

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027367.D
 Acq On : 03 Oct 2018 19:56
 Operator : MD/SY
 Sample : VU1004WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

Quant Time: Oct 03 23:58:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	107488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	181676	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	167311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	83112	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	86599	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	4.89	113	61927	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	7.57	98	231899	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	10.31	95	80509	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	30499	19.681	ug/l	96
3) Chloromethane	1.33	50	40580	19.342	ug/l	97
4) Vinyl Chloride	1.40	62	37355	18.941	ug/l	98
5) Bromomethane	1.62	94	18992	22.255	ug/l	98
6) Chloroethane	1.70	64	21416	18.071	ug/l	97
7) Trichlorofluoromethane	1.89	101	40006	19.992	ug/l	98
8) Diethyl Ether	2.11	74	17578	19.069	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	22704	19.537	ug/l	99
10) Methyl Iodide	2.41	142	26290	29.875	ug/l	99
11) Tert butyl alcohol	2.83	59	34040	90.060	ug/l	100
12) 1,1-Dichloroethene	2.29	96	21336	18.792	ug/l	99
13) Acrolein	2.20	56	13408	42.276	ug/l	97
14) Allyl chloride	2.59	41	47772	17.718	ug/l	98
15) Acrylonitrile	2.94	53	96466	98.059	ug/l	99
16) Acetone	2.32	43	89028	83.962	ug/l	99
17) Carbon Disulfide	2.48	76	71055	17.352	ug/l	99
18) Methyl Acetate	2.62	43	50978	21.075	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	83469	18.347	ug/l	98
20) Methylene Chloride	2.70	84	30120	20.393	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	23820	18.687	ug/l	99
22) Diisopropyl ether	3.58	45	105960	19.336	ug/l	95
23) Vinyl Acetate	3.53	43	438118	91.547	ug/l	100
24) 1,1-Dichloroethane	3.45	63	55578	19.728	ug/l	98
25) 2-Butanone	4.27	43	133075	92.034	ug/l	100
26) 2,2-Dichloropropane	4.23	77	41337	17.857	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	27298	18.726	ug/l	98
28) Bromochloromethane	4.55	49	28666	21.091	ug/l	100
29) Tetrahydrofuran	4.64	42	84923	93.194	ug/l	99
30) Chloroform	4.68	83	50507	20.179	ug/l	99
31) Cyclohexane	5.00	56	48847	16.811	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	41028	19.463	ug/l	97
36) 1,1-Dichloropropene	5.14	75	35587	18.041	ug/l	99
37) Ethyl Acetate	4.39	43	49461	19.401	ug/l	99
38) Carbon Tetrachloride	5.14	117	34564	19.398	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	37078	16.080	ug/l	93
40) Benzene	5.39	78	110198	19.178	ug/l	100
41) Methacrylonitrile	4.55	41	27223	18.892	ug/l	97
42) 1,2-Dichloroethane	5.41	62	42069	19.724	ug/l	99
43) Isopropyl Acetate	5.55	43	72340	18.270	ug/l	99
44) Trichloroethene	6.19	130	23176	18.089	ug/l	97
45) 1,2-Dichloropropane	6.43	63	32067	19.349	ug/l	98
46) Dibromomethane	6.56	93	19136	20.444	ug/l	99
47) Bromodichloromethane	6.76	83	38408	19.775	ug/l	99
48) Methyl methacrylate	6.63	41	35589	18.075	ug/l	99
49) 1,4-Dioxane	6.62	88	12635	372.957	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	252094	97.980	ug/l	98
52) Toluene	7.64	92	63689	18.727	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	41089	18.043	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	46082	18.824	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	27227	20.192	ug/l	98
56) Ethyl methacrylate	8.02	69	38444	16.483	ug/l	97
57) 1,3-Dichloropropane	8.24	76	49746	19.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	128672	95.981	ug/l	99
59) 2-Hexanone	8.36	43	190356	95.375	ug/l	98
60) Dibromochloromethane	8.48	129	26425	19.539	ug/l	99
61) 1,2-Dibromoethane	8.59	107	27988	19.522	ug/l	99
64) Tetrachloroethene	8.23	164	19841	19.050	ug/l	99
65) Chlorobenzene	9.12	112	66008	18.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	24797	20.396	ug/l	97
67) Ethyl Benzene	9.25	91	110229	17.666	ug/l	100
68) m/p-Xylenes	9.38	106	85322	37.383	ug/l	99
69) o-Xylene	9.78	106	40147	18.510	ug/l	97
70) Styrene	9.79	104	67582	18.202	ug/l	100
71) Bromoform	9.96	173	18632	19.048	ug/l #	99
73) Isopropylbenzene	10.17	105	107541	17.816	ug/l	99
74) N-amyl acetate	10.02	43	60286	17.446	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	47529	20.053	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	54849	25.458	ug/l	82
77) Bromobenzene	10.45	156	26774	19.085	ug/l	98
78) n-propylbenzene	10.59	91	130728	18.023	ug/l	99
79) 2-Chlorotoluene	10.66	91	81558	18.623	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	92566	18.835	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.49	75	54849	66.627	ug/l #	100
82) 4-Chlorotoluene	10.77	91	92177	18.547	ug/l	98
83) tert-Butylbenzene	11.10	119	85001	17.891	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	94485	18.821	ug/l	99
85) sec-Butylbenzene	11.32	105	106874	17.854	ug/l	100
86) p-Isopropyltoluene	11.48	119	92564	18.060	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	48667	18.321	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	50349	18.548	ug/l	98
89) n-Butylbenzene	11.89	91	80673	16.204	ug/l	98
90) Hexachloroethane	12.15	117	18508	19.158	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	48316	18.686	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10000	19.037	ug/l	98

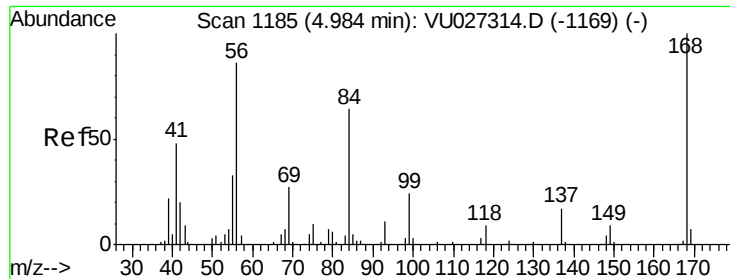
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	29396	17.570	ug/l	100
94) Hexachlorobutadiene	13.69	225	15384	18.199	ug/l	97
95) Naphthalene	13.74	128	95649	16.377	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	31563	18.108	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

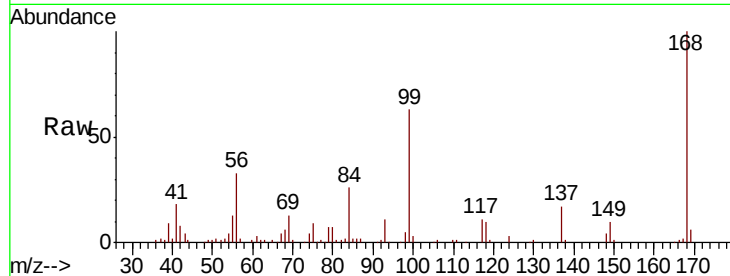
VU1004WBS01

Tgt Ion:168 Resp: 107488

Ion Ratio Lower Upper

168 100

99 62.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027367.D (-1092) (-)

4.99

50000

40000

30000

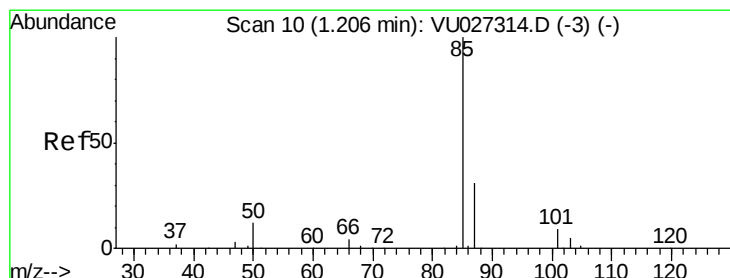
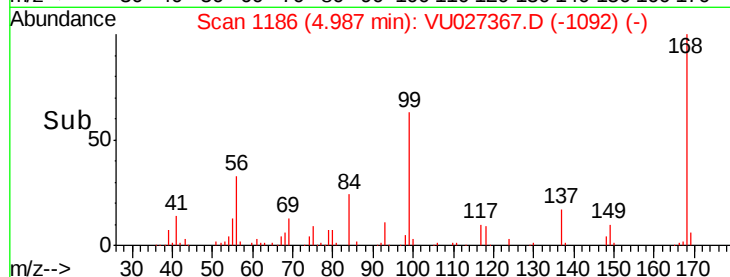
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: 19.681 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027367.D

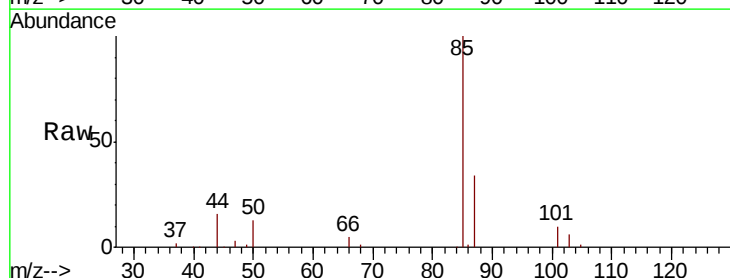
Acq: 03 Oct 2018 19:56

Tgt Ion: 85 Resp: 30499

Ion Ratio Lower Upper

85 100

87 33.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027367.D (-1) (-)

1.21

30000

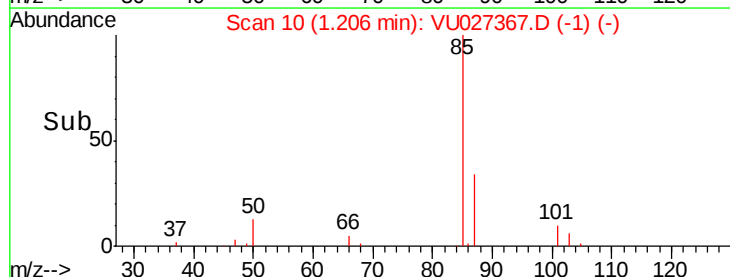
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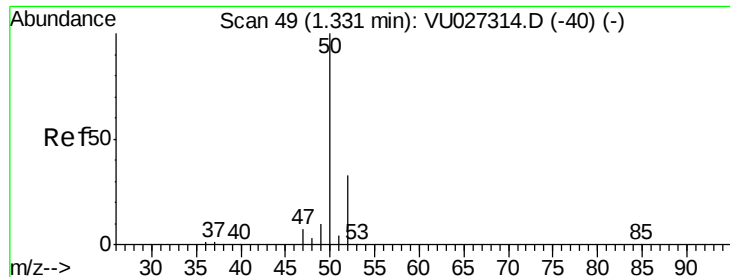
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.342 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

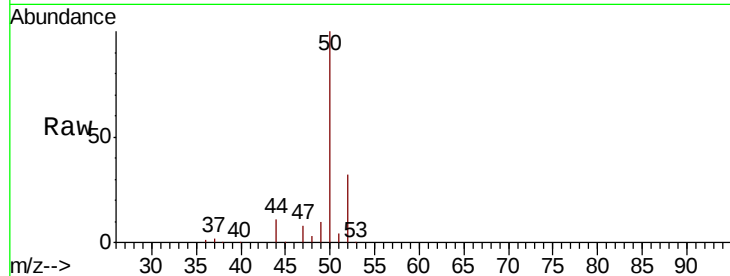
VU1004WBS01

Tgt Ion: 50 Resp: 40580

Ion Ratio Lower Upper

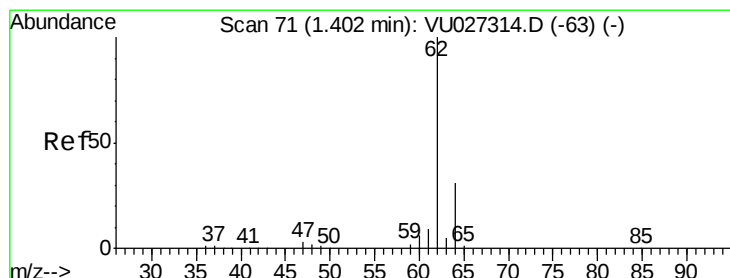
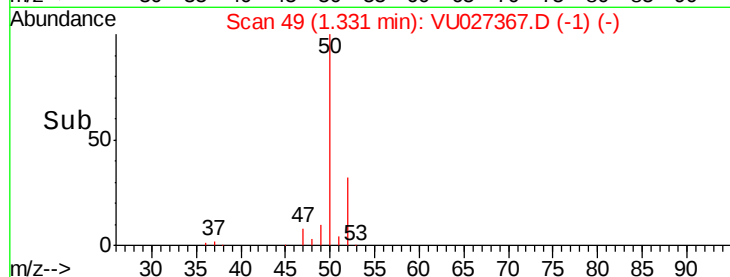
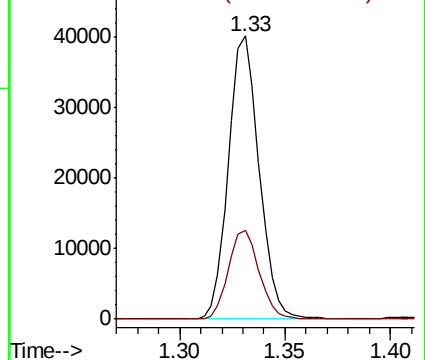
50 100

52 31.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 18.941 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027367.D

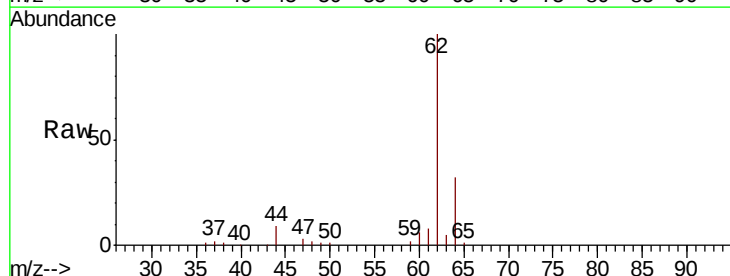
Acq: 03 Oct 2018 19:56

Tgt Ion: 62 Resp: 37355

Ion Ratio Lower Upper

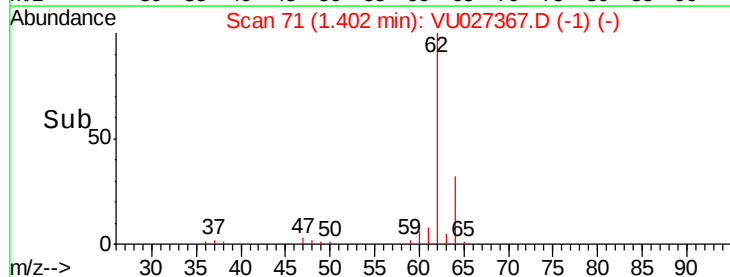
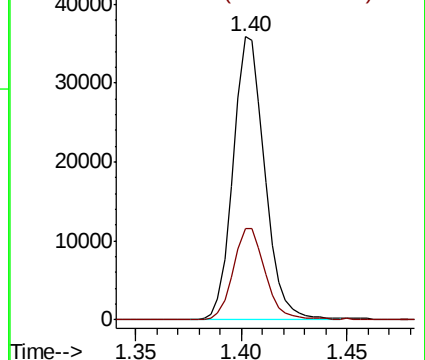
62 100

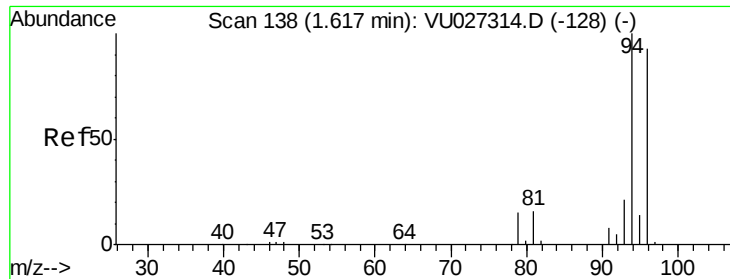
64 32.4 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

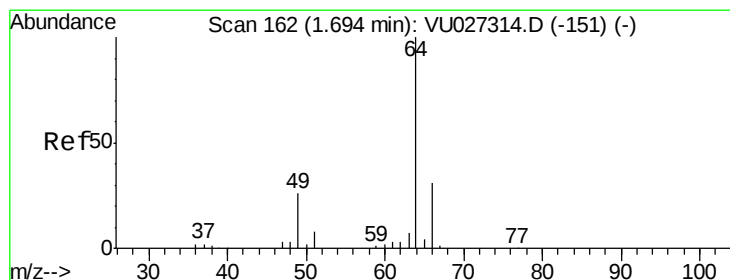
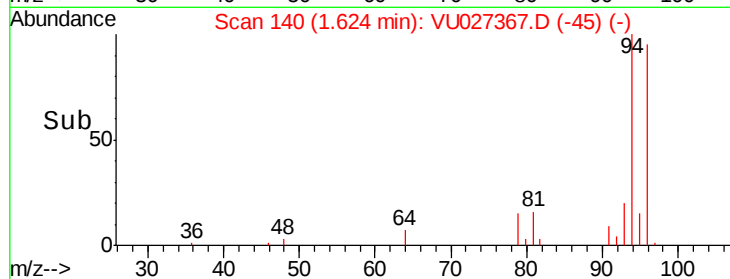
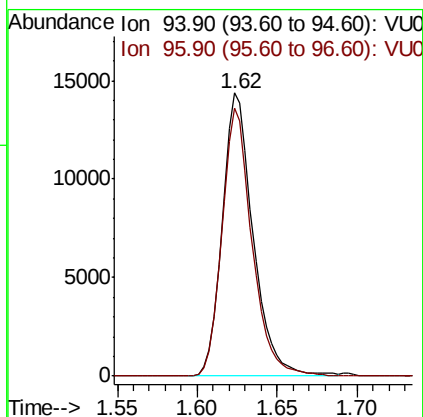
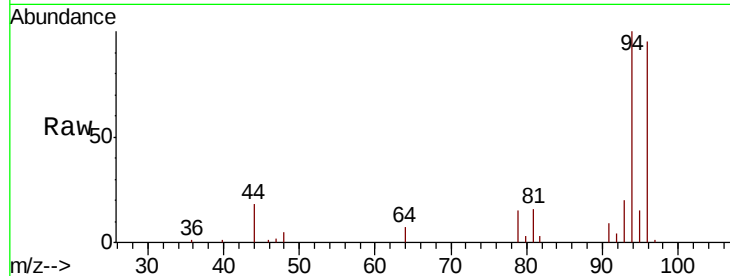




#5
Bromomethane
Concen: 22.255 ug/l
RT: 1.62 min Scan# 140
Delta R.T. 0.01 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

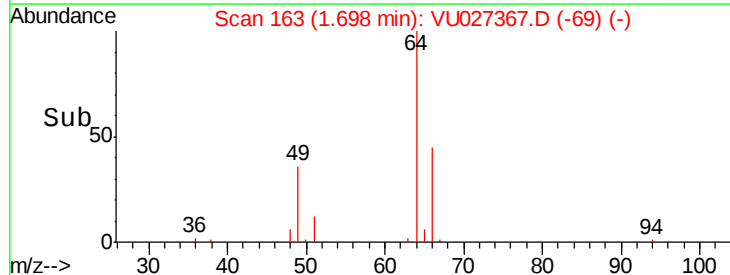
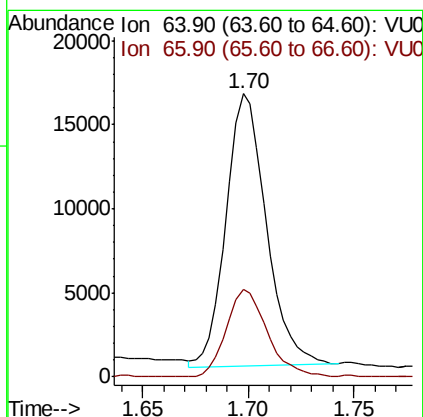
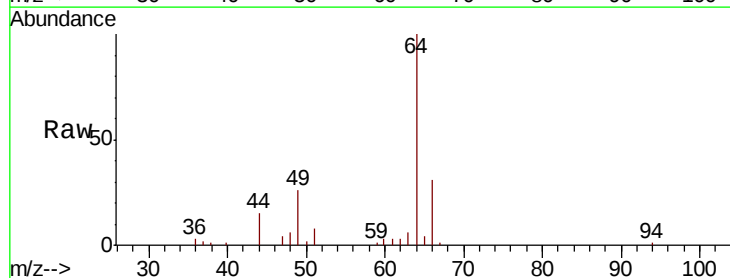
Instrument :
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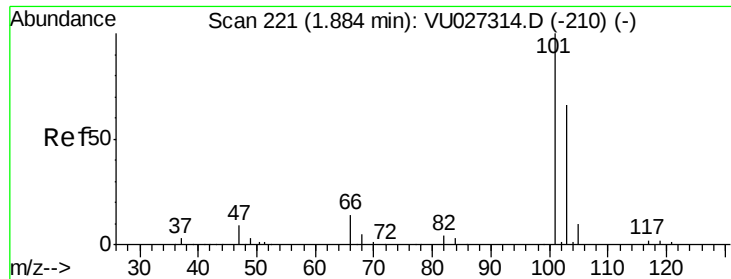
Tgt Ion: 94 Resp: 18992
Ion Ratio Lower Upper
94 100
96 94.8 74.6 111.8



#6
Chloroethane
Concen: 18.071 ug/l
RT: 1.70 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 64 Resp: 21416
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8



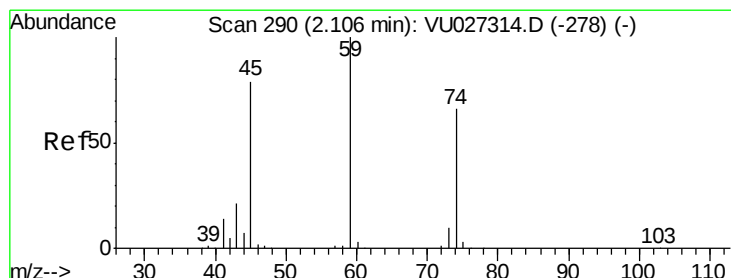
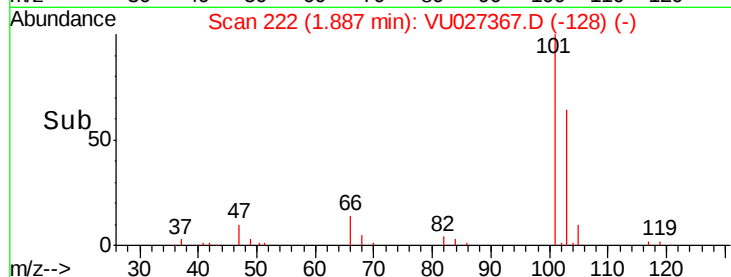
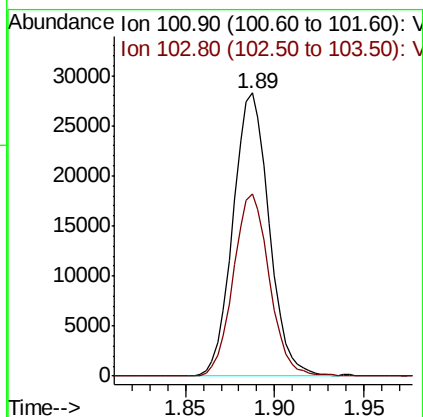
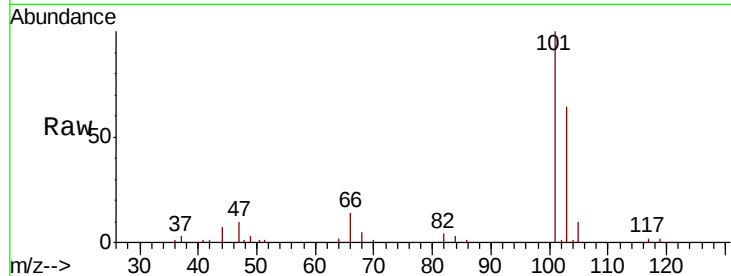


#7

Trichlorofluoromethane
 Concen: 19.992 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Instrument :
 MSVOA_U
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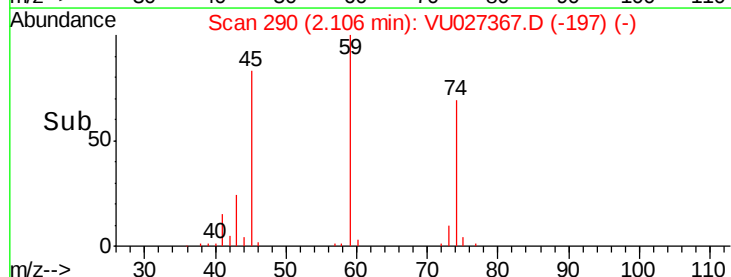
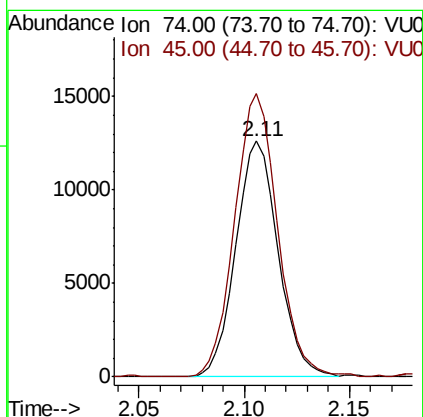
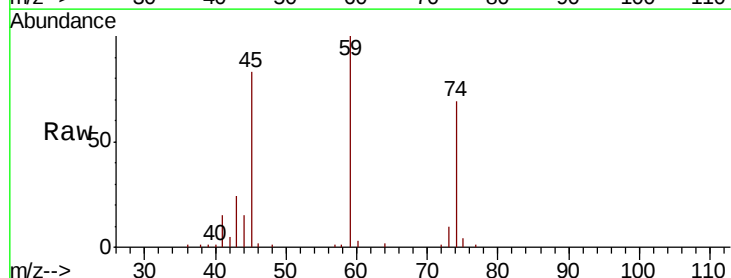
Tgt Ion:101 Resp: 40006
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.6 78.8

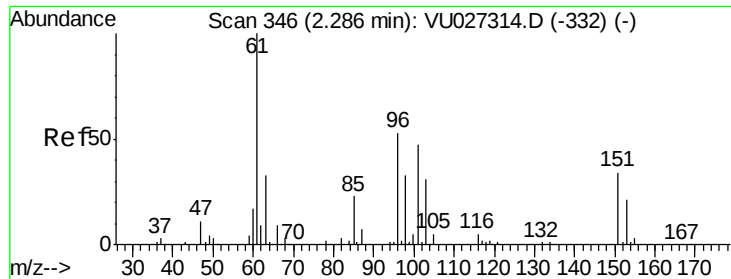


#8

Diethyl Ether
 Concen: 19.069 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion: 74 Resp: 17578
 Ion Ratio Lower Upper
 74 100
 45 122.1 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.537 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

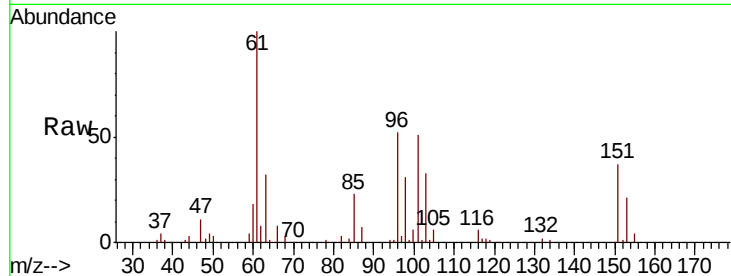
Tgt Ion:101 Resp: 22704

Ion Ratio Lower Upper

101 100

85 45.7 37.5 56.3

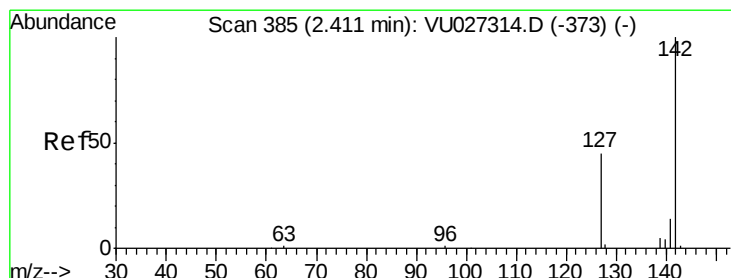
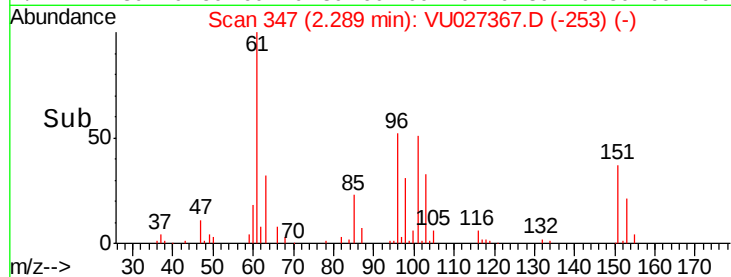
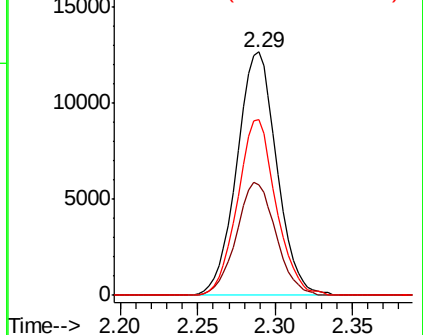
151 69.6 55.6 83.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 29.875 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

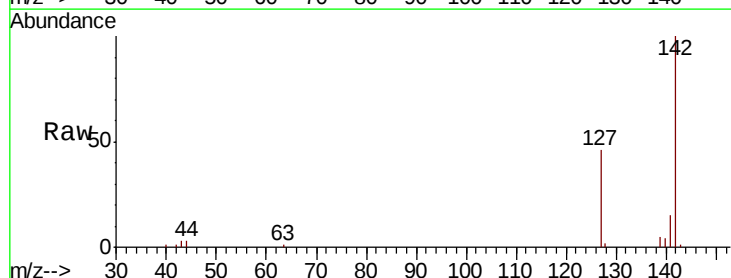
Tgt Ion:142 Resp: 26290

Ion Ratio Lower Upper

142 100

127 46.0 36.3 54.5

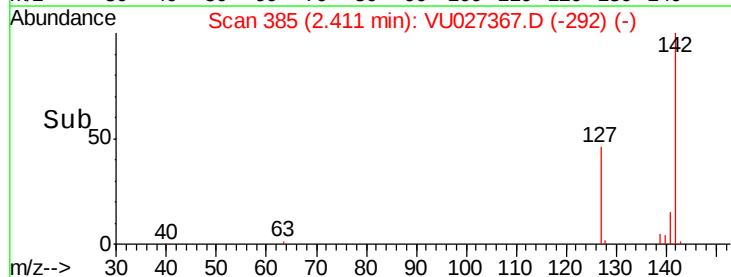
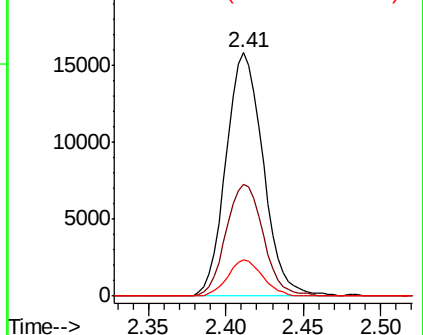
141 14.0 11.6 17.4

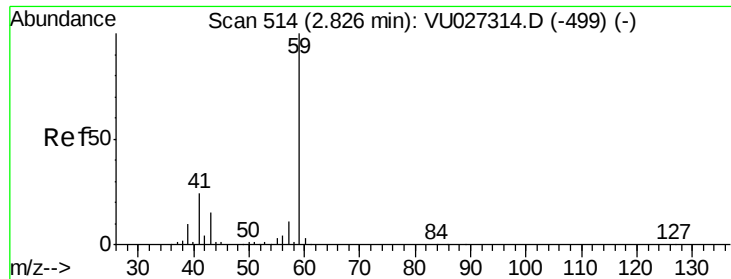


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

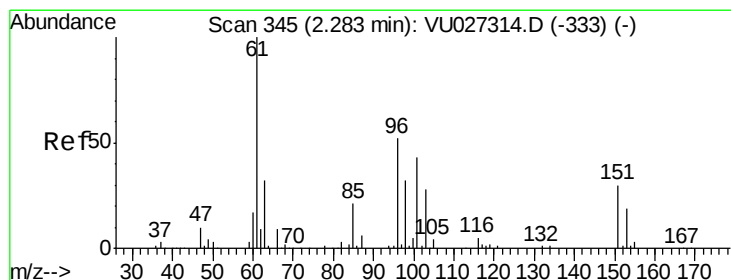
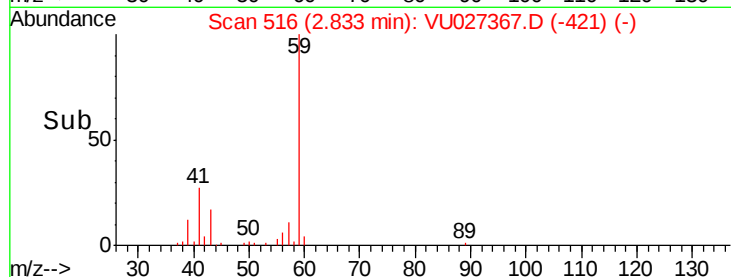
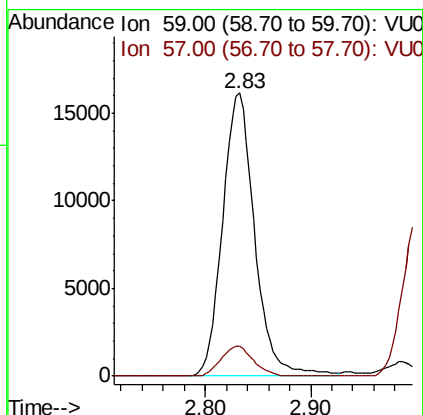
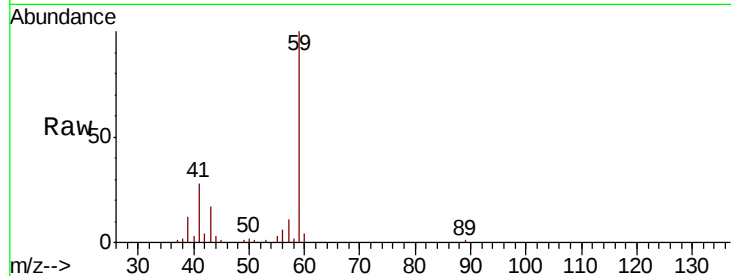




#11
Tert butyl alcohol
Concen: 90.060 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

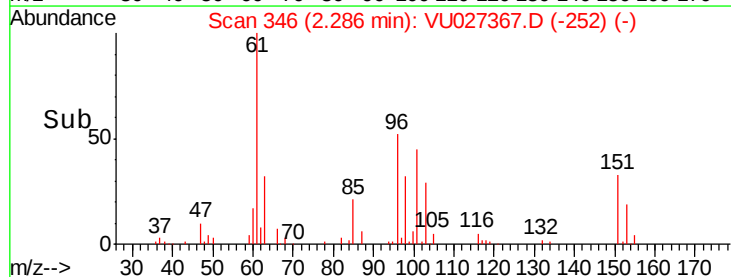
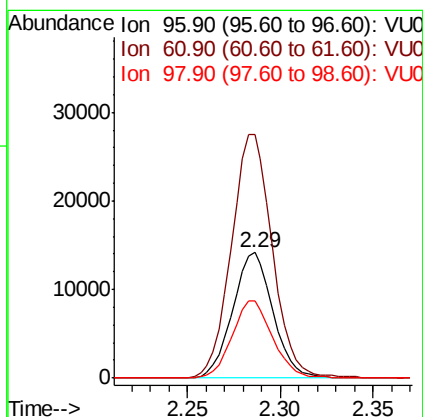
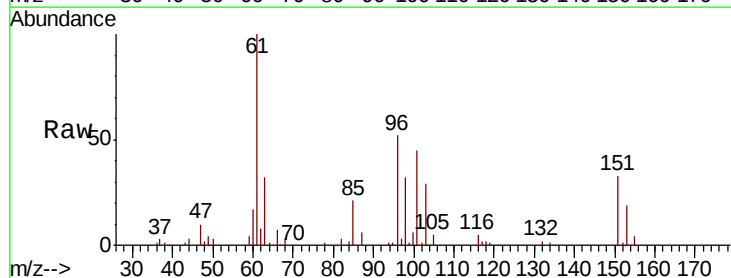
Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

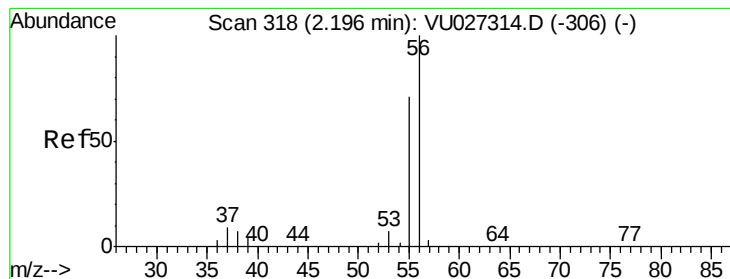
Tgt Ion: 59 Resp: 34040
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.792 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 96 Resp: 21336
Ion Ratio Lower Upper
96 100
61 193.9 153.0 229.6
98 61.4 49.3 73.9





#13

Acrolein

Concen: 42.276 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

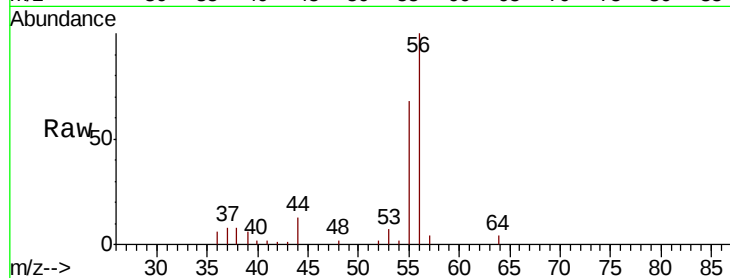
VU1004WBS01

Tgt Ion: 56 Resp: 13408

Ion Ratio Lower Upper

56 100

55 74.7 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.20

10000

8000

6000

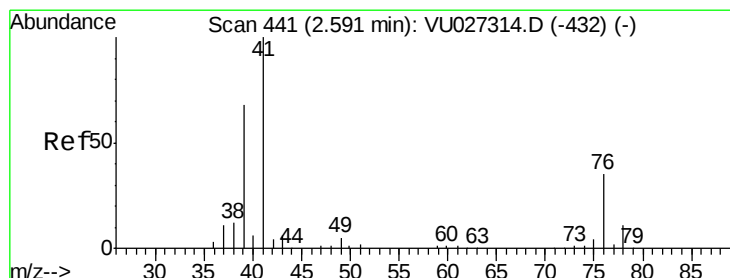
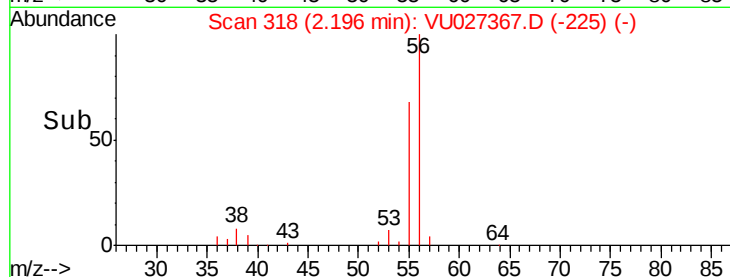
4000

2000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 17.718 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

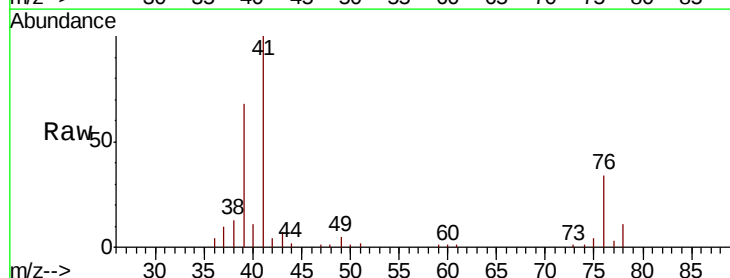
Tgt Ion: 41 Resp: 47772

Ion Ratio Lower Upper

41 100

39 67.2 51.8 77.8

76 32.8 25.9 38.9



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

2.59

30000

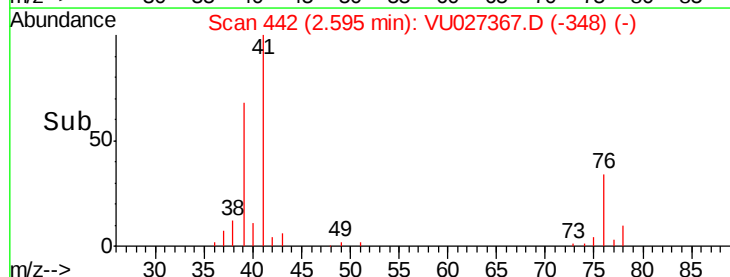
20000

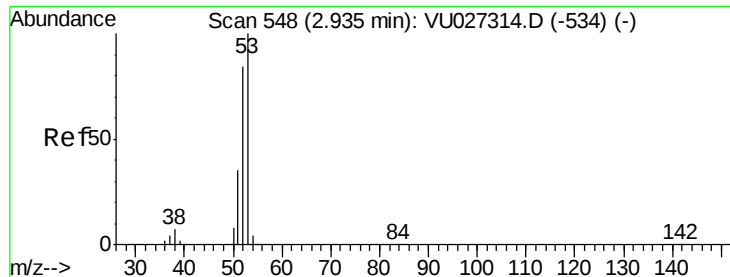
10000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 98.059 ug/l

RT: 2.94 min Scan# 549

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

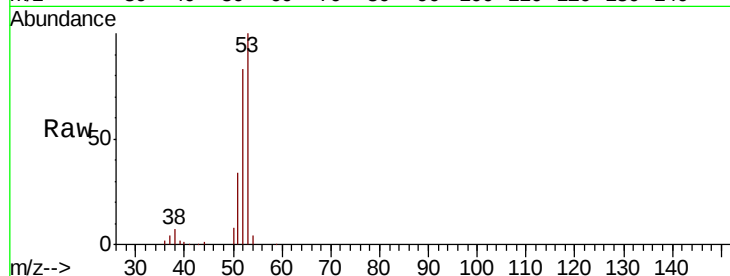
Tgt Ion: 53 Resp: 96466

Ion Ratio Lower Upper

53 100

52 81.8 66.5 99.7

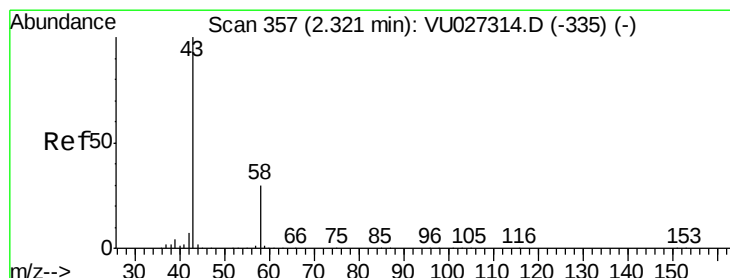
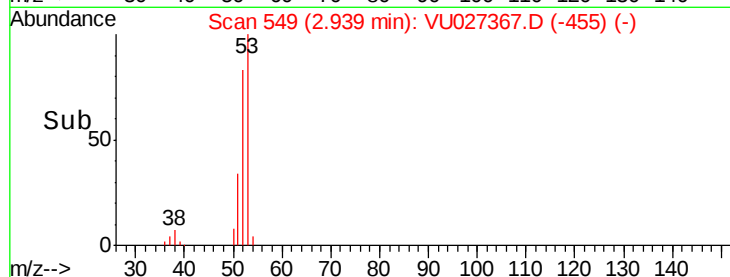
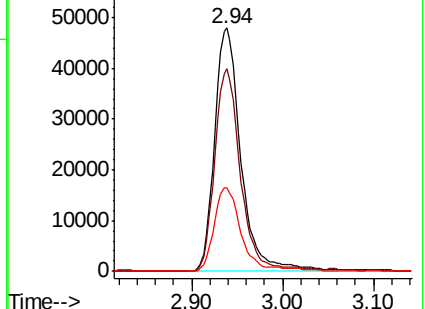
51 33.7 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VU027314.D (-534) (-)

Ion 52.00 (51.70 to 52.70): VU027314.D (-534) (-)

Ion 51.00 (50.70 to 51.70): VU027314.D (-534) (-)



#16

Acetone

Concen: 83.962 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027367.D

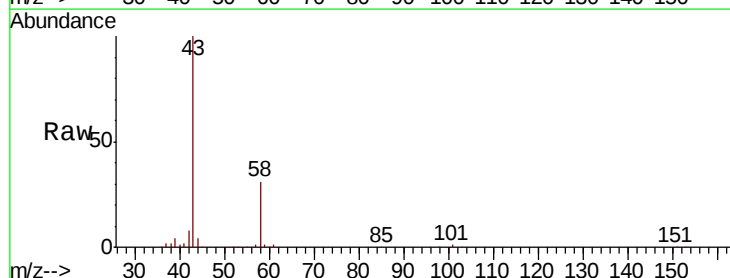
Acq: 03 Oct 2018 19:56

Tgt Ion: 43 Resp: 89028

Ion Ratio Lower Upper

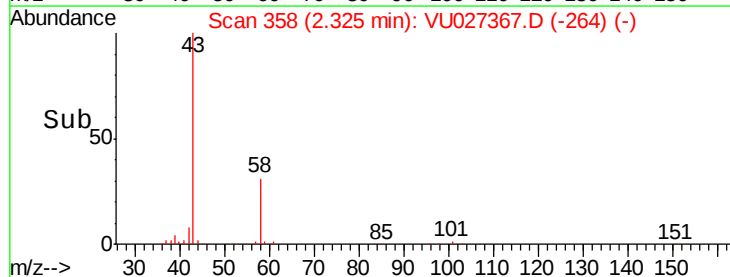
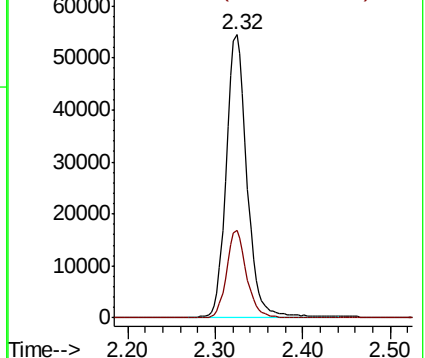
43 100

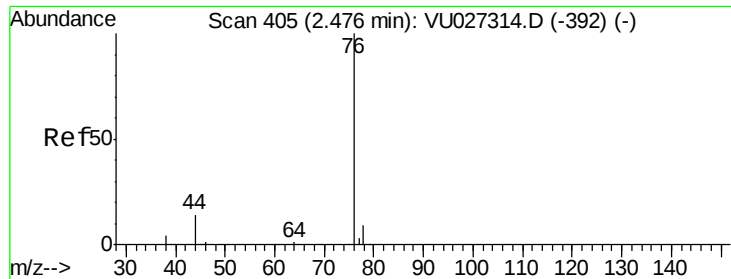
58 31.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

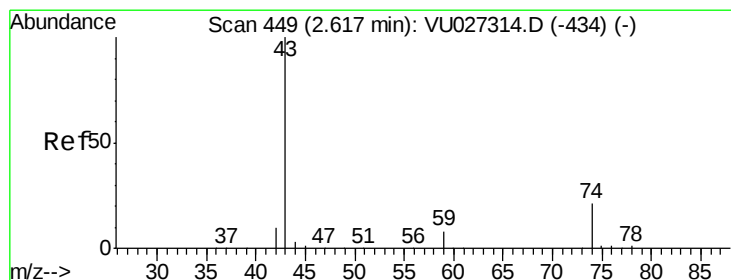
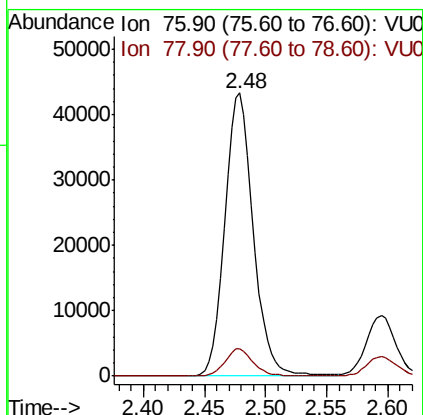
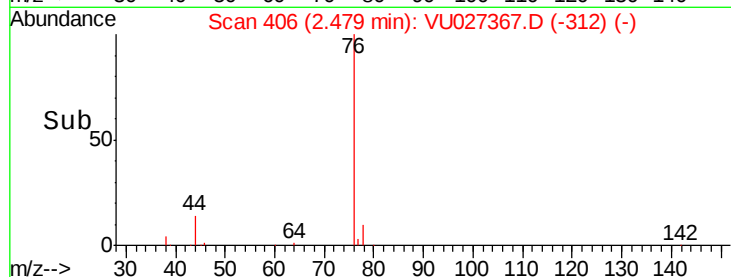
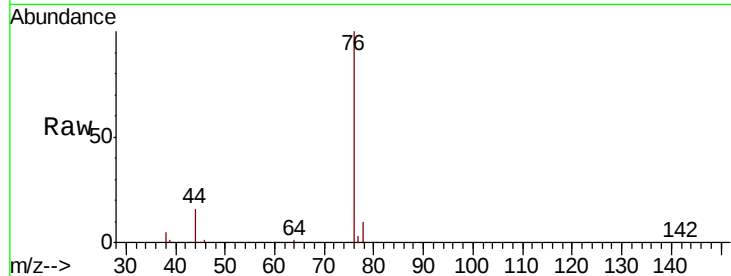




#17
Carbon Disulfide
Concen: 17.352 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

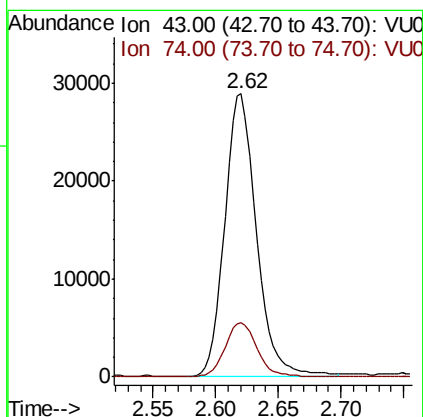
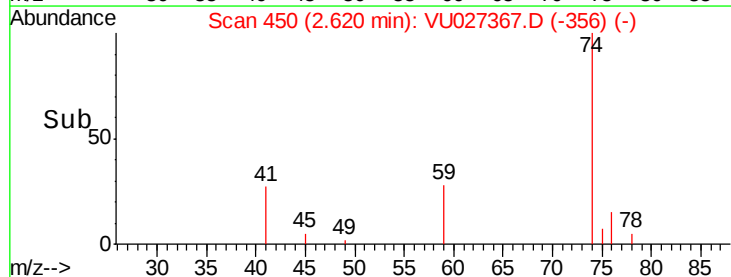
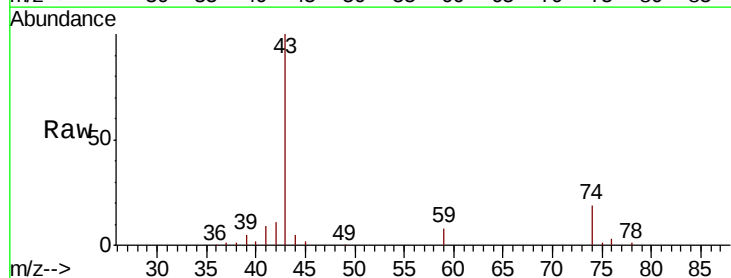
Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

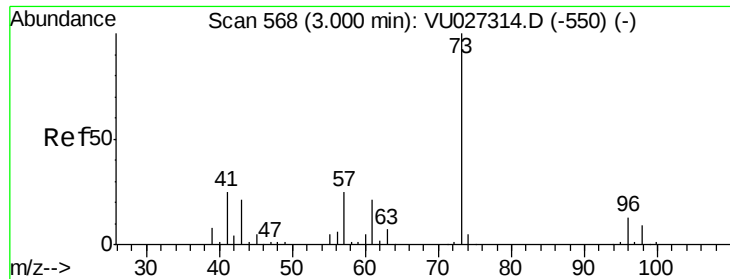
Tgt Ion: 76 Resp: 71055
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 21.075 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 43 Resp: 50978
Ion Ratio Lower Upper
43 100
74 19.2 16.5 24.7

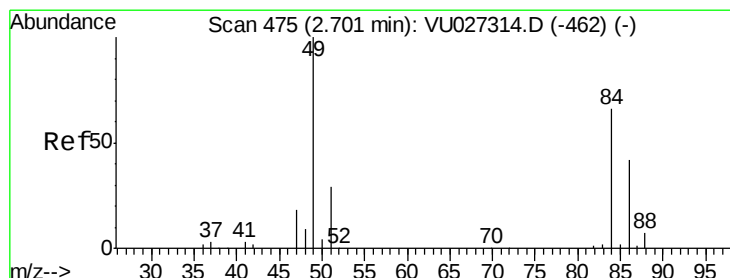
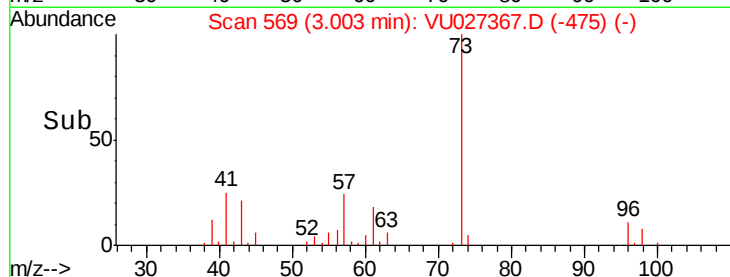
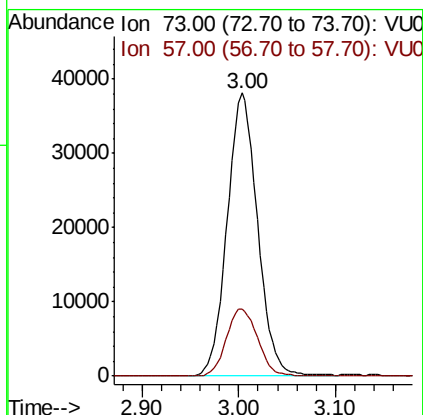
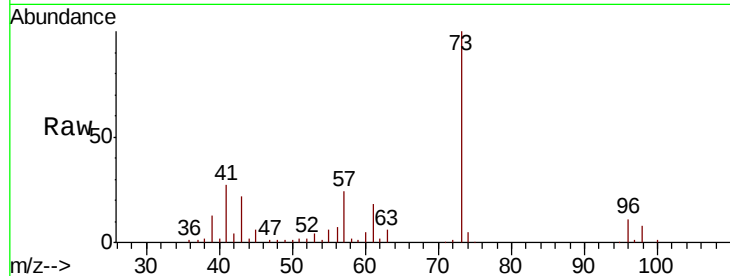




#19
Methyl tert-butyl Ether
Concen: 18.347 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

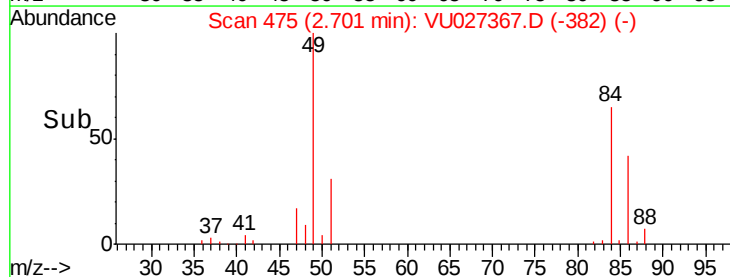
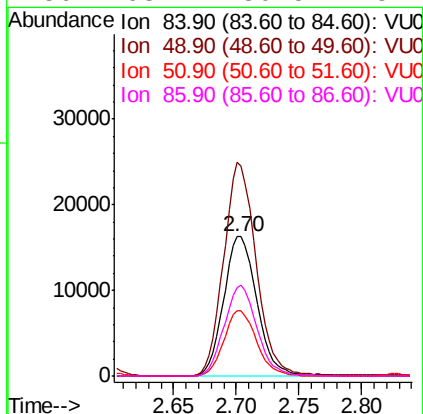
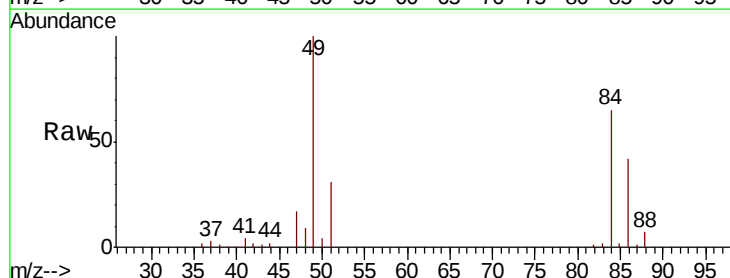
Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

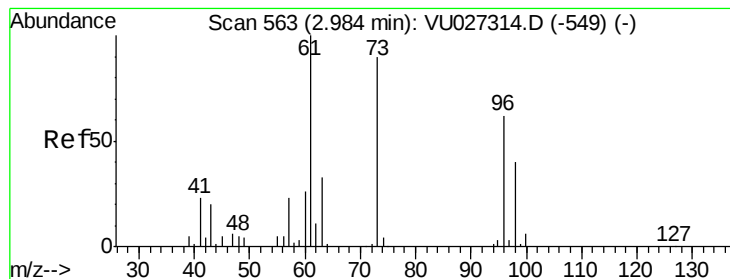
Tgt Ion: 73 Resp: 83469
Ion Ratio Lower Upper
73 100
57 23.7 20.0 30.0



#20
Methylene Chloride
Concen: 20.393 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 84 Resp: 30120
Ion Ratio Lower Upper
84 100
49 153.2 120.5 180.7
51 47.3 35.1 52.7
86 63.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.687 ug/l

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

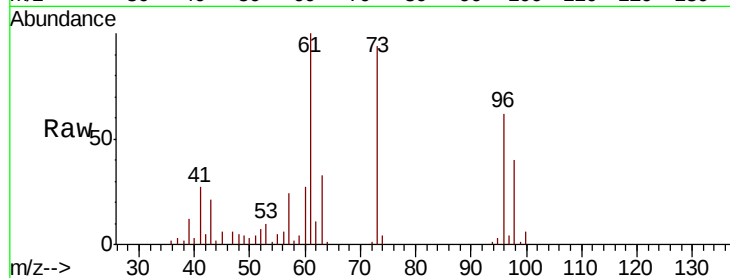
Tgt Ion: 96 Resp: 23820

Ion Ratio Lower Upper

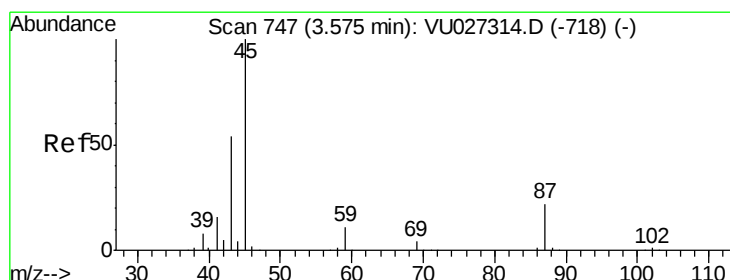
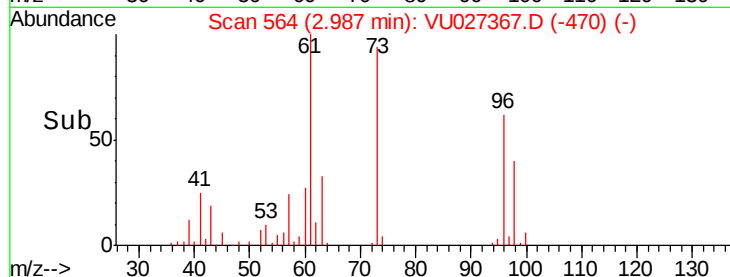
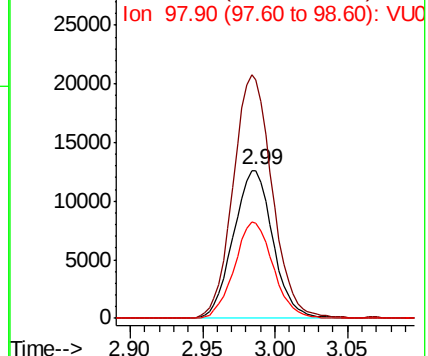
96 100

61 160.9 129.4 194.2

98 64.5 51.2 76.8



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



#22

Diisopropyl ether

Concen: 19.336 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Tgt Ion: 45 Resp: 105960

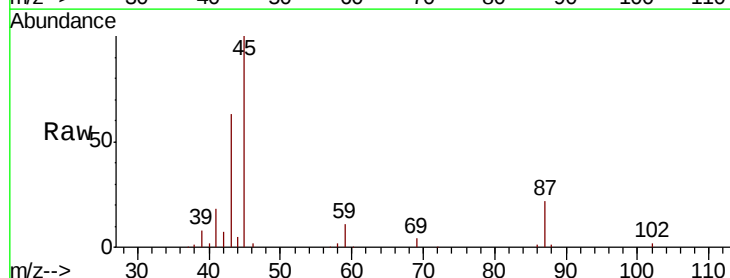
Ion Ratio Lower Upper

45 100

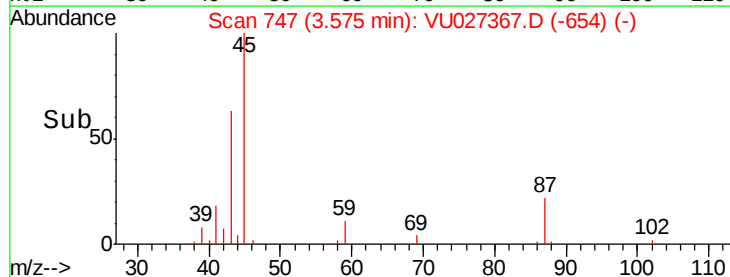
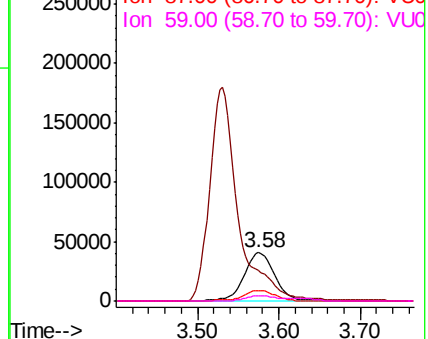
43 60.2 43.4 65.2

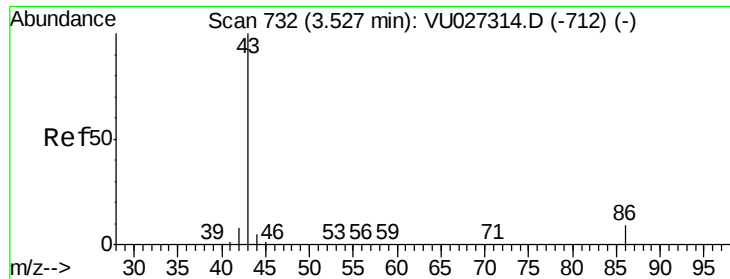
87 21.7 17.5 26.3

59 11.4 8.6 13.0



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





#23

Vinyl Acetate

Concen: 91.547 ug/l

RT: 3.53 min Scan# 733

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

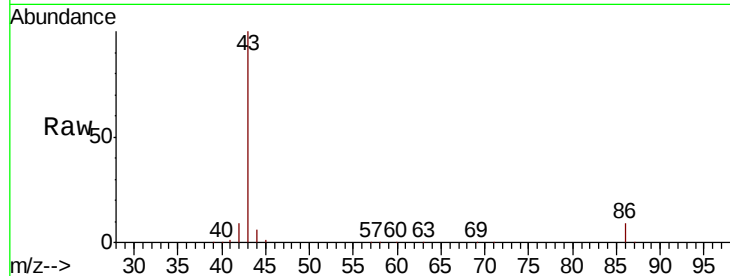
VU1004WBS01

Tgt Ion: 43 Resp: 438118

Ion Ratio Lower Upper

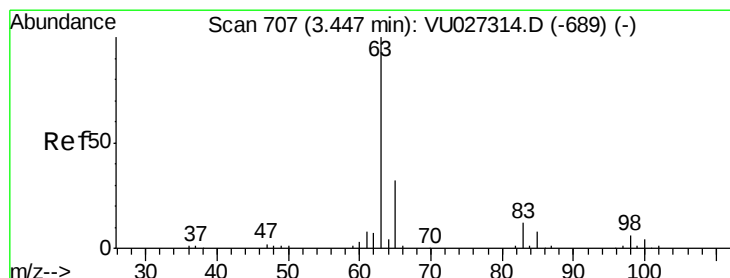
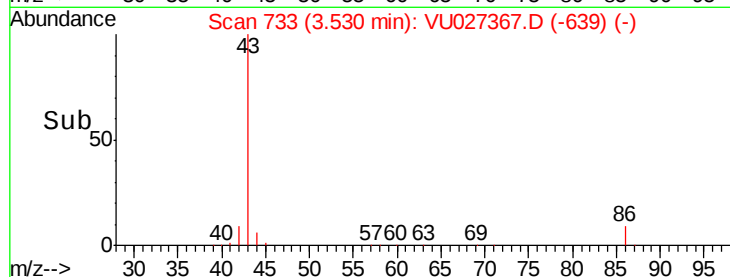
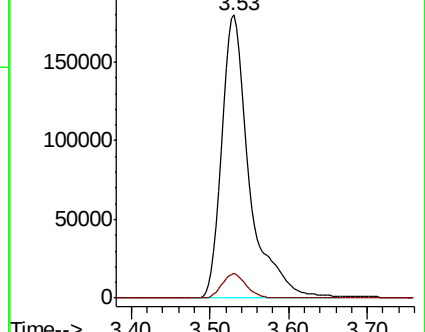
43 100

86 8.6 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU027367.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027367.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 19.728 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

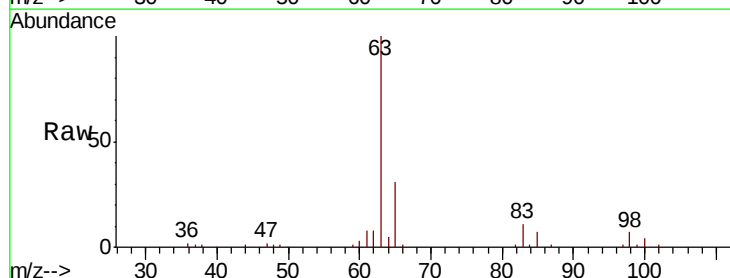
Tgt Ion: 63 Resp: 55578

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

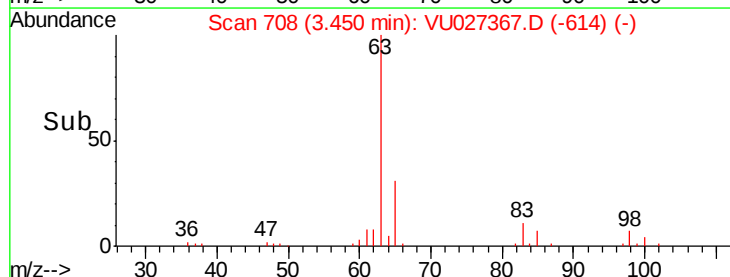
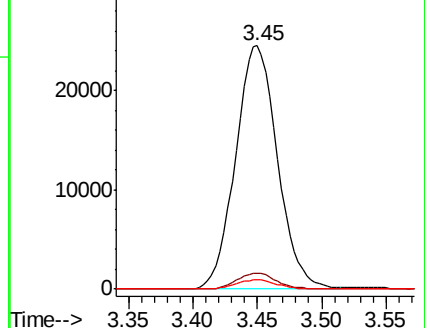
100 4.0 1.8 5.5

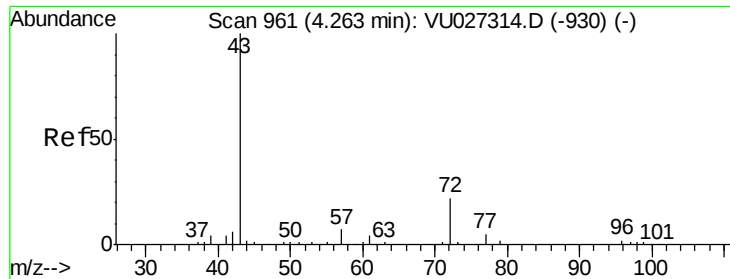


Abundance Ion 62.90 (62.60 to 63.60): VU027367.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU027367.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU027367.D (-614) (-)





#25

2-Butanone

Concen: 92.034 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

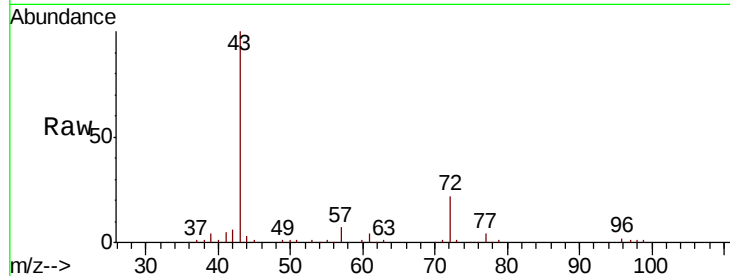
VU1004WBS01

Tgt Ion: 43 Resp: 133075

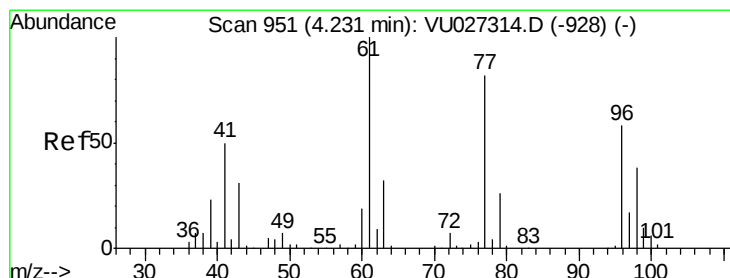
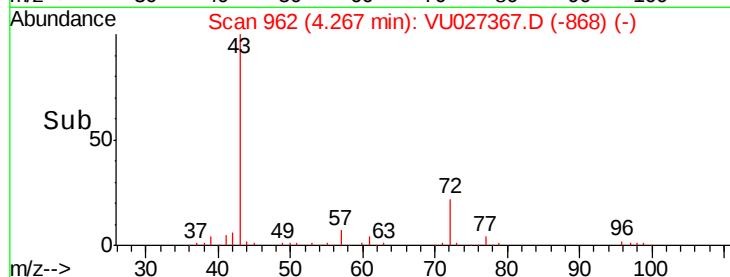
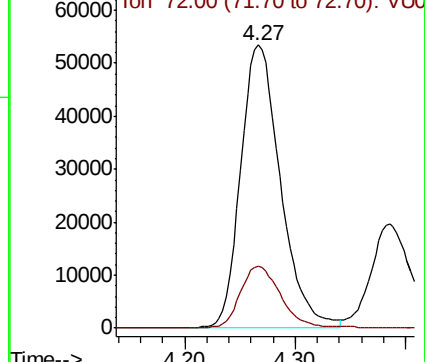
Ion Ratio Lower Upper

43 100

72 22.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-930) (-)



#26

2,2-Dichloropropane

Concen: 17.857 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027367.D

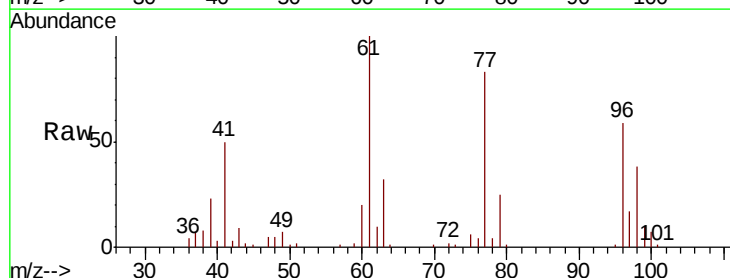
Acq: 03 Oct 2018 19:56

Tgt Ion: 77 Resp: 41337

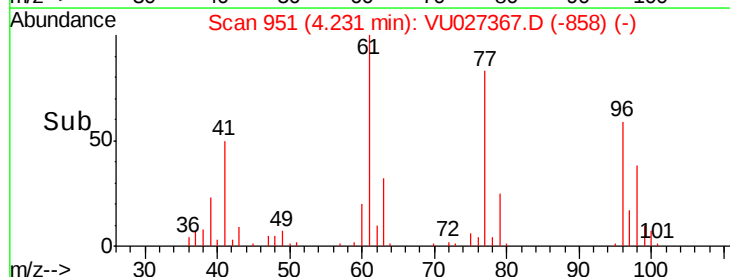
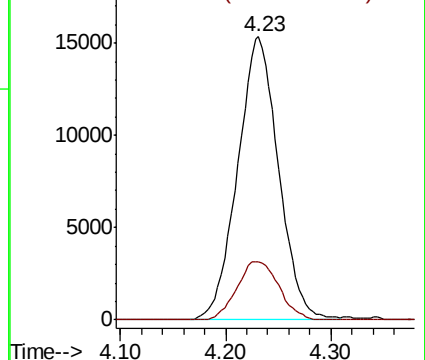
Ion Ratio Lower Upper

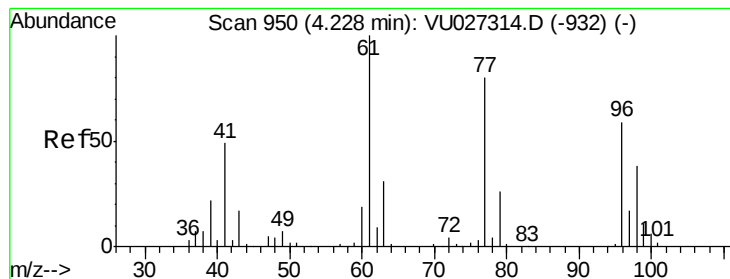
77 100

97 21.2 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU027314.D (-928) (-)



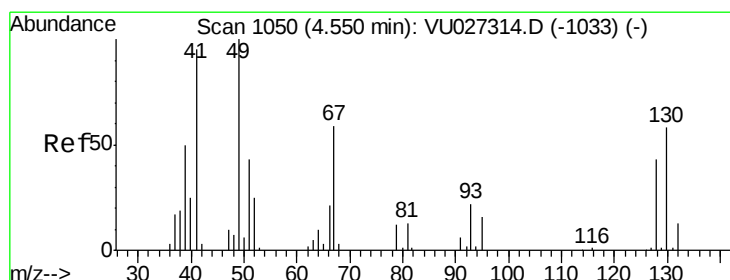
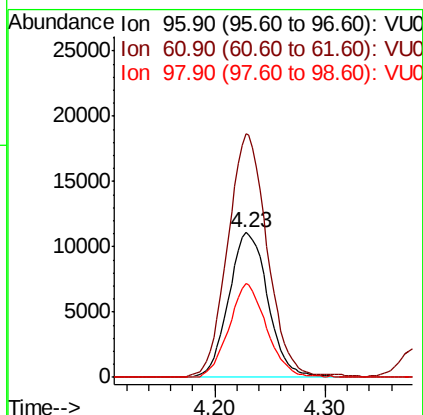
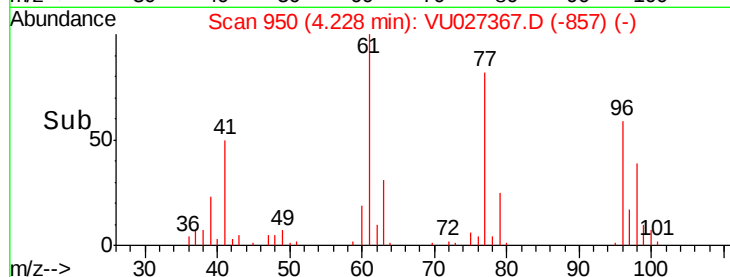
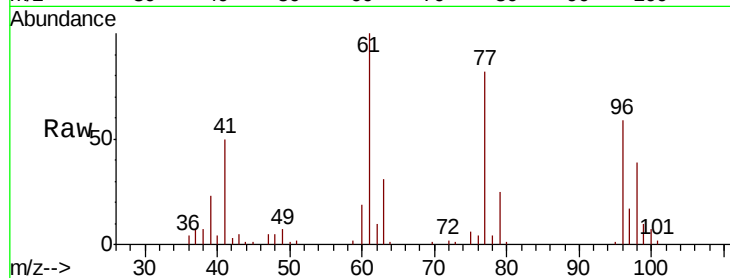


#27

cis-1,2-Dichloroethene
Concen: 18.726 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

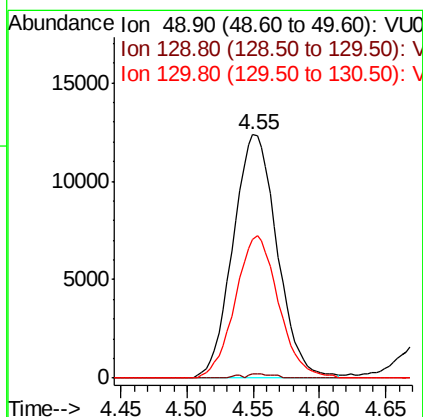
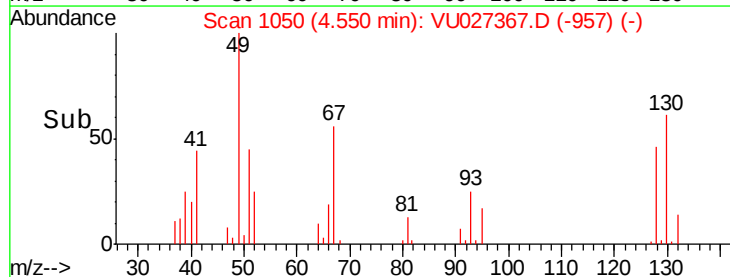
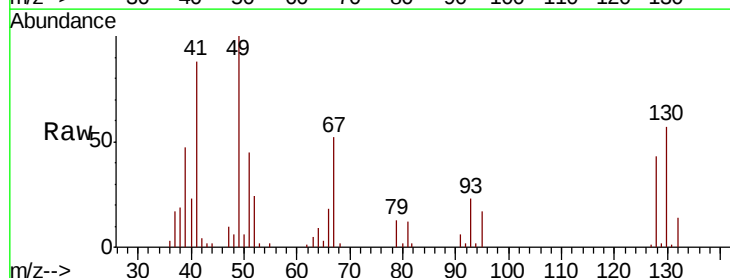
Tgt Ion: 96 Resp: 27298
Ion Ratio Lower Upper
96 100
61 169.5 0.0 343.8
98 62.0 0.0 129.0

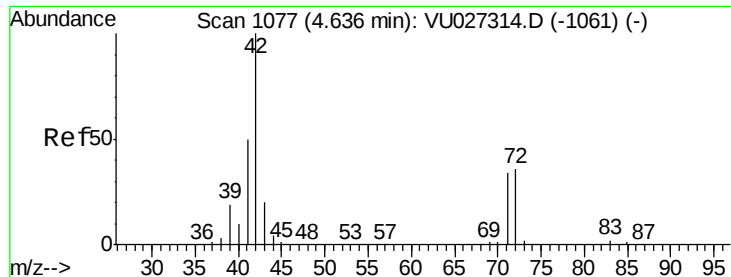


#28

Bromochloromethane
Concen: 21.091 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 49 Resp: 28666
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.0
130 57.3 46.1 69.1

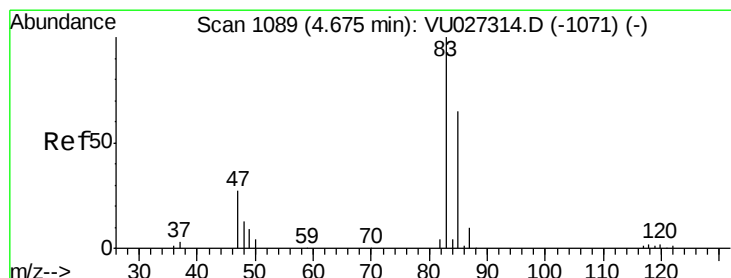
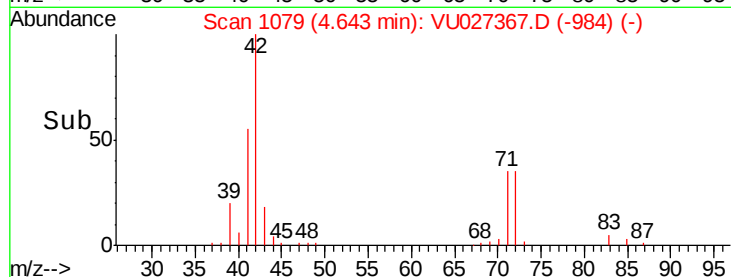
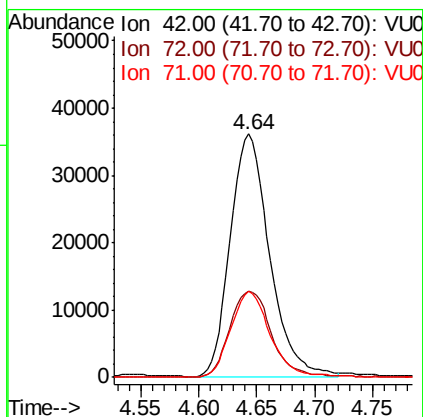
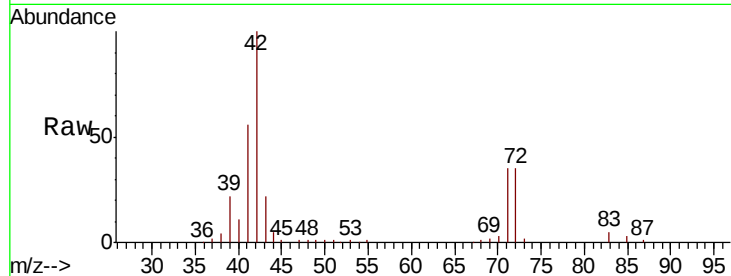




#29
Tetrahydrofuran
Concen: 93.194 ug/l
RT: 4.64 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

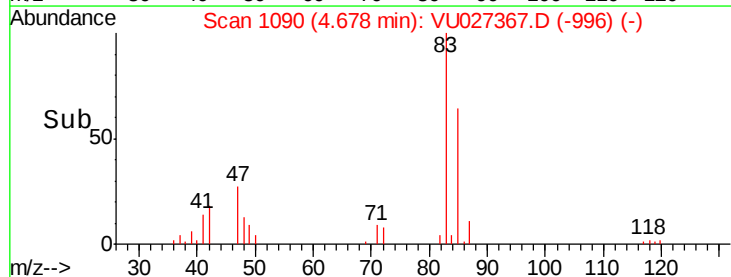
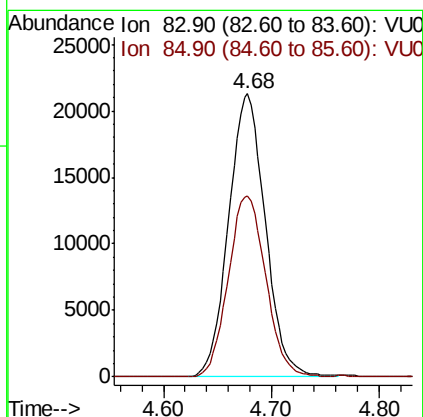
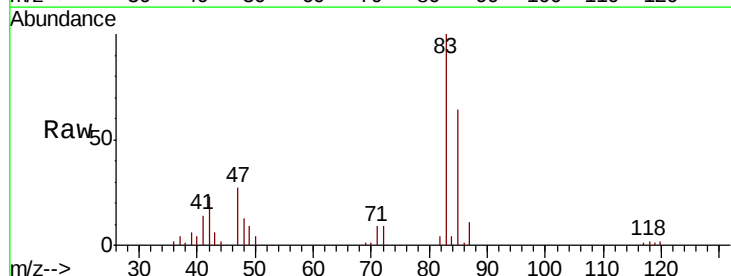
Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

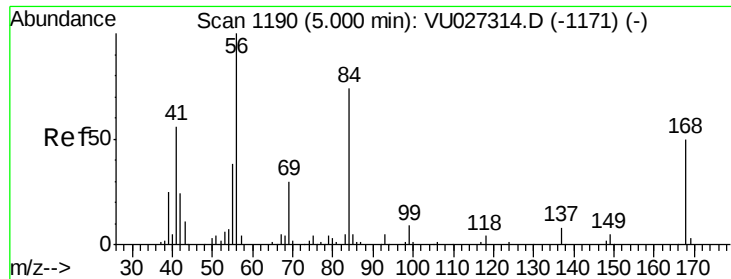
Tgt Ion: 42 Resp: 84923
Ion Ratio Lower Upper
42 100
72 37.9 30.1 45.1
71 35.8 27.7 41.5



#30
Chloroform
Concen: 20.179 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 83 Resp: 50507
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6

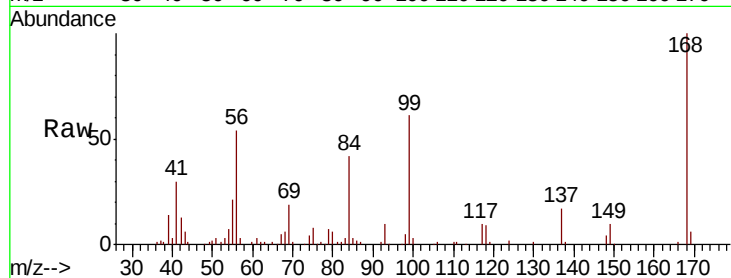




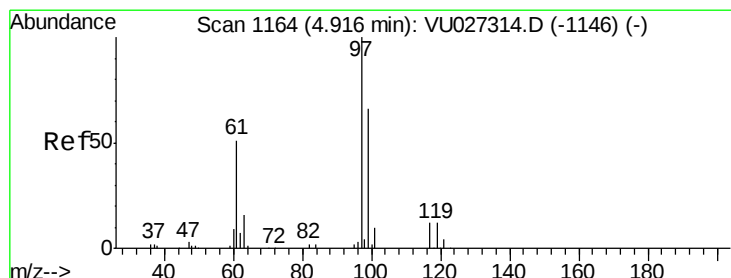
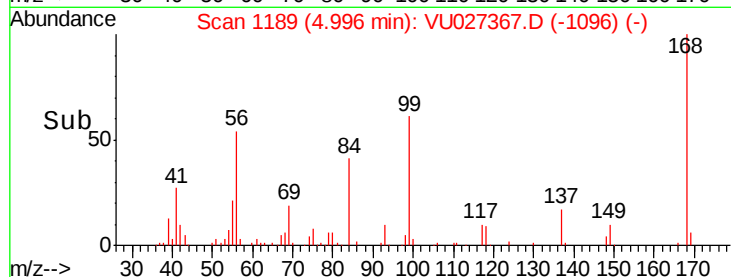
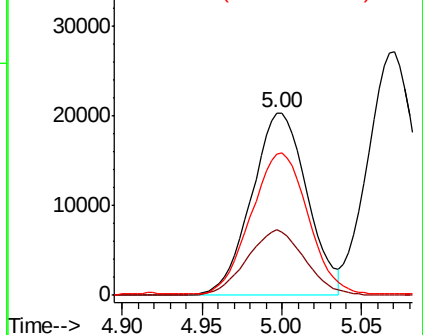
#31
Cyclohexane
Concen: 16.811 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

Tgt Ion: 56 Resp: 48847
Ion Ratio Lower Upper
56 100
69 35.8 24.1 36.1
84 76.3 59.1 88.7

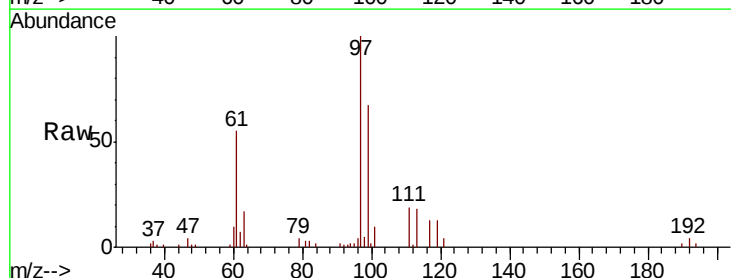


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

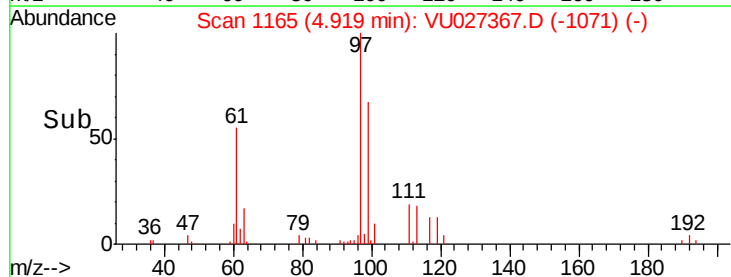
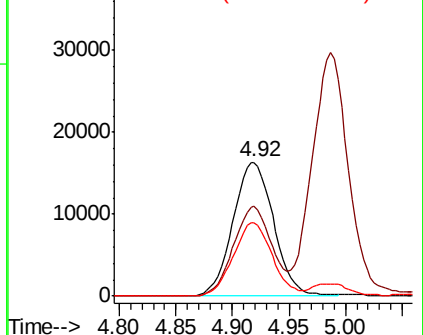


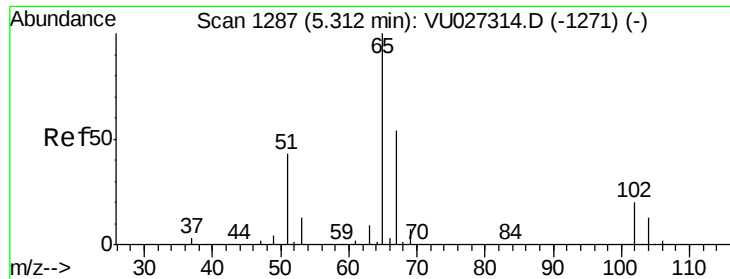
#32
1,1,1-Trichloroethane
Concen: 19.463 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 97 Resp: 41028
Ion Ratio Lower Upper
97 100
99 63.0 51.1 76.7
61 52.5 39.6 59.4



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

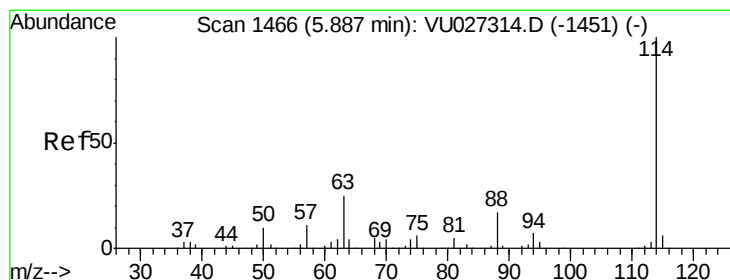
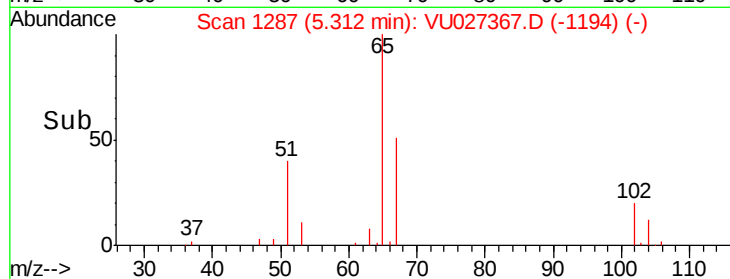
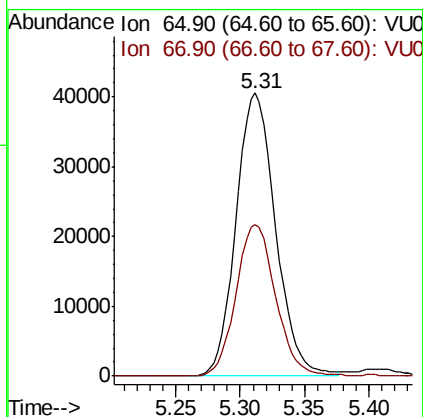
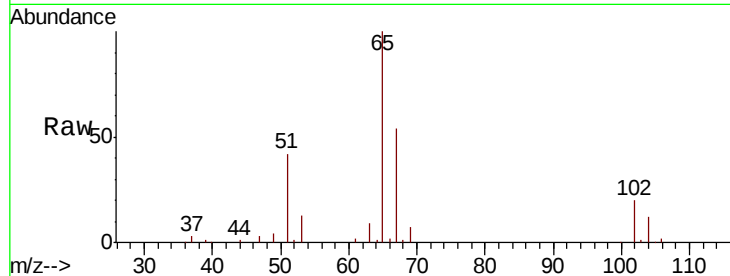




#33
 1,2-Dichloroethane-d4
 Concen: 48.248 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

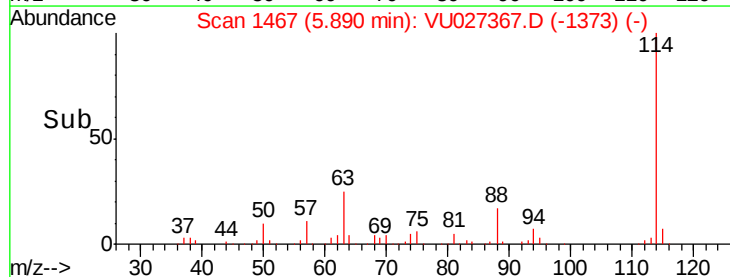
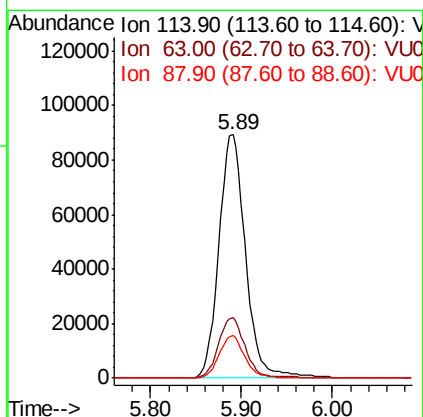
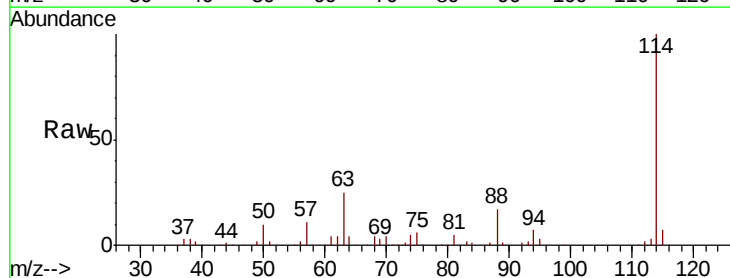
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

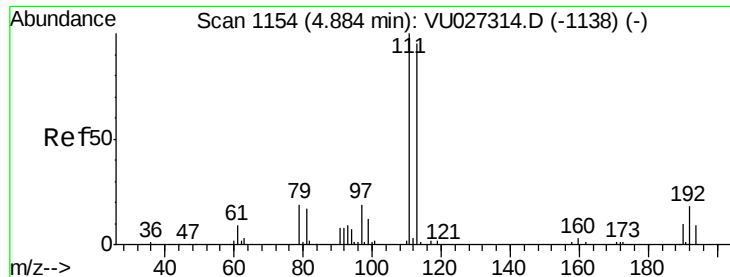
Tgt Ion: 65 Resp: 86599
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion: 114 Resp: 181676
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.737 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

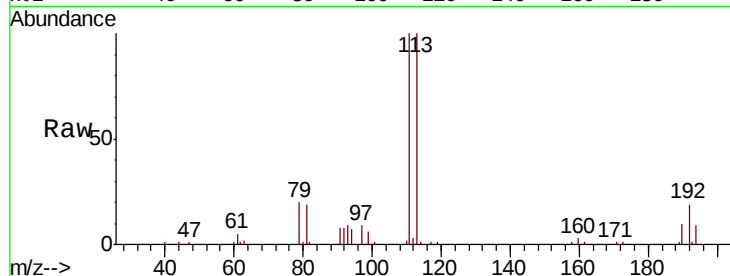
Tgt Ion:113 Resp: 61927

Ion Ratio Lower Upper

113 100

111 101.7 83.1 124.7

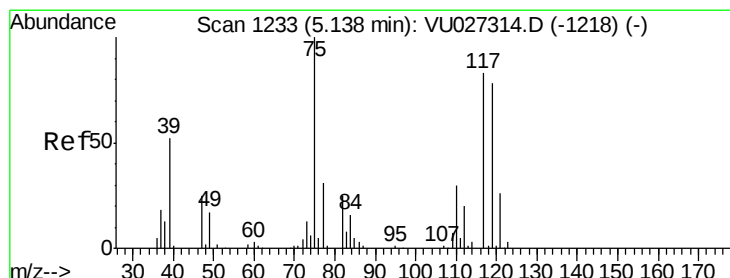
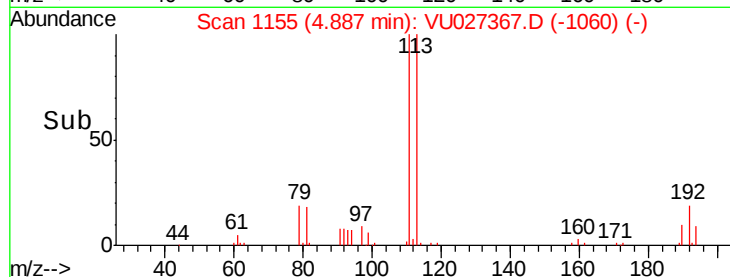
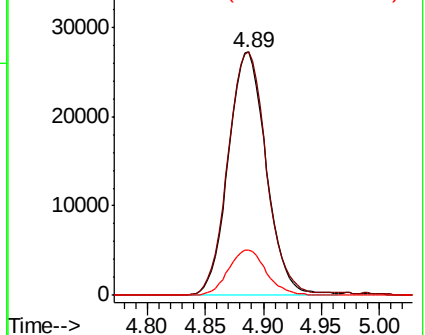
192 18.6 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.041 ug/l

RT: 5.14 min Scan# 1234

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

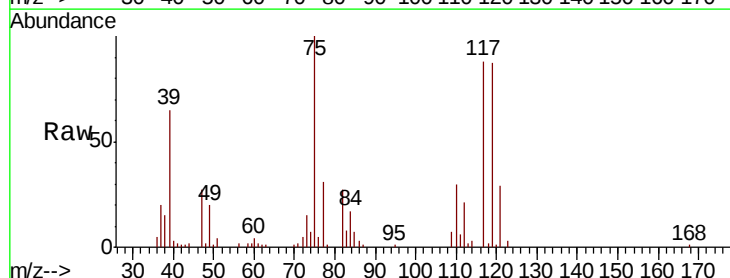
Tgt Ion: 75 Resp: 35587

Ion Ratio Lower Upper

75 100

110 30.5 15.5 46.5

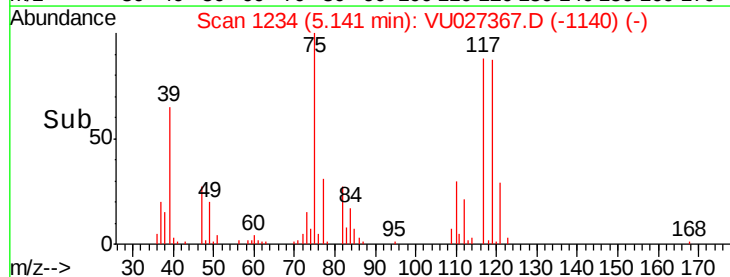
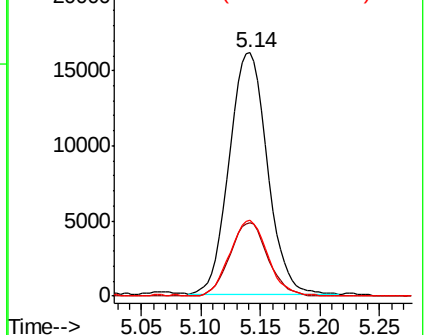
77 31.3 25.4 38.0

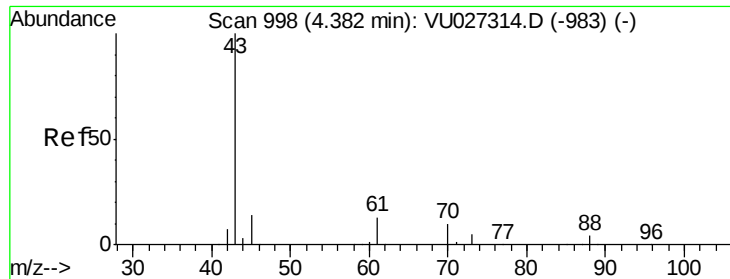


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 19.401 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

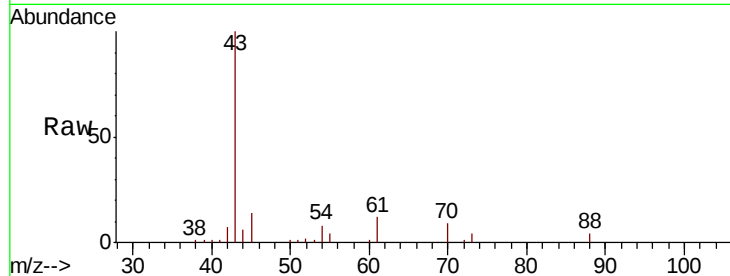
Tgt Ion: 43 Resp: 49461

Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

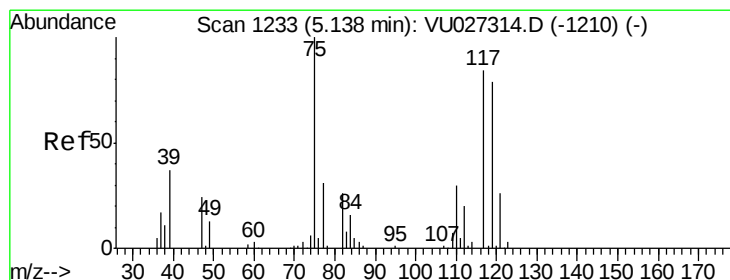
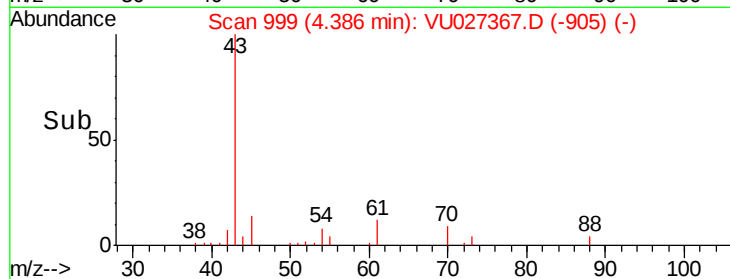
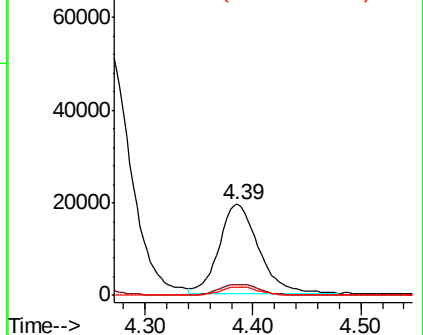
70 8.8 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VU027314.D (-983) (-)

Ion 70.00 (69.70 to 70.70): VU027314.D (-983) (-)



#38

Carbon Tetrachloride

Concen: 19.398 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

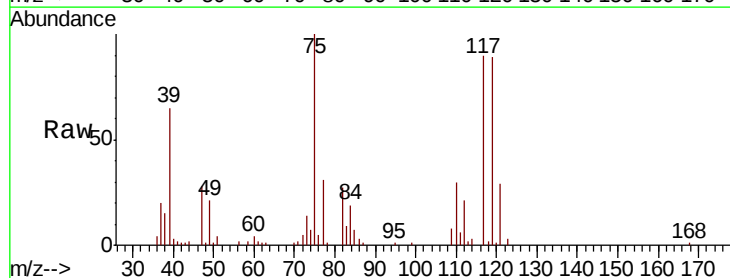
Tgt Ion: 117 Resp: 34564

Ion Ratio Lower Upper

117 100

119 98.0 74.5 111.7

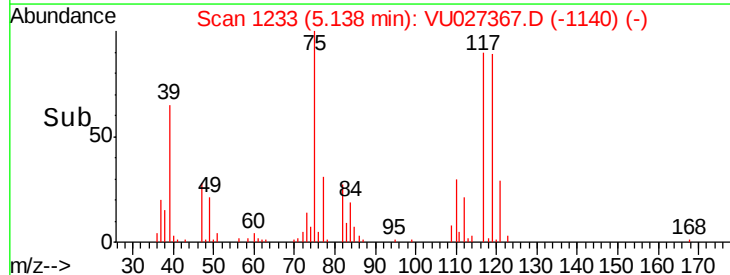
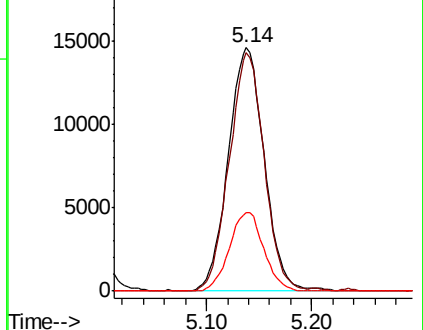
121 32.2 24.6 37.0

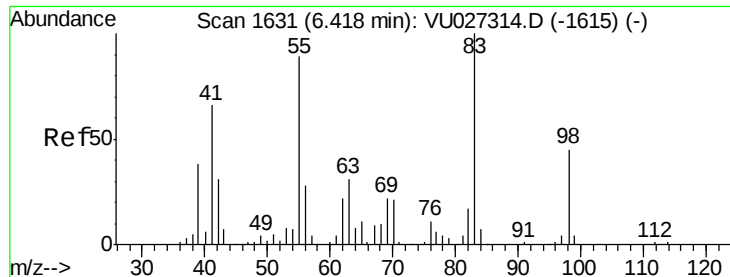


Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)

Ion 118.80 (118.50 to 119.50): VU027314.D (-1210) (-)

Ion 120.80 (120.50 to 121.50): VU027314.D (-1210) (-)

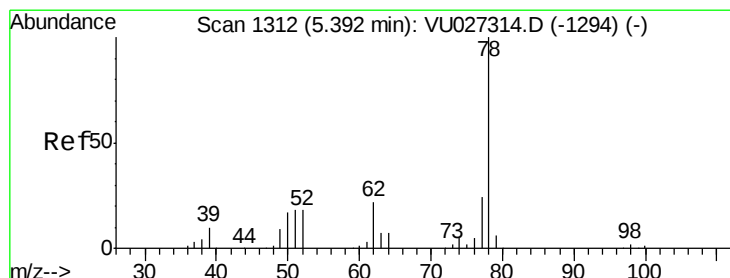
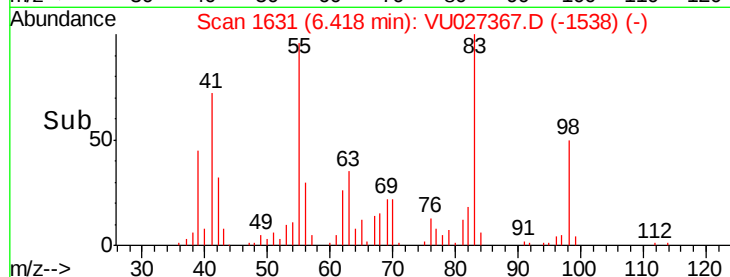
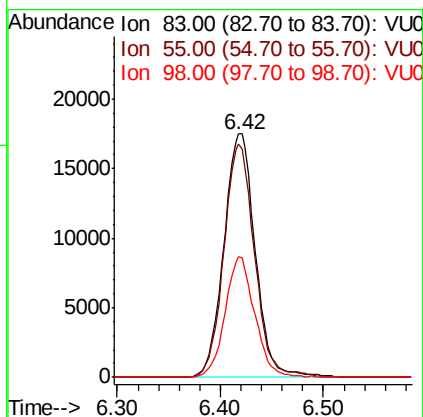
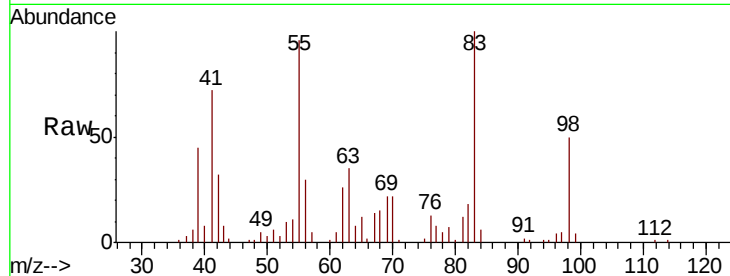




#39
Methylcyclohexane
Concen: 16.080 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

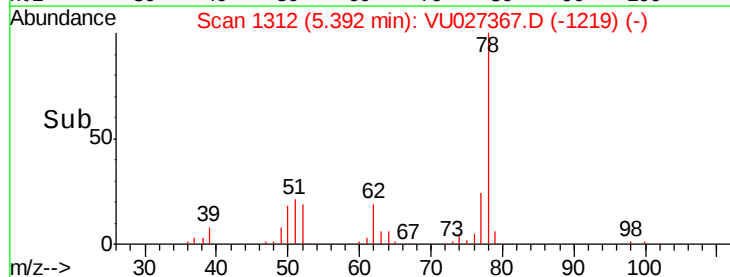
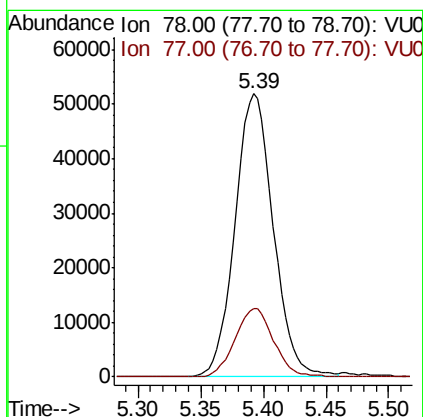
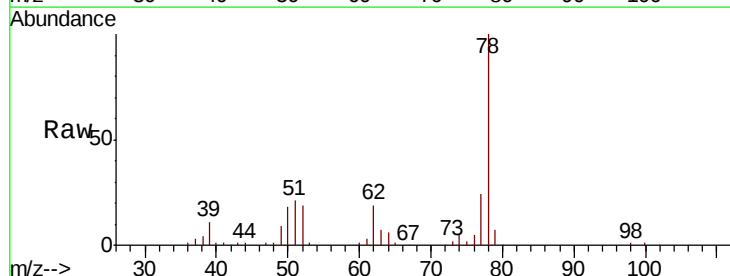
Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

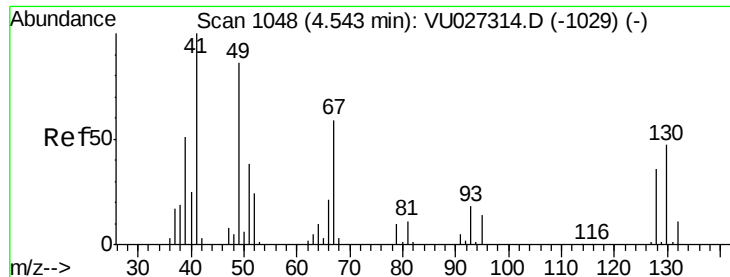
Tgt Ion: 83 Resp: 37078
Ion Ratio Lower Upper
83 100
55 95.8 71.1 106.7
98 49.6 36.3 54.5



#40
Benzene
Concen: 19.178 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 78 Resp: 110198
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41

Methacrylonitrile

Concen: 18.892 ug/l

RT: 4.55 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

Tgt Ion: 41 Resp: 27223

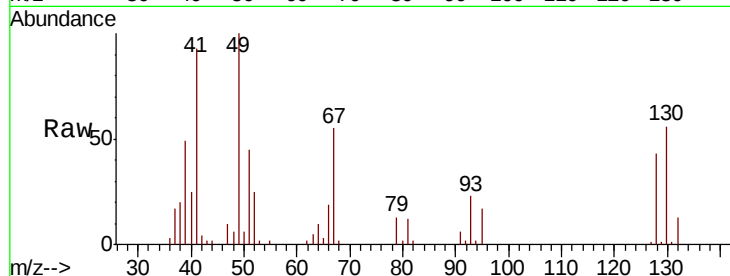
Ion Ratio Lower Upper

41 100

39 53.8 41.1 61.7

67 62.1 50.4 75.6

52 27.5 20.3 30.5

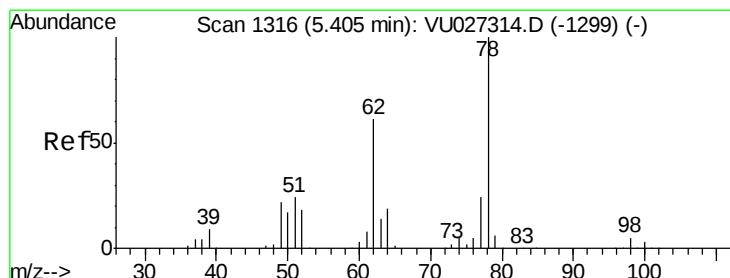
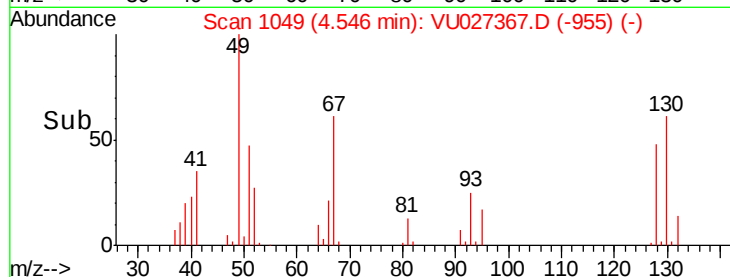
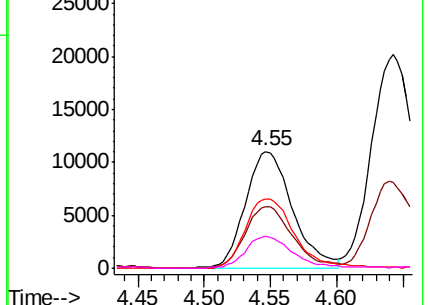


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 19.724 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU027367.D

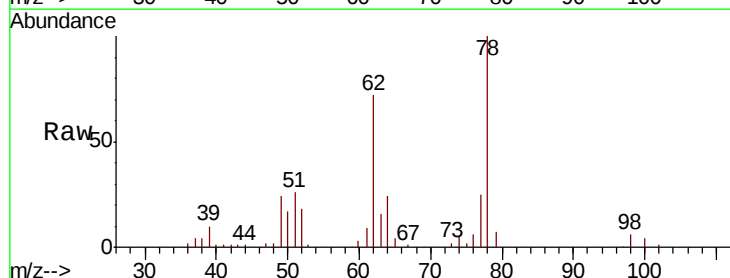
Acq: 03 Oct 2018 19:56

Tgt Ion: 62 Resp: 42069

Ion Ratio Lower Upper

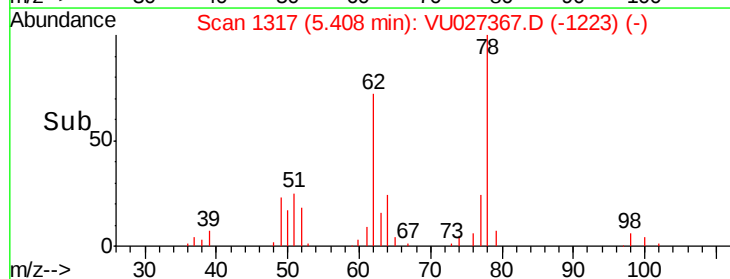
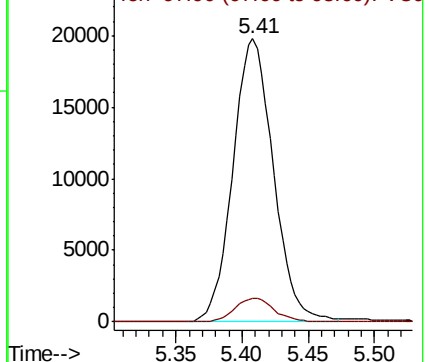
62 100

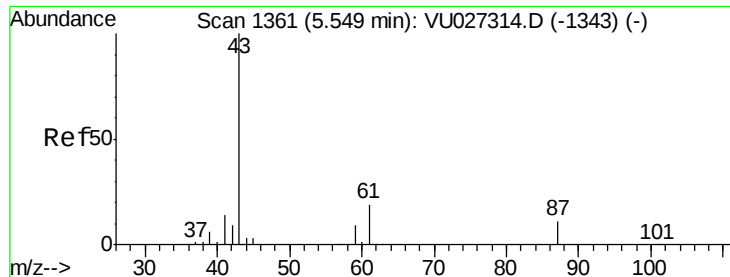
98 8.1 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

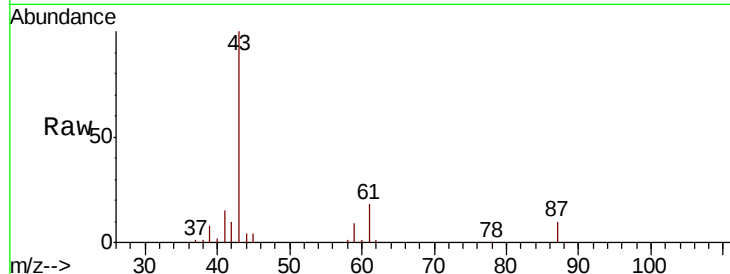




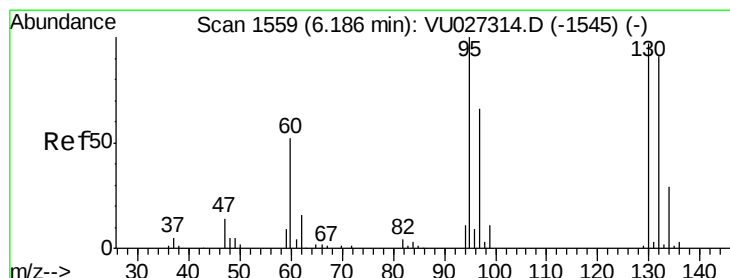
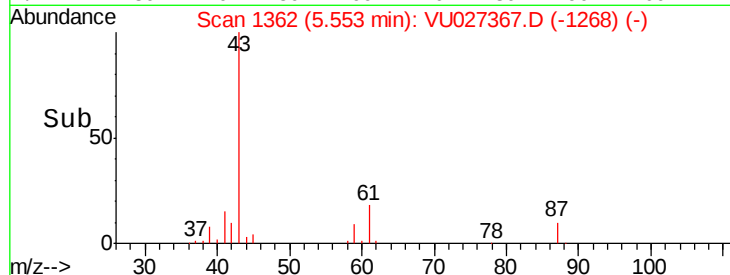
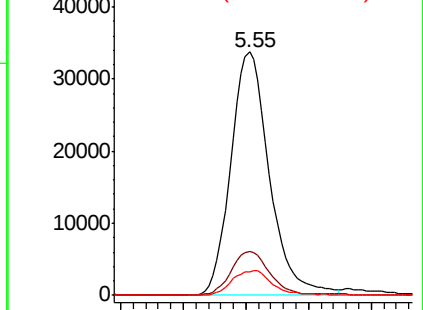
#43
Isopropyl Acetate
Concen: 18.270 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

Tgt Ion: 43 Resp: 72340
Ion Ratio Lower Upper
43 100
61 18.5 15.3 22.9
87 10.5 8.6 13.0

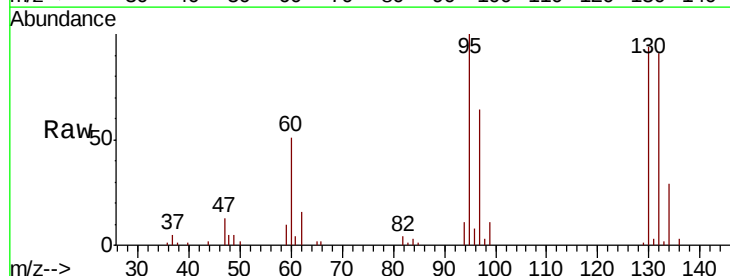


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

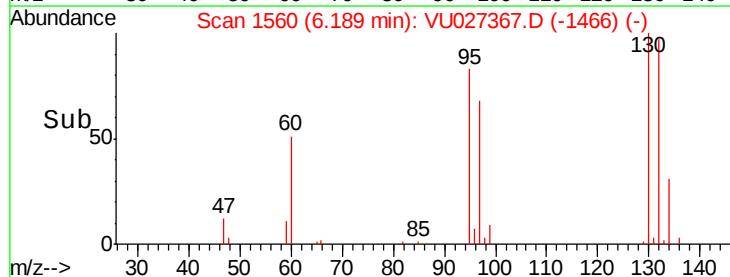
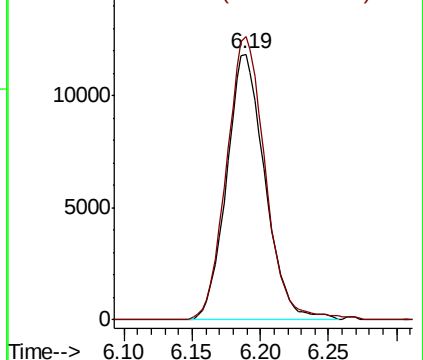


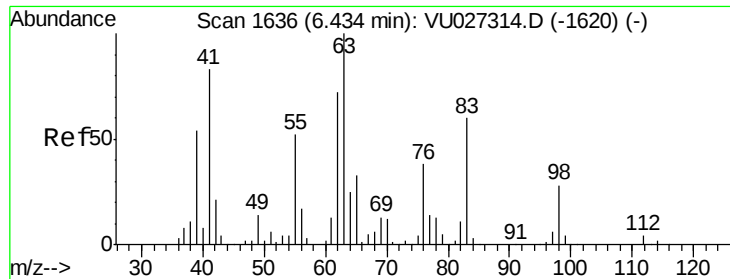
#44
Trichloroethene
Concen: 18.089 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 130 Resp: 23176
Ion Ratio Lower Upper
130 100
95 106.6 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

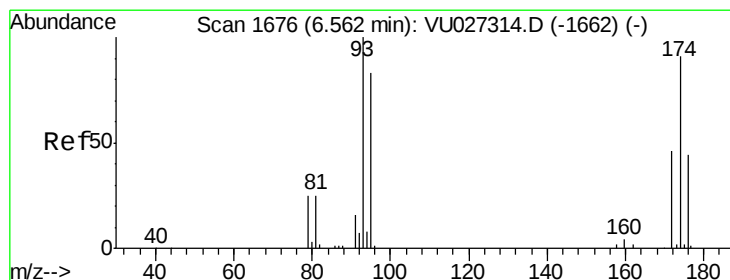
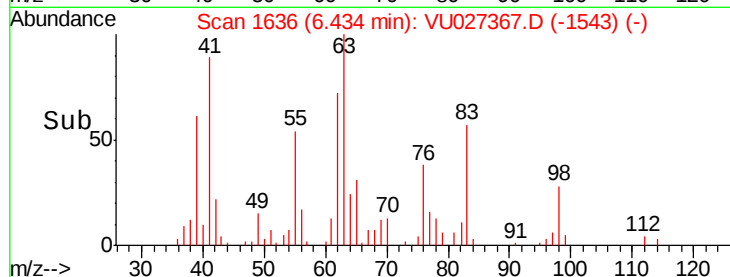
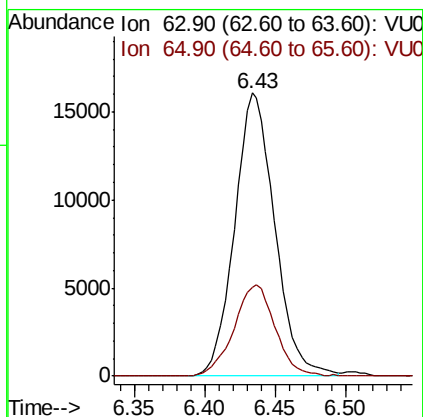
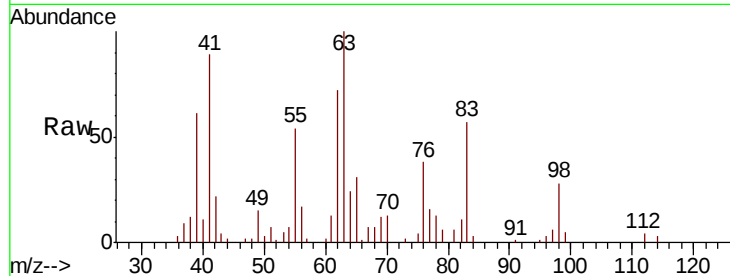




#45
 1,2-Dichloropropane
 Concen: 19.349 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

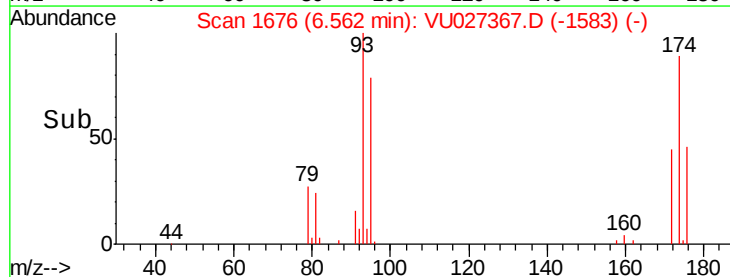
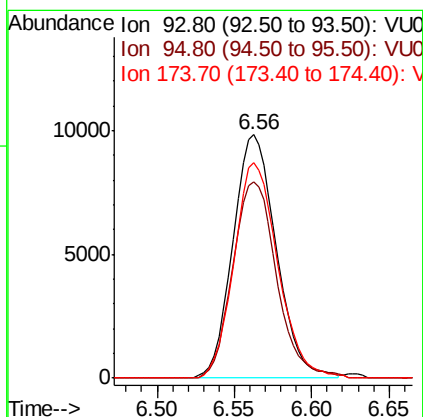
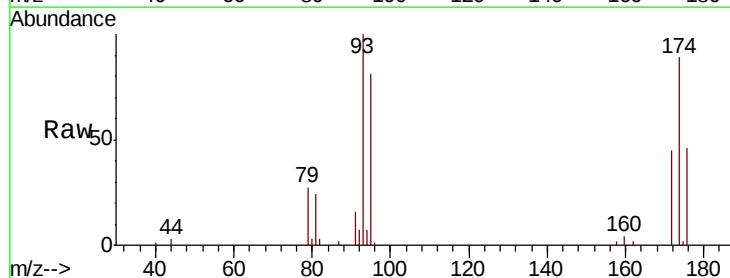
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

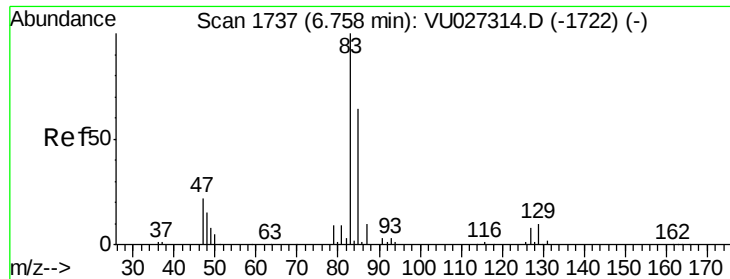
Tgt Ion: 63 Resp: 32067
 Ion Ratio Lower Upper
 63 100
 65 31.3 26.0 39.0



#46
 Dibromomethane
 Concen: 20.444 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion: 93 Resp: 19136
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.5 99.7
 174 89.6 72.5 108.7





#47

Bromodichloromethane

Concen: 19.775 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

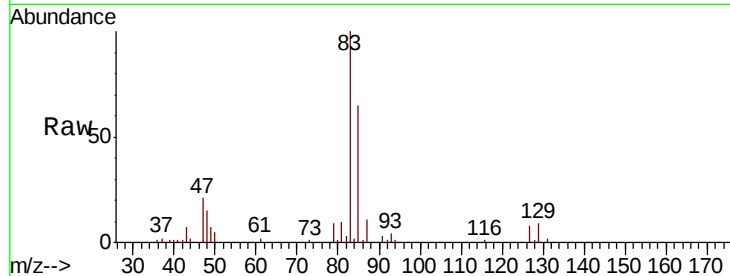
Tgt Ion: 83 Resp: 38408

Ion Ratio Lower Upper

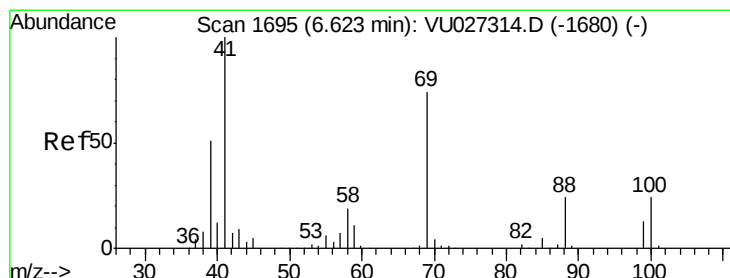
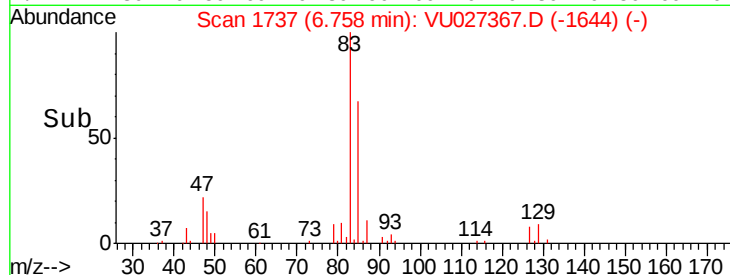
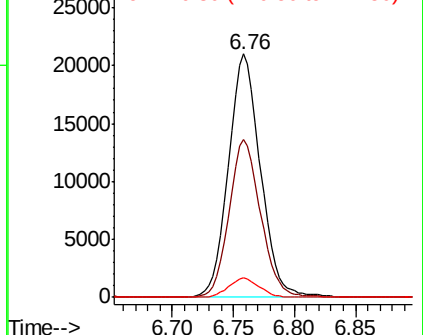
83 100

85 65.0 51.4 77.0

127 8.0 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.075 ug/l

RT: 6.63 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

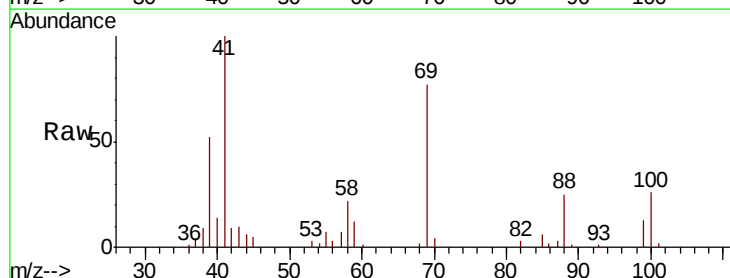
Tgt Ion: 41 Resp: 35589

Ion Ratio Lower Upper

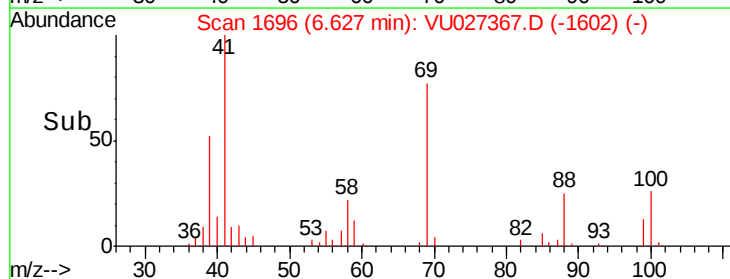
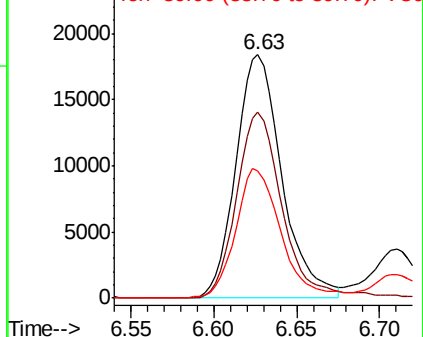
41 100

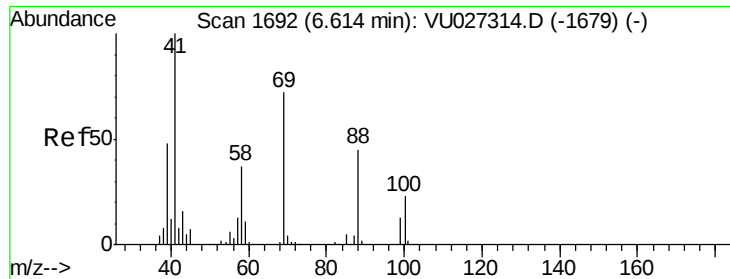
69 76.2 61.0 91.4

39 52.3 39.9 59.9



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

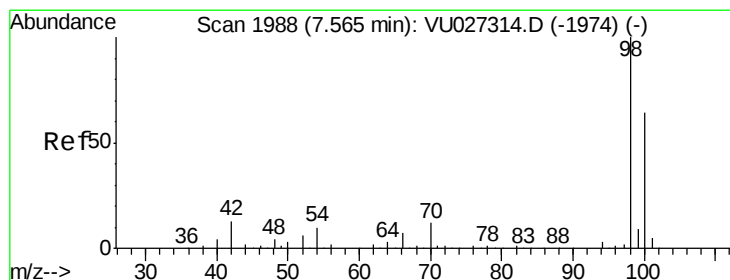
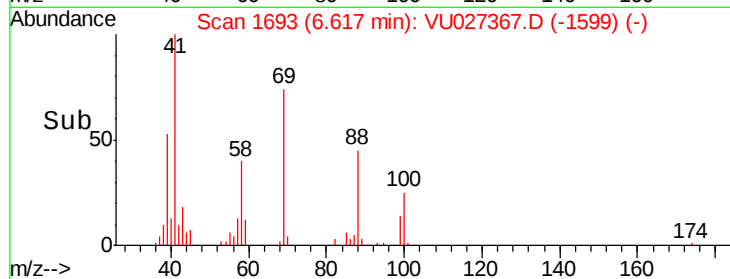
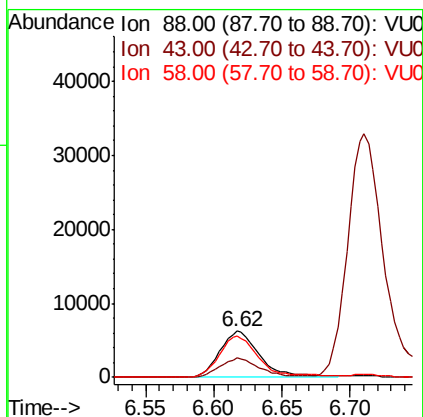
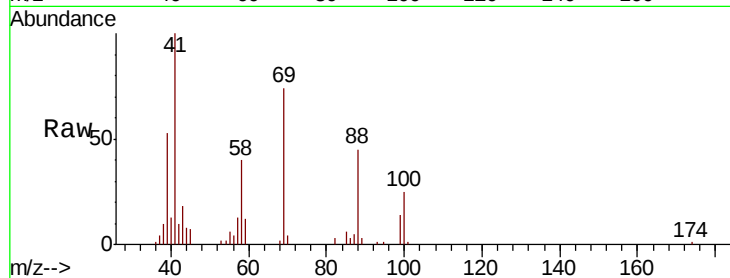




#49
1,4-Dioxane
Concen: 372.957 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

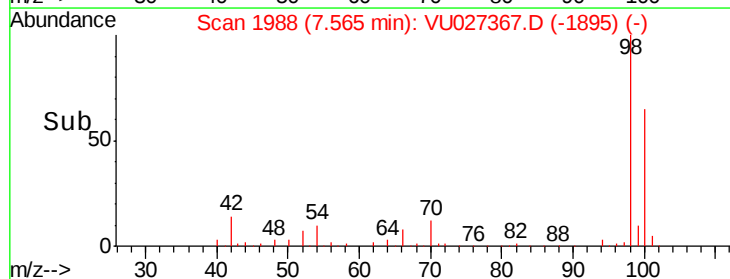
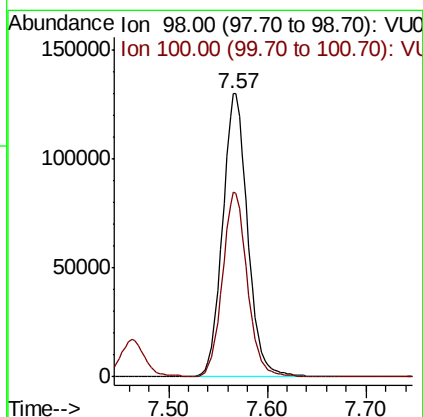
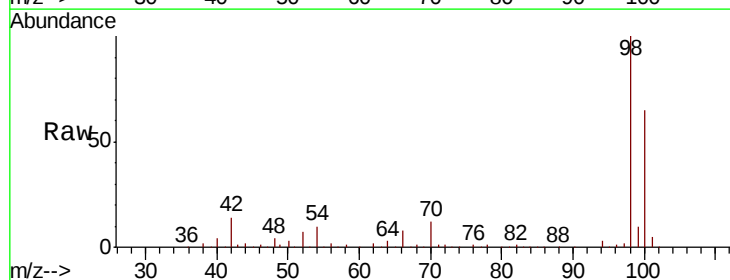
Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

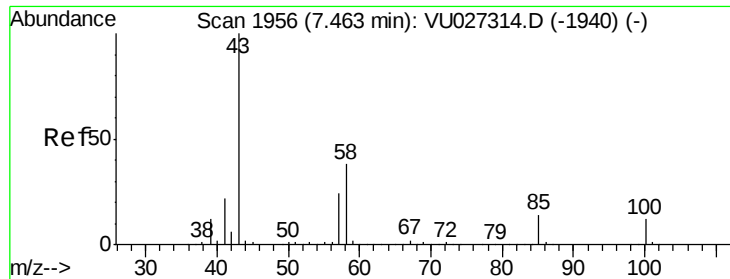
Tgt Ion: 88 Resp: 12635
Ion Ratio Lower Upper
88 100
43 41.0 30.8 46.2
58 84.9 67.0 100.6



#50
Toluene-d8
Concen: 49.764 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 98 Resp: 231899
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 97.980 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

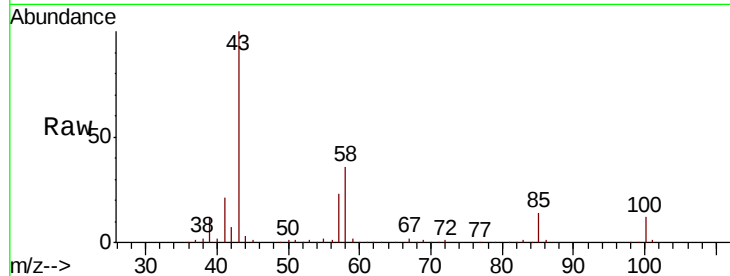
VU1004WBS01

Tgt Ion: 43 Resp: 252094

Ion Ratio Lower Upper

43 100

58 36.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

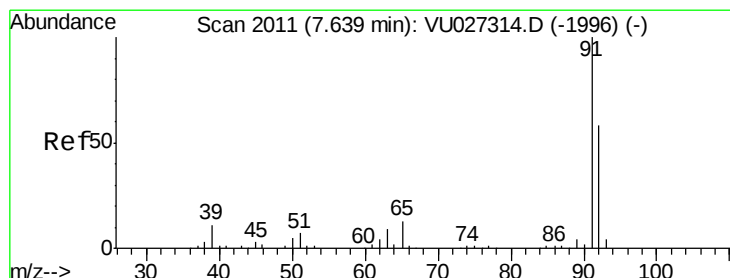
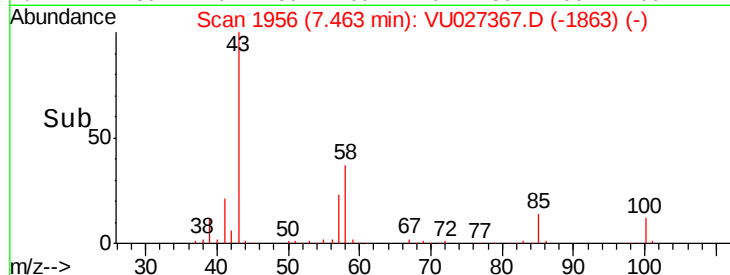
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.727 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027367.D

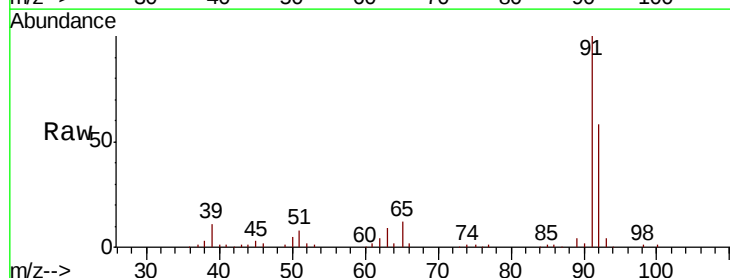
Acq: 03 Oct 2018 19:56

Tgt Ion: 92 Resp: 63689

Ion Ratio Lower Upper

92 100

91 174.8 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

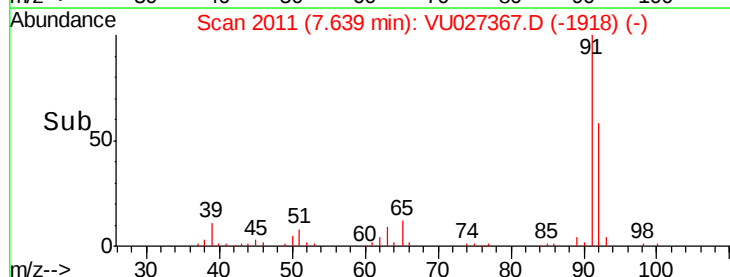
60000

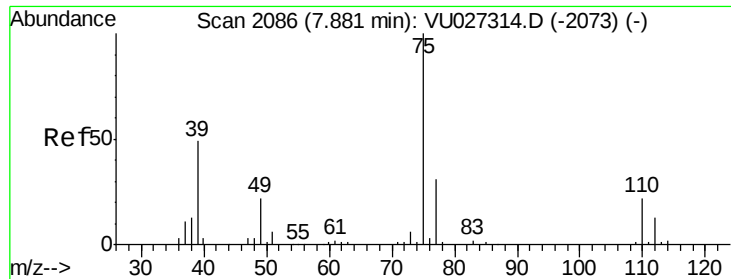
40000

20000

0

Time-->

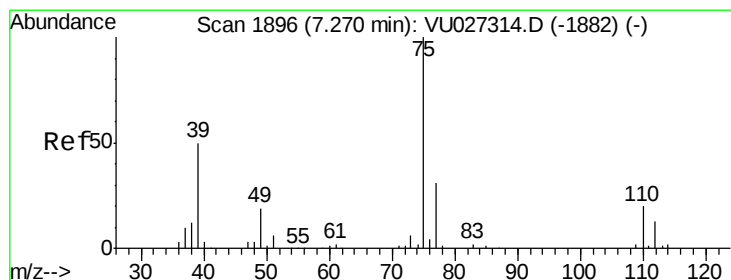
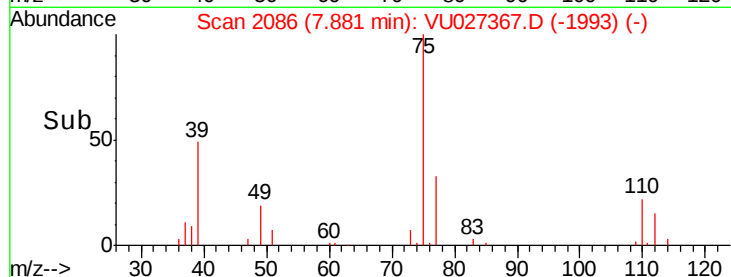
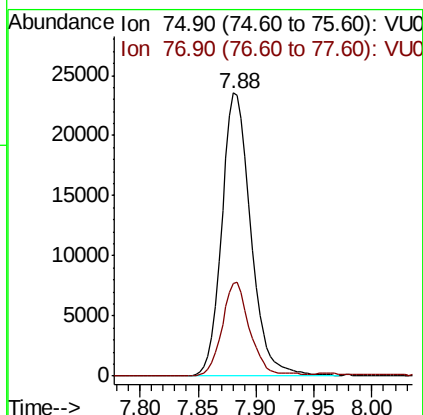
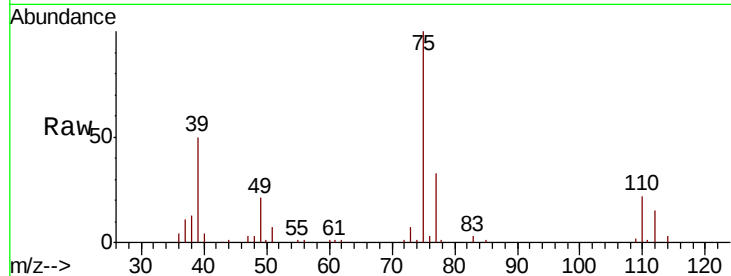




#53
t-1,3-Dichloropropene
Concen: 18.043 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

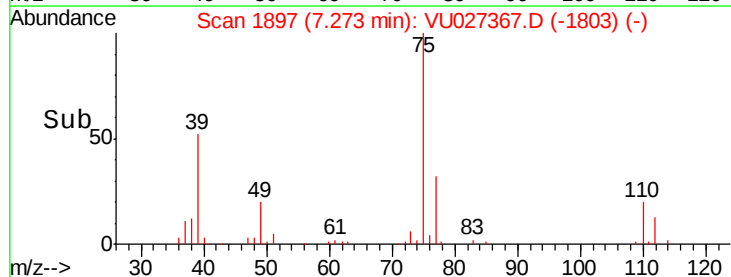
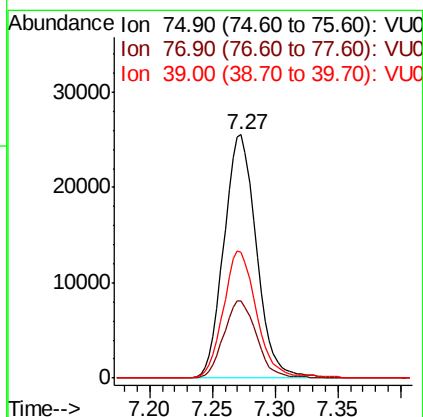
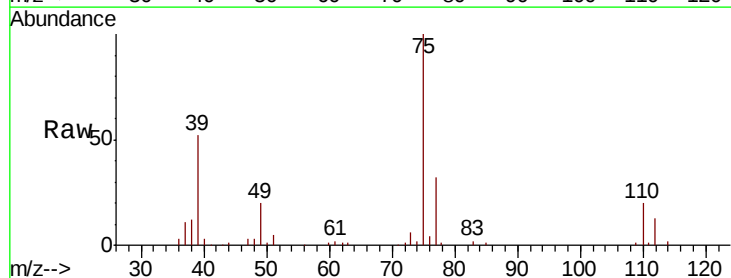
Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

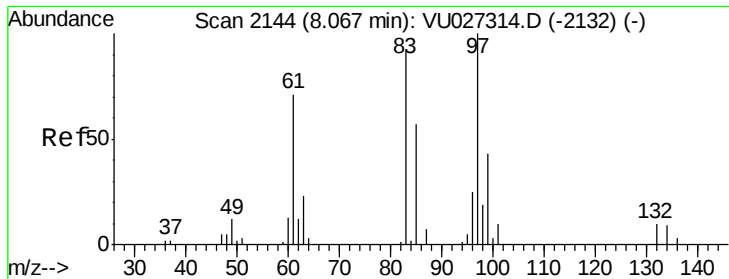
Tgt Ion: 75 Resp: 41089
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 18.824 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 75 Resp: 46082
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7
39 51.5 40.1 60.1

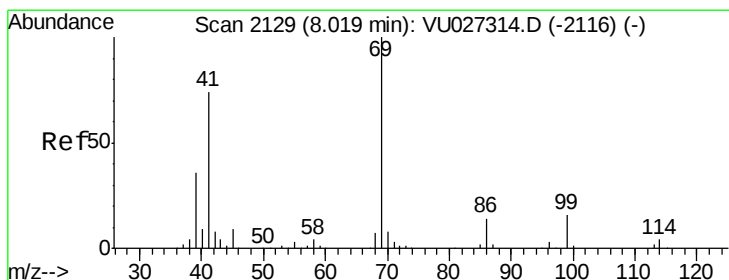
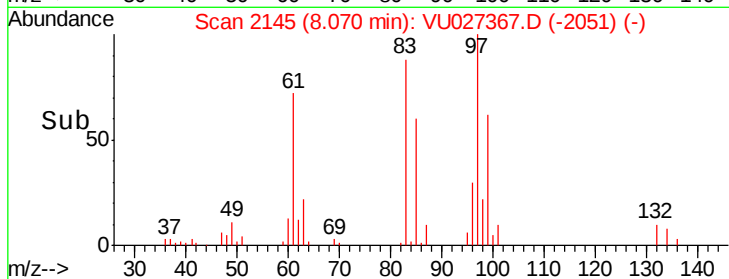
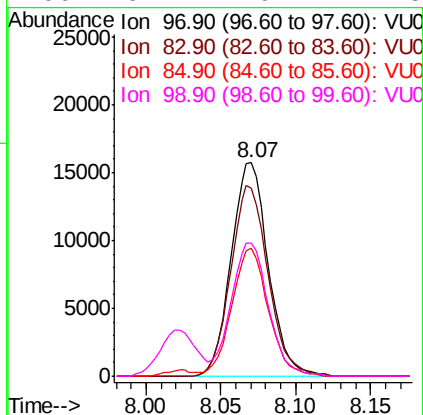
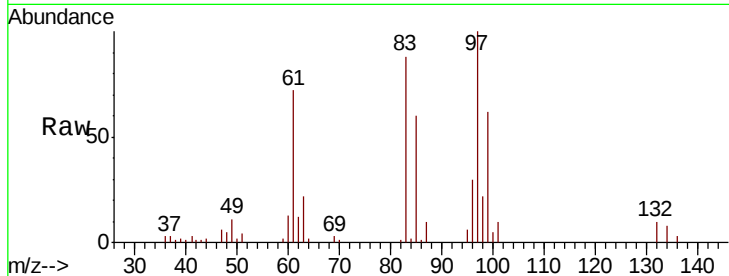




#55
 1,1,2-Trichloroethane
 Concen: 20.192 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

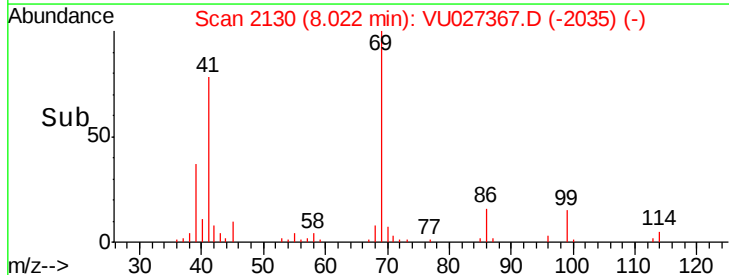
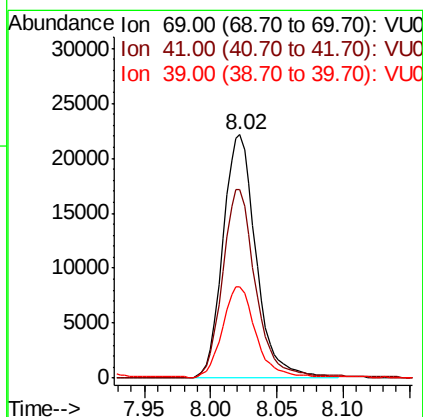
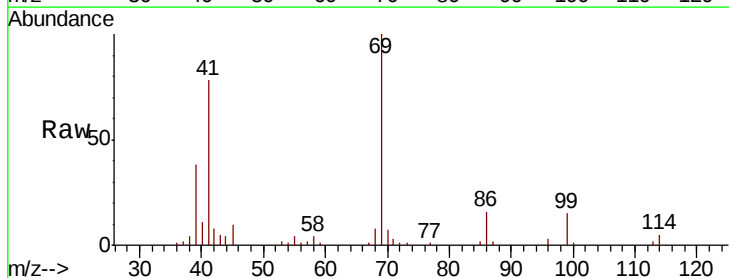
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

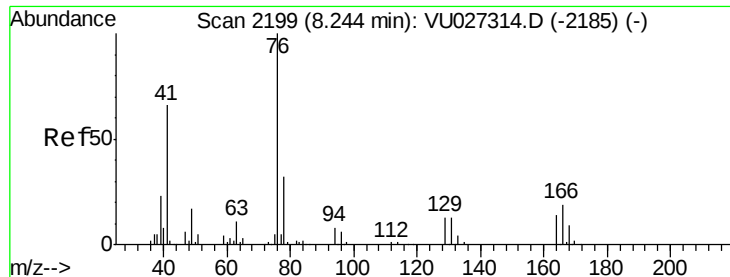
Tgt Ion:	97	Resp:	27227
Ion	Ratio	Lower	Upper
97	100		
83	88.2	73.0	109.6
85	59.7	47.3	70.9
99	62.4	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 16.483 ug/l
 RT: 8.02 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion:	69	Resp:	38444
Ion	Ratio	Lower	Upper
69	100		
41	77.2	60.0	90.0
39	38.7	29.5	44.3

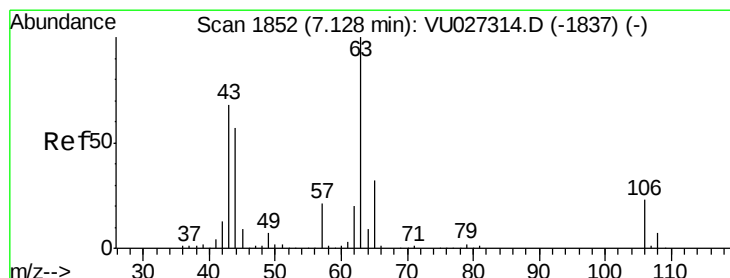
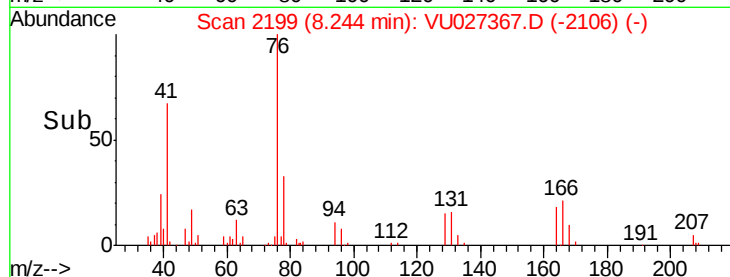
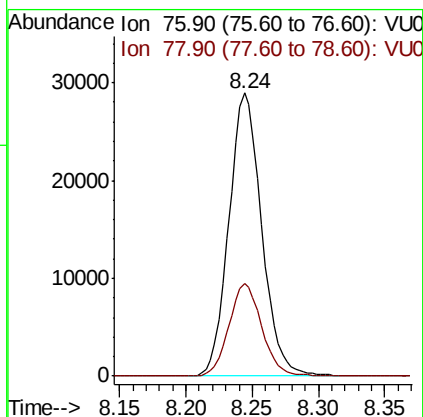
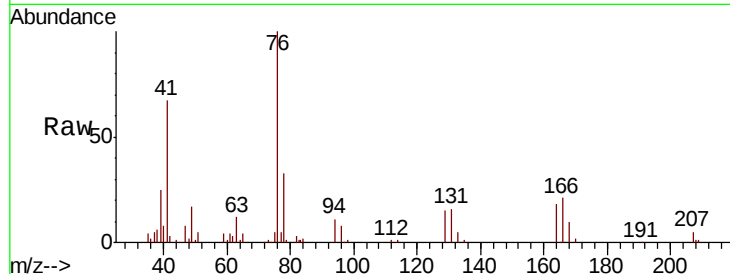




#57
 1,3-Dichloropropane
 Concen: 19.004 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

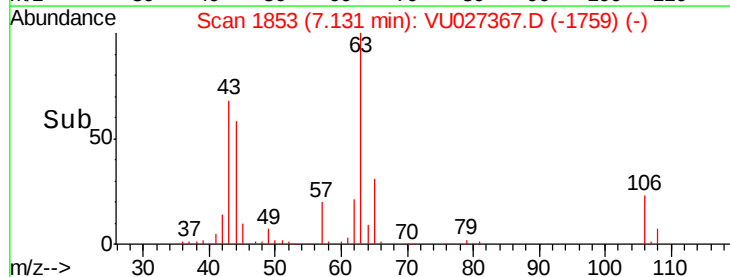
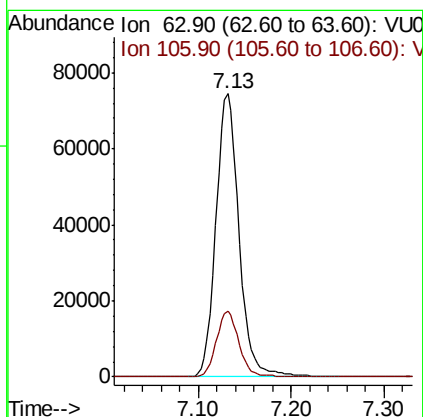
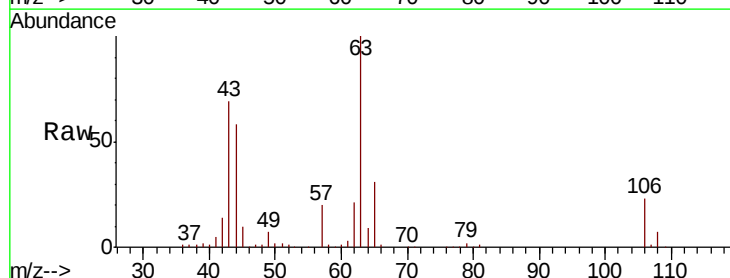
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

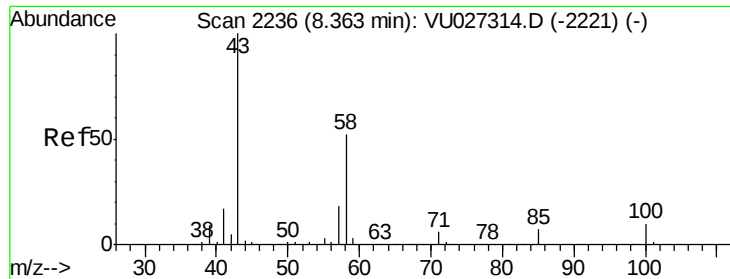
Tgt Ion: 76 Resp: 49746
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.981 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion: 63 Resp: 128672
 Ion Ratio Lower Upper
 63 100
 106 22.7 18.5 27.7

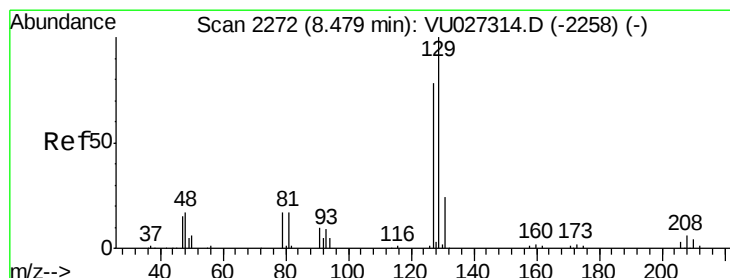
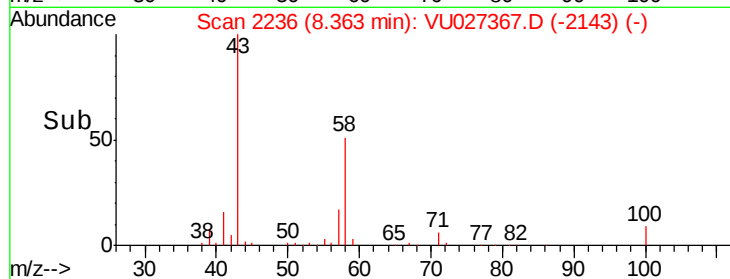
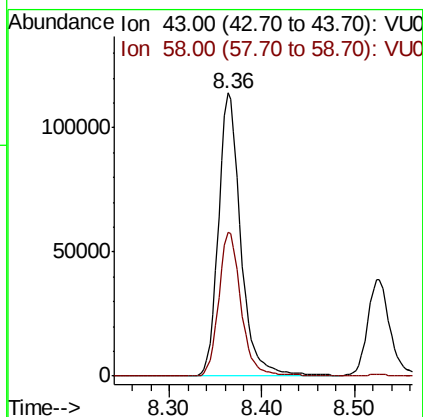
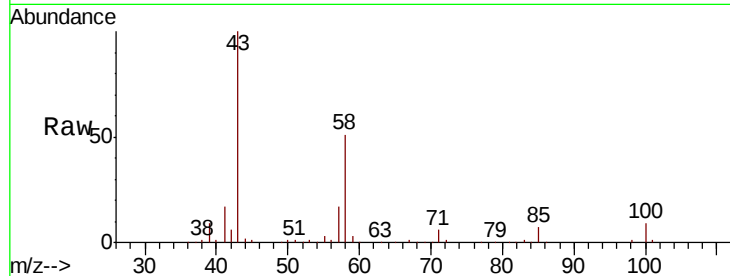




#59
 2-Hexanone
 Concen: 95.375 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

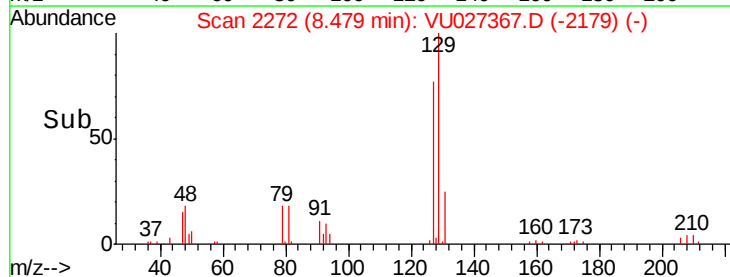
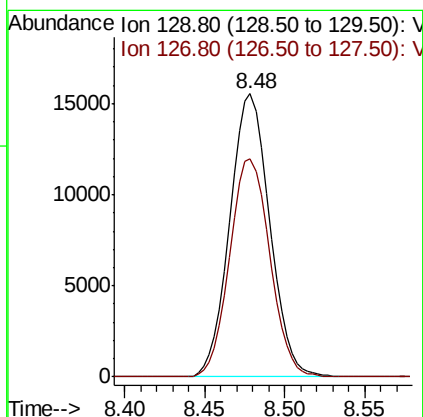
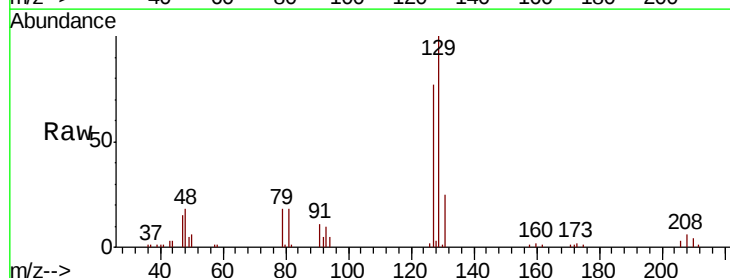
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

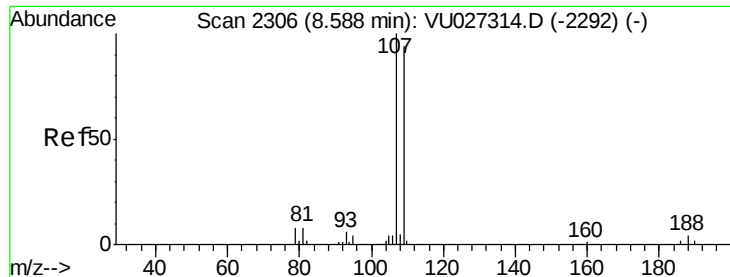
Tgt Ion: 43 Resp: 190356
 Ion Ratio Lower Upper
 43 100
 58 51.0 26.1 78.3



#60
 Dibromochloromethane
 Concen: 19.539 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion: 129 Resp: 26425
 Ion Ratio Lower Upper
 129 100
 127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.522 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

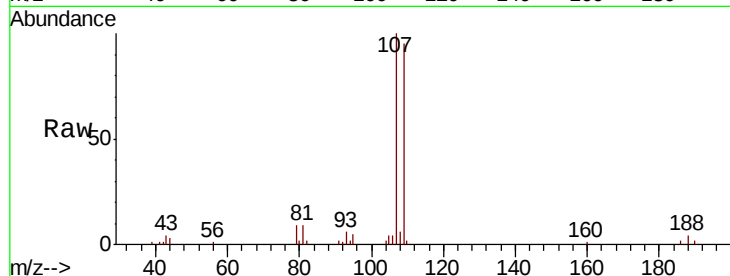
VU1004WBS01

Tgt Ion: 107 Resp: 27988

Ion Ratio Lower Upper

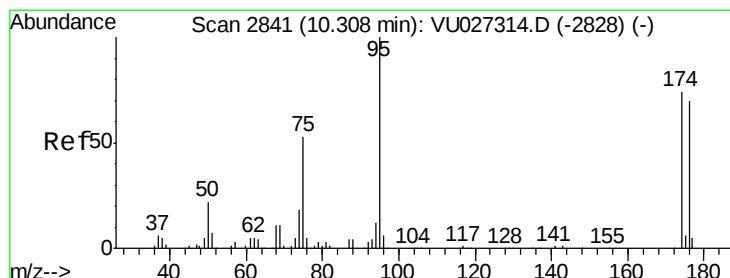
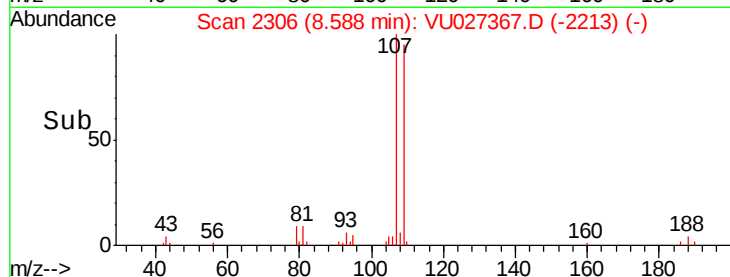
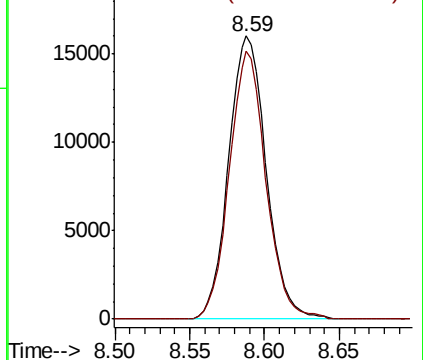
107 100

109 92.3 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.488 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

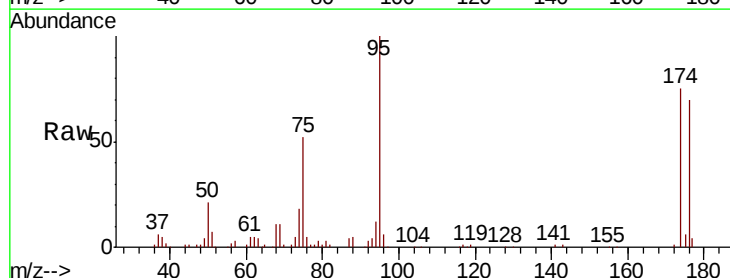
Tgt Ion: 95 Resp: 80509

Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.8

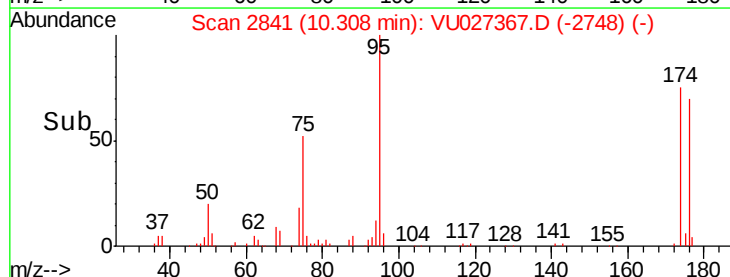
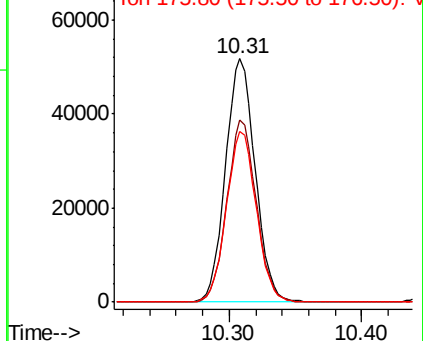
176 70.6 0.0 140.8

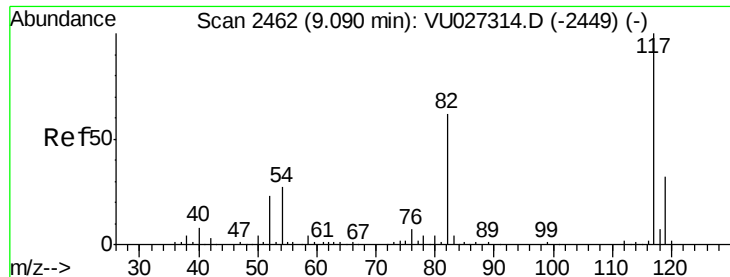


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

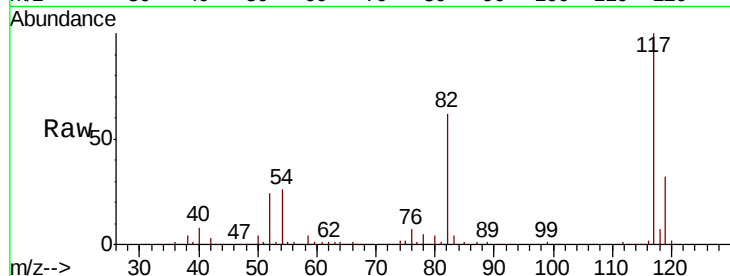




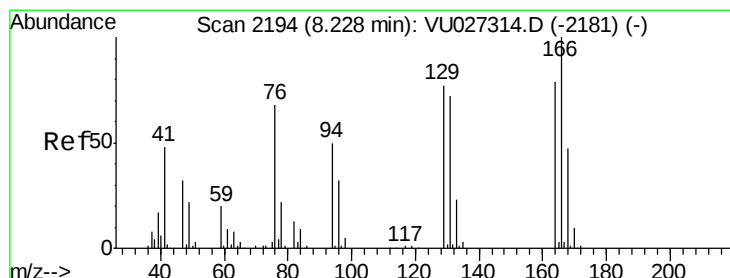
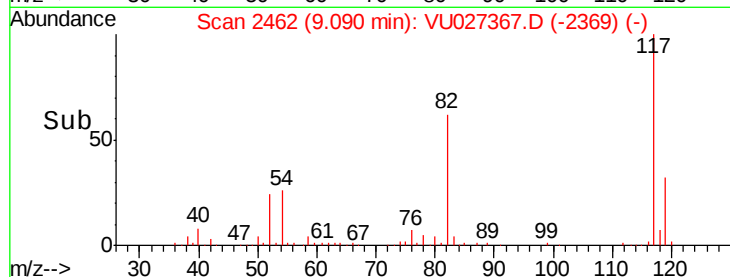
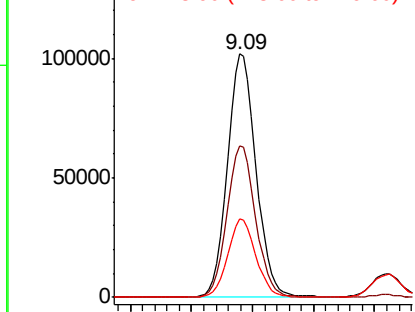
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

Tgt Ion:117 Resp: 167311
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 32.2 25.7 38.5



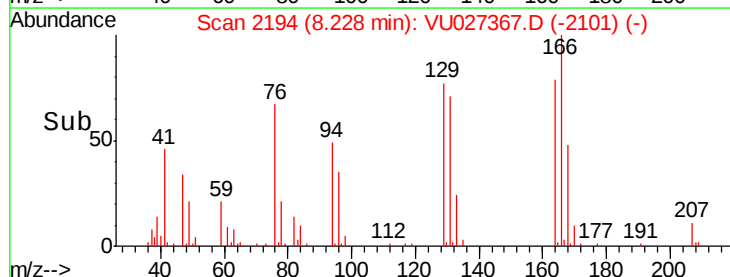
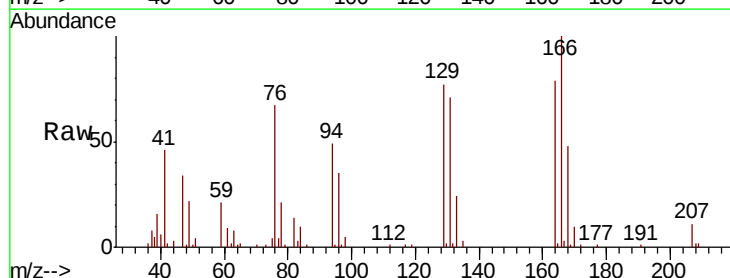
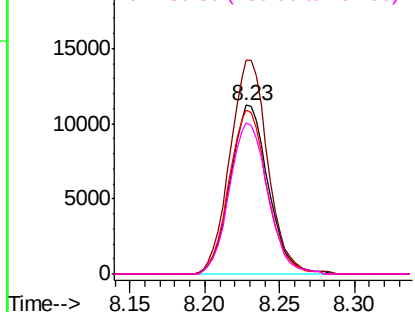
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

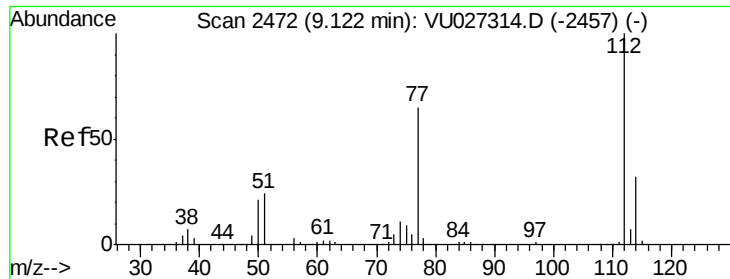


#64
Tetrachloroethene
Concen: 19.050 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion:164 Resp: 19841
Ion Ratio Lower Upper
164 100
166 126.4 101.0 151.6
129 97.1 78.0 117.0
131 89.6 72.6 109.0

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

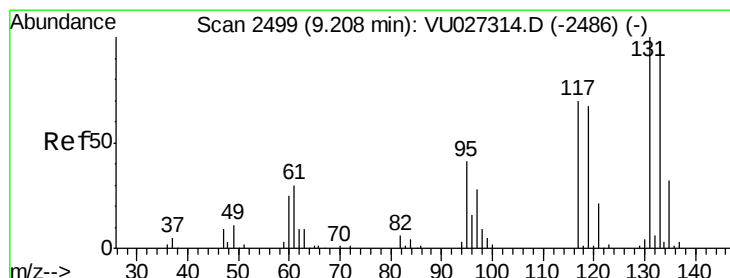
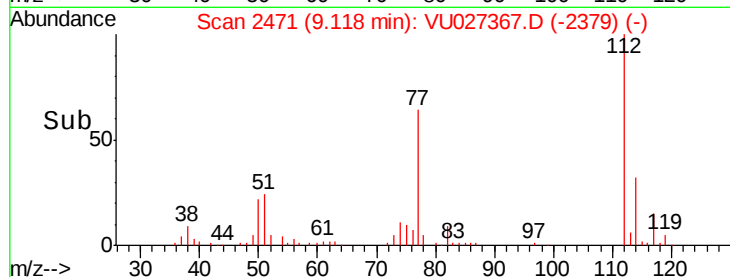
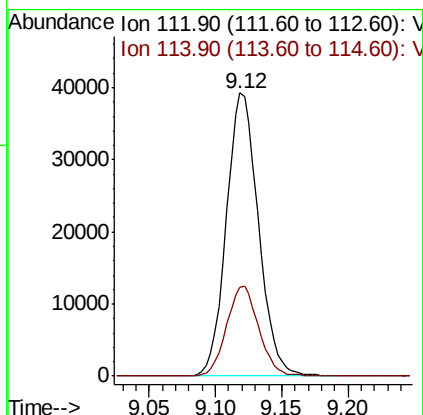
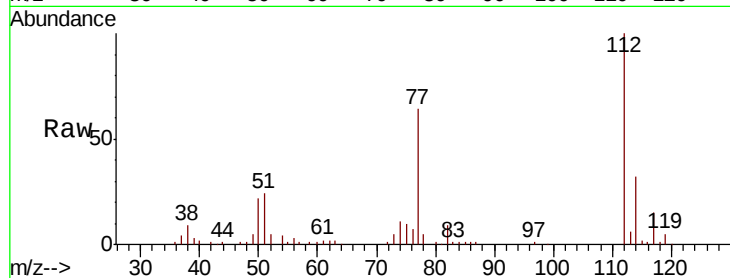




#65
Chlorobenzene
Concen: 18.743 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

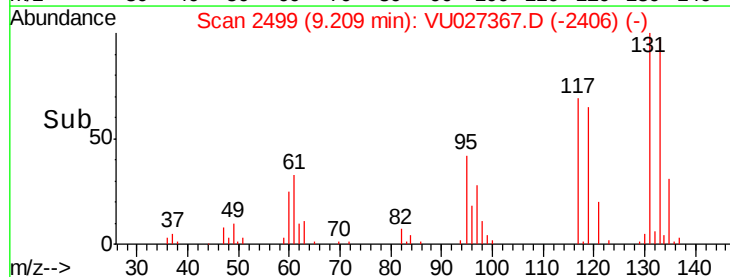
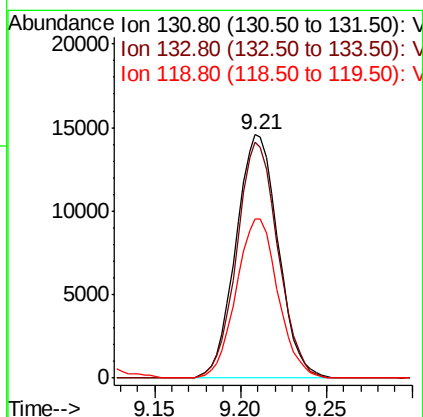
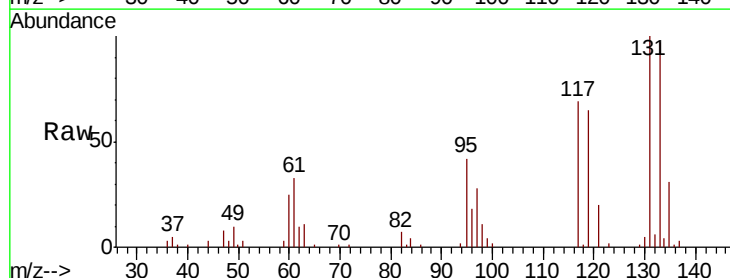
Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

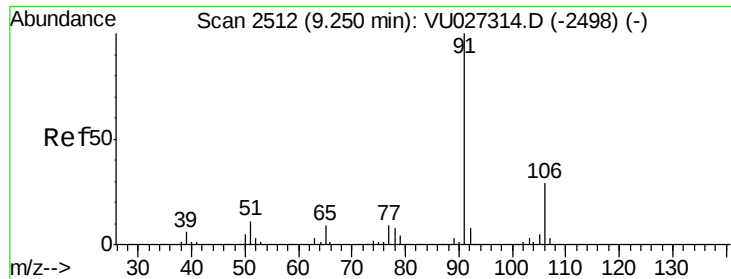
Tgt Ion:112 Resp: 66008
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.396 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion:131 Resp: 24797
Ion Ratio Lower Upper
131 100
133 94.6 48.5 145.6
119 64.7 33.5 100.4

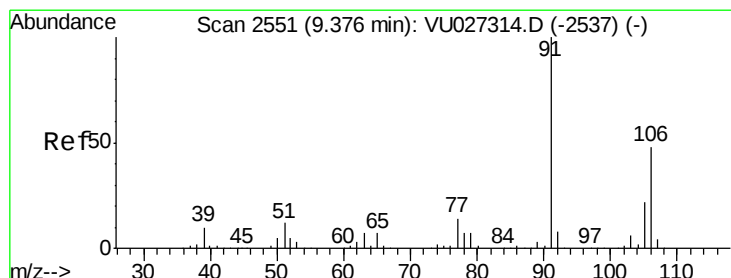
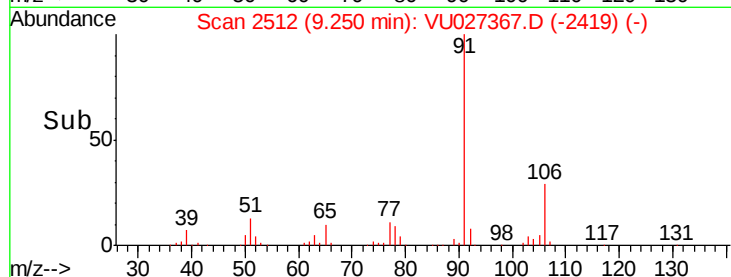
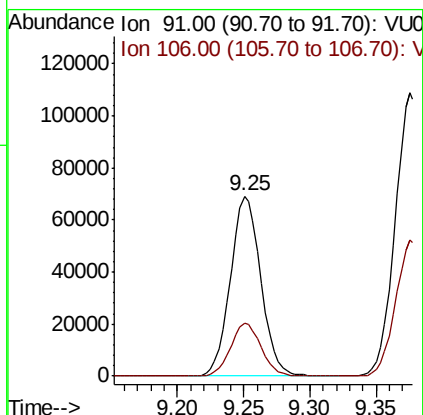
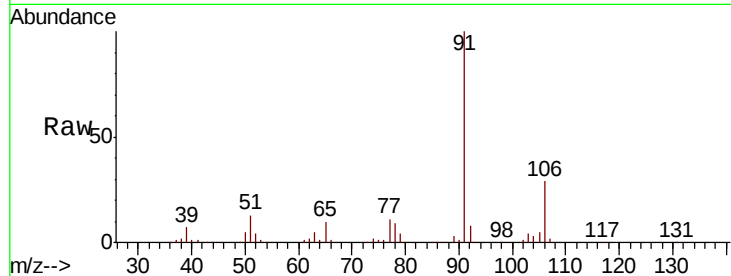




#67
Ethyl Benzene
Concen: 17.666 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

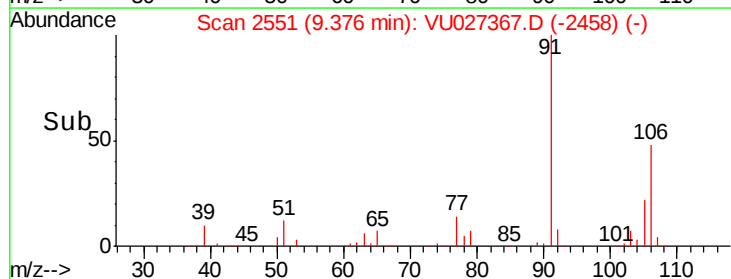
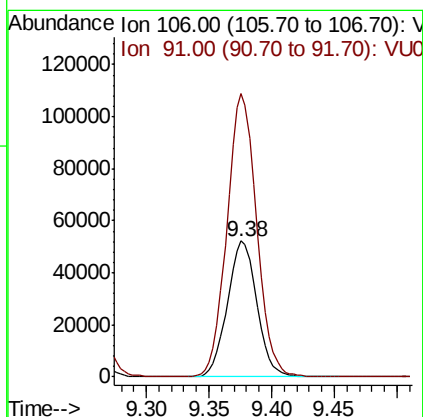
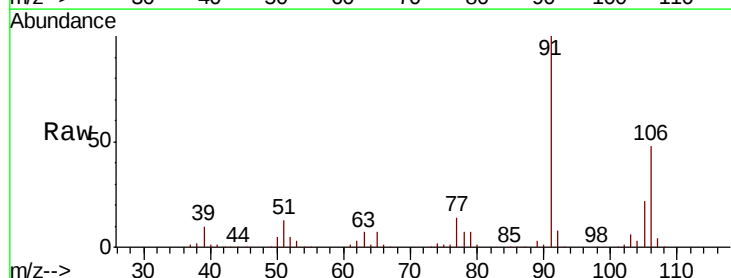
Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

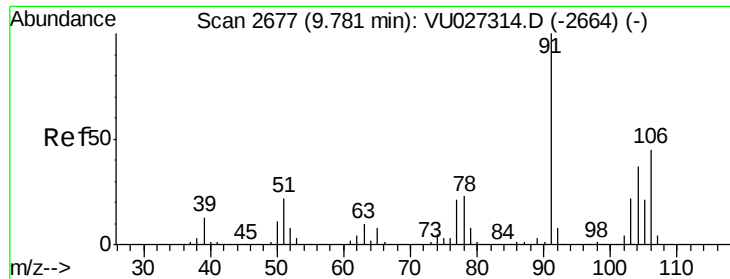
Tgt Ion: 91 Resp: 110229
Ion Ratio Lower Upper
91 100
106 29.3 23.6 35.4



#68
m/p-Xylenes
Concen: 37.383 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion: 106 Resp: 85322
Ion Ratio Lower Upper
106 100
91 208.4 168.1 252.1

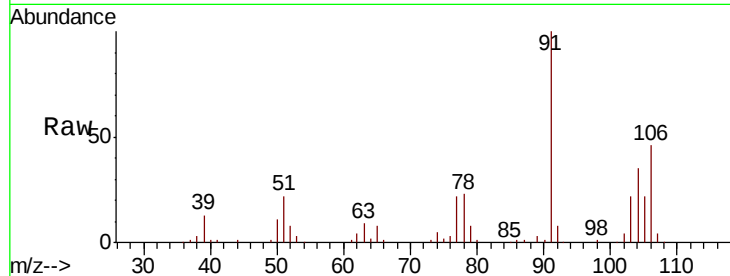




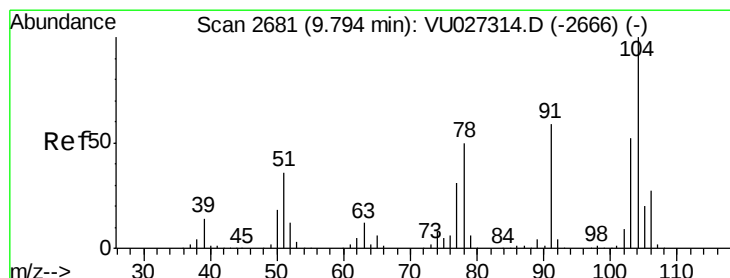
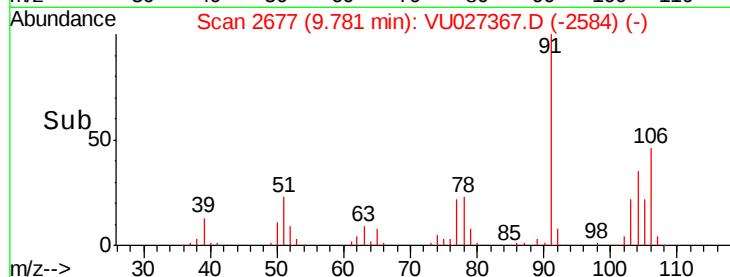
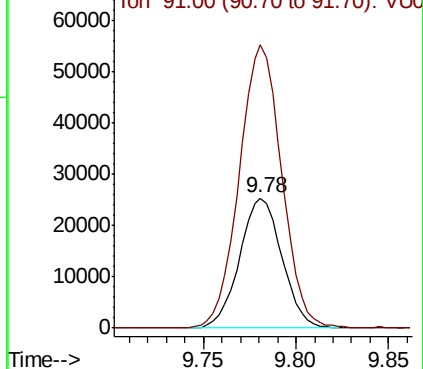
#69
o-Xylene
Concen: 18.510 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

Tgt Ion:106 Resp: 40147
Ion Ratio Lower Upper
106 100
91 218.5 111.7 334.9

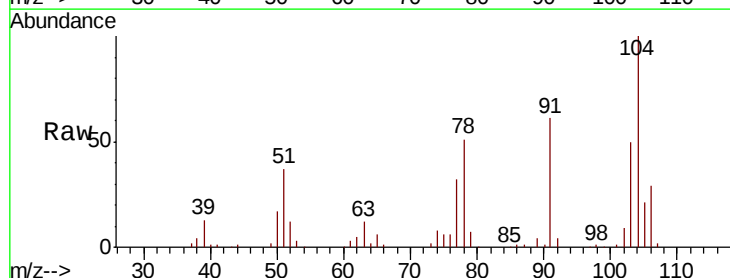


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

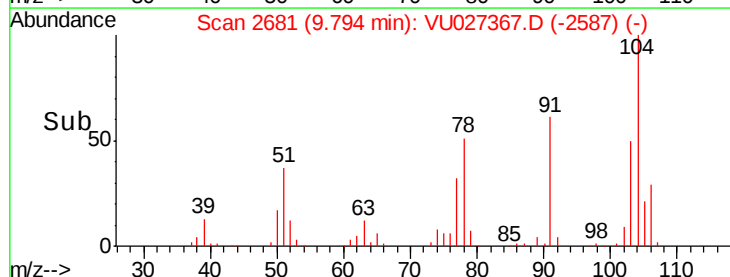
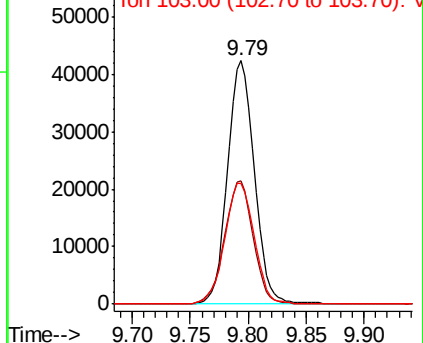


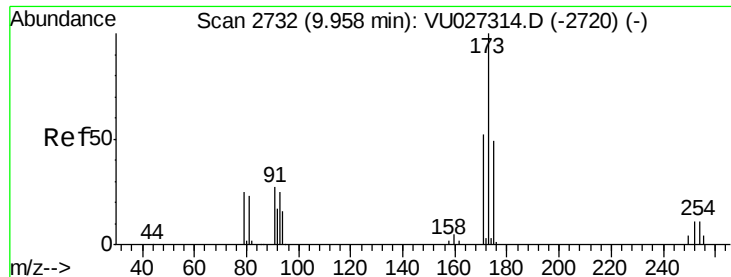
#70
Styrene
Concen: 18.202 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion:104 Resp: 67582
Ion Ratio Lower Upper
104 100
78 53.7 42.9 64.3
103 54.5 43.9 65.9



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: 19.048 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

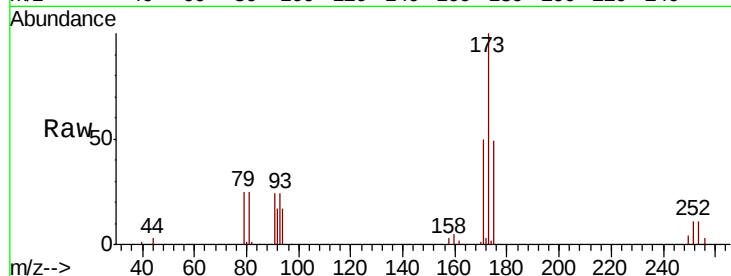
Tgt Ion:173 Resp: 18632

Ion Ratio Lower Upper

173 100

175 49.5 24.3 73.0

254 0.0 0.0 0.0

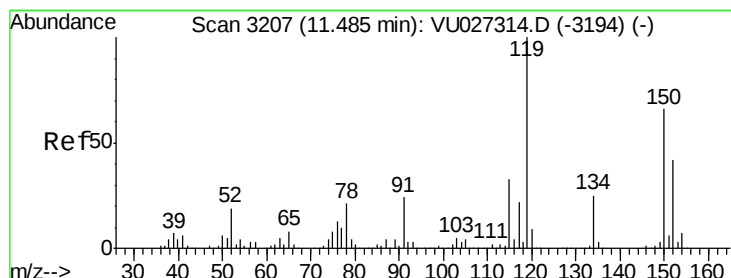
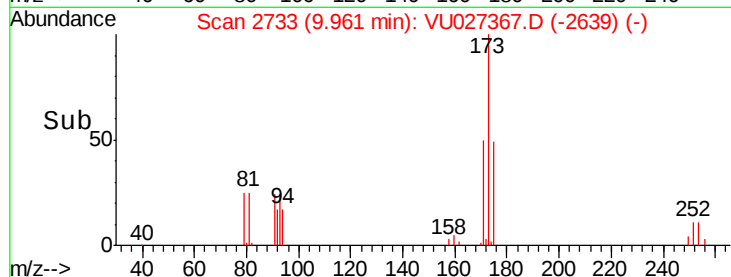
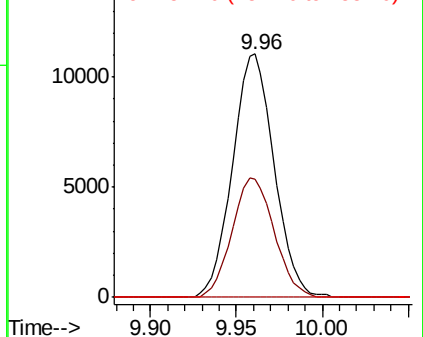


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

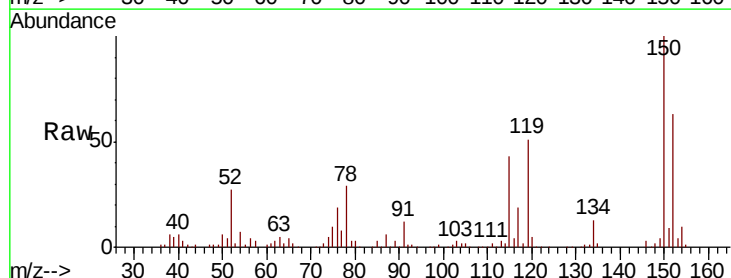
Tgt Ion:152 Resp: 83112

Ion Ratio Lower Upper

152 100

115 70.5 43.4 130.2

150 163.1 0.0 349.2

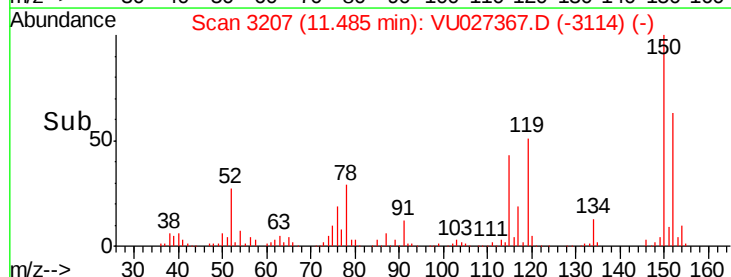
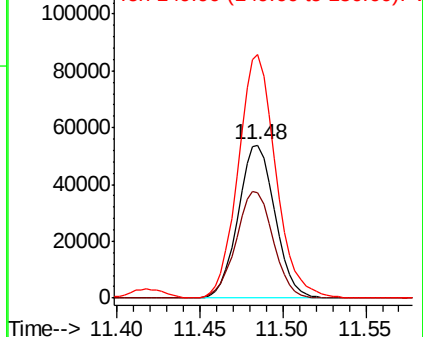


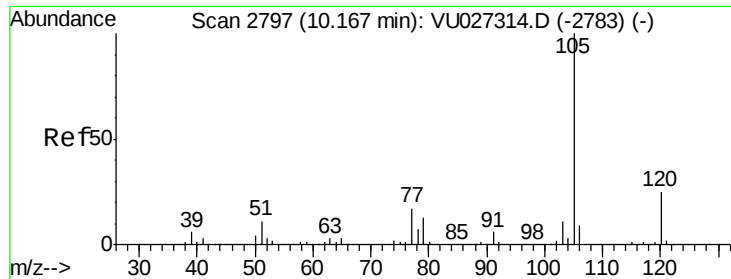
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.816 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

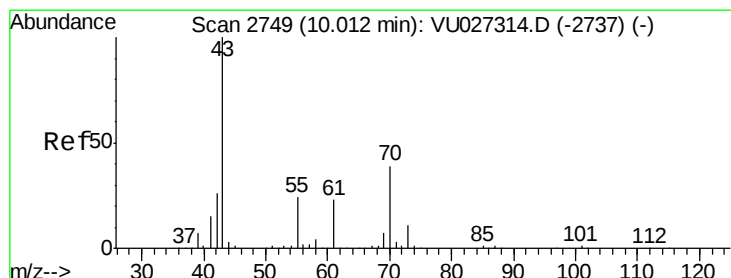
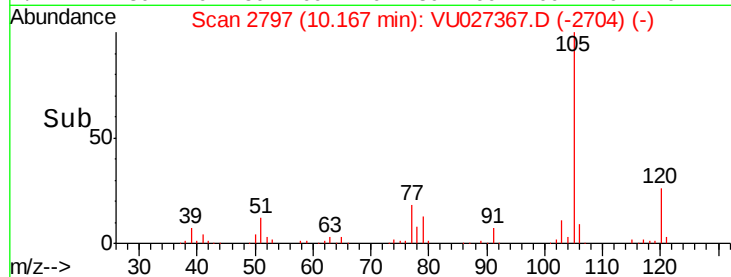
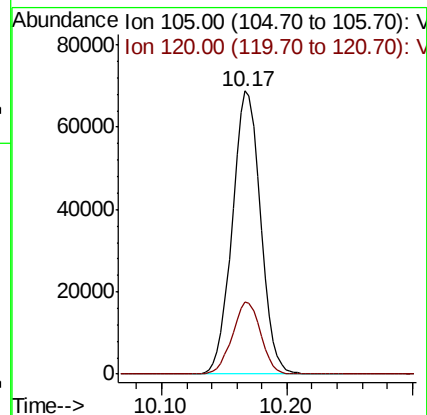
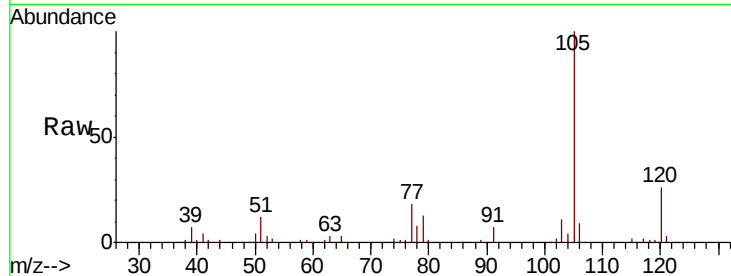
VU1004WBS01

Tgt Ion: 105 Resp: 107541

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 17.446 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Tgt Ion: 43 Resp: 60286

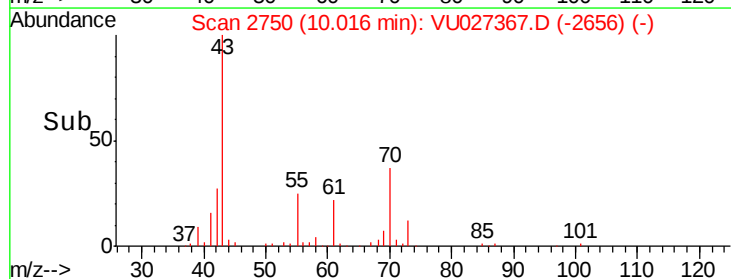
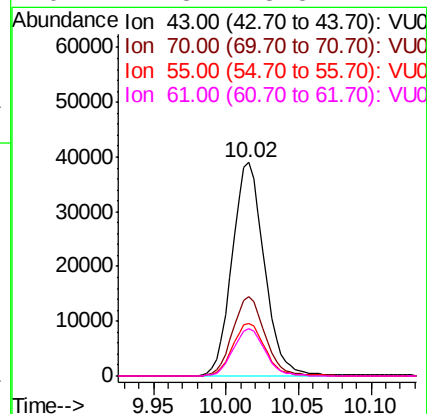
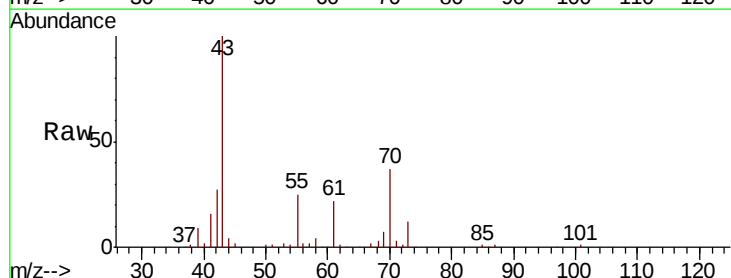
Ion Ratio Lower Upper

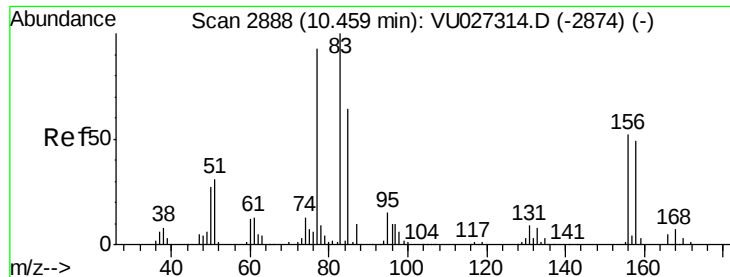
43 100

70 37.3 31.3 46.9

55 24.9 19.0 28.6

61 21.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.053 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

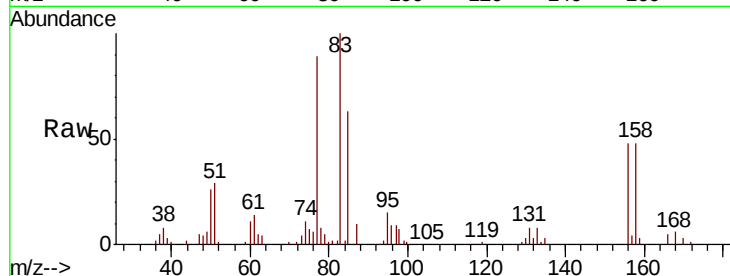
Tgt Ion: 83 Resp: 47529

Ion Ratio Lower Upper

83 100

131 8.5 4.4 13.2

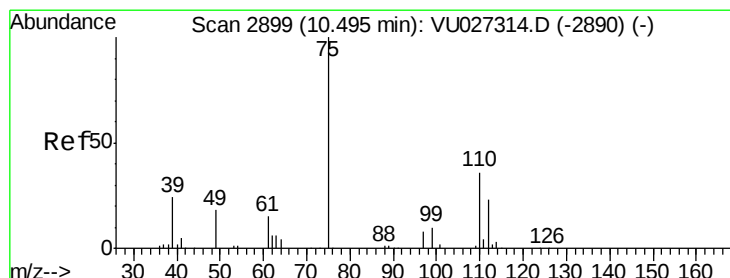
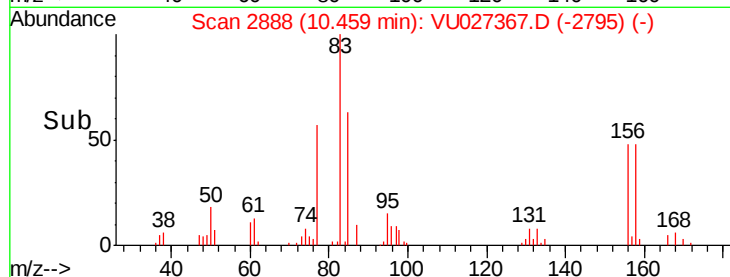
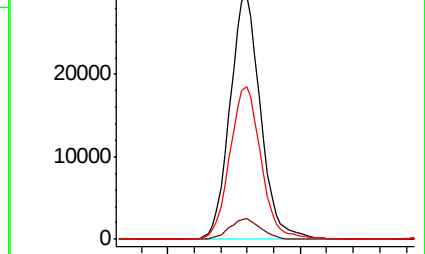
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU027314.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027314.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027314.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 25.458 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027367.D

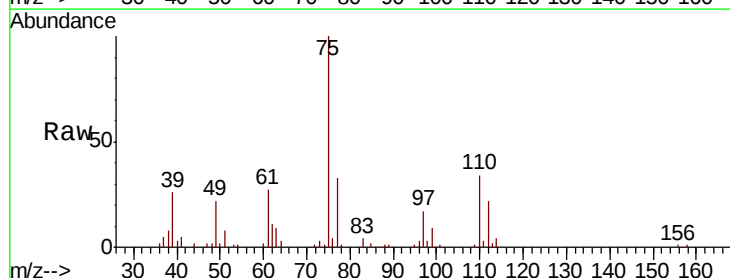
Acq: 03 Oct 2018 19:56

Tgt Ion: 75 Resp: 54849

Ion Ratio Lower Upper

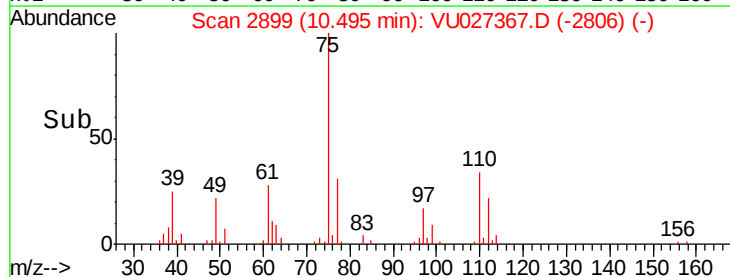
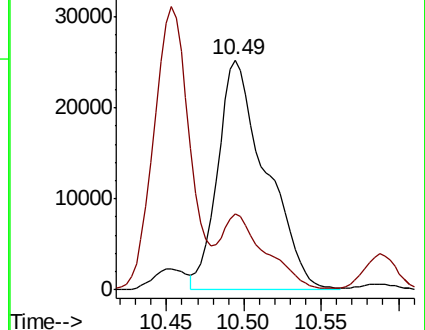
75 100

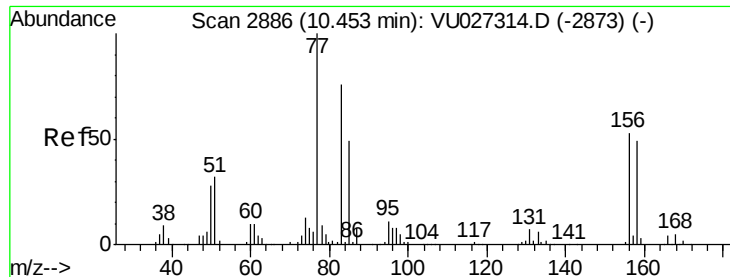
77 29.4 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027314.D (-2890) (-)





#77

Bromobenzene

Concen: 19.085 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

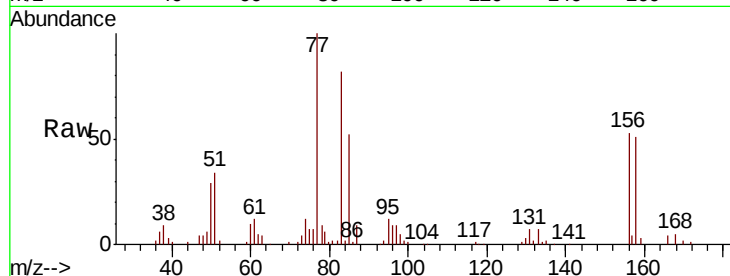
Tgt Ion:156 Resp: 26774

Ion Ratio Lower Upper

156 100

77 187.6 94.8 284.4

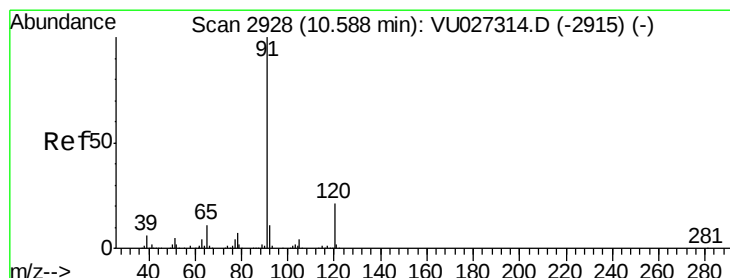
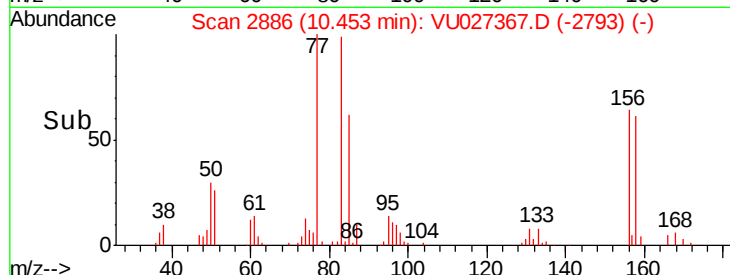
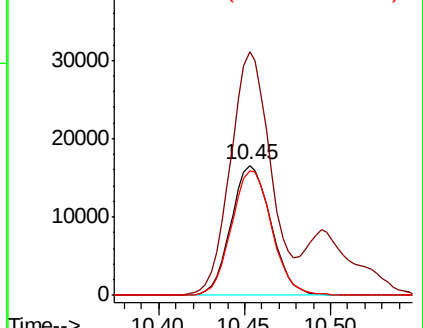
158 96.6 47.4 142.3



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: 18.023 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027367.D

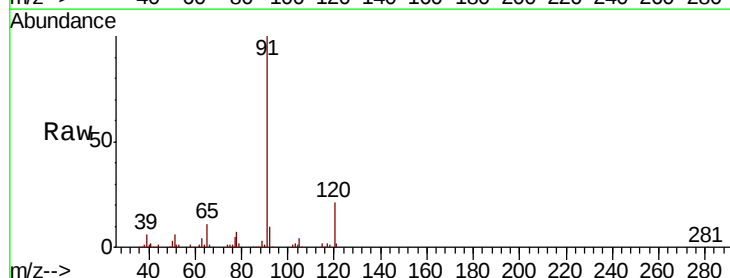
Acq: 03 Oct 2018 19:56

Tgt Ion: 91 Resp: 130728

Ion Ratio Lower Upper

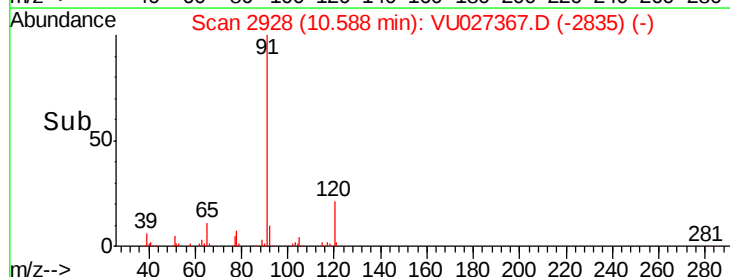
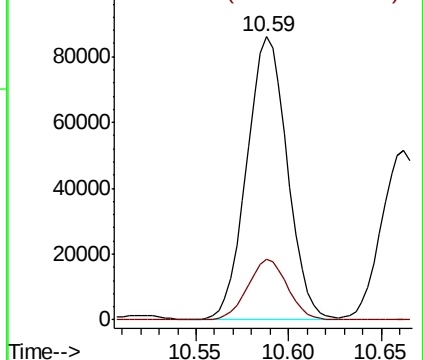
91 100

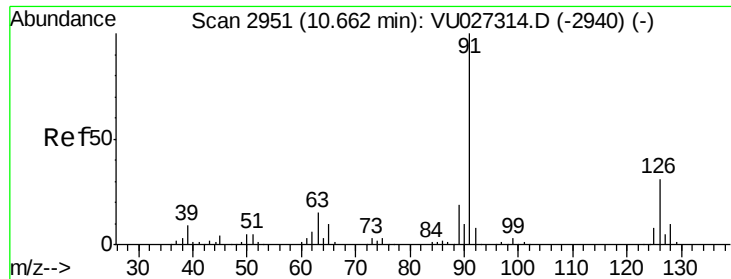
120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

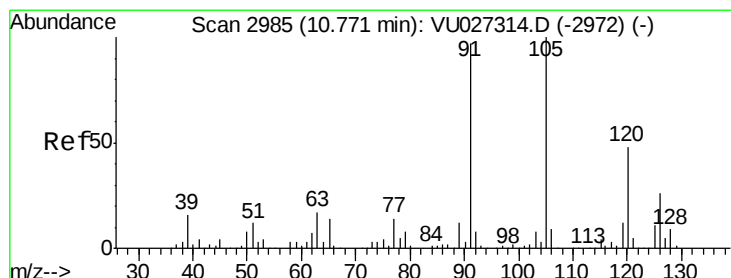
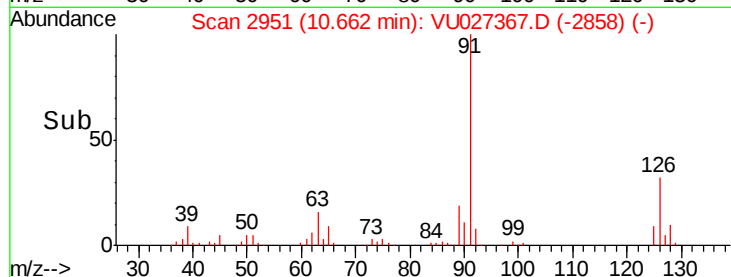
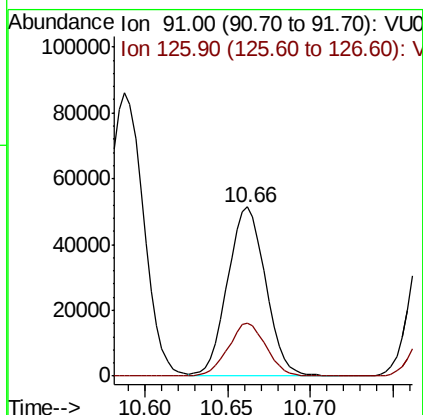
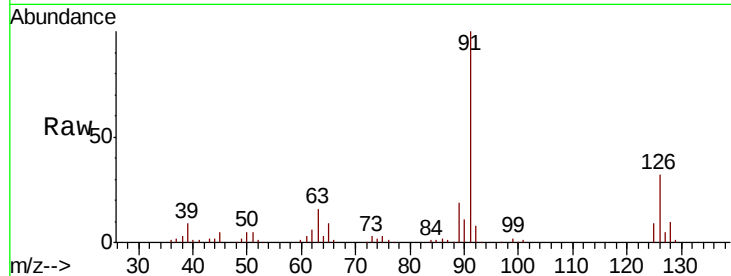




#79
 2-Chlorotoluene
 Concen: 18.623 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

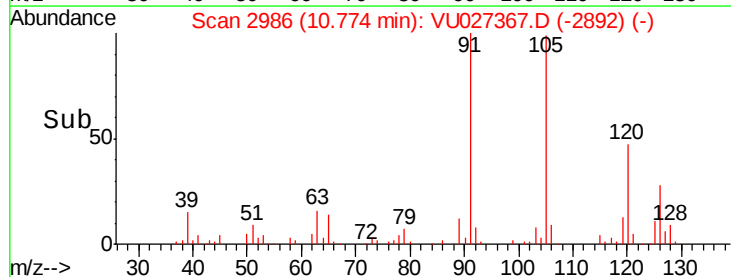
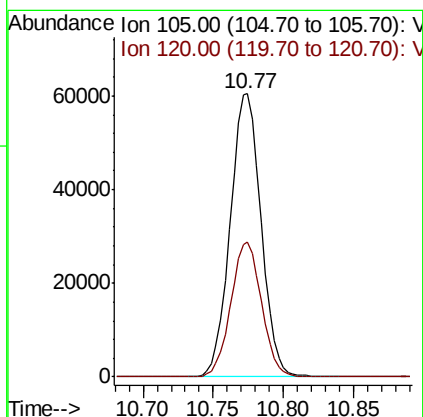
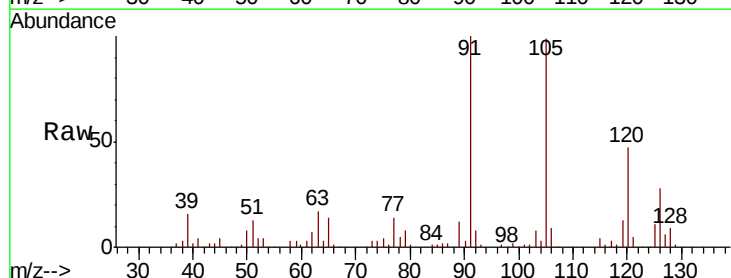
Instrument :
 MSVOA_U
 ClientSampled :
 VU1004WBS01

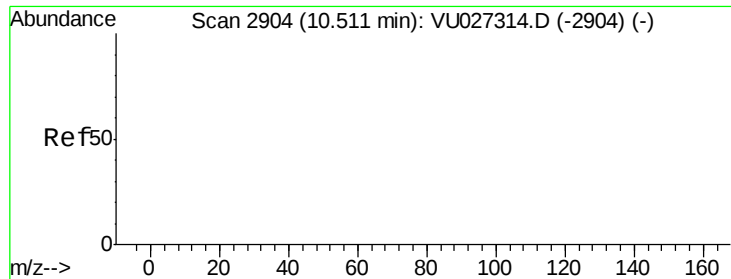
Tgt Ion: 91 Resp: 81558
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.835 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion: 105 Resp: 92566
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 66.627 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

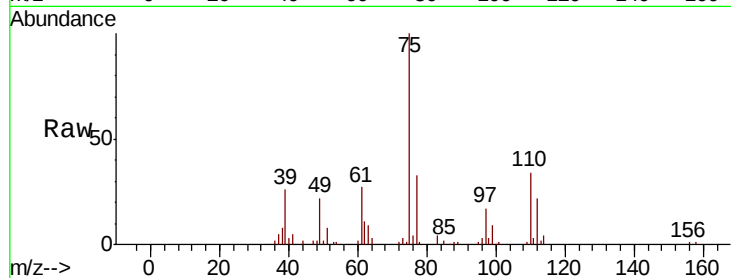
Tgt Ion: 75 Resp: 54849

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

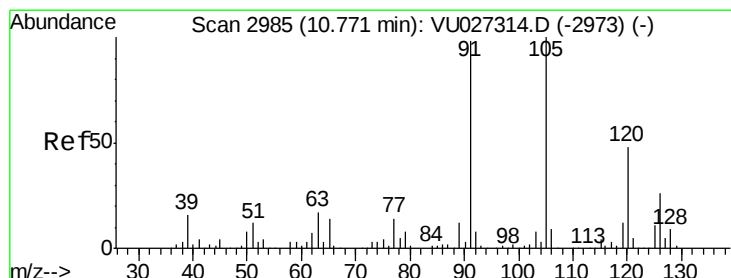
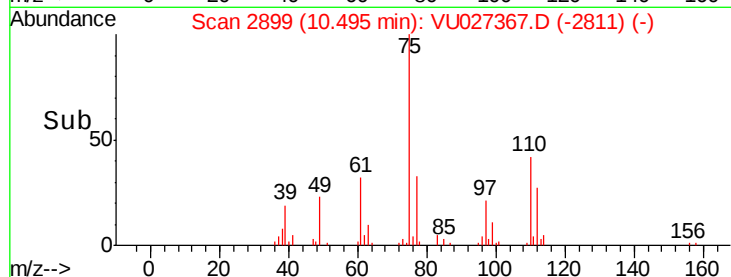
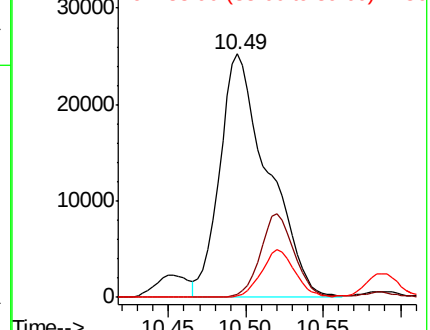
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 18.547 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027367.D

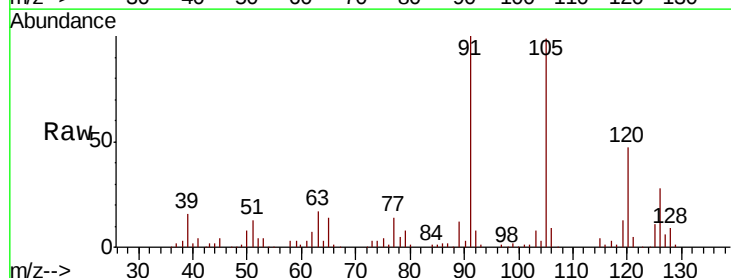
Acq: 03 Oct 2018 19:56

Tgt Ion: 91 Resp: 92177

Ion Ratio Lower Upper

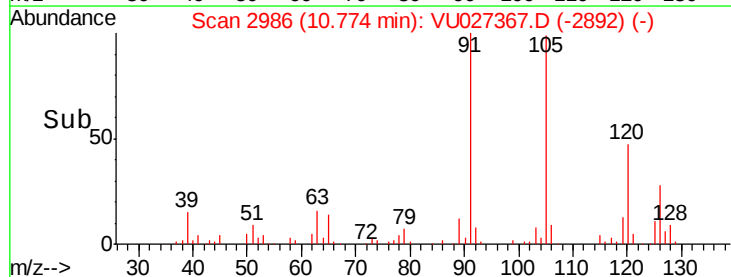
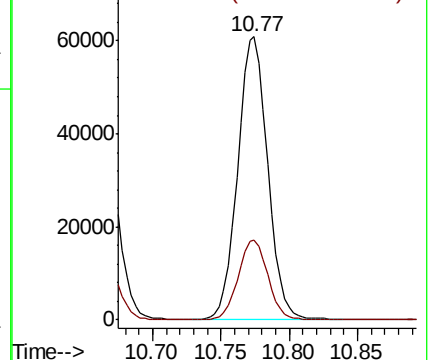
91 100

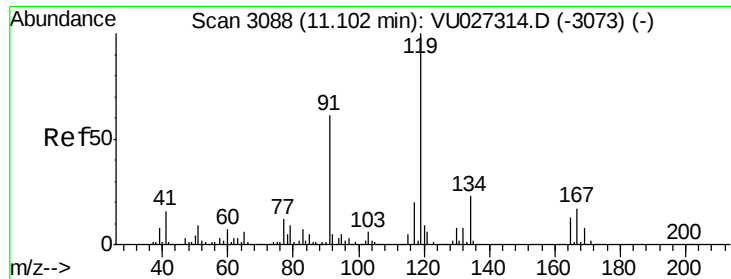
126 28.1 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

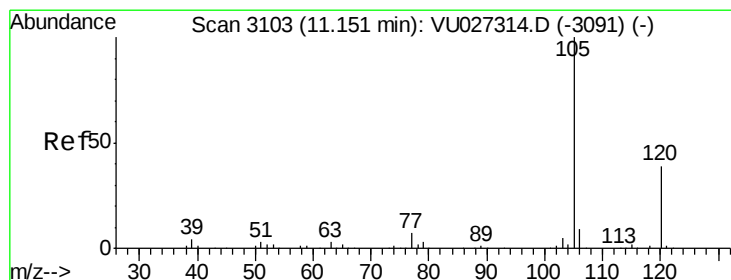
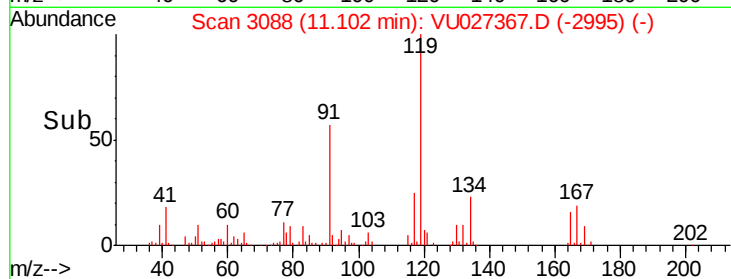
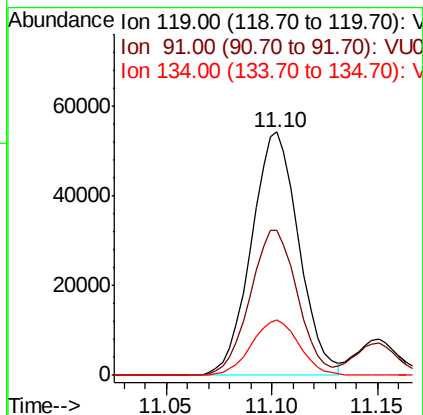
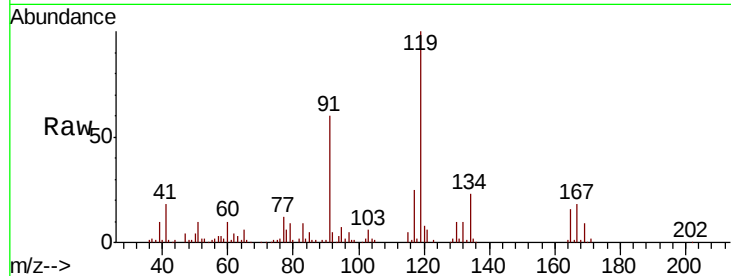




#83
 tert-Butylbenzene
 Concen: 17.891 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

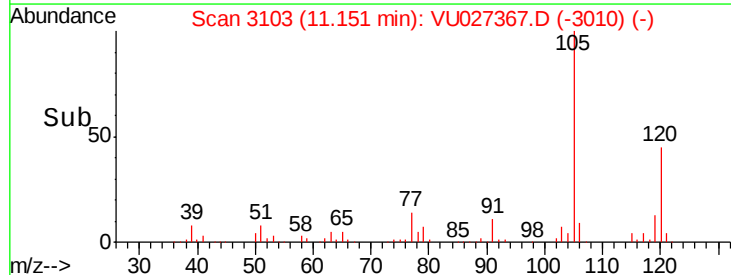
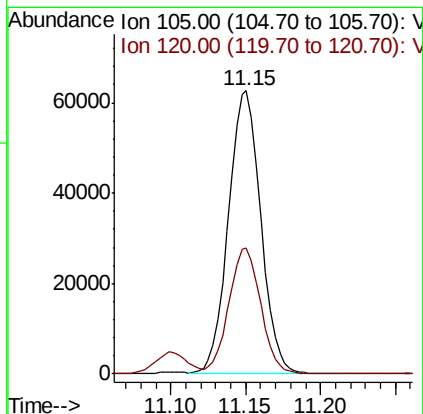
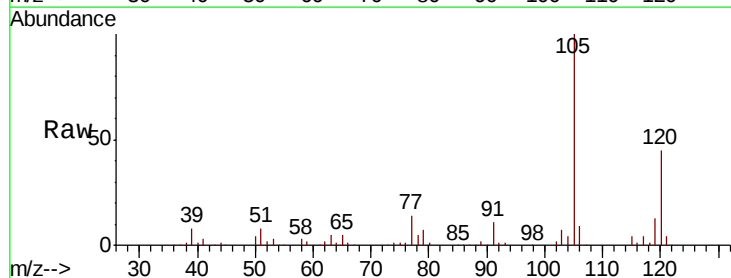
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

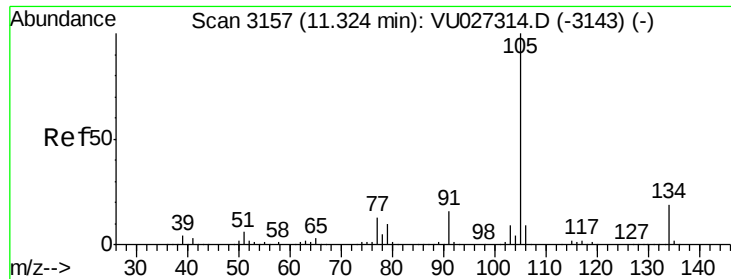
Tgt Ion:119 Resp: 85001
 Ion Ratio Lower Upper
 119 100
 91 59.6 30.3 91.0
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.821 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion:105 Resp: 94485
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5

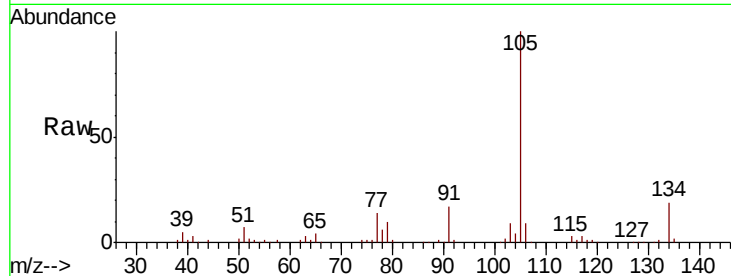




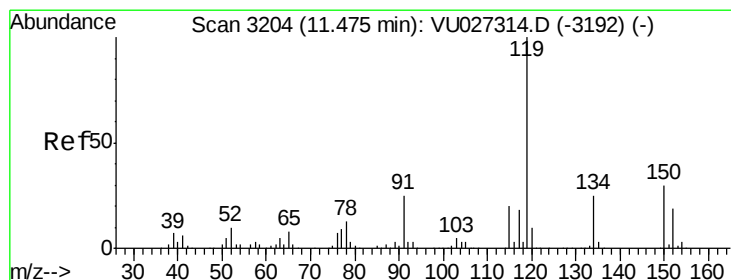
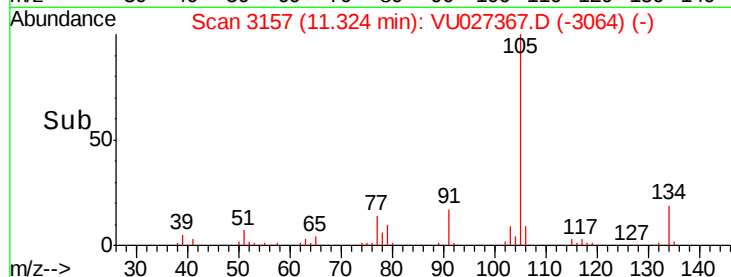
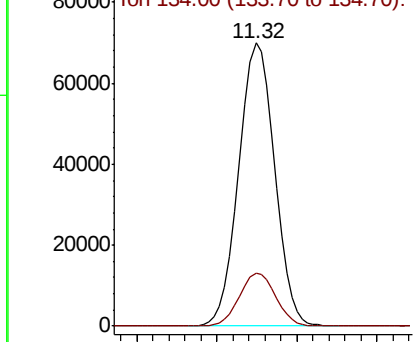
#85
 sec-Butylbenzene
 Concen: 17.854 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

Tgt Ion:105 Resp: 106874
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

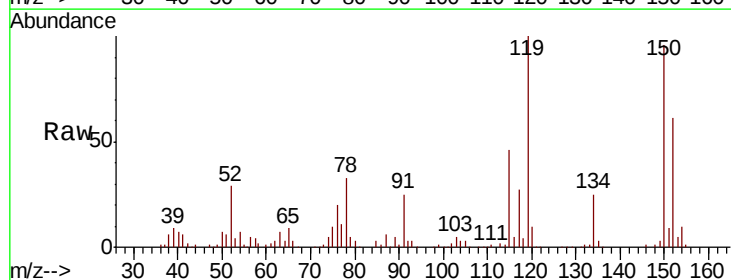


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

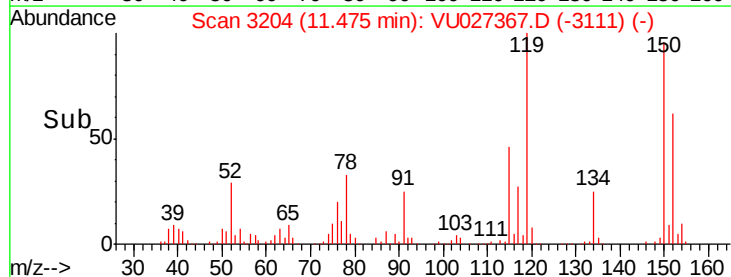
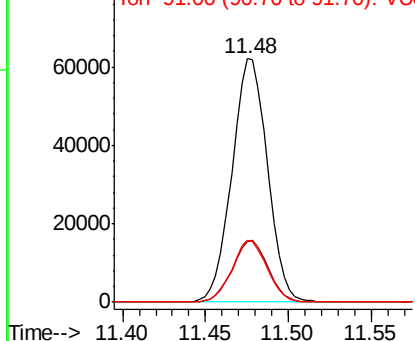


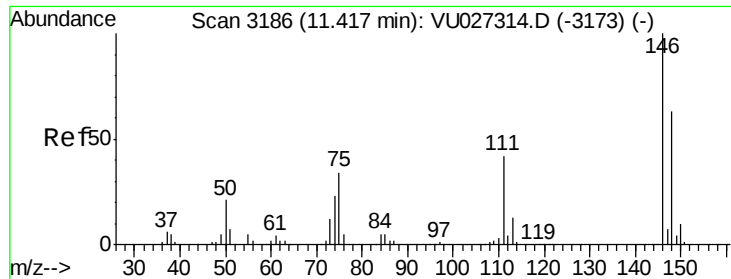
#86
 p-Isopropyltoluene
 Concen: 18.060 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion:119 Resp: 92564
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 25.2 12.2 36.4



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

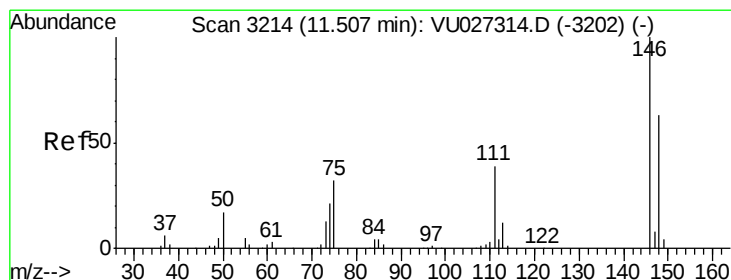
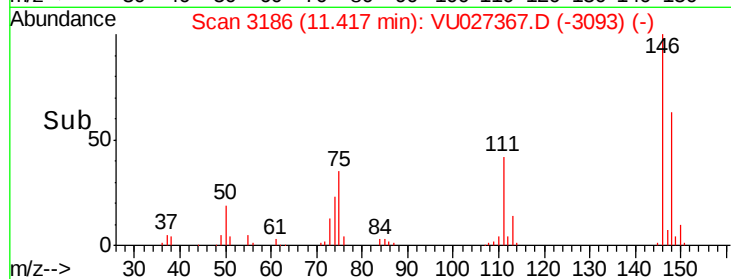
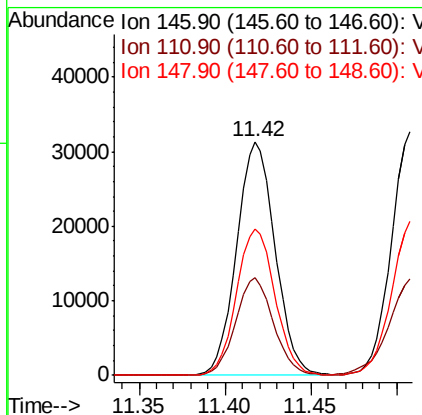
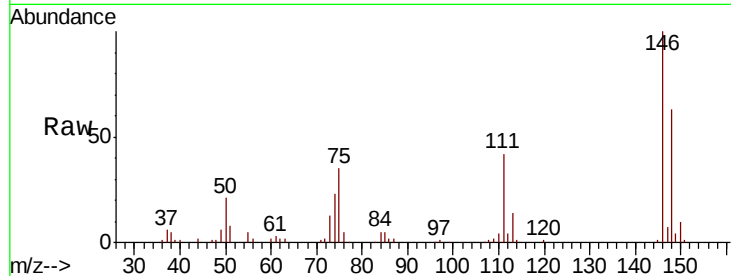




#87
 1,3-Dichlorobenzene
 Concen: 18.321 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

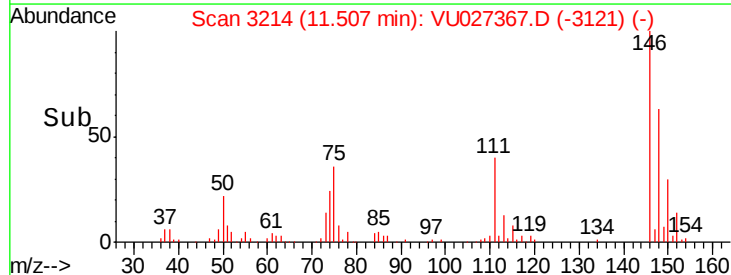
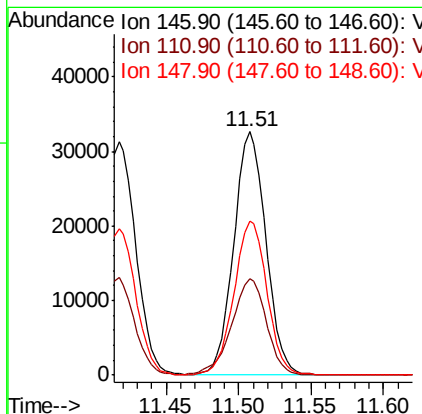
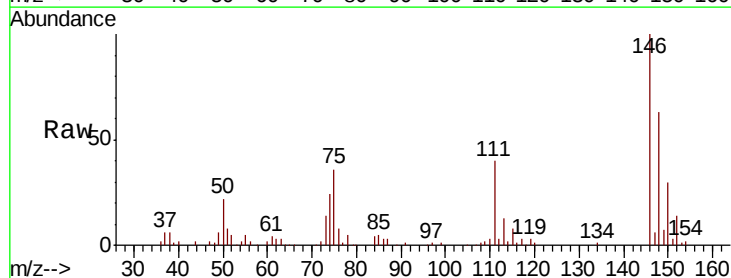
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

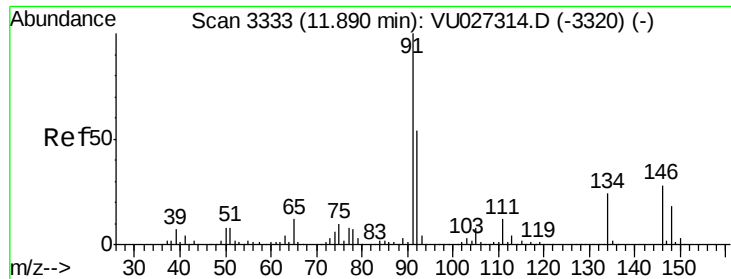
Tgt Ion:146 Resp: 48667
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 62.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 18.548 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion:146 Resp: 50349
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.4 61.2
 148 64.7 31.9 95.5





#89

n-Butylbenzene

Concen: 16.204 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027367.D

Acq: 03 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VU1004WBS01

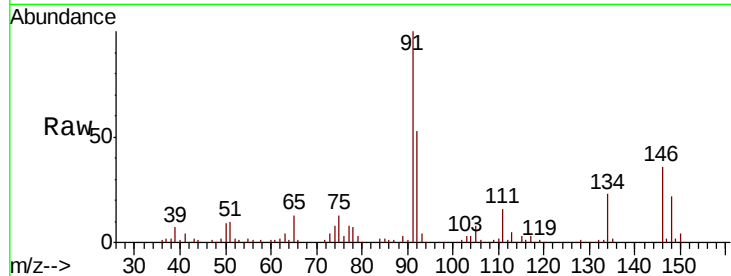
Tgt Ion: 91 Resp: 80673

Ion Ratio Lower Upper

91 100

92 52.3 27.0 81.0

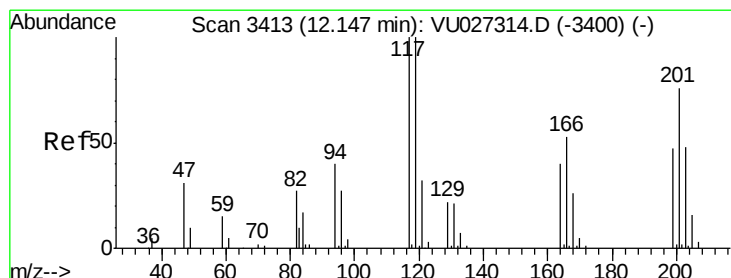
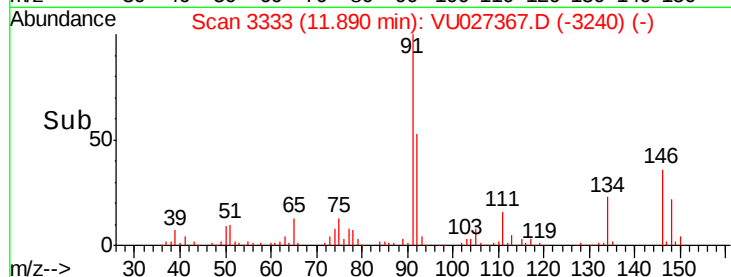
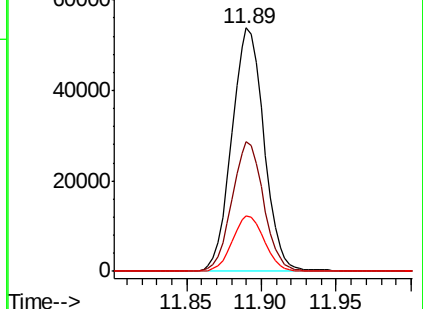
134 22.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU027314.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU027314.D (-3320) (-)



#90

Hexachloroethane

Concen: 19.158 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027367.D

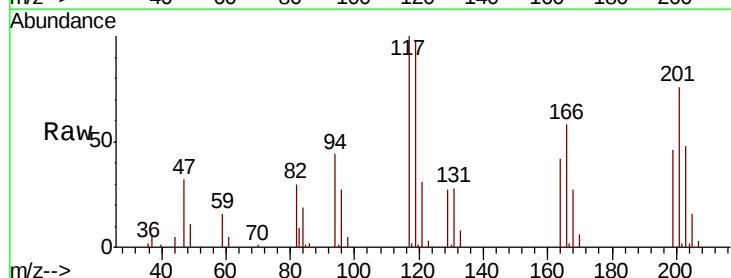
Acq: 03 Oct 2018 19:56

Tgt Ion: 117 Resp: 18508

Ion Ratio Lower Upper

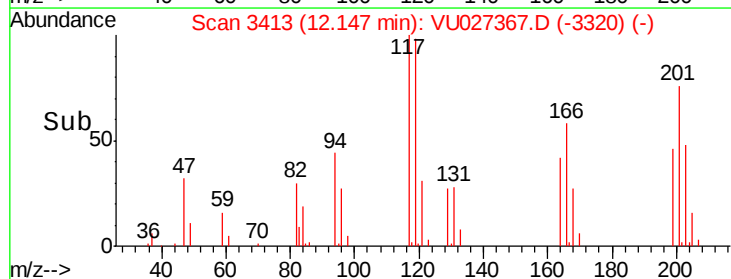
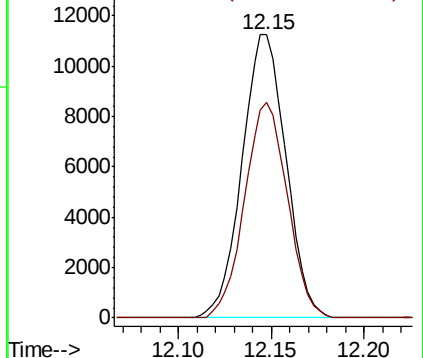
117 100

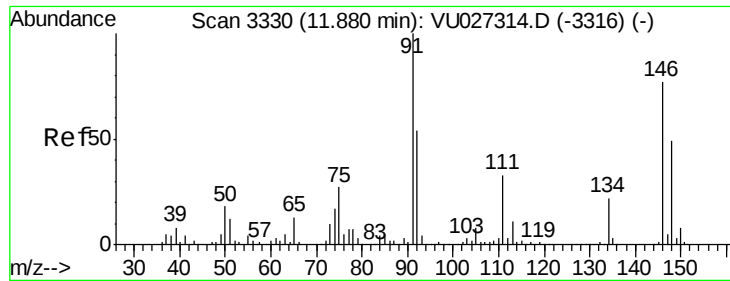
201 74.0 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-3400) (-)

Ion 200.70 (200.40 to 201.40): VU027314.D (-3400) (-)

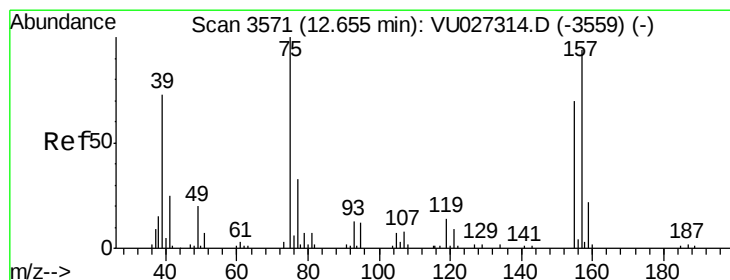
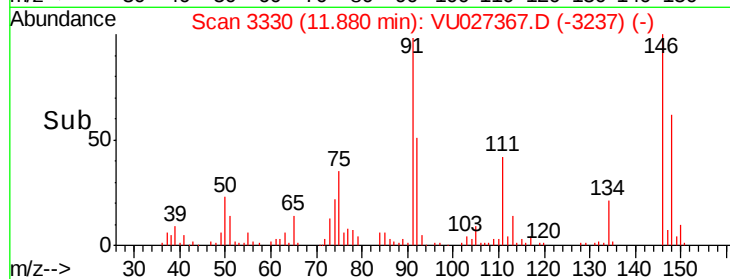
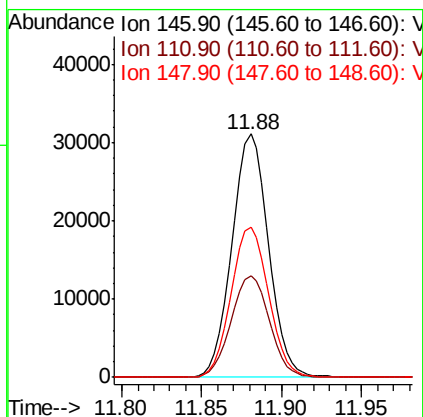
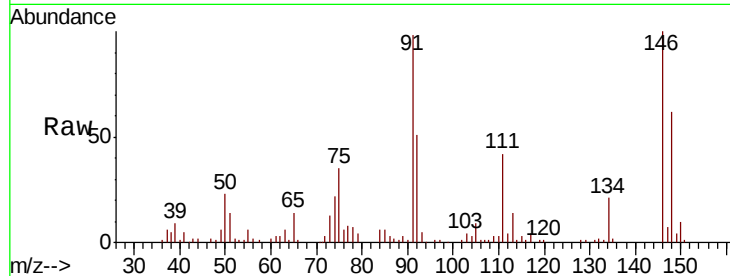




#91
 1,2-Dichlorobenzene
 Concen: 18.686 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

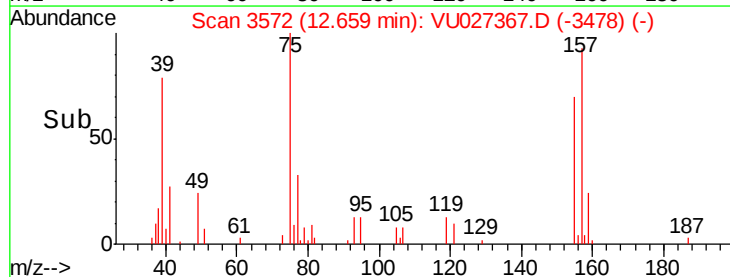
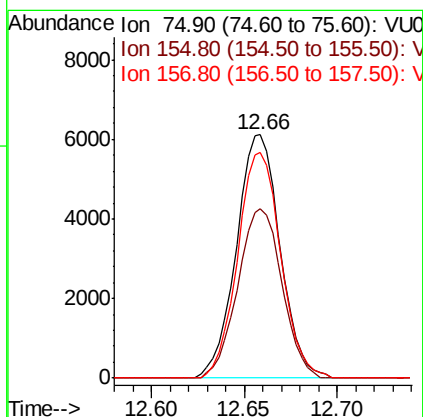
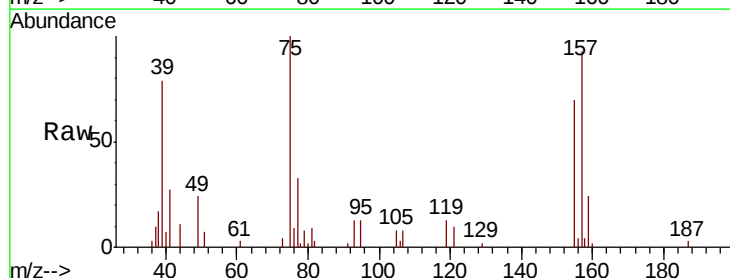
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

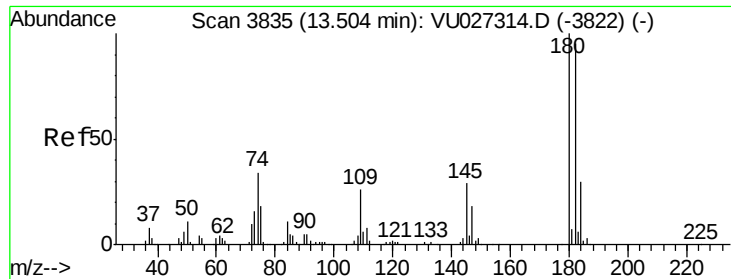
Tgt Ion: 146 Resp: 48316
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.8 65.4
 148 63.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.037 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion: 75 Resp: 10000
 Ion Ratio Lower Upper
 75 100
 155 70.2 35.9 107.8
 157 91.5 46.9 140.6

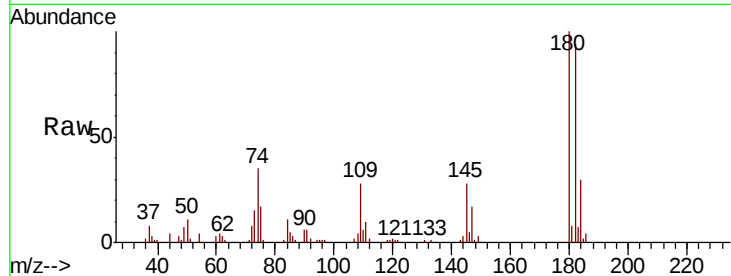




#93
 1,2,4-Trichlorobenzene
 Concen: 17.570 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.3
145	28.4	14.6	44.0

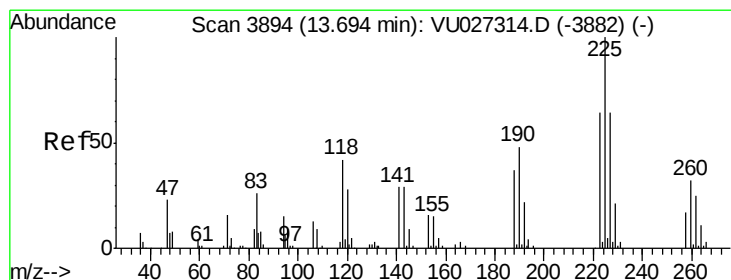
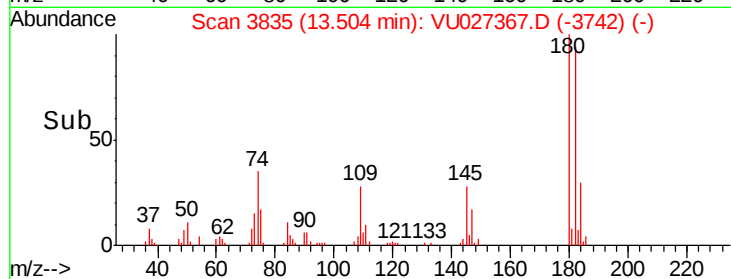
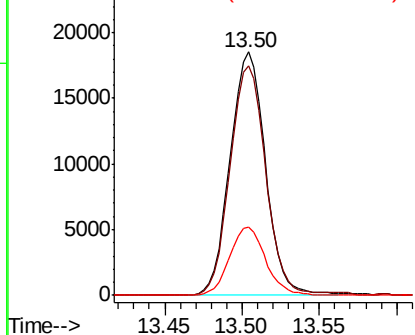


Abundance

Ion 179.80 (179.50 to 180.50): V

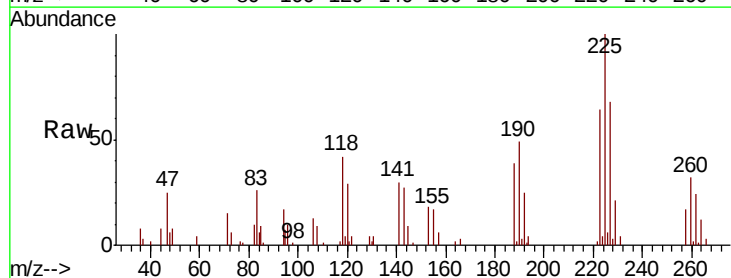
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.199 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027367.D
 Acq: 03 Oct 2018 19:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.8	95.3
227	67.2	31.9	95.7

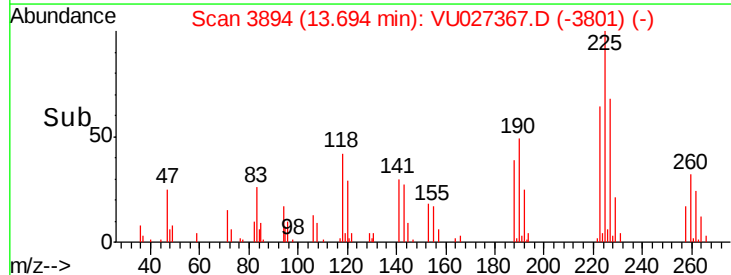
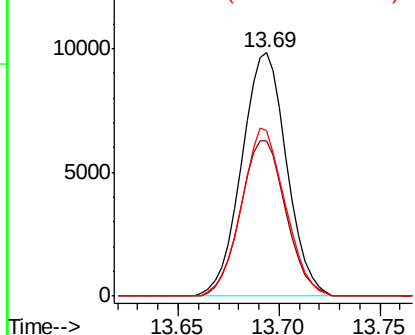


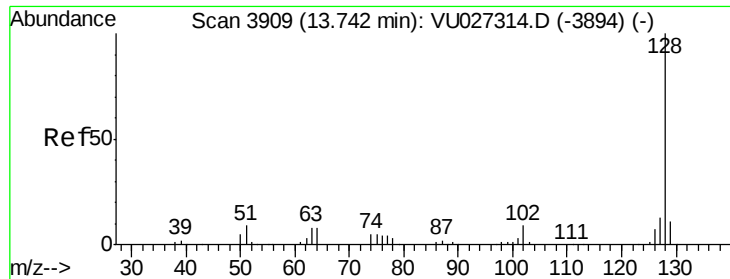
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

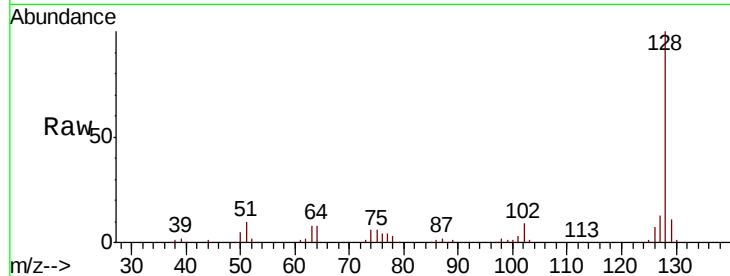




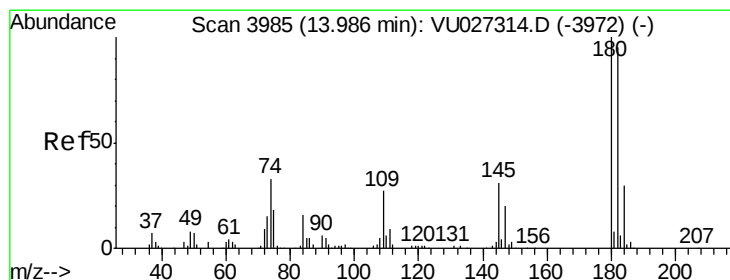
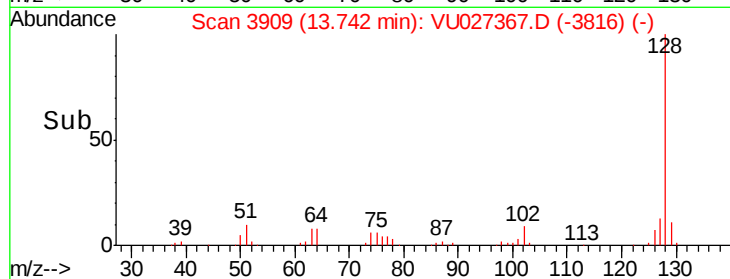
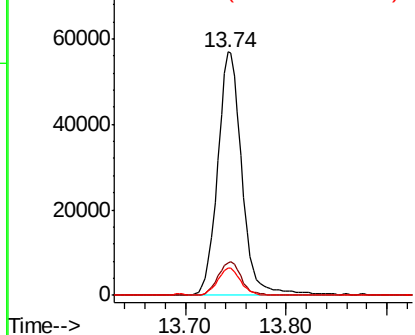
#95
Naphthalene
Concen: 16.377 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VU1004WBS01

Tgt Ion:128 Resp: 95649
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.6 8.6 12.8

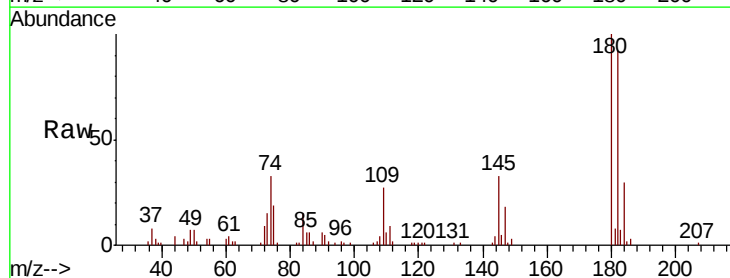


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.108 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027367.D
Acq: 03 Oct 2018 19:56

Tgt Ion:180 Resp: 31563
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 32.8 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

