

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027191.D
 Acq On : 26 Sep 2018 21:17
 Operator : MD/SY
 Sample : VU0926WBS03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

Quant Time: Sep 27 02:45:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	73530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	129950	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	125077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	66796	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	82043	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
35) Dibromofluoromethane	4.88	113	57614	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	7.57	98	216837	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	10.31	95	75778	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	15436	16.079	ug/l 95
3) Chloromethane	1.33	50	24710	14.929	ug/l 98
4) Vinyl Chloride	1.40	62	26417	17.098	ug/l 99
5) Bromomethane	1.62	94	10389	11.808	ug/l 95
6) Chloroethane	1.70	64	17261	17.485	ug/l 99
7) Trichlorofluoromethane	1.88	101	31448	17.921	ug/l 97
8) Diethyl Ether	2.11	74	15409	18.243	ug/l 87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	19126	17.726	ug/l 98
10) Methyl Iodide	2.41	142	7681	5.740	ug/l 98
11) Tert butyl alcohol	2.83	59	34863	102.778	ug/l 100
12) 1,1-Dichloroethene	2.28	96	18039	17.763	ug/l 95
13) Acrolein	2.20	56	13536	74.026	ug/l 95
14) Allyl chloride	2.59	41	41408	20.103	ug/l 96
15) Acrylonitrile	2.94	53	94382	110.397	ug/l 99
16) Acetone	2.32	43	84303	97.093	ug/l 98
17) Carbon Disulfide	2.48	76	52719	15.935	ug/l 98
18) Methyl Acetate	2.62	43	50068	23.769	ug/l 97
19) Methyl tert-butyl Ether	3.00	73	78297	20.980	ug/l 99
20) Methylene Chloride	2.70	84	25118	18.952	ug/l 96
21) trans-1,2-Dichloroethene	2.98	96	20390	18.805	ug/l 99
22) Diisopropyl ether	3.58	45	98623	22.385	ug/l 97
23) Vinyl Acetate	3.53	43	409595	109.065	ug/l 98
24) 1,1-Dichloroethane	3.45	63	49617	20.448	ug/l 99
25) 2-Butanone	4.27	43	133179	107.083	ug/l 99
26) 2,2-Dichloropropane	4.23	77	29240	15.452	ug/l 100
27) cis-1,2-Dichloroethene	4.23	96	25240	20.612	ug/l 98
28) Bromochloromethane	4.55	49	27684	23.668	ug/l 94
29) Tetrahydrofuran	4.64	42	87053	115.707	ug/l 95
30) Chloroform	4.68	83	45964	20.407	ug/l 99
31) Cyclohexane	5.00	56	41899	18.635	ug/l 96
32) 1,1,1-Trichloroethane	4.92	97	36028	20.034	ug/l 99
36) 1,1-Dichloropropene	5.14	75	31031	17.892	ug/l 99
37) Ethyl Acetate	4.39	43	47439	20.205	ug/l 98
38) Carbon Tetrachloride	5.14	117	30354	18.391	ug/l 99

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 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	31987	16.972	ug/l	98
40) Benzene	5.39	78	97223	18.440	ug/l	99
41) Methacrylonitrile	4.55	41	27475	22.533	ug/l	97
42) 1,2-Dichloroethane	5.41	62	39798	19.979	ug/l	99
43) Isopropyl Acetate	5.55	43	74275	21.692	ug/l	98
44) Trichloroethene	6.19	130	20766	18.501	ug/l	96
45) 1,2-Dichloropropane	6.43	63	29703	19.772	ug/l	97
46) Dibromomethane	6.56	93	17280	19.046	ug/l	100
47) Bromodichloromethane	6.76	83	35831	19.531	ug/l	95
48) Methyl methacrylate	6.63	41	35381	19.613	ug/l	98
49) 1,4-Dioxane	6.62	88	11791	317.403	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	255497	110.948	ug/l	99
52) Toluene	7.64	92	58954	19.508	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	38217	19.389	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	41602	19.195	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	25153	19.642	ug/l	97
56) Ethyl methacrylate	8.02	69	39250	19.084	ug/l	96
57) 1,3-Dichloropropane	8.24	76	48181	20.230	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	118169	96.753	ug/l	98
59) 2-Hexanone	8.36	43	193702	107.455	ug/l	98
60) Dibromochloromethane	8.48	129	24778	19.727	ug/l	95
61) 1,2-Dibromoethane	8.59	107	25886	19.429	ug/l	99
64) Tetrachloroethene	8.23	164	17689	18.353	ug/l	98
65) Chlorobenzene	9.12	112	59504	17.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	22463	19.665	ug/l	99
67) Ethyl Benzene	9.25	91	104260	19.118	ug/l	99
68) m/p-Xylenes	9.38	106	77360	36.002	ug/l	99
69) o-Xylene	9.78	106	37244	19.275	ug/l	97
70) Styrene	9.79	104	61382	18.208	ug/l	99
71) Bromoform	9.96	173	18044	20.427	ug/l #	100
73) Isopropylbenzene	10.17	105	101767	20.029	ug/l	99
74) N-amyl acetate	10.02	43	61465	20.898	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	45892	19.644	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	50982	25.124	ug/l	82
77) Bromobenzene	10.45	156	24159	19.457	ug/l	96
78) n-propylbenzene	10.59	91	119610	19.895	ug/l	98
79) 2-Chlorotoluene	10.66	91	74983	19.856	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	83959	20.017	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	50982	80.400	ug/l #	100
82) 4-Chlorotoluene	10.77	91	85130	20.104	ug/l	98
83) tert-Butylbenzene	11.10	119	79531	19.179	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	85606	20.055	ug/l	98
85) sec-Butylbenzene	11.32	105	100737	19.901	ug/l	100
86) p-Isopropyltoluene	11.48	119	84055	18.296	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	42909	18.571	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	44239	17.567	ug/l	96
89) n-Butylbenzene	11.89	91	74992	17.900	ug/l	97
90) Hexachloroethane	12.15	117	16981	18.448	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	43837	17.861	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	9939	20.855	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	25856	18.281	ug/l	98
94) Hexachlorobutadiene	13.69	225	13410	17.919	ug/l	98
95) Naphthalene	13.75	128	92754	17.895	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	28793	18.983	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: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

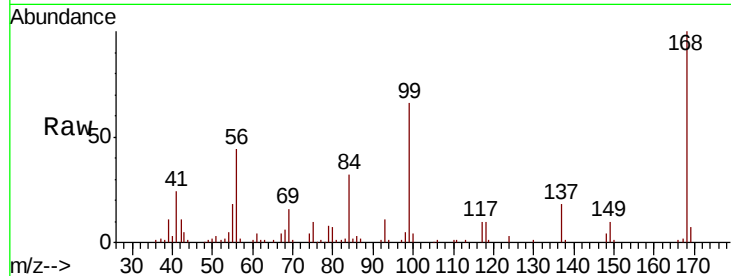
VU0926WBS03

Tgt Ion:168 Resp: 73530

Ion Ratio Lower Upper

168 100

99 64.5 48.1 72.1



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

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

4.99

30000

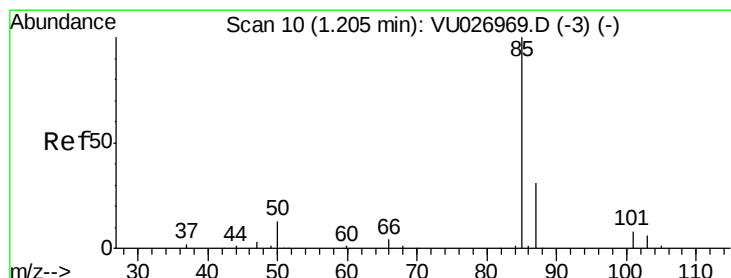
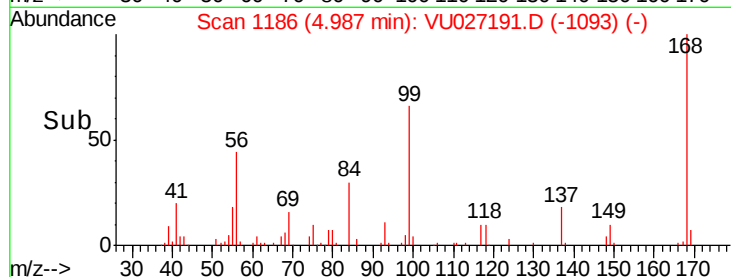
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 16.079 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027191.D

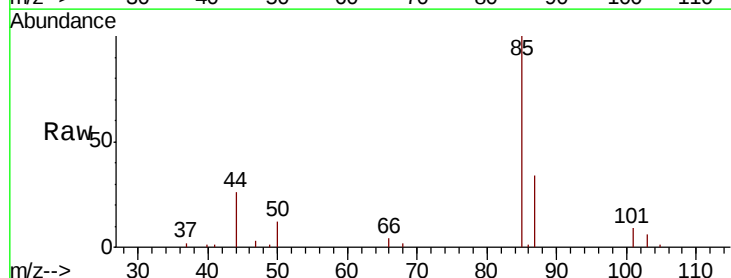
Acq: 26 Sep 2018 21:17

Tgt Ion: 85 Resp: 15436

Ion Ratio Lower Upper

85 100

87 33.6 15.6 46.7



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

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

1.21

15000

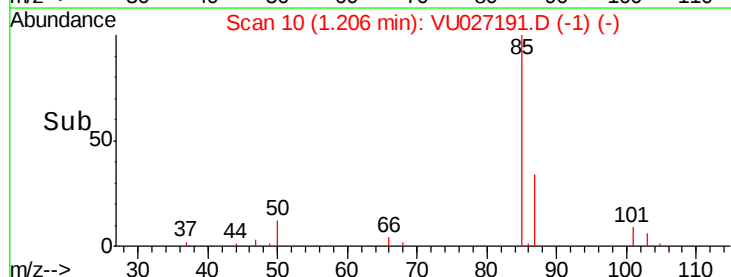
10000

5000

0

1.20 1.25

Time-->





#3

Chloromethane

Concen: 14.929 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

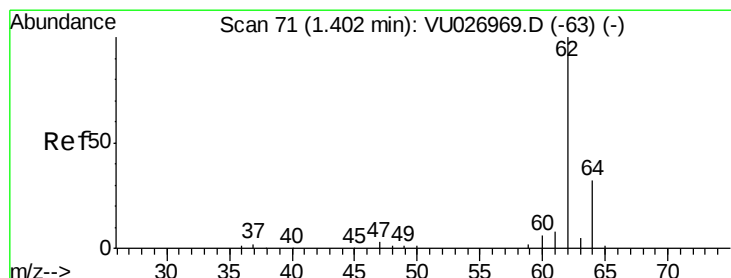
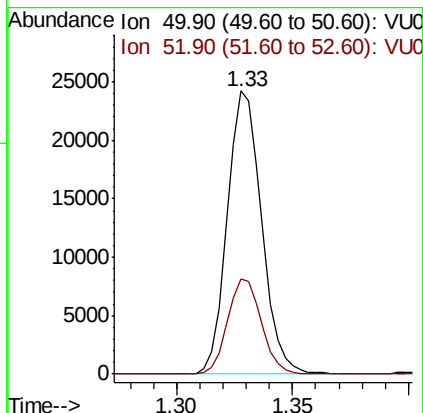
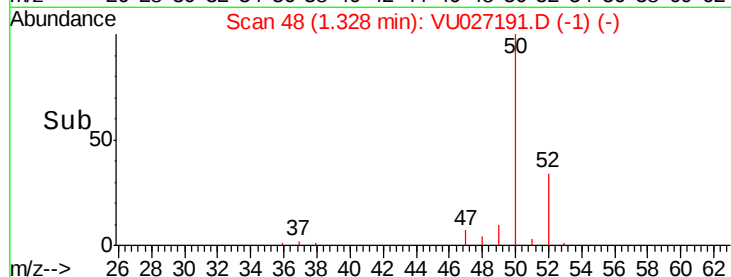
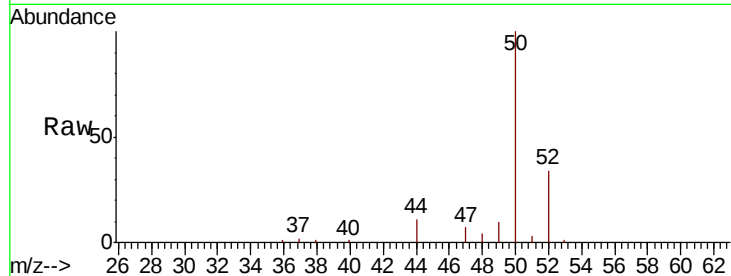
VU0926WBS03

Tgt Ion: 50 Resp: 24710

Ion Ratio Lower Upper

50 100

52 33.7 25.9 38.9



#4

Vinyl Chloride

Concen: 17.098 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027191.D

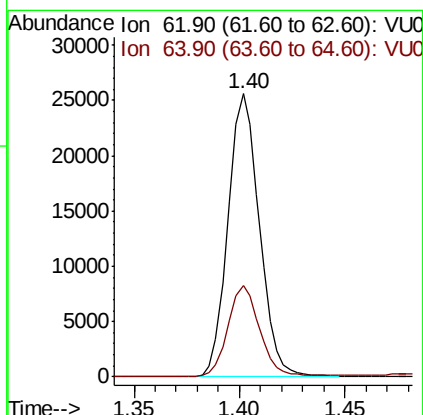
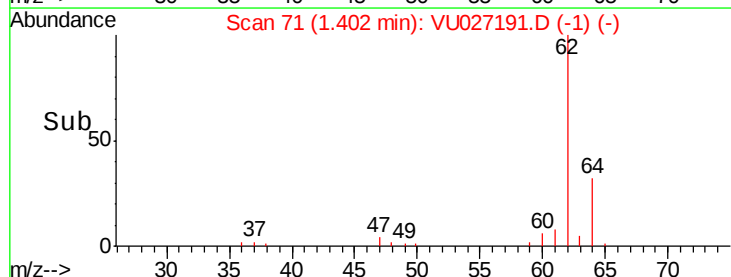
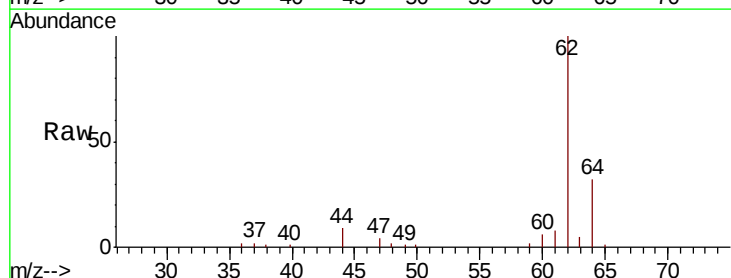
Acq: 26 Sep 2018 21:17

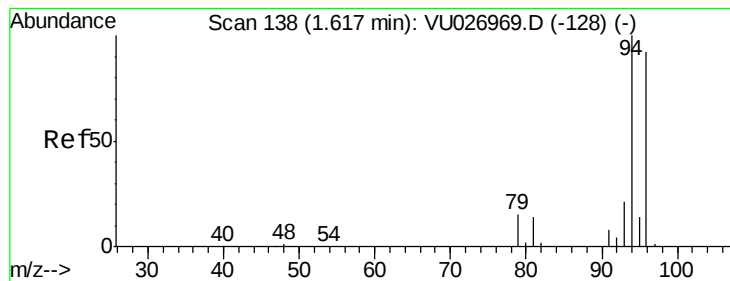
Tgt Ion: 62 Resp: 26417

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 11.808 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

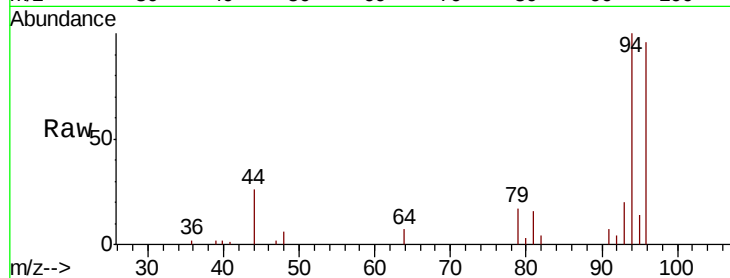
VU0926WBS03

Tgt Ion: 94 Resp: 10389

Ion Ratio Lower Upper

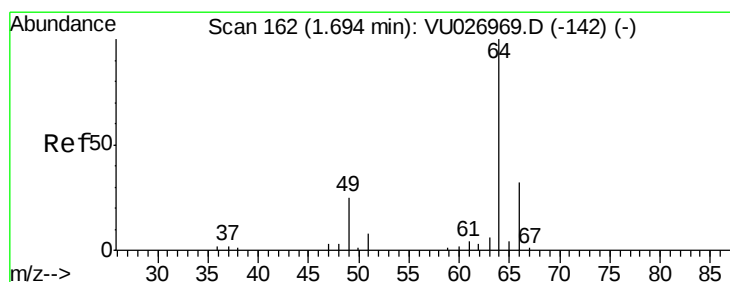
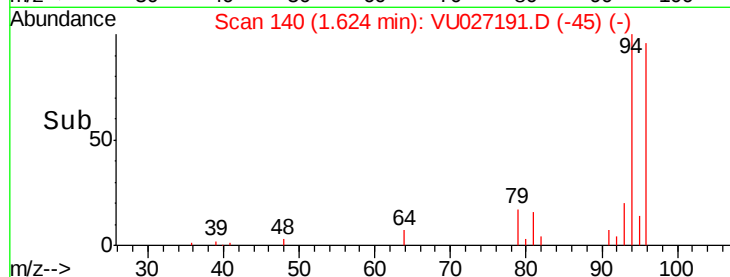
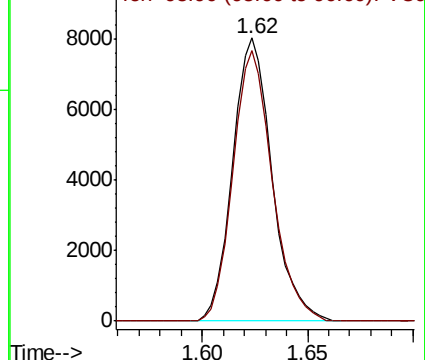
94 100

96 95.8 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 17.485 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027191.D

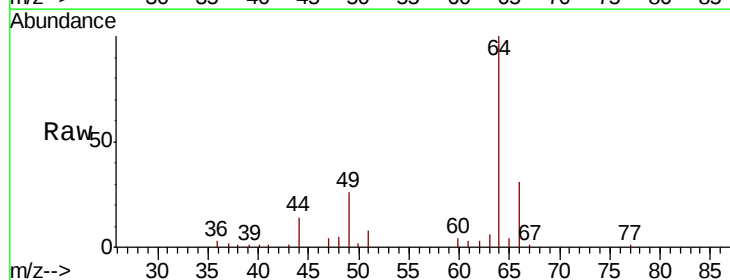
Acq: 26 Sep 2018 21:17

Tgt Ion: 64 Resp: 17261

Ion Ratio Lower Upper

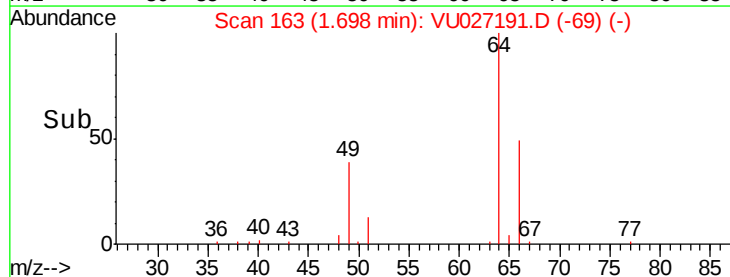
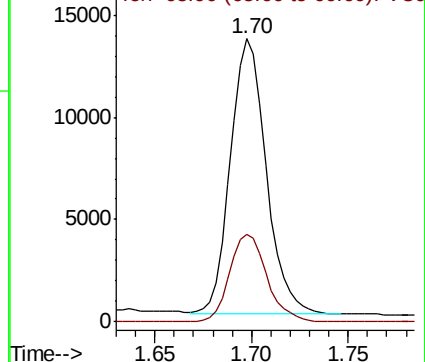
64 100

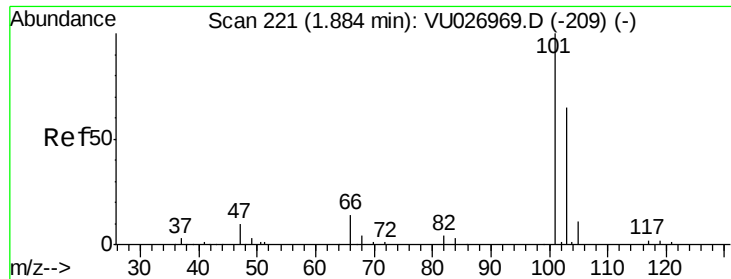
66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



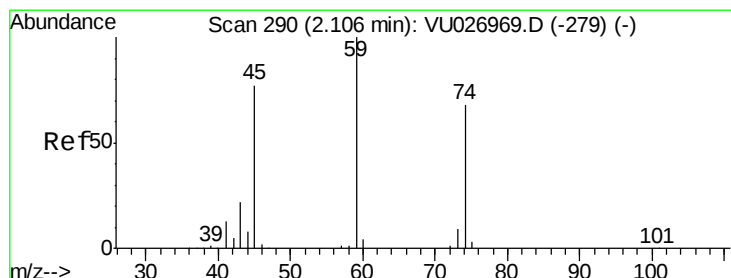
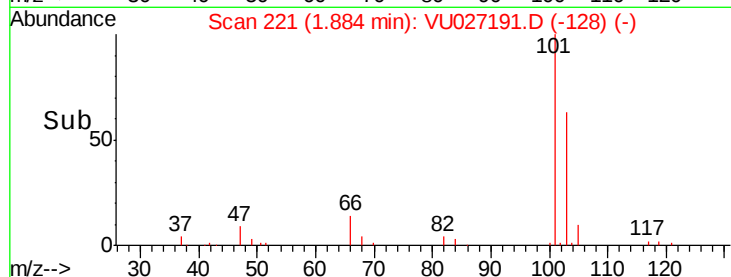
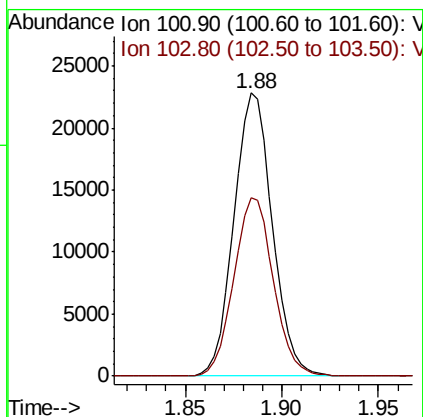
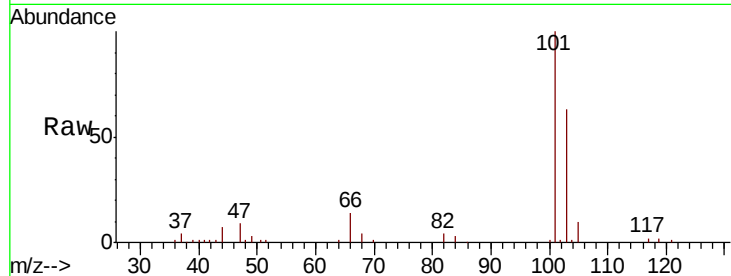


#7

Trichlorofluoromethane
 Concen: 17.921 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027191.D
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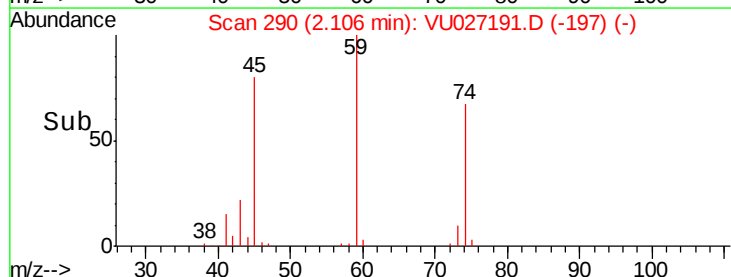
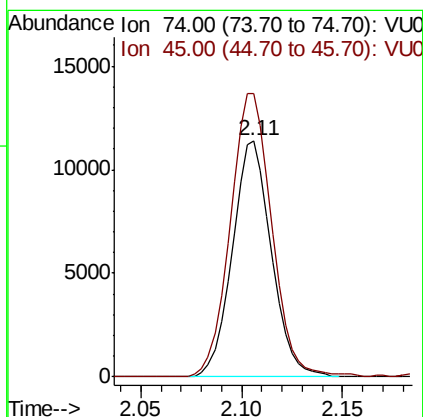
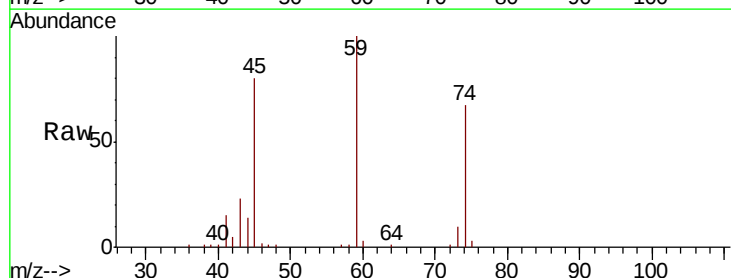
Tgt Ion: 101 Resp: 31448
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.2 78.2



#8

Diethyl Ether
 Concen: 18.243 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion: 74 Resp: 15409
 Ion Ratio Lower Upper
 74 100
 45 127.7 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.726 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

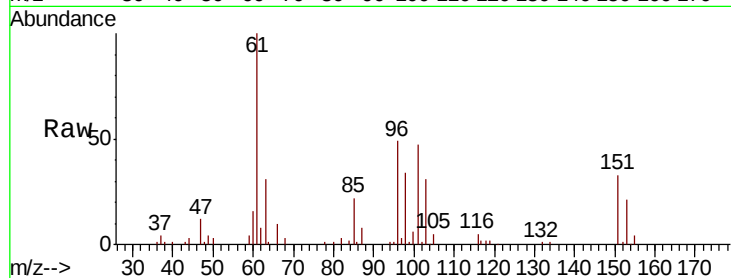
Tgt Ion:101 Resp: 19126

Ion Ratio Lower Upper

101 100

85 47.2 36.2 54.2

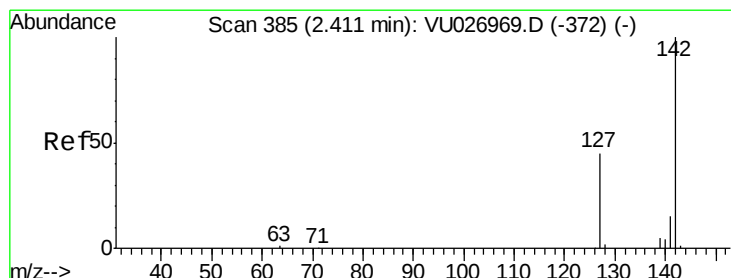
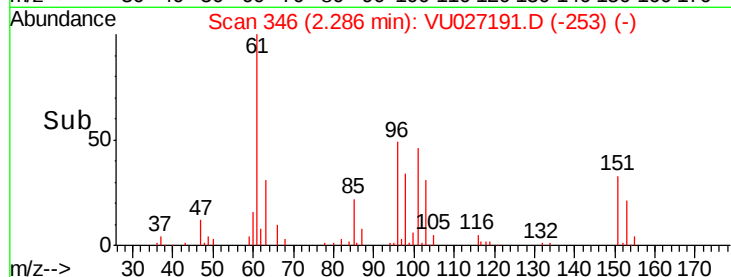
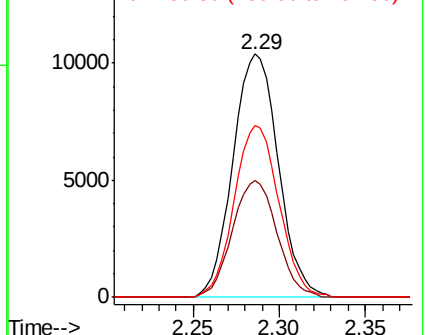
151 69.7 54.5 81.7



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: 5.740 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

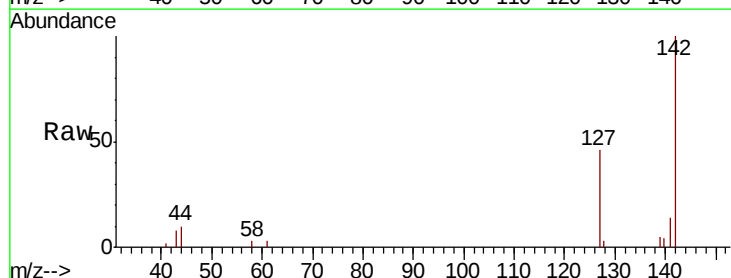
Tgt Ion:142 Resp: 7681

Ion Ratio Lower Upper

142 100

127 47.0 36.7 55.1

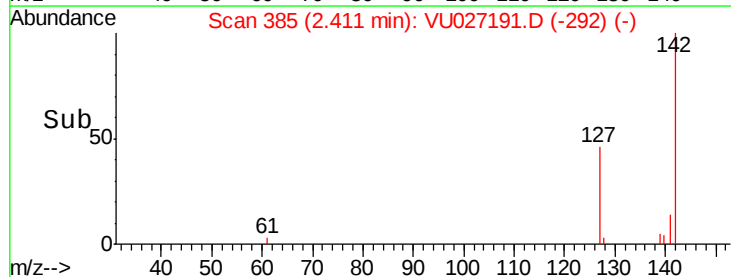
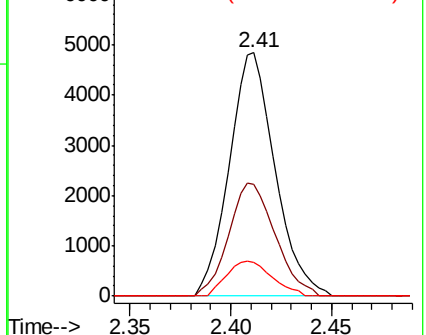
141 14.2 11.8 17.6

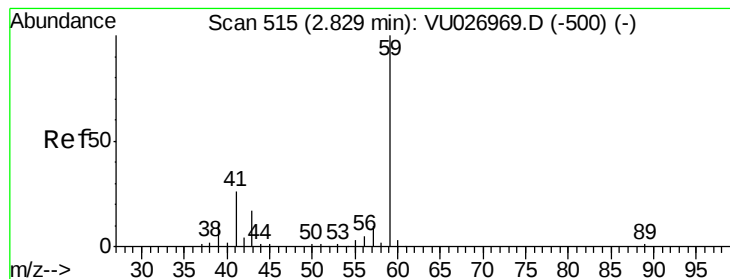


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



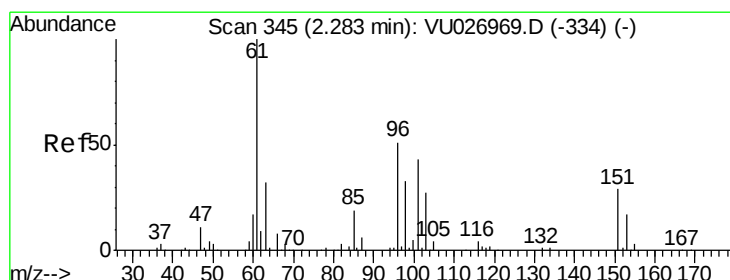
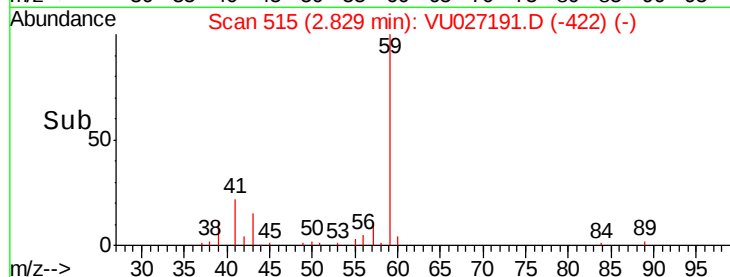
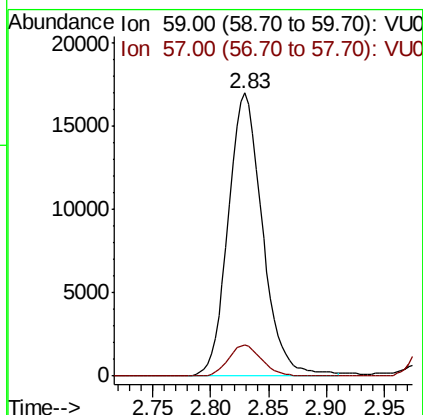
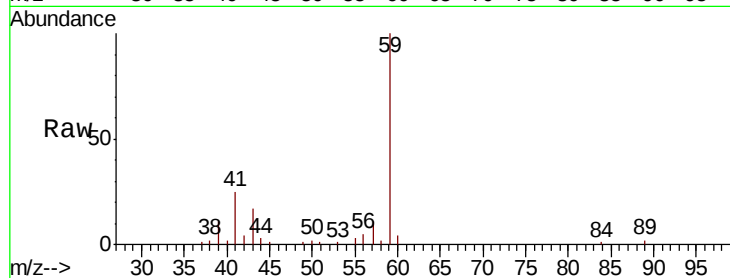


#11

Tert butyl alcohol
 Concen: 102.778 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

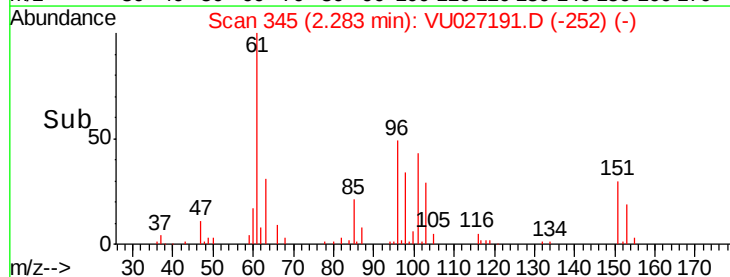
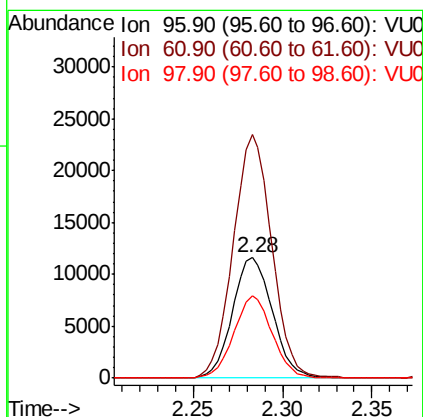
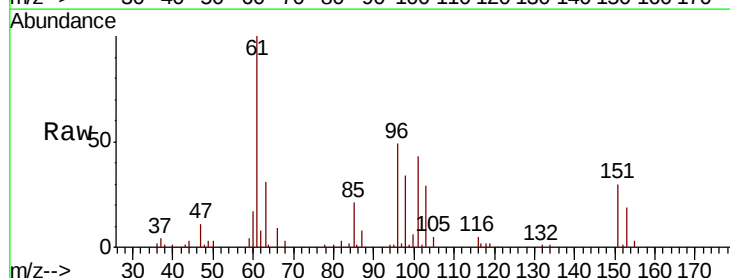
Tgt Ion: 59 Resp: 34863
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

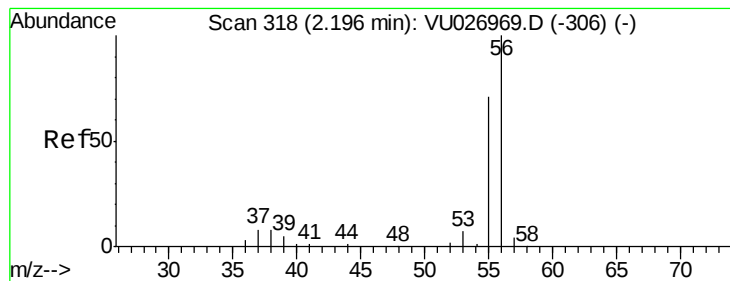


#12

1,1-Dichloroethene
 Concen: 17.763 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion: 96 Resp: 18039
 Ion Ratio Lower Upper
 96 100
 61 202.0 156.1 234.1
 98 68.7 51.4 77.0





#13

Acrolein

Concen: 74.026 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

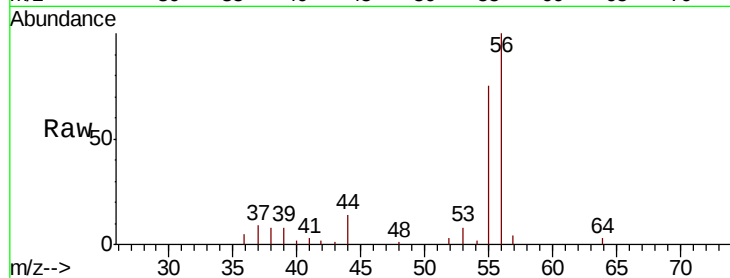
VU0926WBS03

Tgt Ion: 56 Resp: 13536

Ion Ratio Lower Upper

56 100

55 75.9 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.20

10000

8000

6000

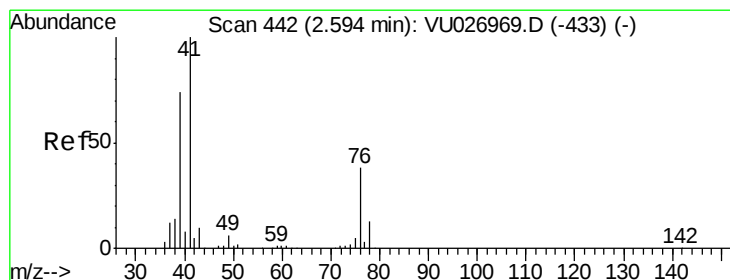
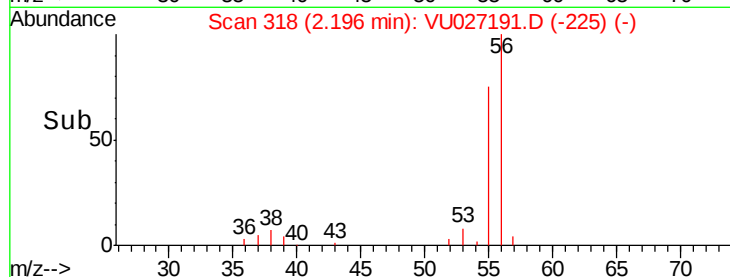
4000

2000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 20.103 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

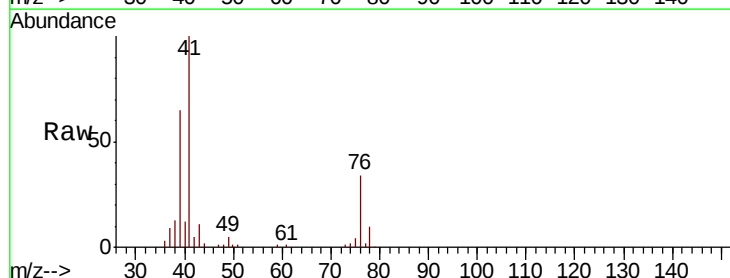
Tgt Ion: 41 Resp: 41408

Ion Ratio Lower Upper

41 100

39 65.3 55.7 83.5

76 32.4 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.59

30000

25000

20000

15000

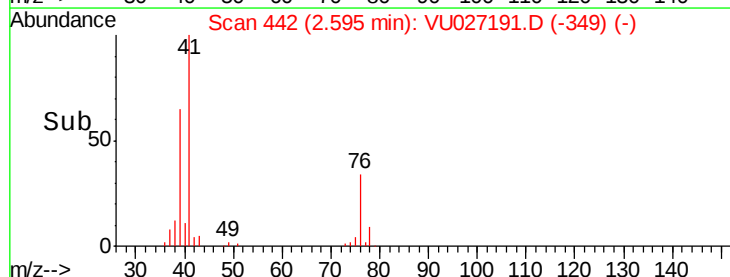
10000

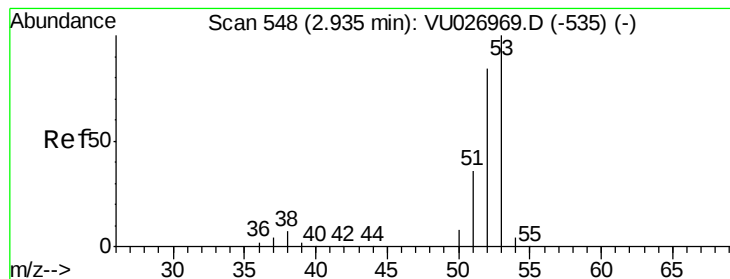
5000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 110.397 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

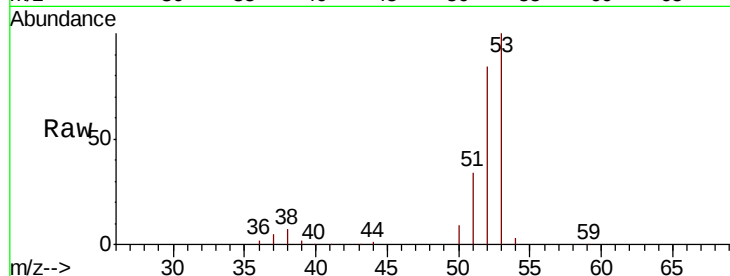
Tgt Ion: 53 Resp: 94382

Ion Ratio Lower Upper

53 100

52 80.6 65.7 98.5

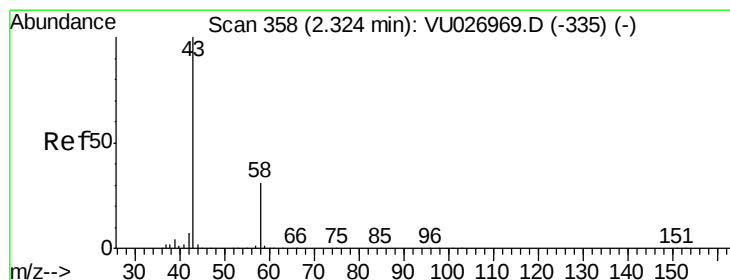
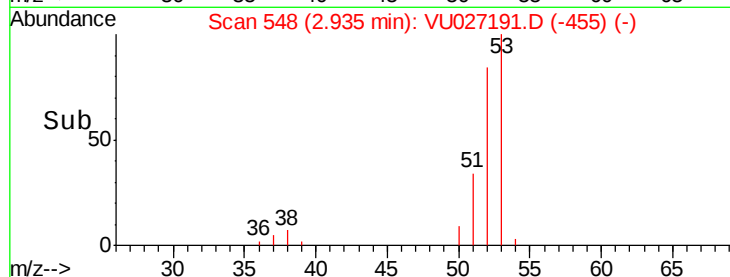
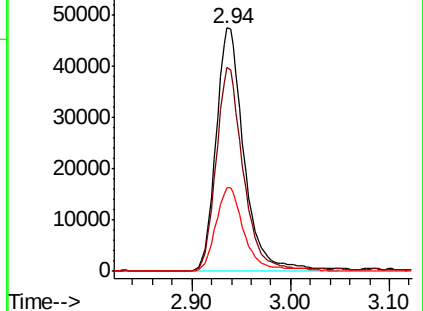
51 34.7 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 97.093 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027191.D

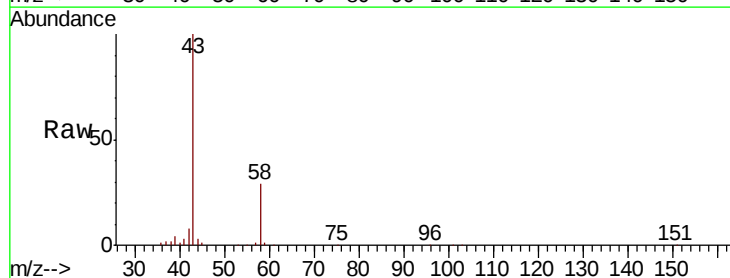
Acq: 26 Sep 2018 21:17

Tgt Ion: 43 Resp: 84303

Ion Ratio Lower Upper

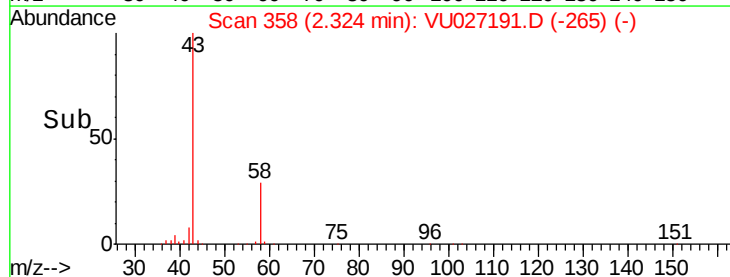
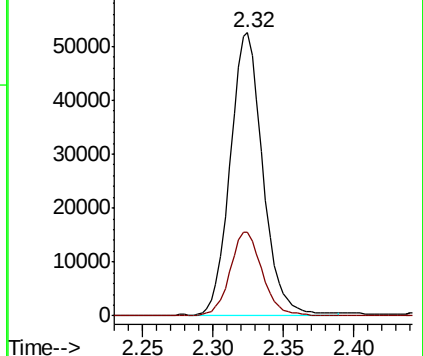
43 100

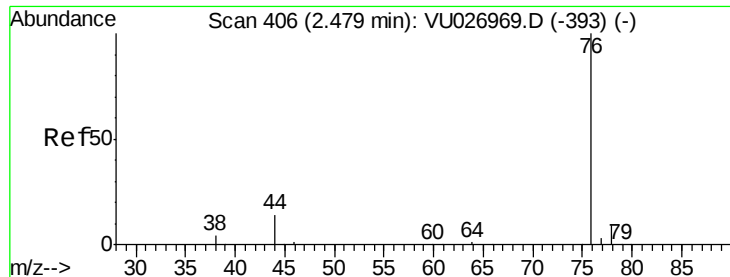
58 29.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

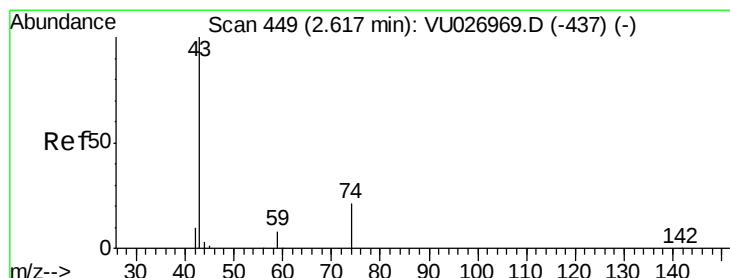
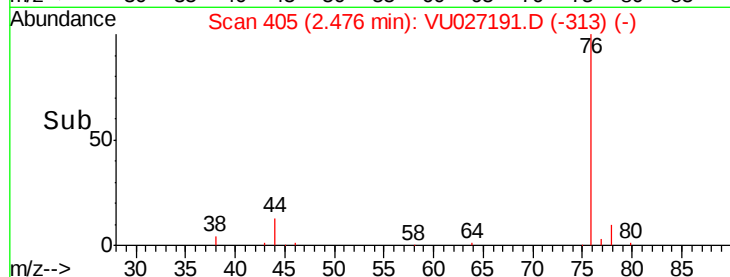
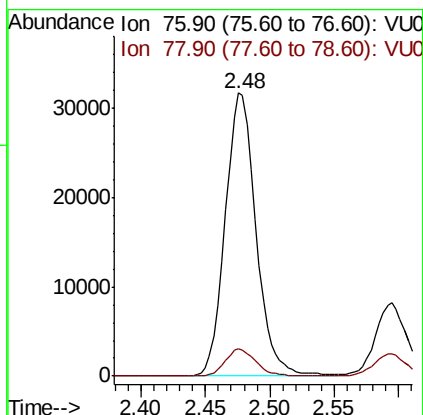
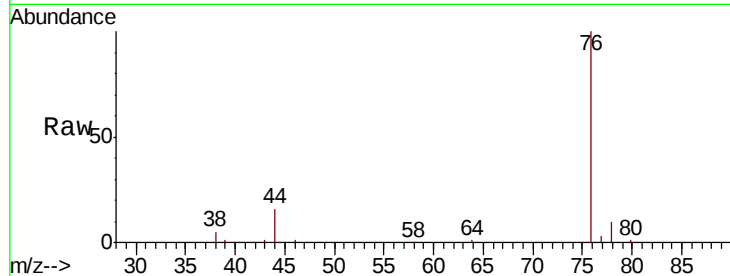




#17
Carbon Disulfide
Concen: 15.935 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

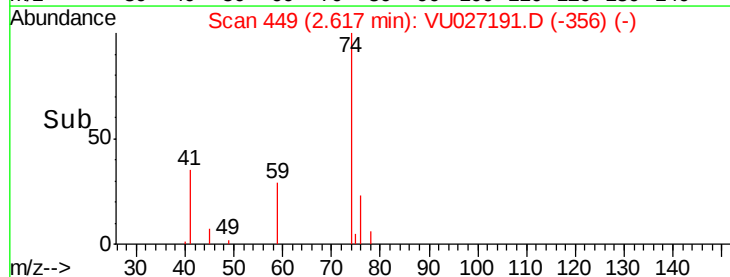
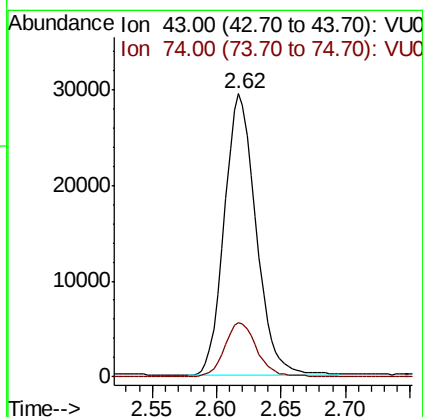
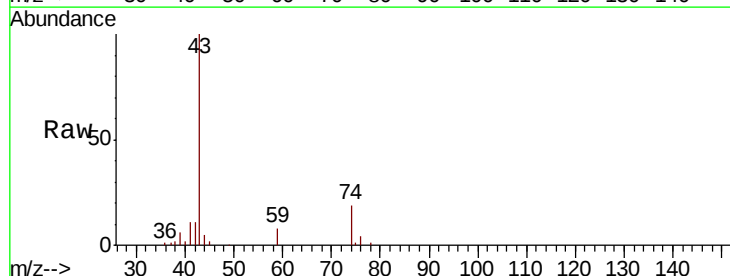
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

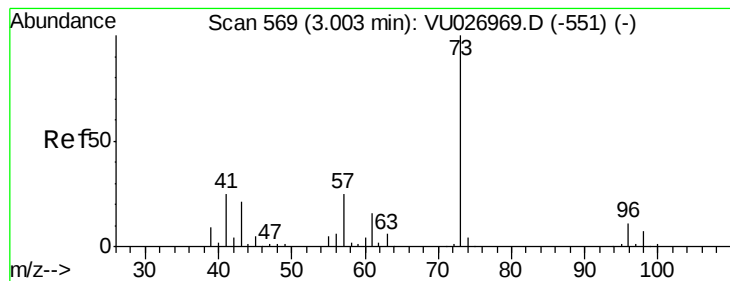
Tgt Ion: 76 Resp: 52719
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 23.769 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion: 43 Resp: 50068
Ion Ratio Lower Upper
43 100
74 19.6 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 20.980 ug/l

RT: 3.00 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

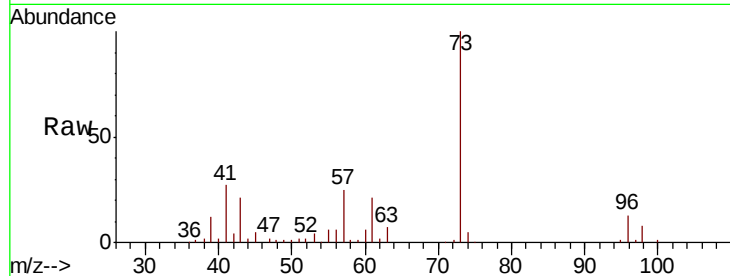
VU0926WBS03

Tgt Ion: 73 Resp: 78297

Ion Ratio Lower Upper

73 100

57 25.1 19.8 29.6



Abundance Ion 73.00 (72.70 to 73.70): VU026969.D (-551) (-)

Ion 57.00 (56.70 to 57.70): VU026969.D (-551) (-)

3.00

40000

30000

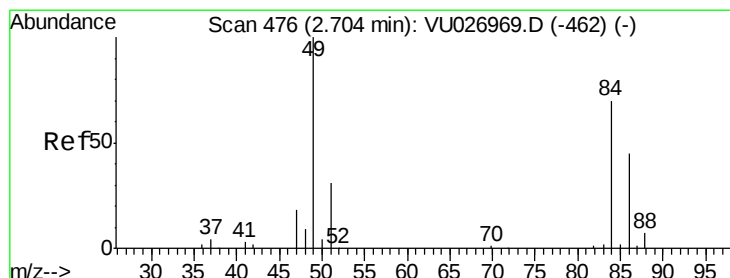
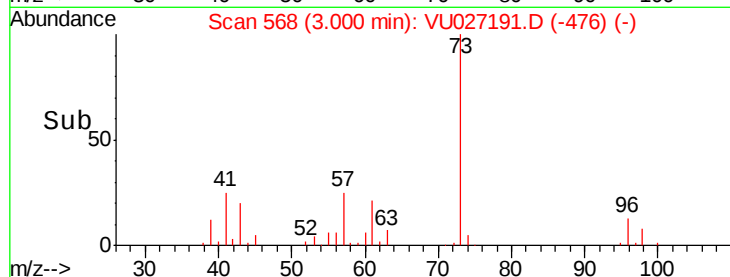
20000

10000

0

Time-->

2.90 2.95 3.00 3.05 3.10



#20

Methylene Chloride

Concen: 18.952 ug/l

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Tgt Ion: 84 Resp: 25118

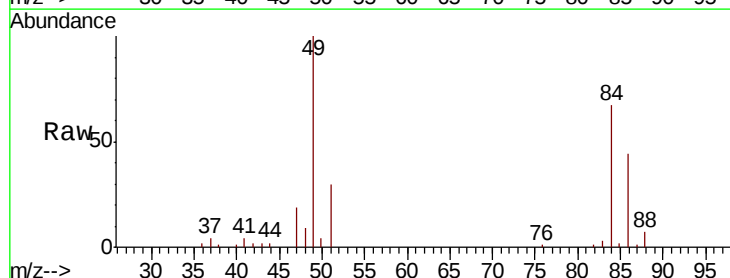
Ion Ratio Lower Upper

84 100

49 150.3 114.9 172.3

51 44.7 35.8 53.8

86 65.5 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VU026969.D (-462) (-)

Ion 48.90 (48.60 to 49.60): VU026969.D (-462) (-)

Ion 50.90 (50.60 to 51.60): VU026969.D (-462) (-)

Ion 85.90 (85.60 to 86.60): VU026969.D (-462) (-)

30000

25000

20000

15000

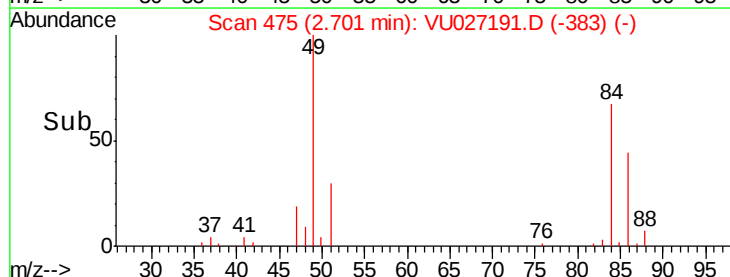
10000

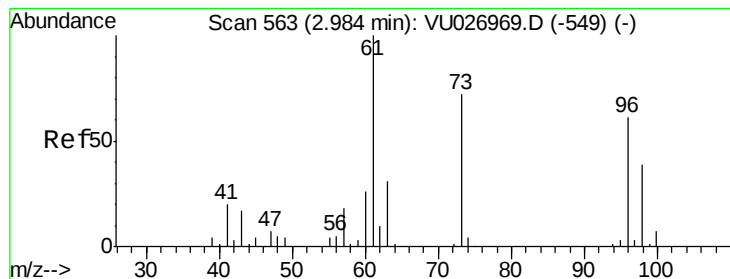
5000

0

Time-->

2.65 2.70 2.75 2.80





#21

trans-1,2-Dichloroethene

Concen: 18.805 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

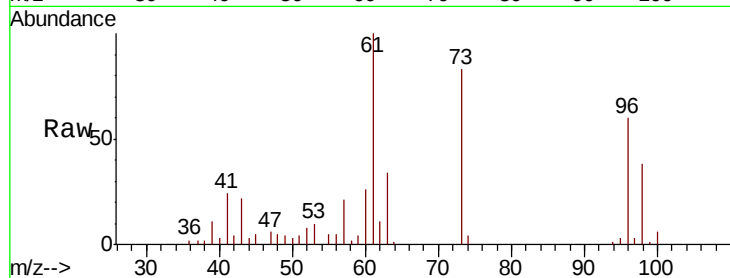
Tgt Ion: 96 Resp: 20390

Ion Ratio Lower Upper

96 100

61 165.5 131.8 197.6

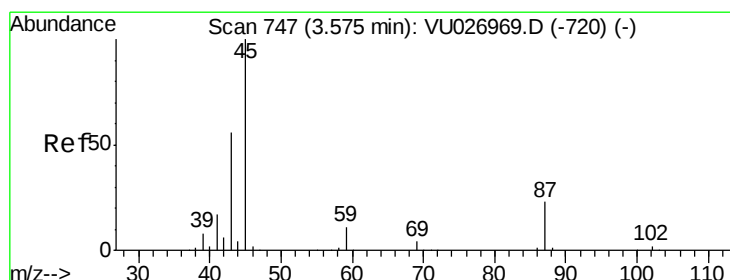
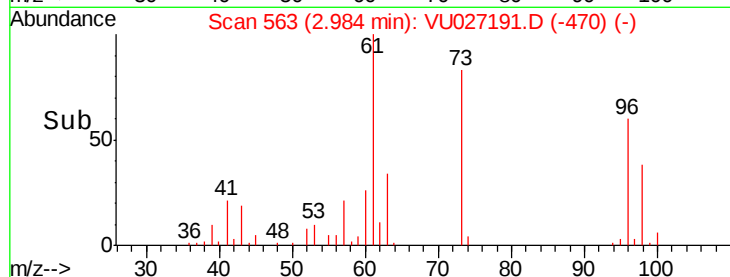
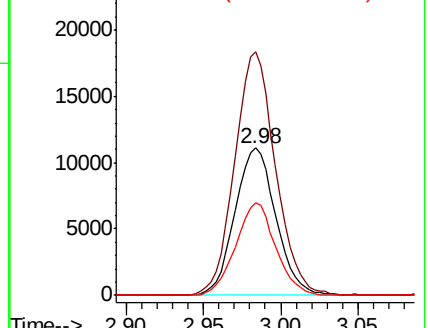
98 63.3 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027191.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027191.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027191.D (-470) (-)



#22

Diisopropyl ether

Concen: 22.385 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Tgt Ion: 45 Resp: 98623

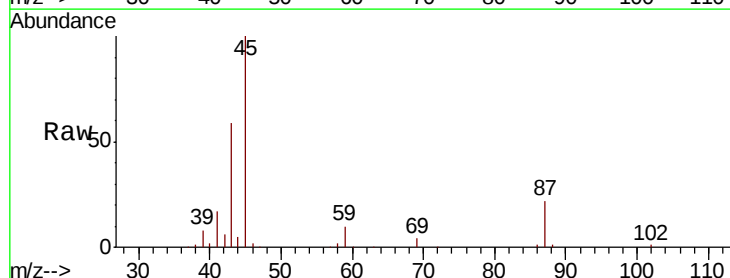
Ion Ratio Lower Upper

45 100

43 54.9 45.8 68.6

87 21.9 18.6 28.0

59 10.1 9.0 13.4

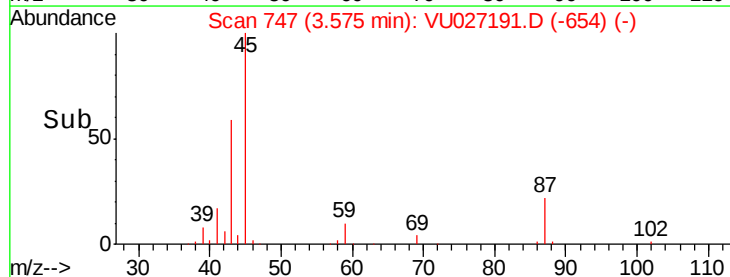
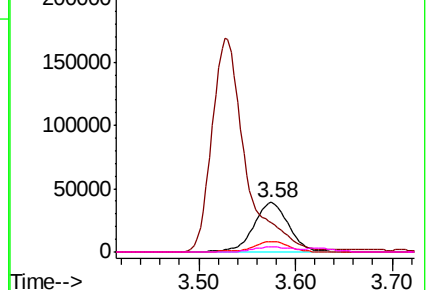


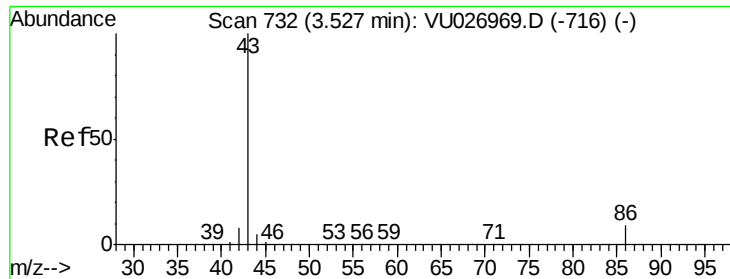
Abundance Ion 45.00 (44.70 to 45.70): VU027191.D (-654) (-)

Ion 43.00 (42.70 to 43.70): VU027191.D (-654) (-)

Ion 87.00 (86.70 to 87.70): VU027191.D (-654) (-)

Ion 59.00 (58.70 to 59.70): VU027191.D (-654) (-)

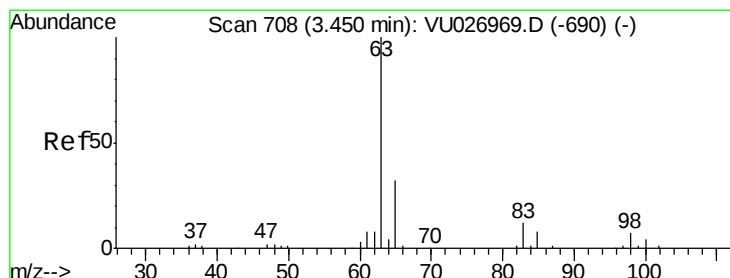
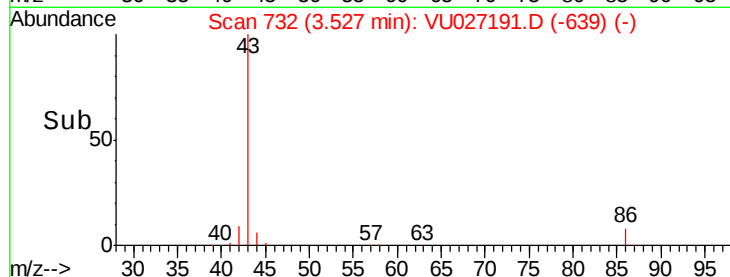
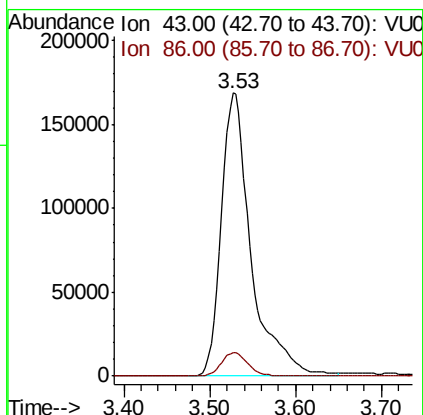
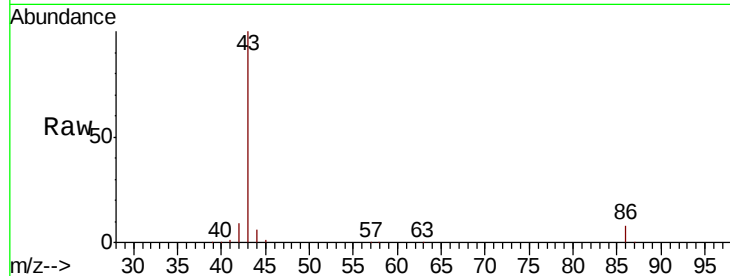




#23
 Vinyl Acetate
 Concen: 109.065 ug/l
 RT: 3.53 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

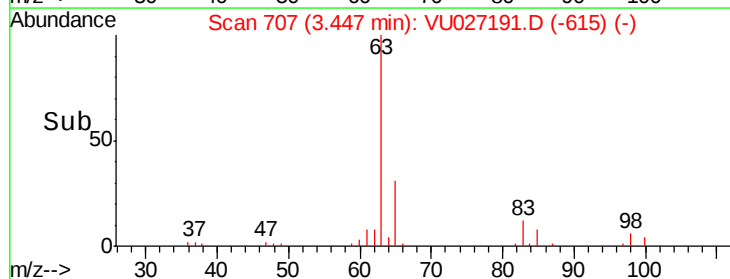
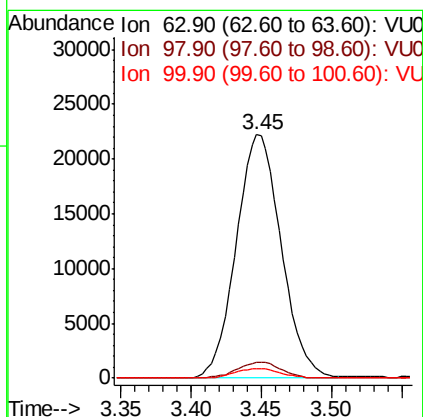
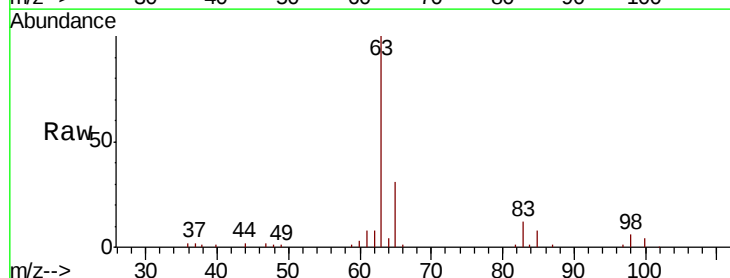
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

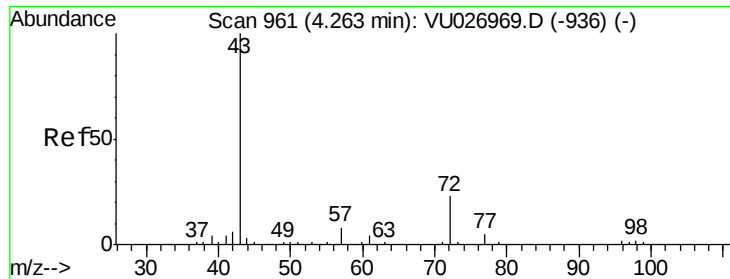
Tgt Ion: 43 Resp: 409595
 Ion Ratio Lower Upper
 43 100
 86 8.3 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 20.448 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion: 63 Resp: 49617
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 107.083 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

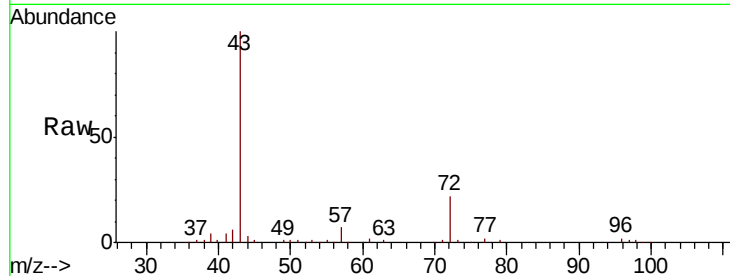
VU0926WBS03

Tgt Ion: 43 Resp: 133179

Ion Ratio Lower Upper

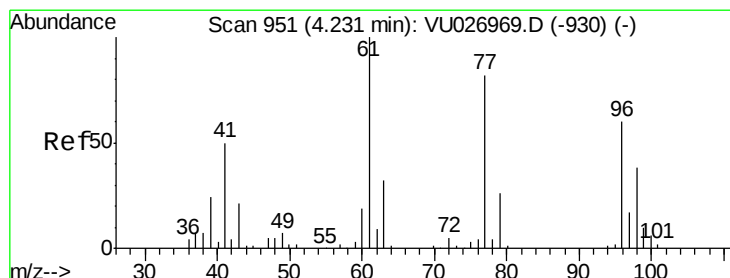
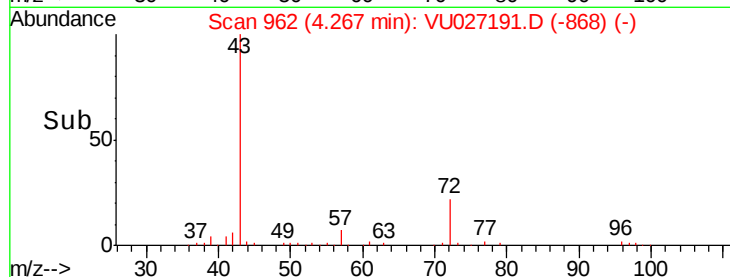
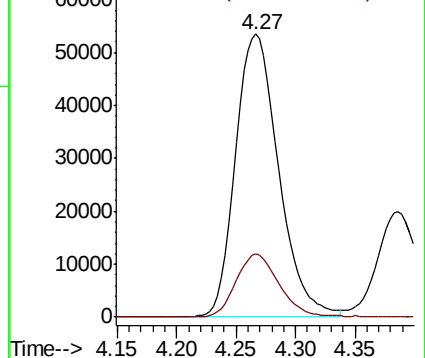
43 100

72 22.5 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 15.452 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027191.D

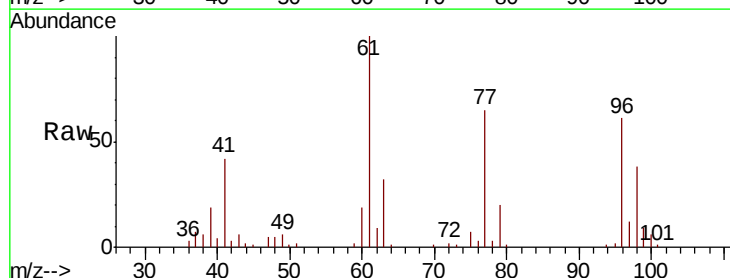
Acq: 26 Sep 2018 21:17

Tgt Ion: 77 Resp: 29240

Ion Ratio Lower Upper

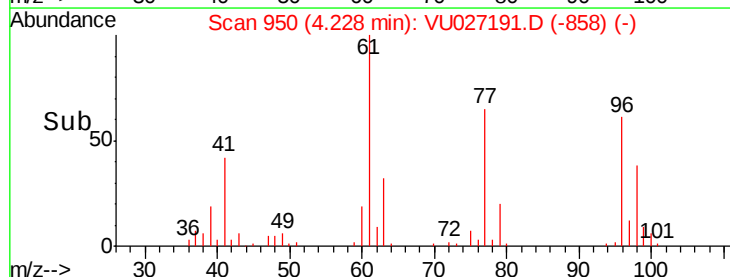
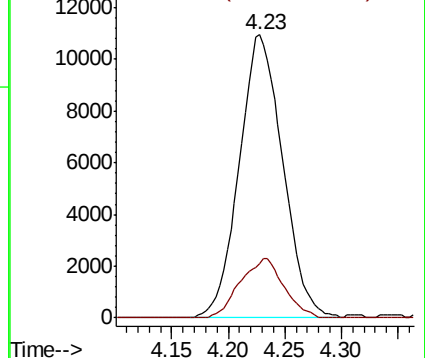
77 100

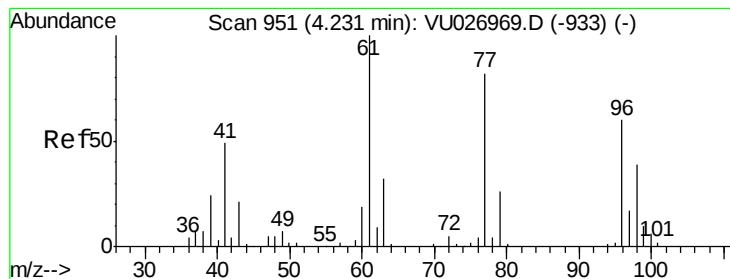
97 21.0 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



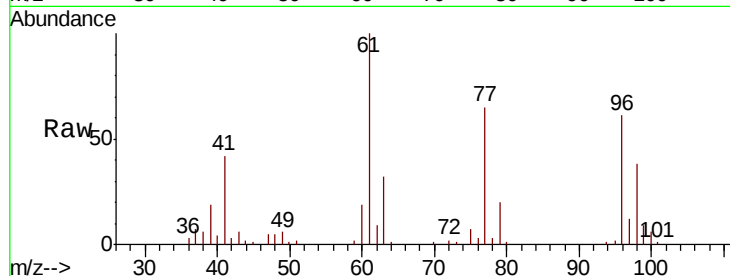


#27

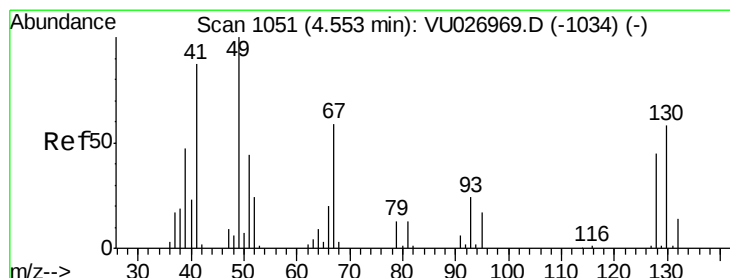
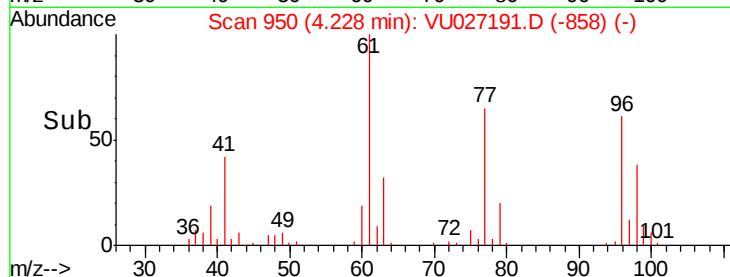
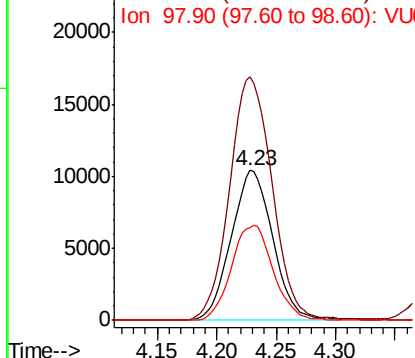
cis-1,2-Dichloroethene
 Concen: 20.612 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

Tgt Ion: 96 Resp: 25240
 Ion Ratio Lower Upper
 96 100
 61 166.2 0.0 337.2
 98 63.1 0.0 127.6



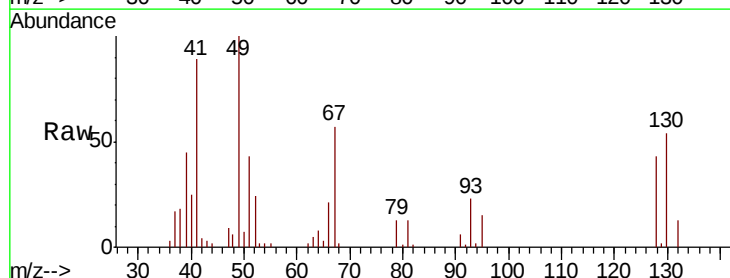
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



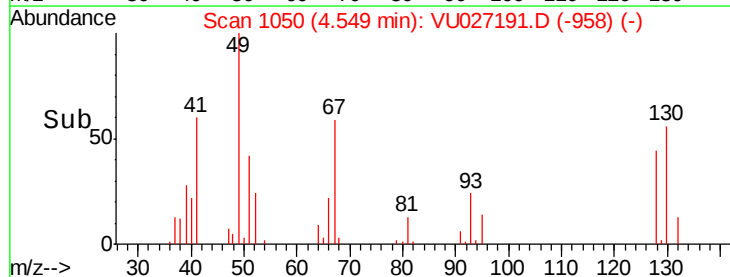
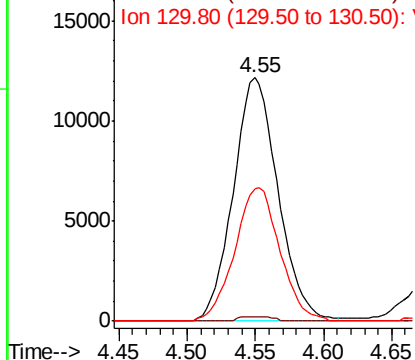
#28

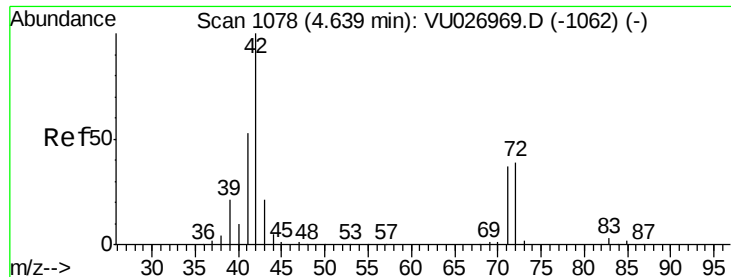
Bromochloromethane
 Concen: 23.668 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion: 49 Resp: 27684
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 55.1 47.8 71.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 115.707 ug/l

RT: 4.64 min Scan# 1079

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

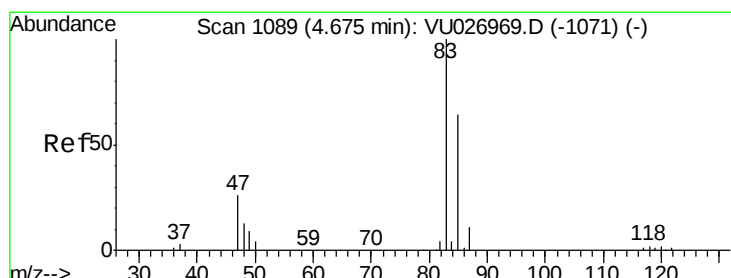
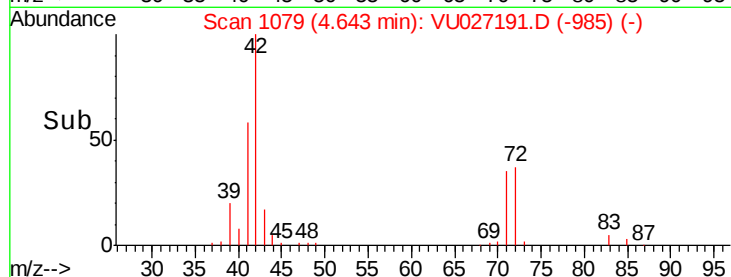
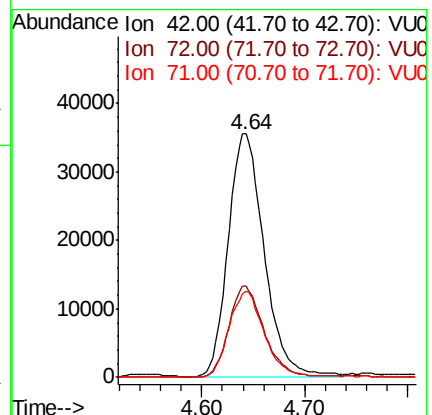
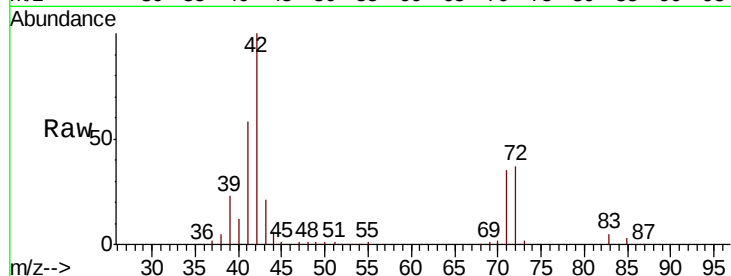
Tgt Ion: 42 Resp: 87053

Ion Ratio Lower Upper

42 100

72 36.5 31.7 47.5

71 34.5 29.6 44.4



#30

Chloroform

Concen: 20.407 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027191.D

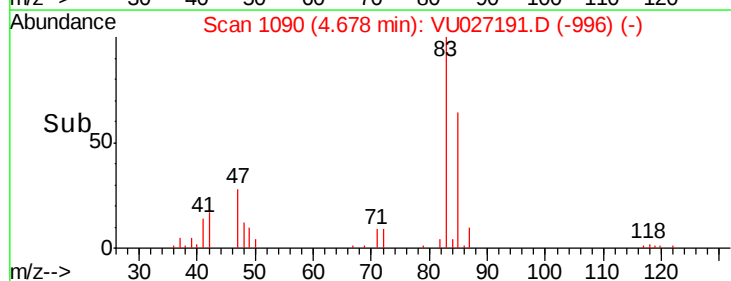
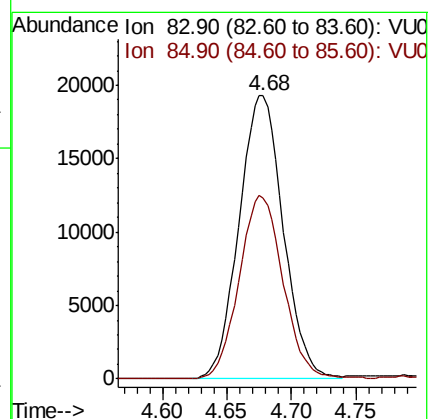
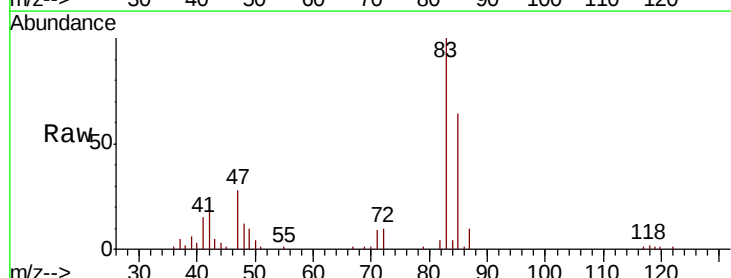
Acq: 26 Sep 2018 21:17

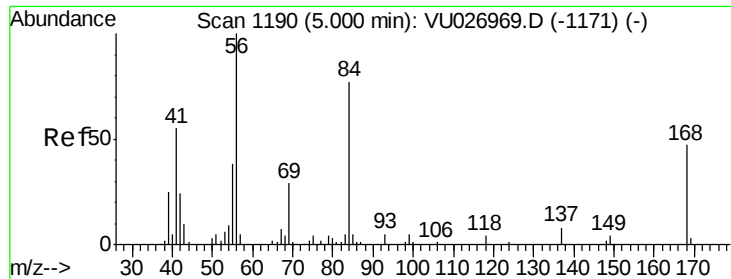
Tgt Ion: 83 Resp: 45964

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

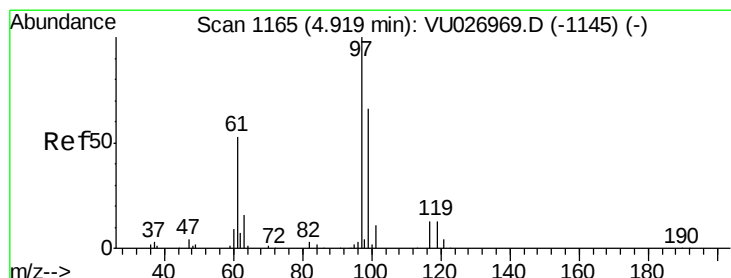
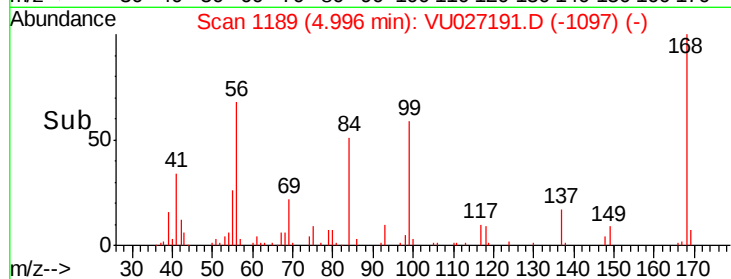
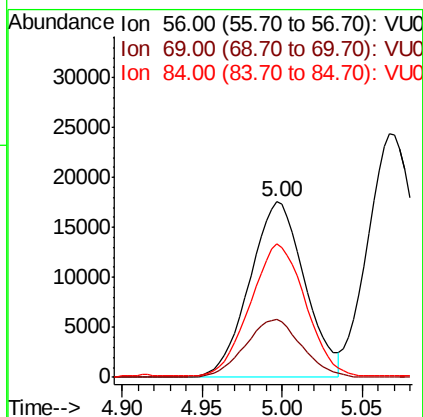
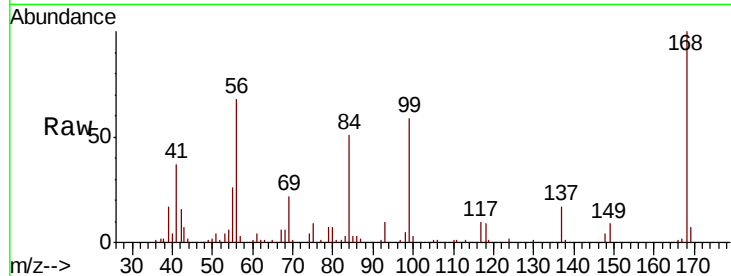




#31
Cyclohexane
Concen: 18.635 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

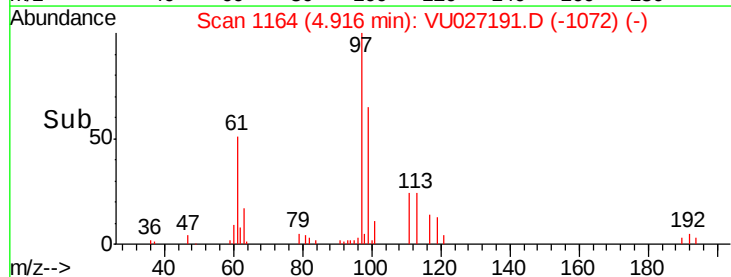
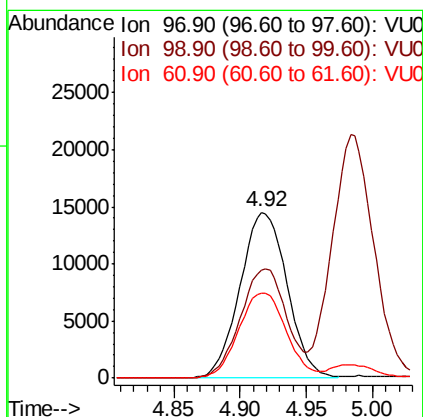
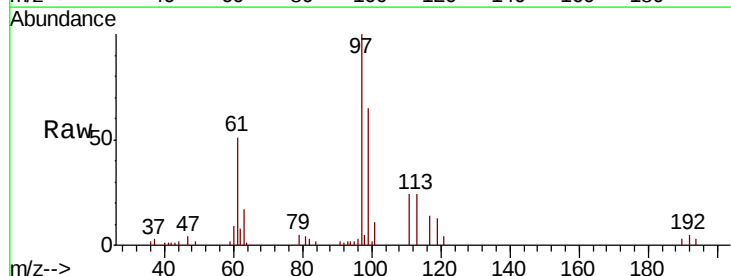
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

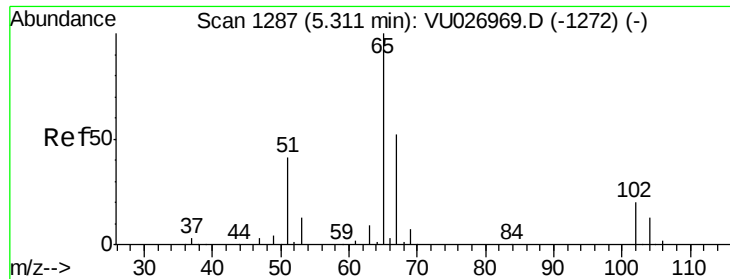
Tgt Ion: 56 Resp: 41899
Ion Ratio Lower Upper
56 100
69 33.0 23.0 34.4
84 75.0 61.4 92.2



#32
1,1,1-Trichloroethane
Concen: 20.034 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion: 97 Resp: 36028
Ion Ratio Lower Upper
97 100
99 65.5 51.8 77.6
61 52.1 41.1 61.7

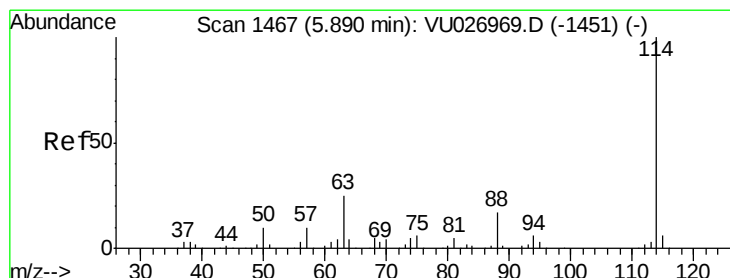
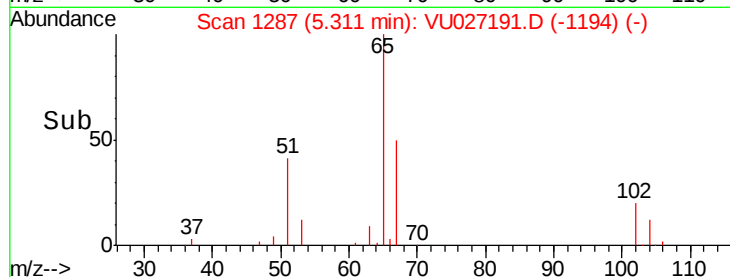
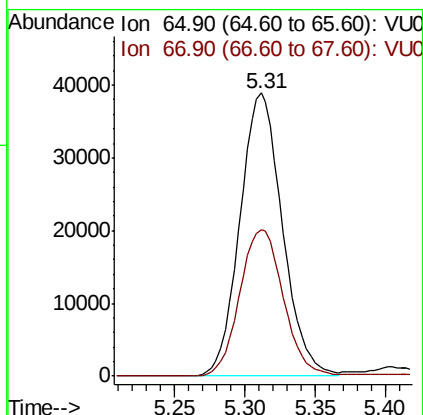
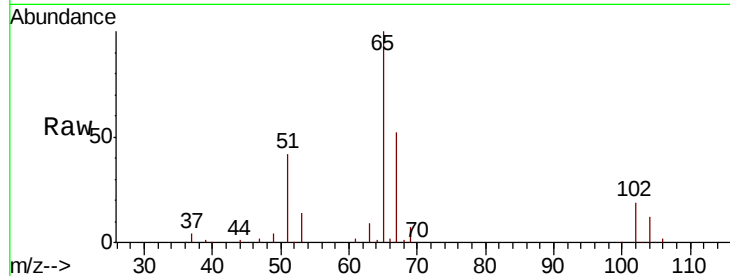




#33
 1,2-Dichloroethane-d4
 Concen: 55.438 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

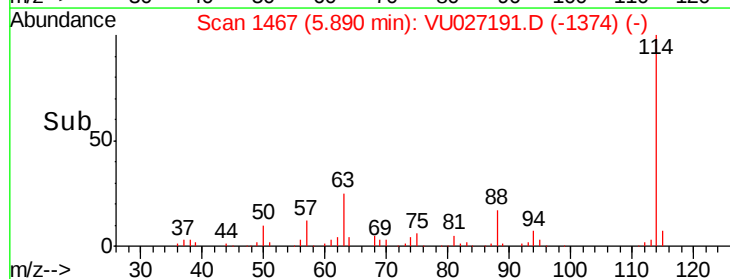
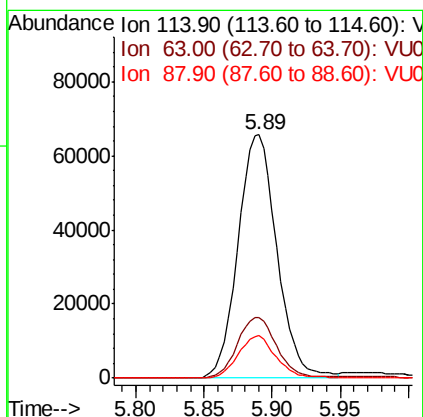
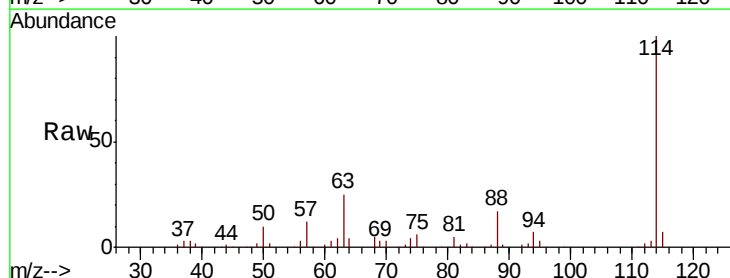
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

Tgt Ion: 65 Resp: 82043
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion: 114 Resp: 129950
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 17.3 0.0 33.8

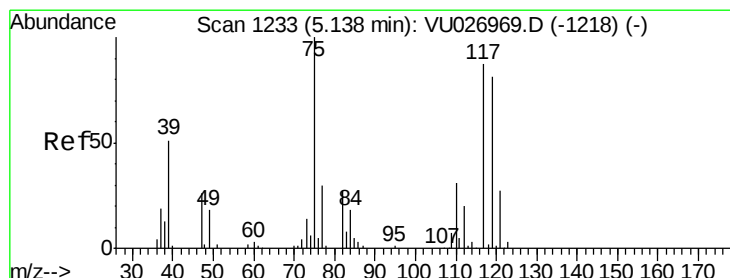
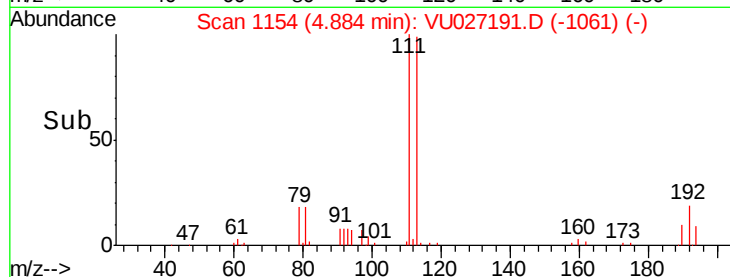
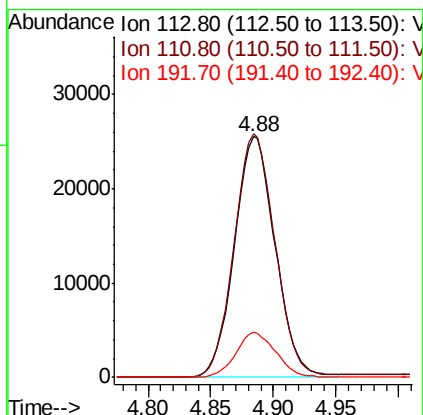
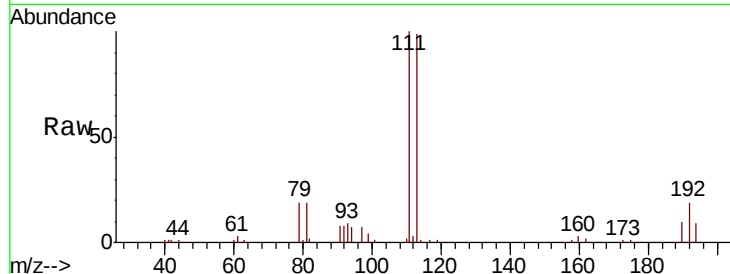




#35
 Dibromofluoromethane
 Concen: 51.148 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

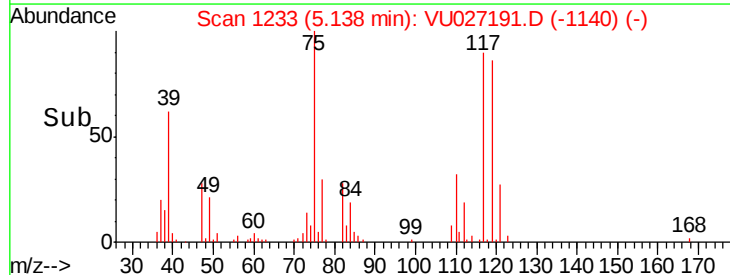
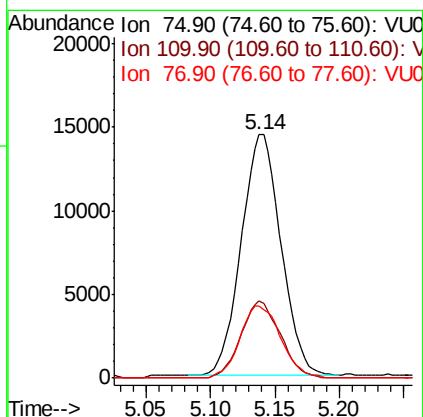
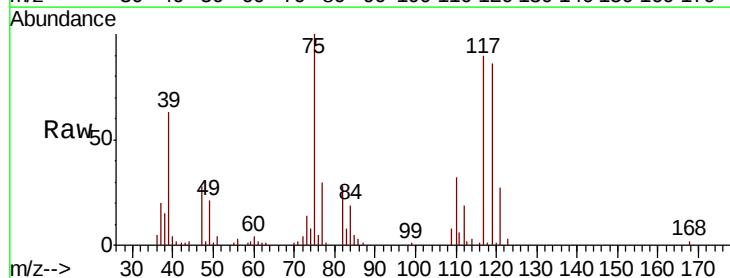
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

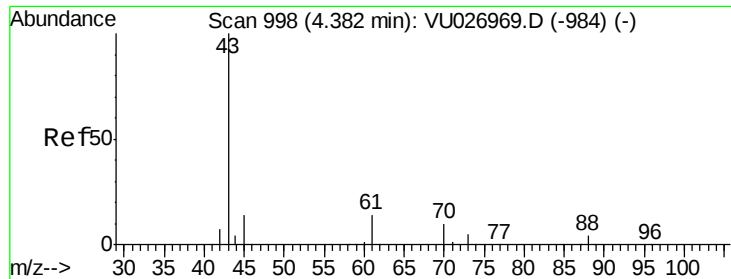
Tgt Ion:113 Resp: 57614
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 18.3 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 17.892 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion: 75 Resp: 31031
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.1 48.2
 77 30.8 24.6 36.8





#37

Ethyl Acetate

Concen: 20.205 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

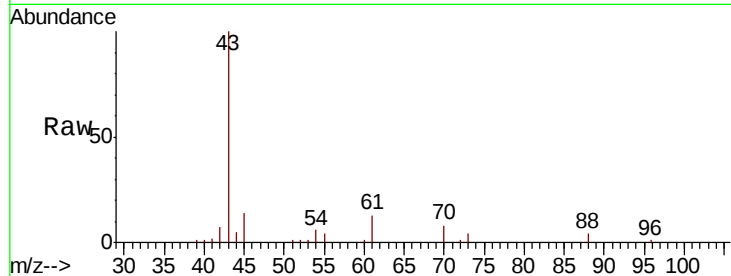
Tgt Ion: 43 Resp: 47439

Ion Ratio Lower Upper

43 100

61 12.7 10.5 15.7

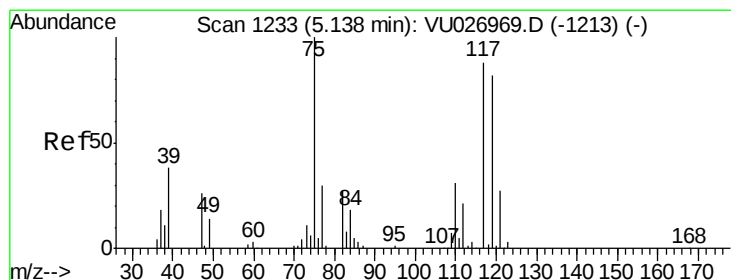
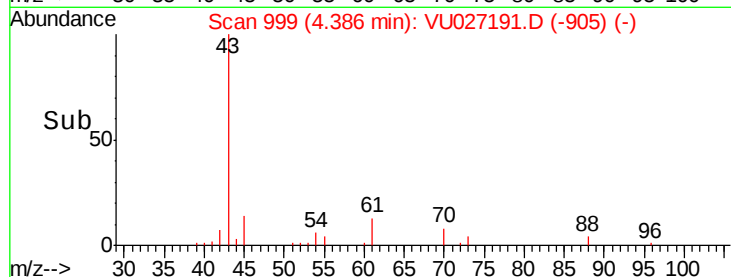
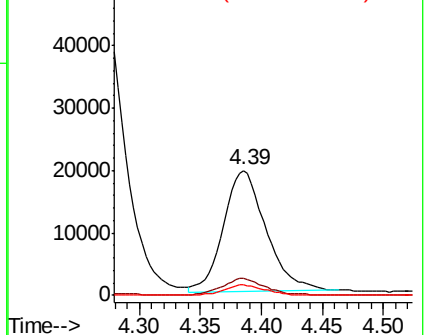
70 8.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-984) (-)

Ion 70.00 (69.70 to 70.70): VU026969.D (-984) (-)



#38

Carbon Tetrachloride

Concen: 18.391 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

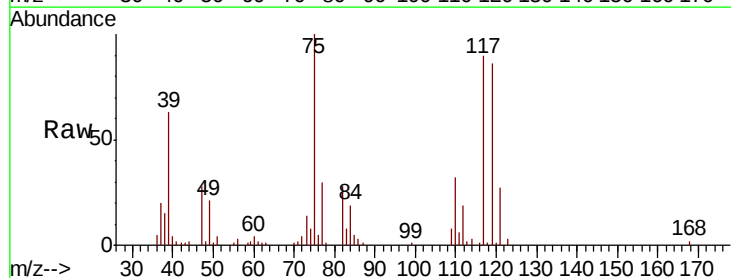
Tgt Ion: 117 Resp: 30354

Ion Ratio Lower Upper

117 100

119 94.6 74.4 111.6

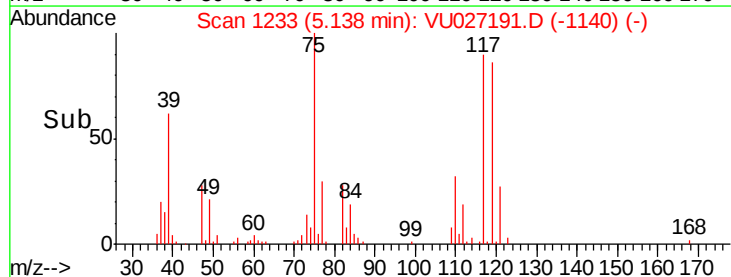
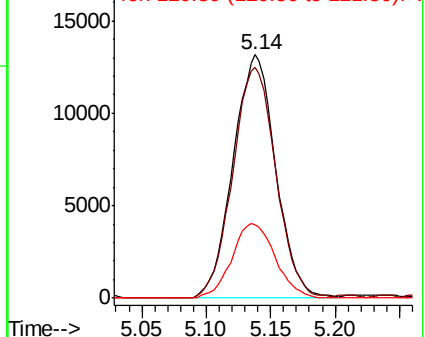
121 30.4 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

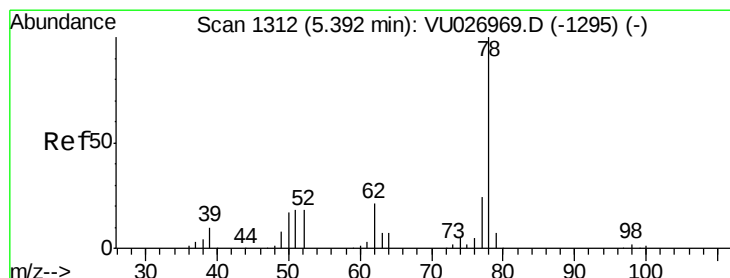
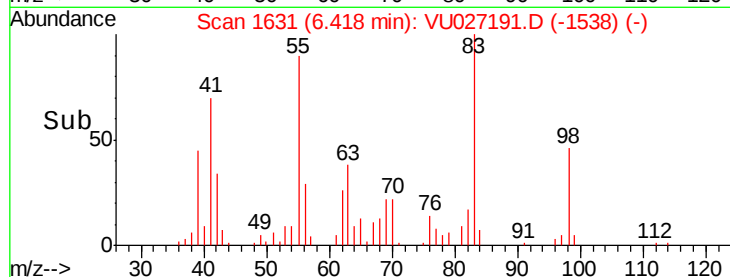
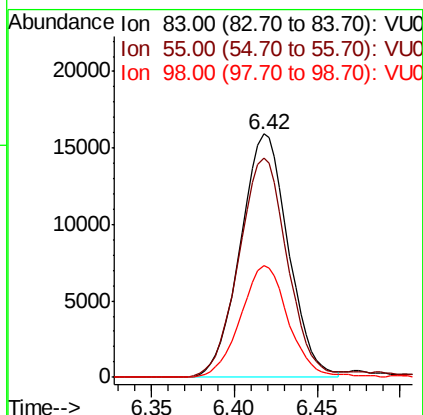
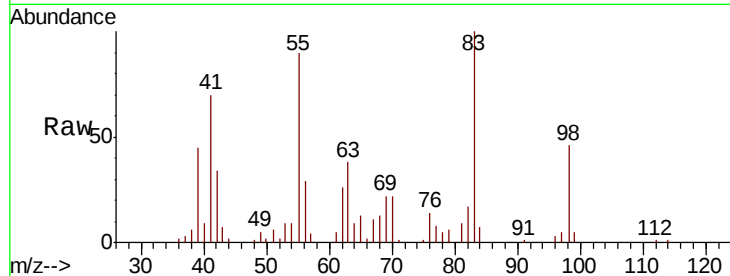




#39
Methylcyclohexane
Concen: 16.972 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

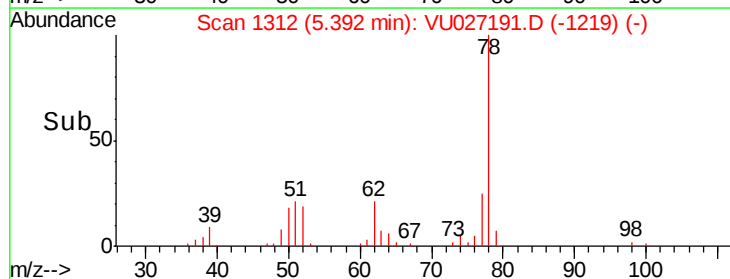
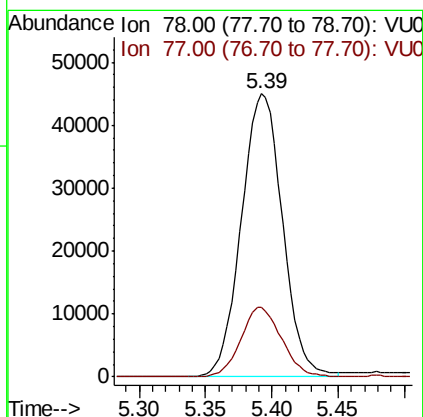
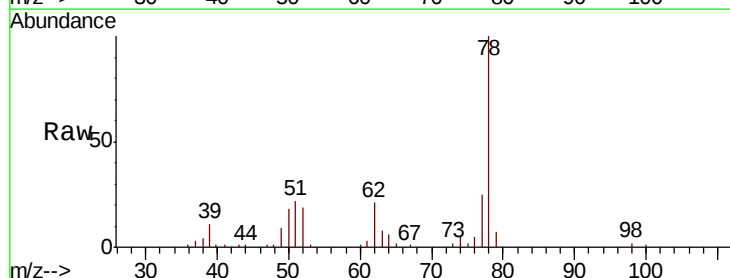
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

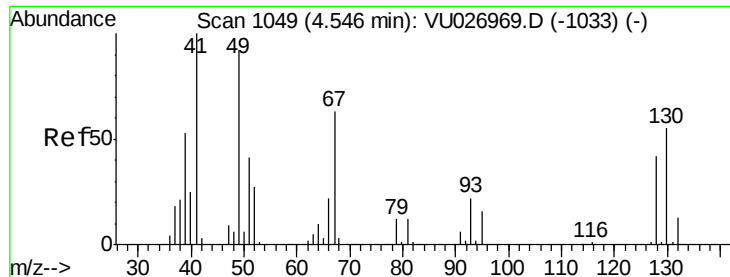
Tgt Ion: 83 Resp: 31987
Ion Ratio Lower Upper
83 100
55 89.9 69.9 104.9
98 45.7 37.5 56.3



#40
Benzene
Concen: 18.440 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion: 78 Resp: 97223
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

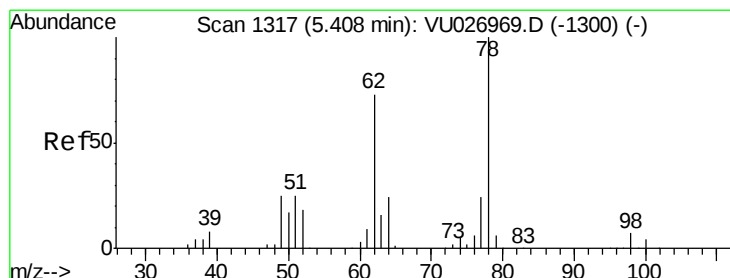
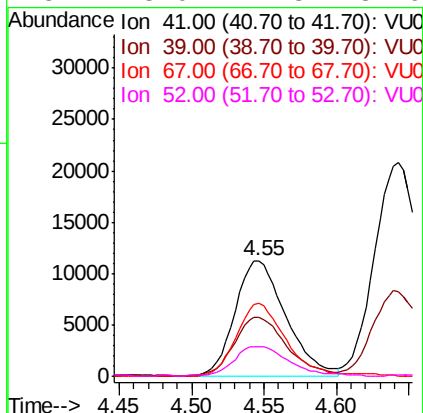
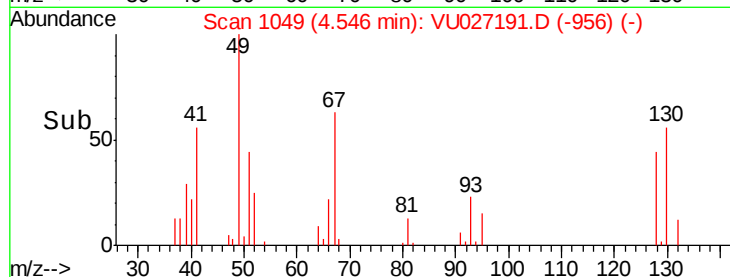
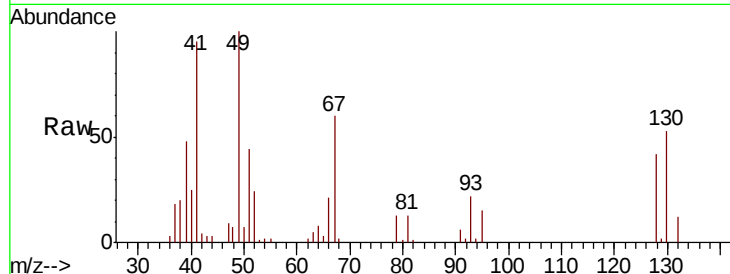




#41
Methacrylonitrile
Concen: 22.533 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

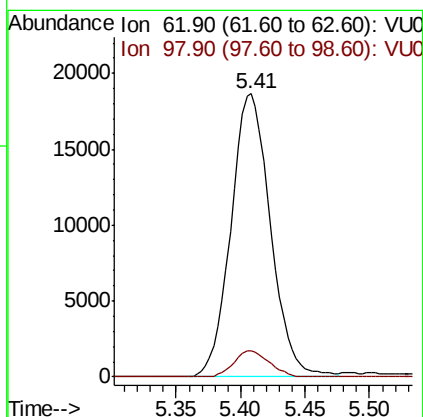
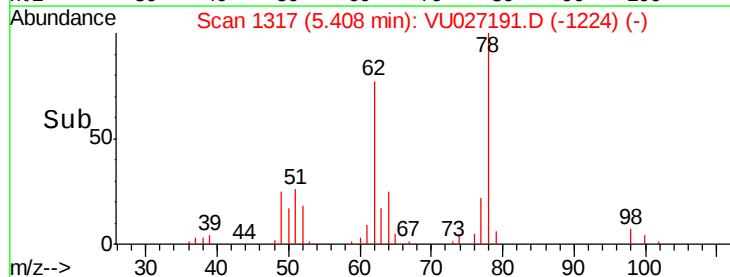
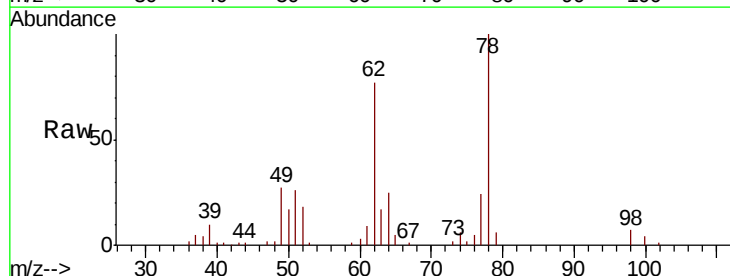
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

Tgt Ion: 41 Resp: 27475
Ion Ratio Lower Upper
41 100
39 53.3 42.9 64.3
67 61.0 52.4 78.6
52 28.0 21.3 31.9



#42
1,2-Dichloroethane
Concen: 19.979 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion: 62 Resp: 39798
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.0





#43

Isopropyl Acetate

Concen: 21.692 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

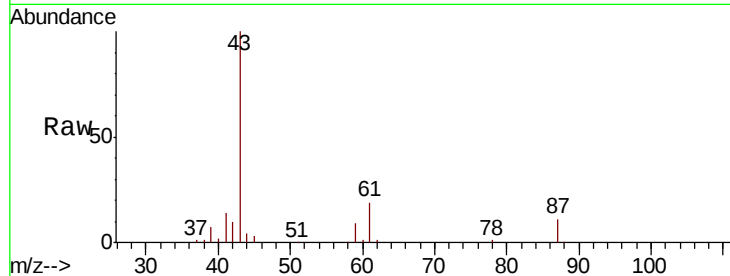
Tgt Ion: 43 Resp: 74275

Ion Ratio Lower Upper

43 100

61 18.4 15.7 23.5

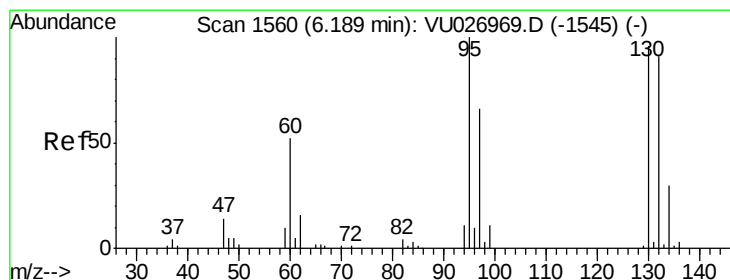
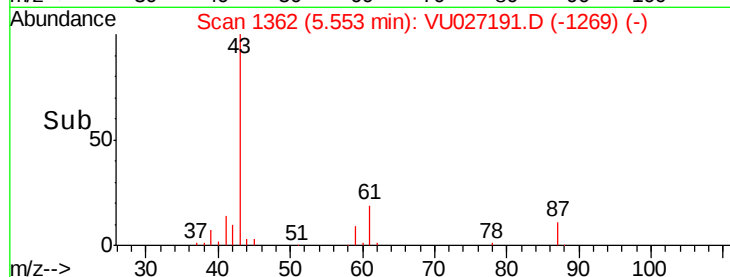
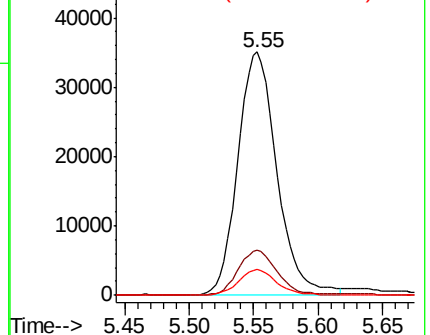
87 10.5 9.0 13.4



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

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

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



#44

Trichloroethene

Concen: 18.501 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027191.D

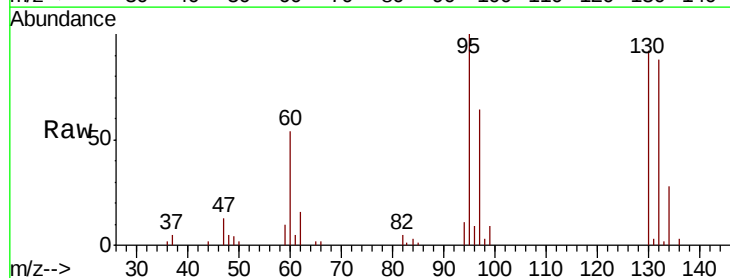
Acq: 26 Sep 2018 21:17

Tgt Ion: 130 Resp: 20766

Ion Ratio Lower Upper

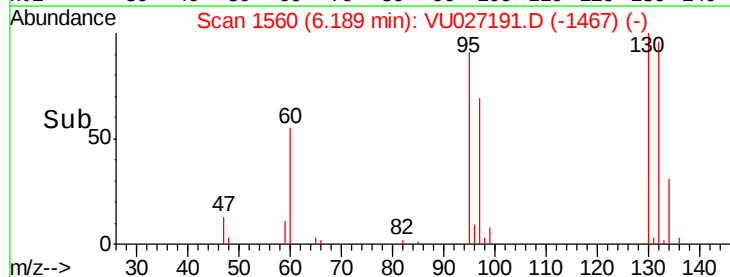
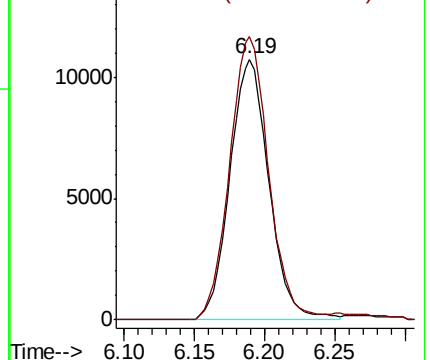
130 100

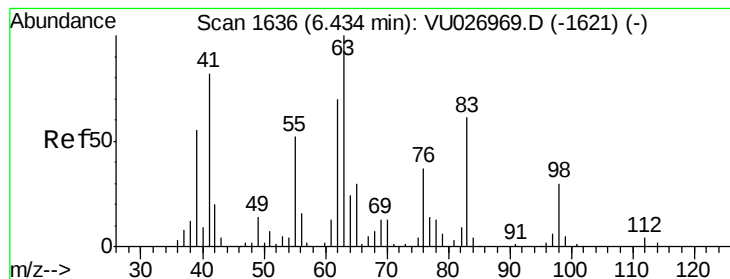
95 108.7 0.0 208.8



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

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





#45

1,2-Dichloropropane

Concen: 19.772 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

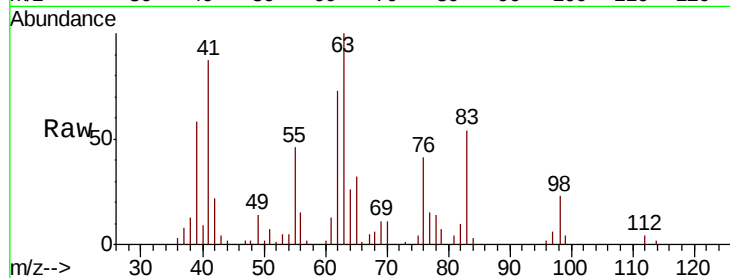
VU0926WBS03

Tgt Ion: 63 Resp: 29703

Ion Ratio Lower Upper

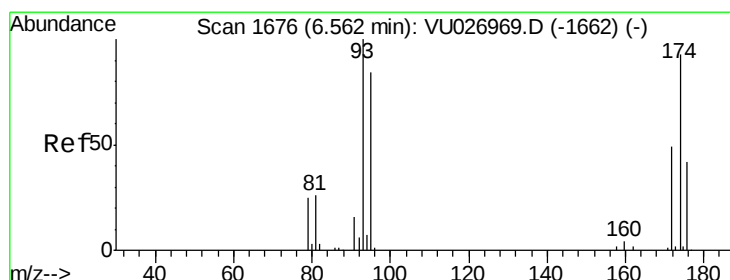
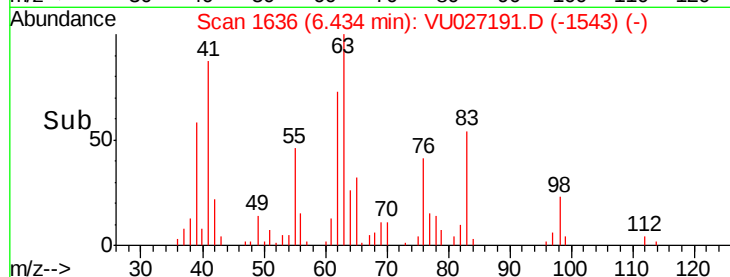
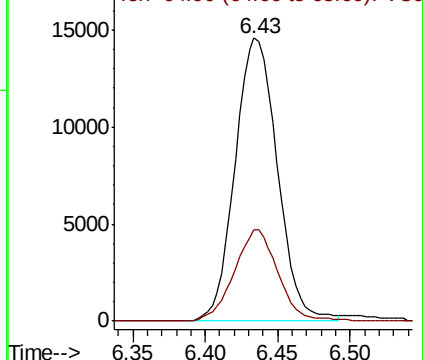
63 100

65 32.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-1621) (-)

Ion 64.90 (64.60 to 65.60): VU026969.D (-1621) (-)



#46

Dibromomethane

Concen: 19.046 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

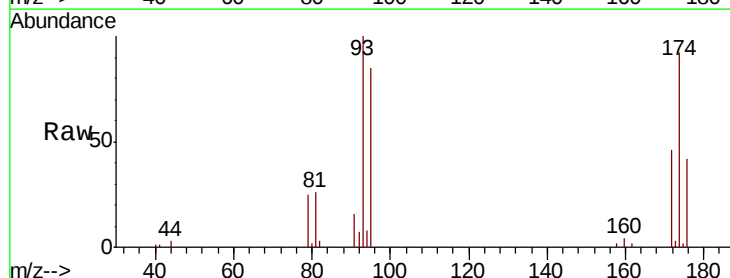
Tgt Ion: 93 Resp: 17280

Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

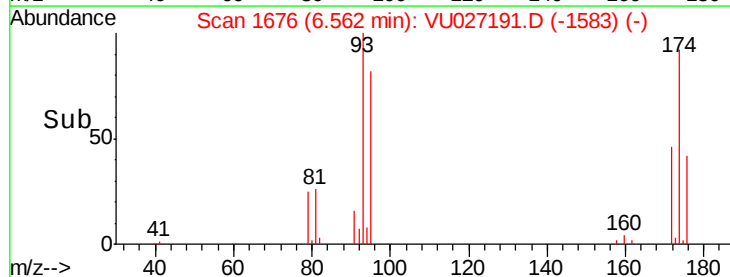
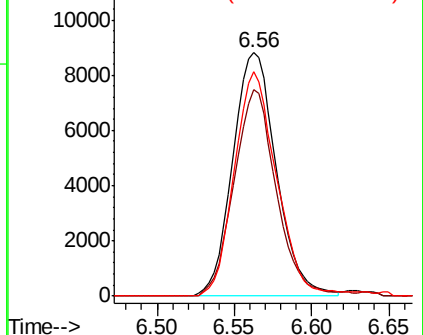
174 89.8 71.7 107.5

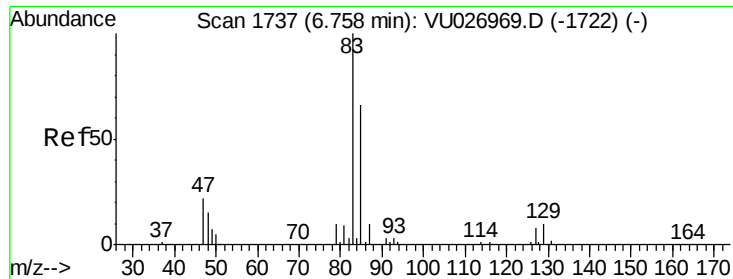


Abundance Ion 92.80 (92.50 to 93.50): VU026969.D (-1662) (-)

Ion 94.80 (94.50 to 95.50): VU026969.D (-1662) (-)

Ion 173.70 (173.40 to 174.40): VU026969.D (-1662) (-)





#47

Bromodichloromethane

Concen: 19.531 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

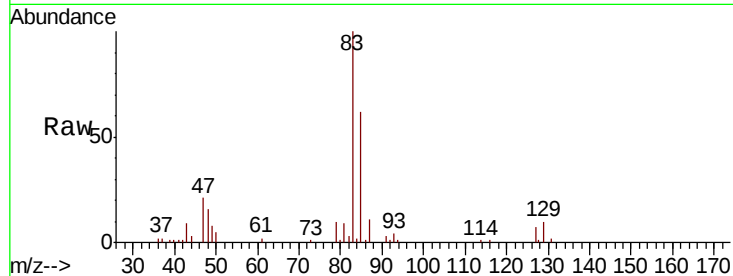
Tgt Ion: 83 Resp: 35831

Ion Ratio Lower Upper

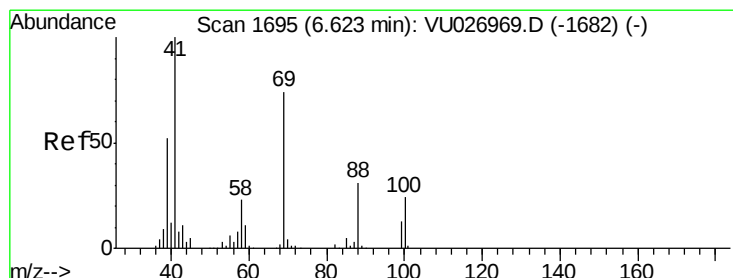
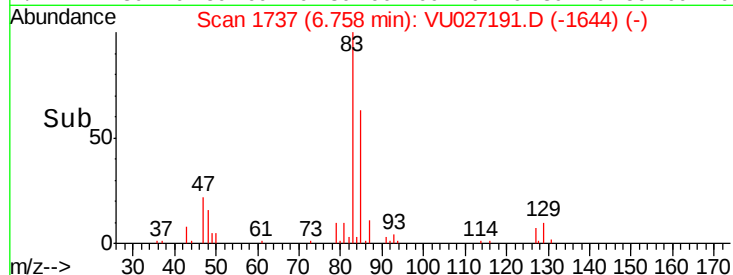
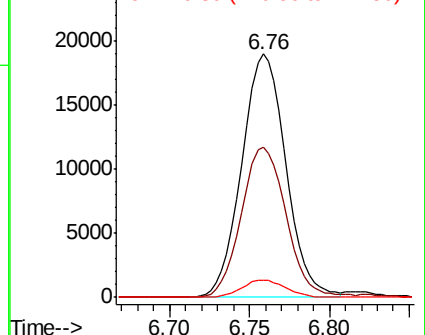
83 100

85 61.6 52.5 78.7

127 7.3 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: 19.613 ug/l

RT: 6.63 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

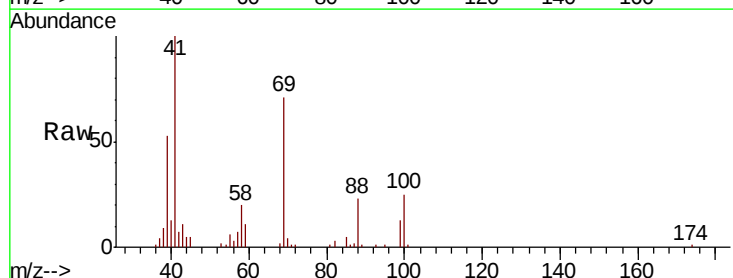
Tgt Ion: 41 Resp: 35381

Ion Ratio Lower Upper

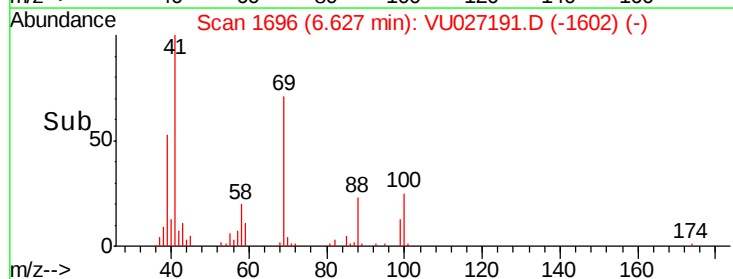
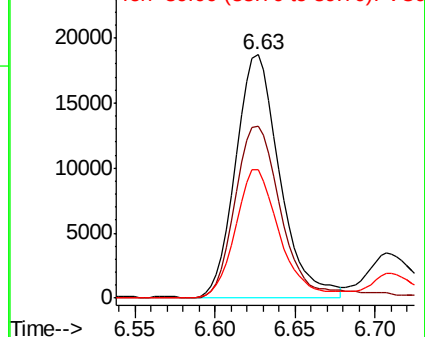
41 100

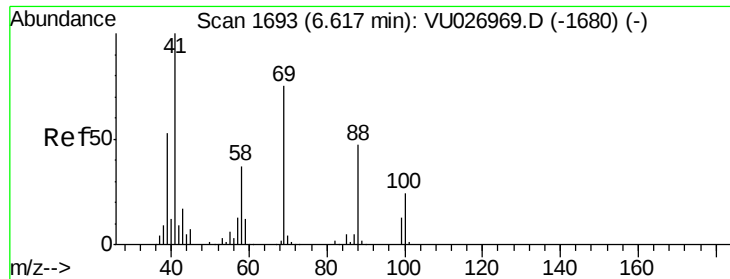
69 73.8 60.6 90.8

39 52.9 42.8 64.2



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

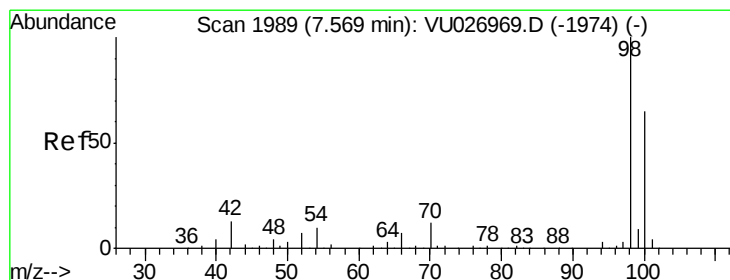
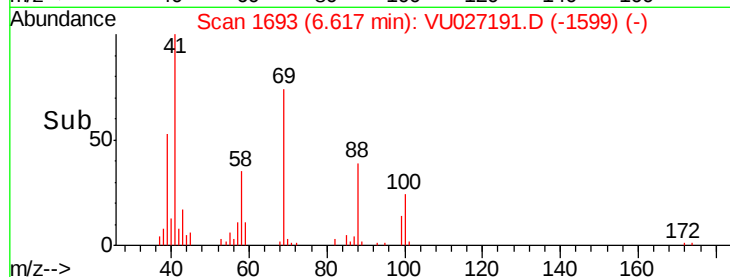
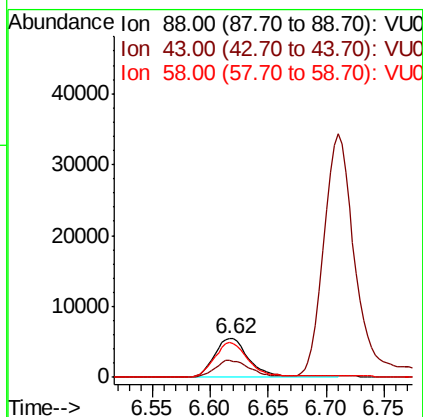
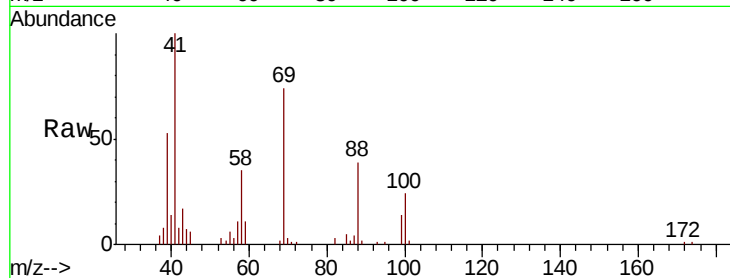




#49
1,4-Dioxane
Concen: 317.403 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

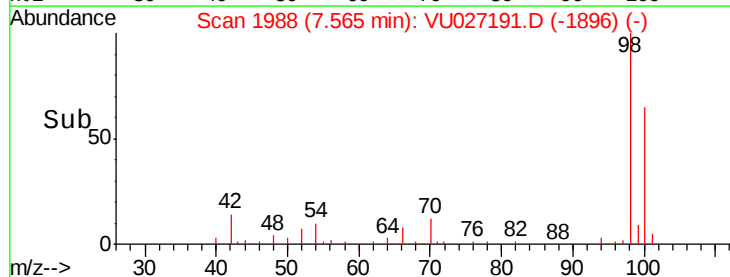
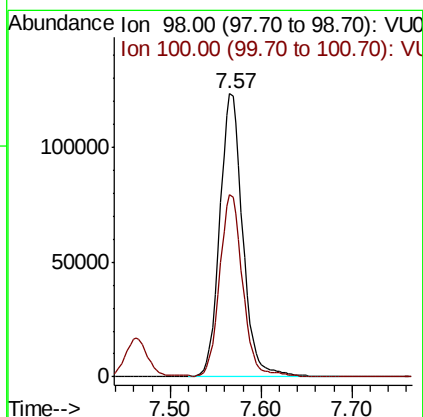
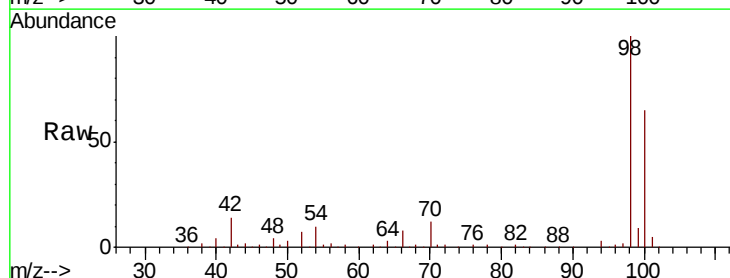
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

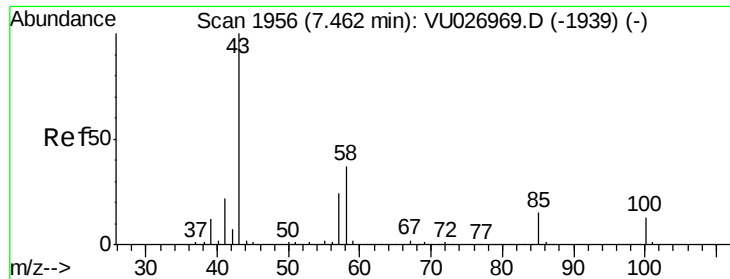
Tgt Ion: 88 Resp: 11791
Ion Ratio Lower Upper
88 100
43 42.0 29.8 44.8
58 86.2 63.9 95.9



#50
Toluene-d8
Concen: 50.512 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion: 98 Resp: 216837
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 110.948 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

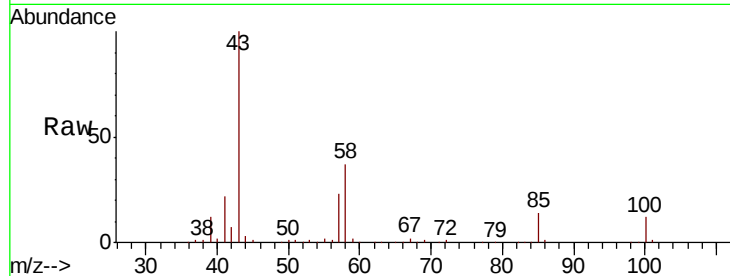
VU0926WBS03

Tgt Ion: 43 Resp: 255497

Ion Ratio Lower Upper

43 100

58 36.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

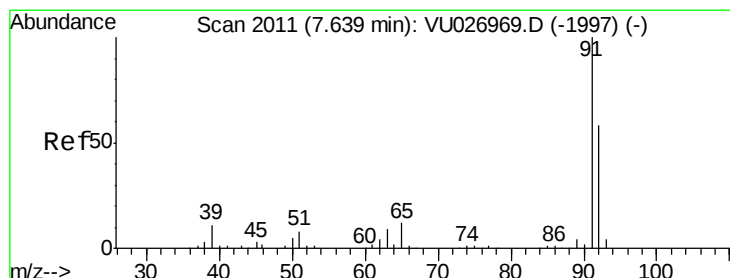
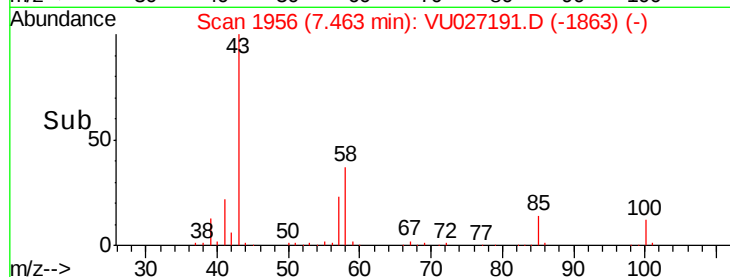
150000

100000

50000

0

Time--> 7.35 7.40 7.45 7.50 7.55



#52

Toluene

Concen: 19.508 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027191.D

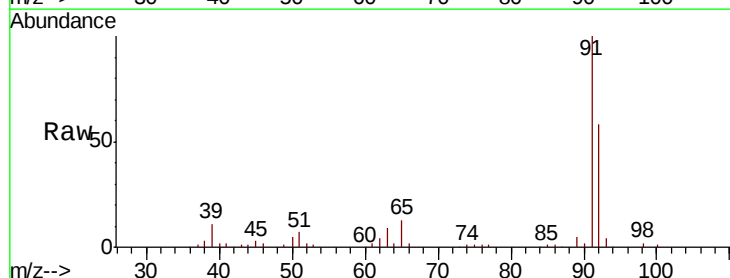
Acq: 26 Sep 2018 21:17

Tgt Ion: 92 Resp: 58954

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

60000

50000

40000

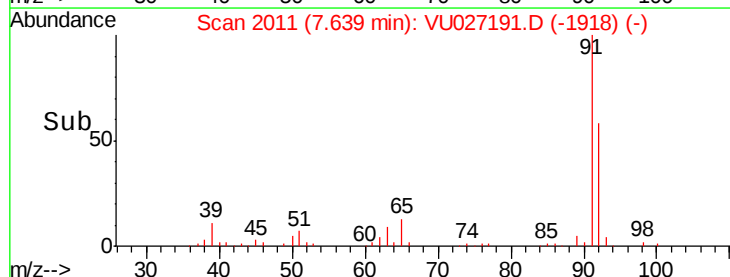
30000

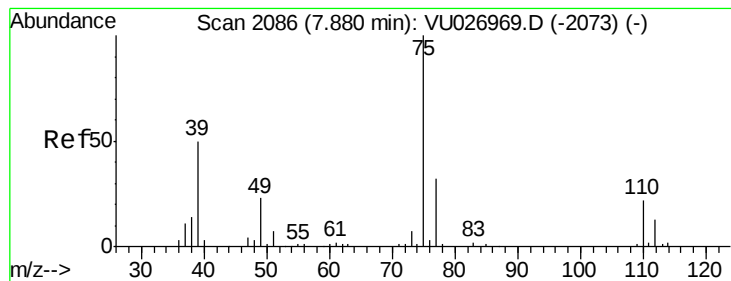
20000

10000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#53

t-1,3-Dichloropropene

Concen: 19.389 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

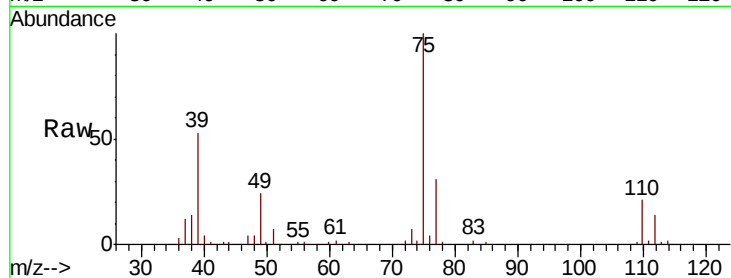
VU0926WBS03

Tgt Ion: 75 Resp: 38217

Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2073) (-)

Ion 76.90 (76.60 to 77.60): VU026969.D (-2073) (-)

7.88

25000

20000

15000

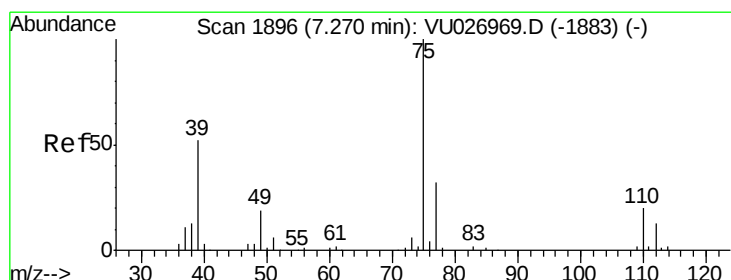
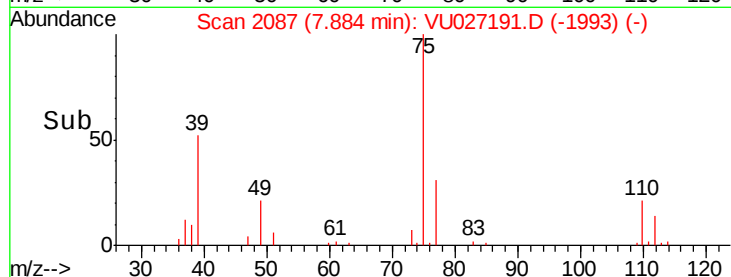
10000

5000

0

7.80 7.85 7.90 7.95 8.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.195 ug/l

RT: 7.27 min Scan# 1897

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

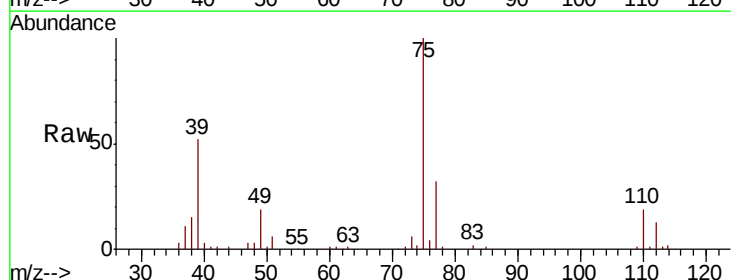
Tgt Ion: 75 Resp: 41602

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 51.7 41.6 62.4



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-1883) (-)

Ion 76.90 (76.60 to 77.60): VU026969.D (-1883) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-1883) (-)

7.27

30000

25000

20000

15000

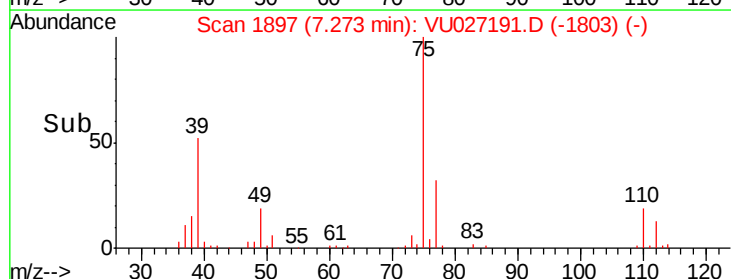
10000

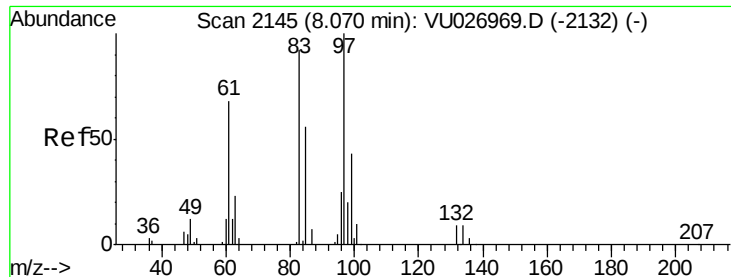
5000

0

7.20 7.30 7.40

Time-->

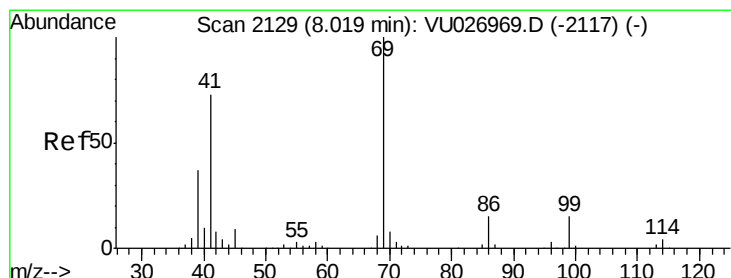
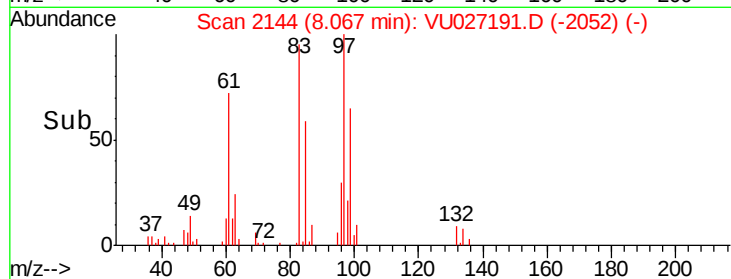
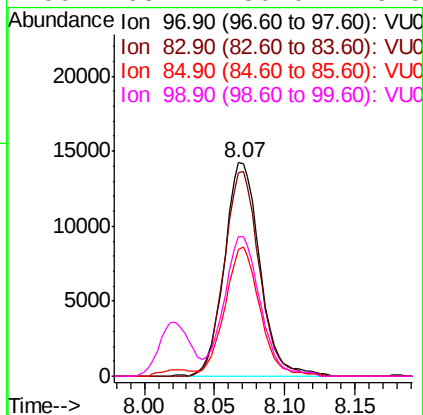
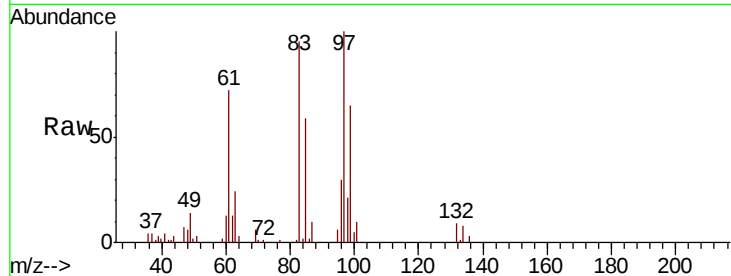




#55
 1,1,2-Trichloroethane
 Concen: 19.642 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

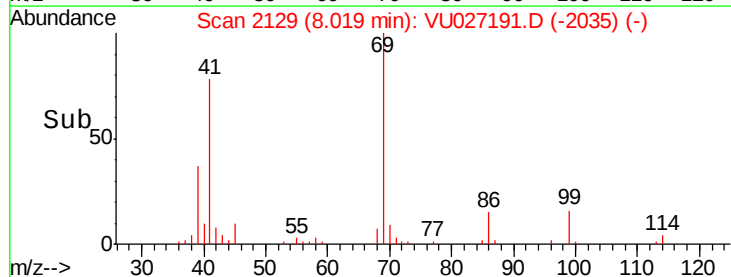
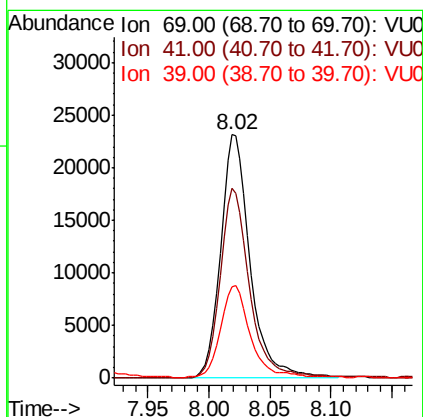
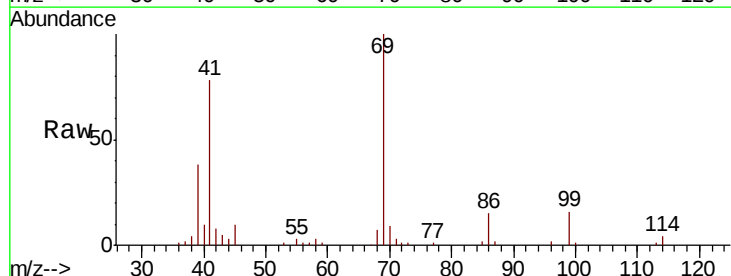
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

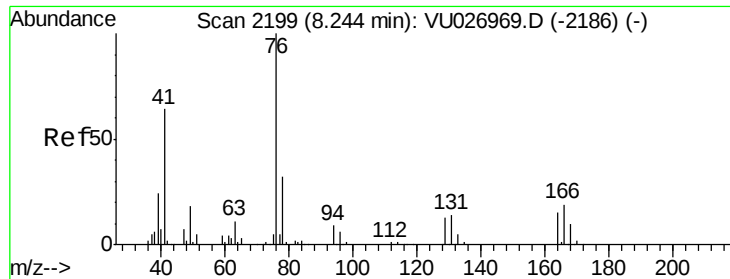
Tgt Ion:	97	Resp:	25153
Ion	Ratio	Lower	Upper
97	100		
83	95.3	73.1	109.7
85	59.2	46.7	70.1
99	65.2	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 19.084 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion:	69	Resp:	39250
Ion	Ratio	Lower	Upper
69	100		
41	78.0	59.0	88.4
39	39.2	30.2	45.4





#57

1,3-Dichloropropane

Concen: 20.230 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

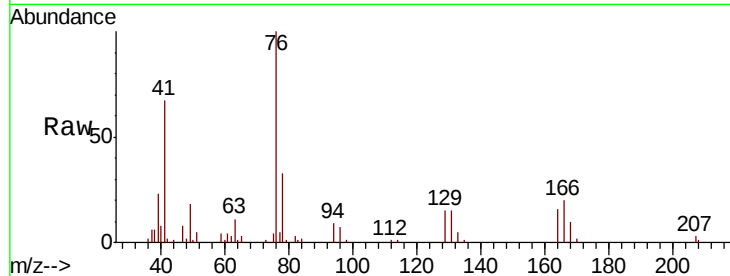
VU0926WBS03

Tgt Ion: 76 Resp: 48181

Ion Ratio Lower Upper

76 100

78 31.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.24

30000

25000

20000

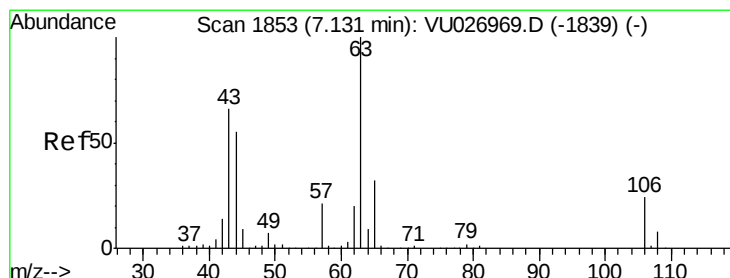
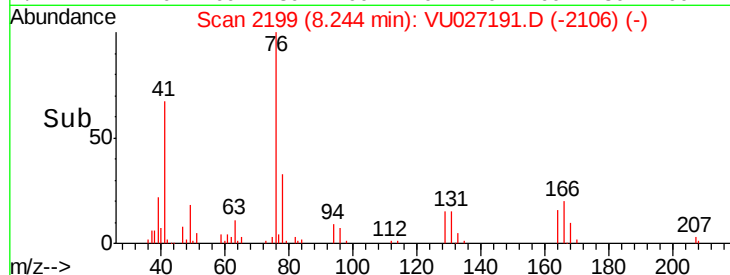
15000

10000

5000

0

Time--> 8.15 8.20 8.25 8.30 8.35



#58

2-Chloroethyl Vinyl ether

Concen: 96.753 ug/l

RT: 7.13 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VU027191.D

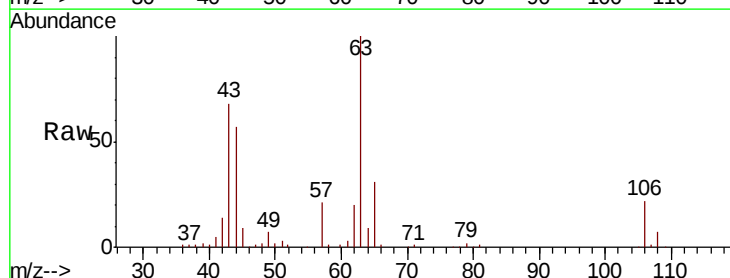
Acq: 26 Sep 2018 21:17

Tgt Ion: 63 Resp: 118169

Ion Ratio Lower Upper

63 100

106 22.5 18.7 28.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

80000

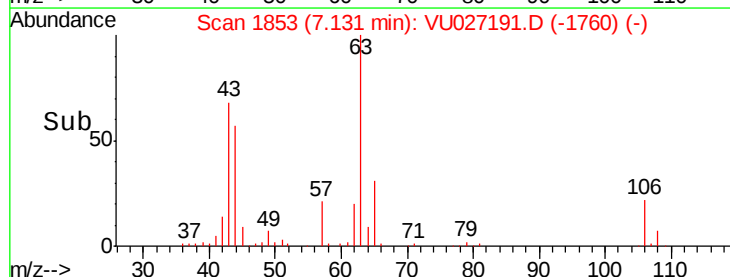
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25

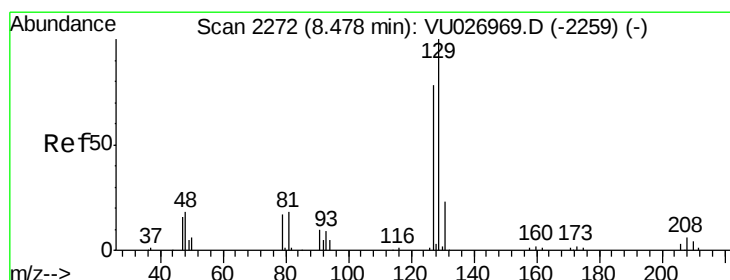
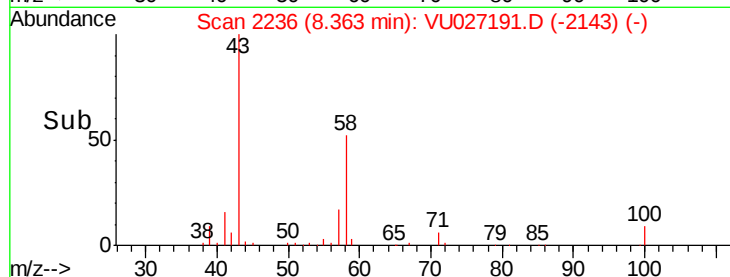
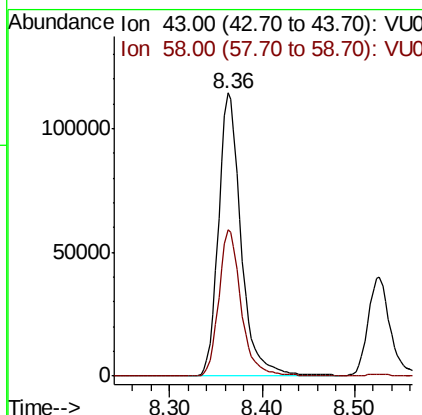
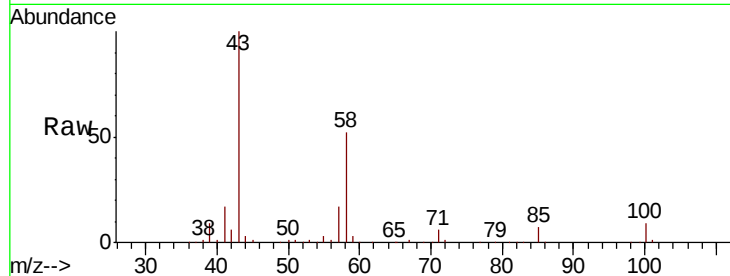




#59
 2-Hexanone
 Concen: 107.455 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

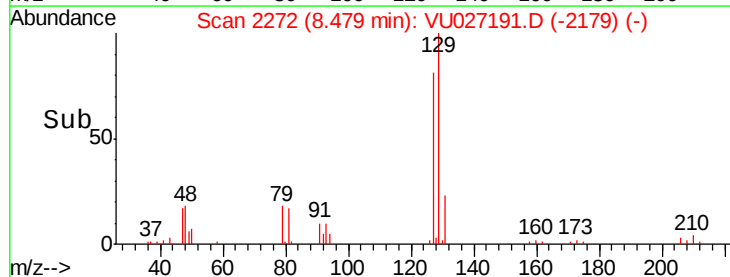
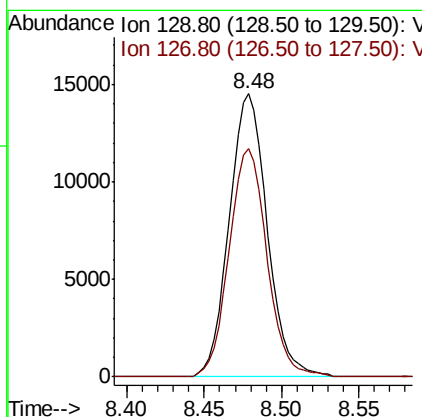
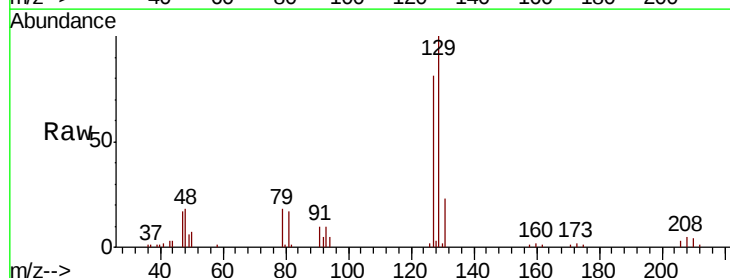
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

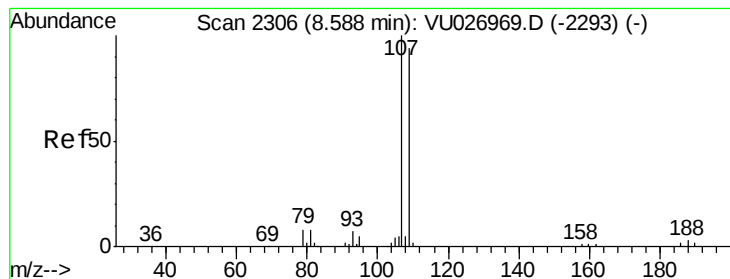
Tgt Ion: 43 Resp: 193702
 Ion Ratio Lower Upper
 43 100
 58 51.0 26.1 78.2



#60
 Dibromochloromethane
 Concen: 19.727 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion: 129 Resp: 24778
 Ion Ratio Lower Upper
 129 100
 127 80.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.429 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

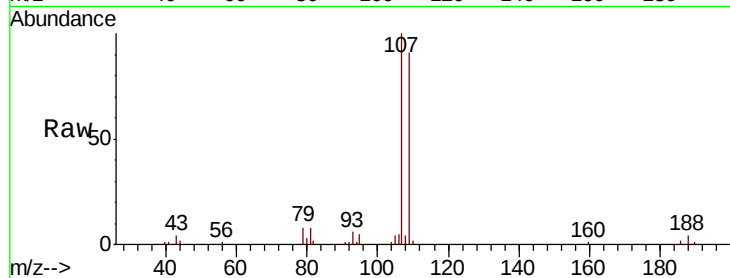
VU0926WBS03

Tgt Ion: 107 Resp: 25886

Ion Ratio Lower Upper

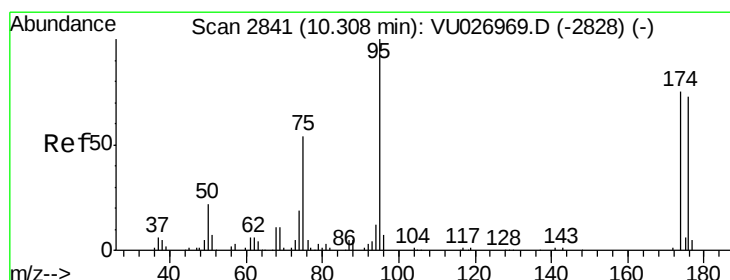
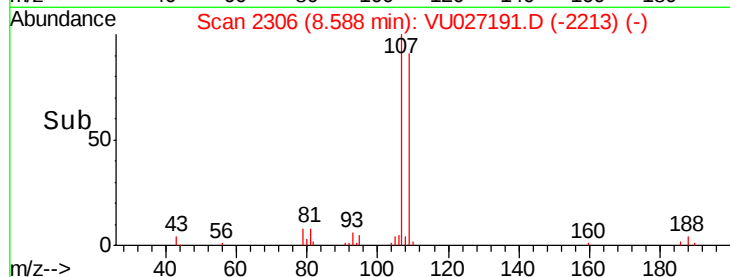
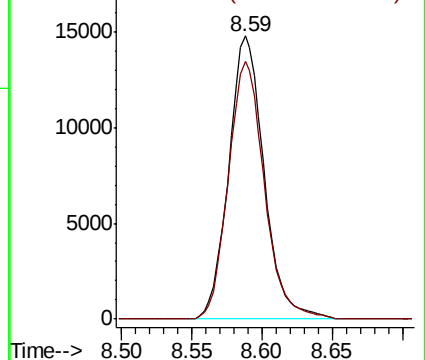
107 100

109 92.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.445 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

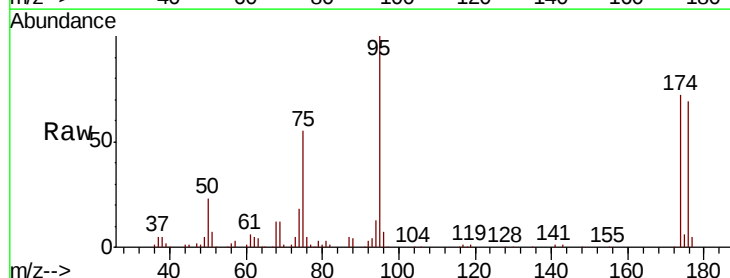
Tgt Ion: 95 Resp: 75778

Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.2

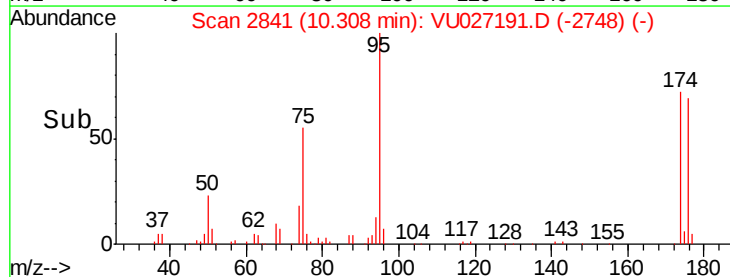
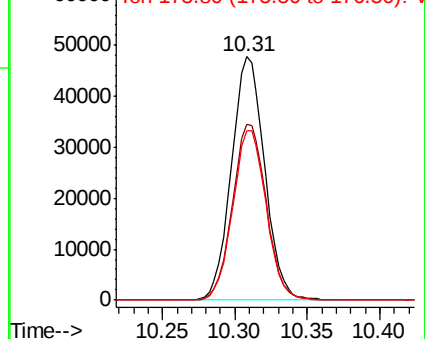
176 70.3 0.0 145.2

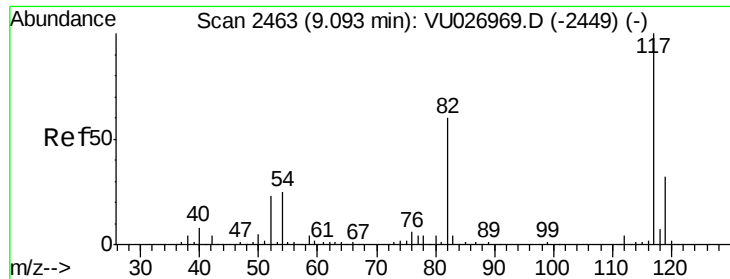


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

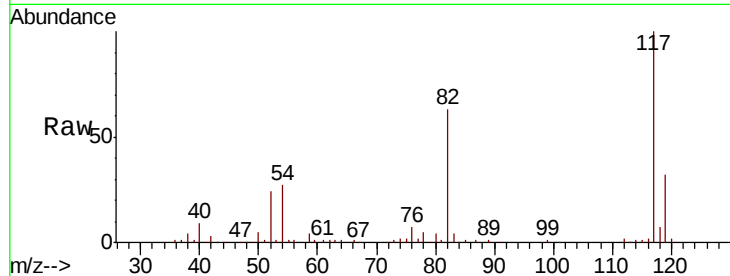




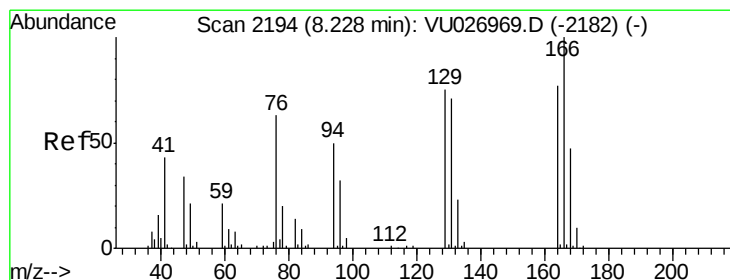
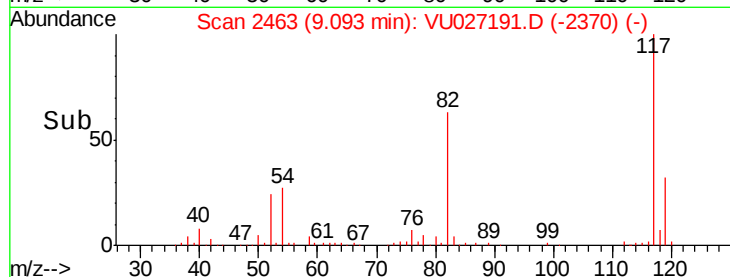
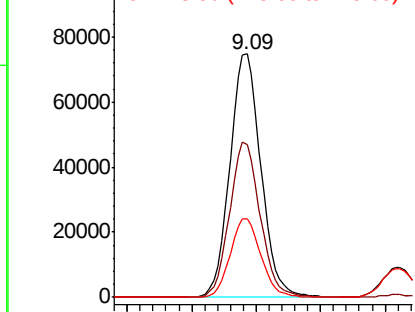
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

Tgt Ion:117 Resp: 125077
Ion Ratio Lower Upper
117 100
82 62.8 48.0 72.0
119 32.4 25.8 38.8



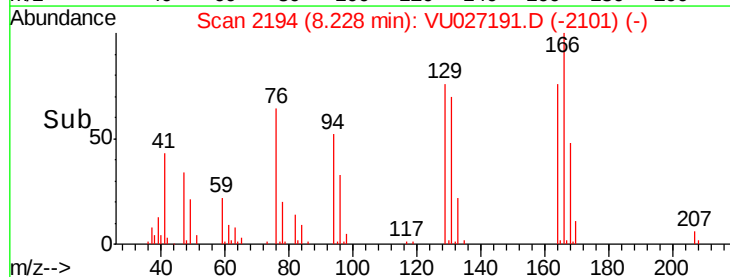
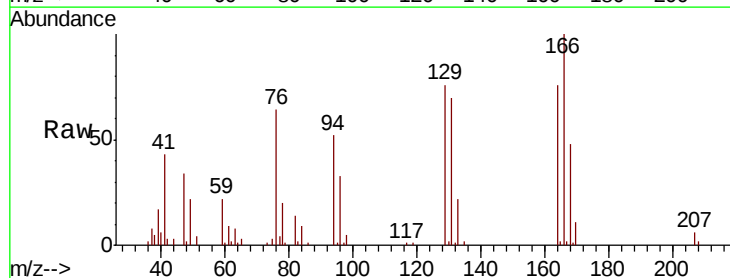
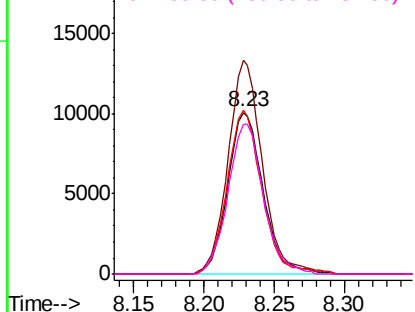
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

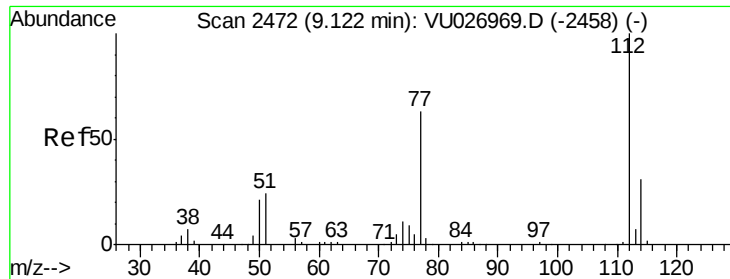


#64
Tetrachloroethene
Concen: 18.353 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion:164 Resp: 17689
Ion Ratio Lower Upper
164 100
166 132.4 104.4 156.6
129 101.2 78.7 118.1
131 92.6 73.9 110.9

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

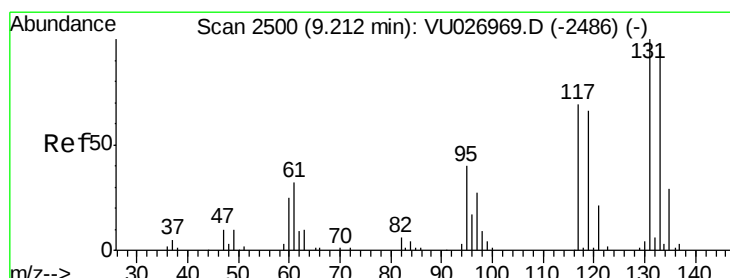
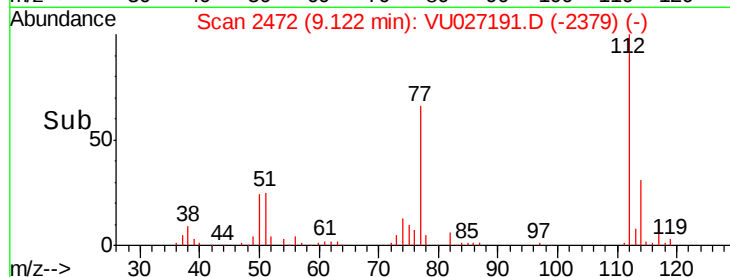
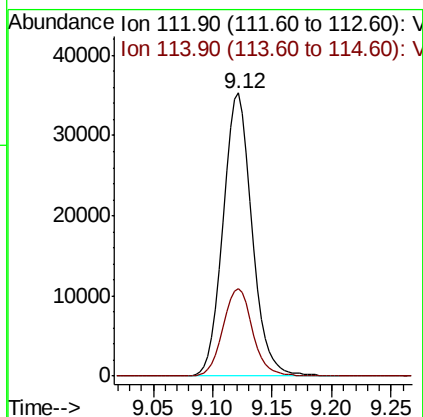
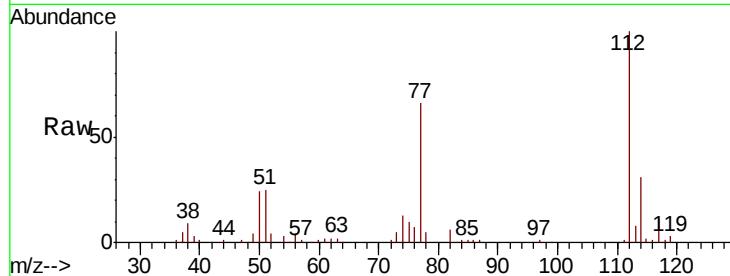




#65
Chlorobenzene
Concen: 17.942 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

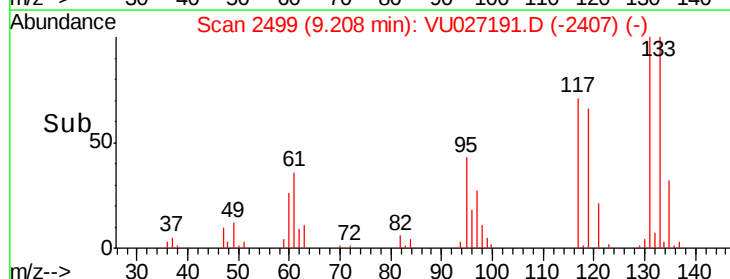
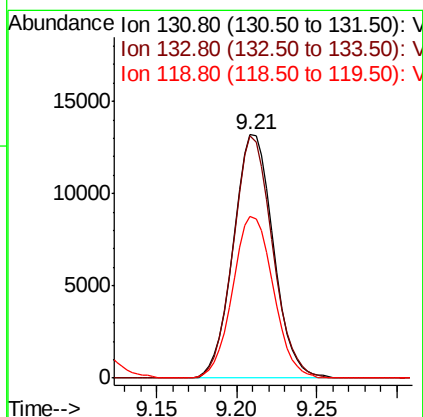
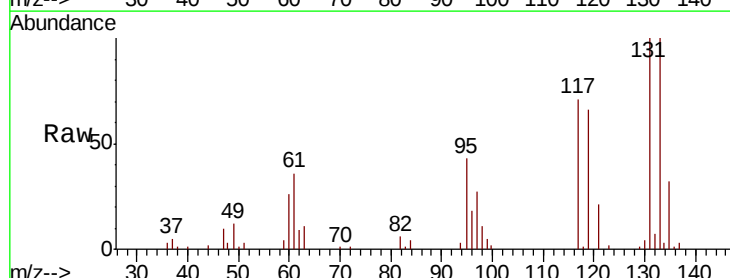
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

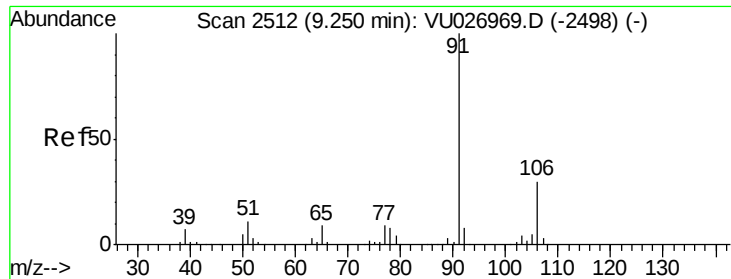
Tgt Ion:112 Resp: 59504
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.665 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion:131 Resp: 22463
Ion Ratio Lower Upper
131 100
133 97.6 48.0 144.2
119 67.5 33.4 100.1

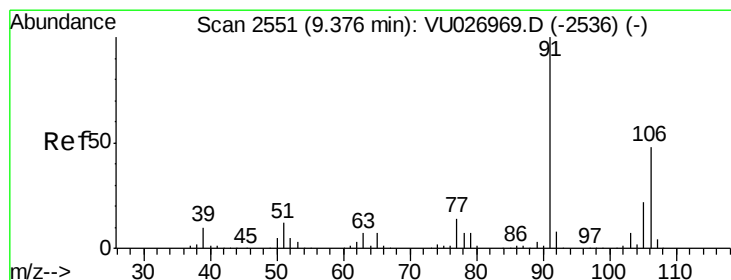
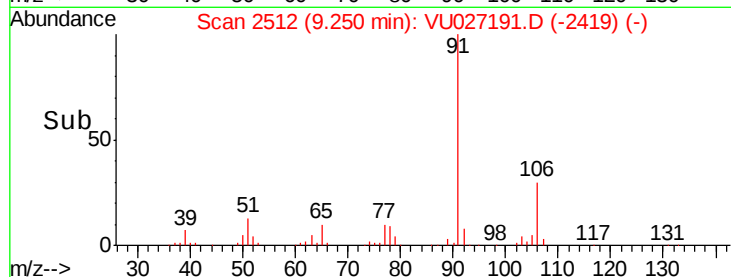
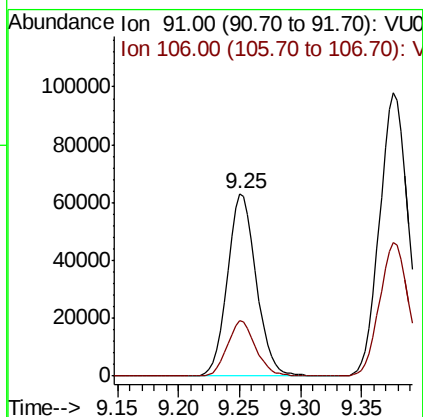
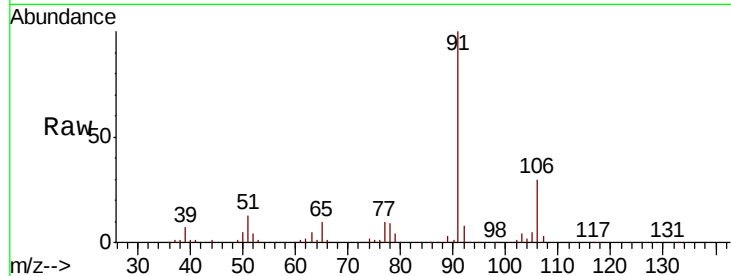




#67
Ethyl Benzene
Concen: 19.118 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

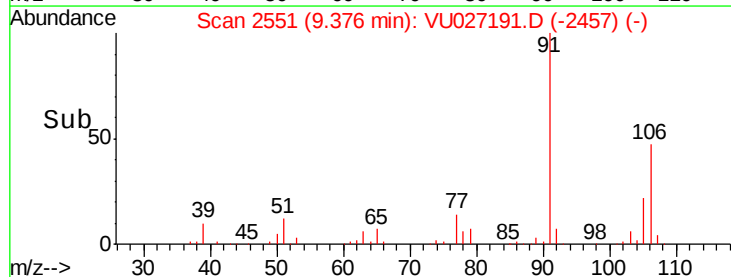
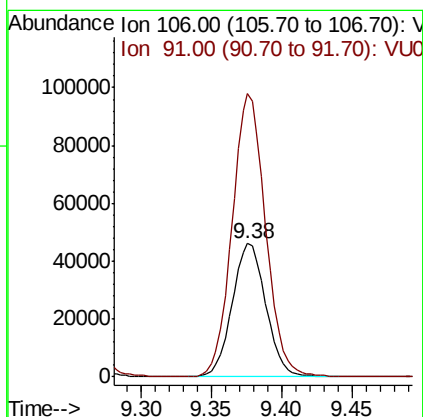
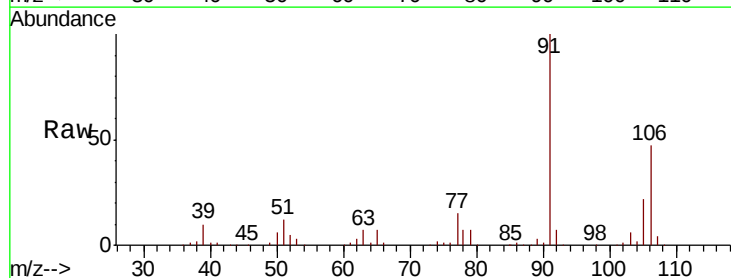
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

Tgt Ion: 91 Resp: 104260
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#68
m/p-Xylenes
Concen: 36.002 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion: 106 Resp: 77360
Ion Ratio Lower Upper
106 100
91 210.4 166.5 249.7

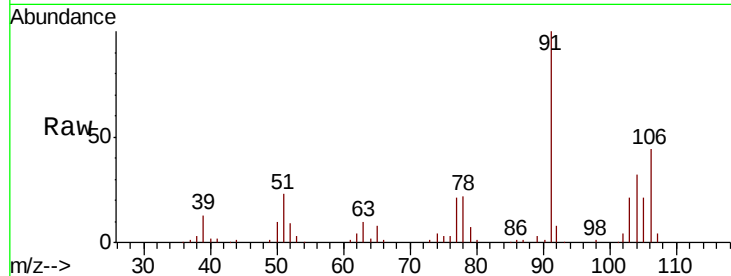




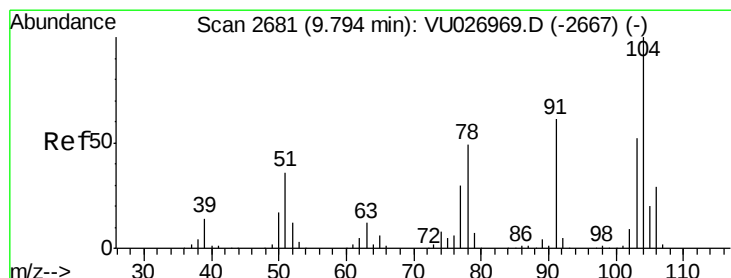
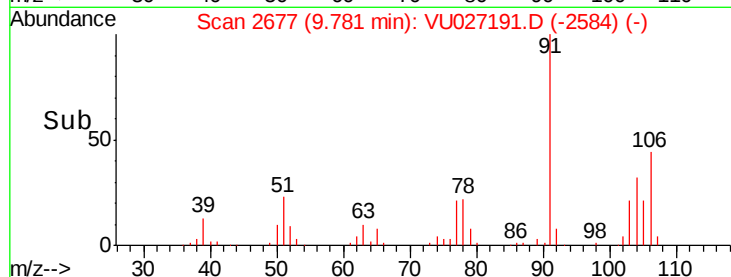
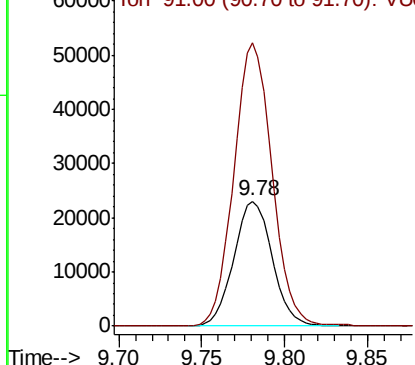
#69
o-Xylene
Concen: 19.275 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

Tgt Ion:106 Resp: 37244
Ion Ratio Lower Upper
106 100
91 225.2 110.2 330.6

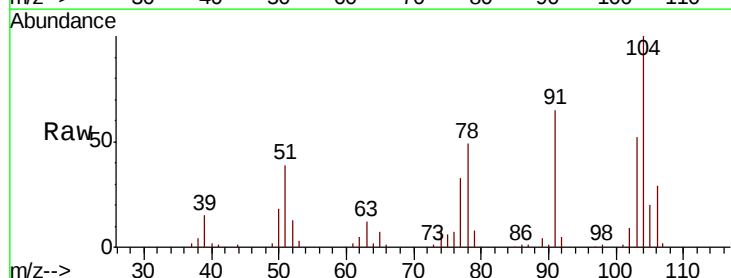


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

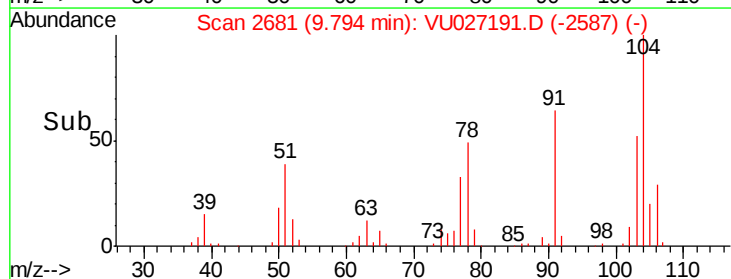
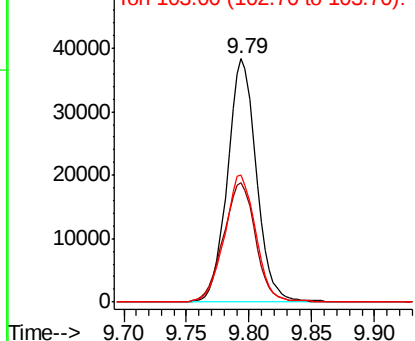


#70
Styrene
Concen: 18.208 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion:104 Resp: 61382
Ion Ratio Lower Upper
104 100
78 54.7 43.0 64.4
103 56.2 44.1 66.1



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





#71

Bromoform

Concen: 20.427 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

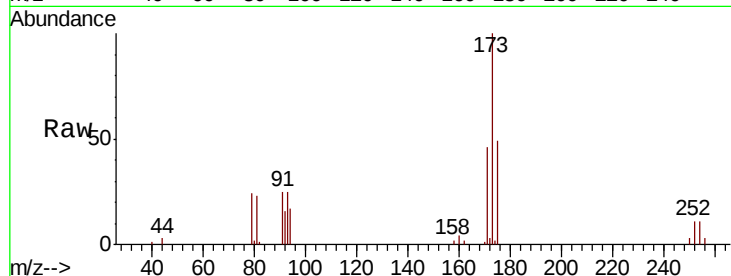
Tgt Ion:173 Resp: 18044

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.8

254 0.0 0.0 0.0

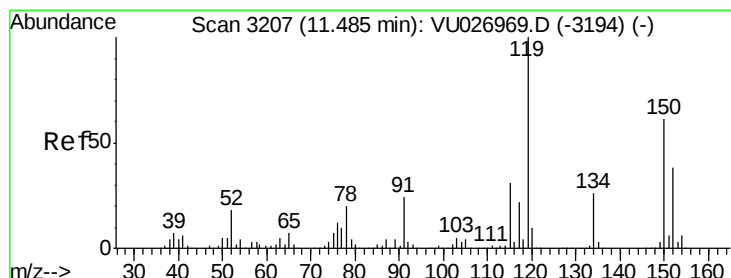
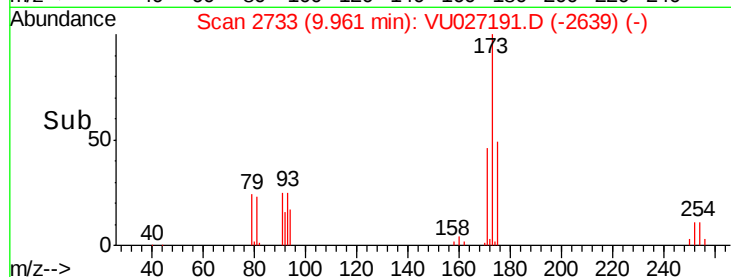
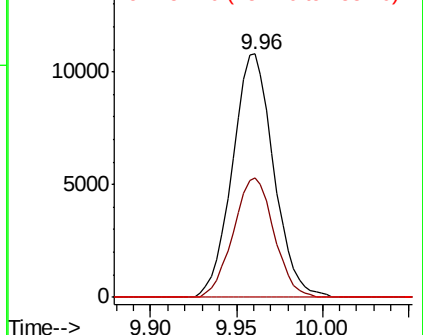


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

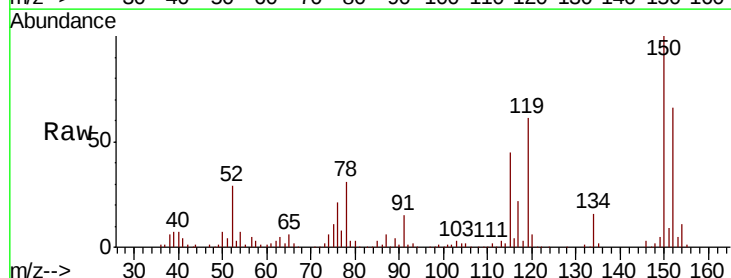
Tgt Ion:152 Resp: 66796

Ion Ratio Lower Upper

152 100

115 71.1 44.9 134.5

150 160.2 0.0 355.8

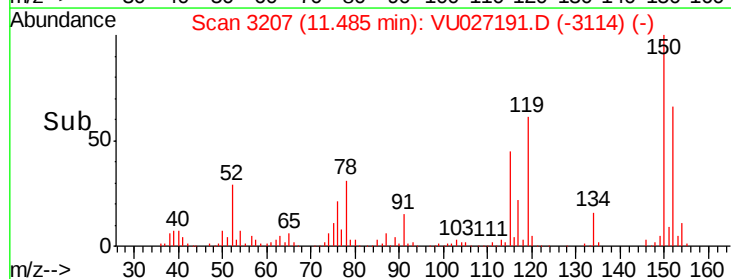
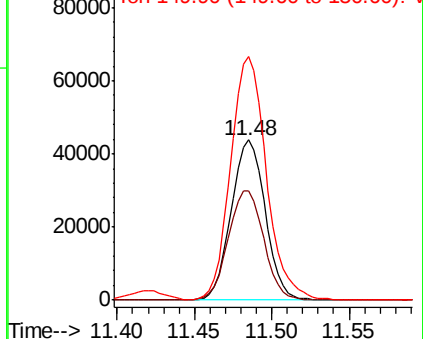


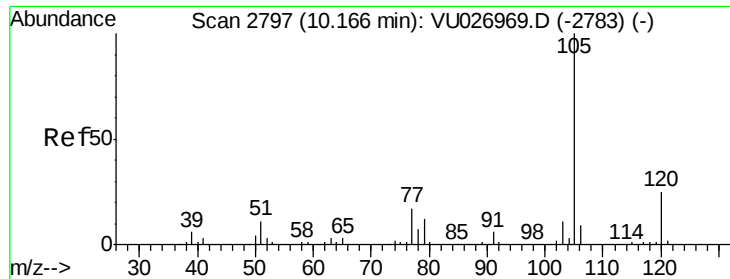
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.029 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

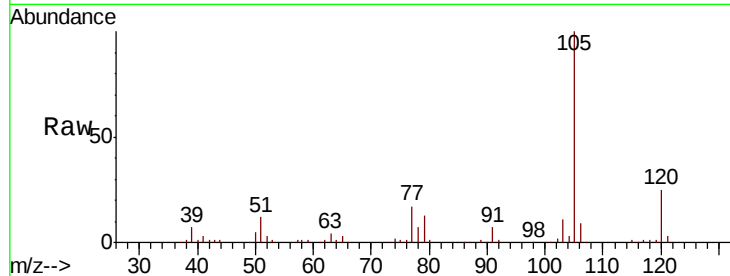
VU0926WBS03

Tgt Ion: 105 Resp: 101767

Ion Ratio Lower Upper

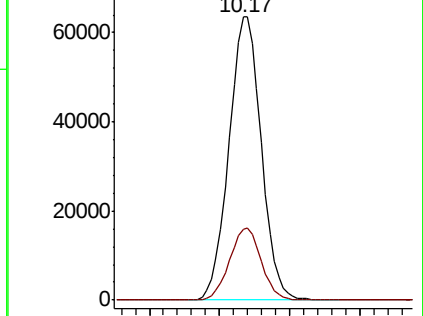
105 100

120 24.9 12.8 38.4

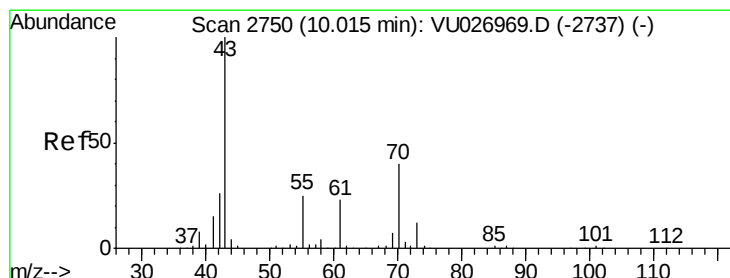
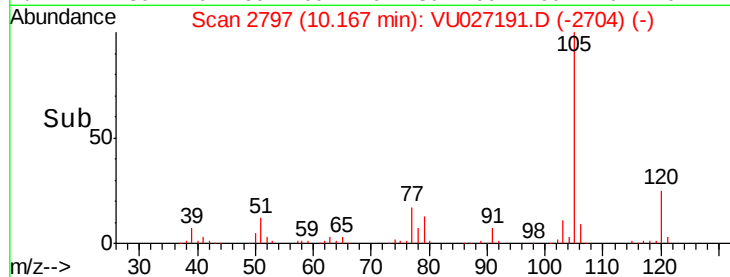


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 20.898 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Tgt Ion: 43 Resp: 61465

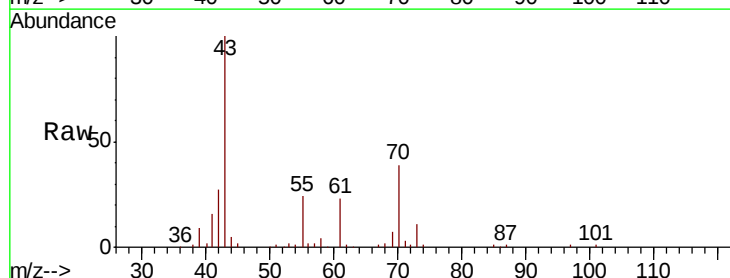
Ion Ratio Lower Upper

43 100

70 37.5 31.8 47.8

55 24.3 19.9 29.9

61 22.9 18.4 27.6

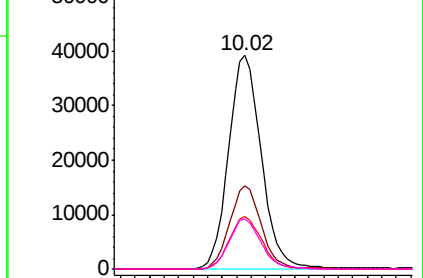


Abundance Ion 43.00 (42.70 to 43.70): VU0

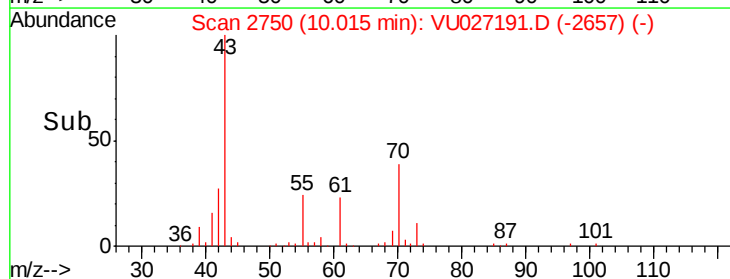
Ion 70.00 (69.70 to 70.70): VU0

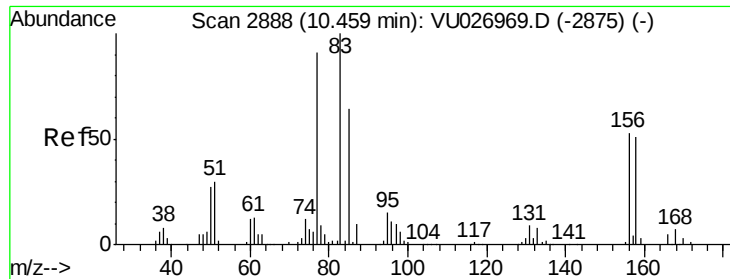
Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.644 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

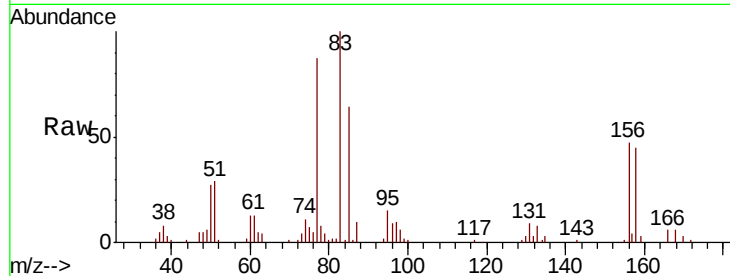
Tgt Ion: 83 Resp: 45892

Ion Ratio Lower Upper

83 100

131 7.9 4.3 12.8

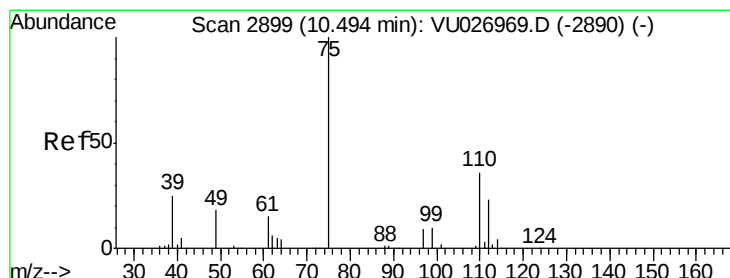
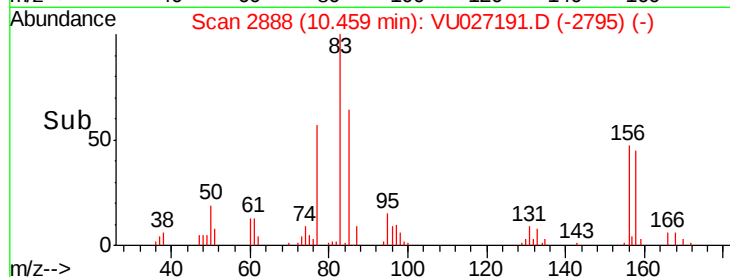
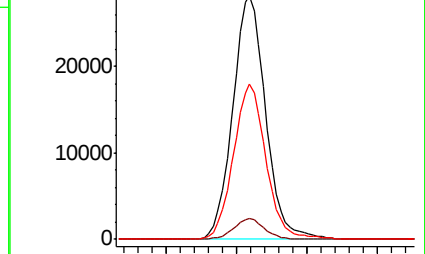
85 63.1 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU027191.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU027191.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU027191.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 25.124 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027191.D

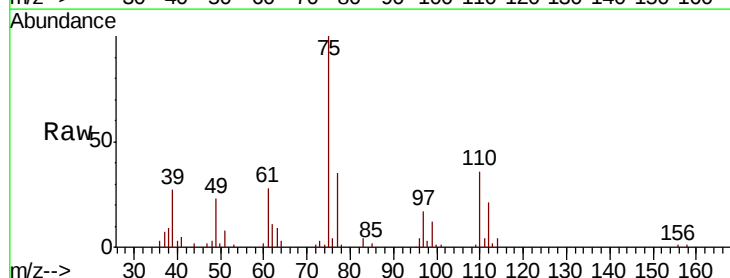
Acq: 26 Sep 2018 21:17

Tgt Ion: 75 Resp: 50982

Ion Ratio Lower Upper

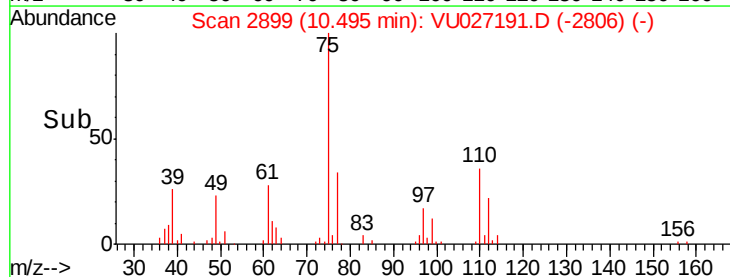
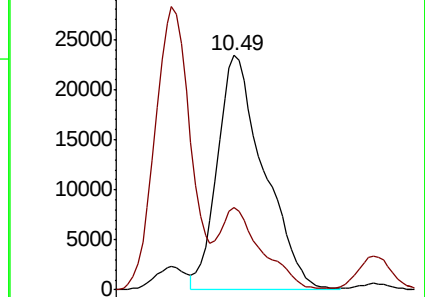
75 100

77 30.2 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027191.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027191.D (-2890) (-)





#77

Bromobenzene

Concen: 19.457 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

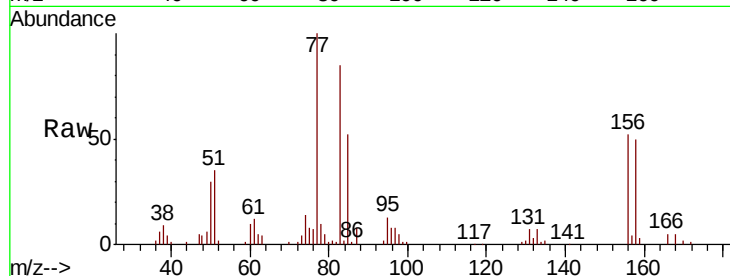
Tgt Ion:156 Resp: 24159

Ion Ratio Lower Upper

156 100

77 192.8 92.3 276.9

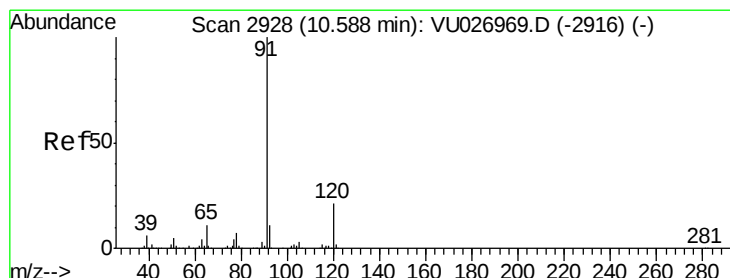
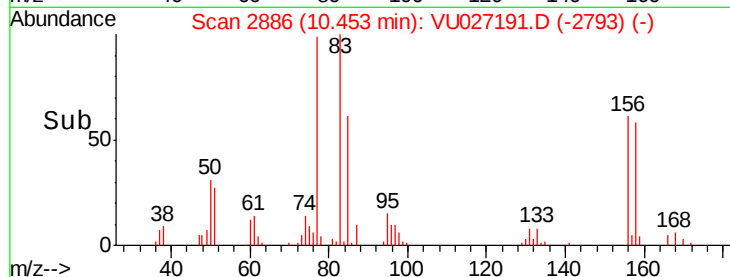
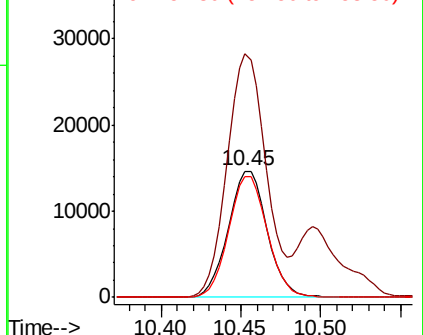
158 95.7 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.895 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027191.D

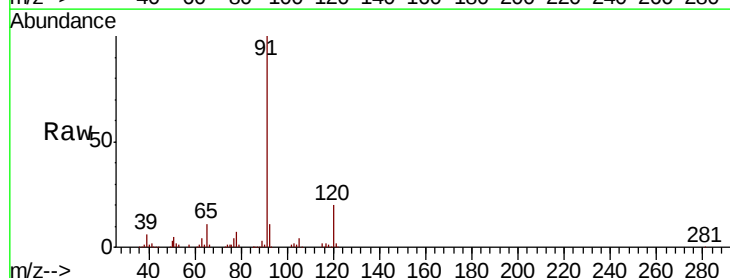
Acq: 26 Sep 2018 21:17

Tgt Ion: 91 Resp: 119610

Ion Ratio Lower Upper

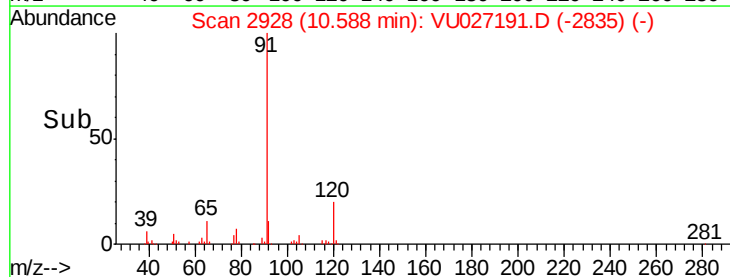
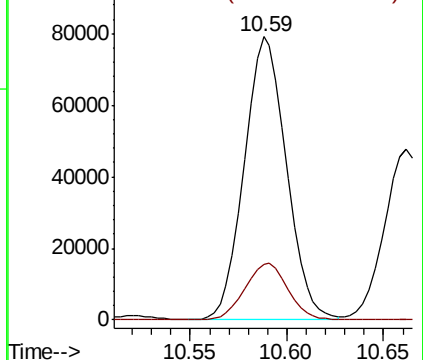
91 100

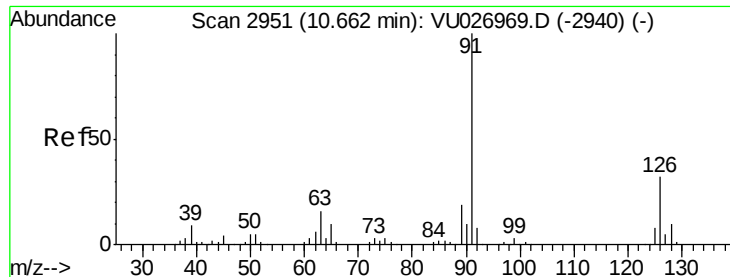
120 20.5 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

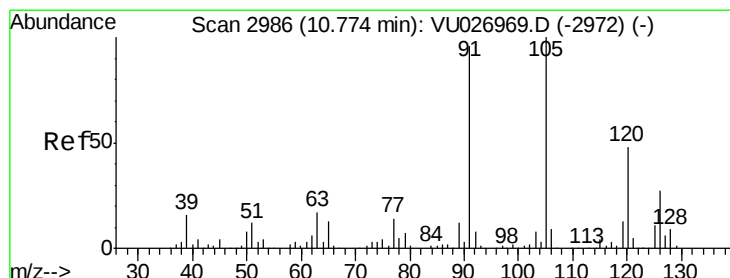
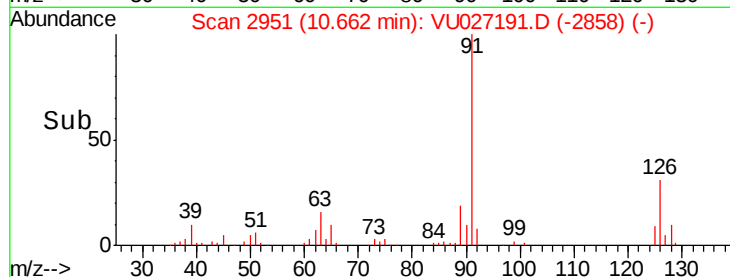
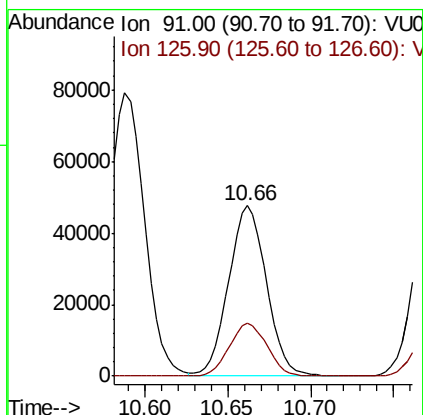
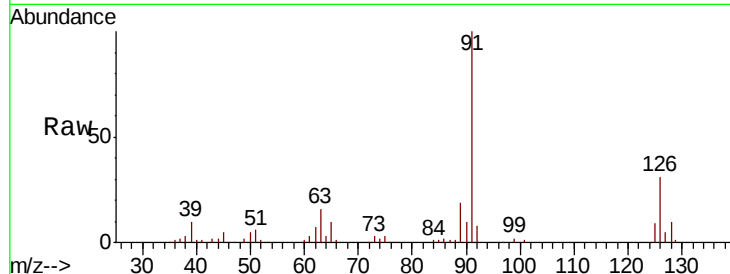




#79
 2-Chlorotoluene
 Concen: 19.856 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

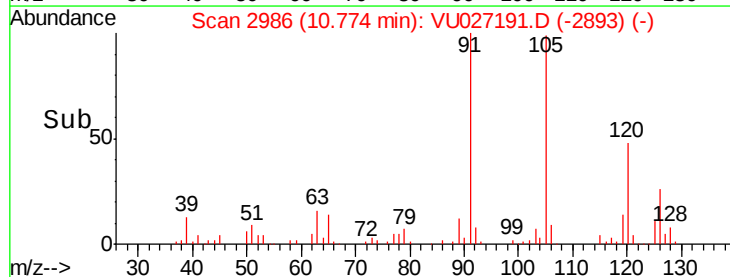
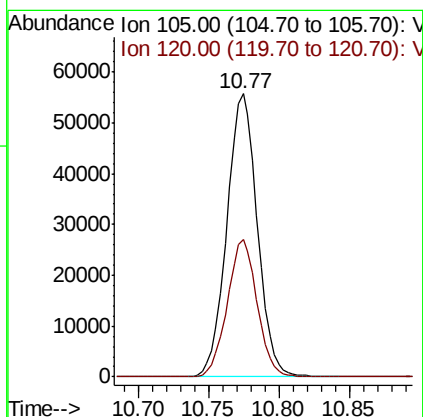
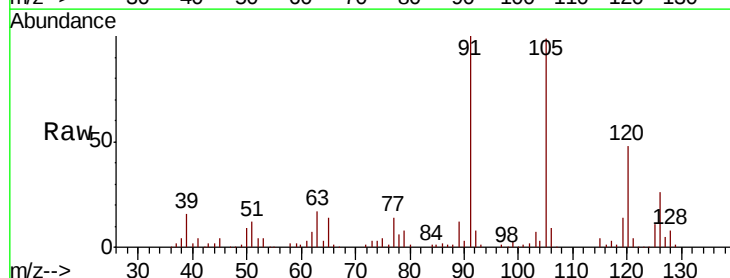
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

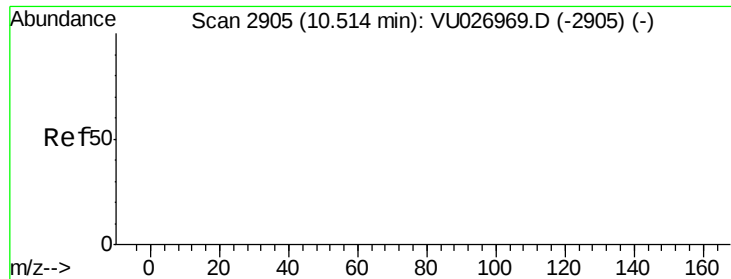
Tgt Ion: 91 Resp: 74983
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.017 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion: 105 Resp: 83959
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 80.400 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

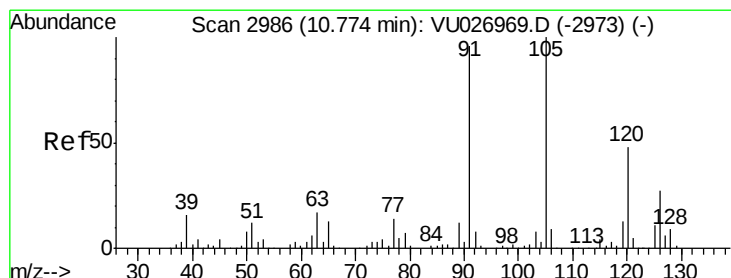
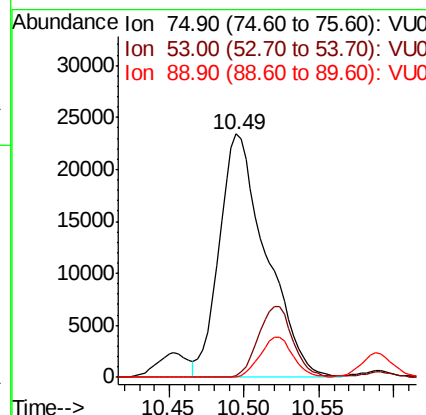
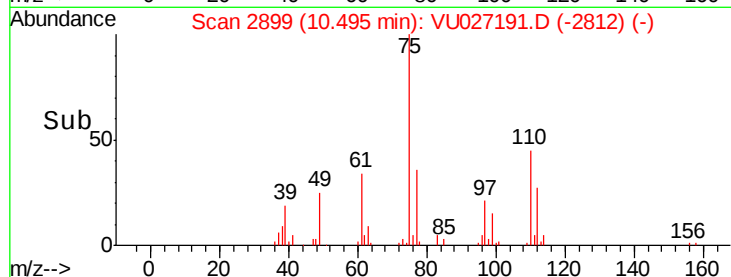
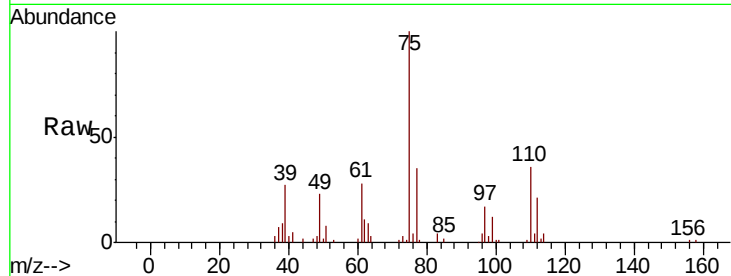
Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

Tgt Ion: 75 Resp: 50982

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 20.104 ug/l

RT: 10.77 min Scan# 2986

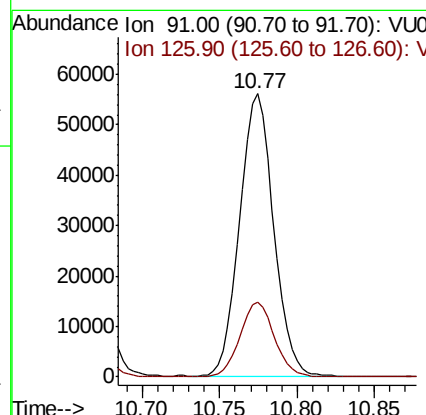
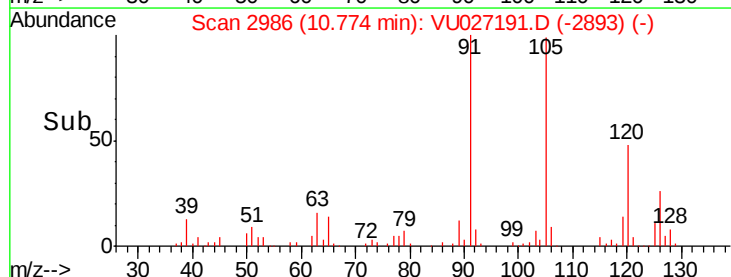
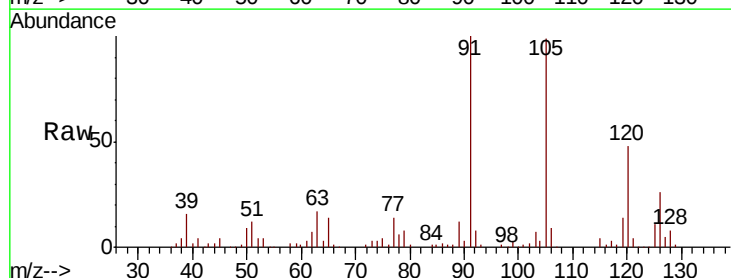
Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Tgt Ion: 91 Resp: 85130

Ion	Ratio	Lower	Upper
91	100		
126	26.8	14.1	42.2

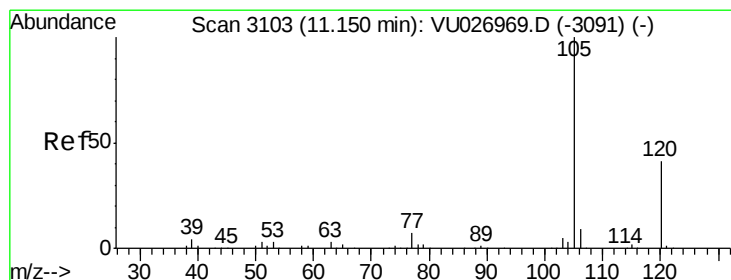
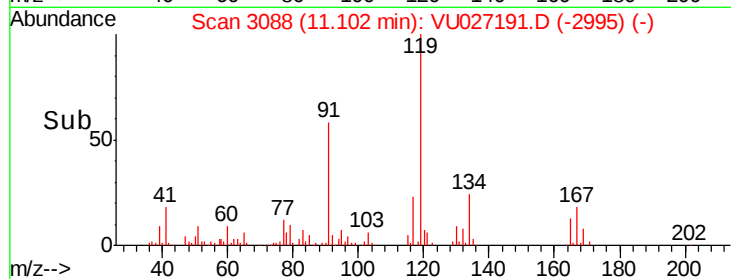
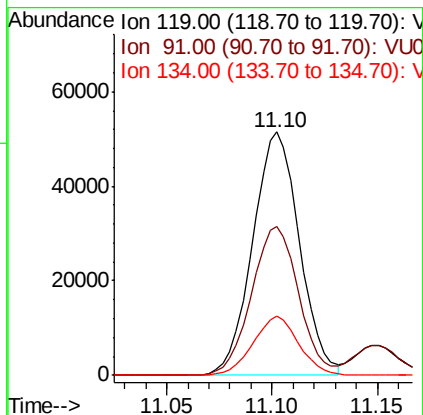
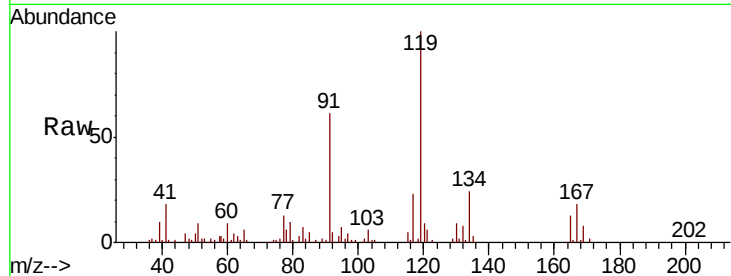




#83
 tert-Butylbenzene
 Concen: 19.179 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

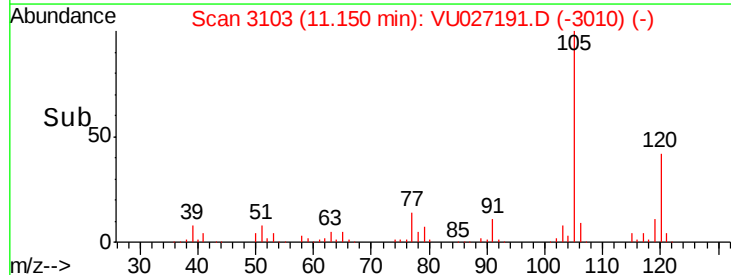
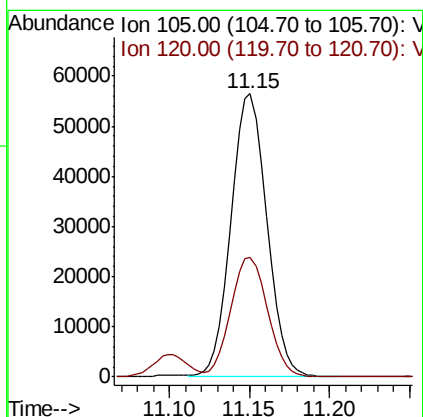
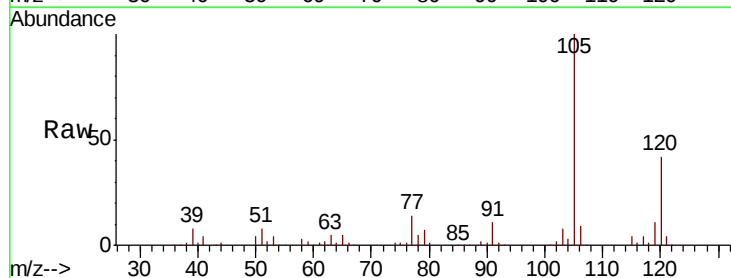
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

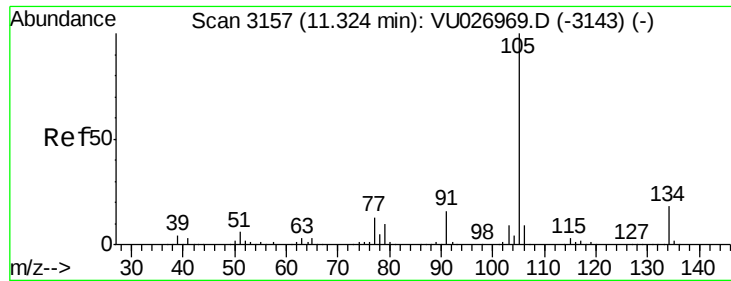
Tgt Ion:119 Resp: 79531
 Ion Ratio Lower Upper
 119 100
 91 61.9 29.8 89.4
 134 23.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.055 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion:105 Resp: 85606
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.2

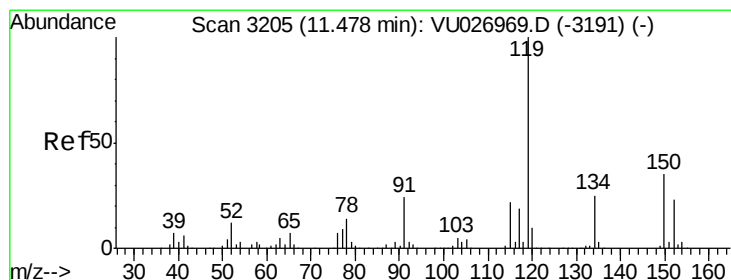
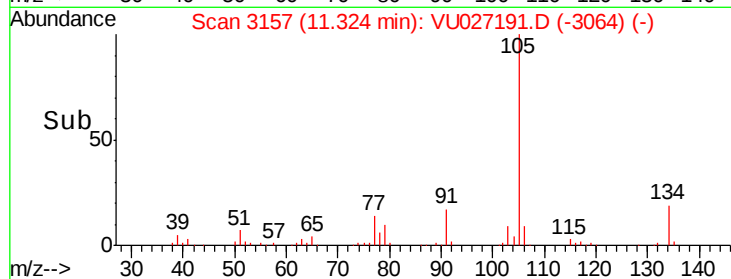
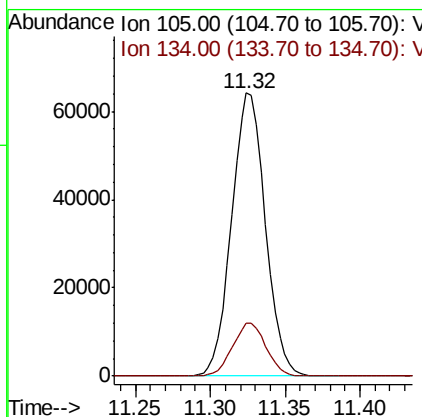
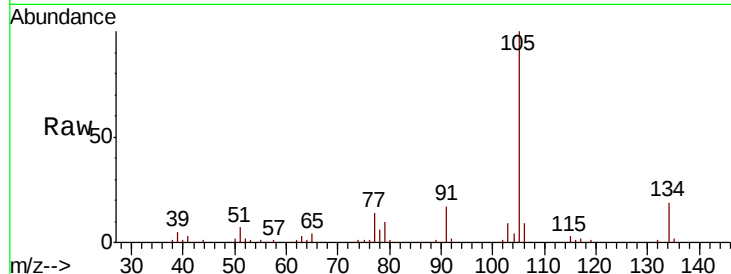




#85
 sec-Butylbenzene
 Concen: 19.901 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

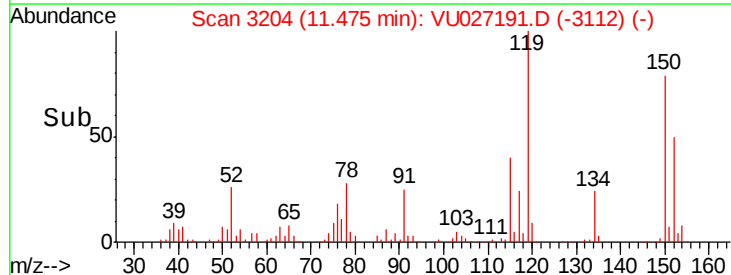
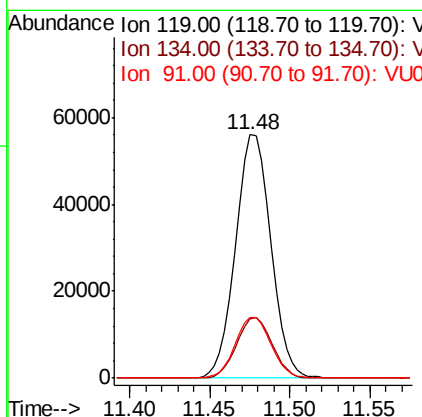
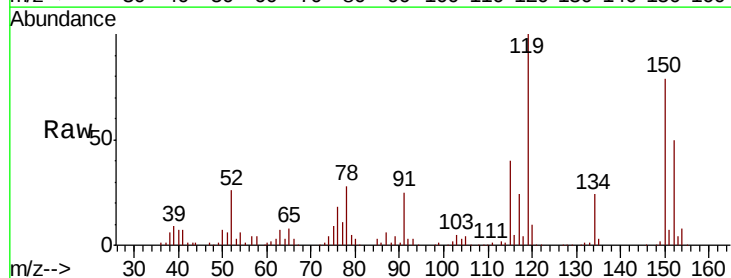
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

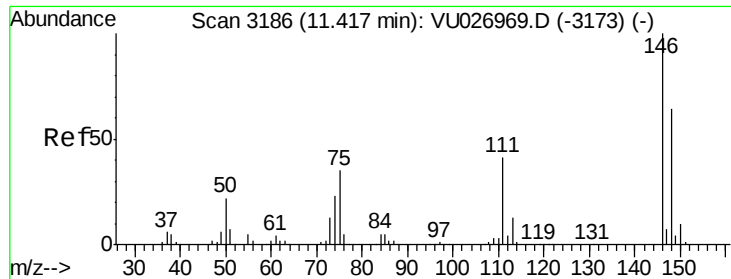
Tgt Ion:105 Resp: 100737
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 18.296 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion:119 Resp: 84055
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 25.4 12.3 36.8

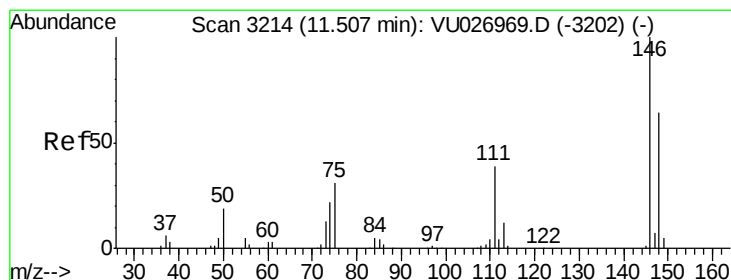
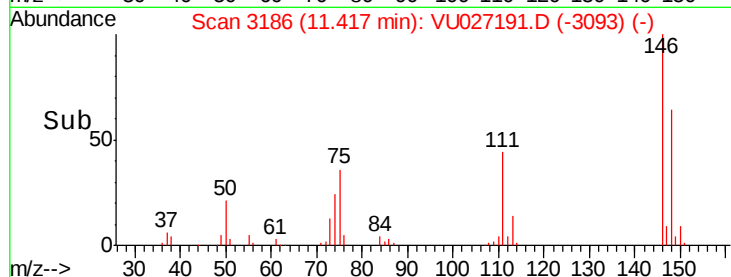
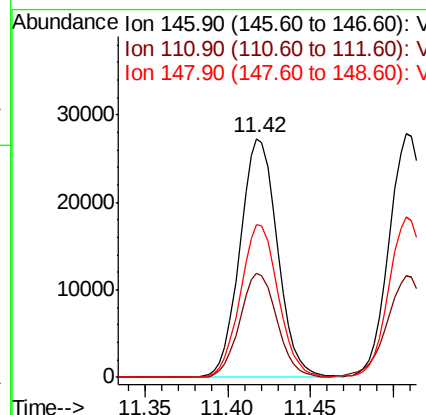
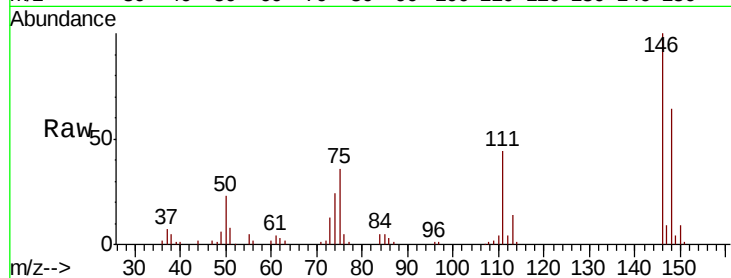




#87
 1,3-Dichlorobenzene
 Concen: 18.571 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

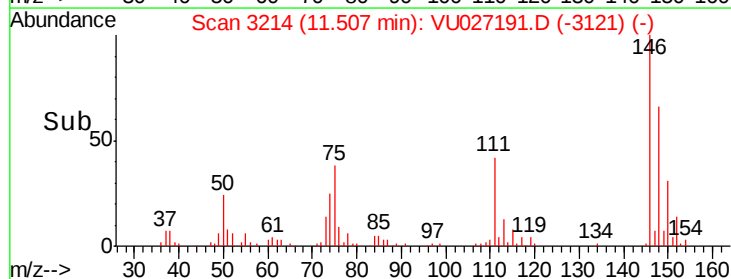
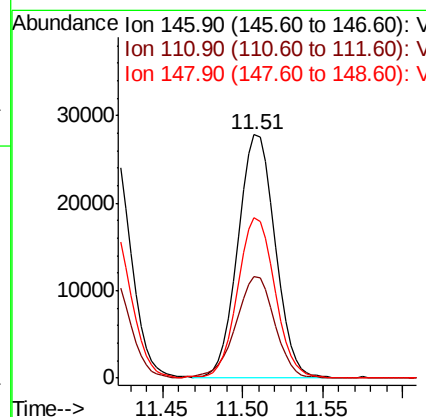
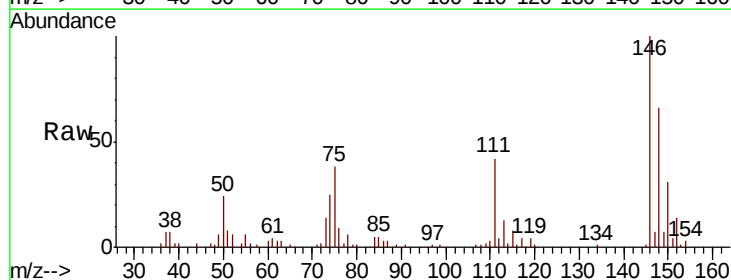
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

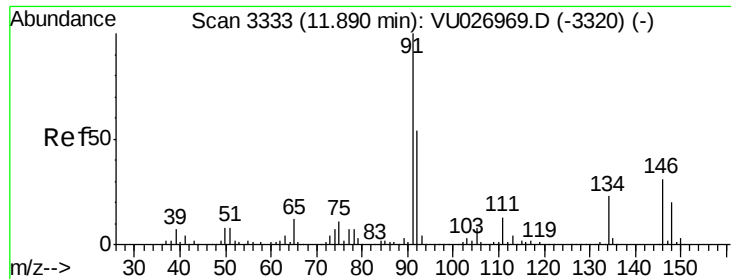
Tgt Ion:146 Resp: 42909
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.8 62.2
 148 64.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.567 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion:146 Resp: 44239
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.3 60.9
 148 66.1 31.9 95.9

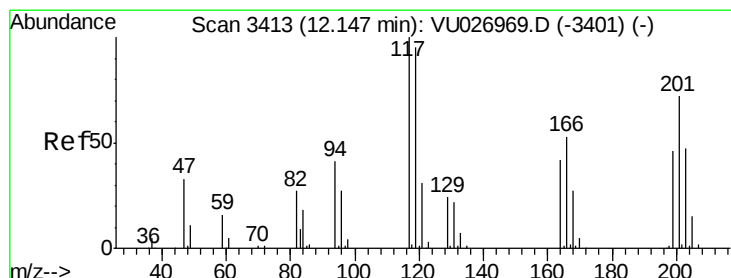
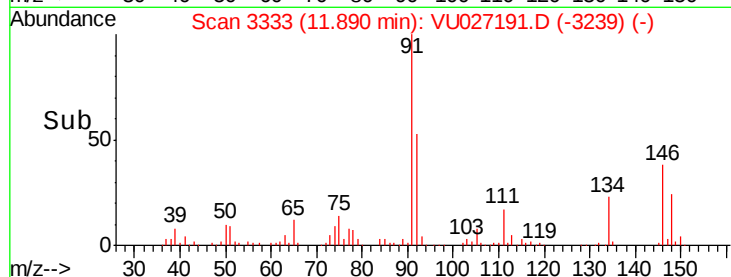
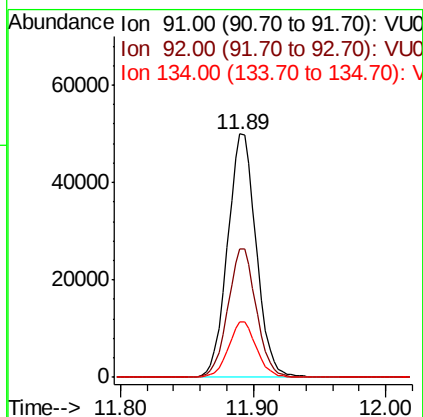
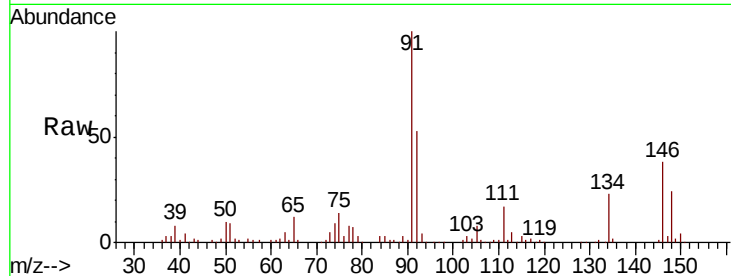




#89
n-Butylbenzene
Concen: 17.900 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

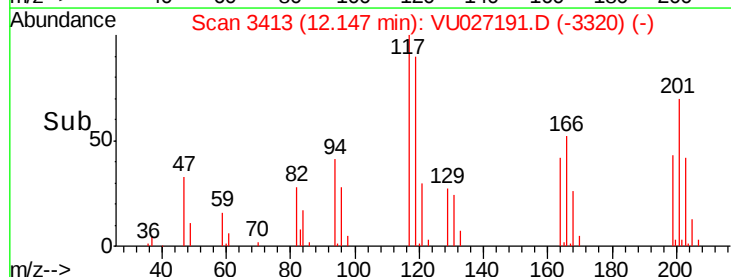
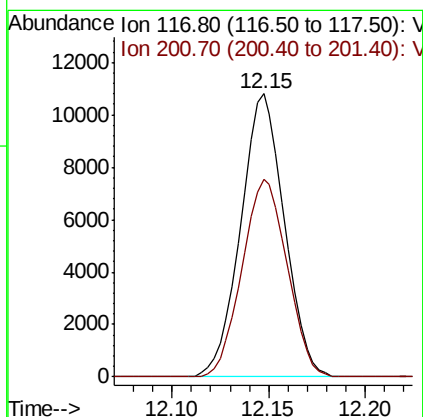
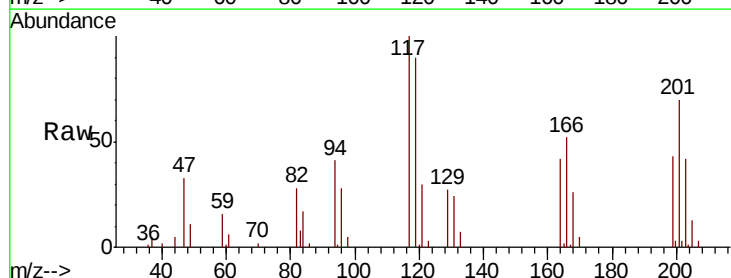
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

Tgt Ion: 91 Resp: 74992
Ion Ratio Lower Upper
91 100
92 52.2 27.1 81.2
134 22.2 11.7 35.0



#90
Hexachloroethane
Concen: 18.448 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion: 117 Resp: 16981
Ion Ratio Lower Upper
117 100
201 71.7 36.8 110.3





#91

1,2-Dichlorobenzene

Concen: 17.861 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS03

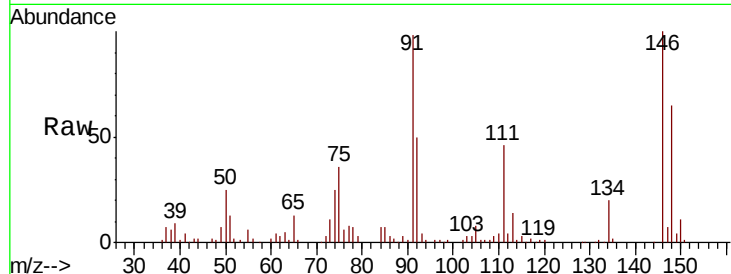
Tgt Ion:146 Resp: 43837

Ion Ratio Lower Upper

146 100

111 46.0 21.8 65.3

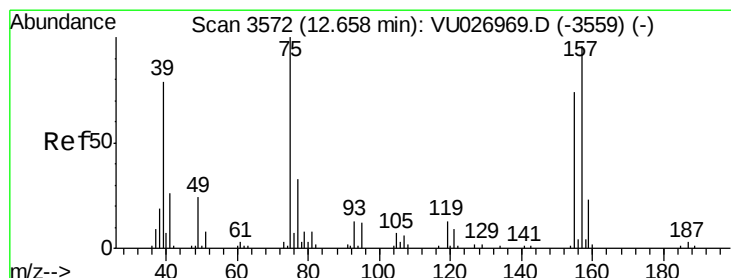
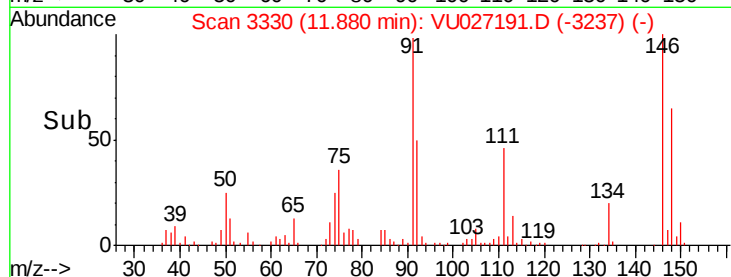
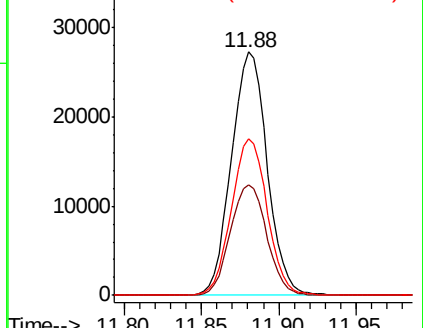
148 64.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.855 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU027191.D

Acq: 26 Sep 2018 21:17

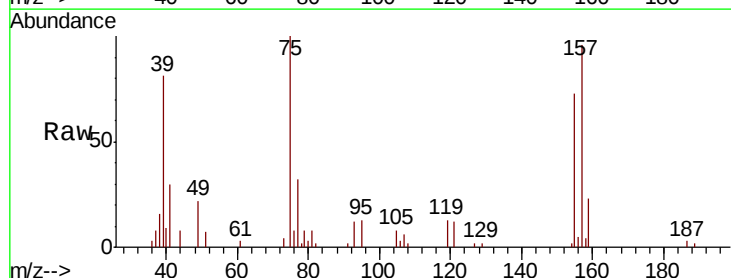
Tgt Ion: 75 Resp: 9939

Ion Ratio Lower Upper

75 100

155 72.4 36.6 109.8

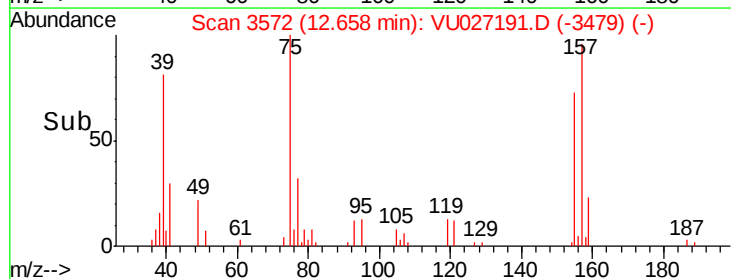
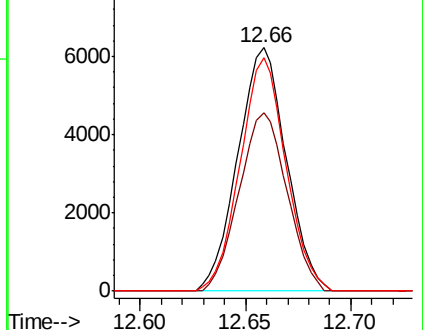
157 90.7 47.4 142.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

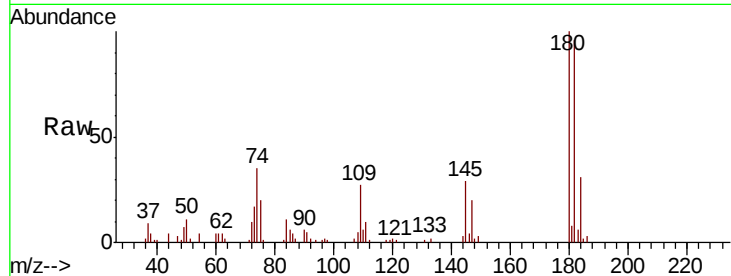




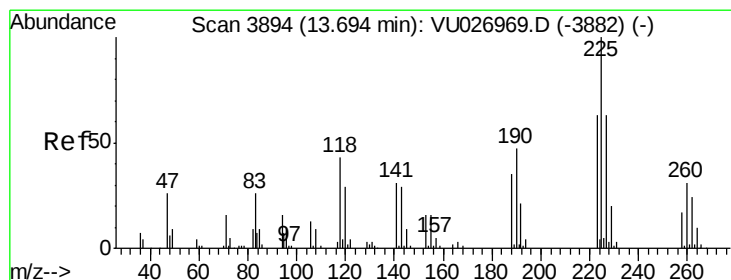
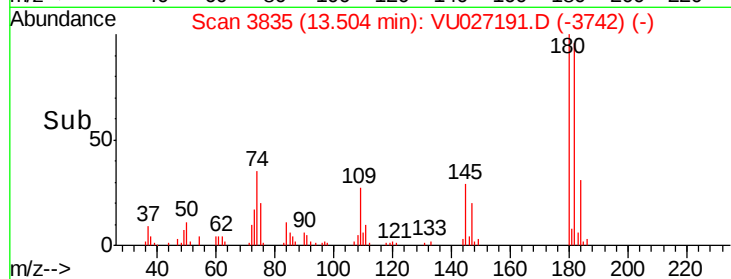
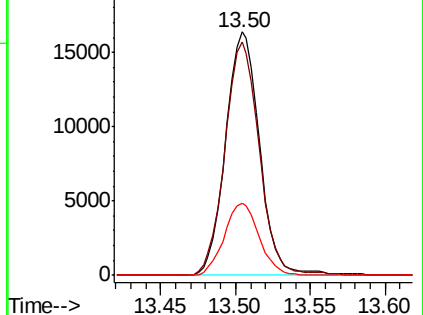
#93
 1,2,4-Trichlorobenzene
 Concen: 18.281 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS03

Tgt Ion:180 Resp: 25856
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.4 142.2
 145 30.1 14.9 44.5

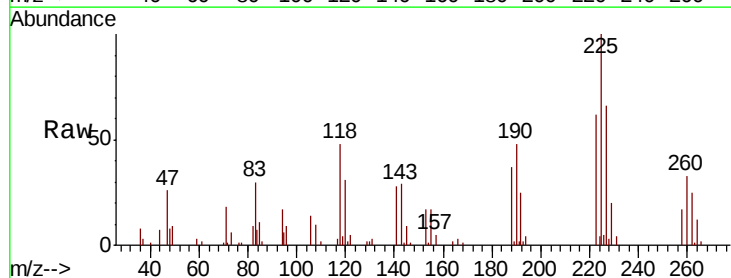


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

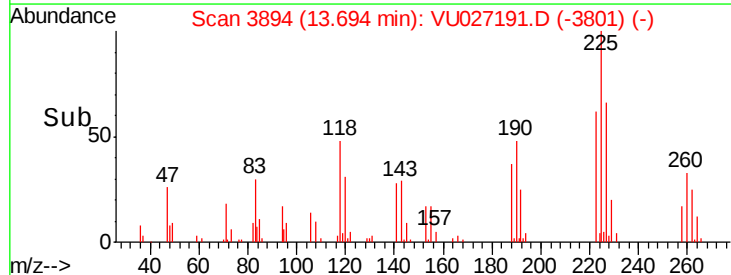
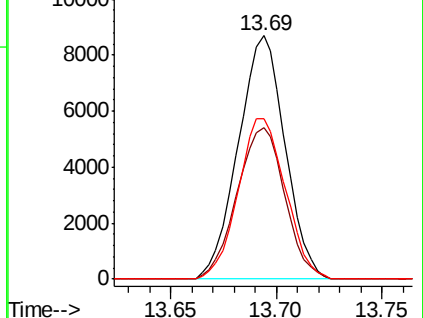


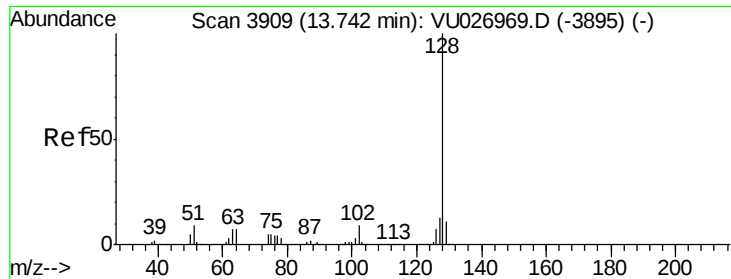
#94
 Hexachlorobutadiene
 Concen: 17.919 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027191.D
 Acq: 26 Sep 2018 21:17

Tgt Ion:225 Resp: 13410
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.9 95.7
 227 66.7 32.1 96.5



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

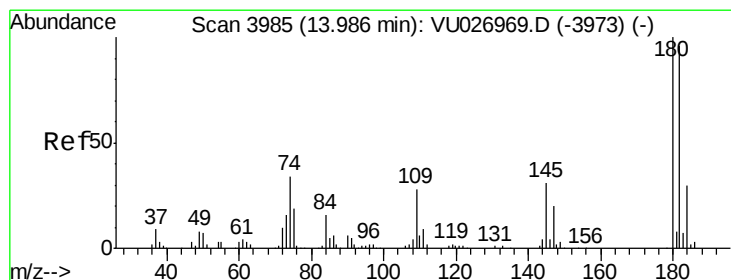
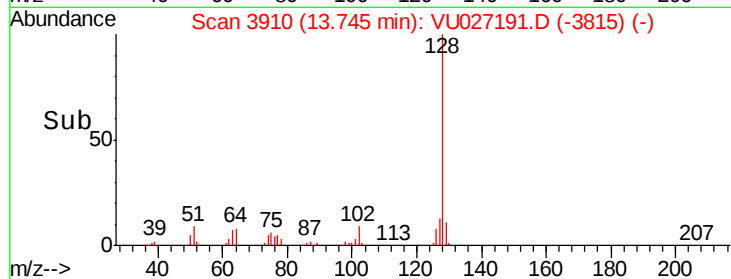
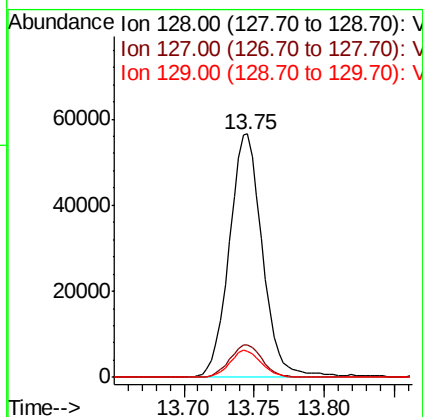
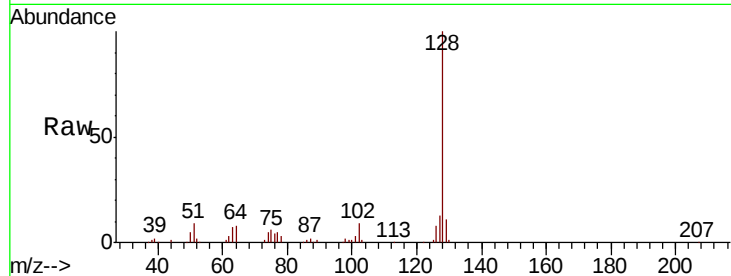




#95
Naphthalene
Concen: 17.895 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS03

Tgt Ion:128 Resp: 92754
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.983 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027191.D
Acq: 26 Sep 2018 21:17

Tgt Ion:180 Resp: 28793
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 31.6 15.4 46.4

