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 19.520 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

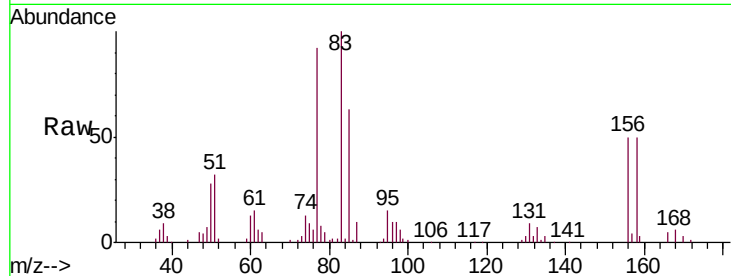
Tgt Ion: 83 Resp: 48912

Ion Ratio Lower Upper

83 100

131 8.3 4.3 12.8

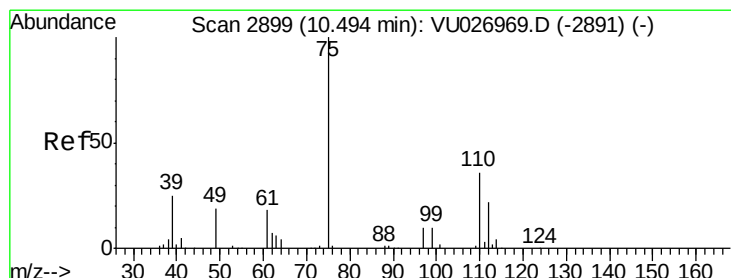
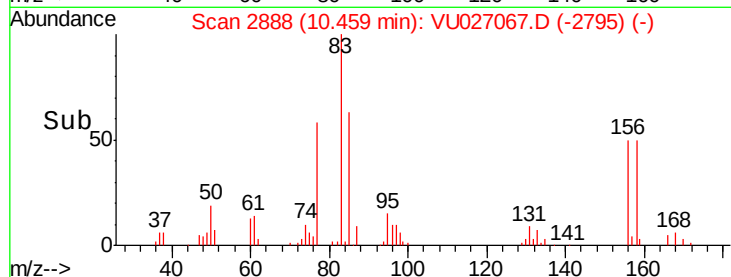
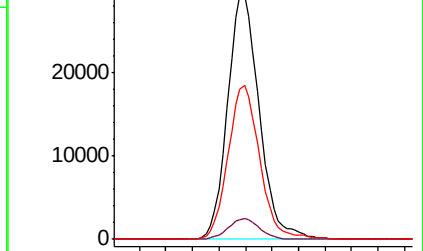
85 62.6 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU027067.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027067.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027067.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 26.548 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027067.D

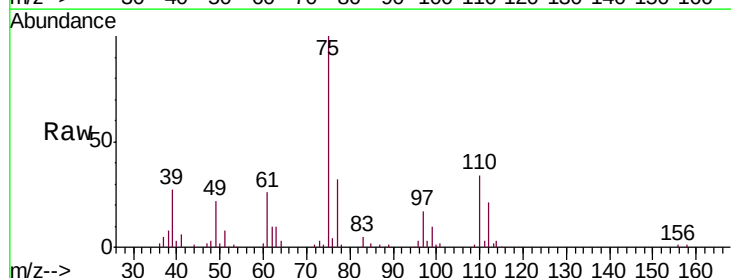
Acq: 23 Sep 2018 13:23

Tgt Ion: 75 Resp: 57784

Ion Ratio Lower Upper

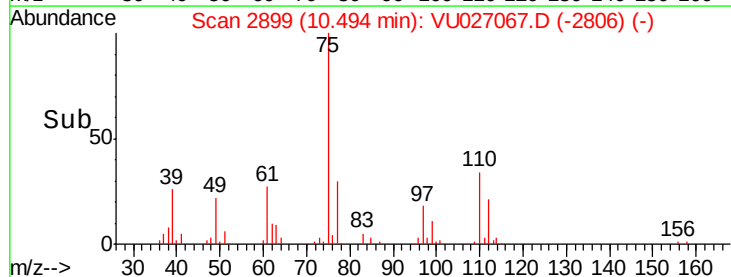
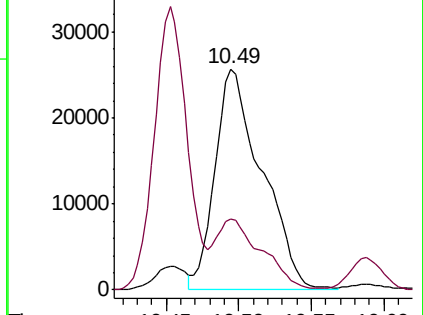
75 100

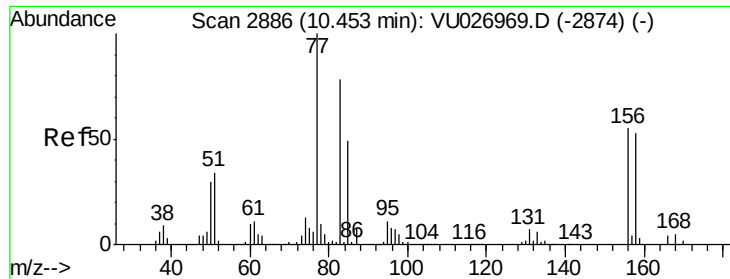
77 31.7 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027067.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027067.D (-2806) (-)





#77

Bromobenzene

Concen: 19.903 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

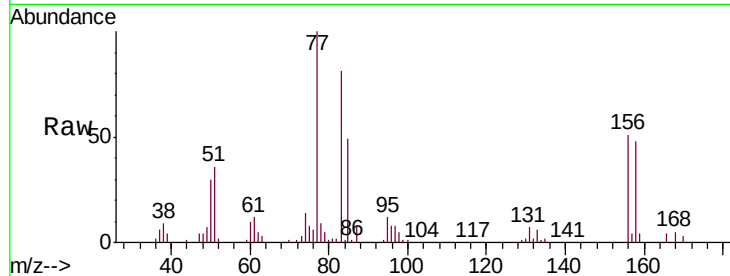
Tgt Ion:156 Resp: 26507

Ion Ratio Lower Upper

156 100

77 196.5 92.3 276.9

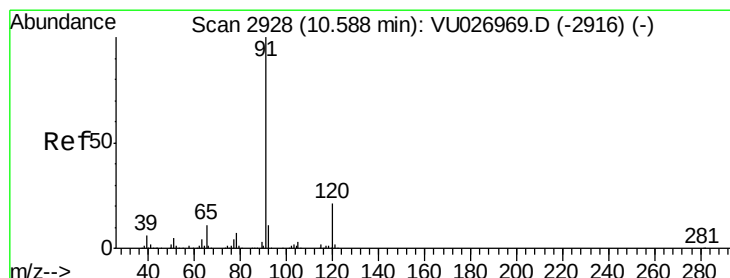
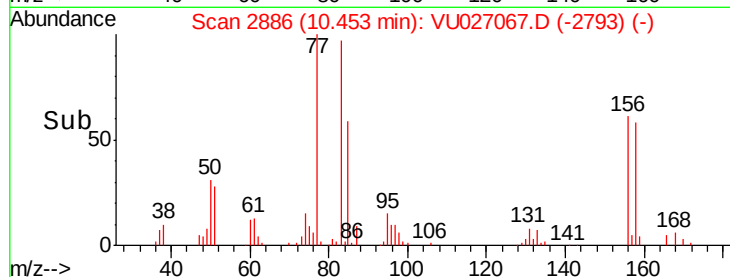
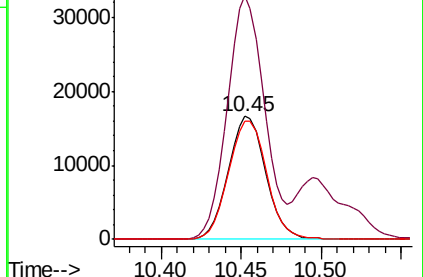
158 98.8 48.1 144.3



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: 21.788 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027067.D

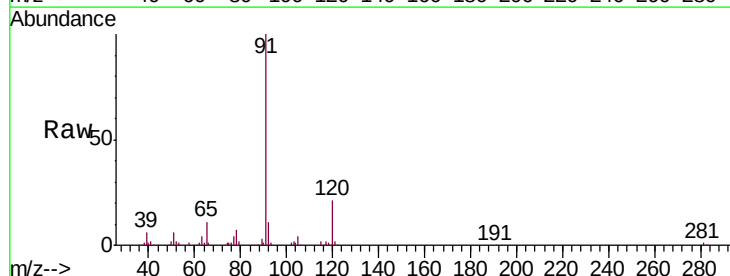
Acq: 23 Sep 2018 13:23

Tgt Ion: 91 Resp: 140503

Ion Ratio Lower Upper

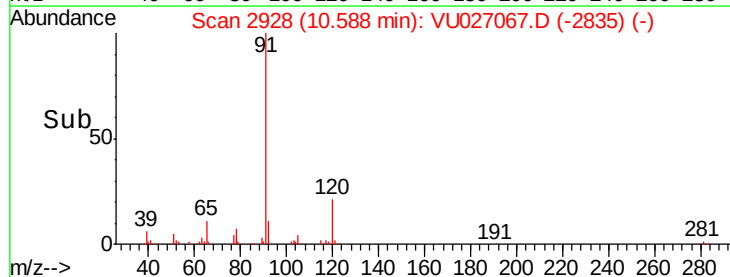
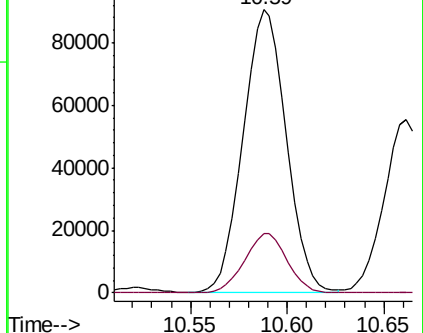
91 100

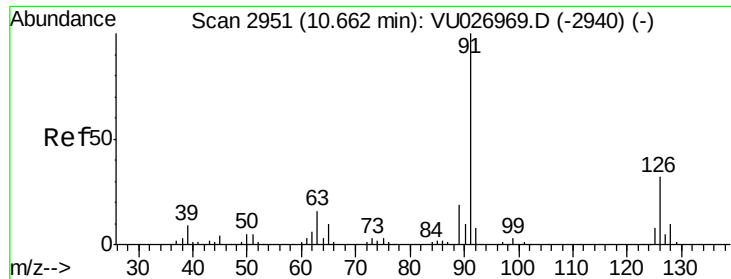
120 20.7 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

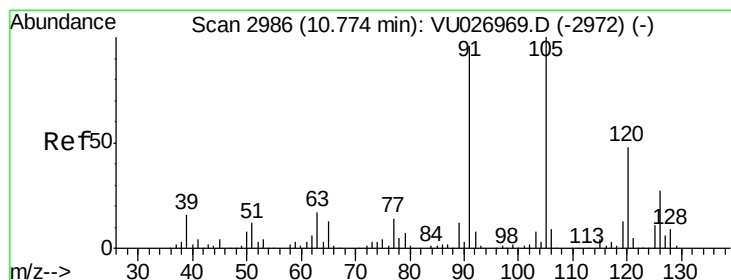
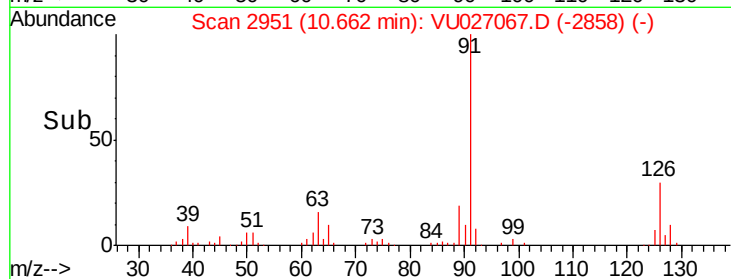
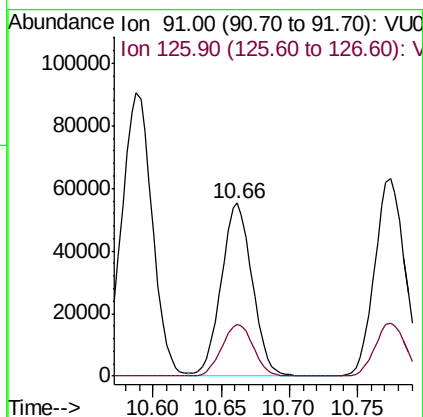
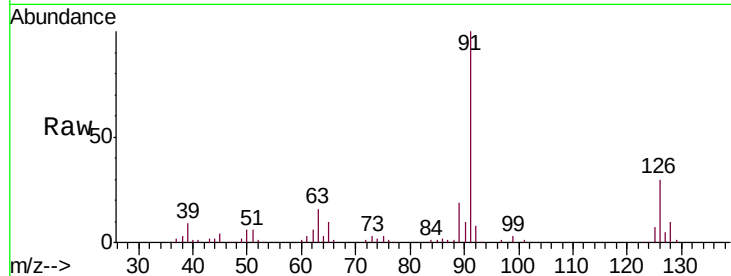




#79
 2-Chlorotoluene
 Concen: 21.587 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

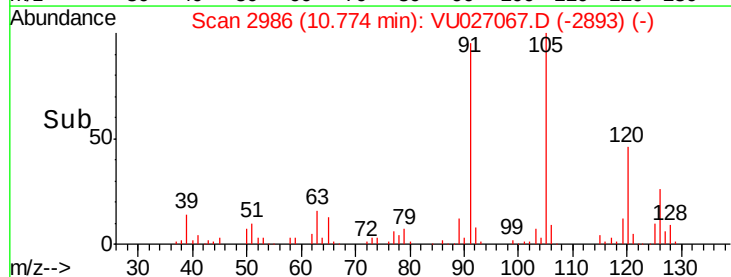
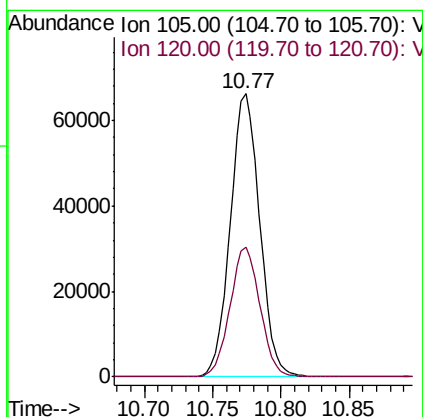
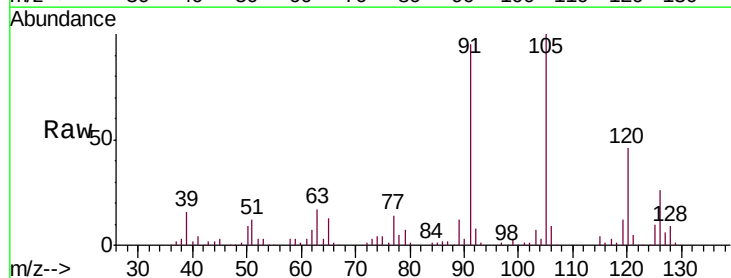
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

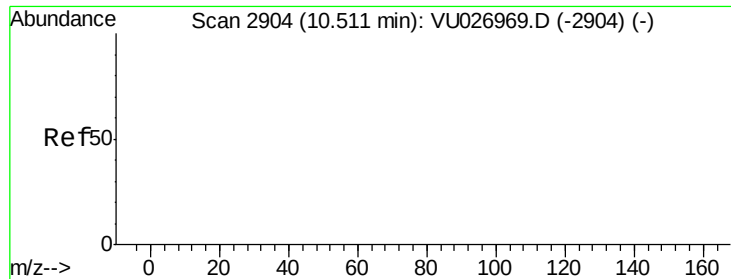
Tgt Ion: 91 Resp: 87441
 Ion Ratio Lower Upper
 91 100
 126 30.3 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 22.070 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion: 105 Resp: 99292
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 84.958 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

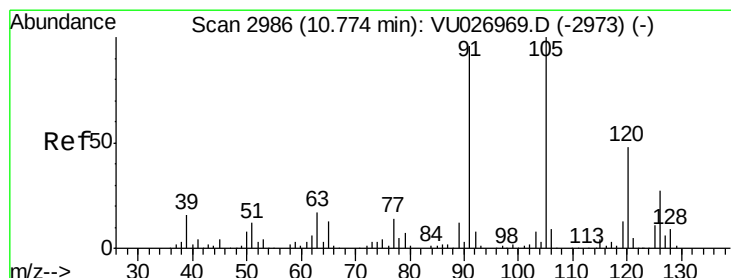
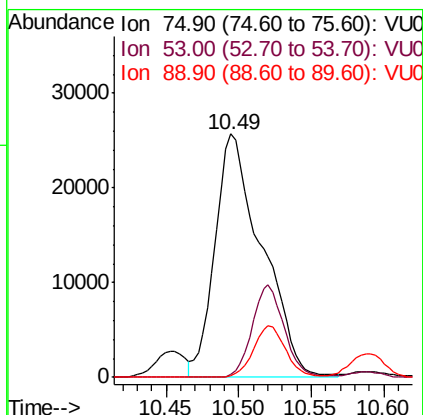
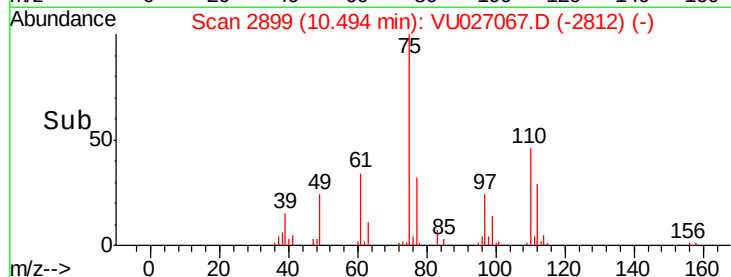
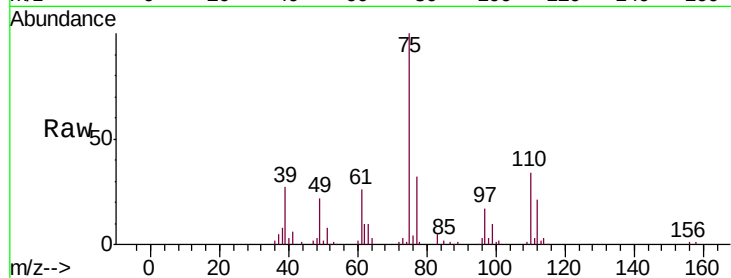
Tgt Ion: 75 Resp: 57784

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 21.549 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027067.D

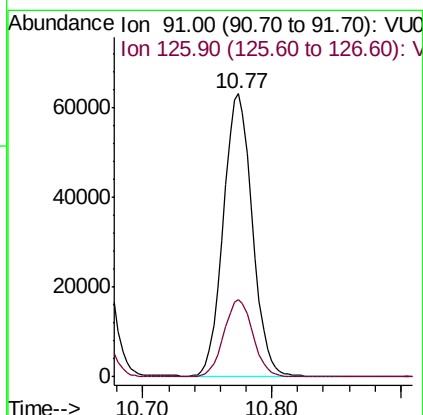
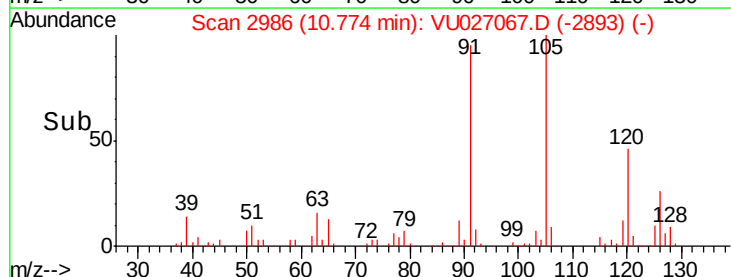
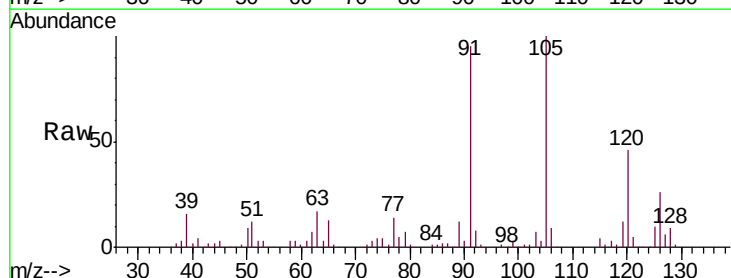
Acq: 23 Sep 2018 13:23

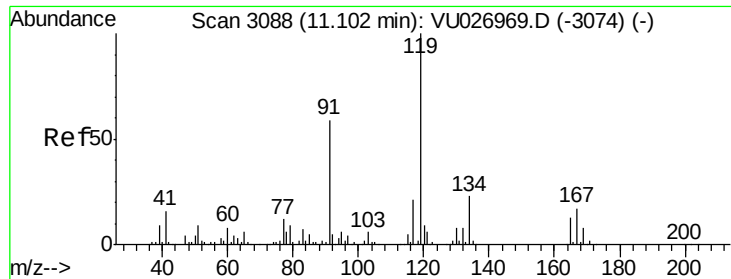
Tgt Ion: 91 Resp: 97870

Ion Ratio Lower Upper

91 100

126 27.5 14.1 42.2

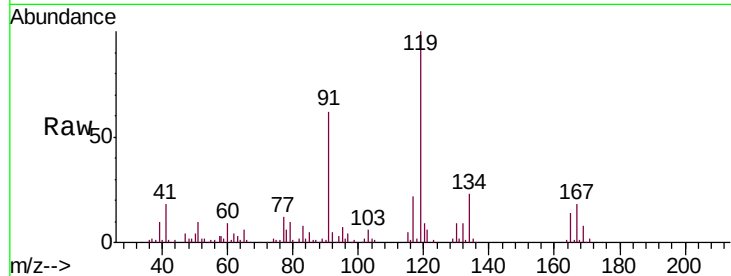




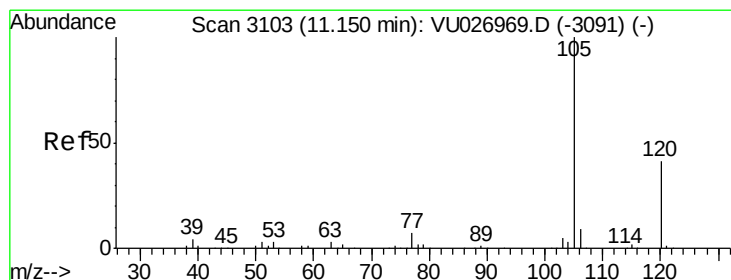
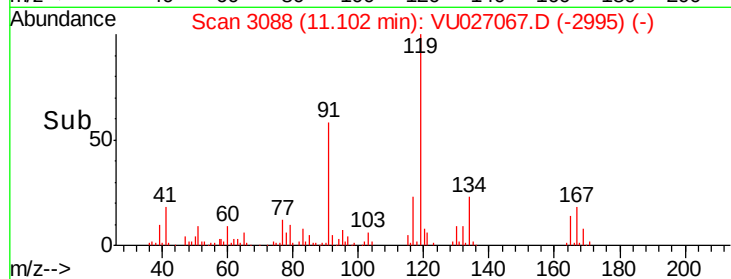
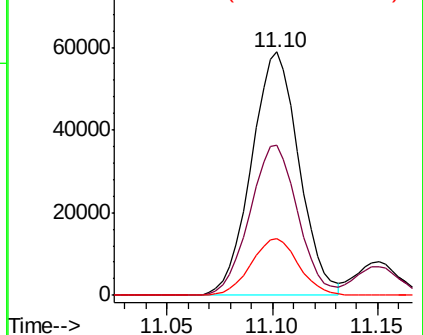
#83
 tert-Butylbenzene
 Concen: 20.752 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.3	29.8	89.4
134	23.1	11.5	34.4

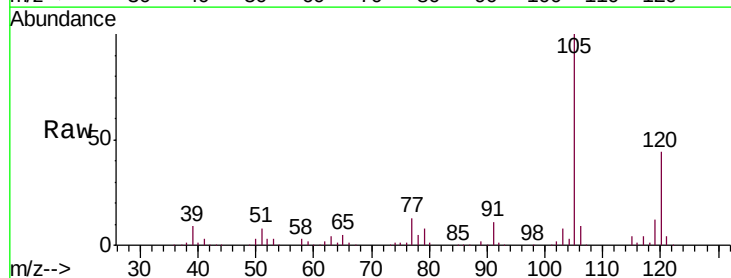


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

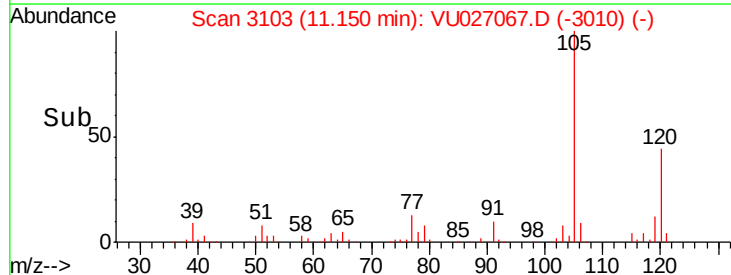
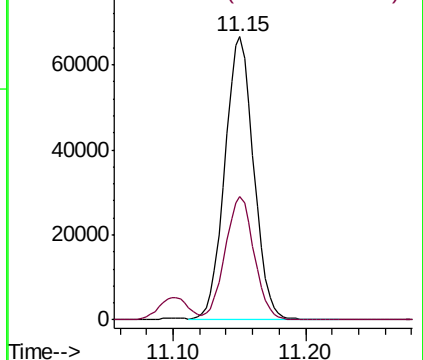


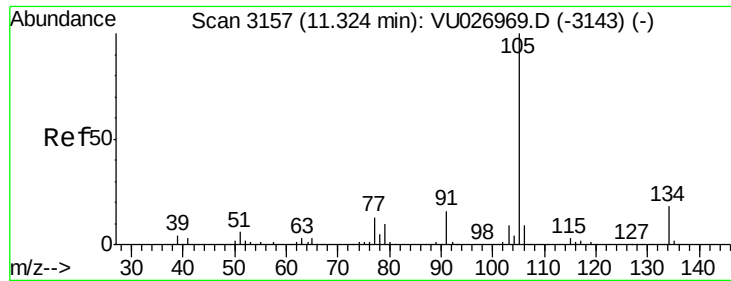
#84
 1,2,4-Trimethylbenzene
 Concen: 22.027 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.4	67.2



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

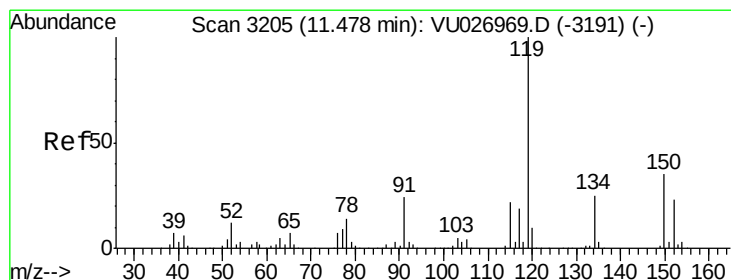
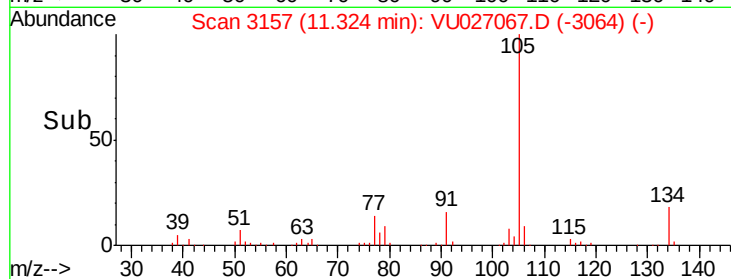
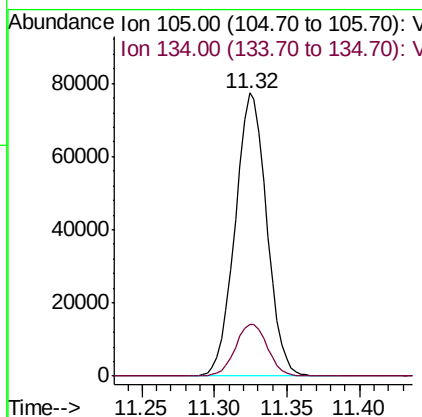
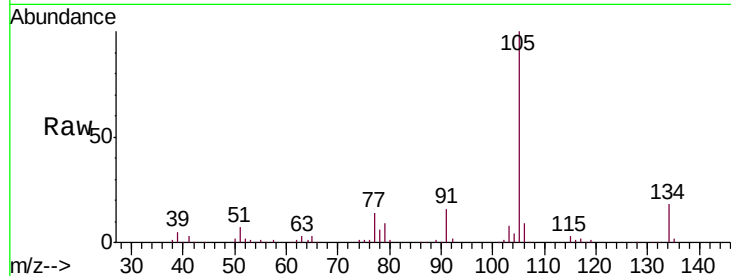




#85
 sec-Butylbenzene
 Concen: 21.545 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

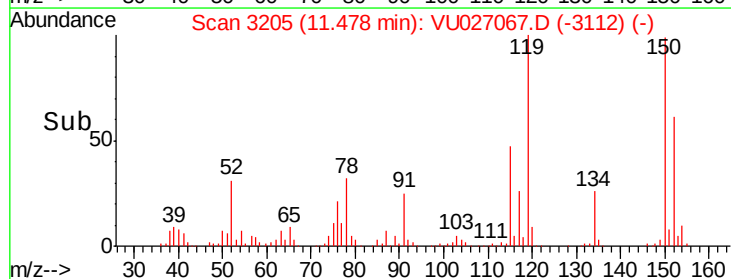
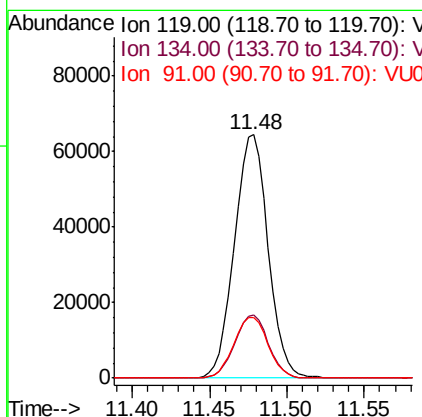
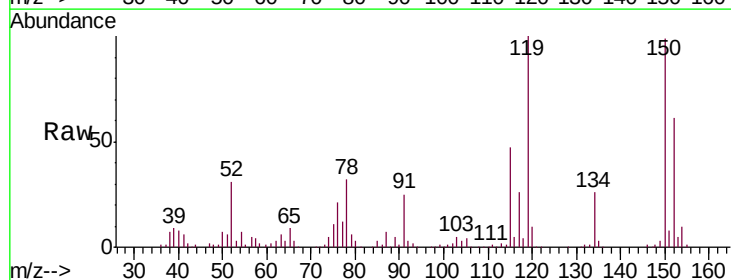
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

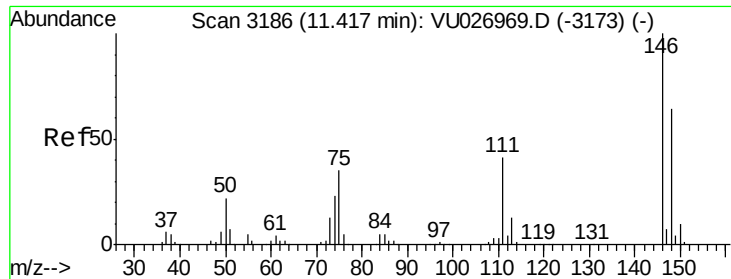
Tgt Ion:105 Resp: 116978
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 19.694 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion:119 Resp: 97417
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.5 12.3 36.8

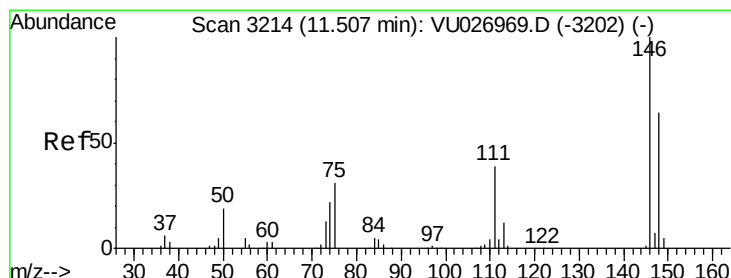
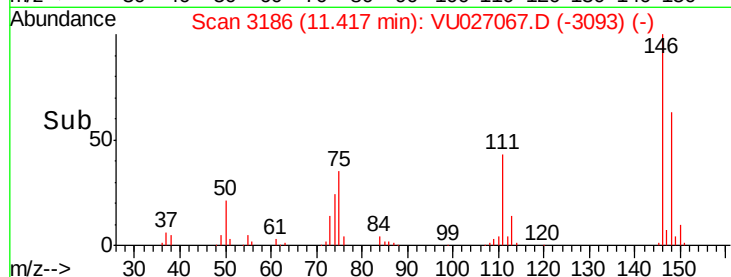
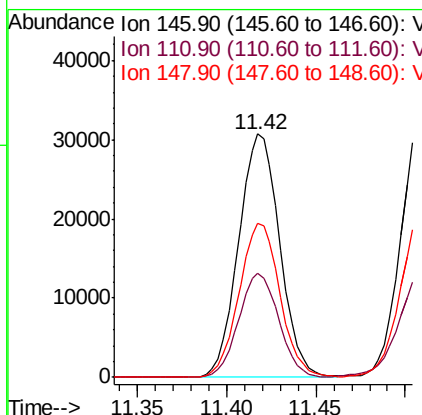
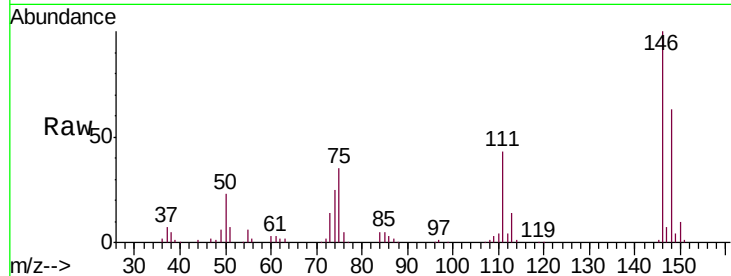




#87
 1,3-Dichlorobenzene
 Concen: 19.869 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

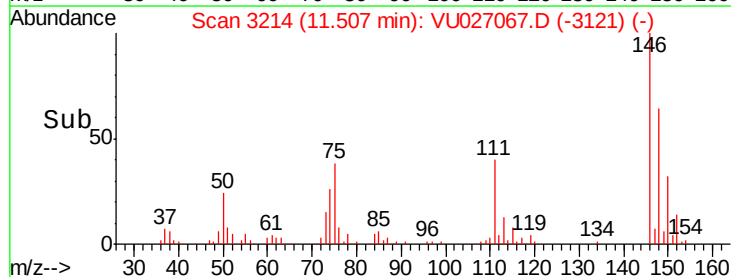
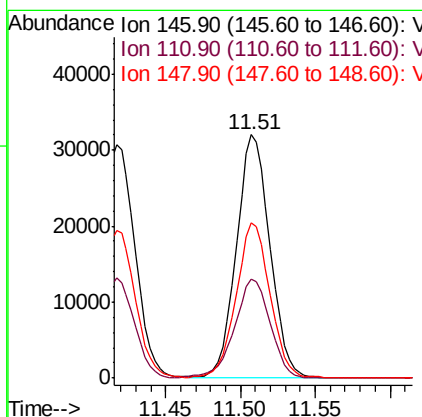
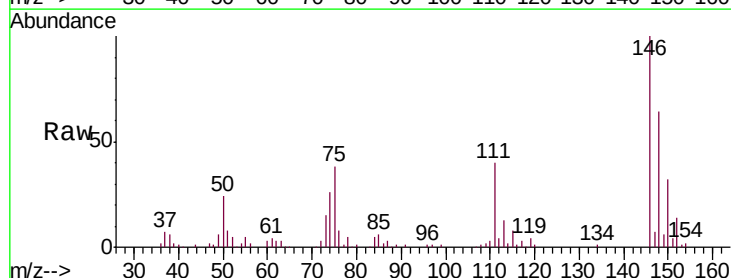
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

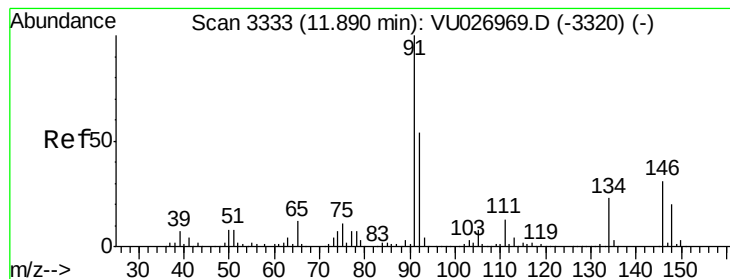
Tgt Ion:146 Resp: 49243
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.2
 148 62.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.526 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion:146 Resp: 50042
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.3 60.9
 148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 19.100 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027067.D

Acq: 23 Sep 2018 13:23

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS02

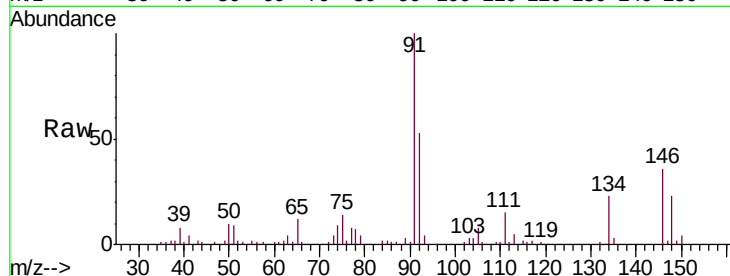
Tgt Ion: 91 Resp: 86659

Ion Ratio Lower Upper

91 100

92 53.0 27.1 81.2

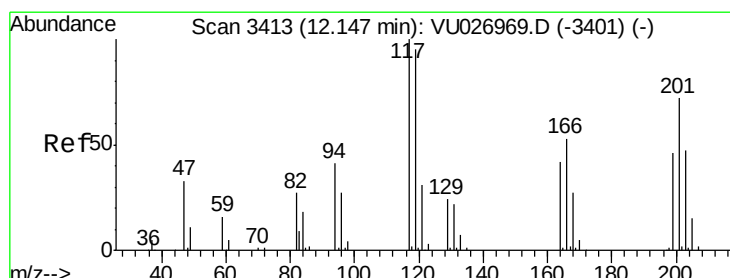
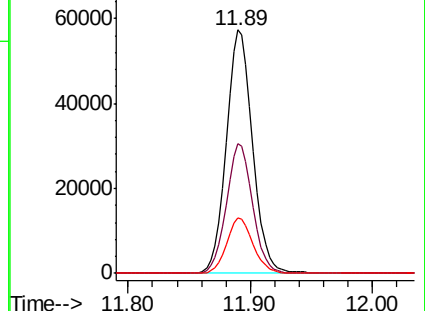
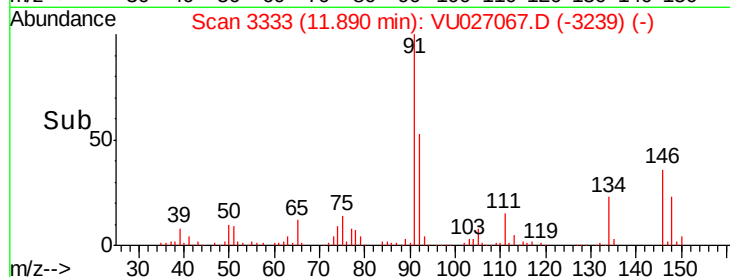
134 22.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)



#90

Hexachloroethane

Concen: 19.478 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VU027067.D

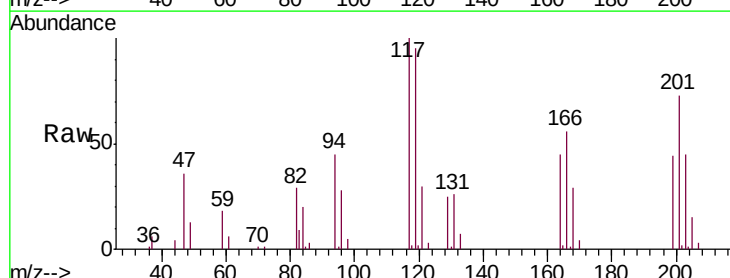
Acq: 23 Sep 2018 13:23

Tgt Ion: 117 Resp: 19231

Ion Ratio Lower Upper

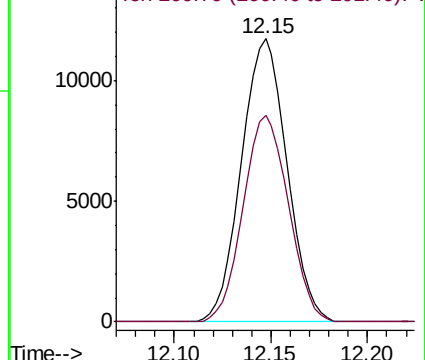
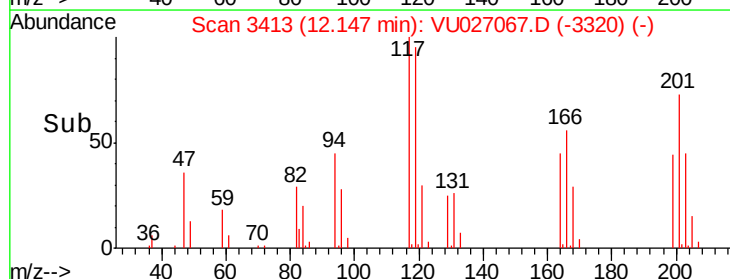
117 100

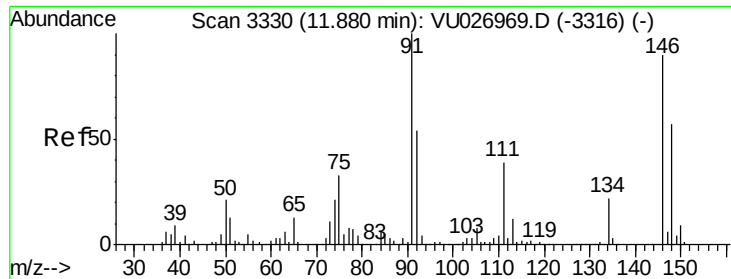
201 72.5 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)

Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)

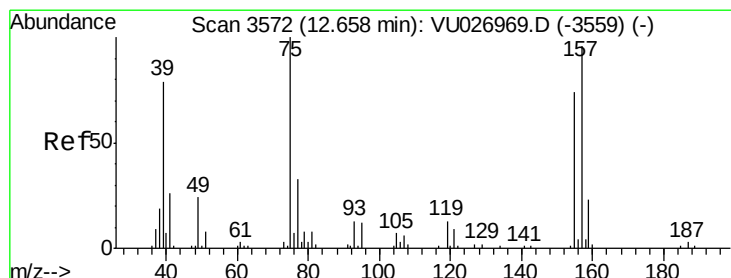
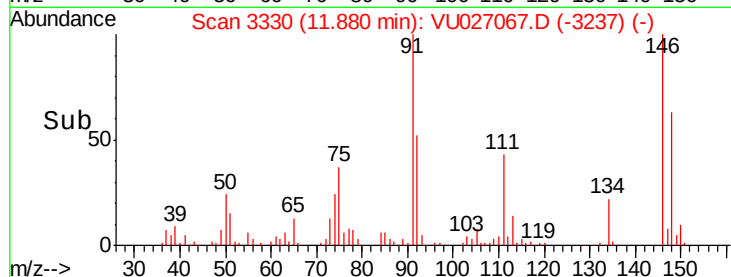
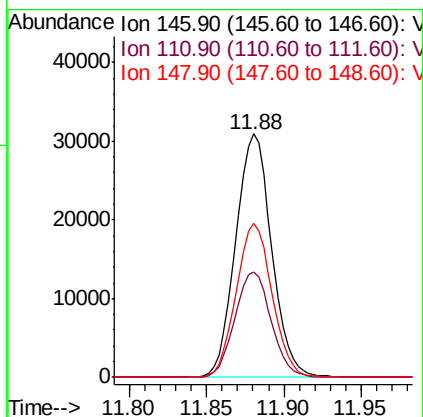
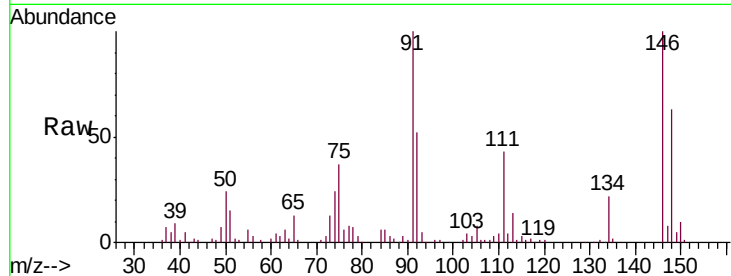




#91
 1,2-Dichlorobenzene
 Concen: 18.955 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

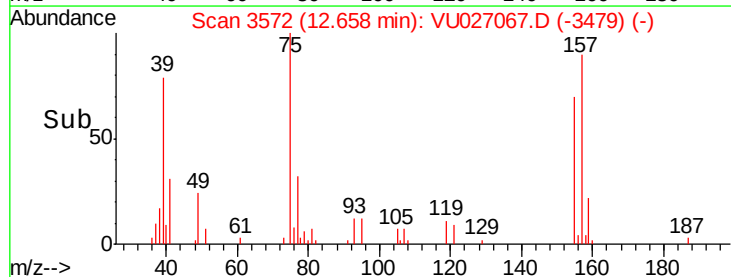
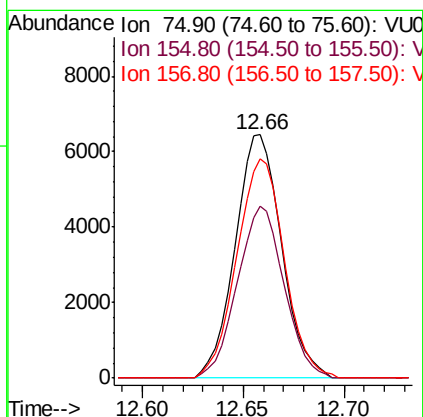
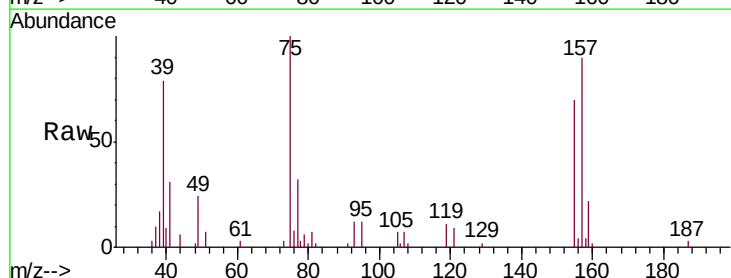
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

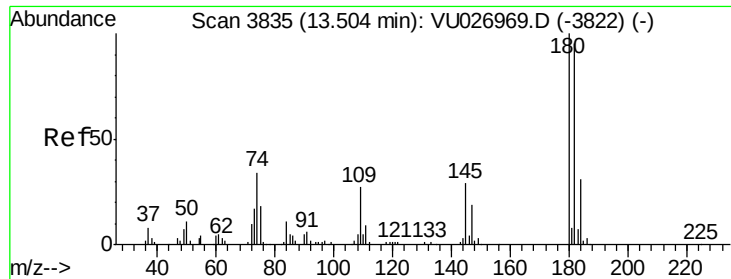
Tgt Ion: 146 Resp: 49900
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.8 65.3
 148 63.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.417 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion: 75 Resp: 10437
 Ion Ratio Lower Upper
 75 100
 155 70.7 36.6 109.8
 157 91.7 47.4 142.2

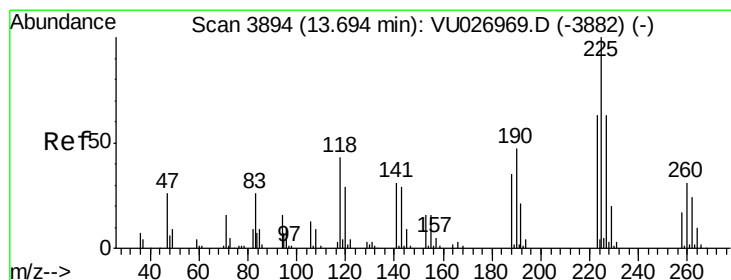
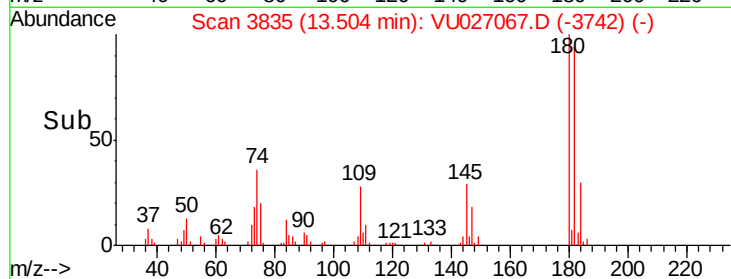
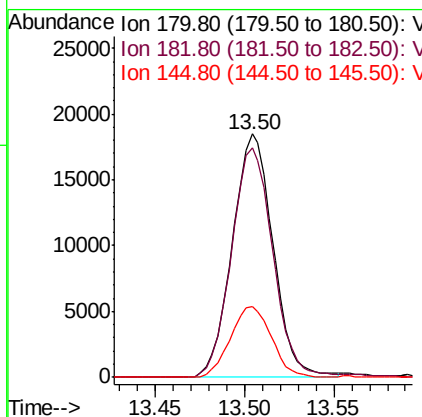
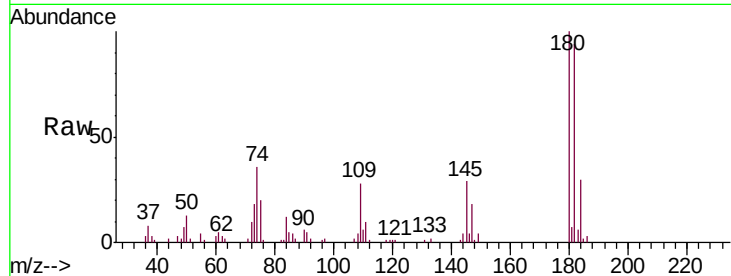




#93
 1,2,4-Trichlorobenzene
 Concen: 19.363 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

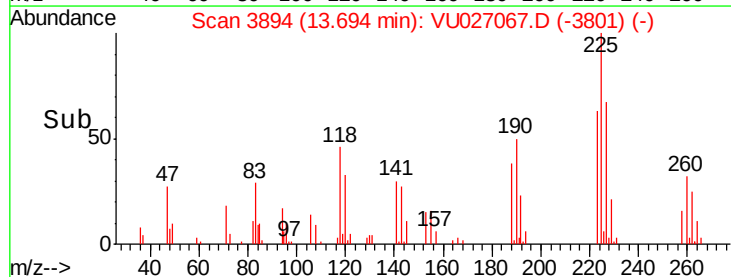
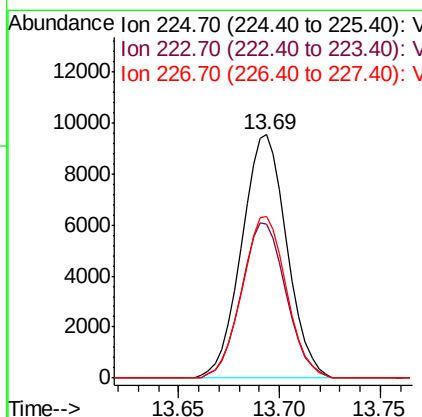
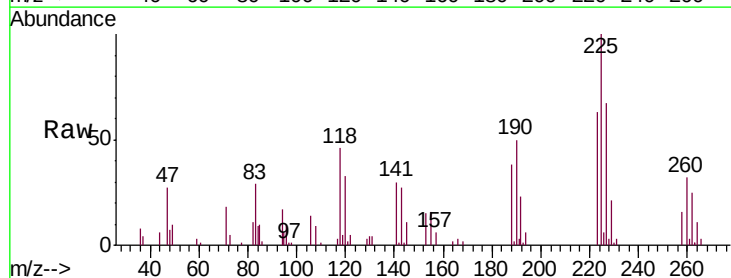
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

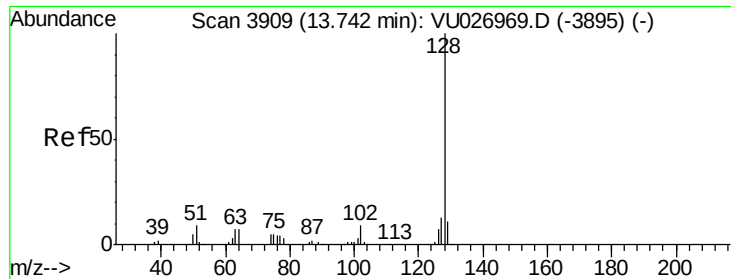
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.4	142.2
145	29.1	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 18.630 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027067.D
 Acq: 23 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.9	95.7
227	65.3	32.1	96.5

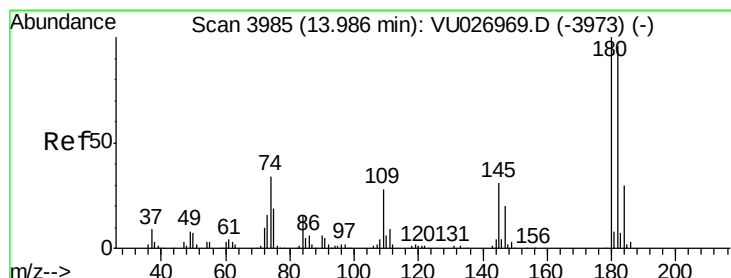
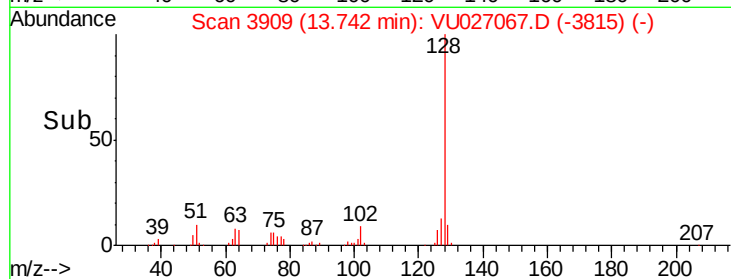
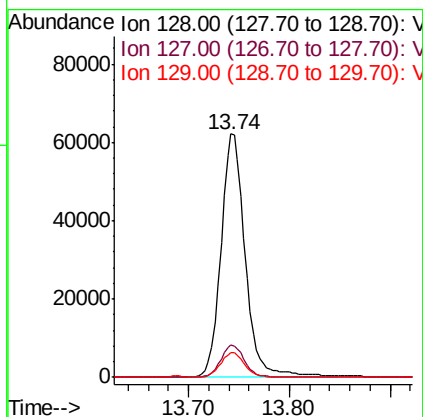
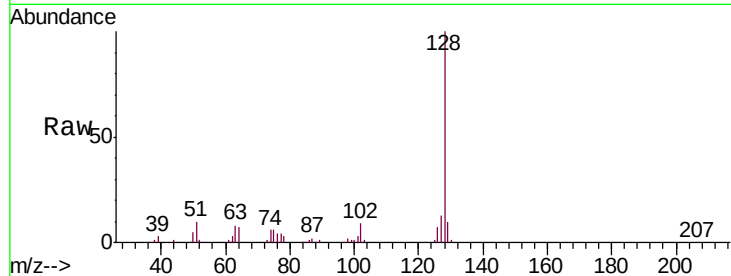




#95
Naphthalene
Concen: 18.740 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS02

Tgt Ion:128 Resp: 104674
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.568 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027067.D
Acq: 23 Sep 2018 13:23

Tgt Ion:180 Resp: 31835
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 31.1 15.4 46.4

