

Data File : VU027089.D
Acq On : 23 Sep 2018 21:52
Operator : MD/SY
Sample : J4954-11MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 133 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

Quant Time: Sep 24 07:18:59 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	76899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	136613	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	135280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73868	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	85288	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	4.88	113	58372	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	7.57	98	228303	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	10.31	95	81245	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	48888	48.692	ug/l	100
3) Chloromethane	1.33	50	84122	48.596	ug/l	100
4) Vinyl Chloride	1.40	62	80985	50.120	ug/l	99
5) Bromomethane	1.62	94	41801	45.428	ug/l	100
6) Chloroethane	1.70	64	53910	52.217	ug/l	99
7) Trichlorofluoromethane	1.89	101	94112	51.281	ug/l	98
8) Diethyl Ether	2.11	74	46453	52.588	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	54865	48.621	ug/l	99
10) Methyl Iodide	2.41	142	51757	36.982	ug/l	99
11) Tert butyl alcohol	2.82	59	88123	248.410	ug/l	98
12) 1,1-Dichloroethene	2.29	96	53482	50.355	ug/l	99
13) Acrolein	2.20	56	44298	231.644	ug/l	100
14) Allyl chloride	2.59	41	115141	53.450	ug/l	96
15) Acrylonitrile	2.94	53	253623	283.662	ug/l	98
16) Acetone	2.32	43	230276	282.234	ug/l	99
17) Carbon Disulfide	2.48	76	169943	49.117	ug/l	100
18) Methyl Acetate	2.62	43	97813	44.402	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	221380	56.722	ug/l	100
20) Methylene Chloride	2.70	84	70127	50.593	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	59718	52.663	ug/l	99
22) Diisopropyl ether	3.57	45	274981	59.680	ug/l	97
23) Vinyl Acetate	3.53	43	830226	211.382	ug/l	99
24) 1,1-Dichloroethane	3.45	63	139446	54.950	ug/l	99
25) 2-Butanone	4.26	43	363794	279.694	ug/l	98
26) 2,2-Dichloropropane	4.23	77	57410	29.008	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	69431	54.217	ug/l	96
28) Bromochloromethane	4.55	49	74551	60.944	ug/l	94
29) Tetrahydrofuran	4.64	42	237992	302.471	ug/l	97
30) Chloroform	4.67	83	124667	52.924	ug/l	100
31) Cyclohexane	5.00	56	126907	55.073	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	102458	54.477	ug/l	99
36) 1,1-Dichloropropene	5.14	75	92430	50.695	ug/l	99
37) Ethyl Acetate	4.38	43	100332	40.650	ug/l	99
38) Carbon Tetrachloride	5.14	117	86883	50.075	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	102991	51.980	ug/l	98
40) Benzene	5.39	78	282772	51.017	ug/l	100
41) Methacrylonitrile	4.54	41	75259	58.711	ug/l	98
42) 1,2-Dichloroethane	5.40	62	109742	52.405	ug/l	98
43) Isopropyl Acetate	5.55	43	169424	47.068	ug/l	99
44) Trichloroethene	6.19	130	59141	50.120	ug/l	99
45) 1,2-Dichloropropane	6.43	63	84432	53.462	ug/l	99
46) Dibromomethane	6.56	93	48774	51.136	ug/l	97
47) Bromodichloromethane	6.76	83	98931	51.295	ug/l	98
48) Methyl methacrylate	6.62	41	102888	52.465	ug/l	99
49) 1,4-Dioxane	6.61	88	32818	843.195	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	700814	289.481	ug/l	99
52) Toluene	7.64	92	169069	53.216	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	104870	50.609	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	108252	47.512	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	68641	50.989	ug/l	97
56) Ethyl methacrylate	8.02	69	117589	50.327	ug/l	98
57) 1,3-Dichloropropane	8.24	76	134562	53.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.27	63	552	5.270	ug/l #	52
59) 2-Hexanone	8.36	43	538762	284.299	ug/l	99
60) Dibromochloromethane	8.48	129	69569	52.685	ug/l	98
61) 1,2-Dibromoethane	8.59	107	72179	51.532	ug/l	99
64) Tetrachloroethene	8.23	164	47668	45.728	ug/l	97
65) Chlorobenzene	9.12	112	171320	47.762	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	62734	50.777	ug/l	99
67) Ethyl Benzene	9.25	91	315161	53.432	ug/l	99
68) m/p-Xylenes	9.38	106	234233	98.086	ug/l	98
69) o-Xylene	9.78	106	113572	54.344	ug/l	99
70) Styrene	9.79	104	178759	45.962	ug/l	98
71) Bromoform	9.96	173	50317	52.666	ug/l #	99
73) Isopropylbenzene	10.17	105	304622	54.212	ug/l	100
74) N-amyl acetate	10.01	43	131061	40.295	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	123180	47.680	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	141246	62.941	ug/l	84
77) Bromobenzene	10.45	156	67560	49.202	ug/l	92
78) n-propylbenzene	10.59	91	364958	54.892	ug/l	99
79) 2-Chlorotoluene	10.66	91	216966	51.953	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	253784	54.714	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	141246	201.423	ug/l #	100
82) 4-Chlorotoluene	10.77	91	249225	53.222	ug/l	98
83) tert-Butylbenzene	11.10	119	242083	52.790	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	259243	54.919	ug/l	99
85) sec-Butylbenzene	11.32	105	304911	54.469	ug/l	99
86) p-Isopropyltoluene	11.48	119	258194	49.170	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	124277	48.637	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	126407	45.390	ug/l	99
89) n-Butylbenzene	11.89	91	231032	45.594	ug/l	100
90) Hexachloroethane	12.15	117	48723	47.864	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	127235	46.876	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28030	53.184	ug/l	94

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

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SA-SW204-20180914MS

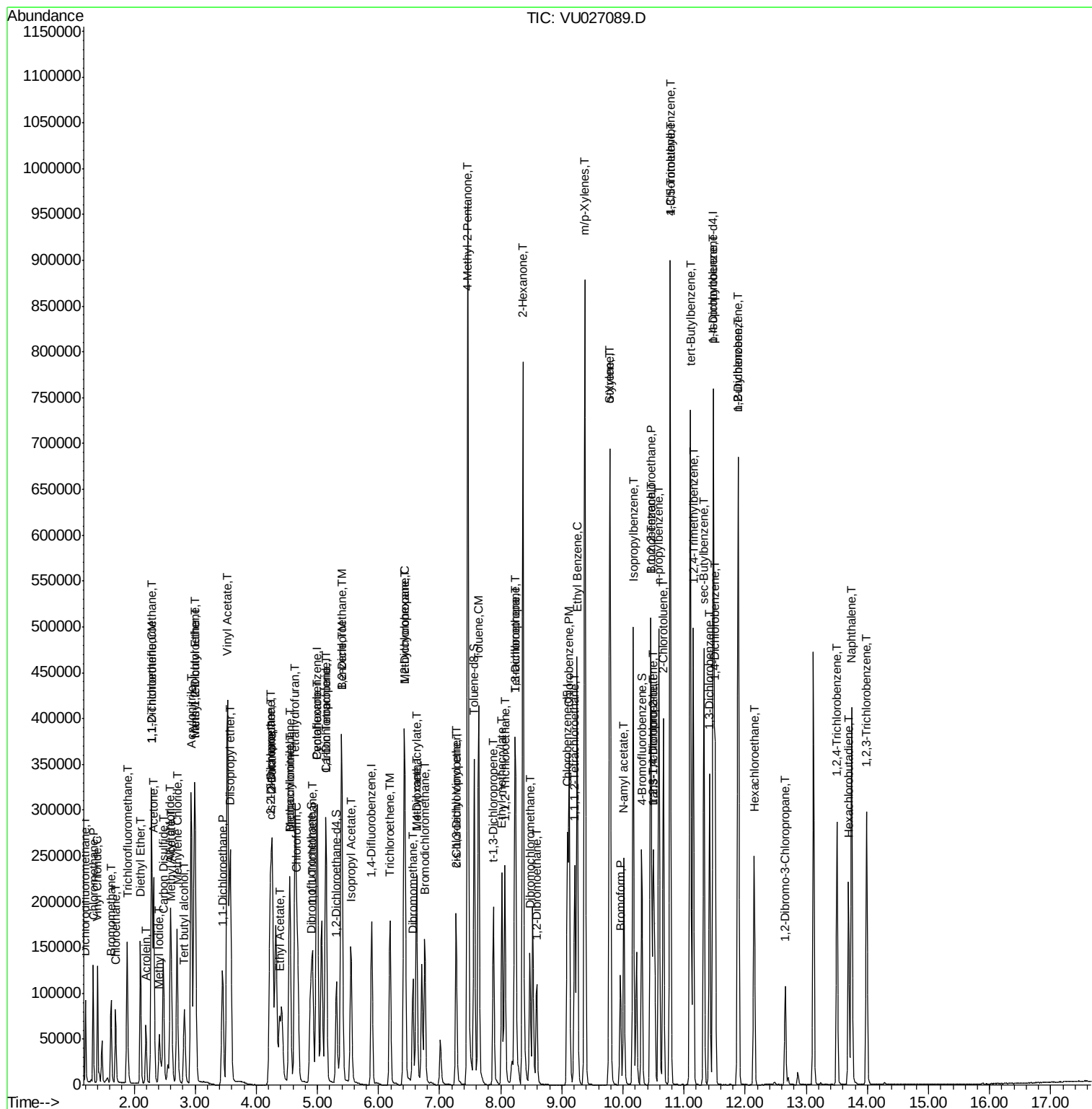
Quant Time: Sep 24 07:18:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

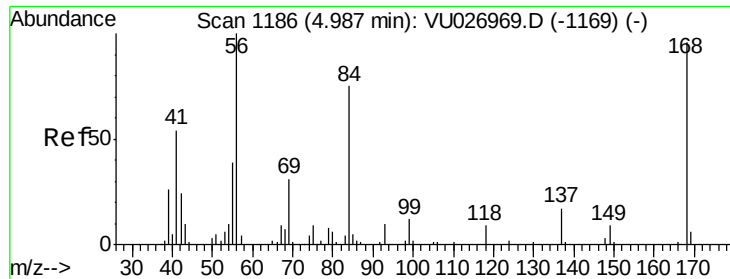
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	80110	51.217	ug/l	100
94) Hexachlorobutadiene	13.69	225	38249	46.216	ug/l	97
95) Naphthalene	13.74	128	298909	48.915	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	85608	51.037	ug/l	98

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

Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

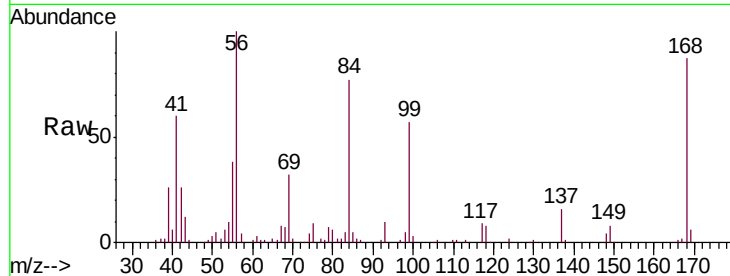
SA-SW204-20180914MS

Tgt Ion:168 Resp: 76899

Ion Ratio Lower Upper

168 100

99 64.3 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

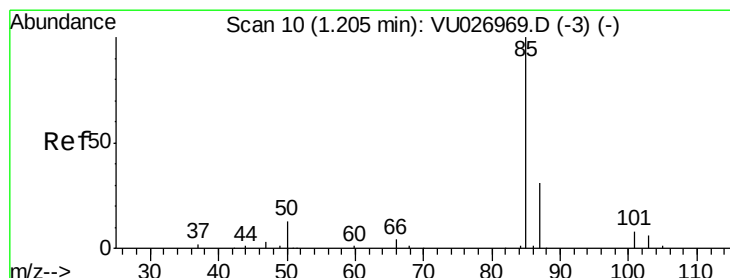
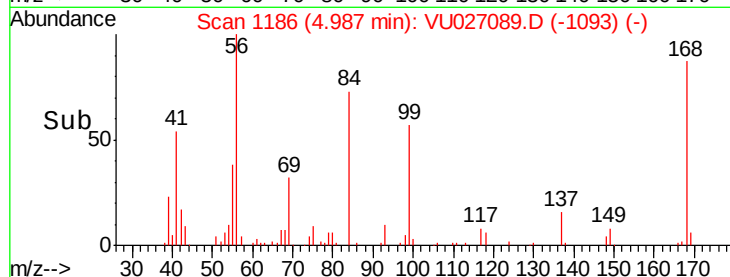
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 48.692 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027089.D

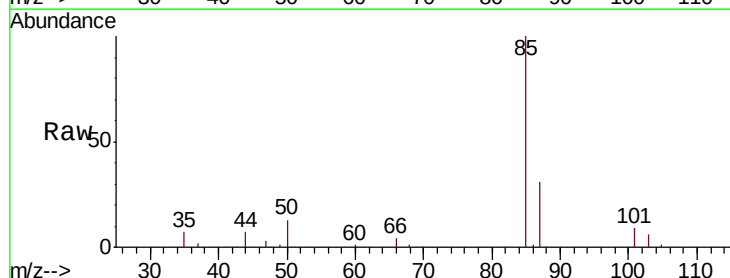
Acq: 23 Sep 2018 21:52

Tgt Ion: 85 Resp: 48888

Ion Ratio Lower Upper

85 100

87 30.9 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

50000

40000

30000

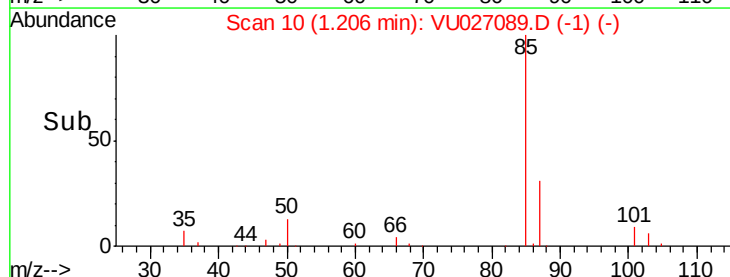
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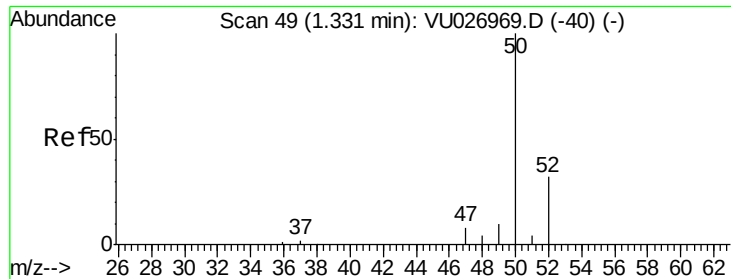
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1.15 1.20 1.25

Time-->

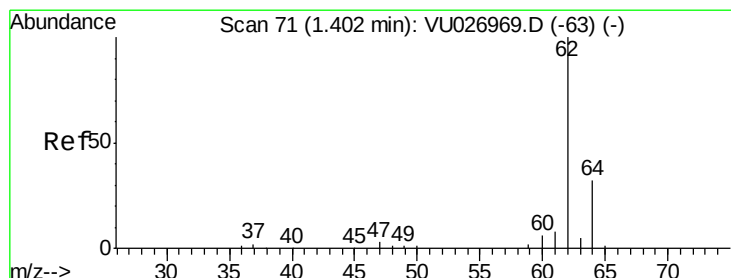
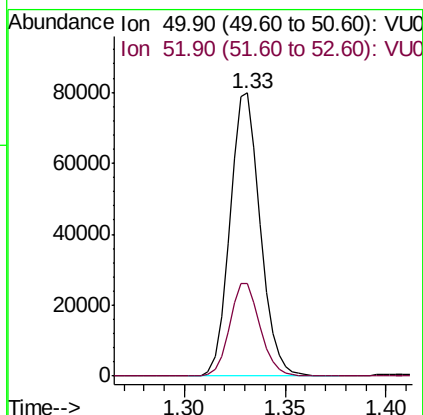
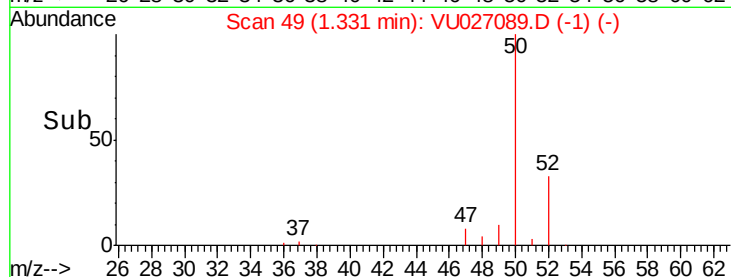
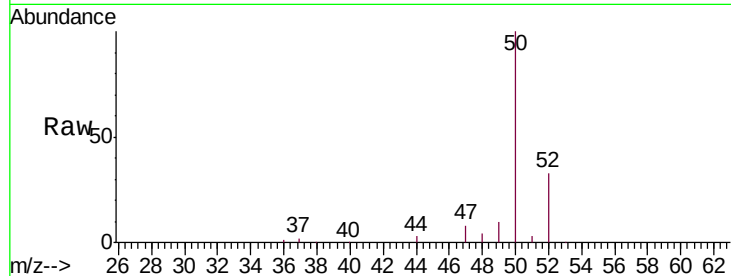




#3
Chloromethane
Concen: 48.596 ug/l
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

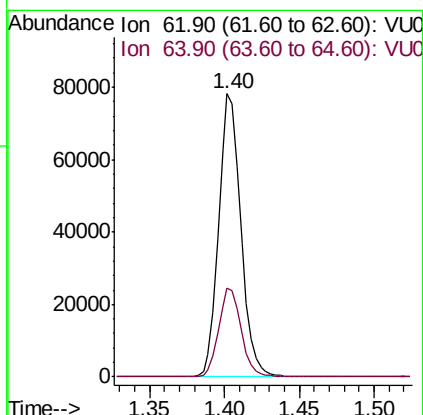
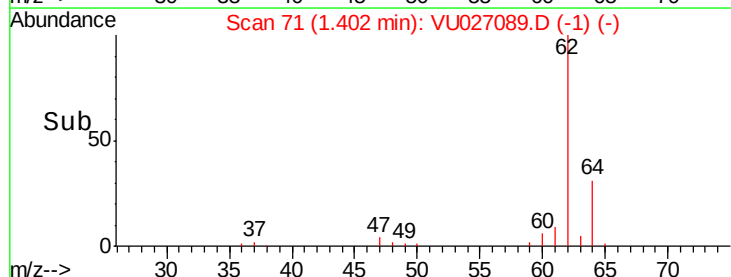
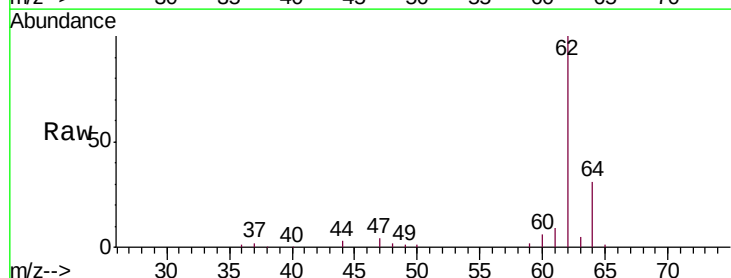
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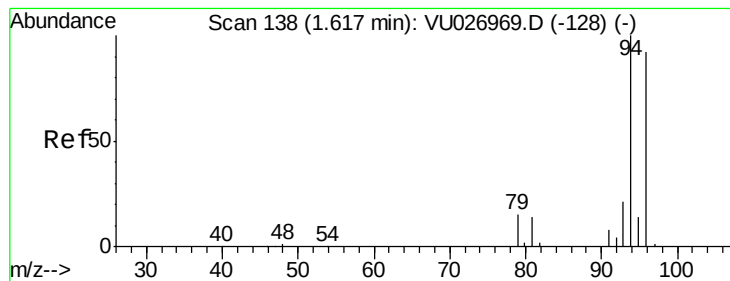
Tgt Ion: 50 Resp: 84122
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9



#4
Vinyl Chloride
Concen: 50.120 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion: 62 Resp: 80985
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3





#5

Bromomethane

Concen: 45.428 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

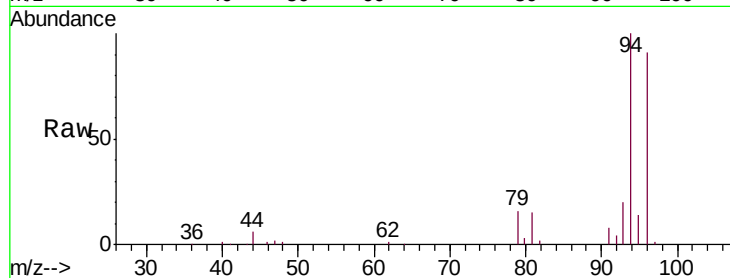
SA-SW204-20180914MS

Tgt Ion: 94 Resp: 41801

Ion Ratio Lower Upper

94 100

96 91.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU026969.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU027089.D (-45) (-)

1.62

30000

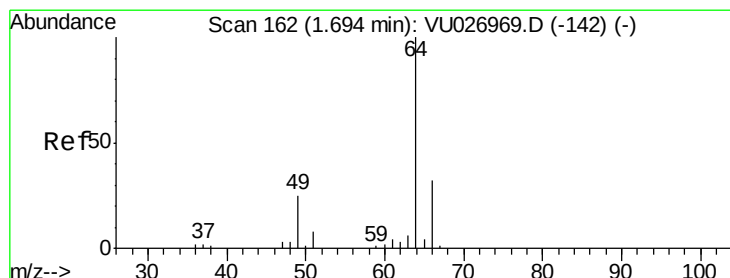
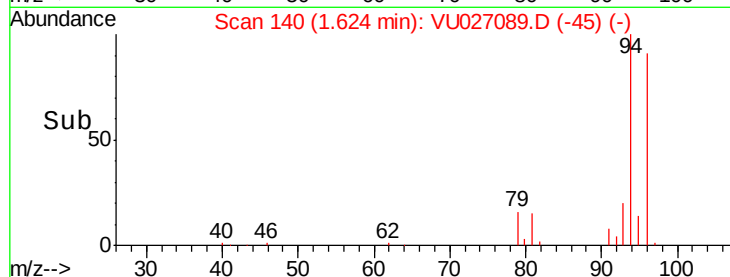
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 52.217 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027089.D

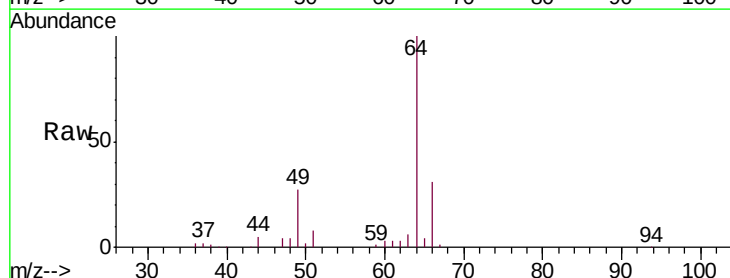
Acq: 23 Sep 2018 21:52

Tgt Ion: 64 Resp: 53910

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU027089.D (-69) (-)

1.70

40000

30000

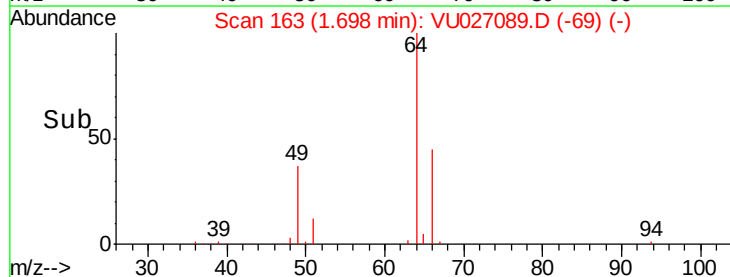
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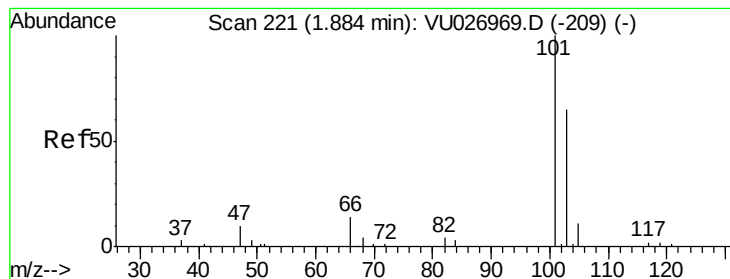
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0

Time-->

1.60 1.70 1.80



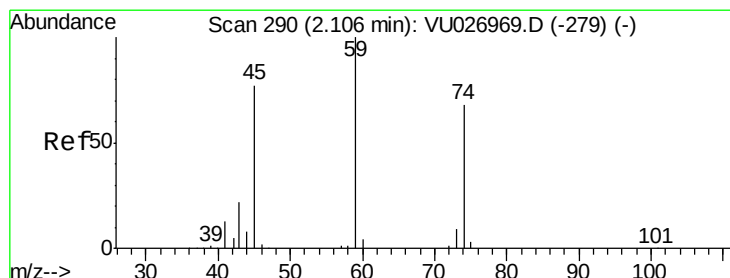
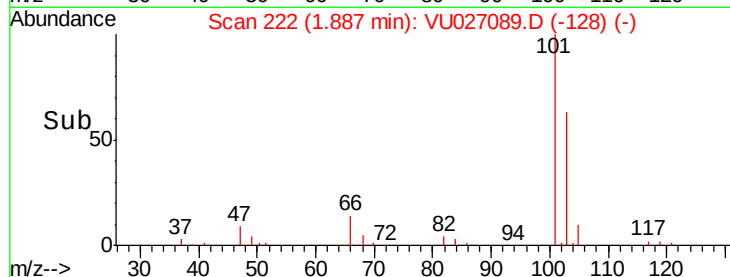
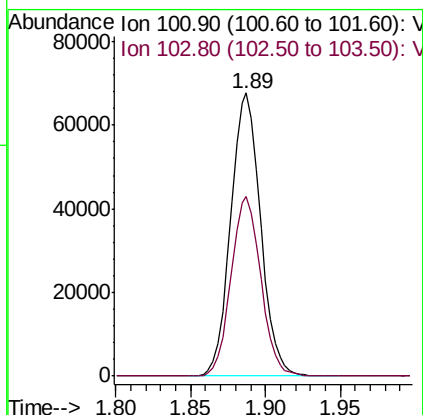
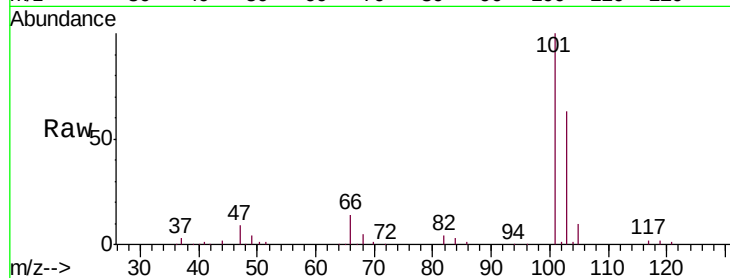


#7

Trichlorofluoromethane
 Concen: 51.281 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027089.D
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Instrument :
 MSVOA_U
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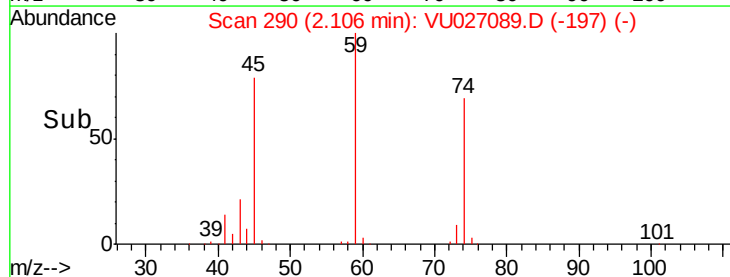
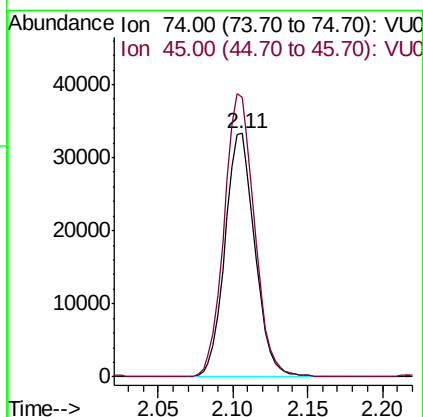
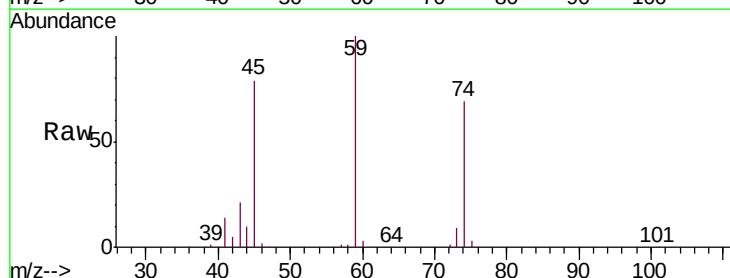
Tgt Ion: 101 Resp: 94112
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.2 78.2

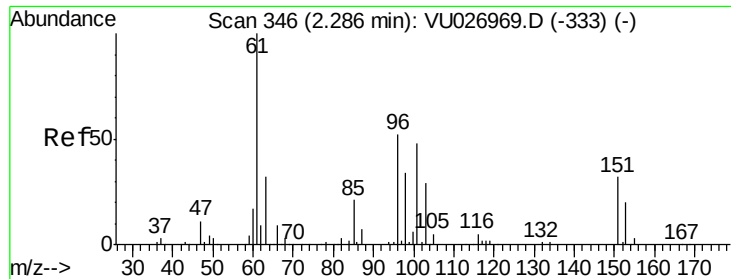


#8

Diethyl Ether
 Concen: 52.588 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion: 74 Resp: 46453
 Ion Ratio Lower Upper
 74 100
 45 118.1 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.621 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

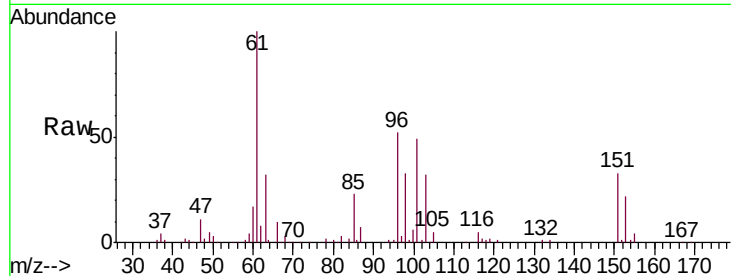
Tgt Ion:101 Resp: 54865

Ion Ratio Lower Upper

101 100

85 46.5 36.2 54.2

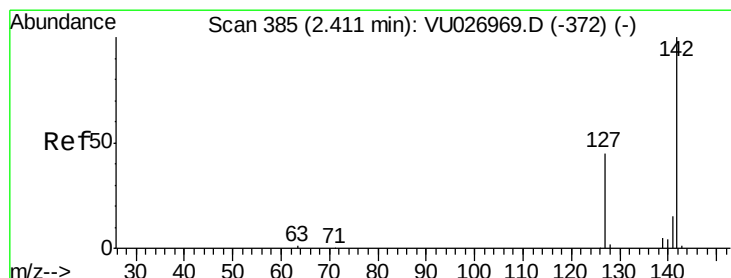
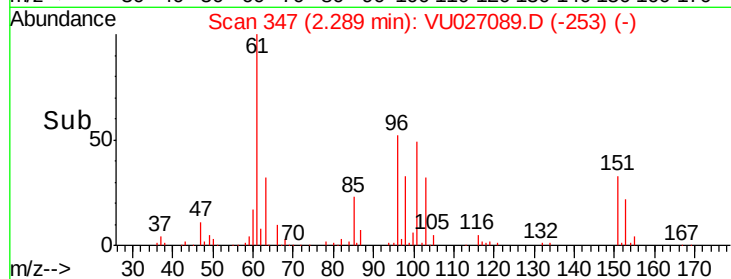
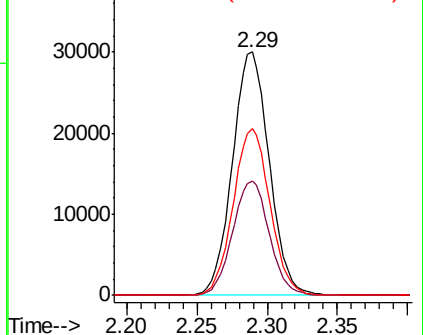
151 68.3 54.5 81.7



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: 36.982 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

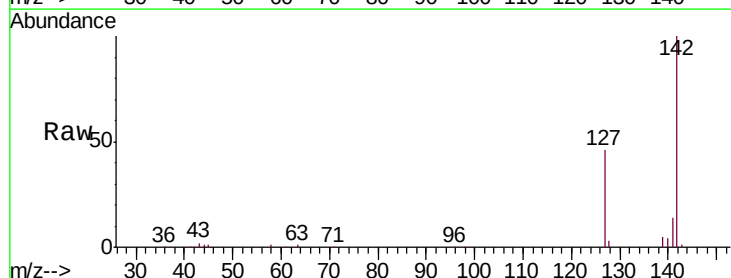
Tgt Ion:142 Resp: 51757

Ion Ratio Lower Upper

142 100

127 46.9 36.7 55.1

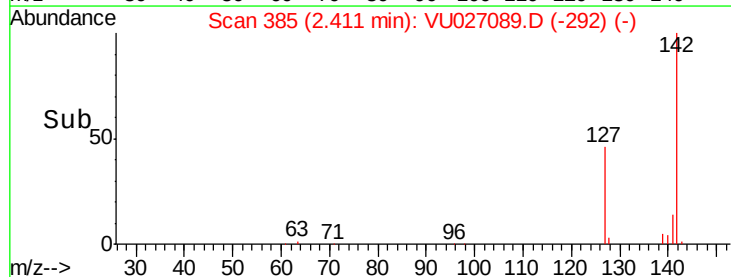
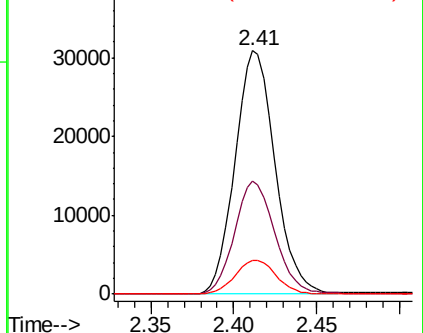
141 14.2 11.8 17.6

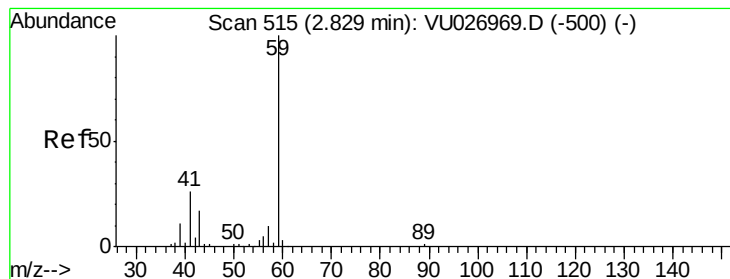


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



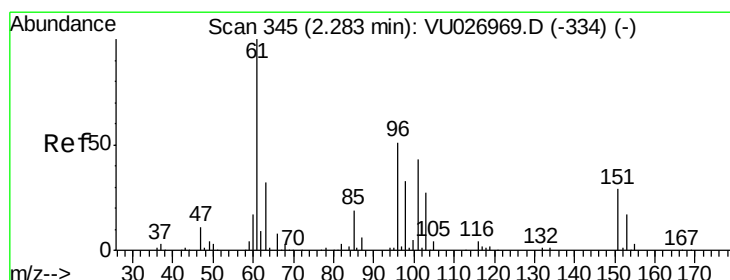
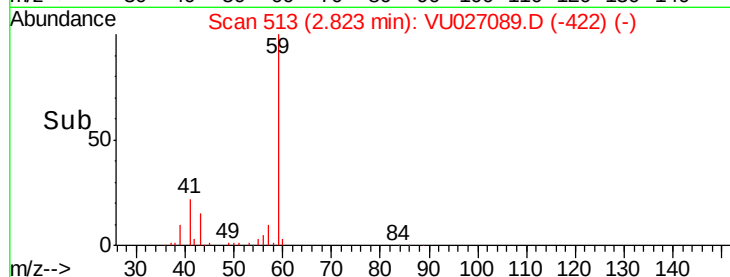
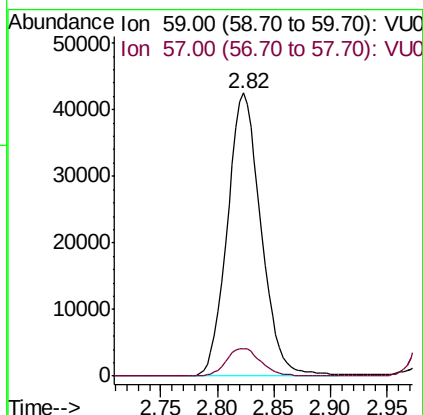
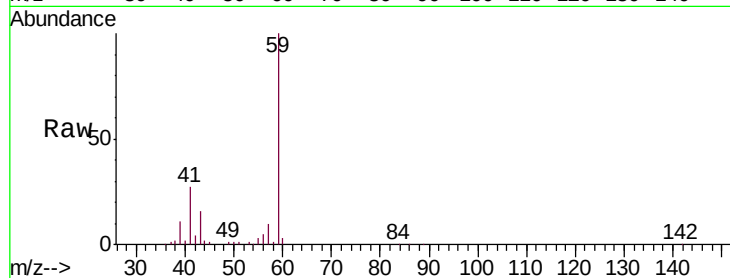


#11

Tert butyl alcohol
 Concen: 248.410 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

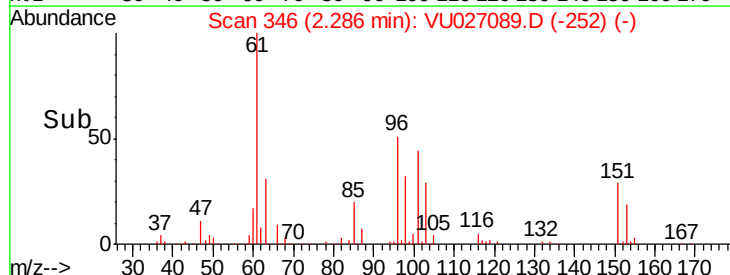
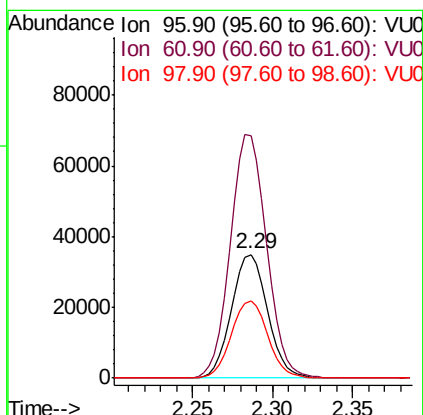
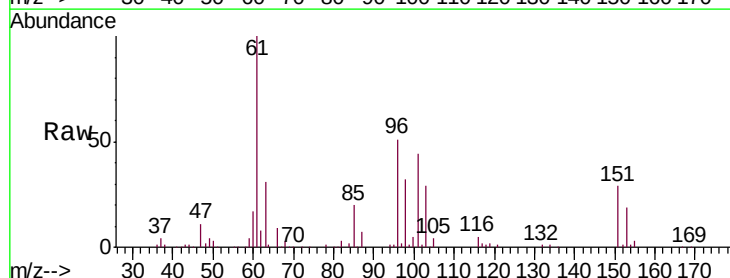
Tgt Ion: 59 Resp: 88123
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

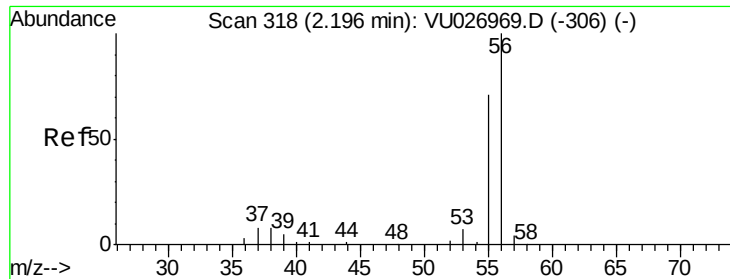


#12

1,1-Dichloroethene
 Concen: 50.355 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion: 96 Resp: 53482
 Ion Ratio Lower Upper
 96 100
 61 196.1 156.1 234.1
 98 62.4 51.4 77.0

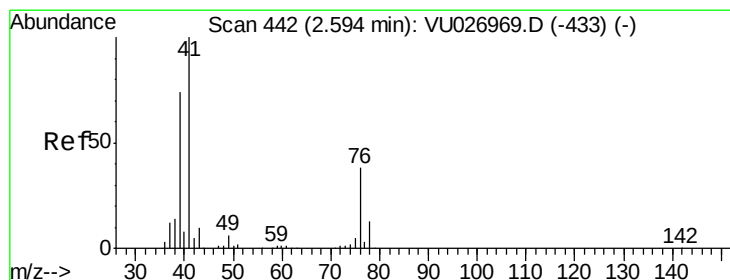
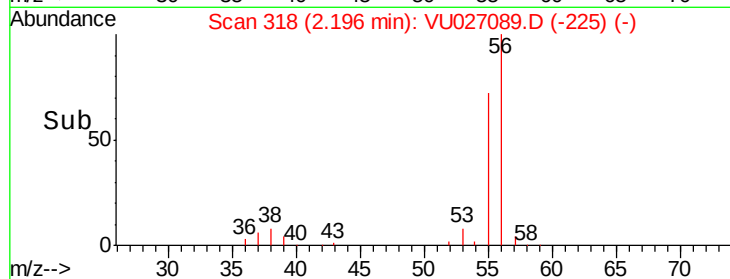
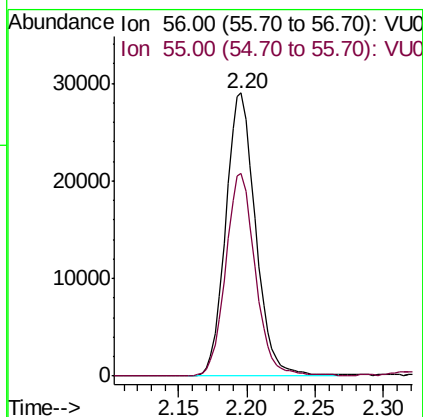
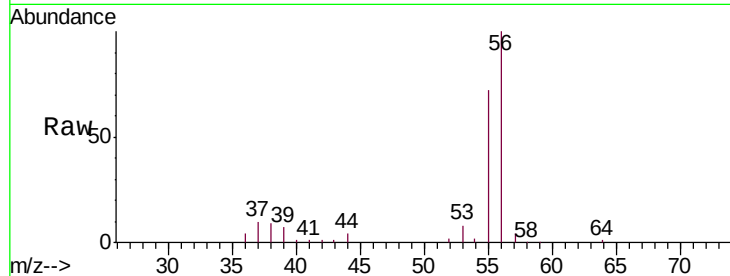




#13
Acrolein
Concen: 231.644 ug/l
RT: 2.20 min Scan# 318
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

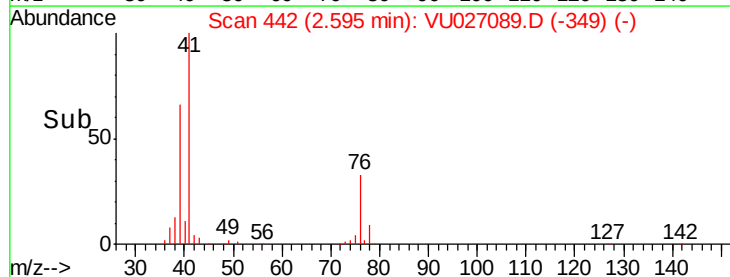
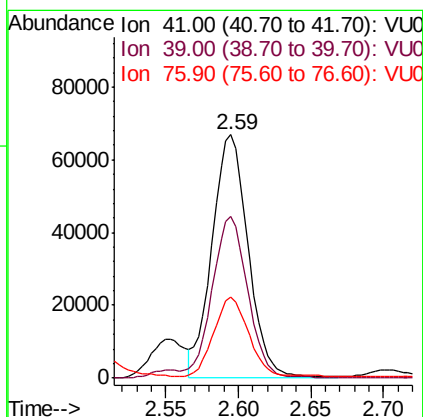
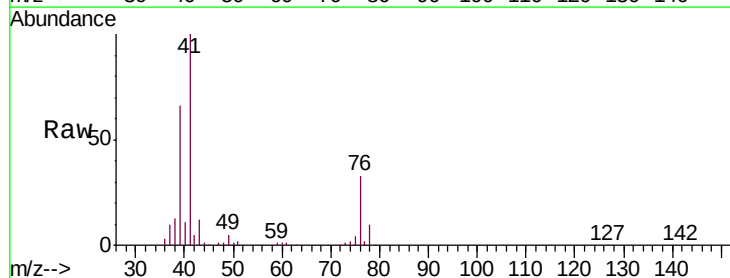
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

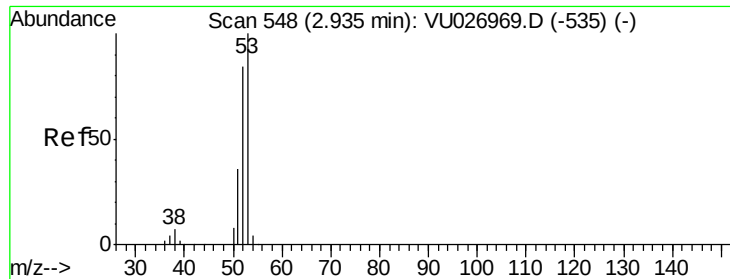
Tgt Ion: 56 Resp: 44298
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7



#14
Allyl chloride
Concen: 53.450 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion: 41 Resp: 115141
Ion Ratio Lower Upper
41 100
39 65.5 55.7 83.5
76 32.1 26.5 39.7

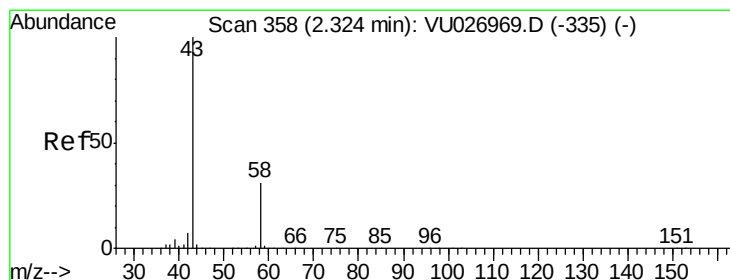
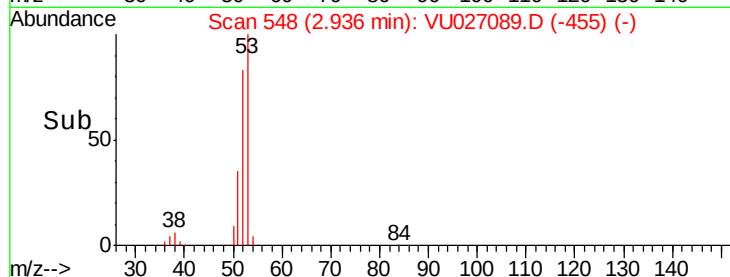
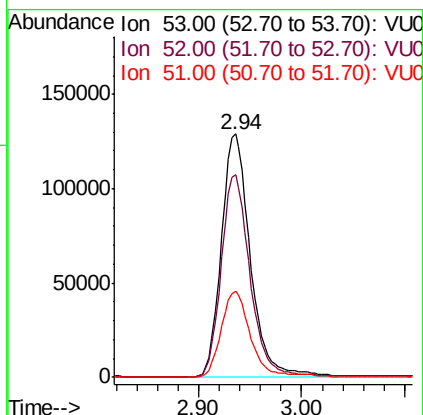
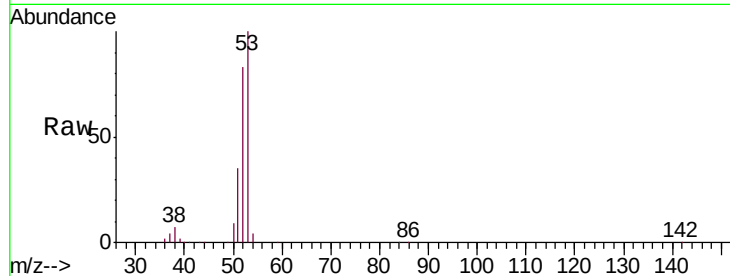




#15
 Acrylonitrile
 Concen: 283.662 ug/l
 RT: 2.94 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

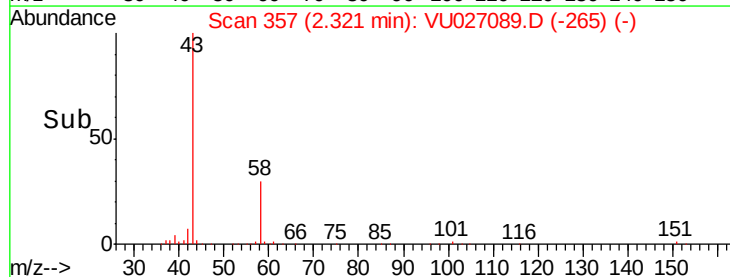
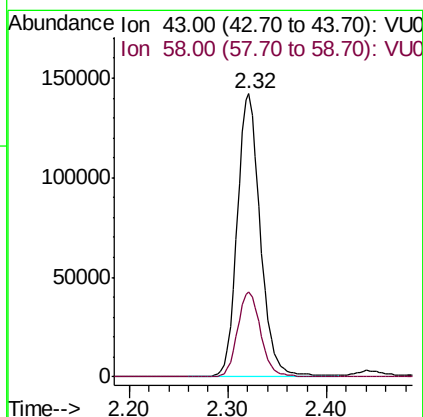
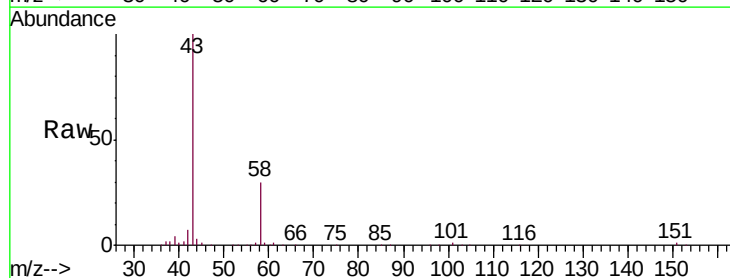
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

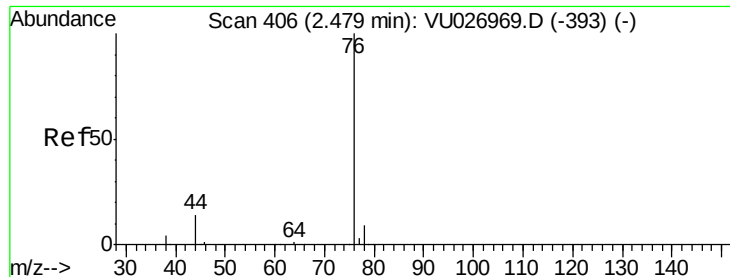
Tgt Ion: 53 Resp: 253623
 Ion Ratio Lower Upper
 53 100
 52 82.9 65.7 98.5
 51 36.3 27.4 41.2



#16
 Acetone
 Concen: 282.234 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion: 43 Resp: 230276
 Ion Ratio Lower Upper
 43 100
 58 30.0 24.6 36.8





#17

Carbon Disulfide

Concen: 49.117 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

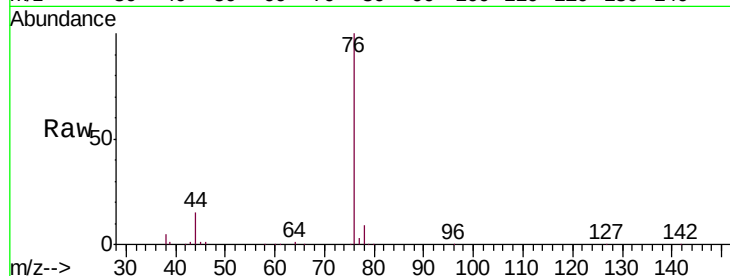
SA-SW204-20180914MS

Tgt Ion: 76 Resp: 169943

Ion Ratio Lower Upper

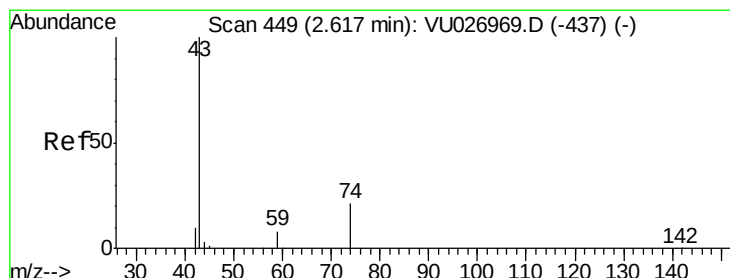
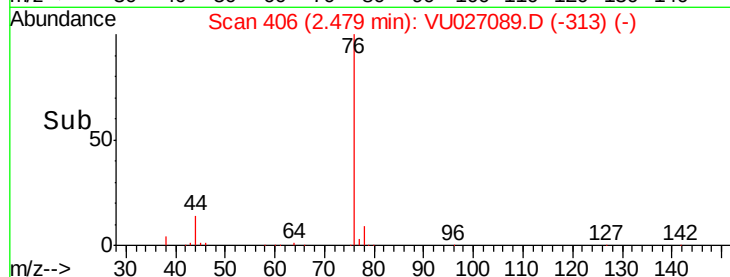
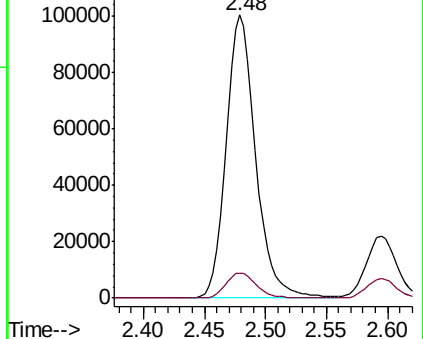
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU027089.D (-313) (-)

Ion 77.90 (77.60 to 78.60): VU027089.D (-313) (-)



#18

Methyl Acetate

Concen: 44.402 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027089.D

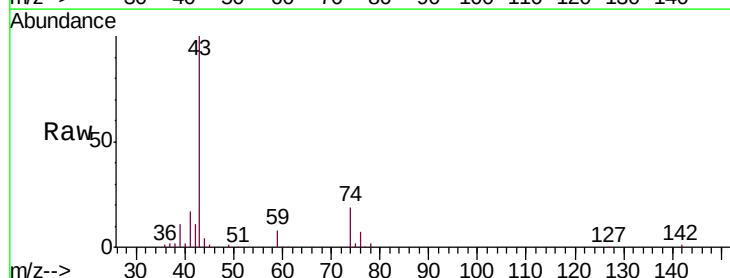
Acq: 23 Sep 2018 21:52

Tgt Ion: 43 Resp: 97813

Ion Ratio Lower Upper

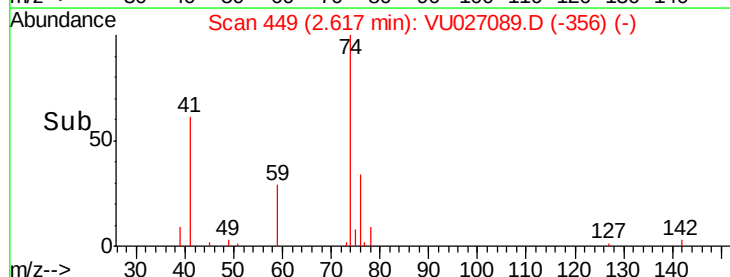
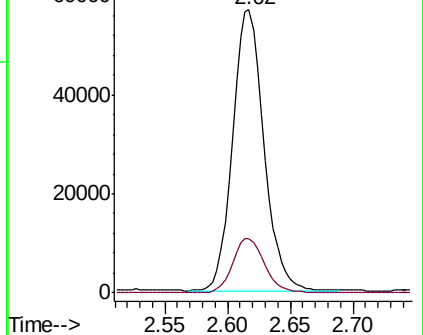
43 100

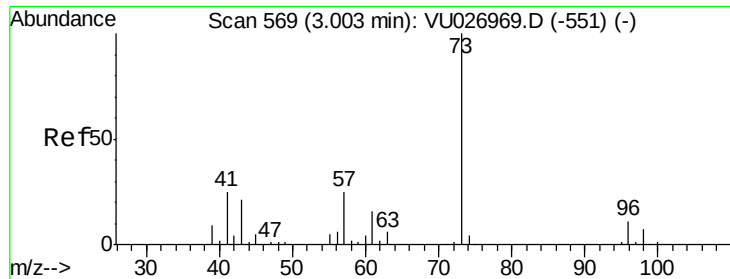
74 20.0 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU027089.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027089.D (-356) (-)

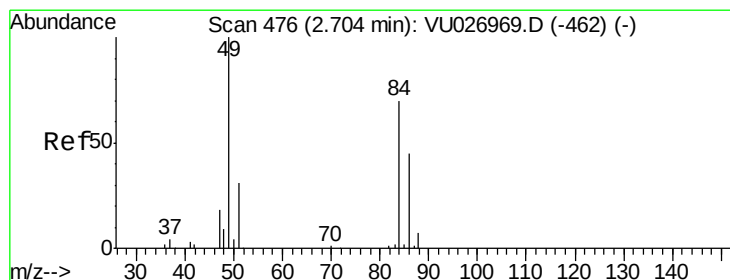
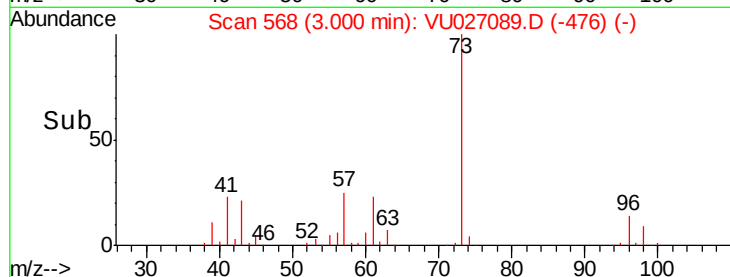
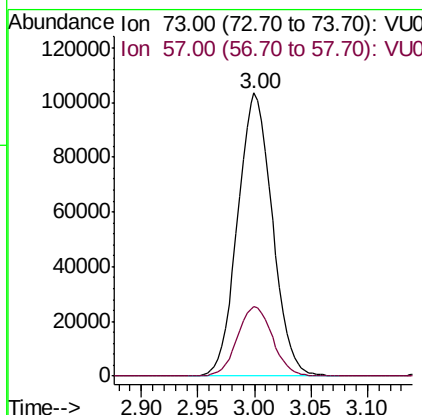
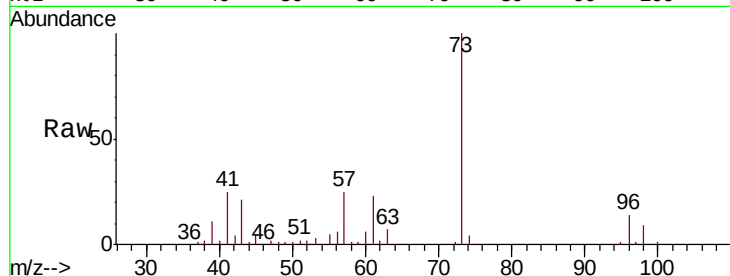




#19
Methyl tert-butyl Ether
Concen: 56.722 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

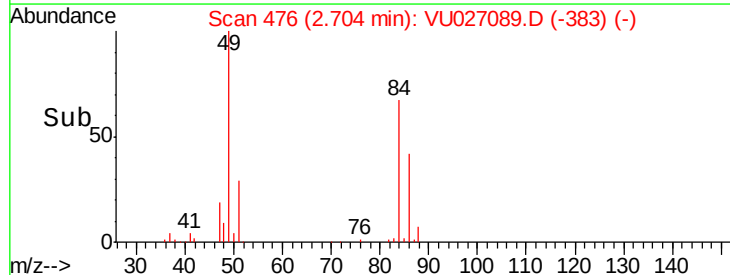
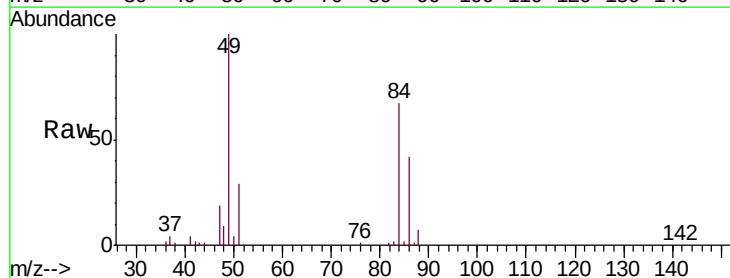
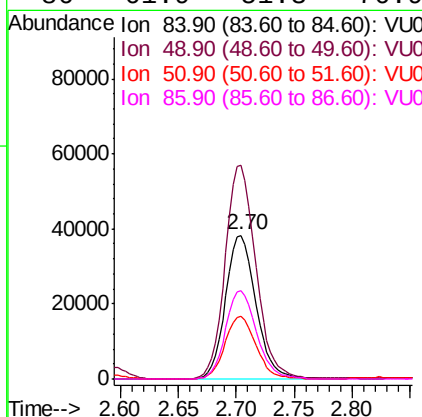
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

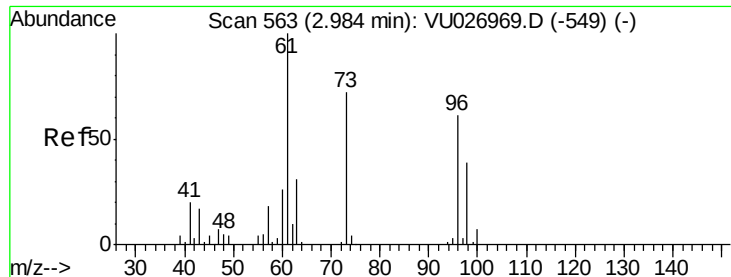
Tgt Ion: 73 Resp: 221380
Ion Ratio Lower Upper
73 100
57 24.6 19.8 29.6



#20
Methylene Chloride
Concen: 50.593 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion: 84 Resp: 70127
Ion Ratio Lower Upper
84 100
49 148.8 114.9 172.3
51 43.5 35.8 53.8
86 61.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 52.663 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

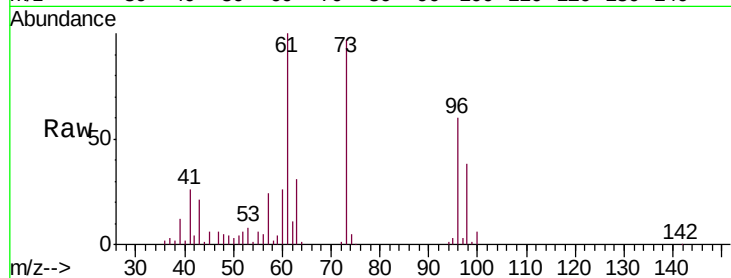
Tgt Ion: 96 Resp: 59718

Ion Ratio Lower Upper

96 100

61 167.4 131.8 197.6

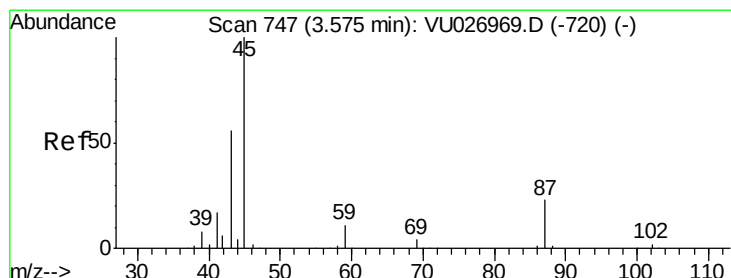
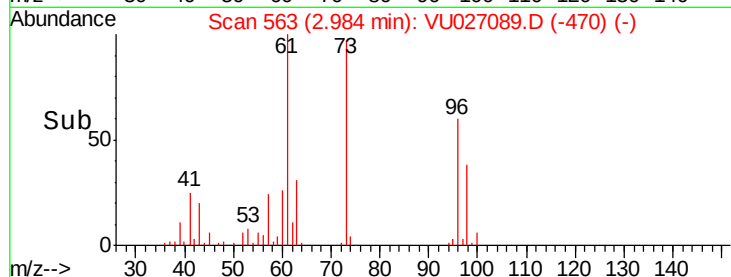
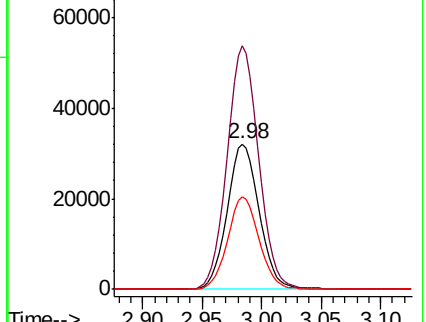
98 63.8 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU026969.D (-549) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-549) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-549) (-)



#22

Diisopropyl ether

Concen: 59.680 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Tgt Ion: 45 Resp: 274981

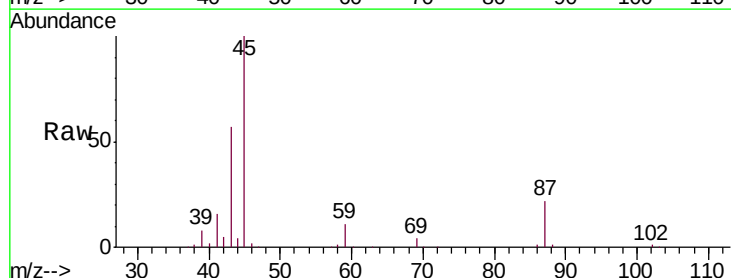
Ion Ratio Lower Upper

45 100

43 54.8 45.8 68.6

87 22.0 18.6 28.0

59 11.0 9.0 13.4

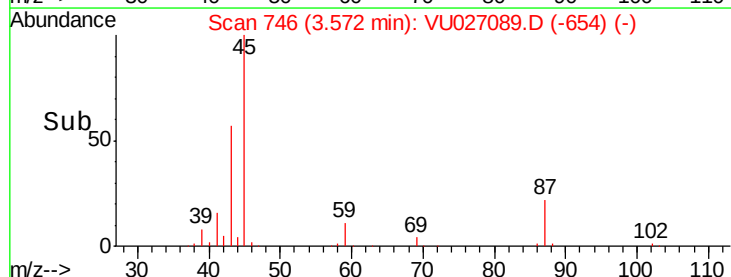
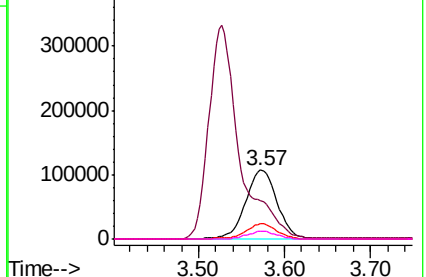


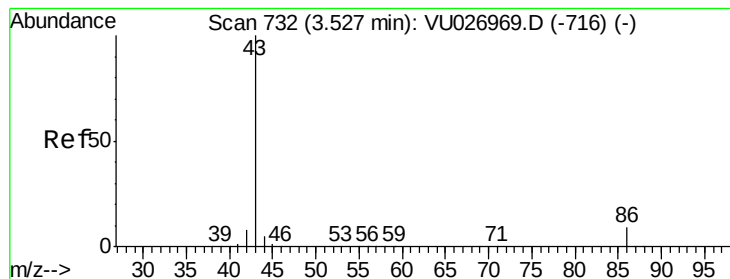
Abundance Ion 45.00 (44.70 to 45.70): VU026969.D (-720) (-)

Ion 43.00 (42.70 to 43.70): VU026969.D (-720) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-720) (-)

Ion 59.00 (58.70 to 59.70): VU026969.D (-720) (-)





#23

Vinyl Acetate

Concen: 211.382 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

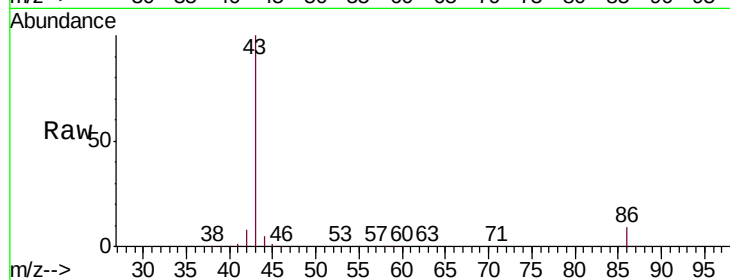
SA-SW204-20180914MS

Tgt Ion: 43 Resp: 830226

Ion Ratio Lower Upper

43 100

86 8.5 7.2 10.8



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

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

3.53

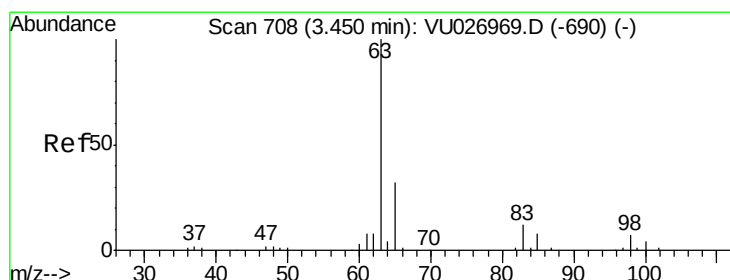
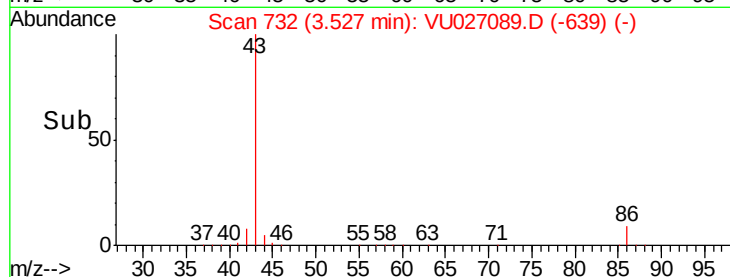
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.950 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

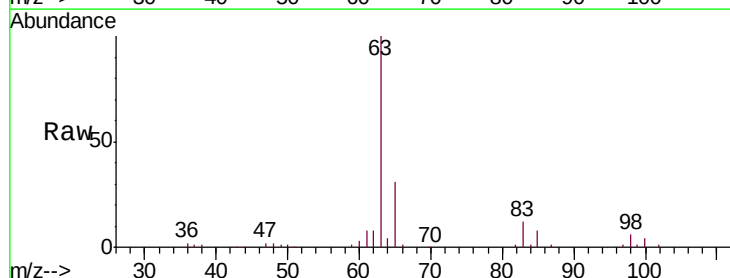
Tgt Ion: 63 Resp: 139446

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 3.9 2.0 5.8



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

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

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

3.45

80000

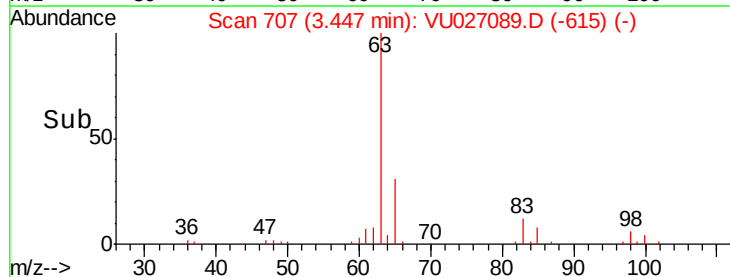
60000

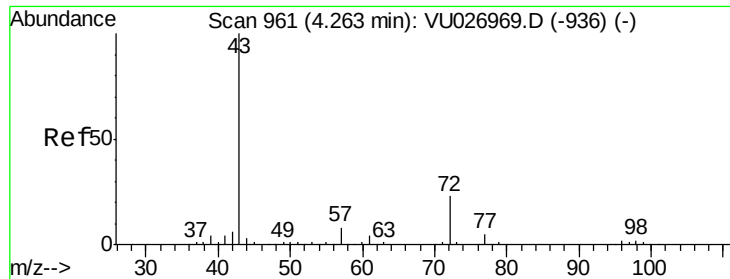
40000

20000

0

Time-->





#25

2-Butanone

Concen: 279.694 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

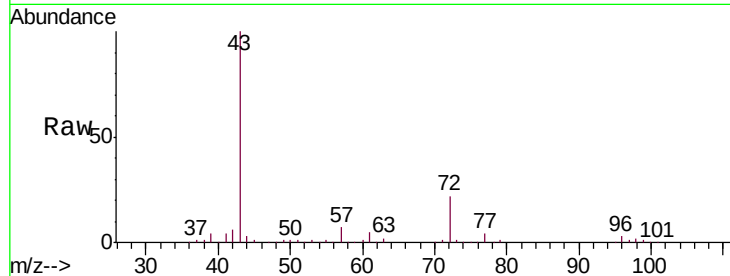
SA-SW204-20180914MS

Tgt Ion: 43 Resp: 363794

Ion Ratio Lower Upper

43 100

72 22.3 18.4 27.6



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

Ion 72.00 (71.70 to 72.70): VU026969.D (-936) (-)

4.26

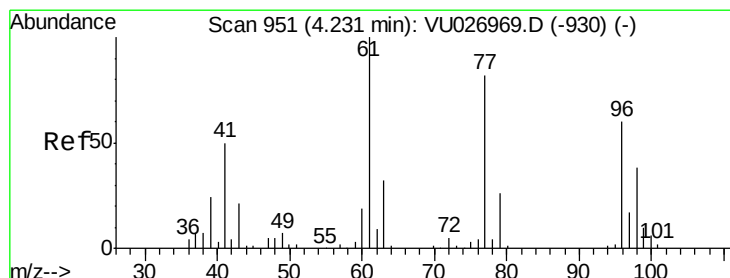
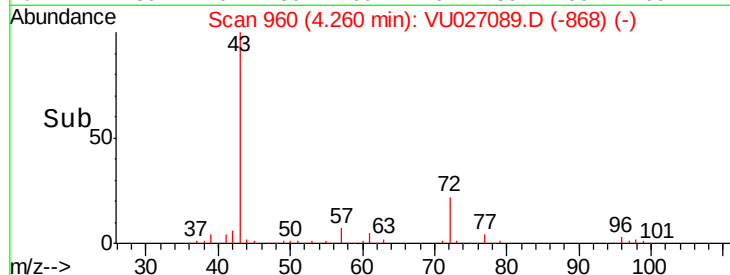
150000

100000

50000

0

Time--> 4.15 4.20 4.25 4.30 4.35



#26

2,2-Dichloropropane

Concen: 29.008 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027089.D

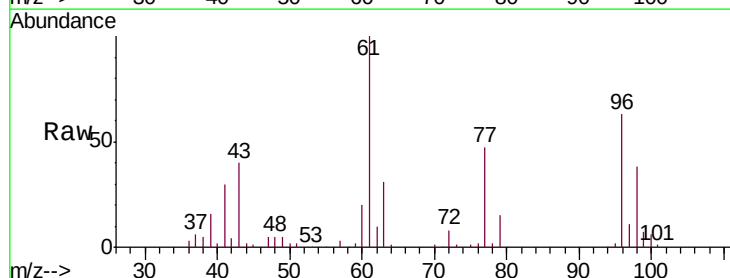
Acq: 23 Sep 2018 21:52

Tgt Ion: 77 Resp: 57410

Ion Ratio Lower Upper

77 100

97 23.2 10.5 31.5



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

Ion 96.90 (96.60 to 97.60): VU026969.D (-930) (-)

4.23

25000

20000

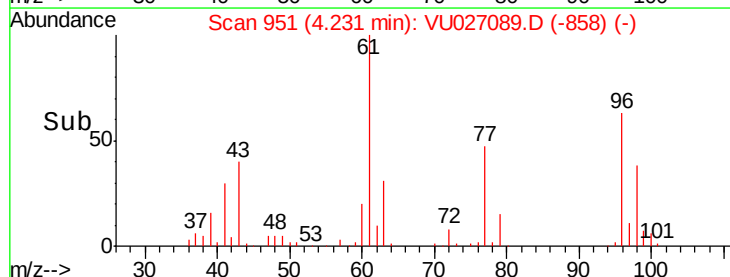
15000

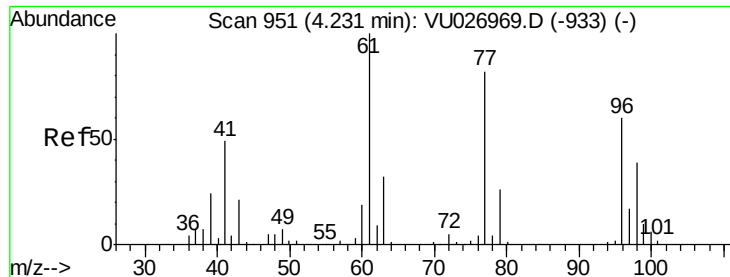
10000

5000

0

Time--> 4.10 4.20 4.30



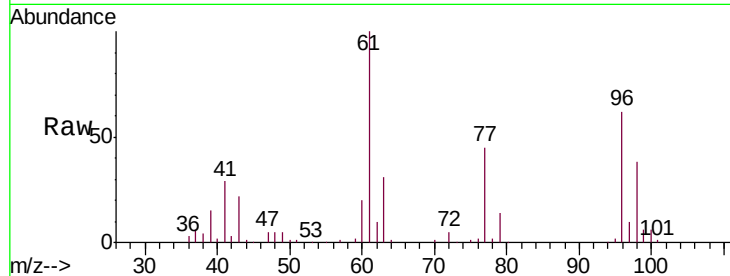


#27

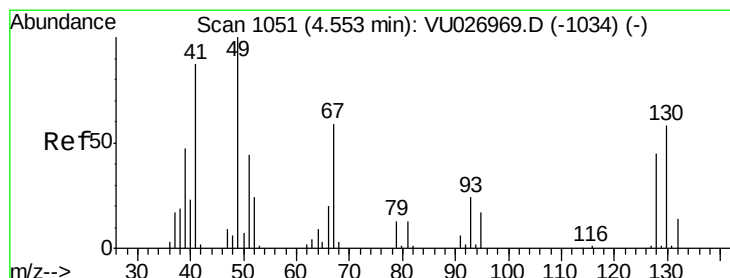
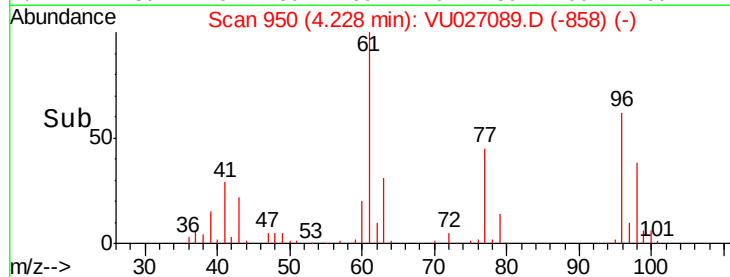
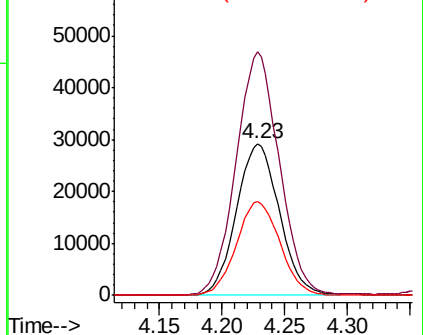
cis-1,2-Dichloroethene
 Concen: 54.217 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

Tgt Ion: 96 Resp: 69431
 Ion Ratio Lower Upper
 96 100
 61 162.3 0.0 337.2
 98 62.8 0.0 127.6



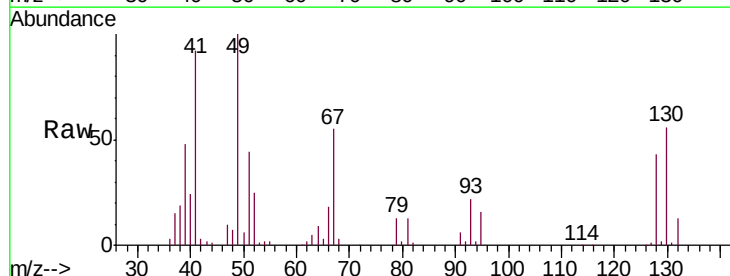
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



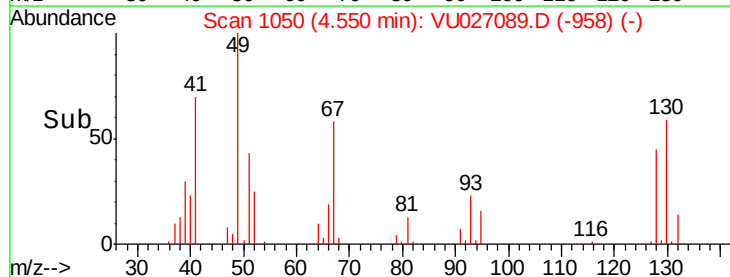
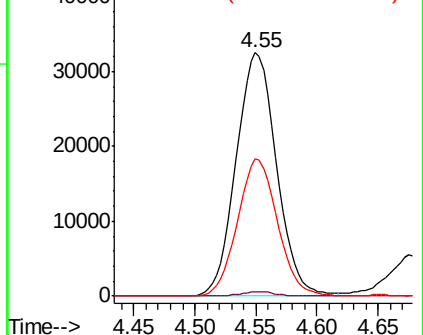
#28

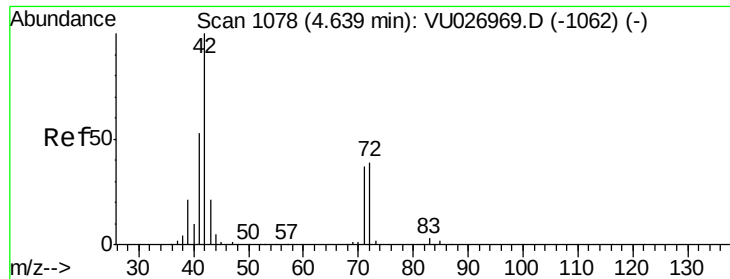
Bromochloromethane
 Concen: 60.944 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion: 49 Resp: 74551
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 55.5 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

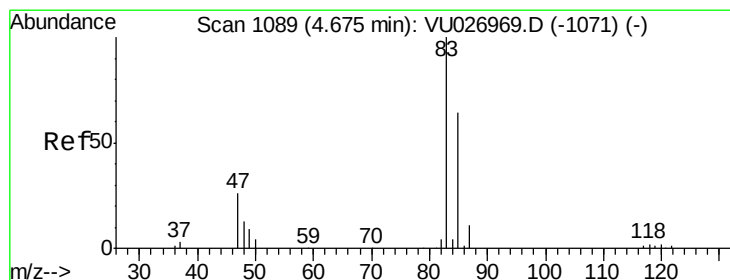
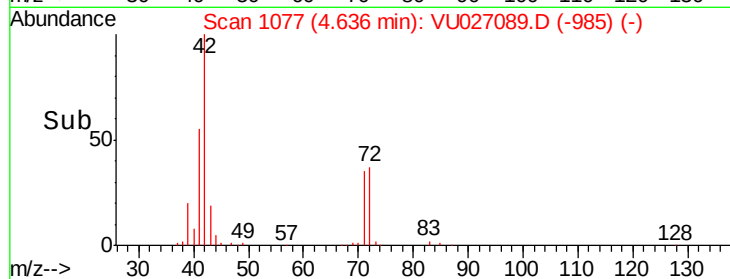
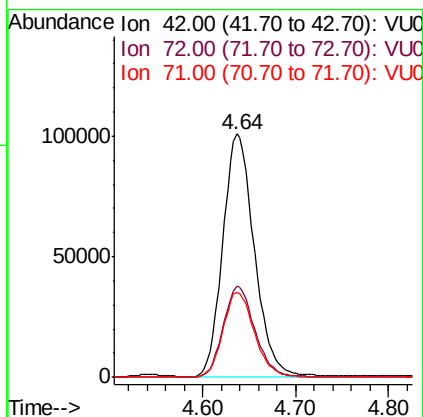
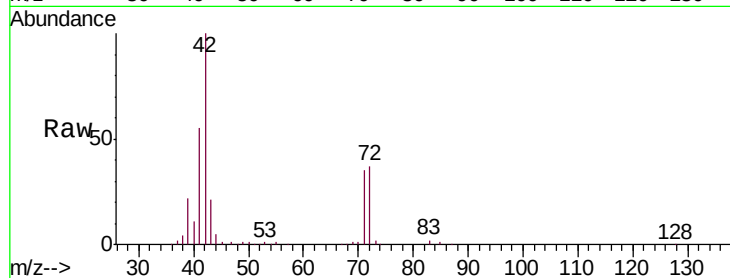




#29
Tetrahydrofuran
Concen: 302.471 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

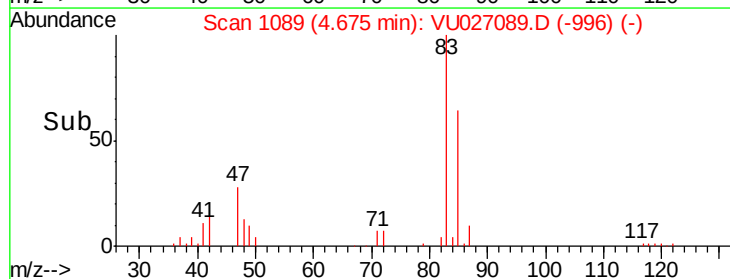
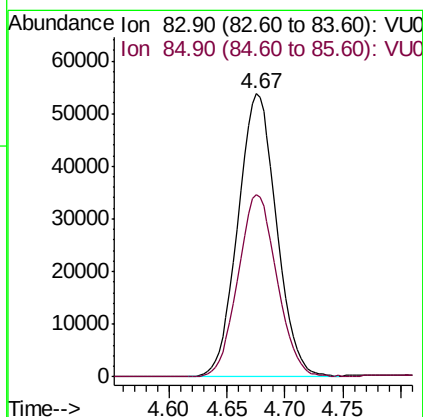
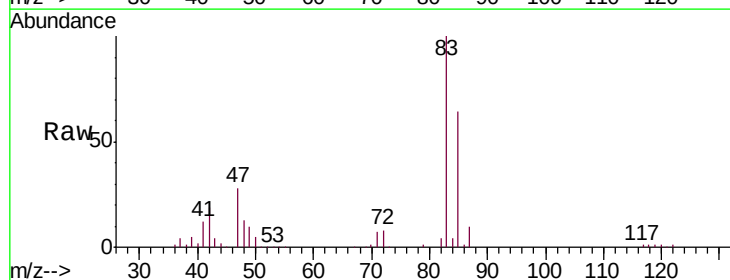
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

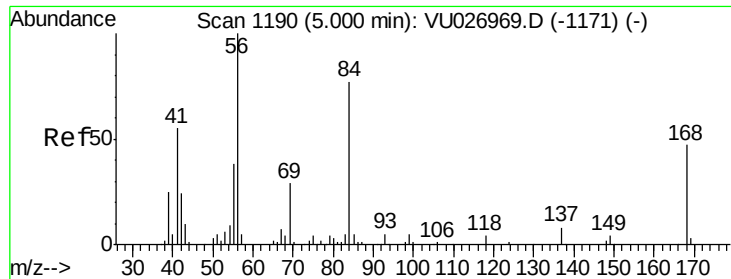
Tgt Ion: 42 Resp: 237992
Ion Ratio Lower Upper
42 100
72 37.7 31.7 47.5
71 34.9 29.6 44.4



#30
Chloroform
Concen: 52.924 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion: 83 Resp: 124667
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3

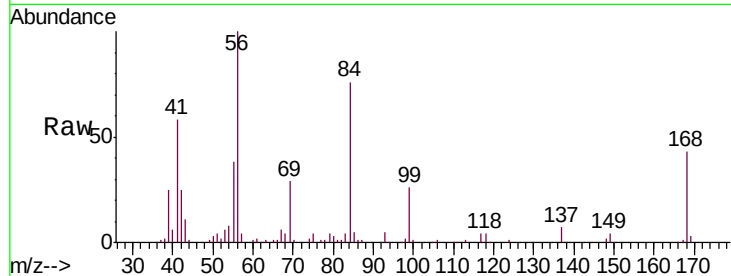




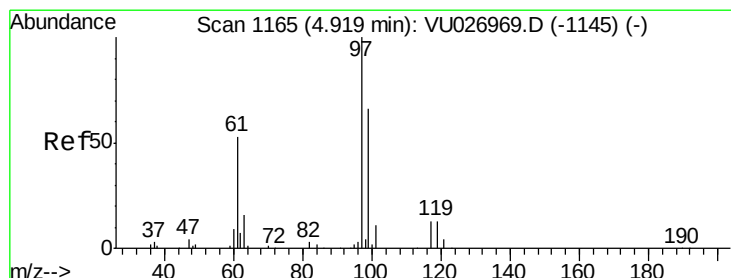
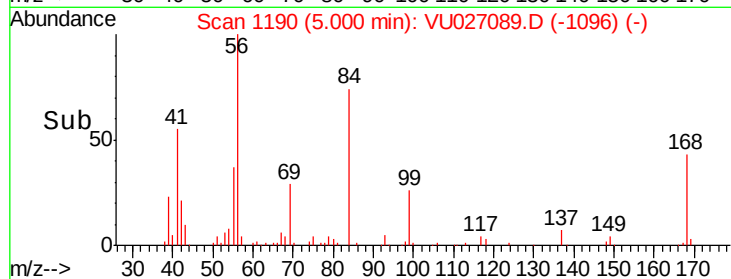
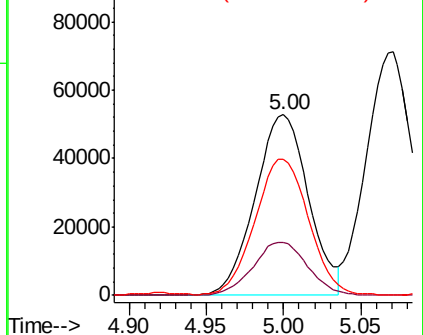
#31
Cyclohexane
Concen: 55.073 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

Tgt Ion: 56 Resp: 126907
Ion Ratio Lower Upper
56 100
69 29.5 23.0 34.4
84 75.1 61.4 92.2

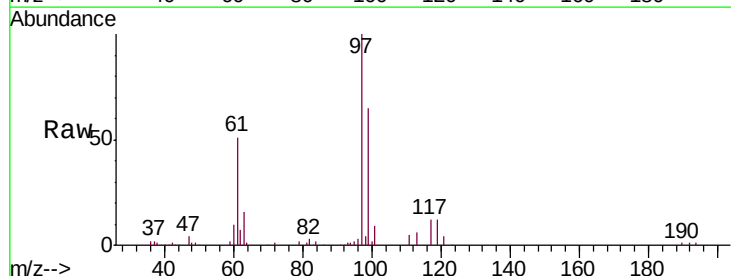


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

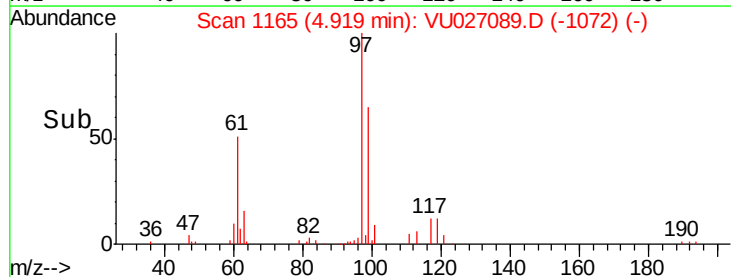
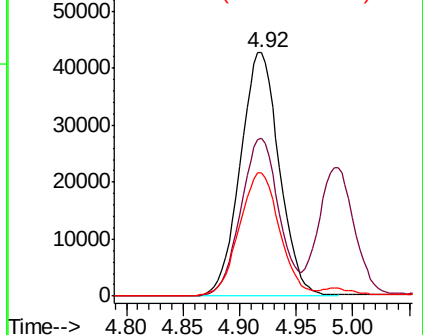


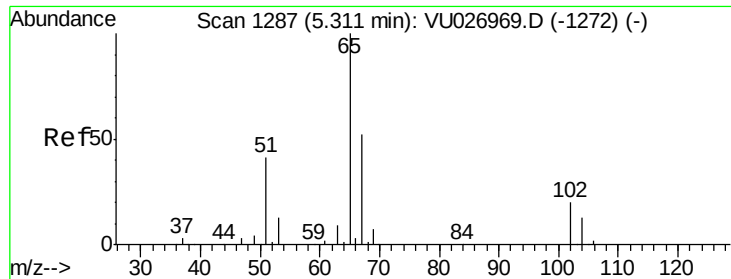
#32
1,1,1-Trichloroethane
Concen: 54.477 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion: 97 Resp: 102458
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 52.4 41.1 61.7



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

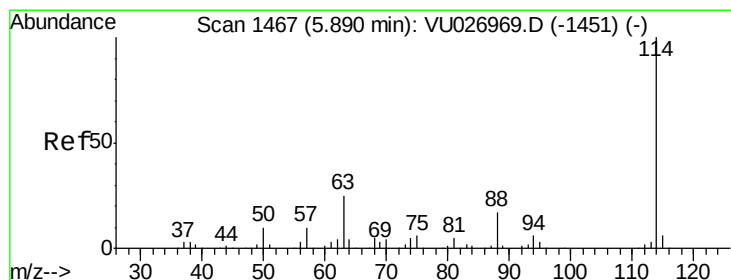
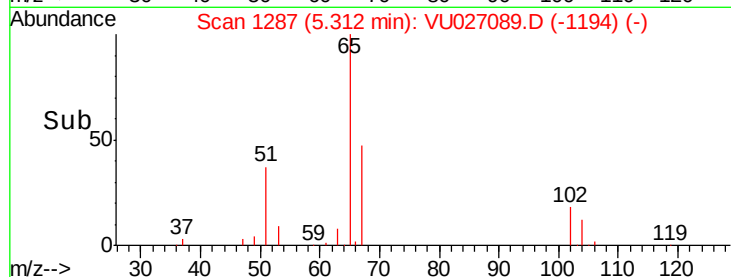
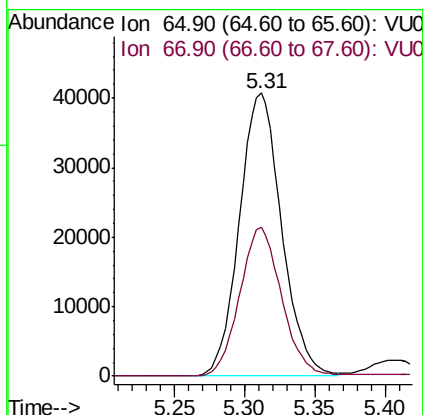
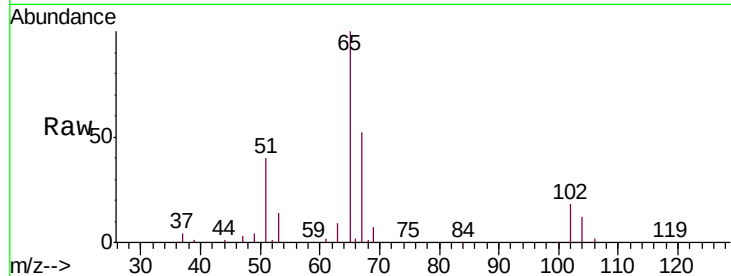




#33
 1,2-Dichloroethane-d4
 Concen: 55.106 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

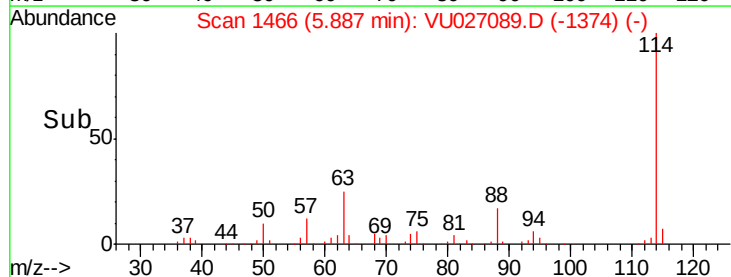
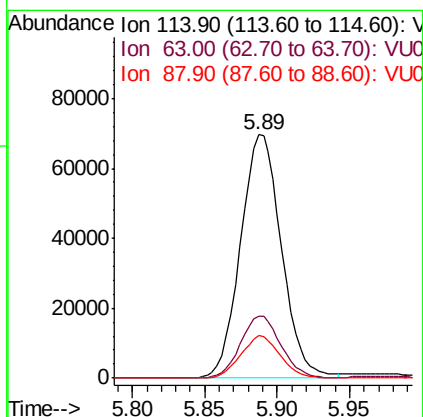
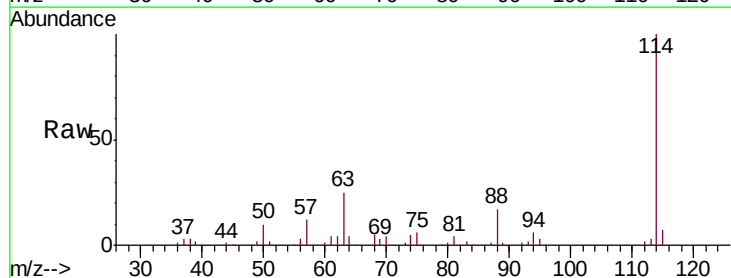
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

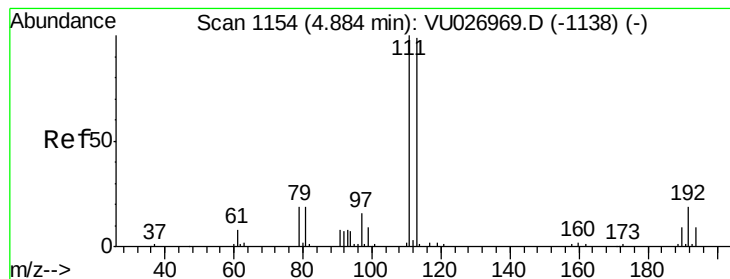
Tgt Ion: 65 Resp: 85288
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion: 114 Resp: 136613
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.294 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

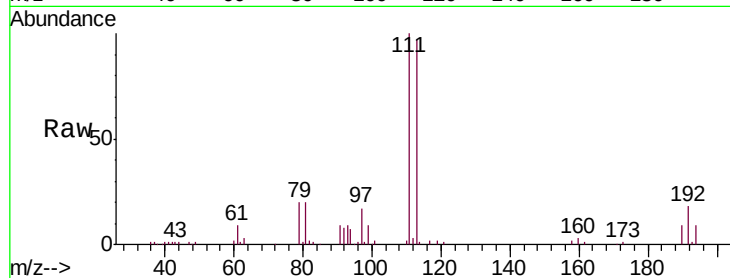
Tgt Ion:113 Resp: 58372

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

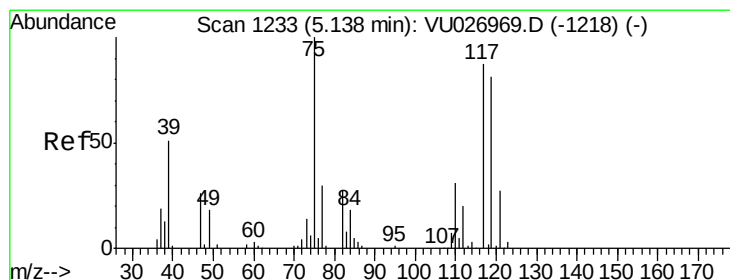
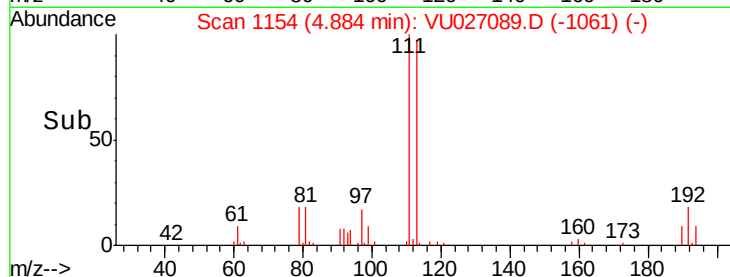
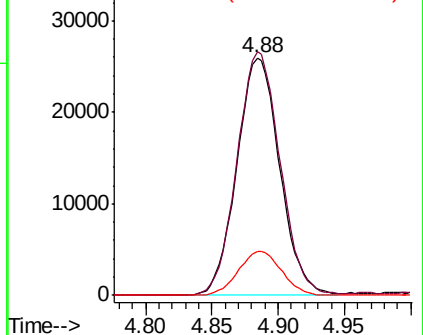
192 18.5 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.695 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

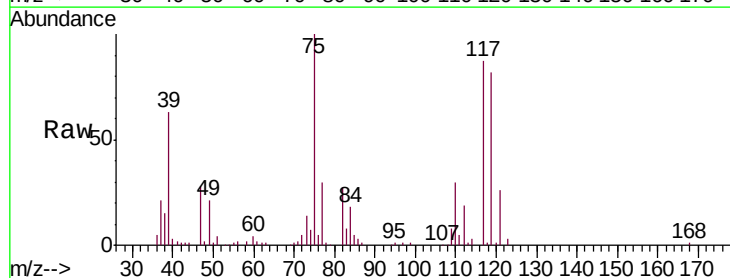
Tgt Ion: 75 Resp: 92430

Ion Ratio Lower Upper

75 100

110 30.6 16.1 48.2

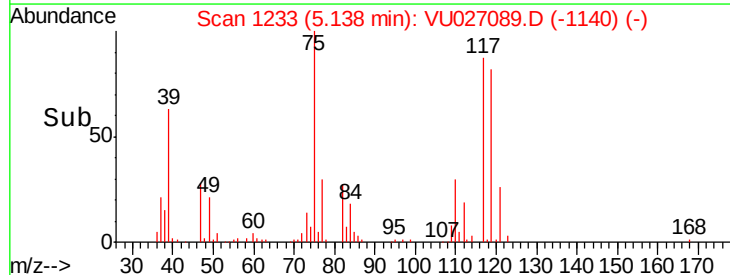
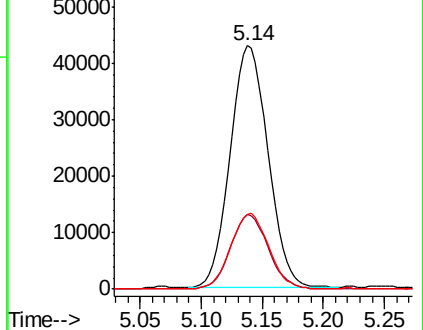
77 30.7 24.6 36.8

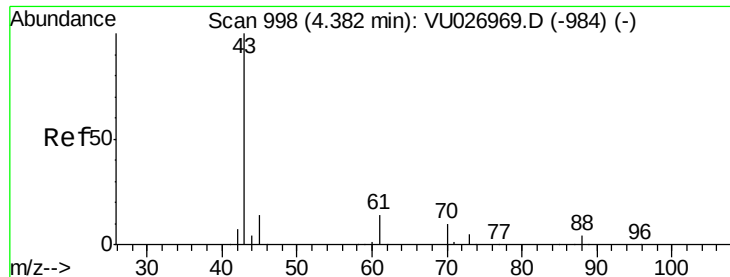


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 40.650 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

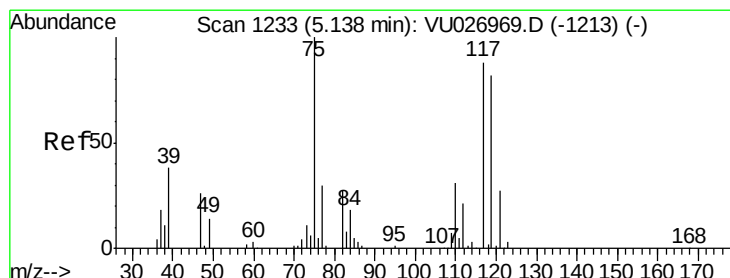
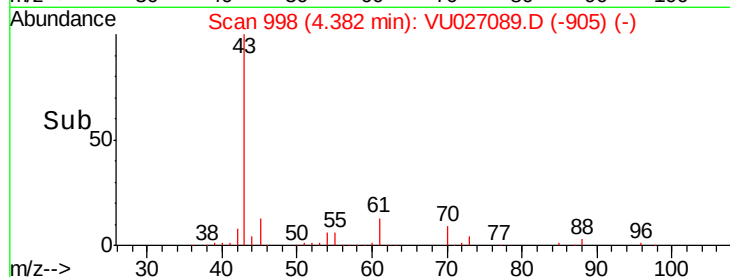
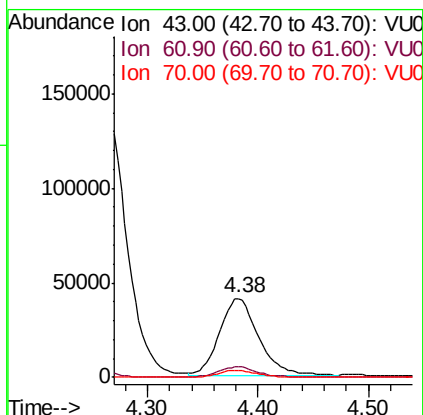
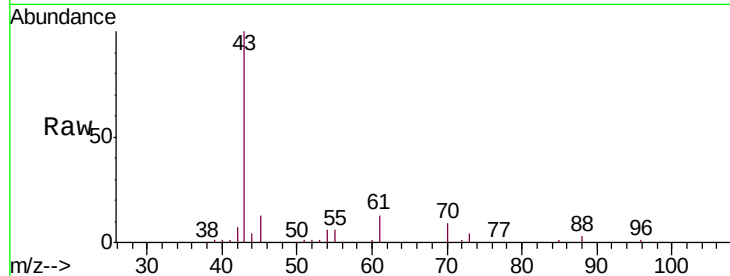
Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

Tgt Ion: 43 Resp: 100332

Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.5	15.7
70	8.9	7.4	11.0



#38

Carbon Tetrachloride

Concen: 50.075 ug/l

RT: 5.14 min Scan# 1233

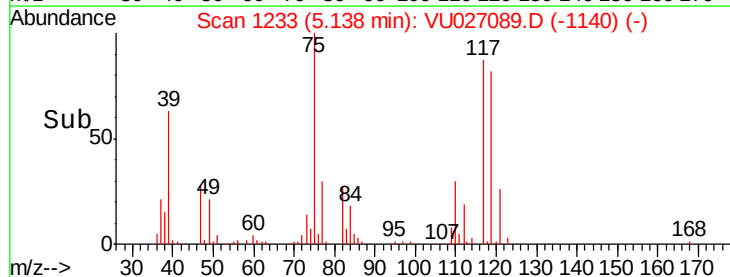
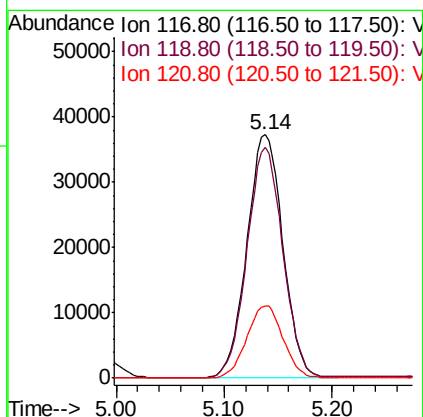
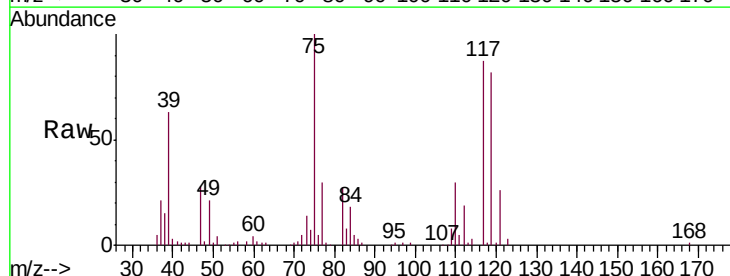
Delta R.T. 0.00 min

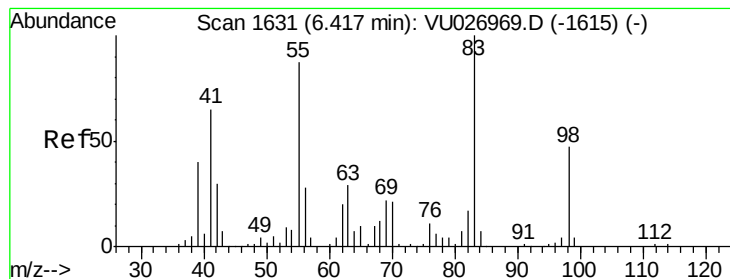
Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Tgt Ion: 117 Resp: 86883

Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.4	111.6
121	29.9	24.2	36.4





#39

Methylcyclohexane

Concen: 51.980 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

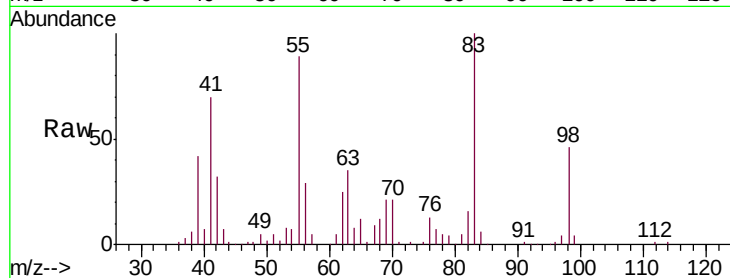
Tgt Ion: 83 Resp: 102991

Ion Ratio Lower Upper

83 100

55 88.7 69.9 104.9

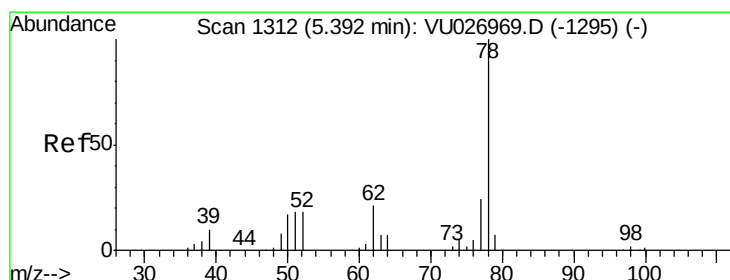
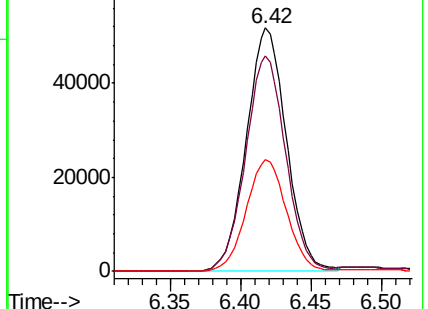
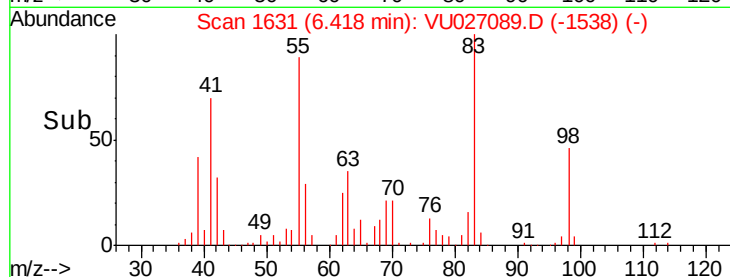
98 45.7 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VU026969.D (-1615) (-)

Ion 55.00 (54.70 to 55.70): VU026969.D (-1615) (-)

Ion 98.00 (97.70 to 98.70): VU026969.D (-1615) (-)



#40

Benzene

Concen: 51.017 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027089.D

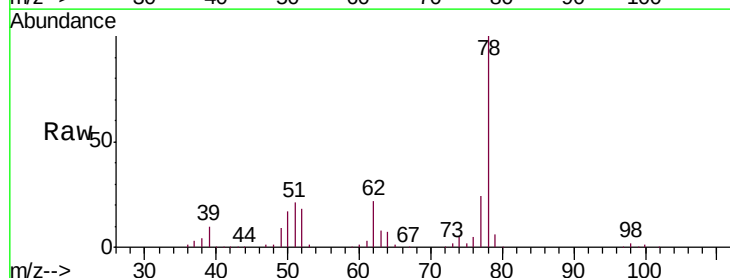
Acq: 23 Sep 2018 21:52

Tgt Ion: 78 Resp: 282772

Ion Ratio Lower Upper

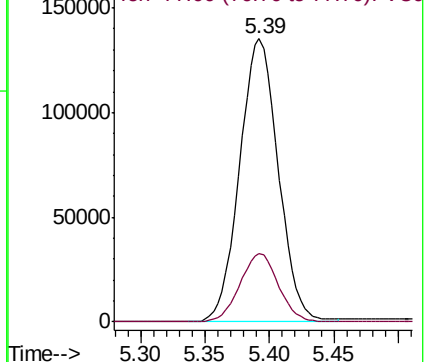
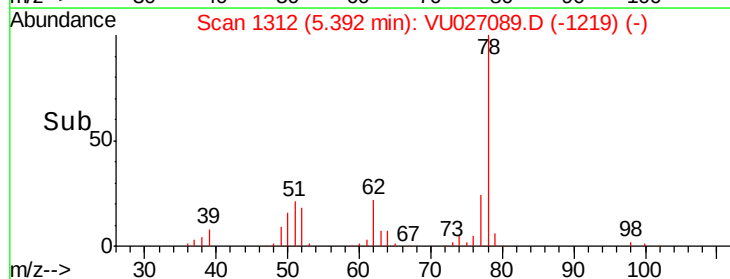
78 100

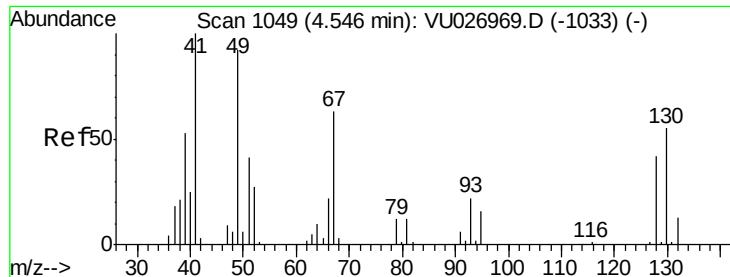
77 24.2 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU026969.D (-1295) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-1295) (-)

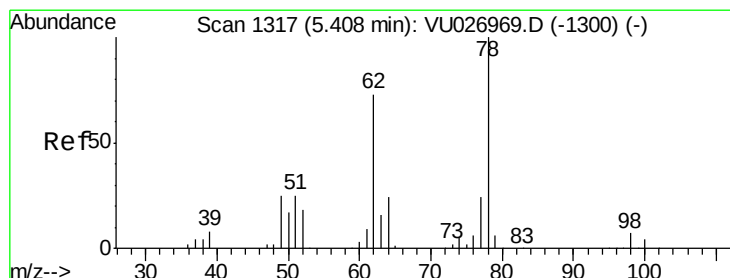
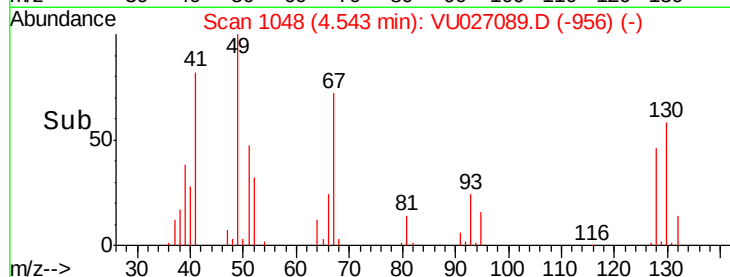
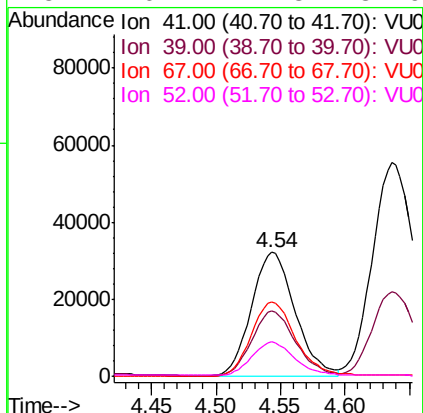
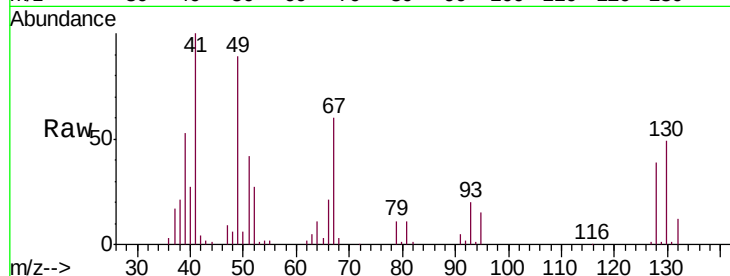




#41
Methacrylonitrile
Concen: 58.711 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

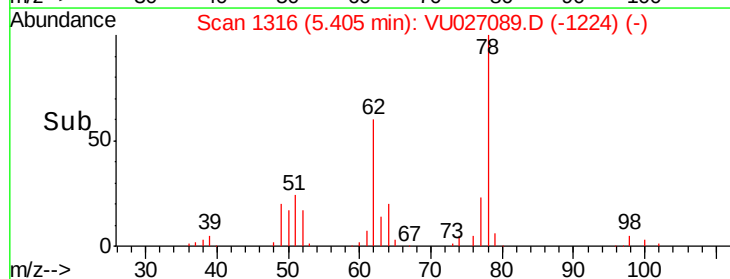
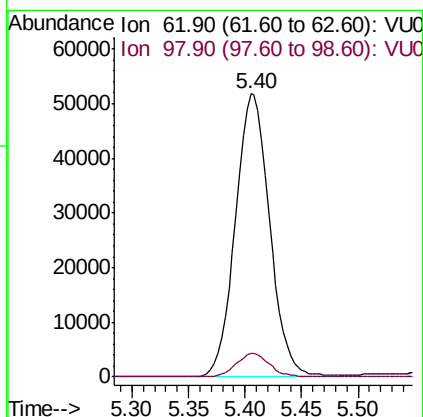
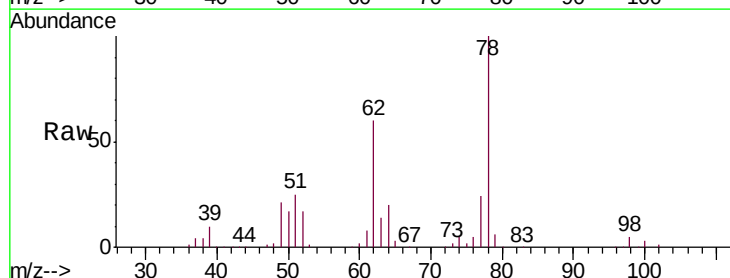
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

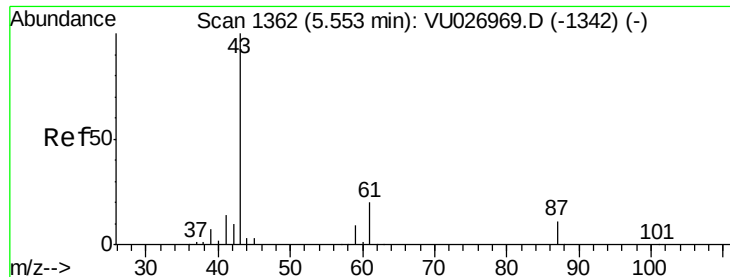
Tgt Ion:	41	Resp:	75259
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.9	64.3
67	62.1	52.4	78.6
52	26.4	21.3	31.9



#42
1,2-Dichloroethane
Concen: 52.405 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion:	62	Resp:	109742
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.0





#43

Isopropyl Acetate

Concen: 47.068 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

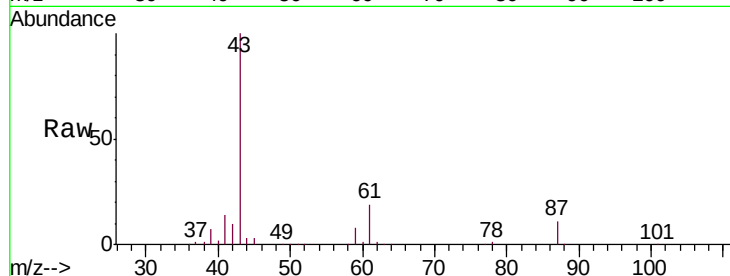
Tgt Ion: 43 Resp: 169424

Ion Ratio Lower Upper

43 100

61 19.4 15.7 23.5

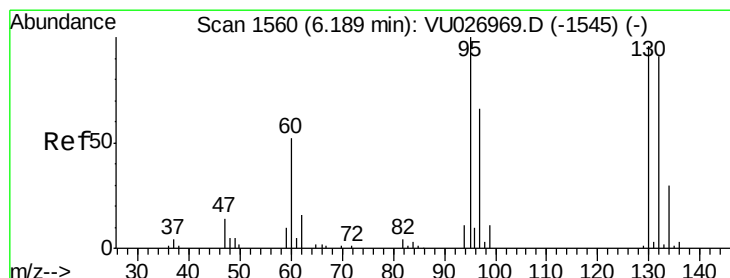
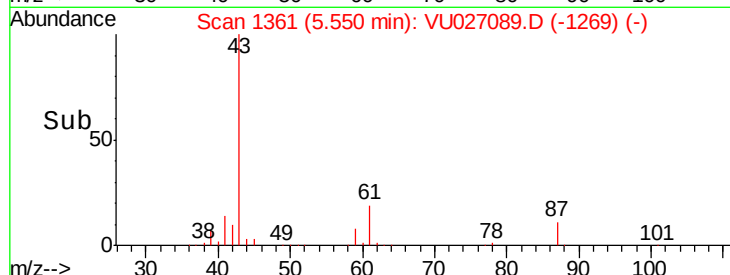
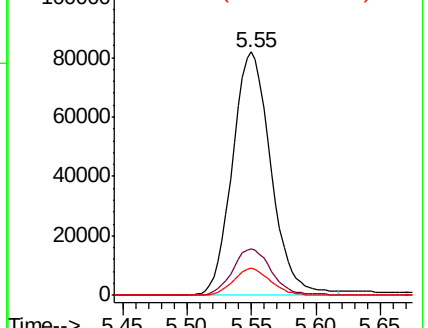
87 10.8 9.0 13.4



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: 50.120 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027089.D

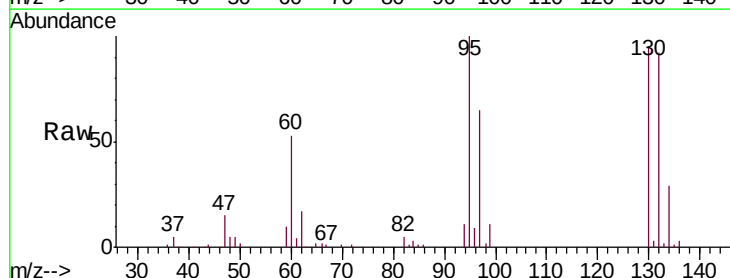
Acq: 23 Sep 2018 21:52

Tgt Ion: 130 Resp: 59141

Ion Ratio Lower Upper

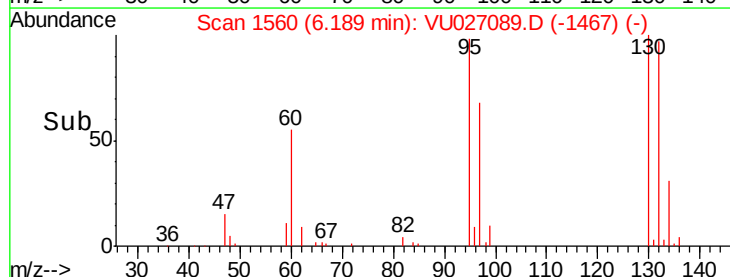
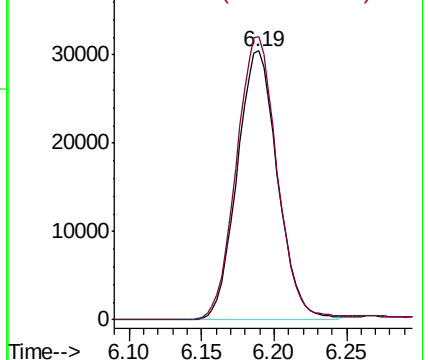
130 100

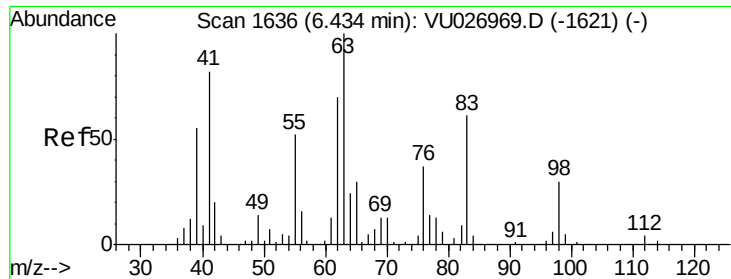
95 105.3 0.0 208.8



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

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

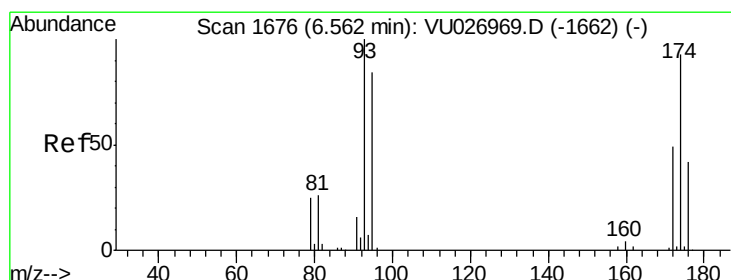
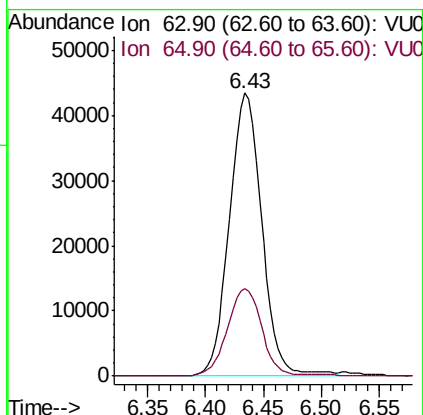
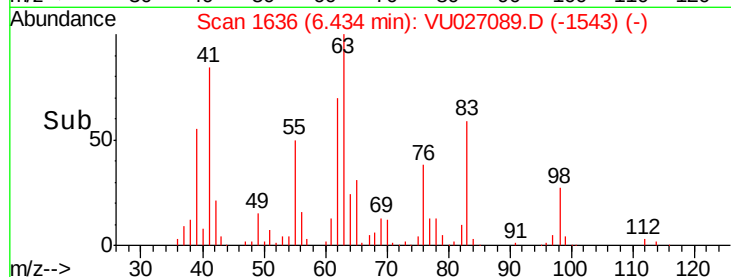
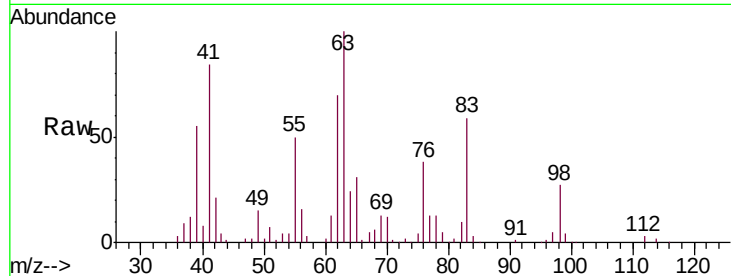




#45
 1,2-Dichloropropane
 Concen: 53.462 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

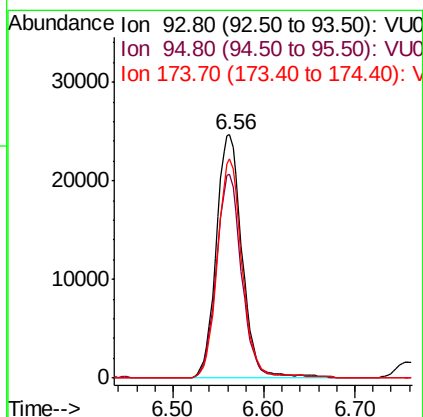
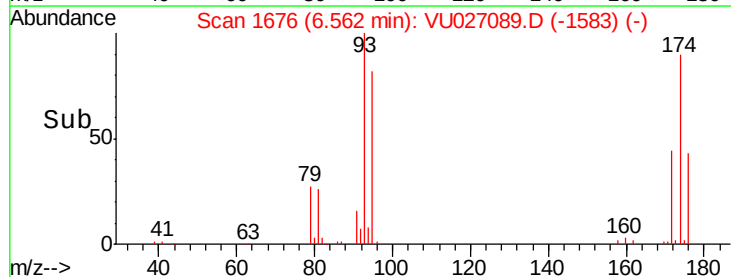
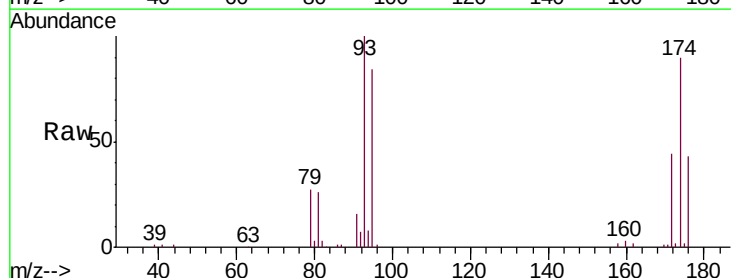
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

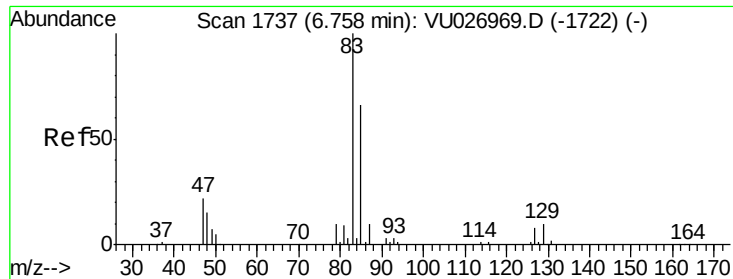
Tgt Ion: 63 Resp: 84432
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 51.136 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion: 93 Resp: 48774
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.2 99.4
 174 85.2 71.7 107.5





#47

Bromodichloromethane

Concen: 51.295 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

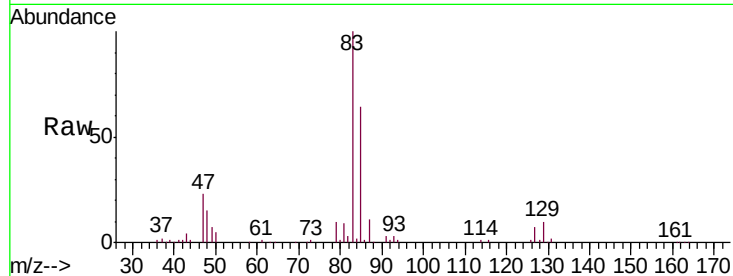
Tgt Ion: 83 Resp: 98931

Ion Ratio Lower Upper

83 100

85 64.1 52.5 78.7

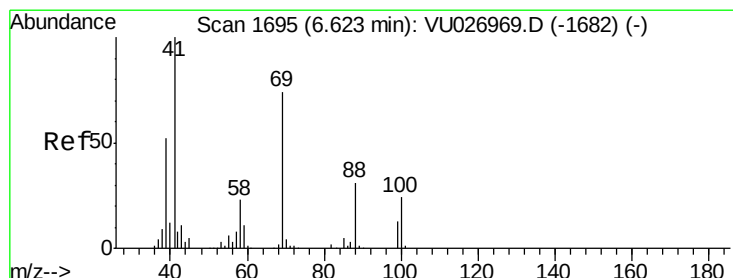
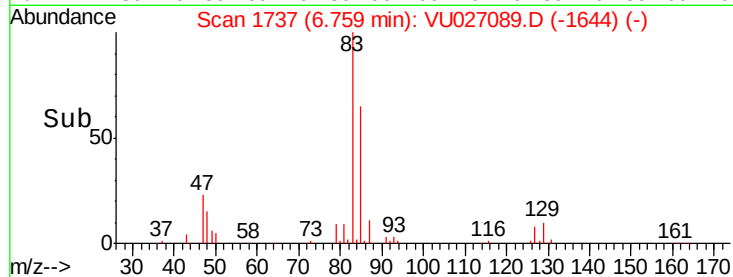
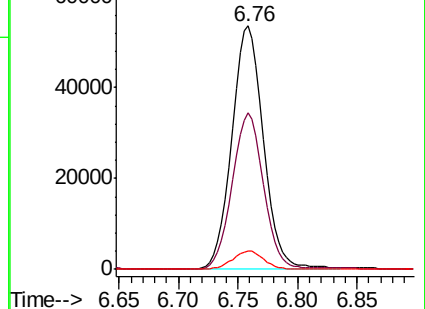
127 7.5 6.3 9.5



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): VU0



#48

Methyl methacrylate

Concen: 52.465 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

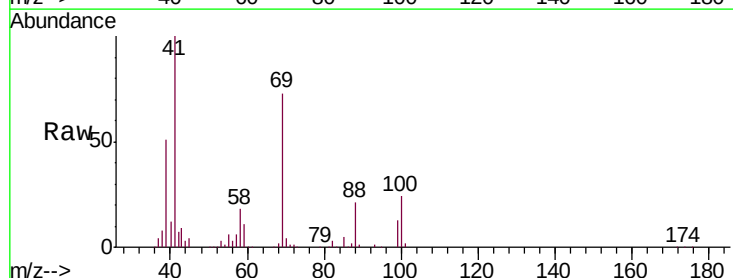
Tgt Ion: 41 Resp: 102888

Ion Ratio Lower Upper

41 100

69 76.2 60.6 90.8

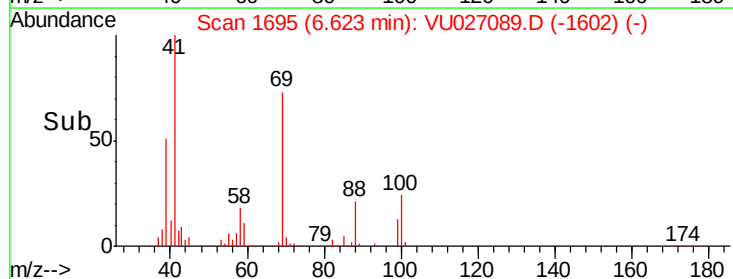
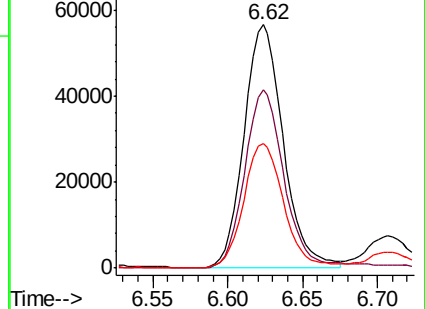
39 52.4 42.8 64.2

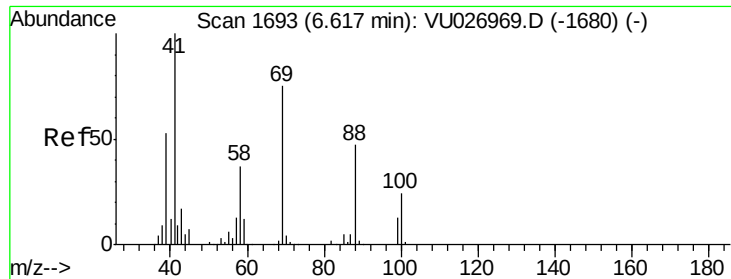


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

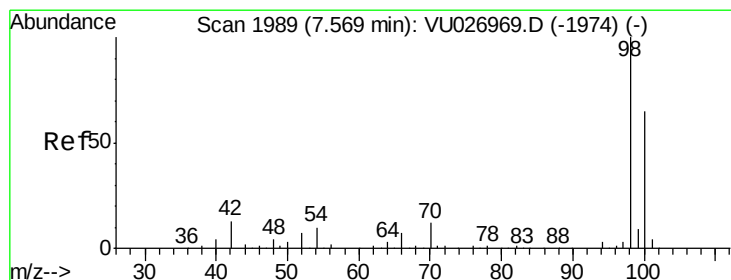
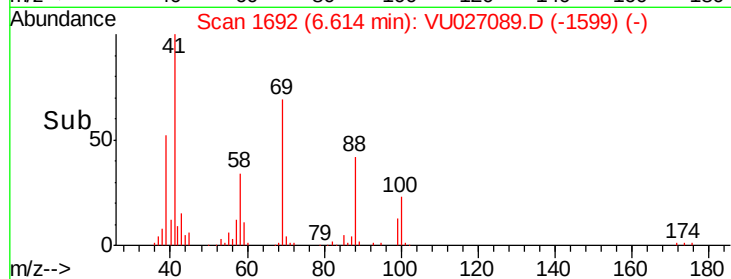
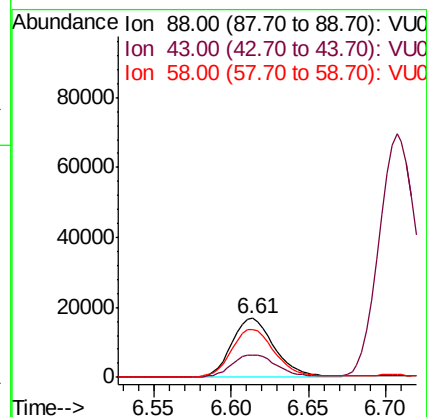
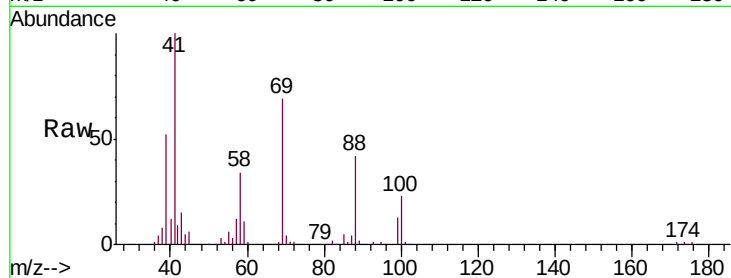




#49
1,4-Dioxane
Concen: 843.195 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

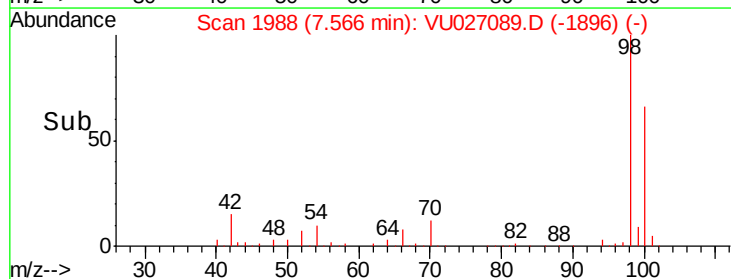
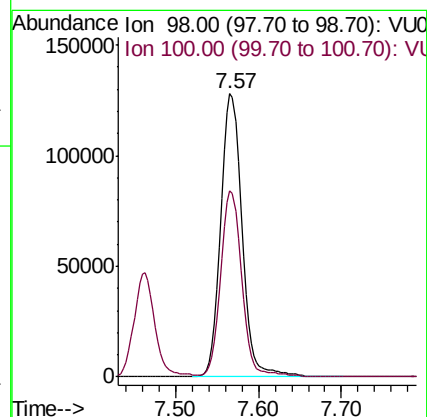
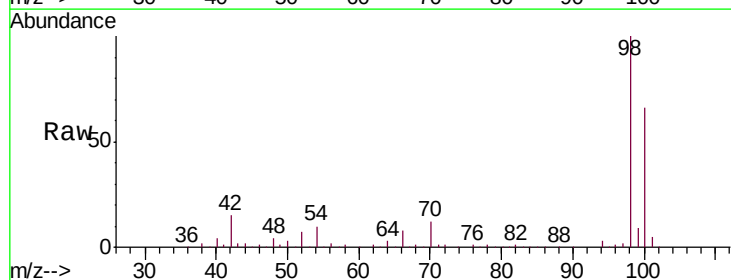
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

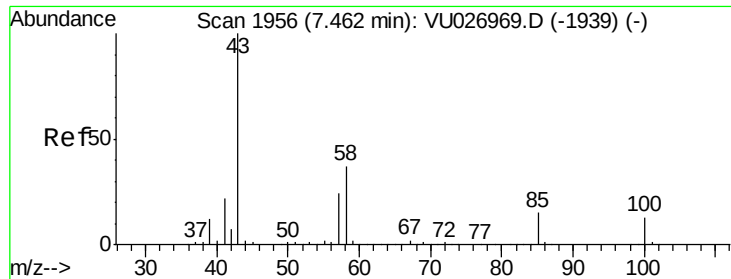
Tgt Ion: 88 Resp: 32818
Ion Ratio Lower Upper
88 100
43 40.4 29.8 44.8
58 82.0 63.9 95.9



#50
Toluene-d8
Concen: 50.589 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion: 98 Resp: 228303
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 289.481 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

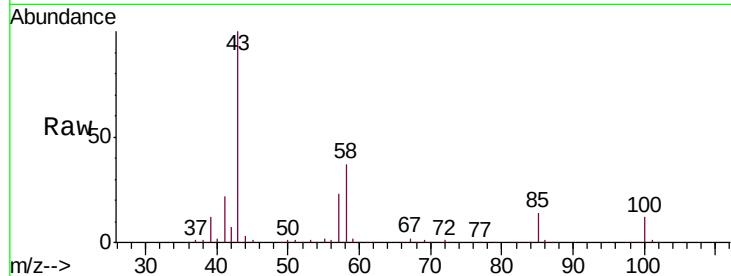
SA-SW204-20180914MS

Tgt Ion: 43 Resp: 700814

Ion Ratio Lower Upper

43 100

58 36.5 29.8 44.6



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

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

7.46

400000

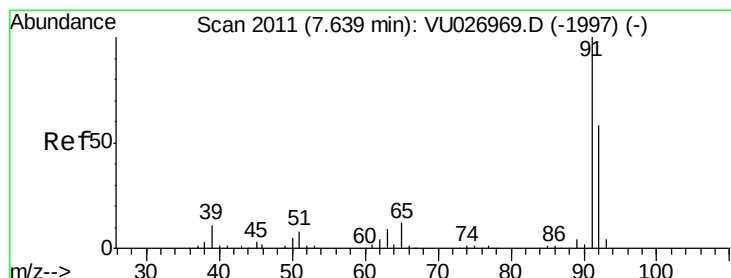
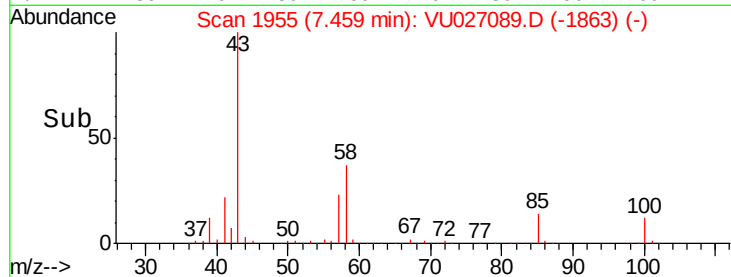
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.216 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027089.D

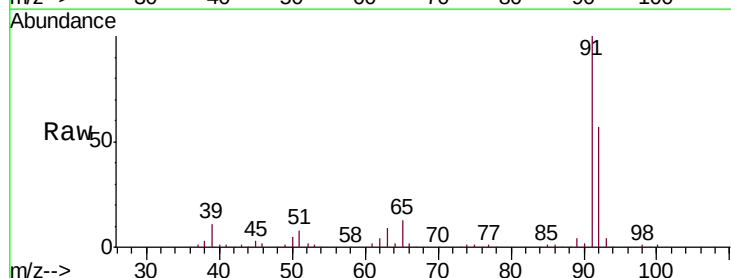
Acq: 23 Sep 2018 21:52

Tgt Ion: 92 Resp: 169069

Ion Ratio Lower Upper

92 100

91 173.0 136.4 204.6



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

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

7.64

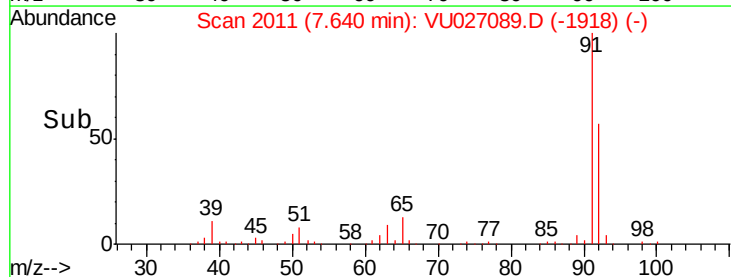
150000

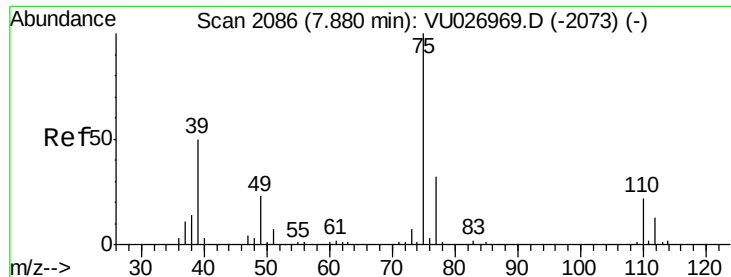
100000

50000

0

Time-->

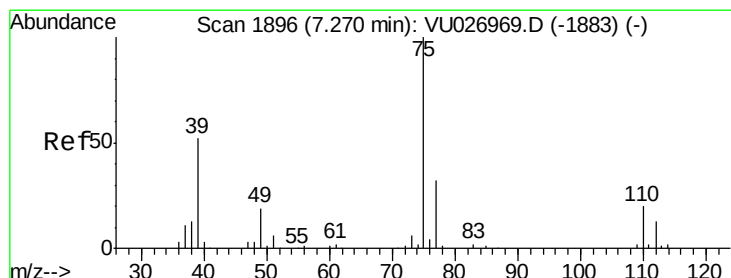
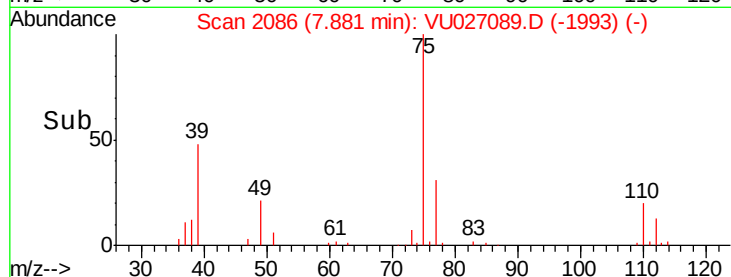
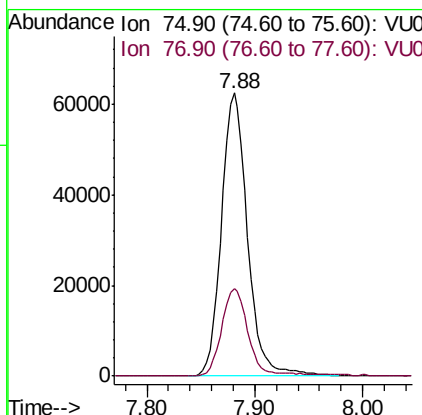
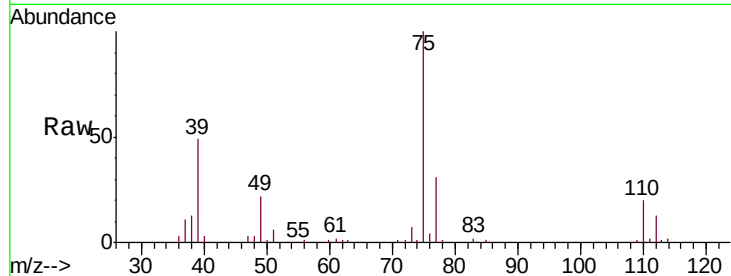




#53
t-1,3-Dichloropropene
Concen: 50.609 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

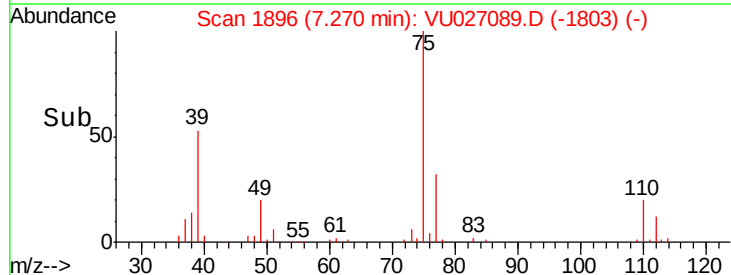
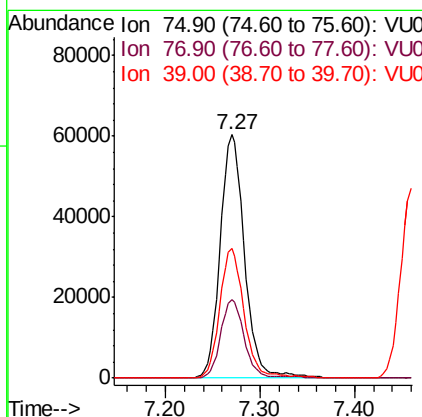
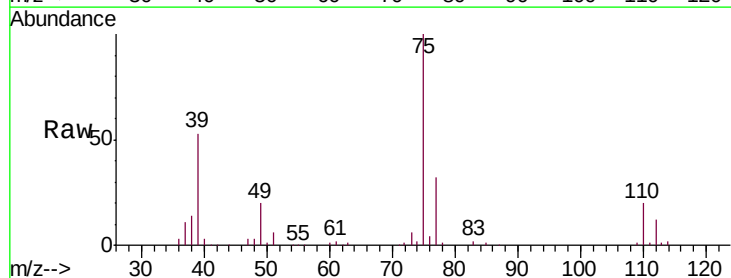
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

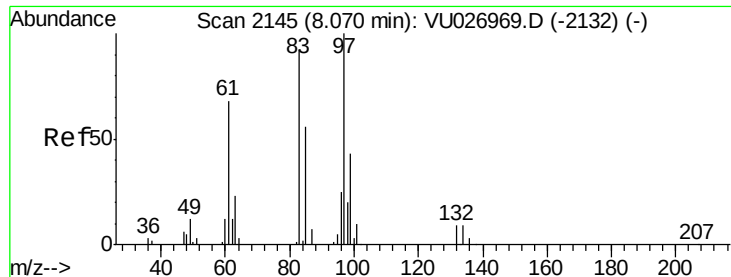
Tgt Ion: 75 Resp: 104870
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 47.512 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion: 75 Resp: 108252
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 53.0 41.6 62.4

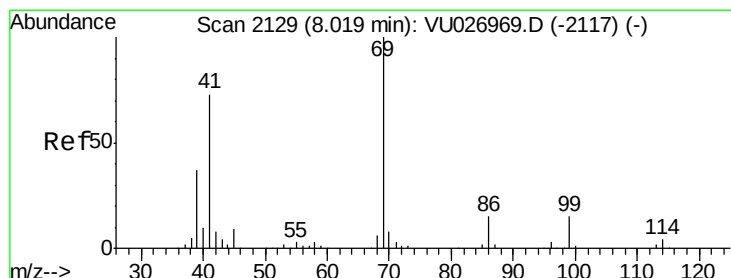
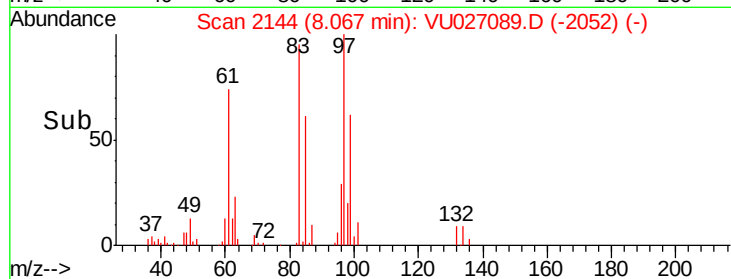
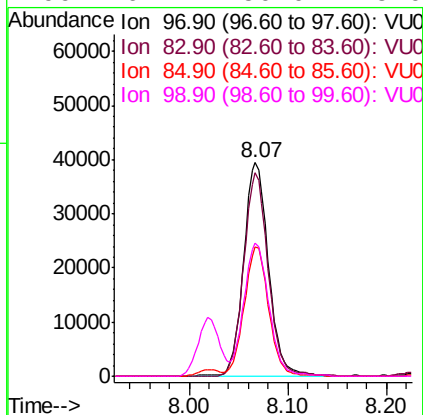
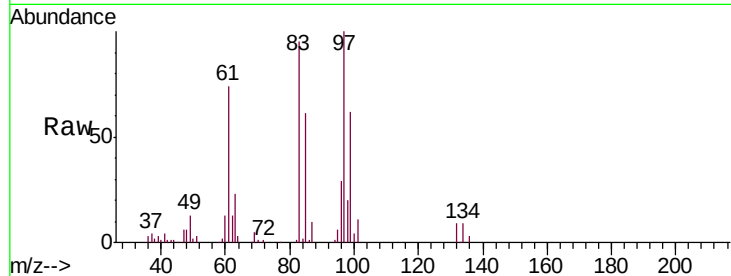




#55
 1,1,2-Trichloroethane
 Concen: 50.989 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

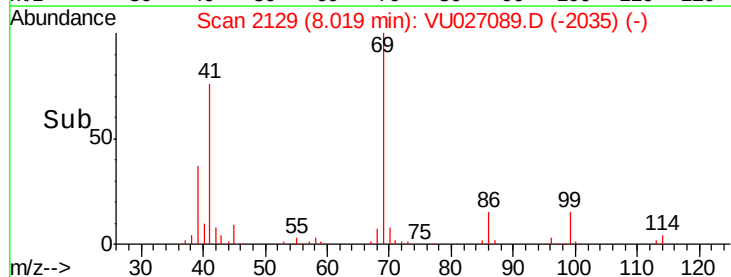
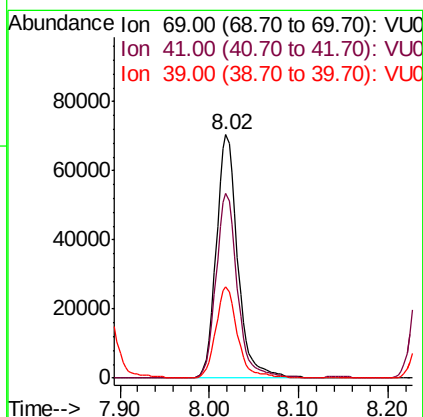
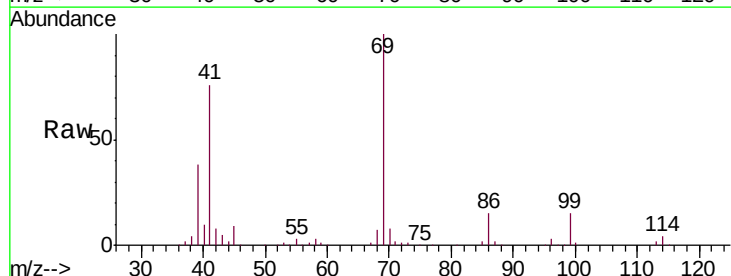
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

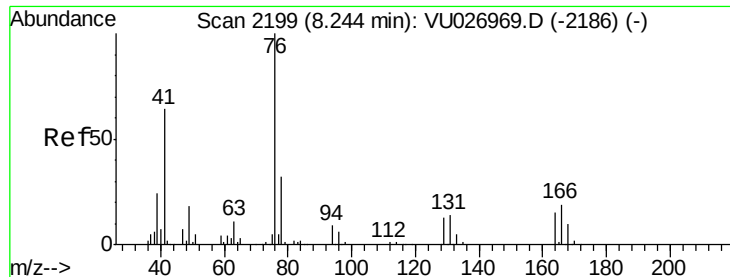
Tgt Ion: 97 Resp: 68641
 Ion Ratio Lower Upper
 97 100
 83 95.0 73.1 109.7
 85 60.6 46.7 70.1
 99 62.2 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 50.327 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion: 69 Resp: 117589
 Ion Ratio Lower Upper
 69 100
 41 76.3 59.0 88.4
 39 37.2 30.2 45.4

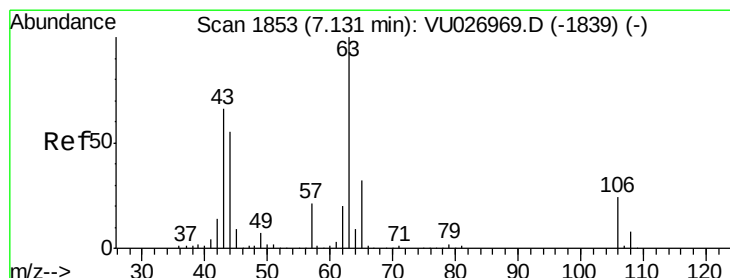
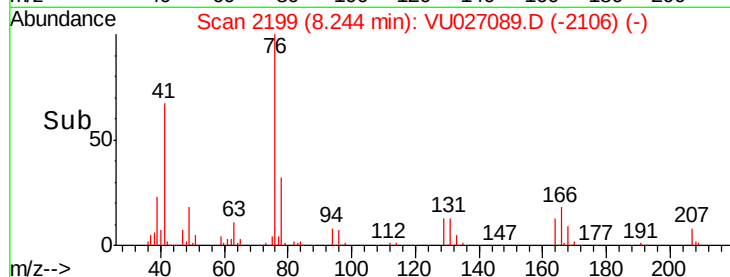
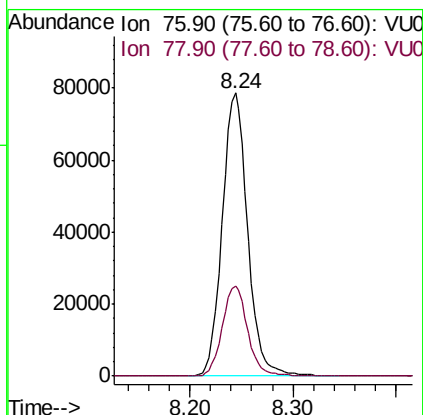
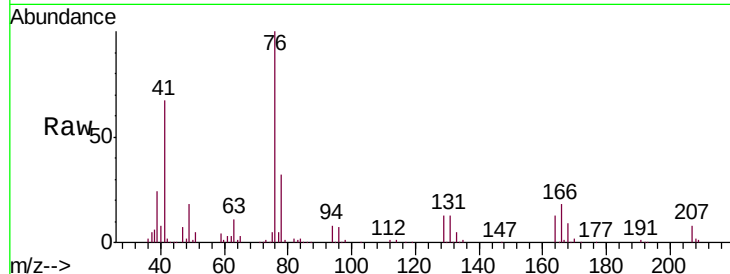




#57
 1,3-Dichloropropane
 Concen: 53.743 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

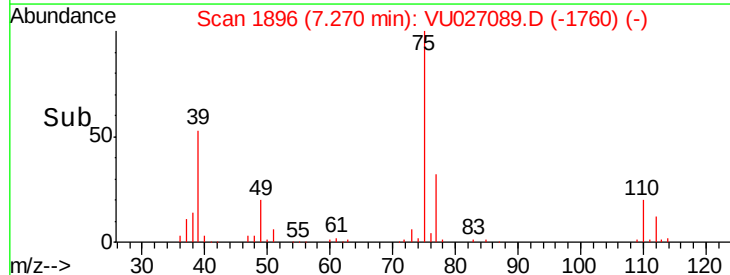
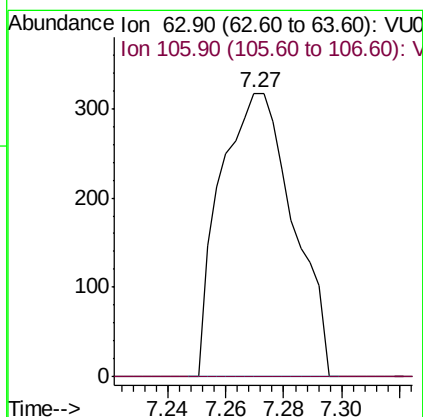
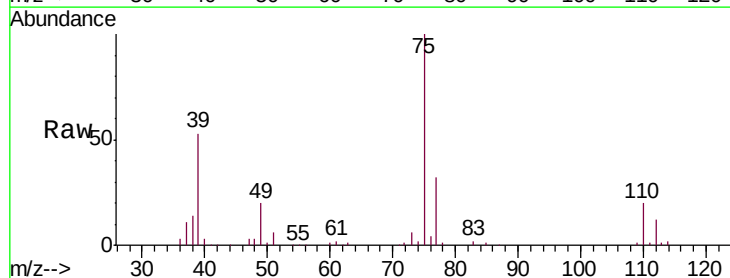
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

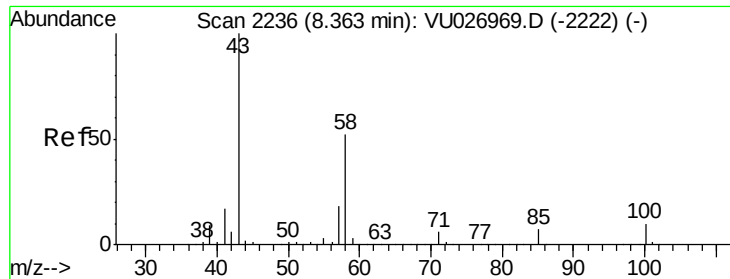
Tgt Ion: 76 Resp: 134562
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.270 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.14 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion: 63 Resp: 552
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#

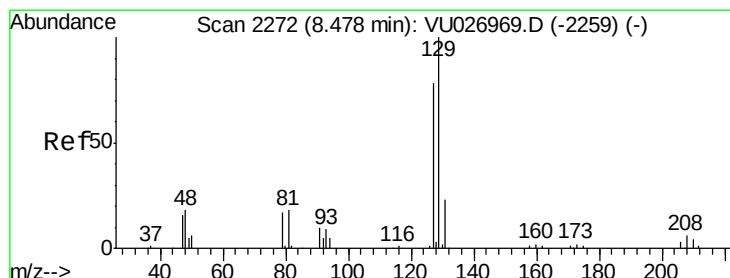
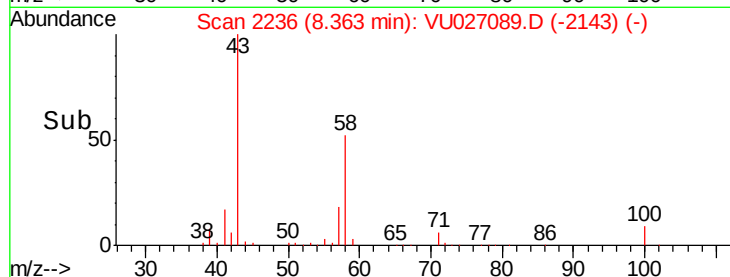
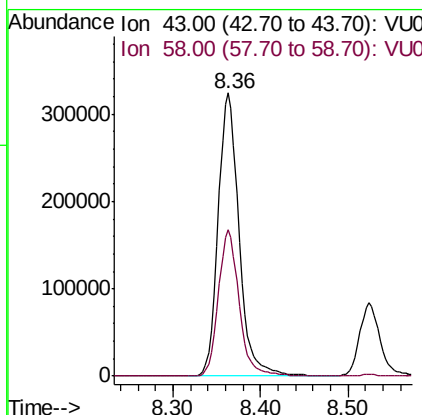
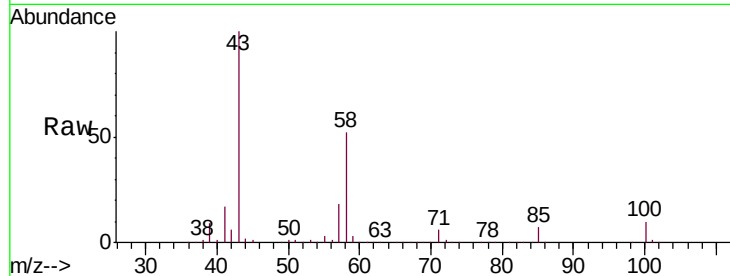




#59
 2-Hexanone
 Concen: 284.299 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

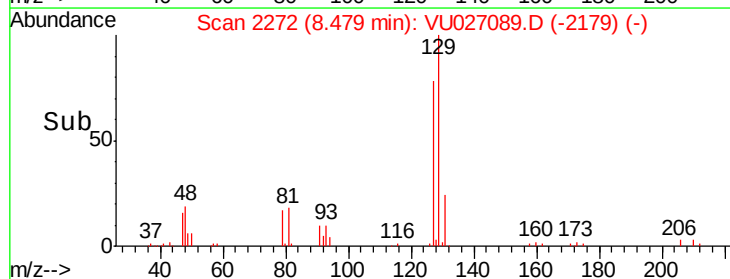
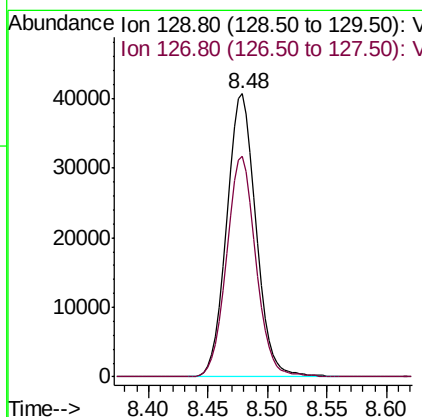
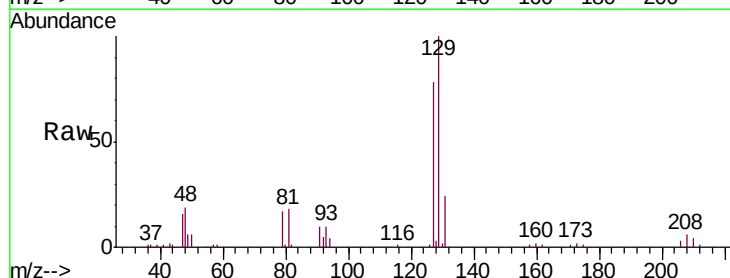
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

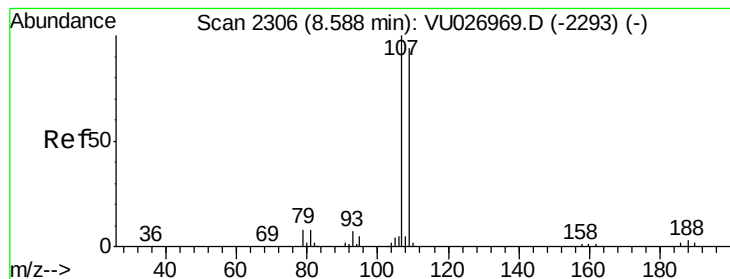
Tgt Ion: 43 Resp: 538762
 Ion Ratio Lower Upper
 43 100
 58 51.5 26.1 78.2



#60
 Dibromochloromethane
 Concen: 52.685 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion: 129 Resp: 69569
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 51.532 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

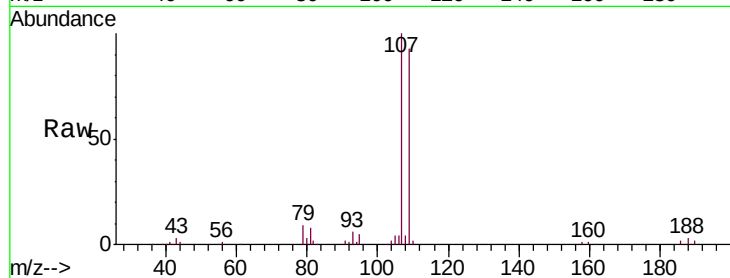
SA-SW204-20180914MS

Tgt Ion: 107 Resp: 72179

Ion Ratio Lower Upper

107 100

109 92.8 75.0 112.6

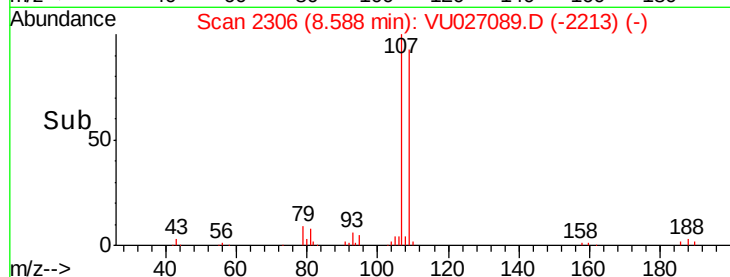


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

Time-->



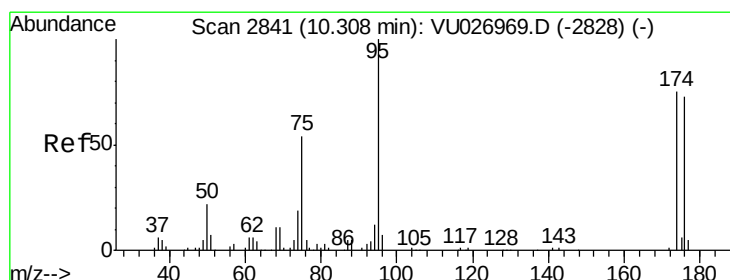
Abundance

Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

Time-->



#62

4-Bromofluorobenzene

Concen: 52.466 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

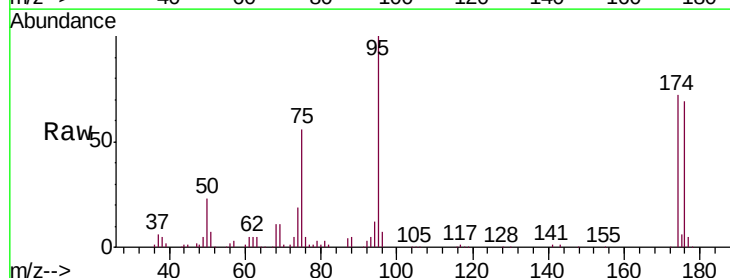
Tgt Ion: 95 Resp: 81245

Ion Ratio Lower Upper

95 100

174 72.2 0.0 150.2

176 68.6 0.0 145.2



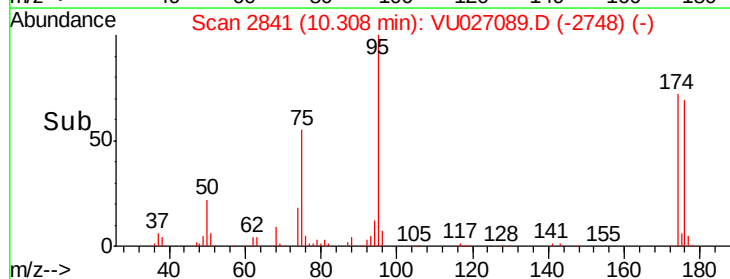
Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

Time-->



Abundance

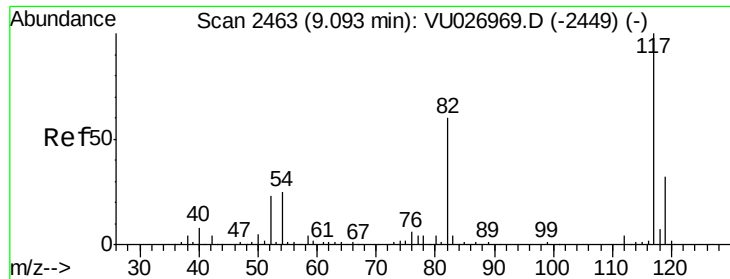
Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

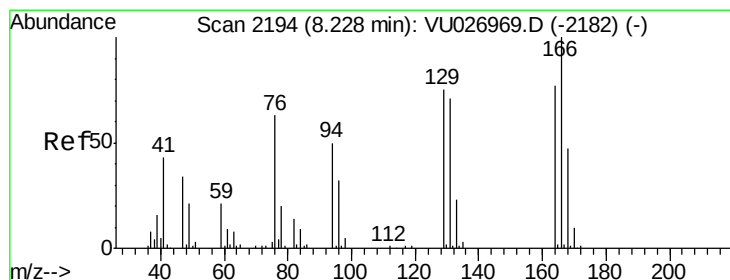
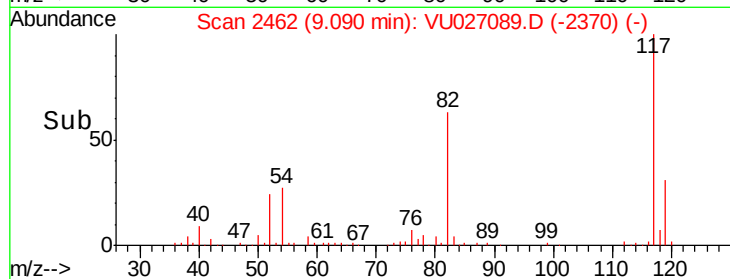
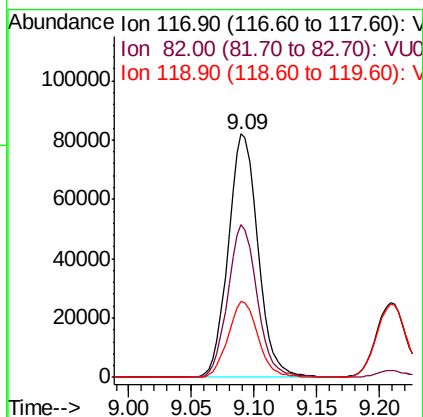
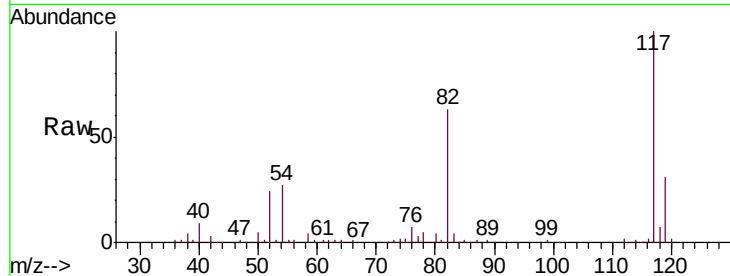
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

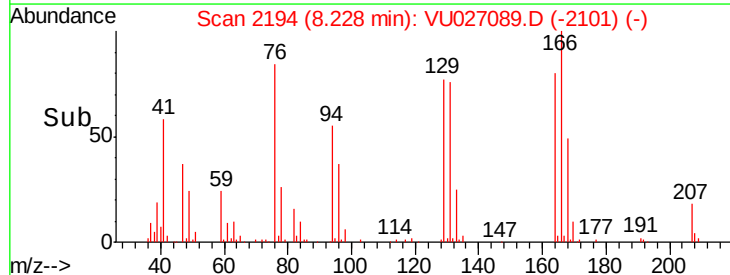
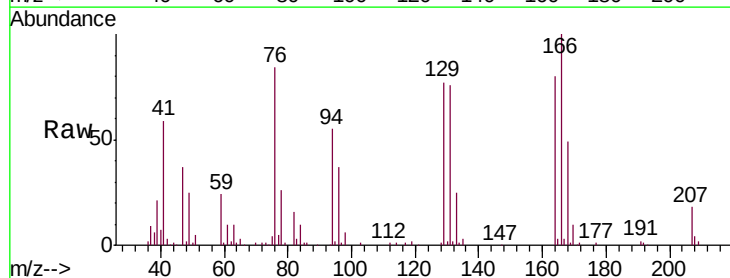
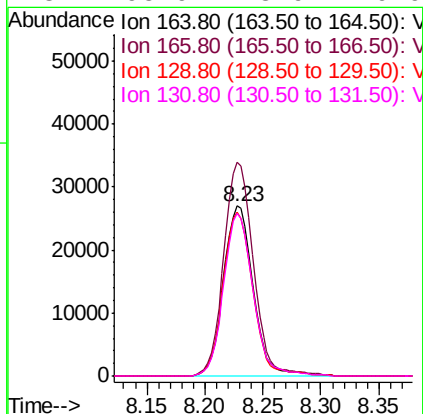
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

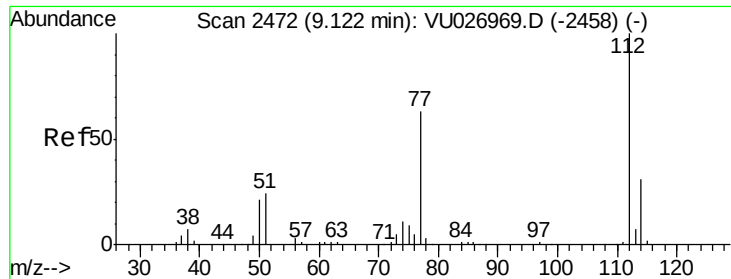
Tgt Ion:117 Resp: 135280
Ion Ratio Lower Upper
117 100
82 62.6 48.0 72.0
119 31.1 25.8 38.8



#64
Tetrachloroethene
Concen: 45.728 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion:164 Resp: 47668
Ion Ratio Lower Upper
164 100
166 125.8 104.4 156.6
129 96.5 78.7 118.1
131 95.9 73.9 110.9

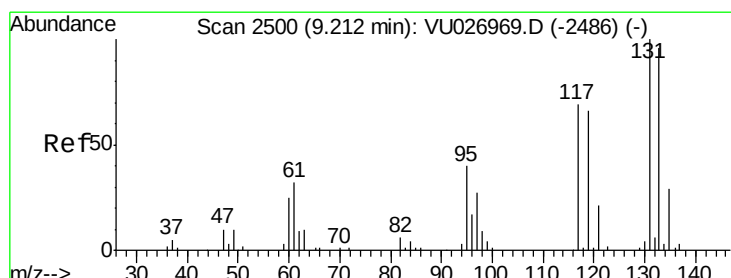
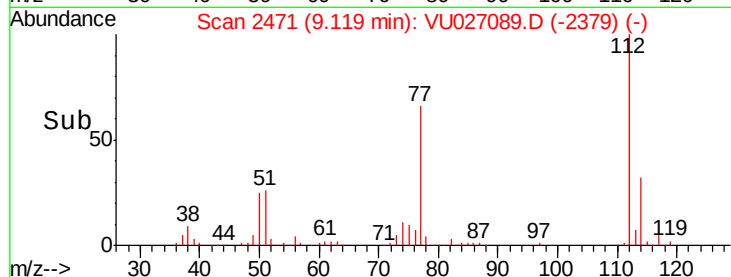
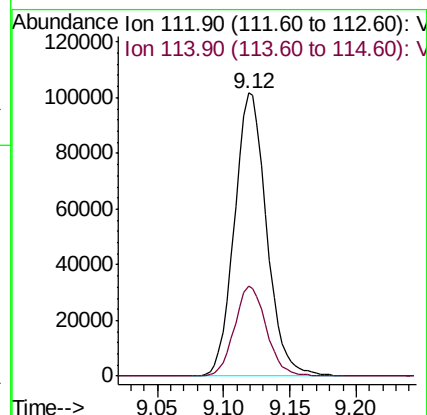
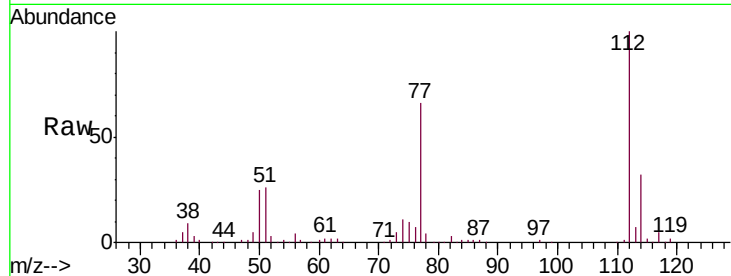




#65
Chlorobenzene
Concen: 47.762 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

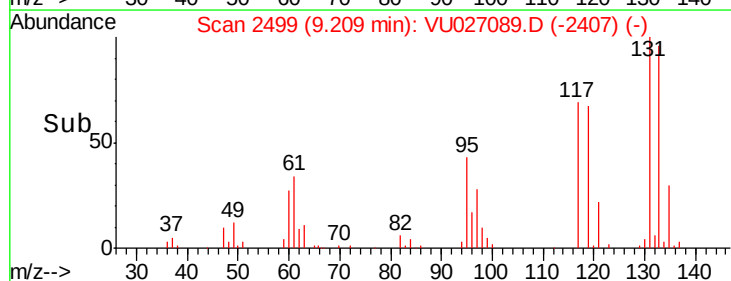
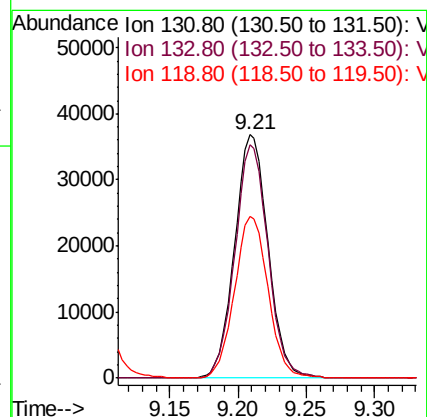
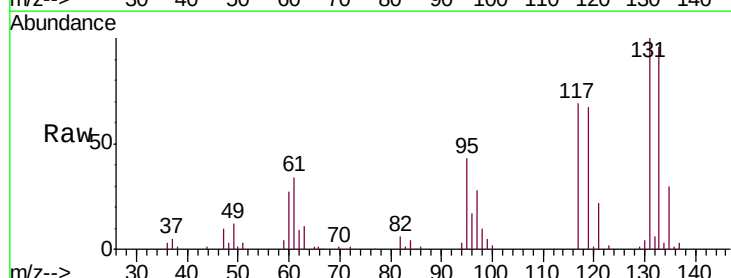
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

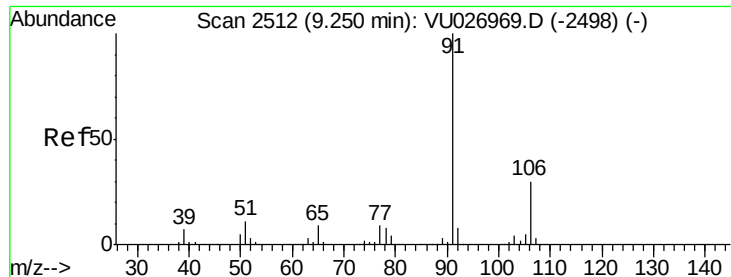
Tgt Ion:112 Resp: 171320
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.777 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion:131 Resp: 62734
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.2
119 66.9 33.4 100.1

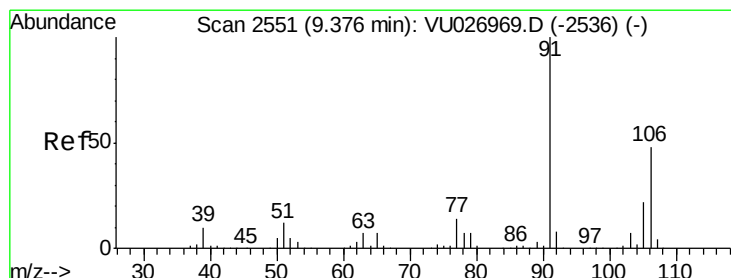
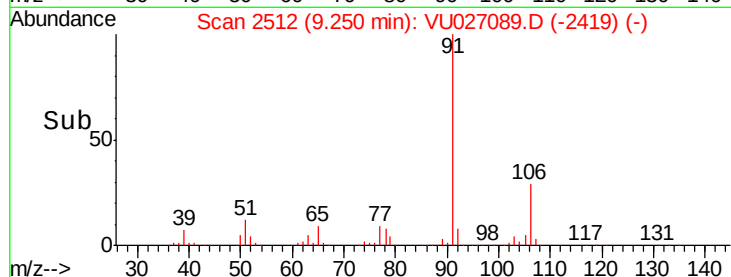
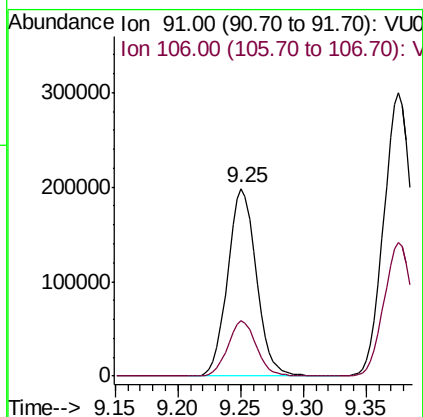
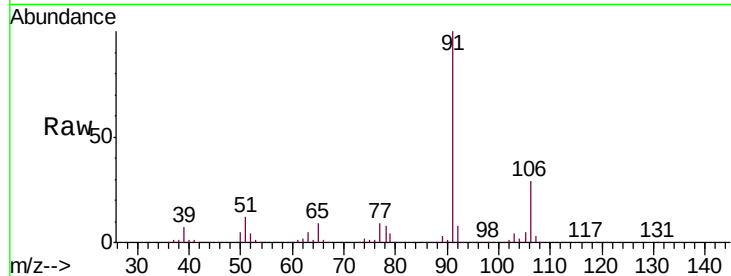




#67
Ethyl Benzene
Concen: 53.432 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

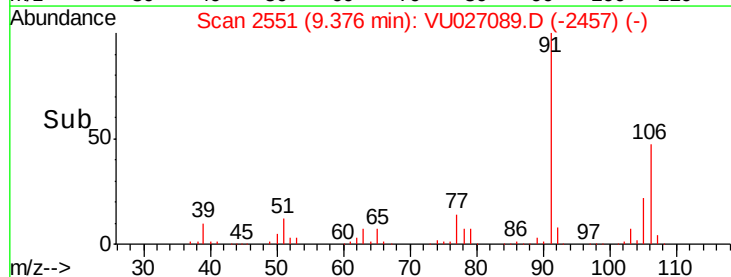
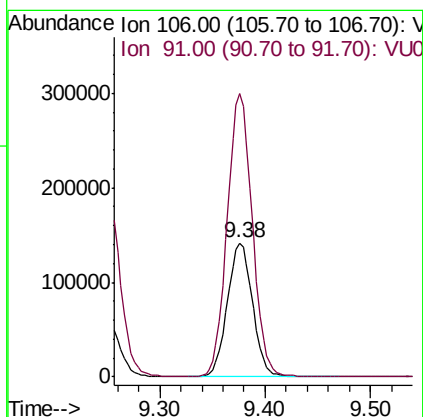
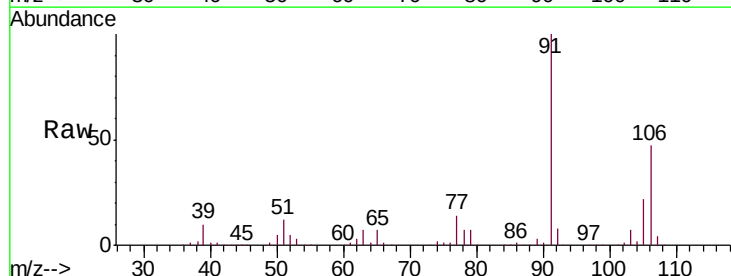
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

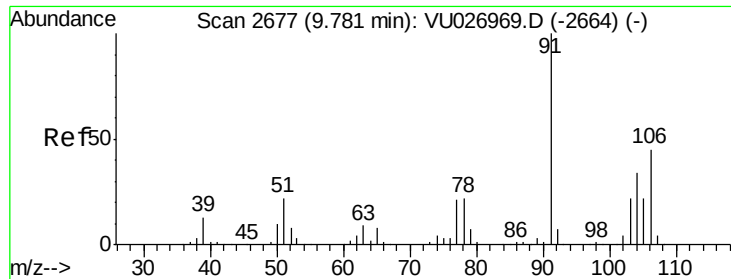
Tgt Ion: 91 Resp: 315161
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.8



#68
m/p-Xylenes
Concen: 98.086 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion: 106 Resp: 234233
Ion Ratio Lower Upper
106 100
91 210.5 166.5 249.7

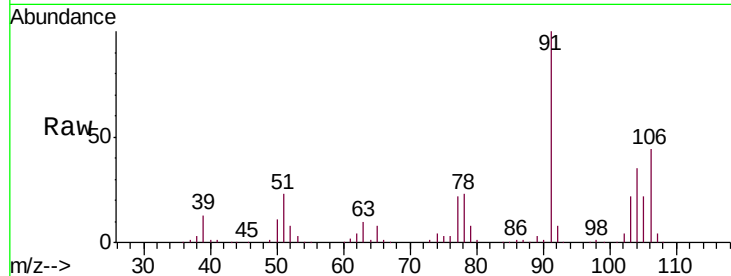




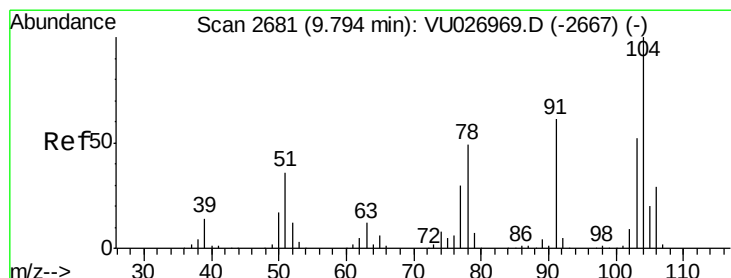
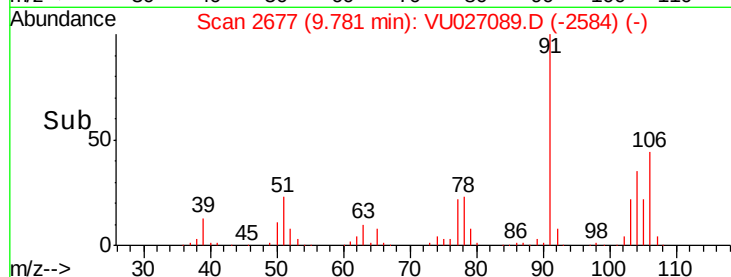
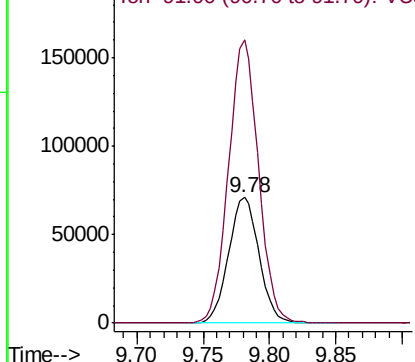
#69
o-Xylene
Concen: 54.344 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MS

Tgt Ion:106 Resp: 113572
Ion Ratio Lower Upper
106 100
91 221.5 110.2 330.6

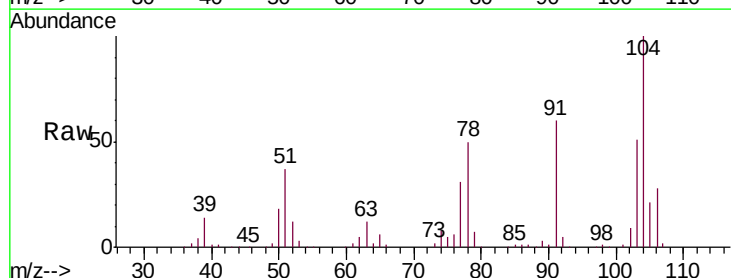


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

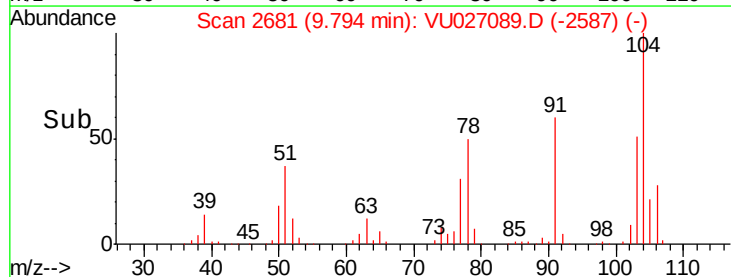
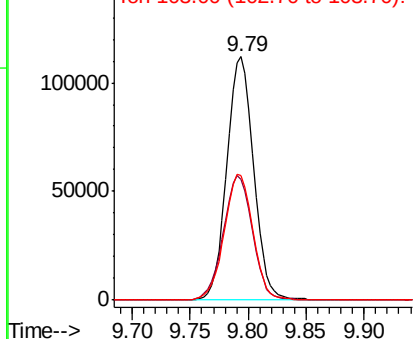


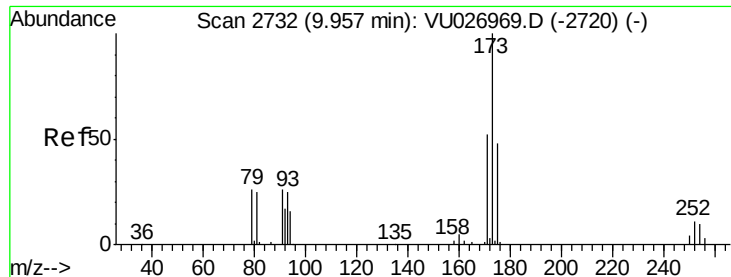
#70
Styrene
Concen: 45.962 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027089.D
Acq: 23 Sep 2018 21:52

Tgt Ion:104 Resp: 178759
Ion Ratio Lower Upper
104 100
78 55.7 43.0 64.4
103 55.5 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: 52.666 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

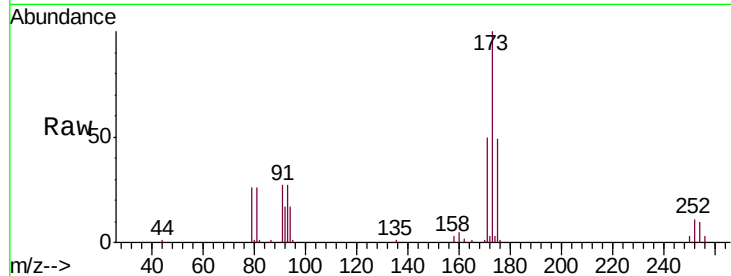
Tgt Ion:173 Resp: 50317

Ion Ratio Lower Upper

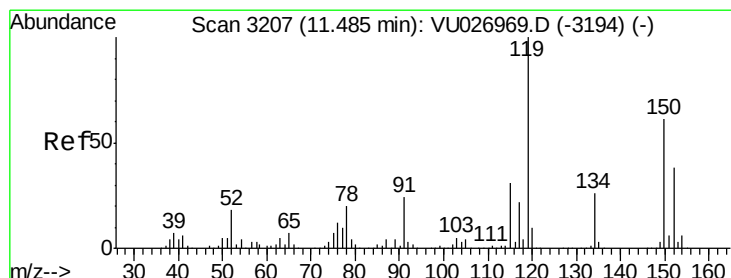
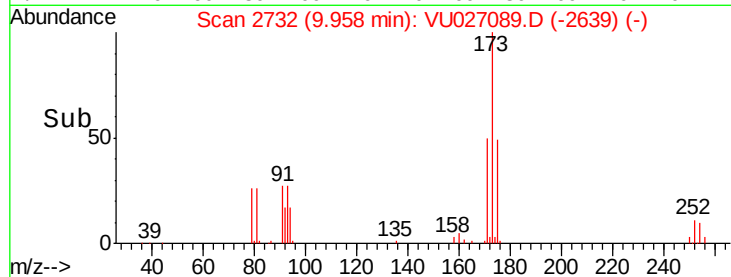
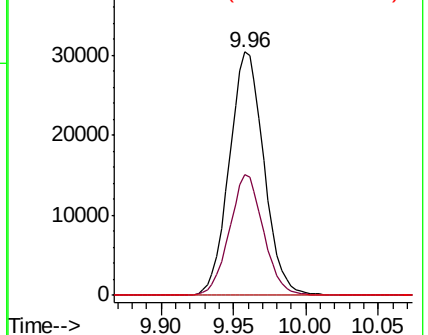
173 100

175 48.4 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# 3206

Delta R.T. -0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

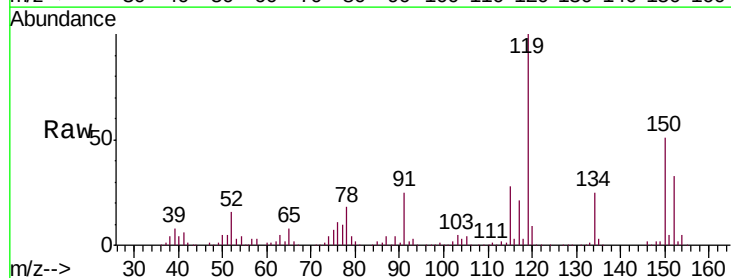
Tgt Ion:152 Resp: 73868

Ion Ratio Lower Upper

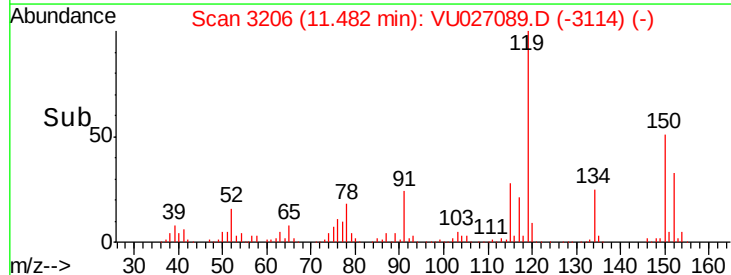
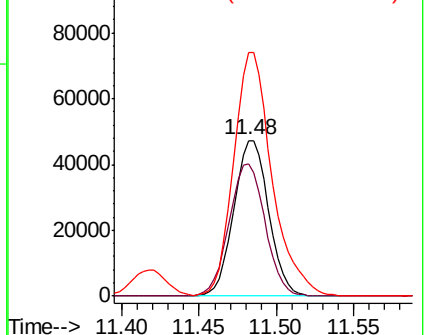
152 100

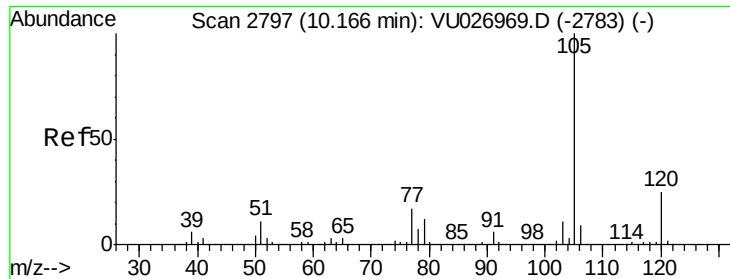
115 87.9 44.9 134.5

150 172.9 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: 54.212 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

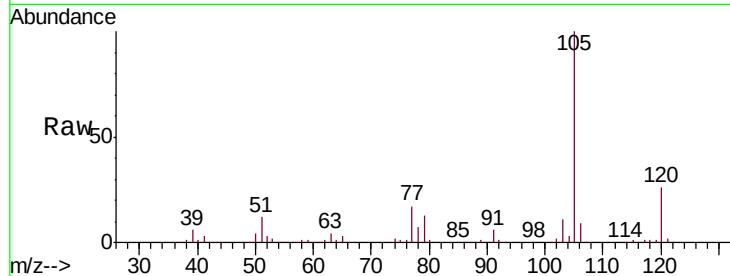
SA-SW204-20180914MS

Tgt Ion: 105 Resp: 304622

Ion Ratio Lower Upper

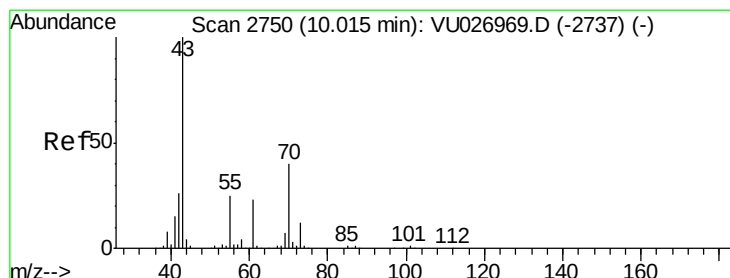
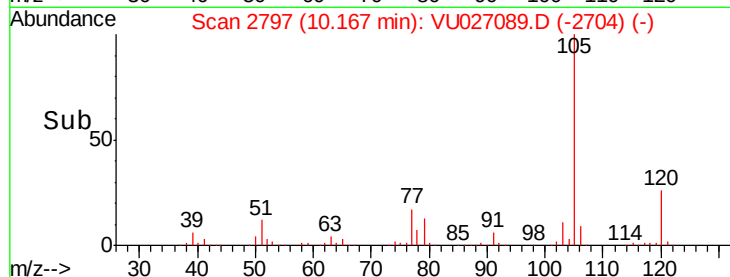
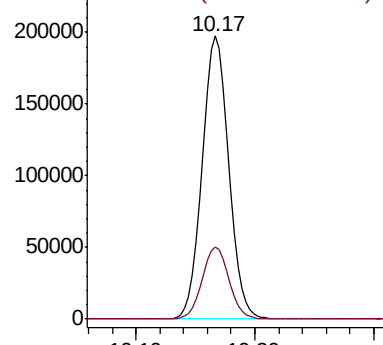
105 100

120 25.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.295 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Tgt Ion: 43 Resp: 131061

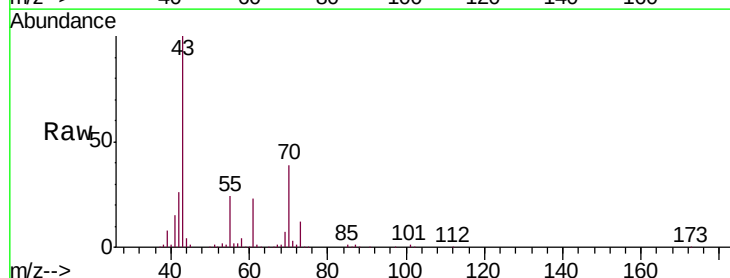
Ion Ratio Lower Upper

43 100

70 38.3 31.8 47.8

55 24.6 19.9 29.9

61 22.6 18.4 27.6

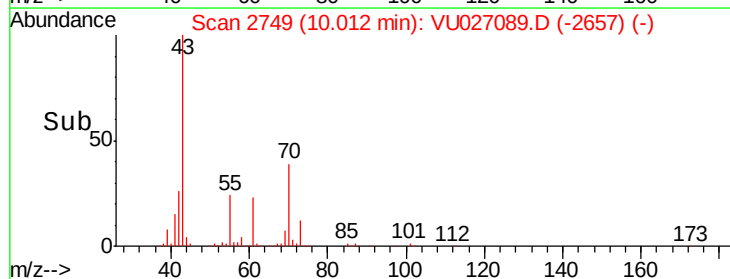
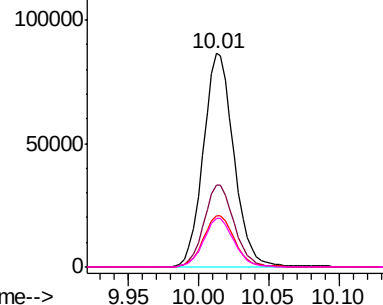


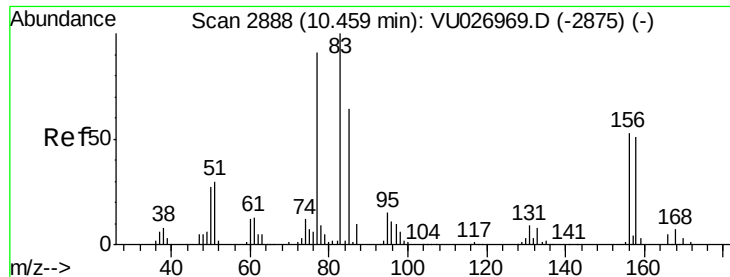
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.680 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

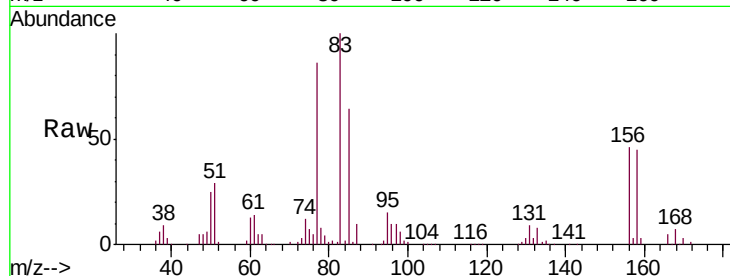
Tgt Ion: 83 Resp: 123180

Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.8

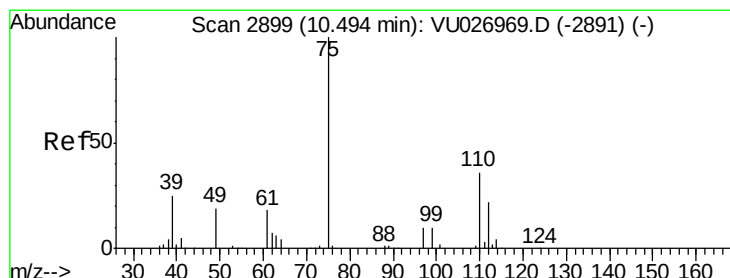
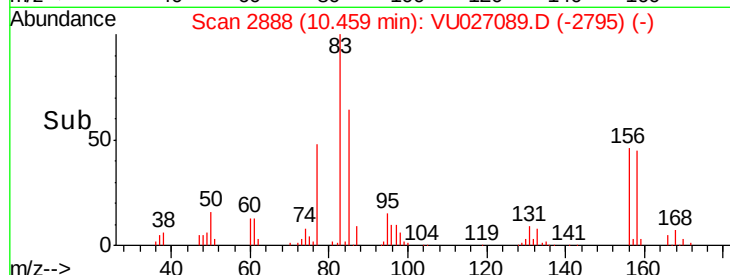
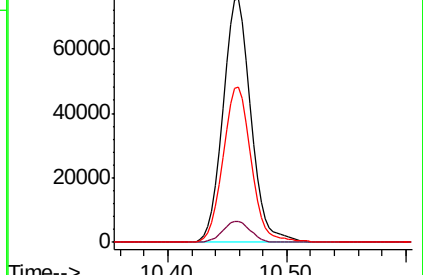
85 64.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026969.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 62.941 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027089.D

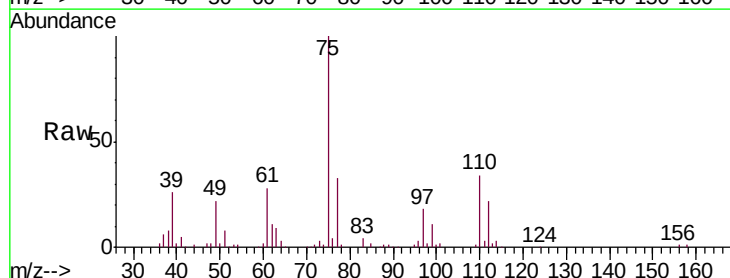
Acq: 23 Sep 2018 21:52

Tgt Ion: 75 Resp: 141246

Ion Ratio Lower Upper

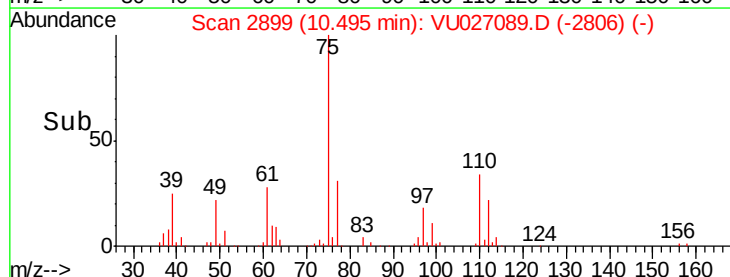
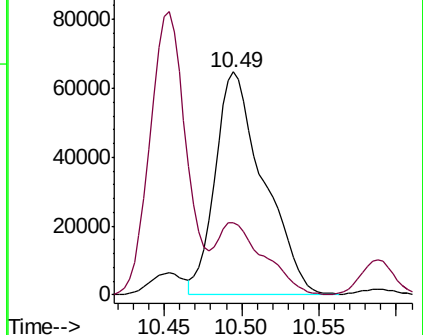
75 100

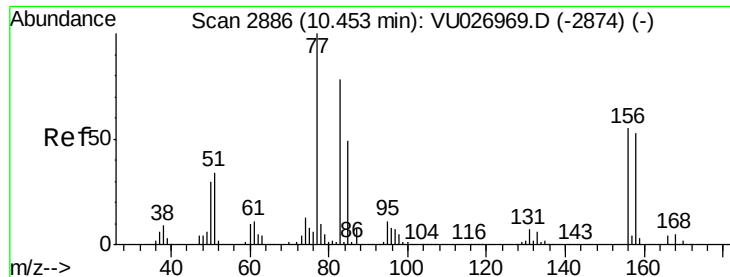
77 31.8 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2891) (-)





#77

Bromobenzene

Concen: 49.202 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

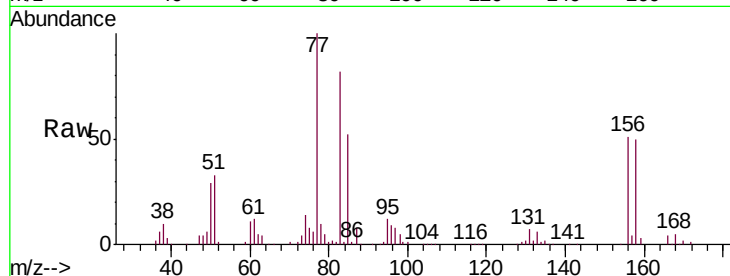
Tgt Ion:156 Resp: 67560

Ion Ratio Lower Upper

156 100

77 199.3 92.3 276.9

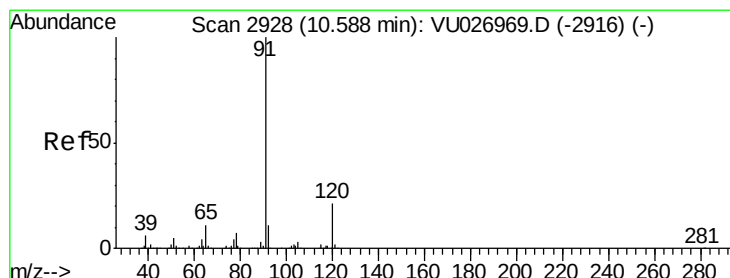
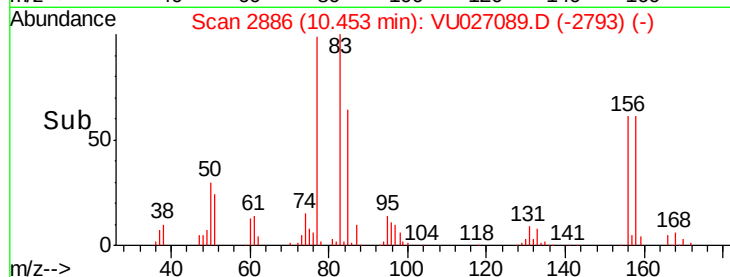
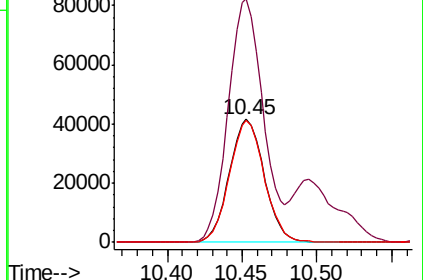
158 98.9 48.1 144.3



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: 54.892 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027089.D

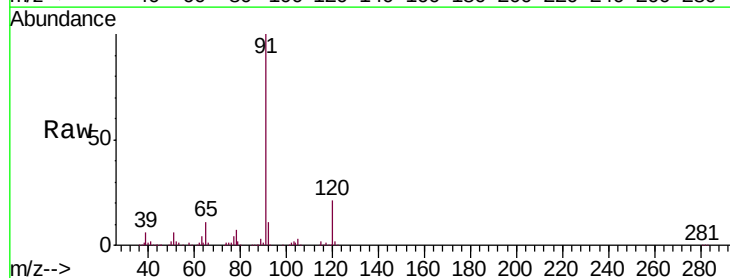
Acq: 23 Sep 2018 21:52

Tgt Ion: 91 Resp: 364958

Ion Ratio Lower Upper

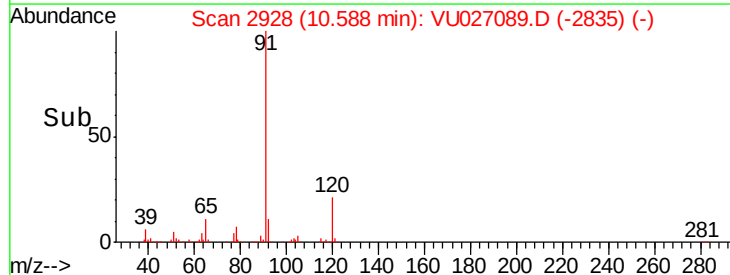
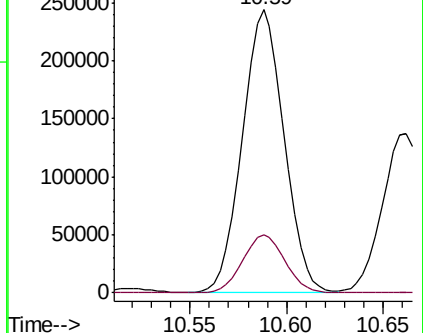
91 100

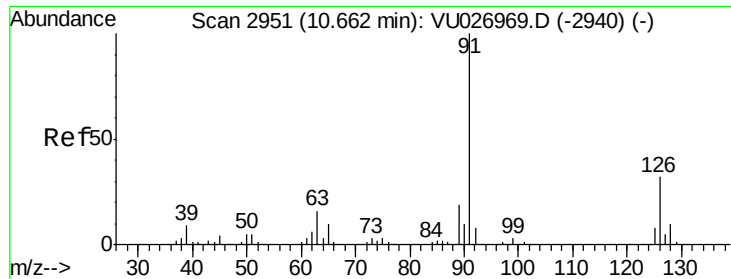
120 20.8 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.953 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

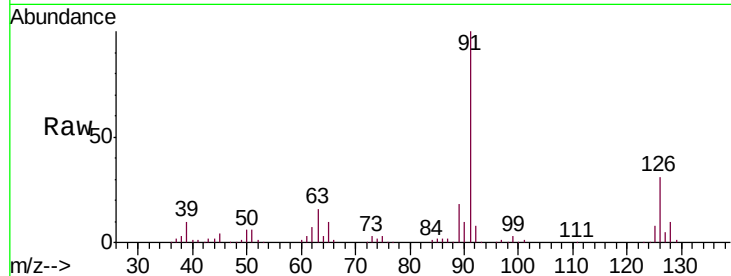
SA-SW204-20180914MS

Tgt Ion: 91 Resp: 216966

Ion Ratio Lower Upper

91 100

126 31.2 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU026969.D (-2940) (-)

250000

200000

150000

100000

50000

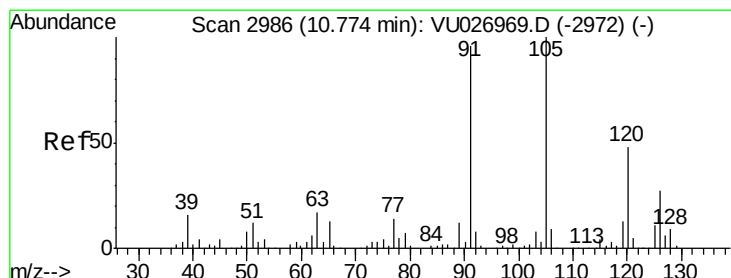
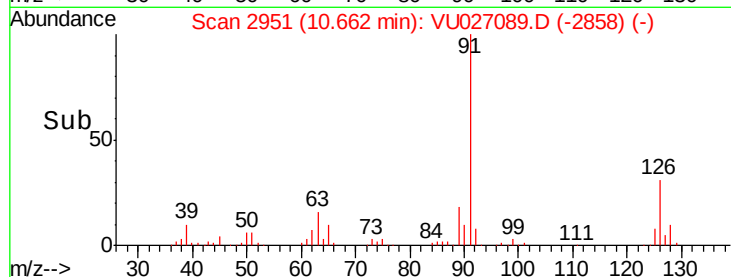
0

10.60

10.65

10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.714 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027089.D

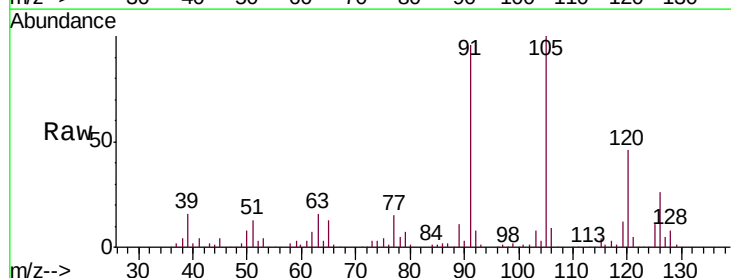
Acq: 23 Sep 2018 21:52

Tgt Ion: 105 Resp: 253784

Ion Ratio Lower Upper

105 100

120 46.9 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026969.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU026969.D (-2972) (-)

200000

150000

100000

50000

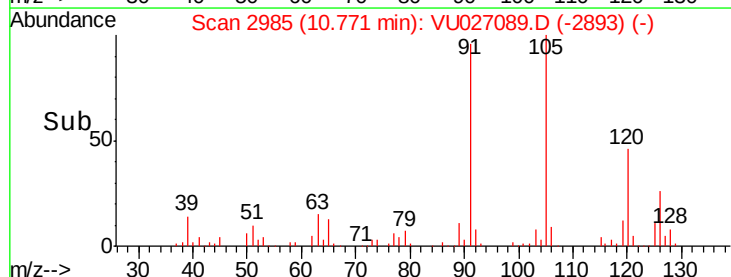
0

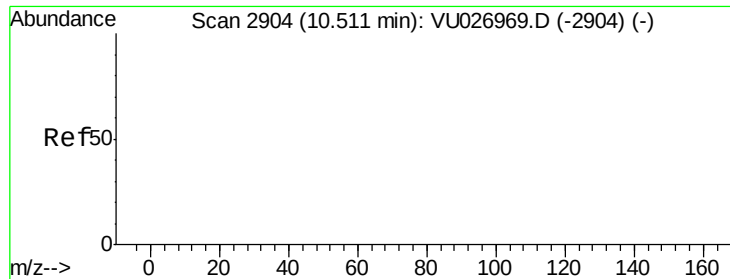
10.70

10.80

10.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 201.423 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

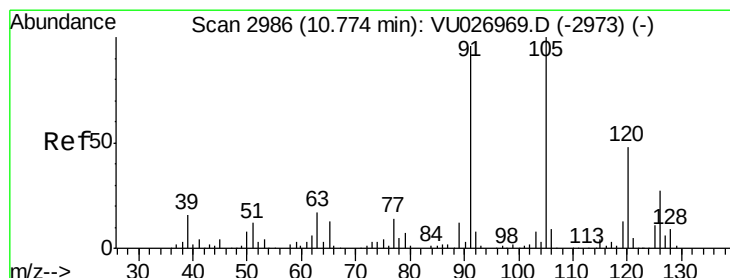
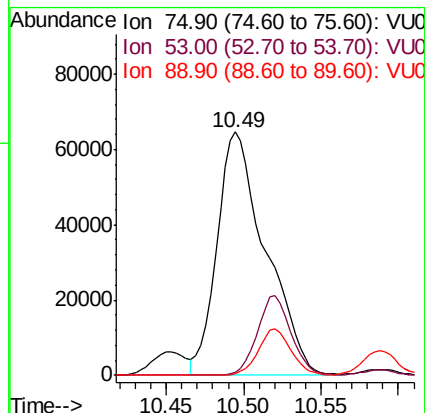
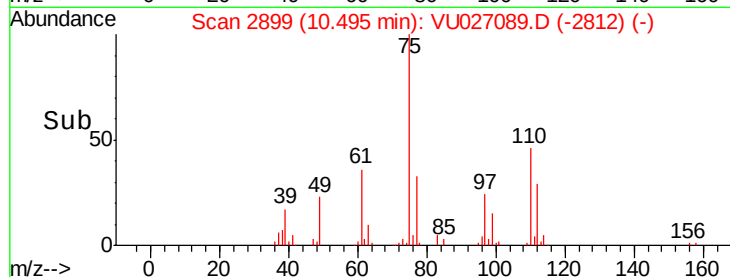
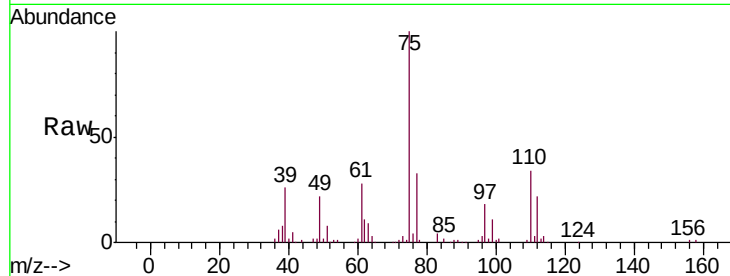
Tgt Ion: 75 Resp: 141246

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 53.222 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027089.D

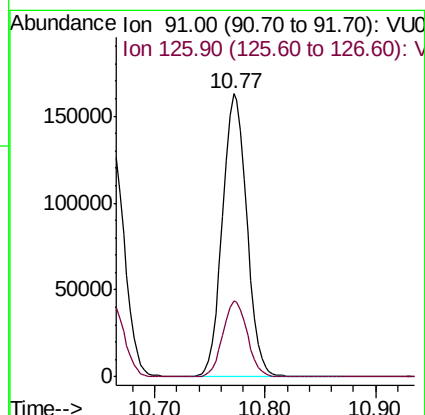
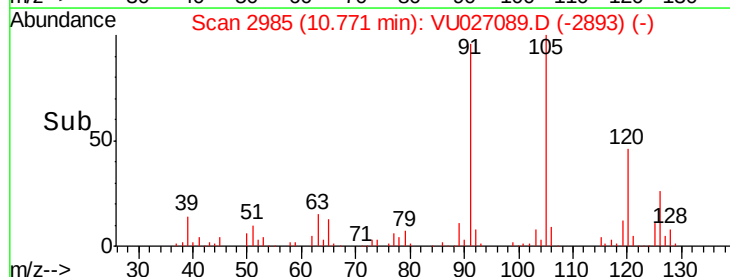
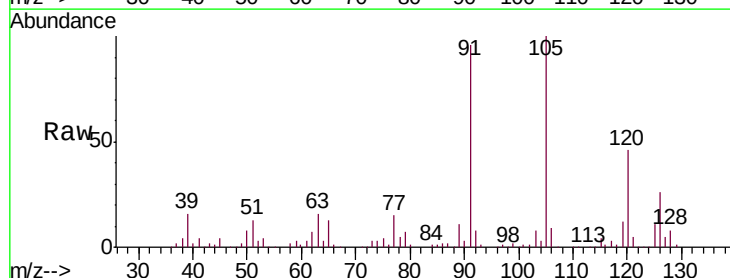
Acq: 23 Sep 2018 21:52

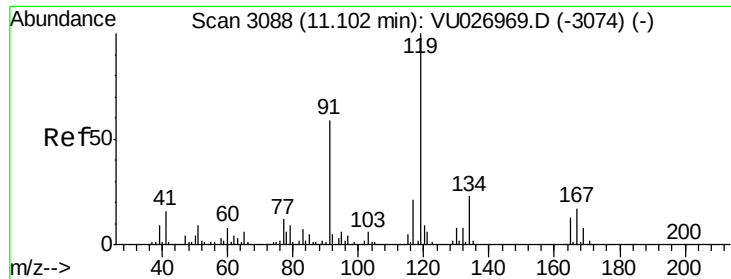
Tgt Ion: 91 Resp: 249225

Ion Ratio Lower Upper

91 100

126 27.2 14.1 42.2

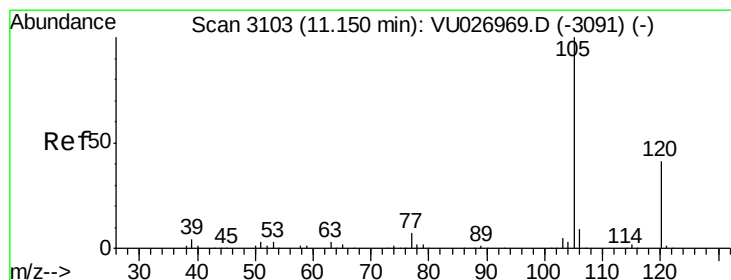
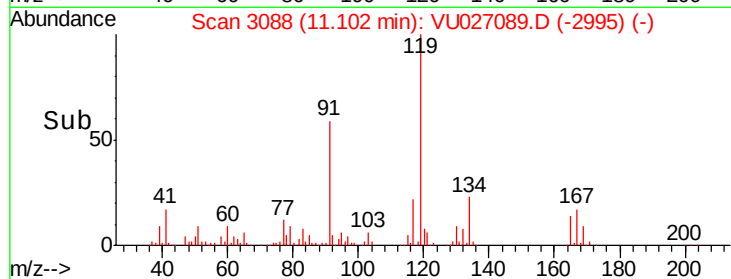
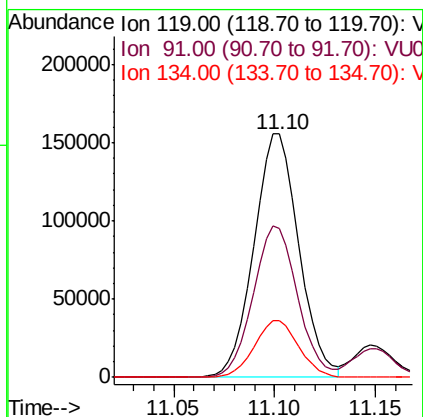
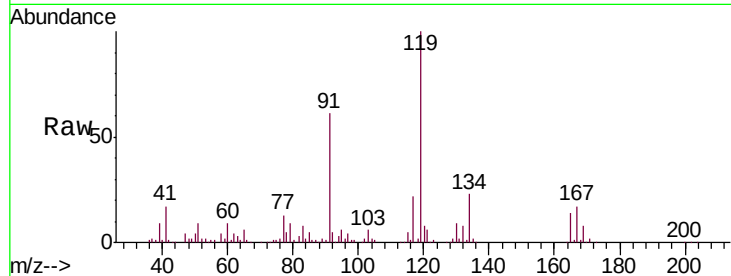




#83
 tert-Butylbenzene
 Concen: 52.790 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

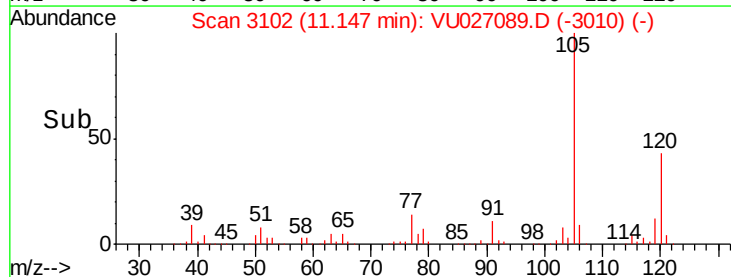
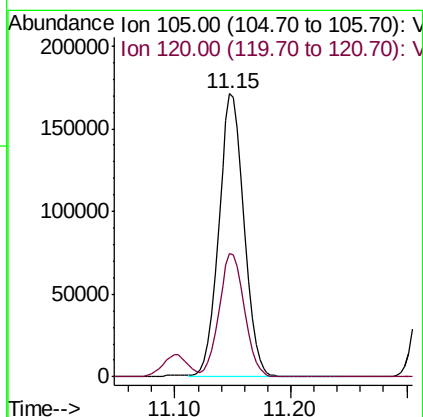
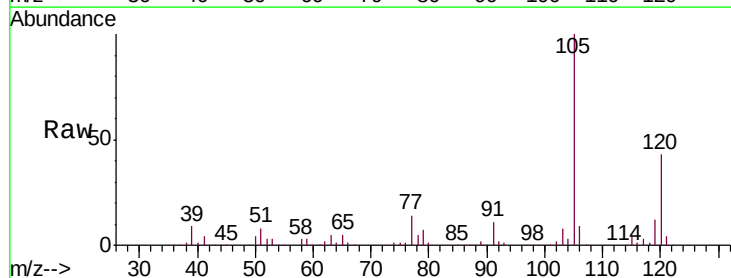
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

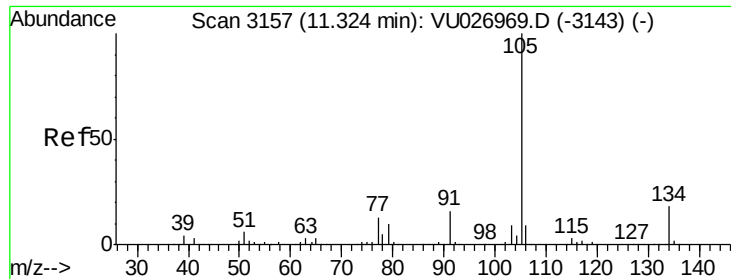
Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.3	29.8	89.4
134	23.0	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.919 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.4	67.2

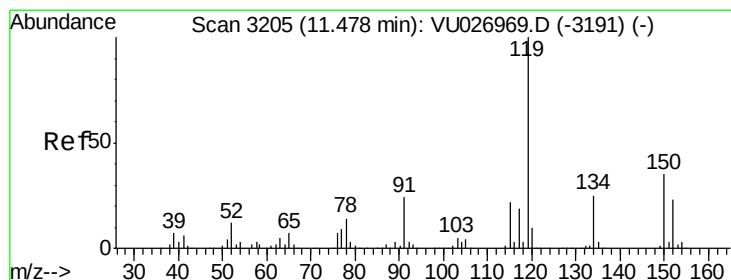
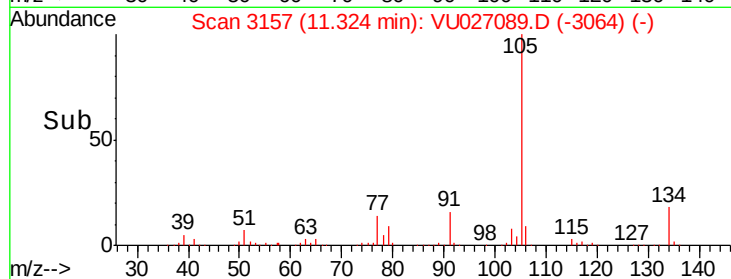
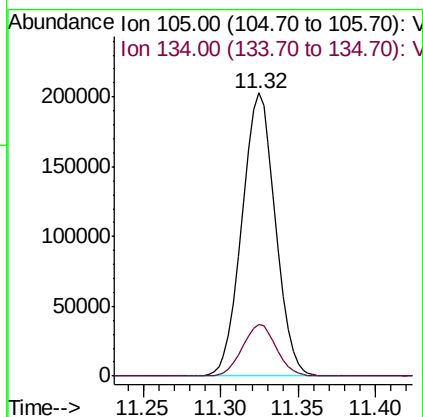
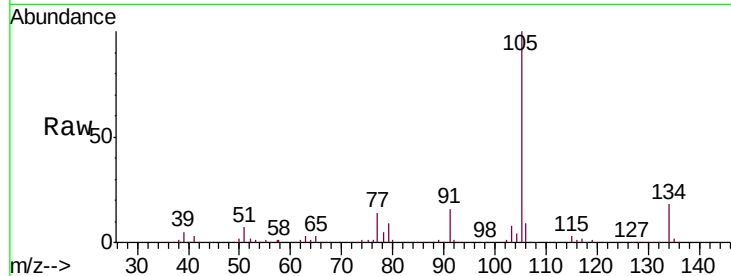




#85
 sec-Butylbenzene
 Concen: 54.469 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

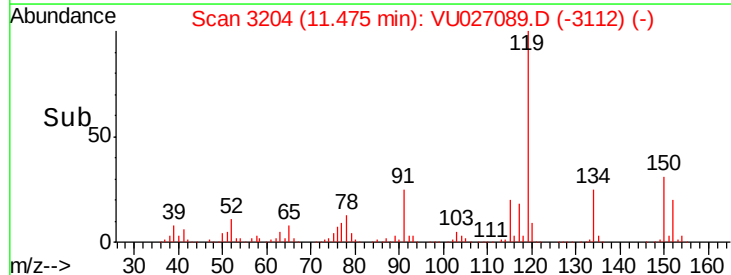
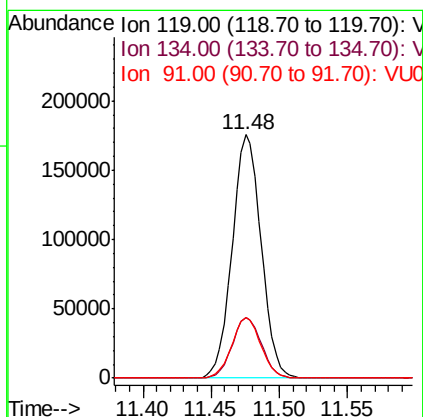
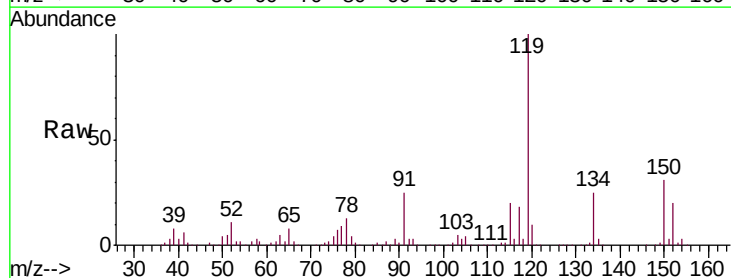
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

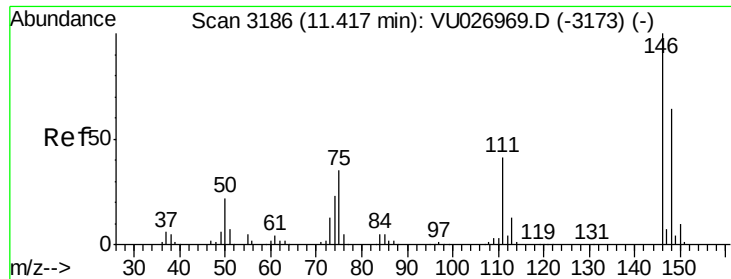
Tgt Ion:105 Resp: 304911
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 49.170 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion:119 Resp: 258194
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 25.0 12.3 36.8

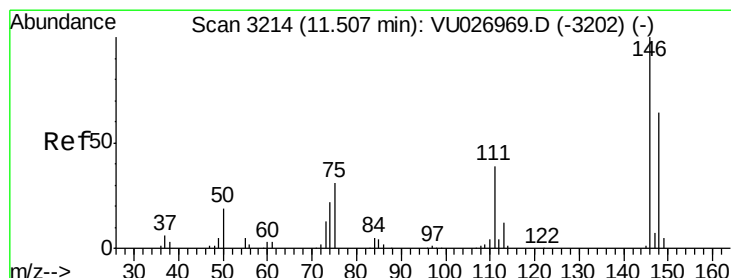
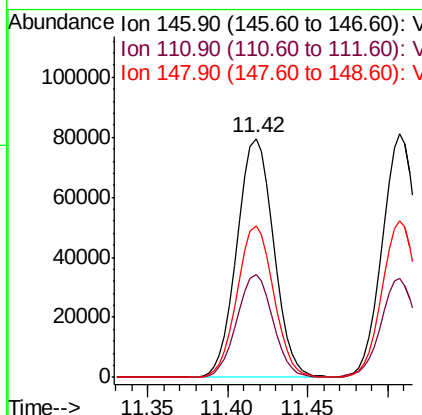
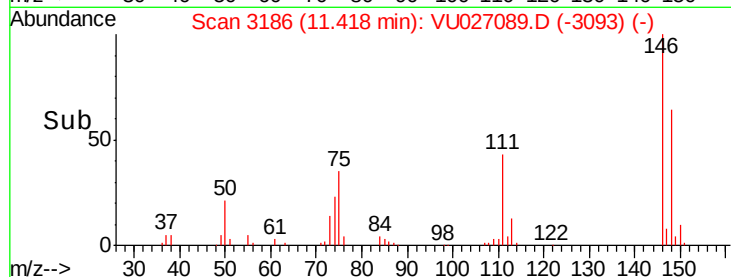
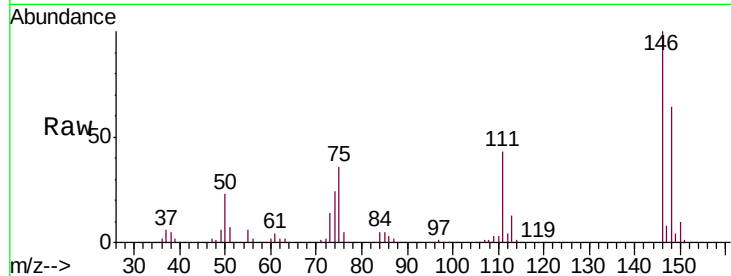




#87
 1,3-Dichlorobenzene
 Concen: 48.637 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

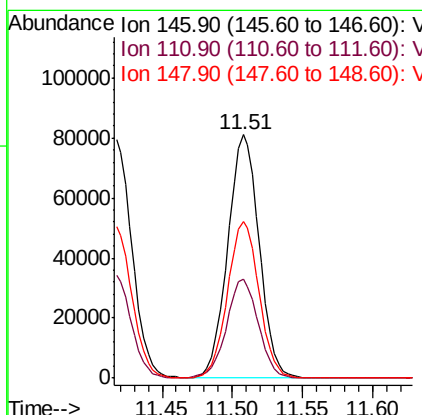
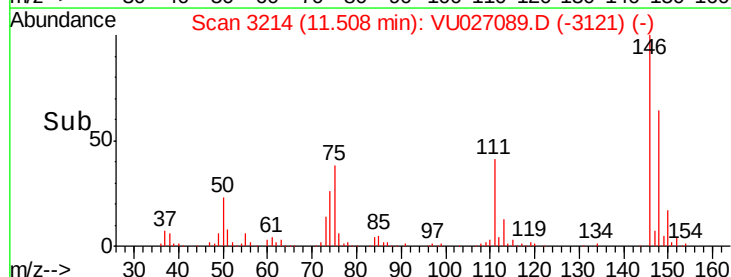
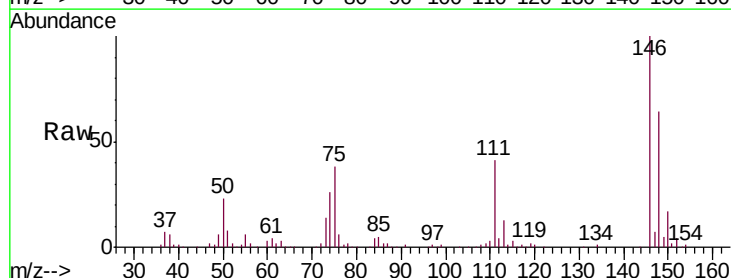
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

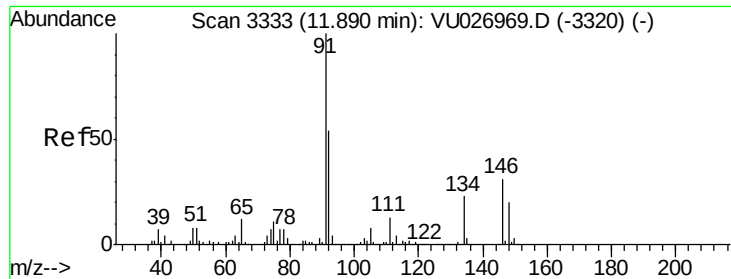
Tgt Ion:146 Resp: 124277
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.2
 148 63.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.390 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion:146 Resp: 126407
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 60.9
 148 64.6 31.9 95.9





#89

n-Butylbenzene

Concen: 45.594 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

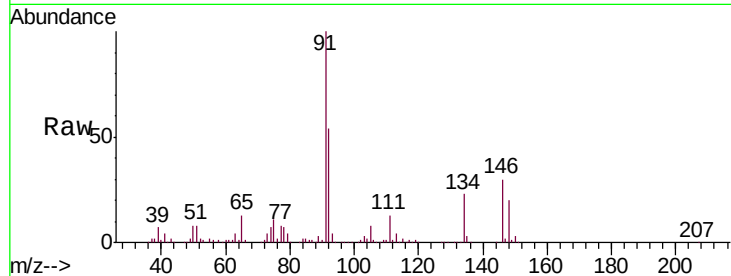
Tgt Ion: 91 Resp: 231032

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

134 23.0 11.7 35.0

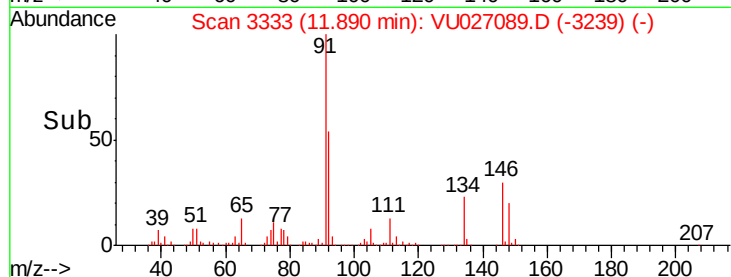


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)

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

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

Time-->

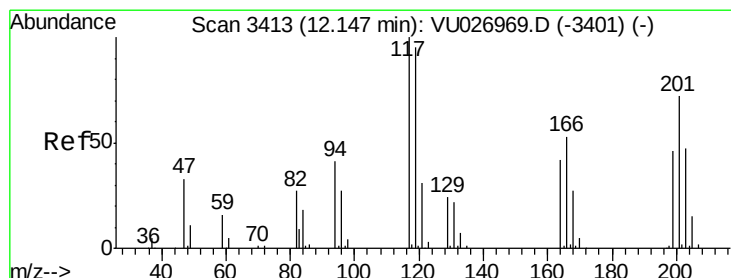


Abundance Ion 91.00 (90.70 to 91.70): VU027089.D (-3239) (-)

Ion 92.00 (91.70 to 92.70): VU027089.D (-3239) (-)

Ion 134.00 (133.70 to 134.70): VU027089.D (-3239) (-)

Time-->



#90

Hexachloroethane

Concen: 47.864 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027089.D

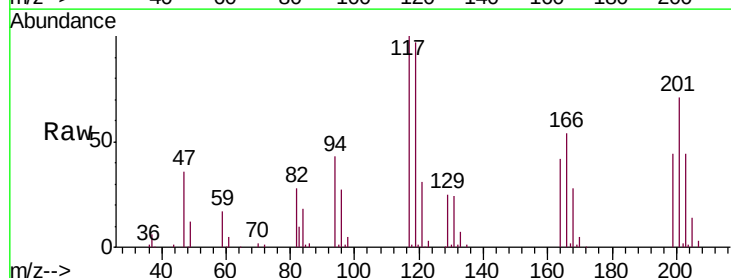
Acq: 23 Sep 2018 21:52

Tgt Ion: 117 Resp: 48723

Ion Ratio Lower Upper

117 100

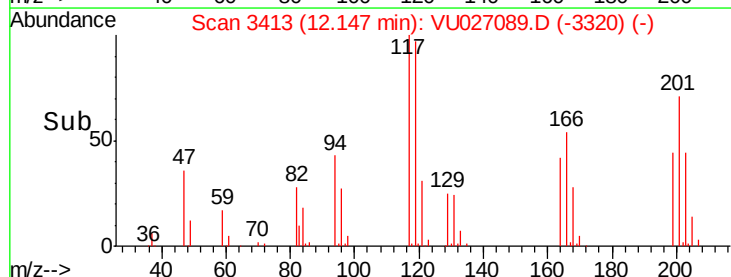
201 72.6 36.8 110.3



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

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

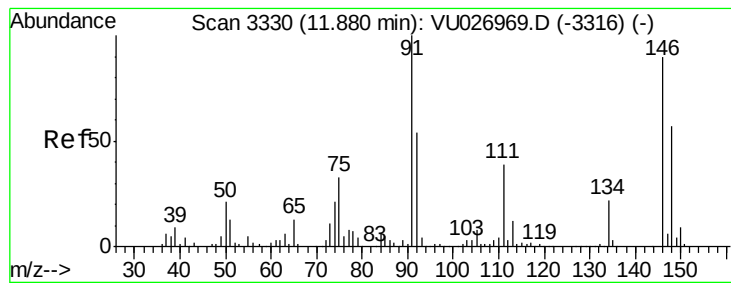
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VU027089.D (-3320) (-)

Ion 200.70 (200.40 to 201.40): VU027089.D (-3320) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 46.876 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

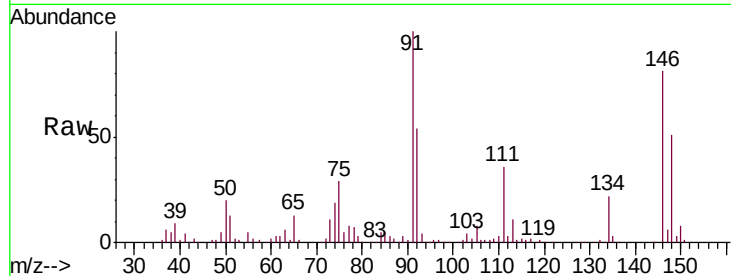
Tgt Ion: 146 Resp: 127235

Ion Ratio Lower Upper

146 100

111 44.9 21.8 65.3

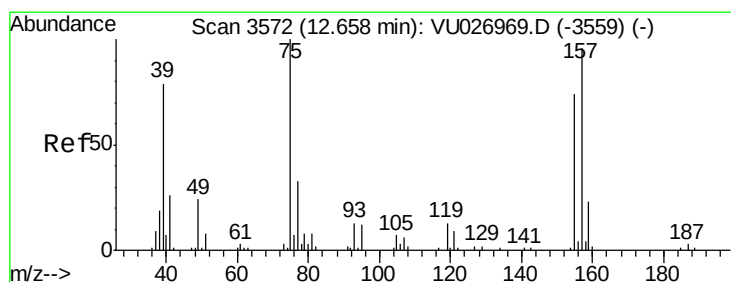
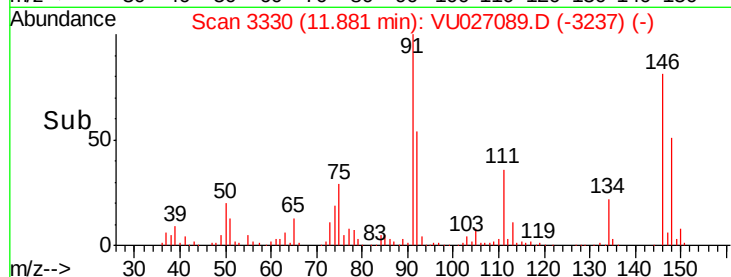
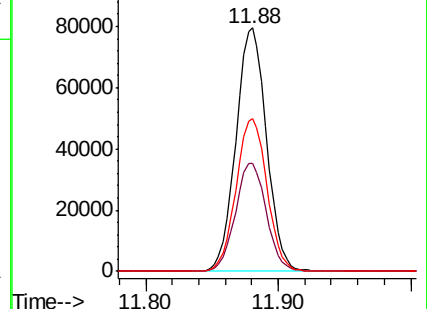
148 63.5 31.9 95.7



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: 53.184 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

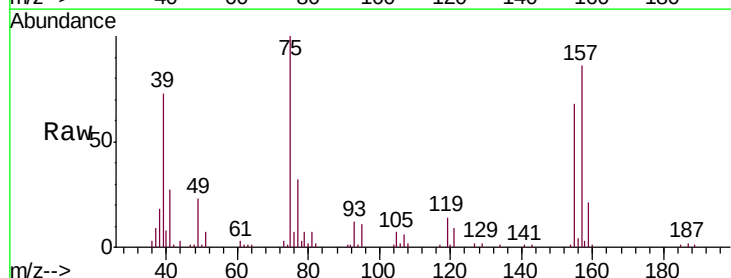
Tgt Ion: 75 Resp: 28030

Ion Ratio Lower Upper

75 100

155 68.9 36.6 109.8

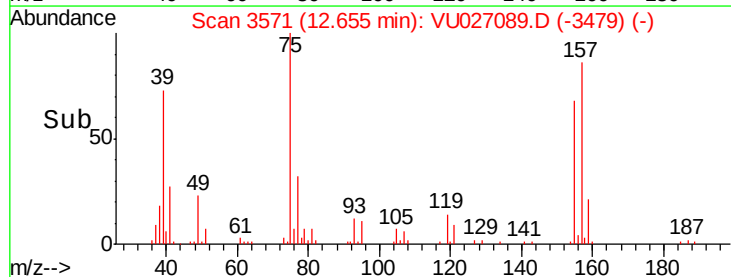
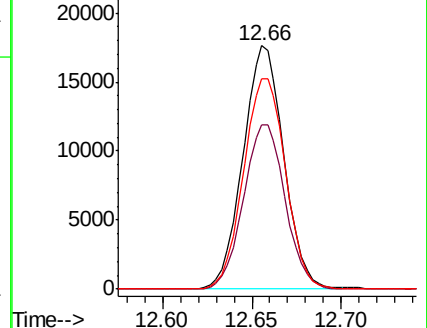
157 89.1 47.4 142.2

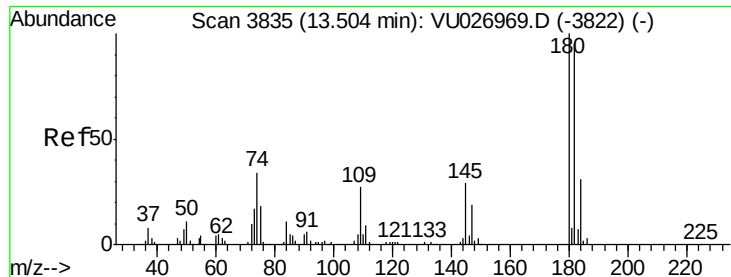


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

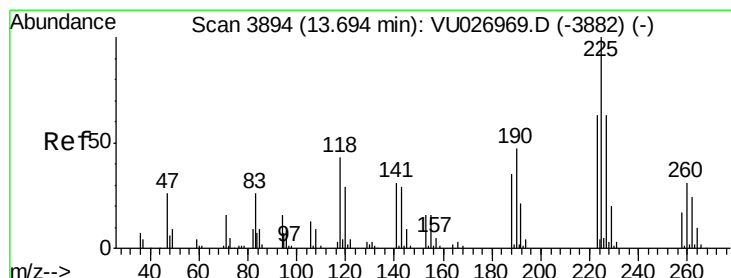
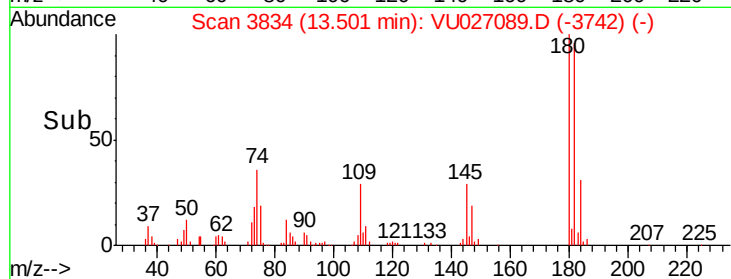
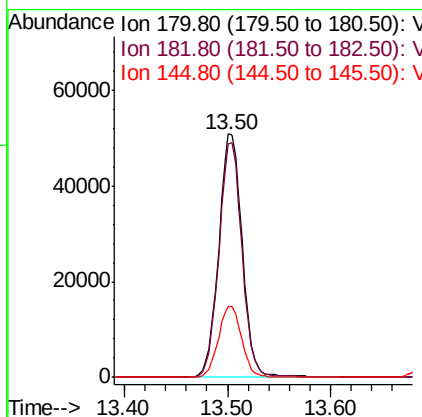
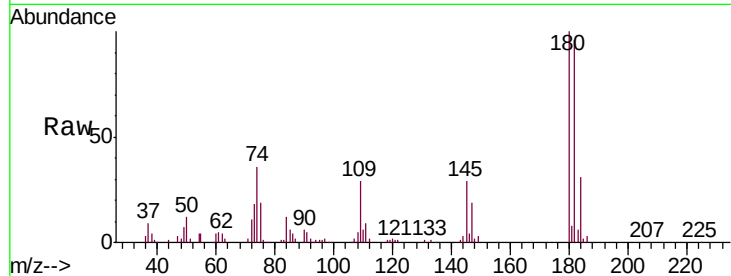




#93
 1,2,4-Trichlorobenzene
 Concen: 51.217 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

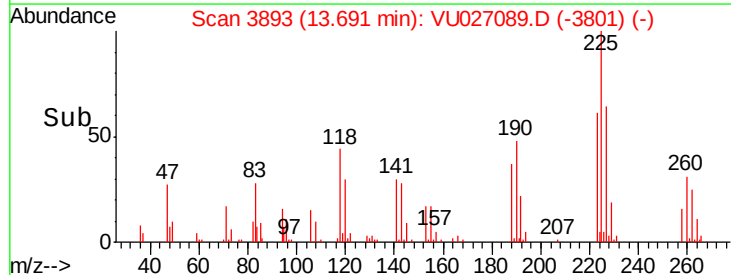
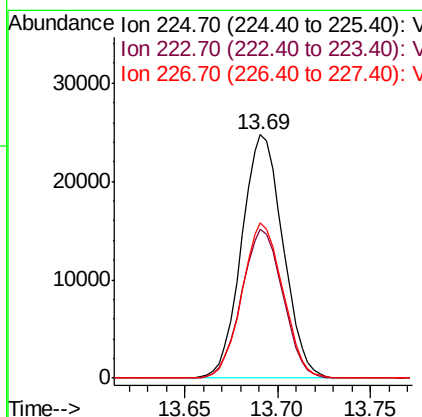
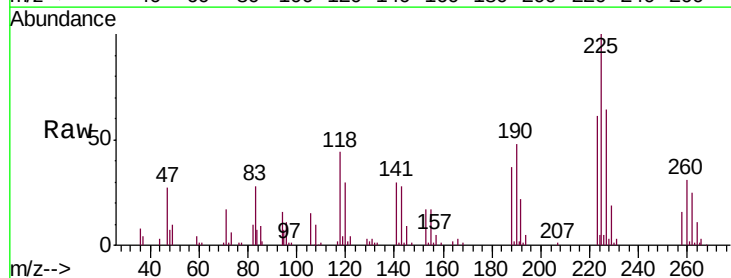
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MS

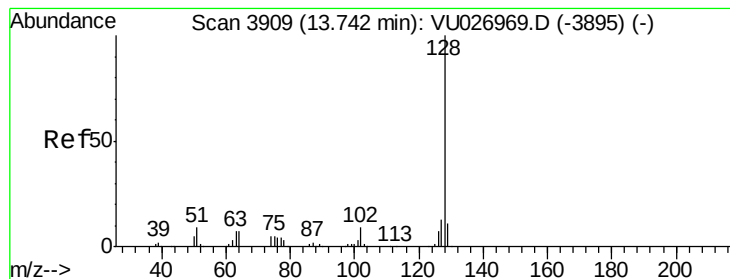
Tgt Ion:180 Resp: 80110
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.4 142.2
 145 29.2 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 46.216 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027089.D
 Acq: 23 Sep 2018 21:52

Tgt Ion:225 Resp: 38249
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.9 95.7
 227 63.1 32.1 96.5





#95

Naphthalene

Concen: 48.915 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MS

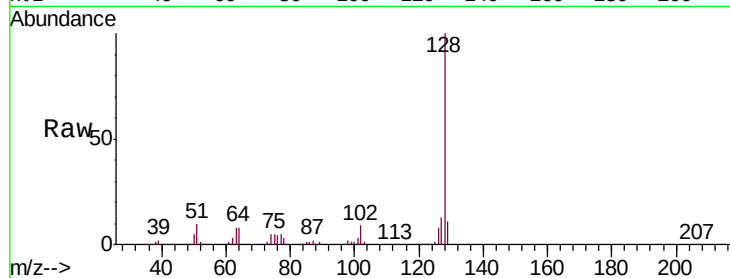
Tgt Ion:128 Resp: 298909

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

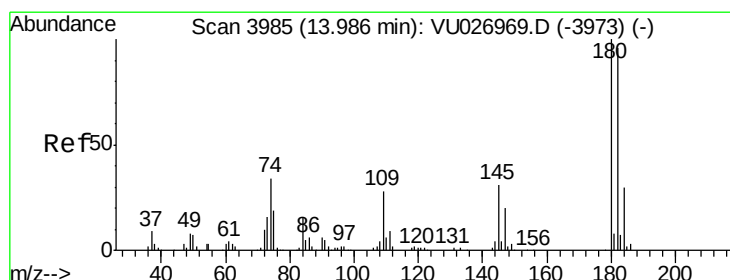
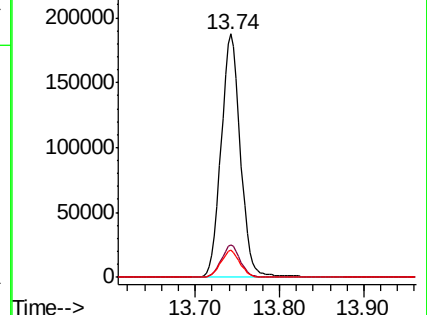
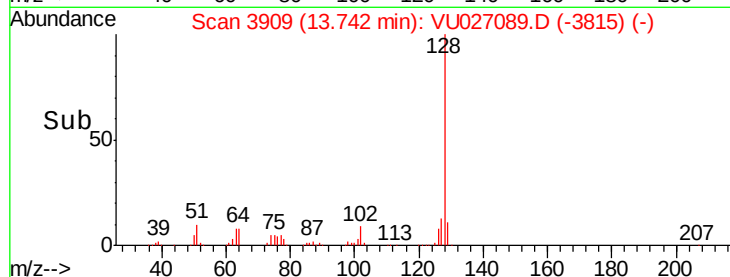
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.037 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027089.D

Acq: 23 Sep 2018 21:52

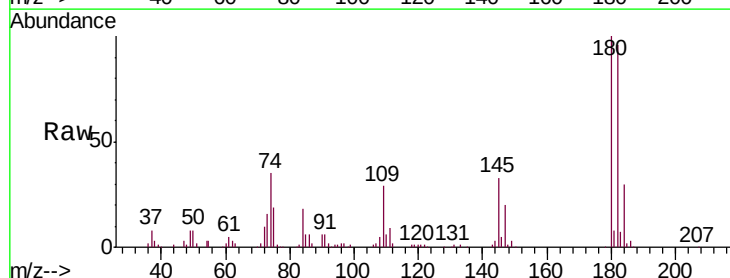
Tgt Ion:180 Resp: 85608

Ion Ratio Lower Upper

180 100

182 97.2 47.5 142.5

145 32.0 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

