

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
 Data File : VU026995.D
 Acq On : 22 Sep 2018 04:35
 Operator : MD/SY
 Sample : VU0922WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

Quant Time: Sep 22 04:55:34 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	82320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	143642	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	141774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73661	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	89043	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
35) Dibromofluoromethane	4.88	113	62104	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	7.57	98	244005	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	10.31	95	84096	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	20610	19.176	ug/l	99
3) Chloromethane	1.33	50	33948	18.320	ug/l	98
4) Vinyl Chloride	1.40	62	33667	19.464	ug/l	99
5) Bromomethane	1.62	94	18289	18.567	ug/l	99
6) Chloroethane	1.70	64	22324	20.199	ug/l	98
7) Trichlorofluoromethane	1.88	101	38611	19.654	ug/l	98
8) Diethyl Ether	2.11	74	18758	19.837	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	22899	18.957	ug/l	99
10) Methyl Iodide	2.41	142	22516	15.029	ug/l	99
11) Tert butyl alcohol	2.83	59	38044	100.180	ug/l	98
12) 1,1-Dichloroethene	2.28	96	22024	19.371	ug/l	100
13) Acrolein	2.20	56	20854	101.869	ug/l	99
14) Allyl chloride	2.59	41	45645	19.794	ug/l	98
15) Acrylonitrile	2.94	53	96257	100.568	ug/l	99
16) Acetone	2.32	43	88772	90.267	ug/l	100
17) Carbon Disulfide	2.48	76	70315	18.984	ug/l	99
18) Methyl Acetate	2.62	43	48080	20.388	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	84774	20.290	ug/l	98
20) Methylene Chloride	2.70	84	28760	19.382	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	24806	20.435	ug/l	99
22) Diisopropyl ether	3.58	45	105600	21.410	ug/l	99
23) Vinyl Acetate	3.53	43	436181	103.742	ug/l	100
24) 1,1-Dichloroethane	3.45	63	54982	20.239	ug/l	99
25) 2-Butanone	4.26	43	135944	97.635	ug/l	99
26) 2,2-Dichloropropane	4.23	77	32223	15.210	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	27175	19.823	ug/l	98
28) Bromochloromethane	4.55	49	29176	22.280	ug/l	97
29) Tetrahydrofuran	4.64	42	87378	103.738	ug/l	97
30) Chloroform	4.68	83	49484	19.624	ug/l	99
31) Cyclohexane	5.00	56	50814	20.235	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	40789	20.260	ug/l	98
36) 1,1-Dichloropropene	5.14	75	36822	19.207	ug/l	97
37) Ethyl Acetate	4.39	43	48402	18.651	ug/l	99
38) Carbon Tetrachloride	5.13	117	34720	19.032	ug/l	96

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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

Quant Time: Sep 22 04:55:34 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)
39) Methylcyclohexane	6.42	83	40219	19.305	ug/l	99
40) Benzene	5.39	78	113351	19.450	ug/l	100
41) Methacrylonitrile	4.54	41	27453	20.369	ug/l	97
42) 1,2-Dichloroethane	5.41	62	43392	19.707	ug/l	100
43) Isopropyl Acetate	5.55	43	75887	20.051	ug/l	99
44) Trichloroethene	6.19	130	23743	19.137	ug/l	98
45) 1,2-Dichloropropane	6.43	63	33043	19.899	ug/l	97
46) Dibromomethane	6.56	93	19235	19.180	ug/l	98
47) Bromodichloromethane	6.76	83	38169	18.822	ug/l	98
48) Methyl methacrylate	6.62	41	37272	18.739	ug/l	99
49) 1,4-Dioxane	6.62	88	14908	363.306	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	258704	101.632	ug/l	99
52) Toluene	7.64	92	65217	19.523	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	41554	19.072	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	45467	18.979	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	27057	19.115	ug/l	95
56) Ethyl methacrylate	8.02	69	42494	18.737	ug/l	99
57) 1,3-Dichloropropane	8.24	76	51880	19.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	126795	94.062	ug/l	100
59) 2-Hexanone	8.36	43	194315	97.520	ug/l	99
60) Dibromochloromethane	8.48	129	26158	18.840	ug/l	99
61) 1,2-Dibromoethane	8.59	107	28714	19.497	ug/l	97
64) Tetrachloroethene	8.23	164	20783	19.024	ug/l	98
65) Chlorobenzene	9.12	112	69369	18.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	24372	18.823	ug/l	98
67) Ethyl Benzene	9.25	91	118504	19.171	ug/l	99
68) m/p-Xylenes	9.38	106	90749	37.207	ug/l	99
69) o-Xylene	9.78	106	42561	19.433	ug/l	98
70) Styrene	9.79	104	70124	18.337	ug/l	99
71) Bromoform	9.96	173	18849	18.825	ug/l #	99
73) Isopropylbenzene	10.17	105	116261	20.749	ug/l	99
74) N-amyl acetate	10.02	43	64178	19.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	47348	18.379	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	54632	24.413	ug/l	82
77) Bromobenzene	10.45	156	26784	19.561	ug/l	96
78) n-propylbenzene	10.59	91	137825	20.788	ug/l	98
79) 2-Chlorotoluene	10.66	91	85241	20.469	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	97125	20.998	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	54632	78.127	ug/l #	100
82) 4-Chlorotoluene	10.77	91	96100	20.580	ug/l	100
83) tert-Butylbenzene	11.10	119	91254	19.955	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	98160	20.853	ug/l	99
85) sec-Butylbenzene	11.32	105	113754	20.378	ug/l	100
86) p-Isopropyltoluene	11.48	119	96216	18.956	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	49016	19.237	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	49833	17.944	ug/l	97
89) n-Butylbenzene	11.89	91	85135	18.357	ug/l	98
90) Hexachloroethane	12.15	117	18400	18.126	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	49778	18.391	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10151	19.314	ug/l	97

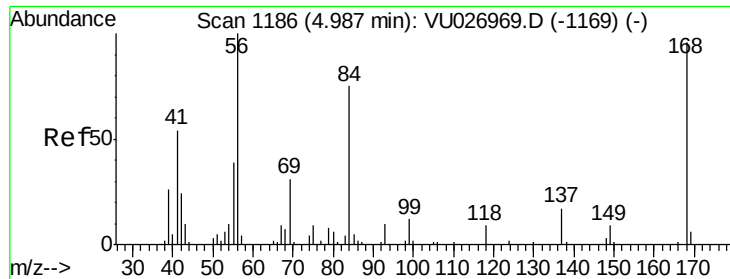
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
Data File : VU026995.D
Acq On : 22 Sep 2018 04:35
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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VU0922WBS02

Quant Time: Sep 22 04:55:34 2018
Quant Method : Z:\V0ASRV\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	29868	19.149	ug/l	99
94) Hexachlorobutadiene	13.69	225	15064	18.253	ug/l	98
95) Naphthalene	13.74	128	103952	18.159	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	32834	19.630	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

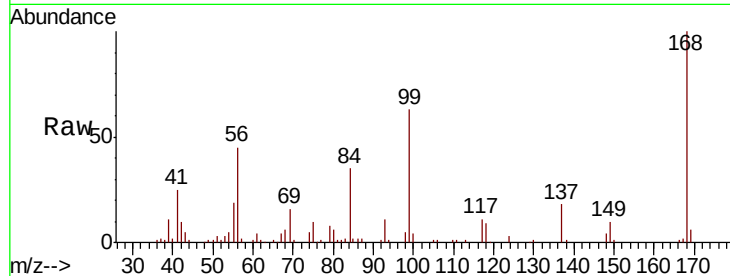
VU0922WBS02

Tgt Ion:168 Resp: 82320

Ion Ratio Lower Upper

168 100

99 62.1 48.1 72.1



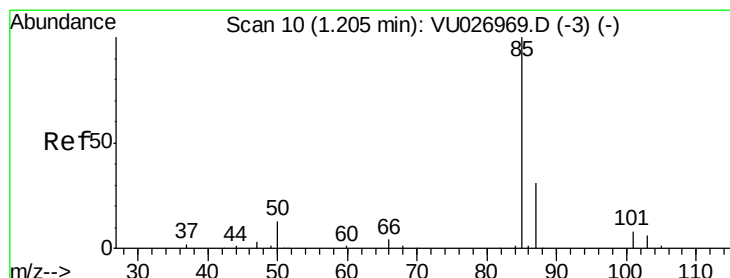
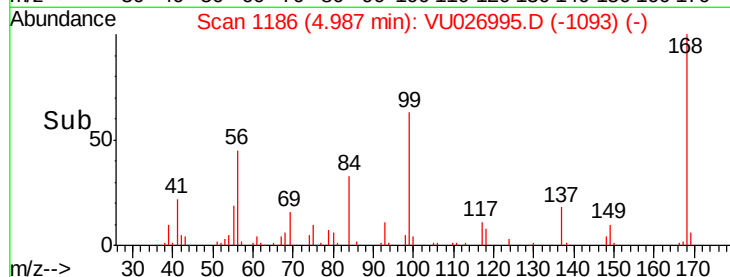
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 19.176 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU026995.D

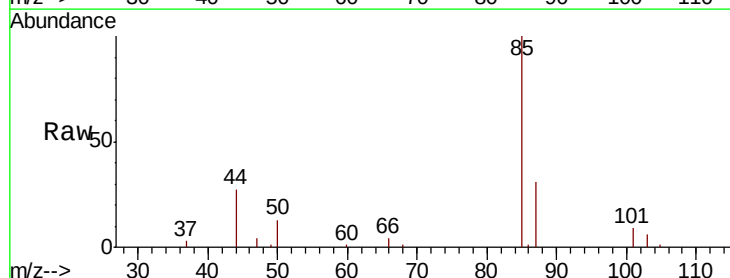
Acq: 22 Sep 2018 04:35

Tgt Ion: 85 Resp: 20610

Ion Ratio Lower Upper

85 100

87 30.6 15.6 46.7



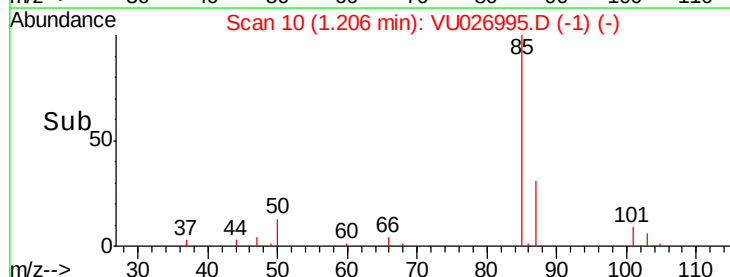
Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

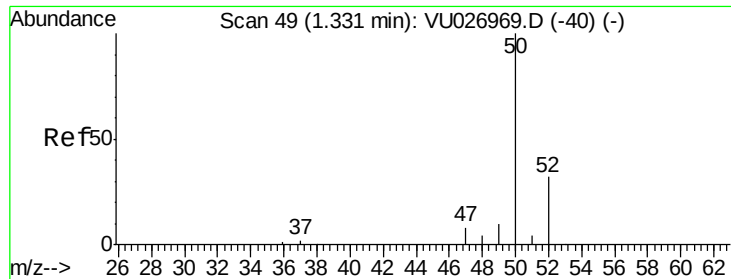
Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

1.20 1.25

Time-->

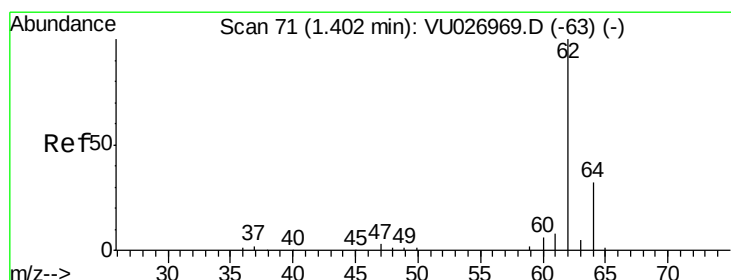
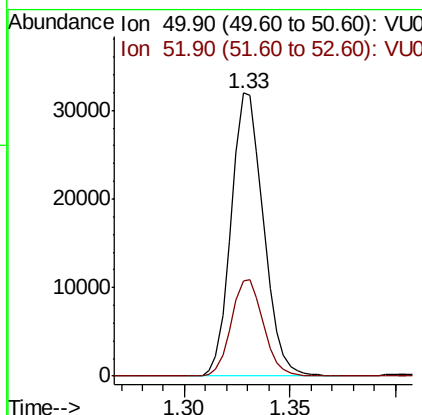
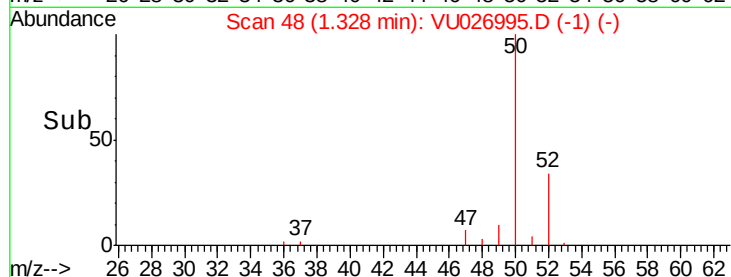
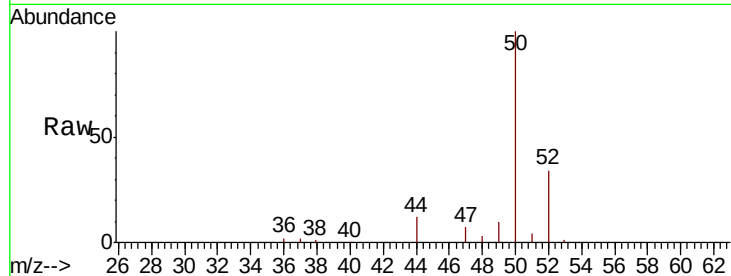




#3
 Chloromethane
 Concen: 18.320 ug/l
 RT: 1.33 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

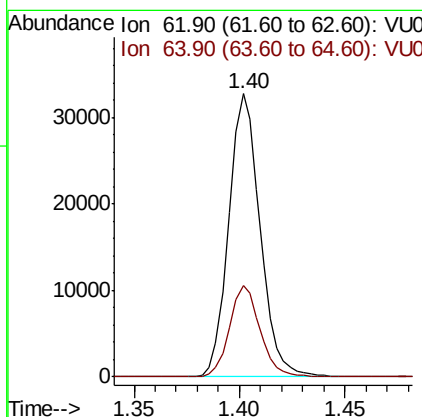
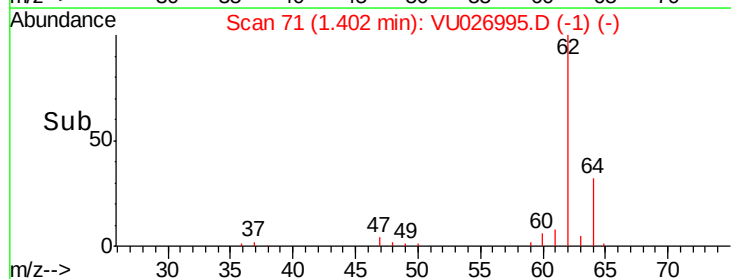
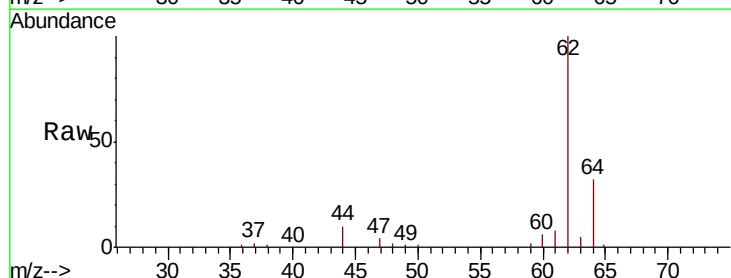
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

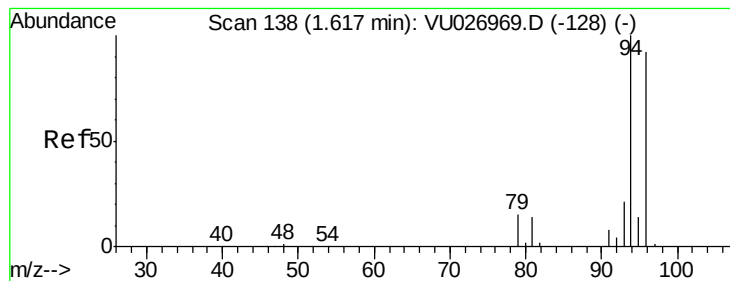
Tgt Ion: 50 Resp: 33948
 Ion Ratio Lower Upper
 50 100
 52 33.7 25.9 38.9



#4
 Vinyl Chloride
 Concen: 19.464 ug/l
 RT: 1.40 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 62 Resp: 33667
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.5 38.3





#5

Bromomethane

Concen: 18.567 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

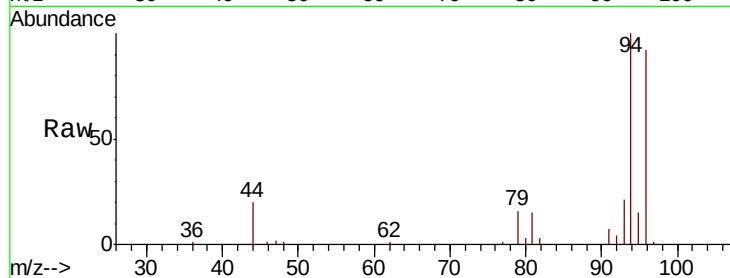
VU0922WBS02

Tgt Ion: 94 Resp: 18289

Ion Ratio Lower Upper

94 100

96 92.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

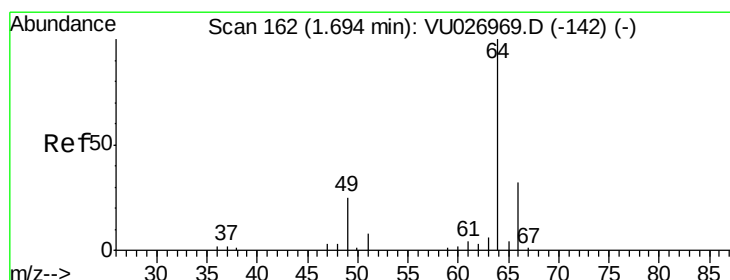
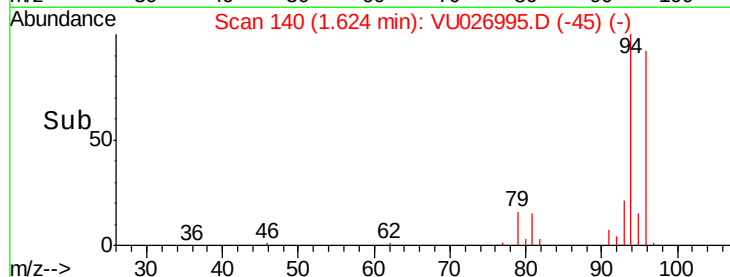
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.199 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU026995.D

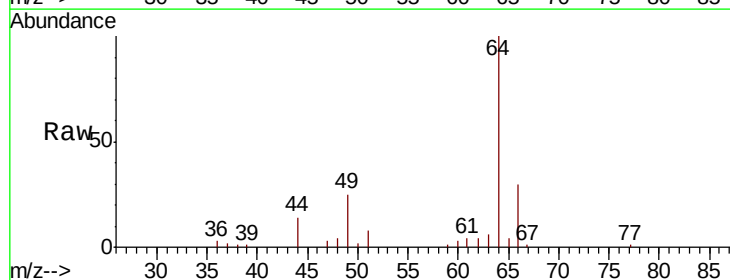
Acq: 22 Sep 2018 04:35

Tgt Ion: 64 Resp: 22324

Ion Ratio Lower Upper

64 100

66 30.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

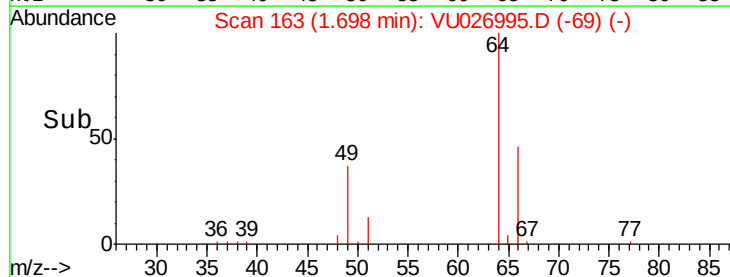
15000

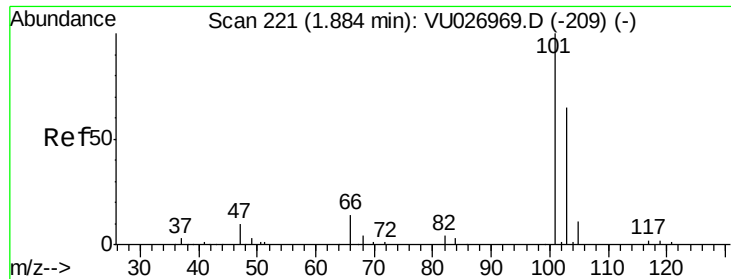
10000

5000

0

Time-->



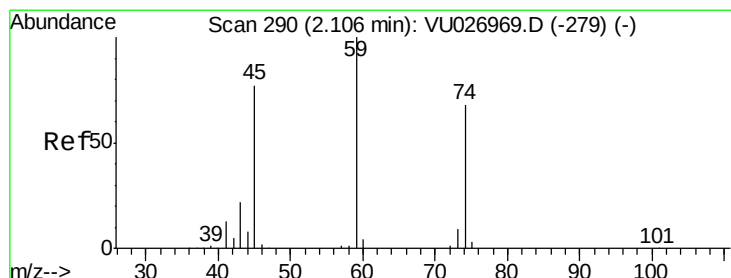
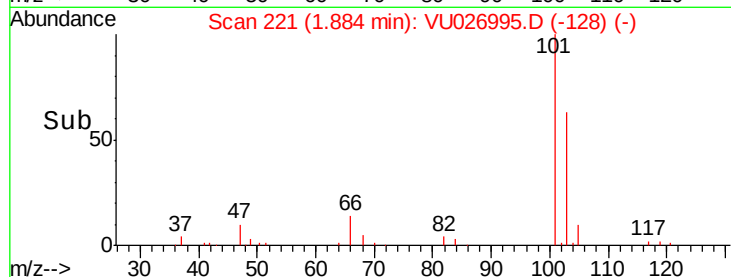
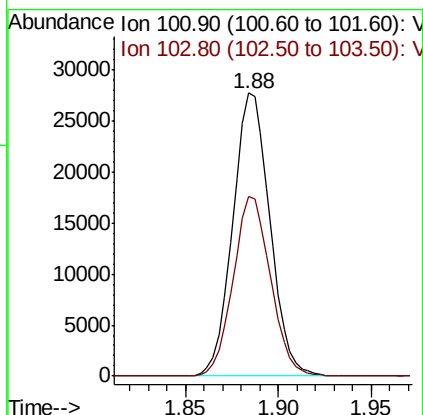
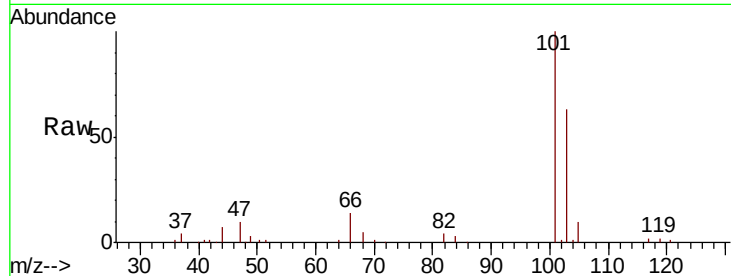


#7

Trichlorofluoromethane
 Concen: 19.654 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

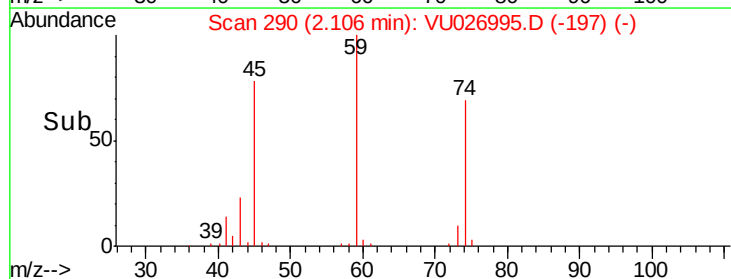
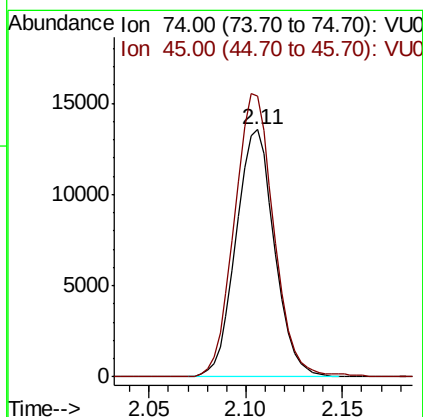
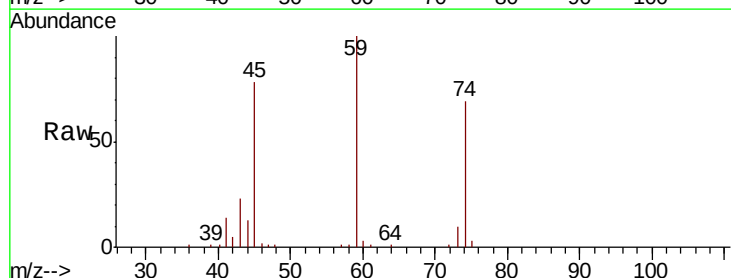
Tgt Ion: 101 Resp: 38611
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.2 78.2

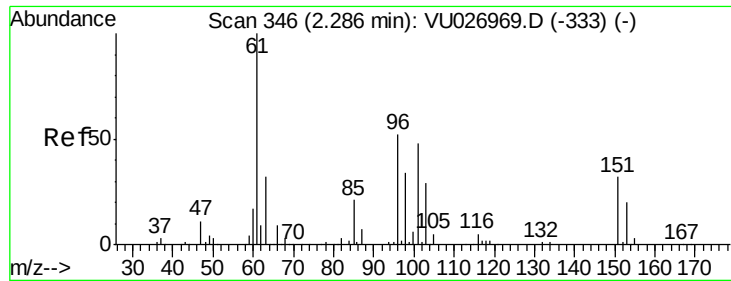


#8

Diethyl Ether
 Concen: 19.837 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 74 Resp: 18758
 Ion Ratio Lower Upper
 74 100
 45 117.6 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.957 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS02

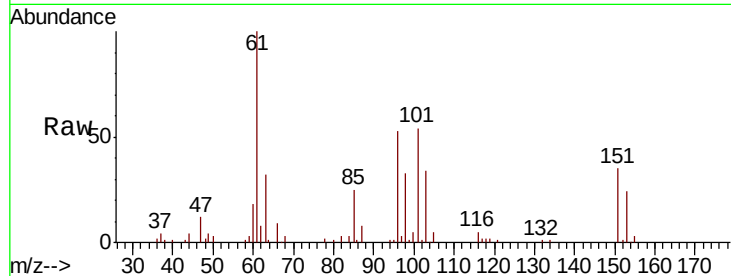
Tgt Ion:101 Resp: 22899

Ion Ratio Lower Upper

101 100

85 45.7 36.2 54.2

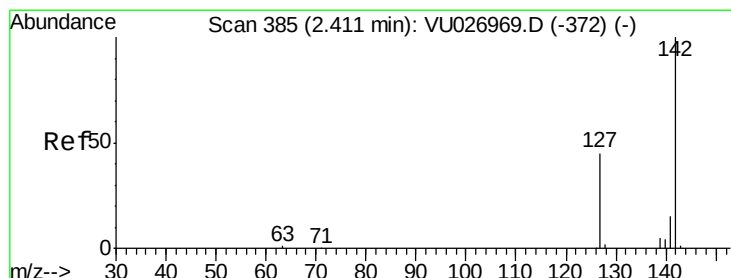
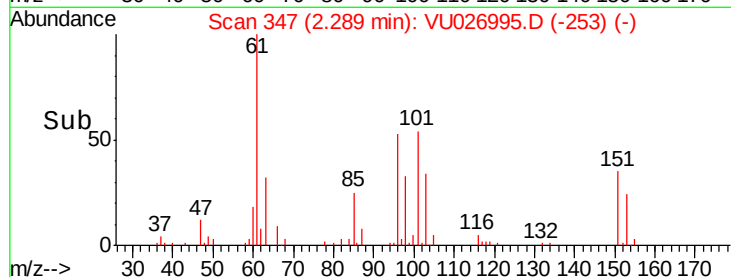
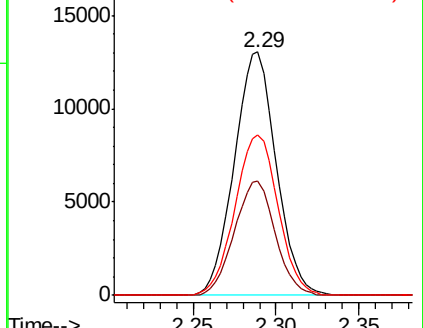
151 67.7 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.029 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

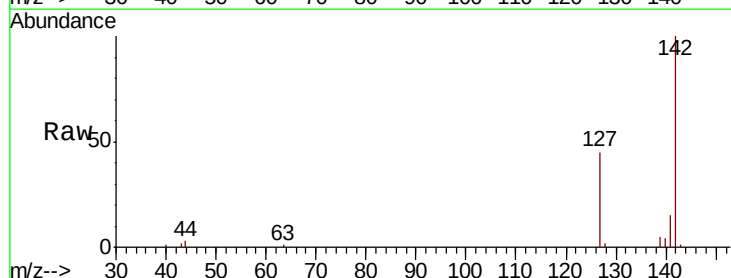
Tgt Ion:142 Resp: 22516

Ion Ratio Lower Upper

142 100

127 46.5 36.7 55.1

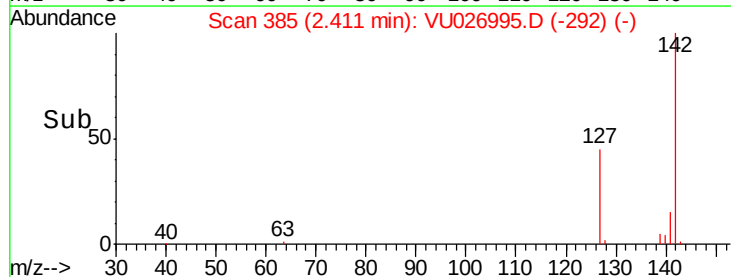
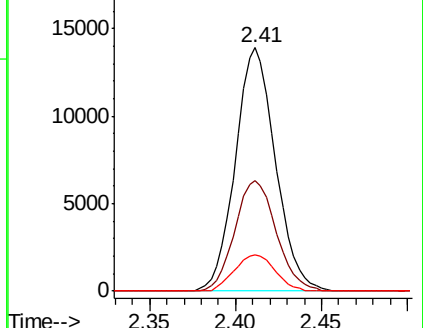
141 15.0 11.8 17.6

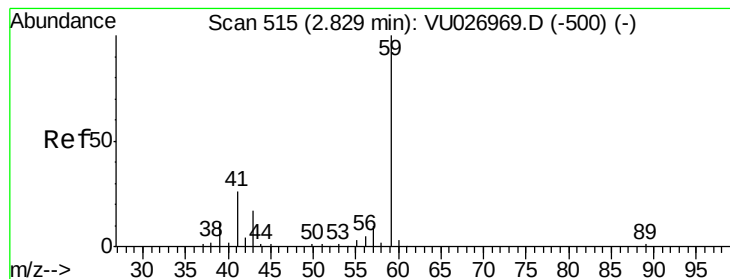


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



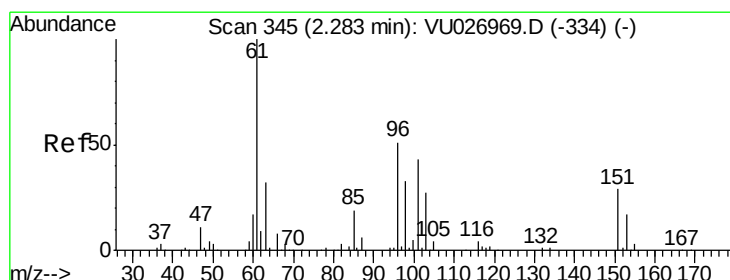
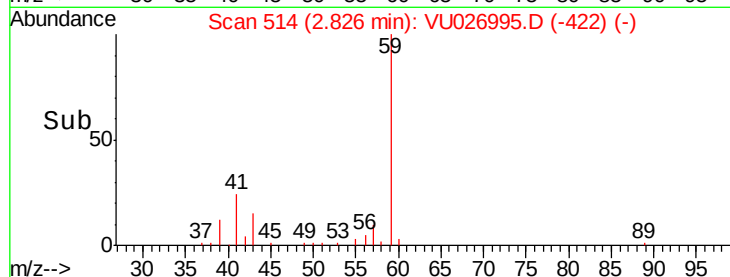
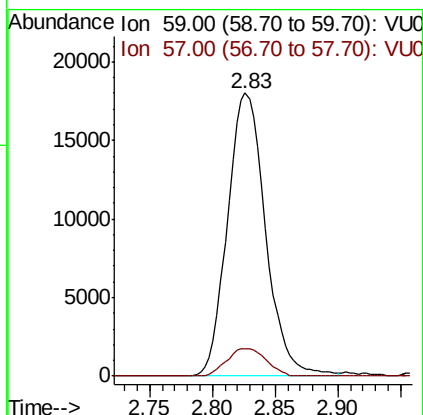
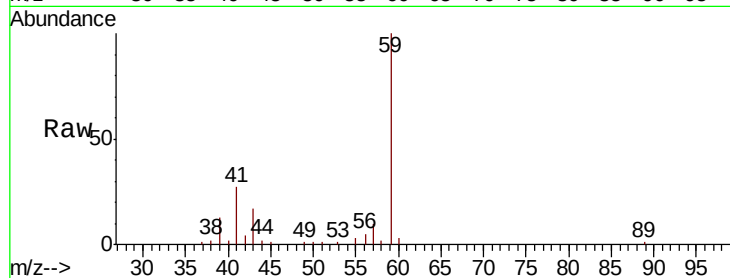


#11

Tert butyl alcohol
 Concen: 100.180 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

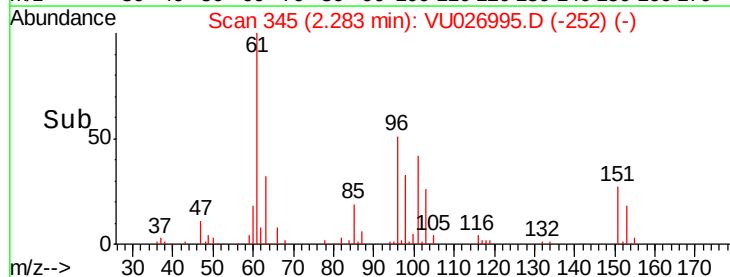
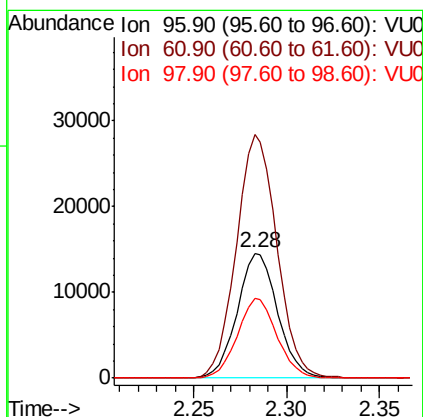
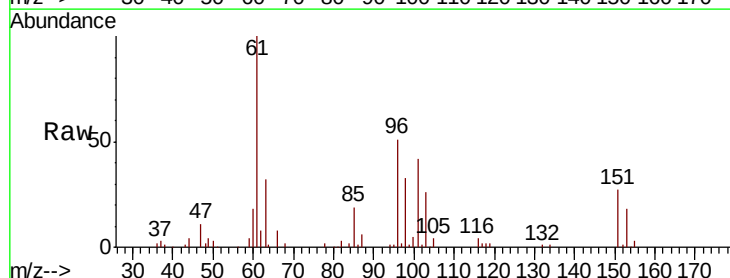
Tgt Ion: 59 Resp: 38044
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

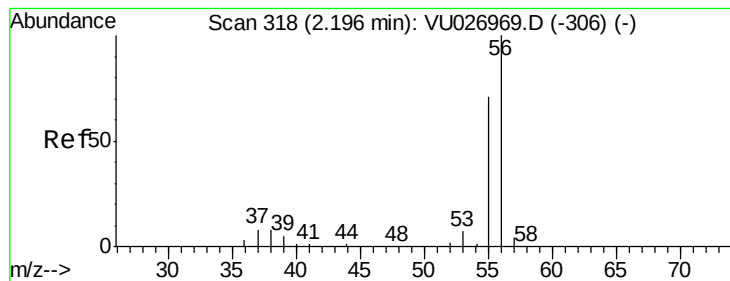


#12

1,1-Dichloroethene
 Concen: 19.371 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 96 Resp: 22024
 Ion Ratio Lower Upper
 96 100
 61 194.9 156.1 234.1
 98 63.9 51.4 77.0





#13

Acrolein

Concen: 101.869 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

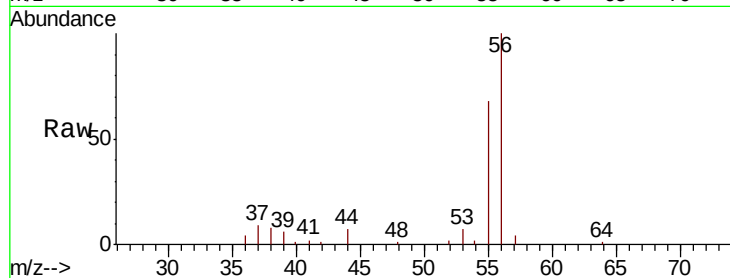
VU0922WBS02

Tgt Ion: 56 Resp: 20854

Ion Ratio Lower Upper

56 100

55 70.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.20

15000

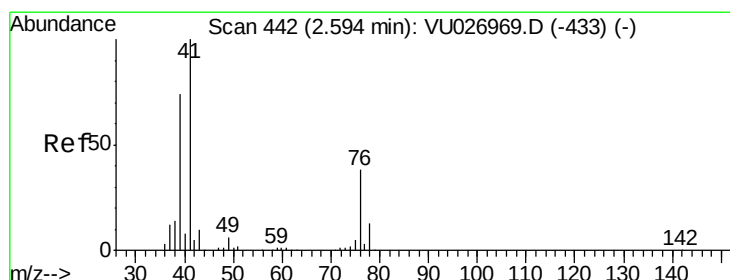
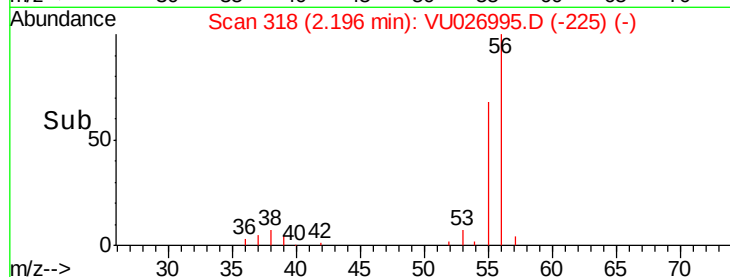
10000

5000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 19.794 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

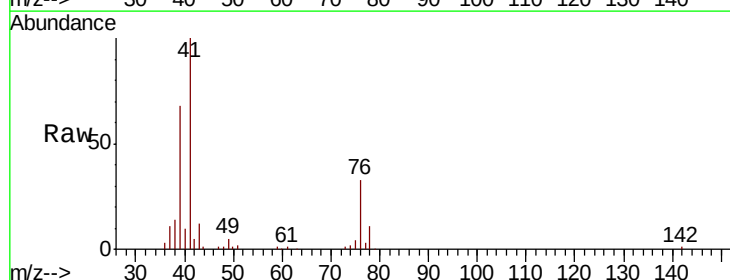
Tgt Ion: 41 Resp: 45645

Ion Ratio Lower Upper

41 100

39 71.0 55.7 83.5

76 32.2 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.59

30000

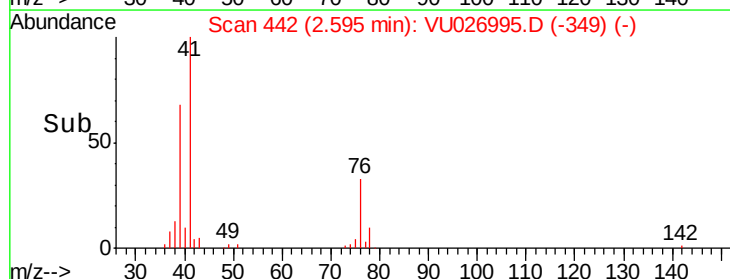
20000

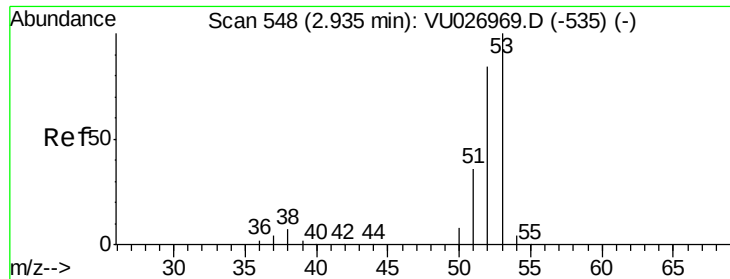
10000

0

Time-->

2.55 2.60 2.65

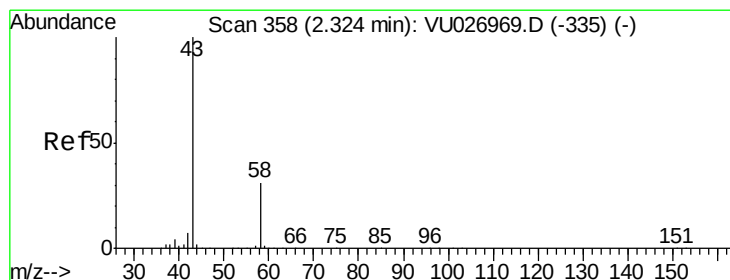
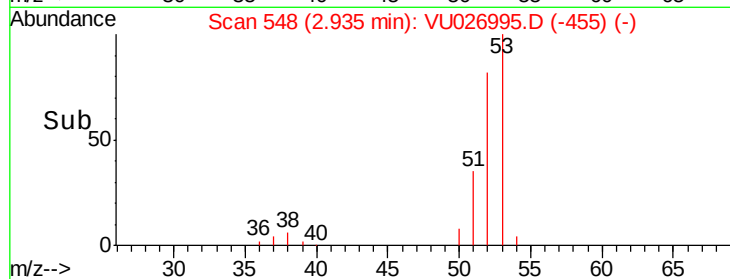
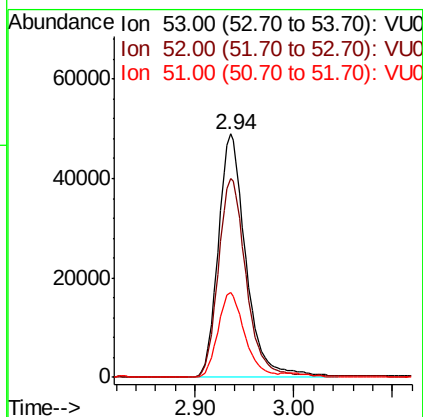
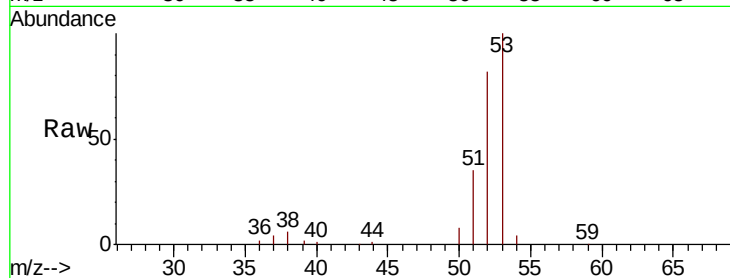




#15
 Acrylonitrile
 Concen: 100.568 ug/l
 RT: 2.94 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

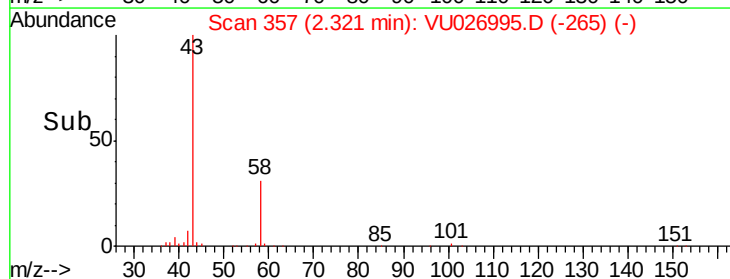
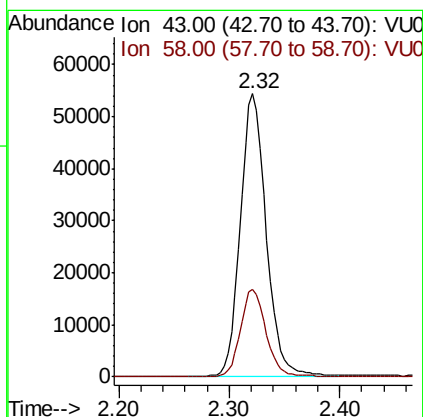
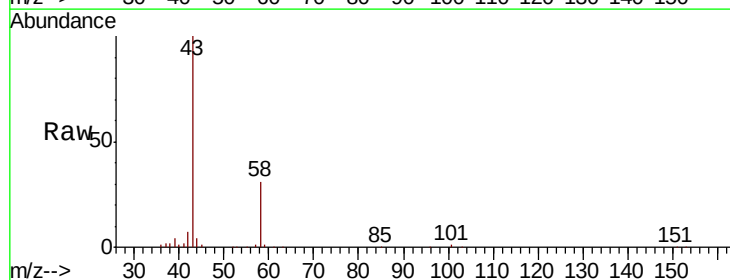
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

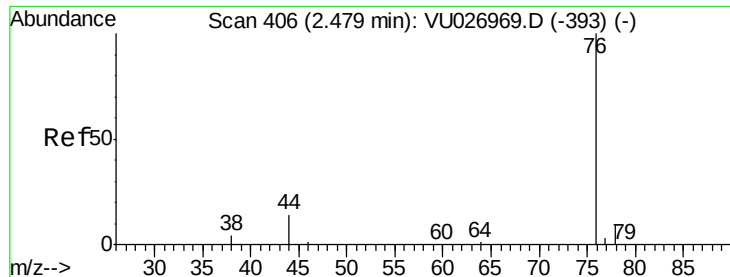
Tgt Ion: 53 Resp: 96257
 Ion Ratio Lower Upper
 53 100
 52 82.8 65.7 98.5
 51 33.8 27.4 41.2



#16
 Acetone
 Concen: 90.267 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 43 Resp: 88772
 Ion Ratio Lower Upper
 43 100
 58 30.9 24.6 36.8

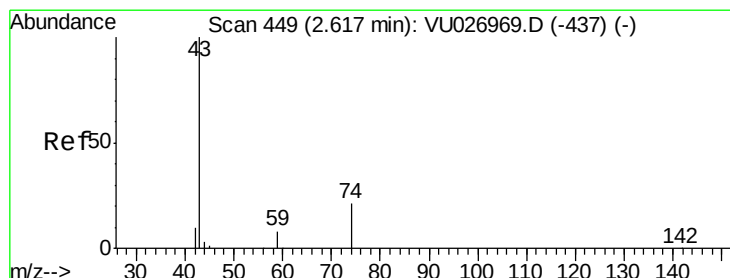
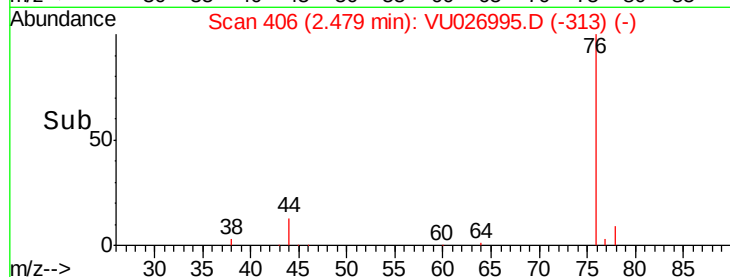
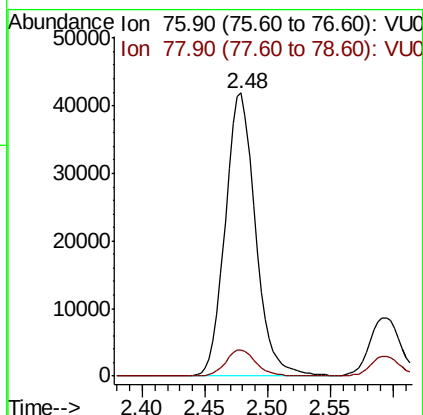
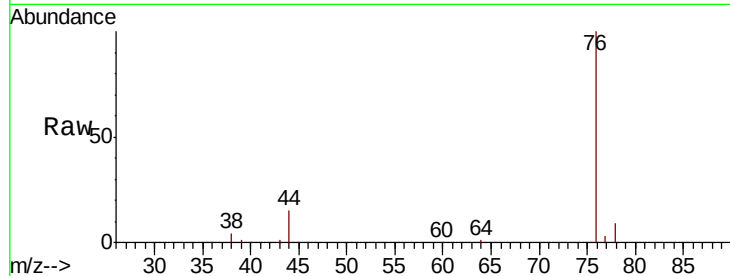




#17
Carbon Disulfide
Concen: 18.984 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

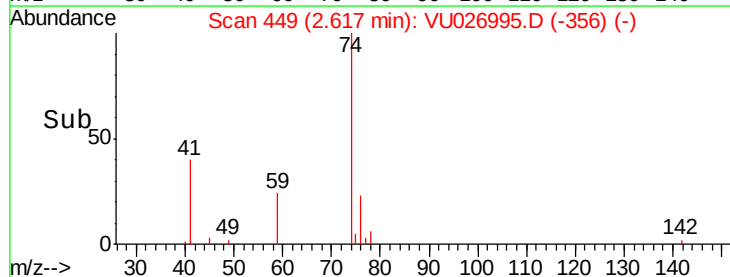
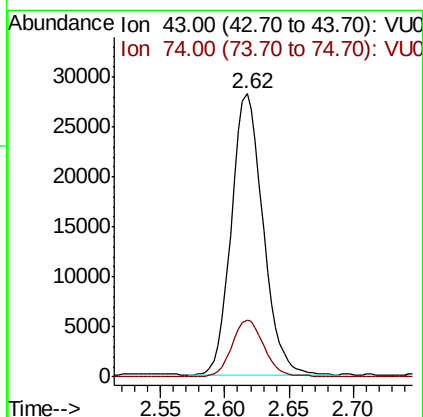
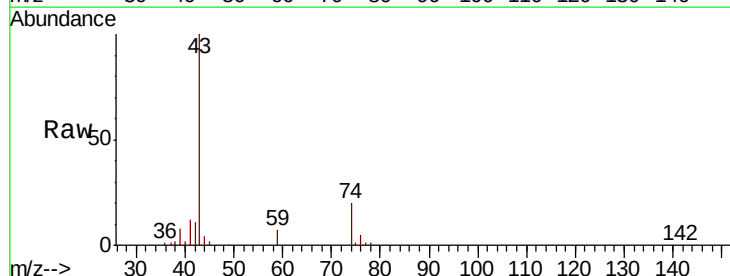
Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

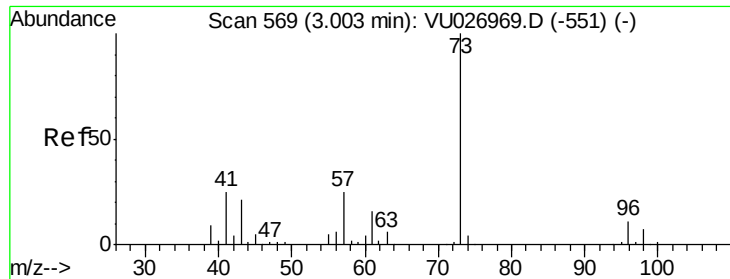
Tgt Ion: 76 Resp: 70315
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 20.388 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion: 43 Resp: 48080
Ion Ratio Lower Upper
43 100
74 20.7 16.6 25.0

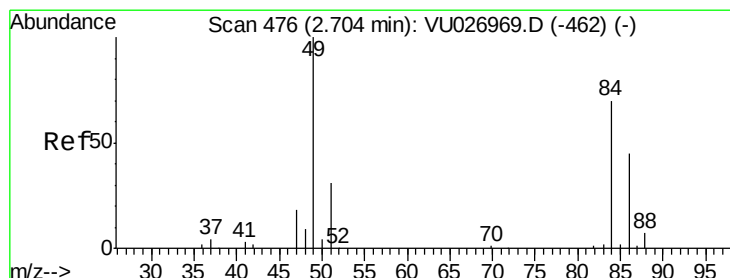
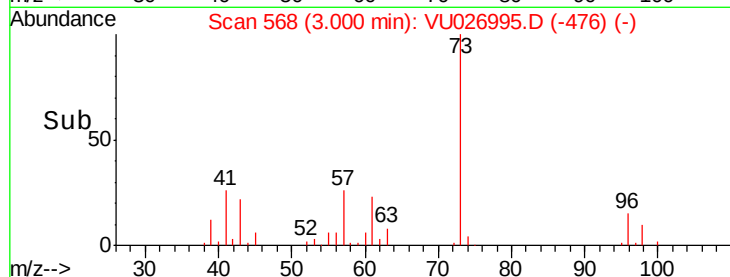
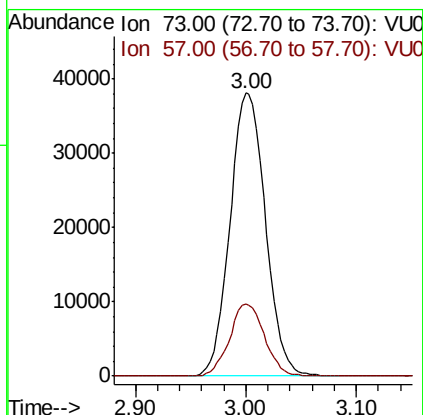
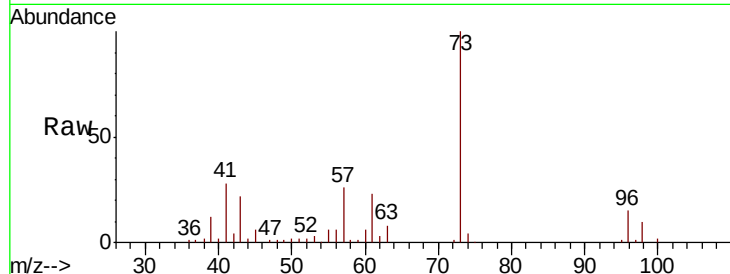




#19
Methyl tert-butyl Ether
Concen: 20.290 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

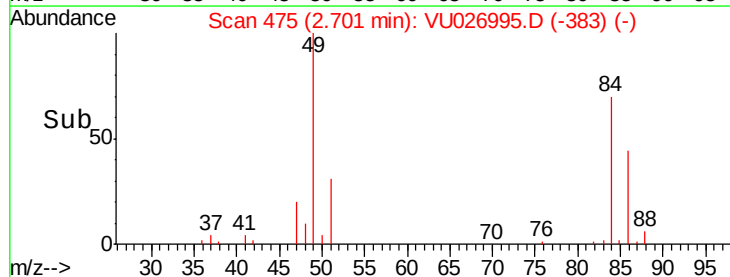
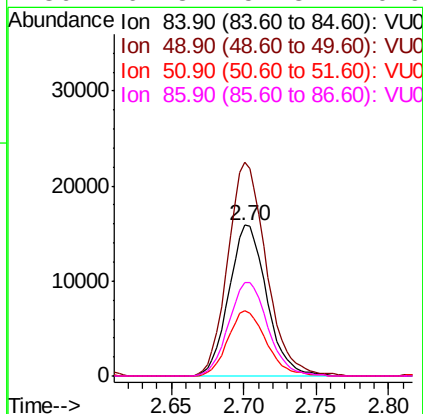
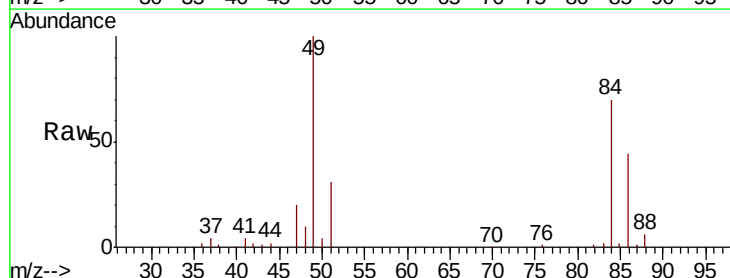
Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

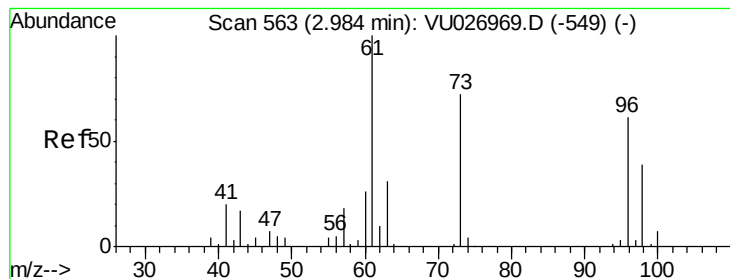
Tgt Ion: 73 Resp: 84774
Ion Ratio Lower Upper
73 100
57 25.5 19.8 29.6



#20
Methylene Chloride
Concen: 19.382 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion: 84 Resp: 28760
Ion Ratio Lower Upper
84 100
49 141.9 114.9 172.3
51 43.4 35.8 53.8
86 61.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.435 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS02

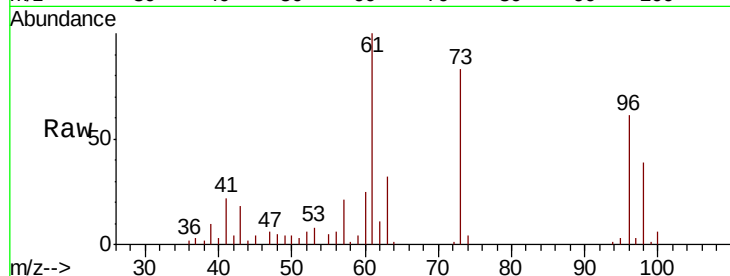
Tgt Ion: 96 Resp: 24806

Ion Ratio Lower Upper

96 100

61 163.0 131.8 197.6

98 63.1 50.9 76.3

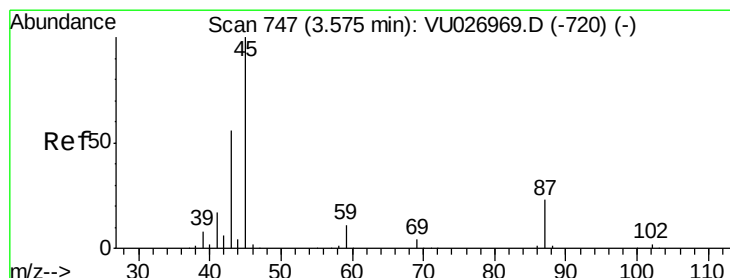
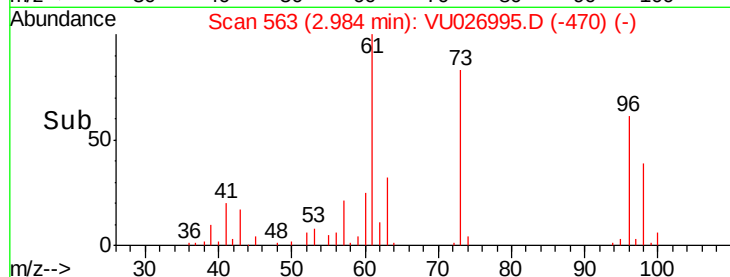
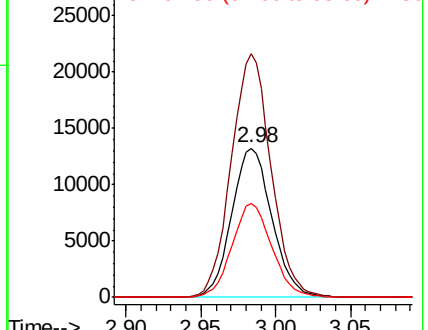


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 21.410 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Tgt Ion: 45 Resp: 105600

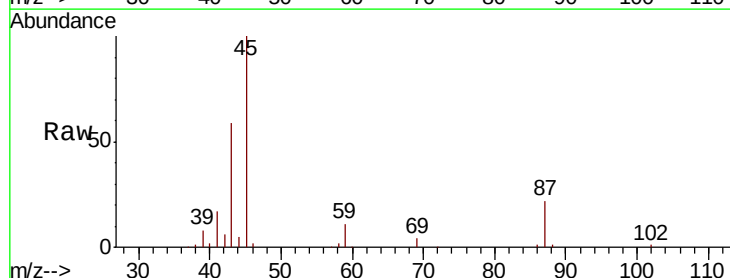
Ion Ratio Lower Upper

45 100

43 57.0 45.8 68.6

87 22.0 18.6 28.0

59 11.3 9.0 13.4



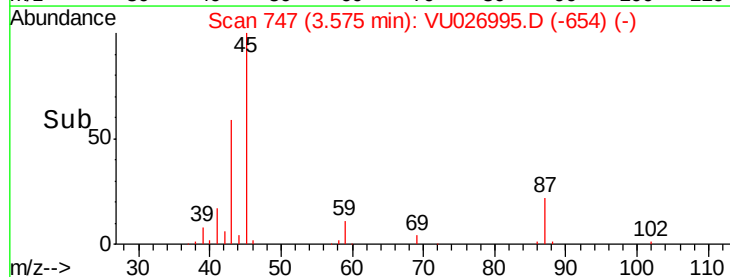
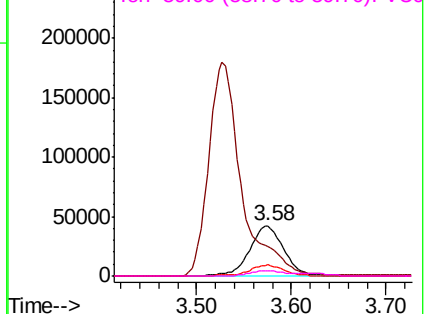
Abundance

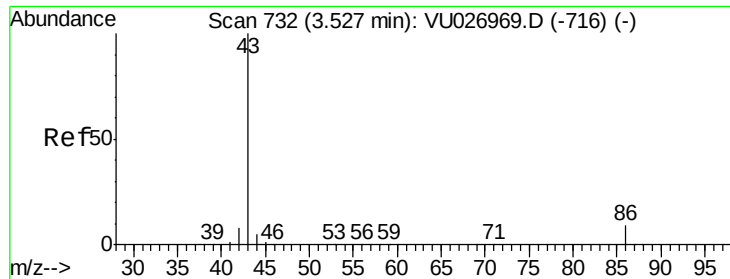
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 103.742 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

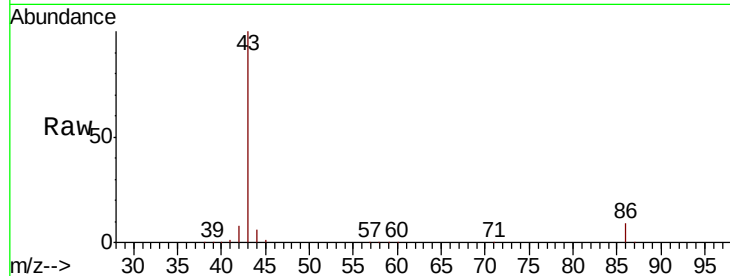
VU0922WBS02

Tgt Ion: 43 Resp: 436181

Ion Ratio Lower Upper

43 100

86 8.8 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

200000

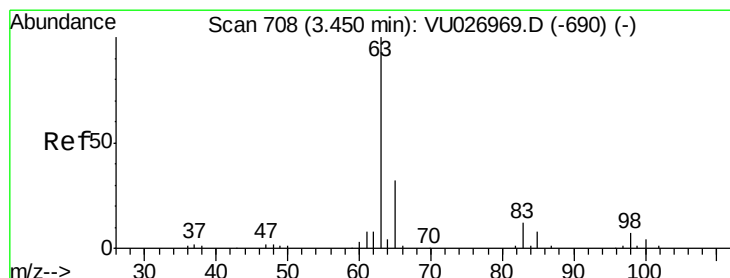
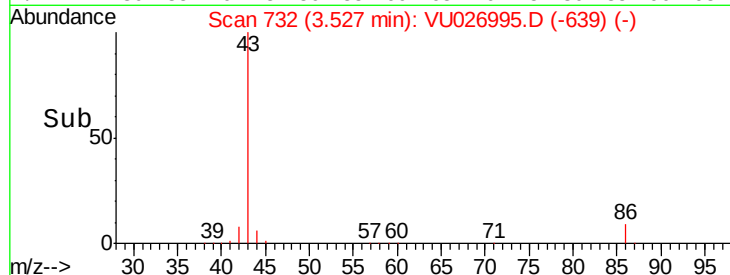
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.239 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

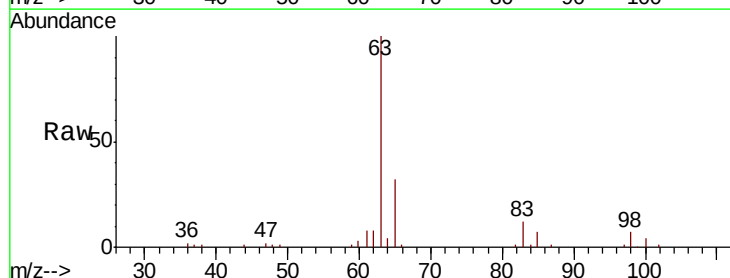
Tgt Ion: 63 Resp: 54982

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

3.45

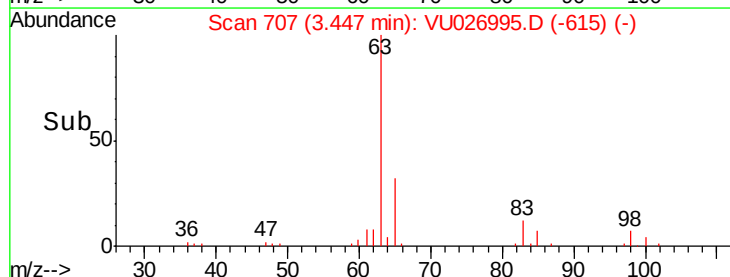
30000

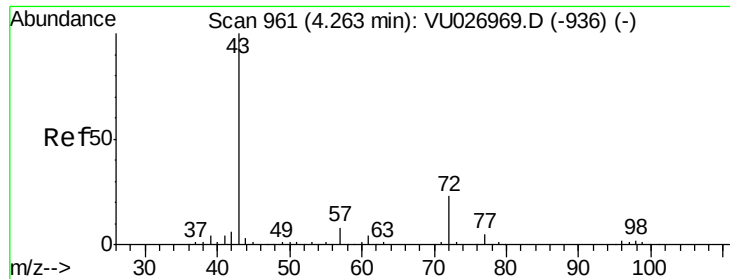
20000

10000

0

Time-->





#25

2-Butanone

Concen: 97.635 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

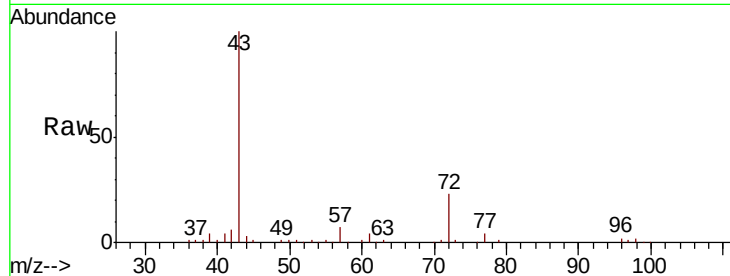
VU0922WBS02

Tgt Ion: 43 Resp: 135944

Ion Ratio Lower Upper

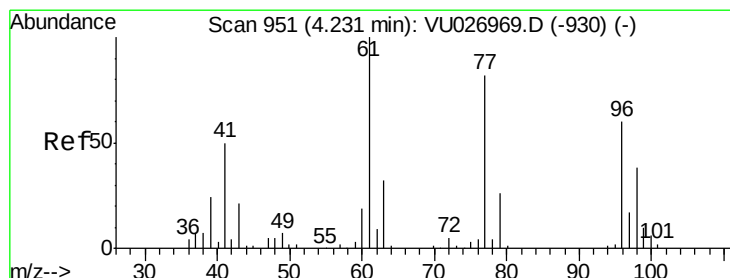
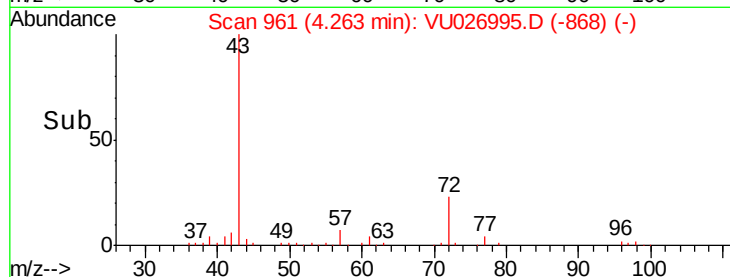
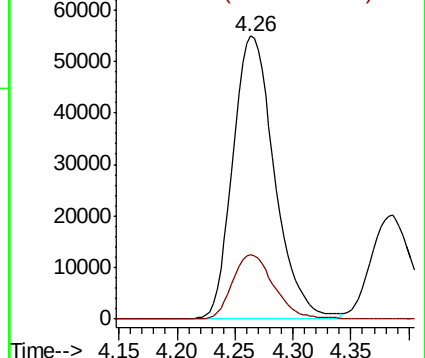
43 100

72 22.6 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 15.210 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU026995.D

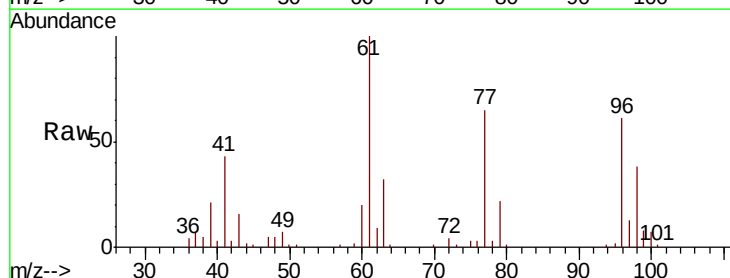
Acq: 22 Sep 2018 04:35

Tgt Ion: 77 Resp: 32223

Ion Ratio Lower Upper

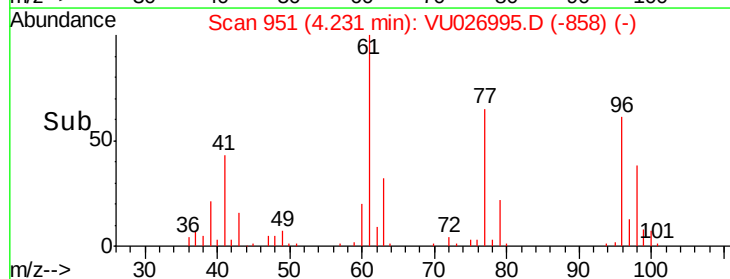
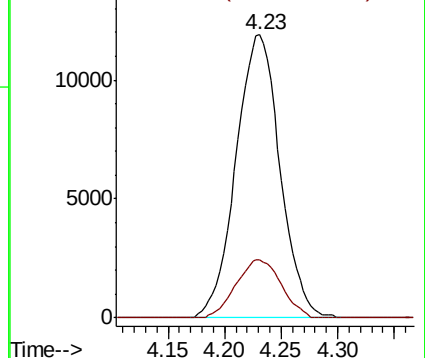
77 100

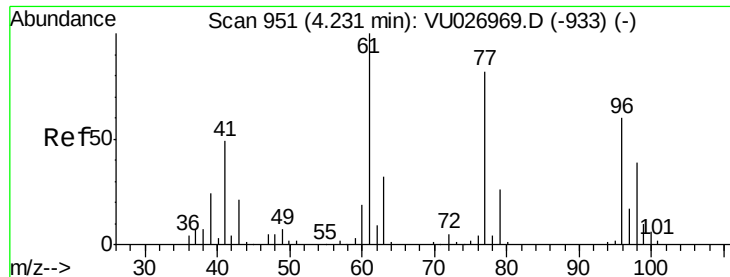
97 21.0 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



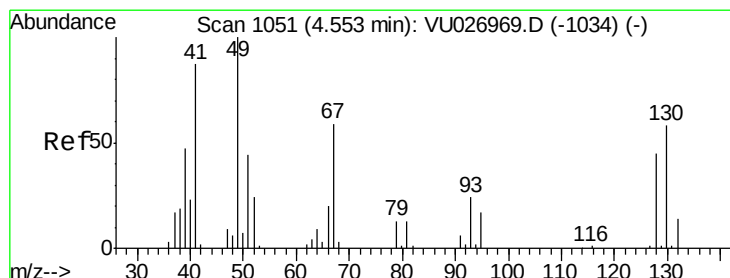
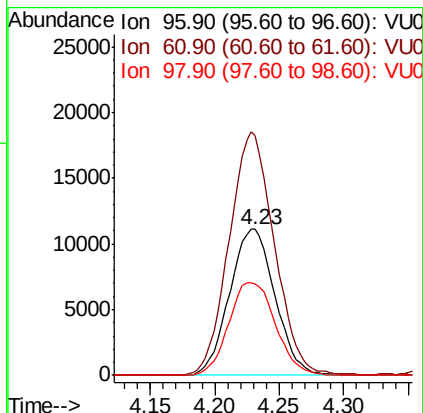
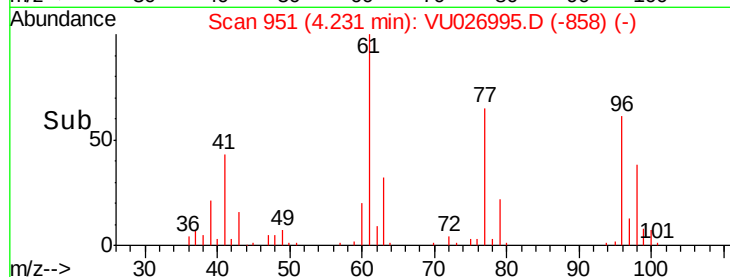
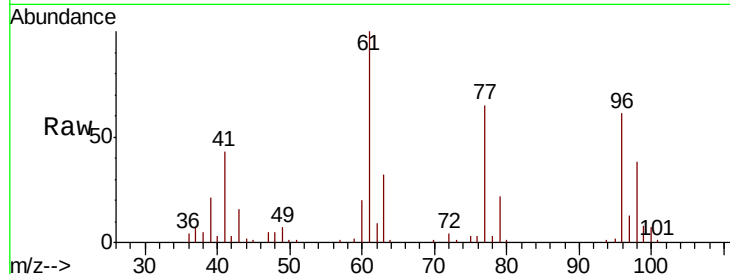


#27

cis-1,2-Dichloroethene
Concen: 19.823 ug/l
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

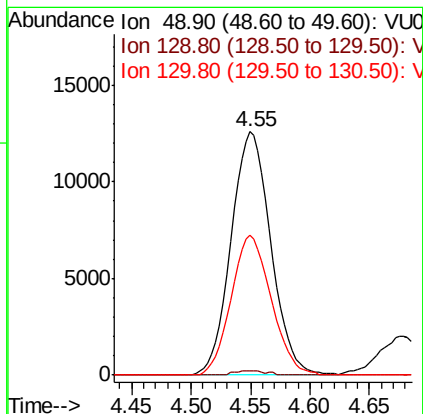
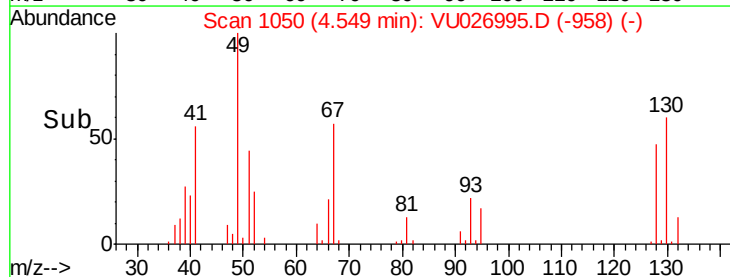
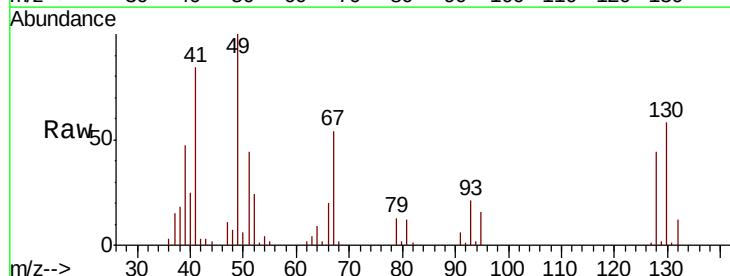
Tgt Ion: 96 Resp: 27175
Ion Ratio Lower Upper
96 100
61 166.3 0.0 337.2
98 65.4 0.0 127.6

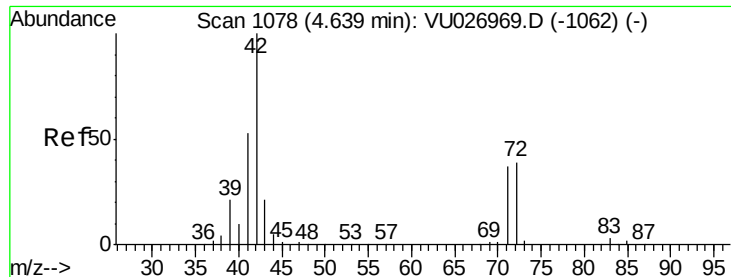


#28

Bromochloromethane
Concen: 22.280 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion: 49 Resp: 29176
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.0
130 57.8 47.8 71.8





#29

Tetrahydrofuran

Concen: 103.738 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS02

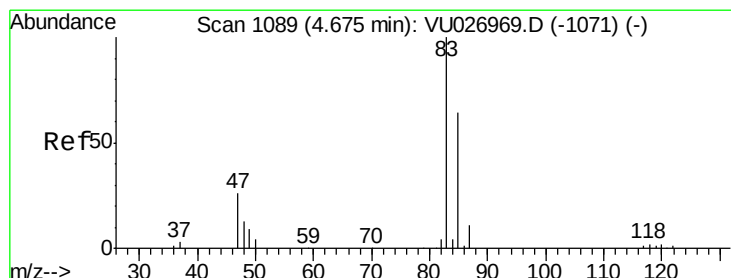
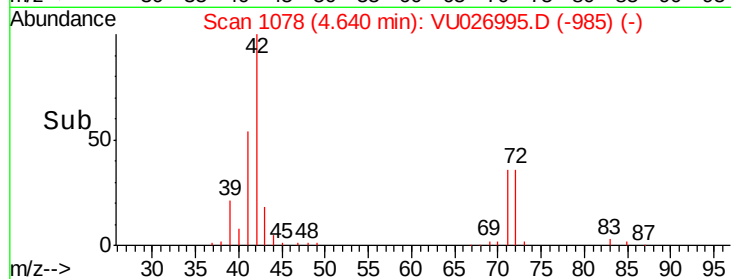
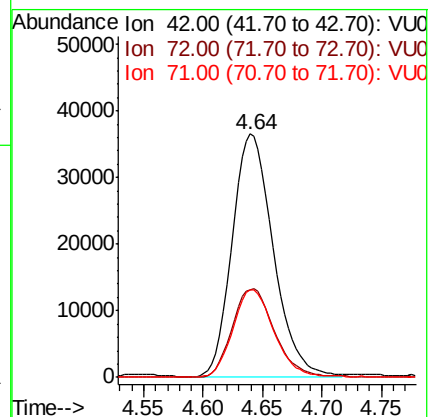
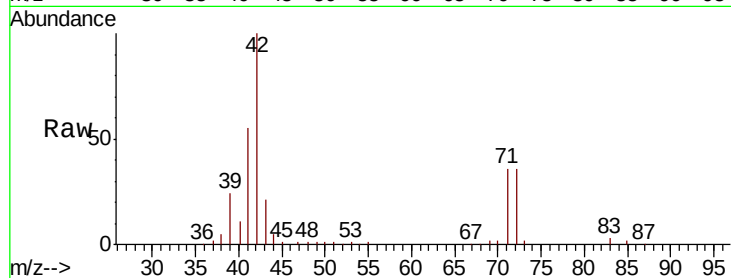
Tgt Ion: 42 Resp: 87378

Ion Ratio Lower Upper

42 100

72 37.6 31.7 47.5

71 35.9 29.6 44.4



#30

Chloroform

Concen: 19.624 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU026995.D

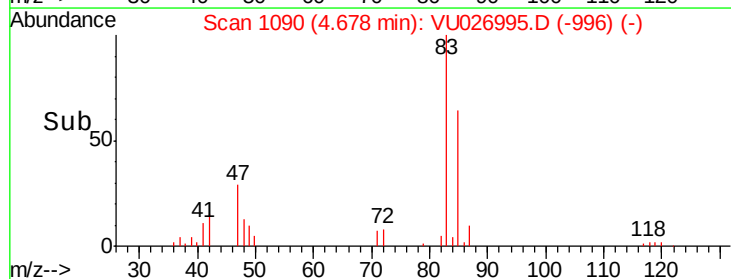
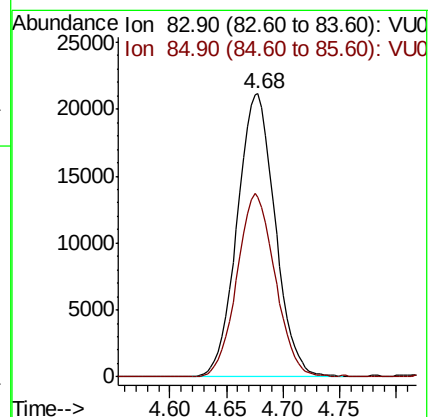
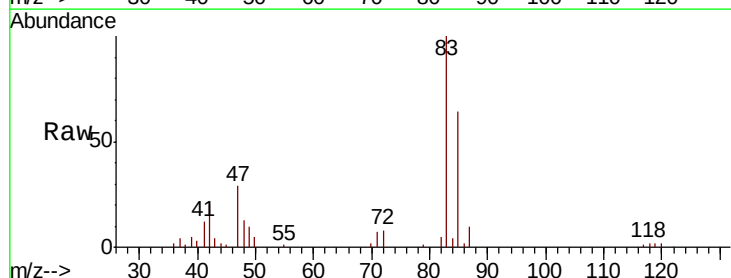
Acq: 22 Sep 2018 04:35

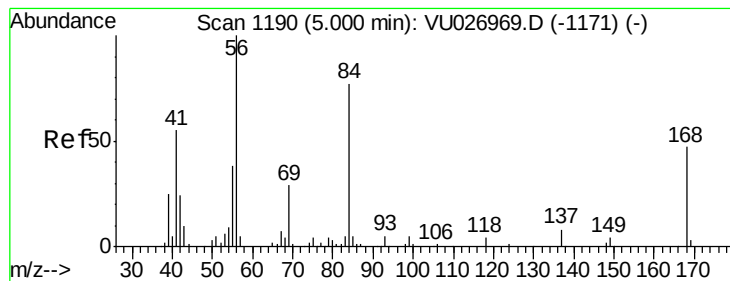
Tgt Ion: 83 Resp: 49484

Ion Ratio Lower Upper

83 100

85 63.7 51.5 77.3





#31

Cyclohexane

Concen: 20.235 ug/l

RT: 5.00 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS02

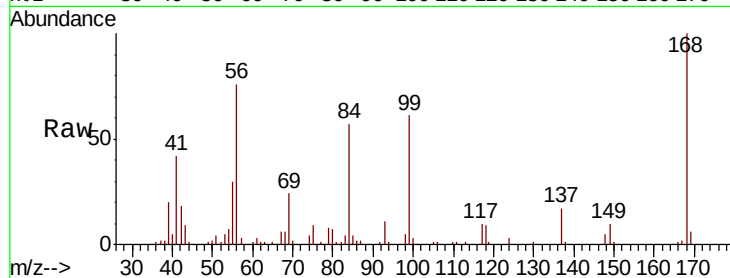
Tgt Ion: 56 Resp: 50814

Ion Ratio Lower Upper

56 100

69 31.8 23.0 34.4

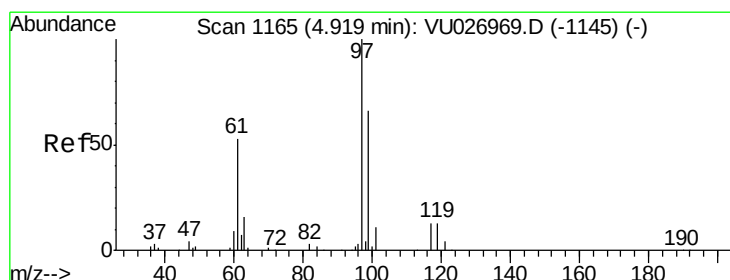
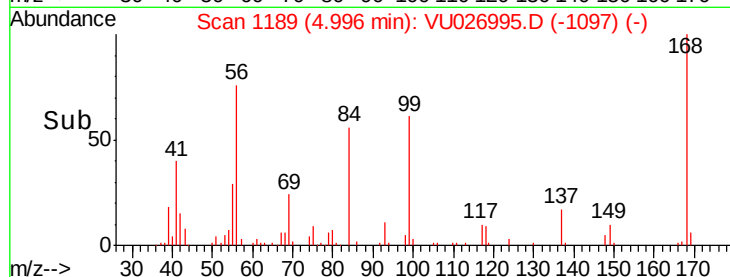
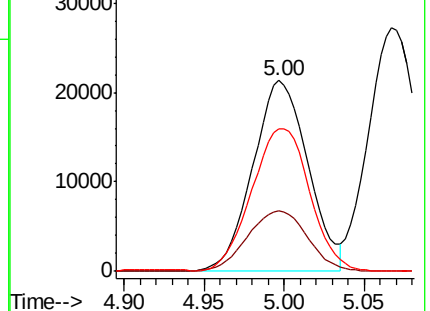
84 74.2 61.4 92.2



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: 20.260 ug/l

RT: 4.92 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

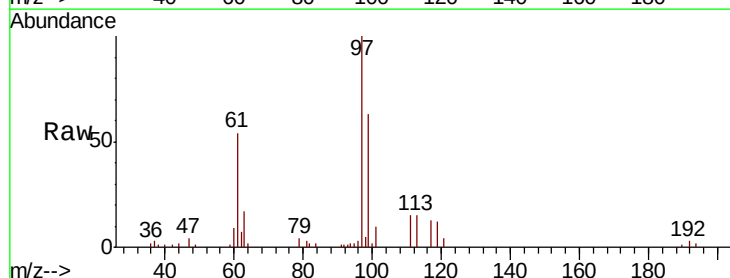
Tgt Ion: 97 Resp: 40789

Ion Ratio Lower Upper

97 100

99 62.8 51.8 77.6

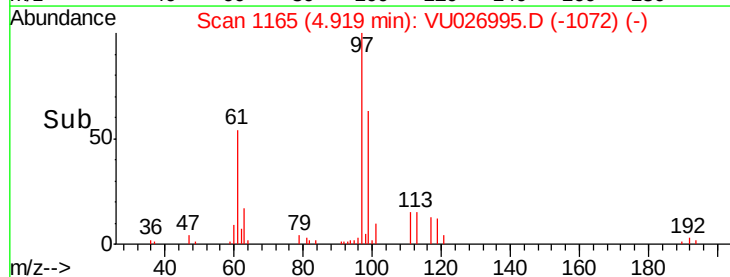
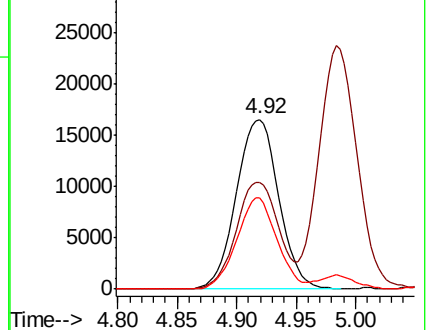
61 51.0 41.1 61.7

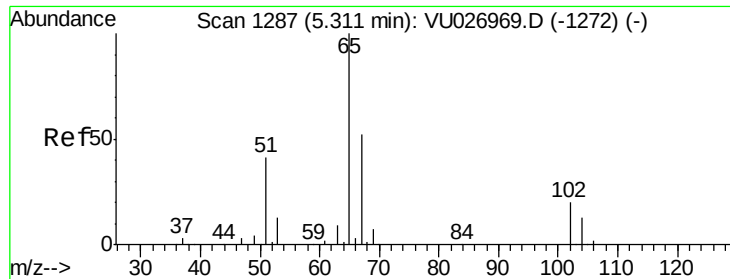


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

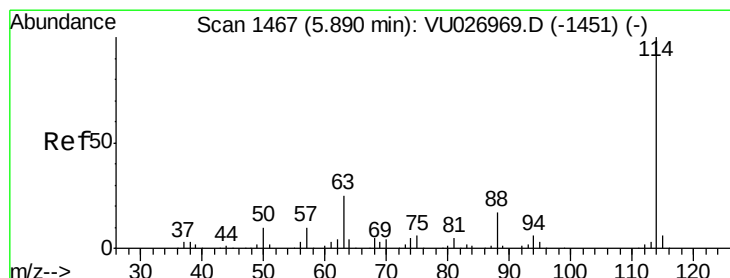
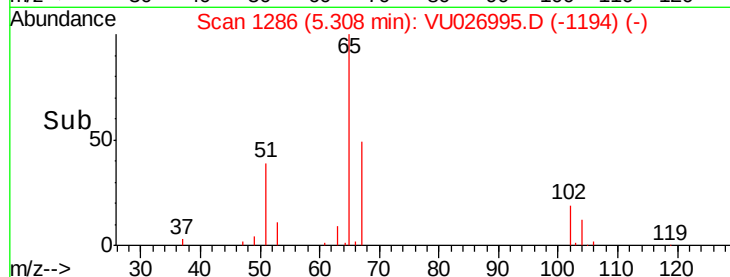
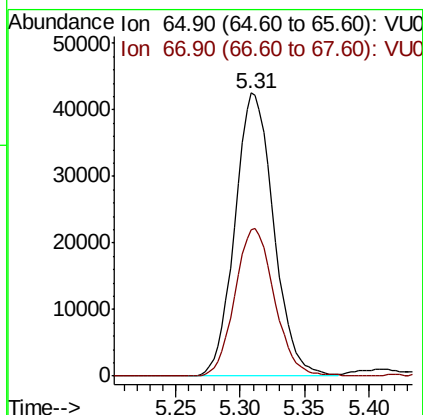
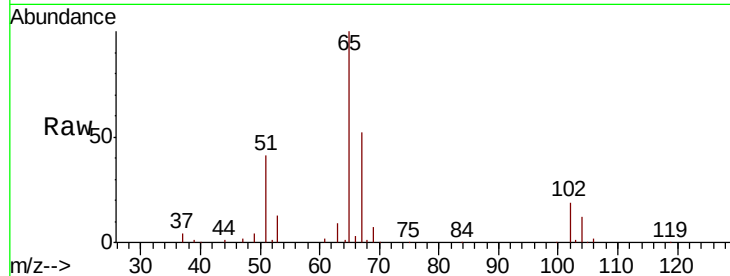




#33
 1,2-Dichloroethane-d4
 Concen: 53.743 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

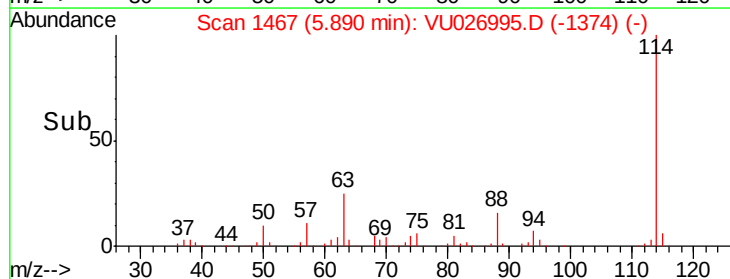
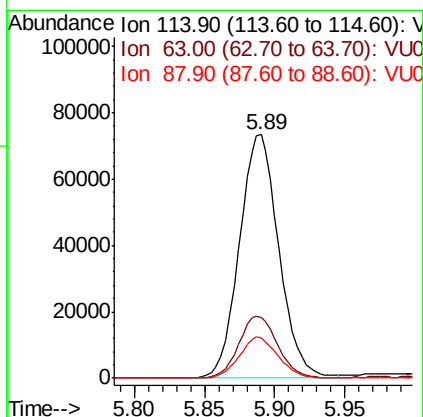
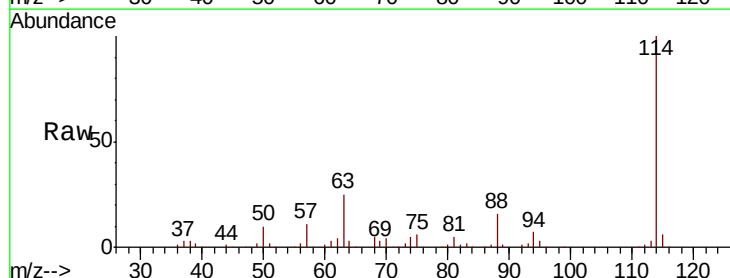
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

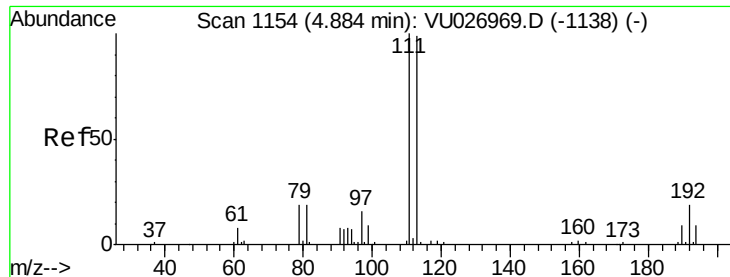
Tgt Ion: 65 Resp: 89043
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 114 Resp: 143642
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.4 0.0 33.8

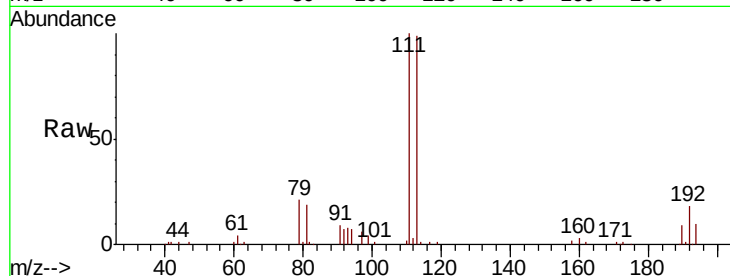




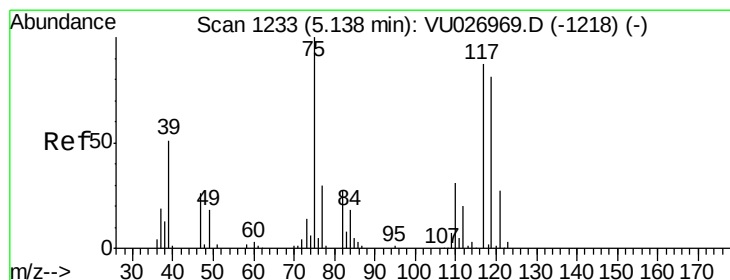
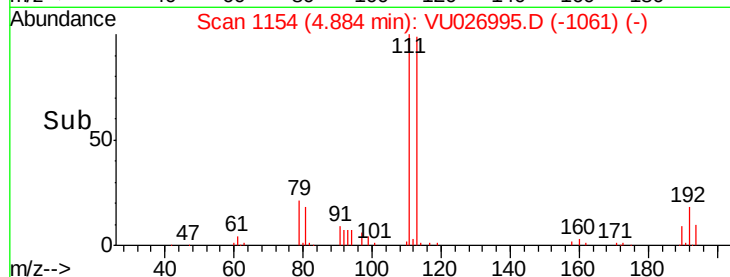
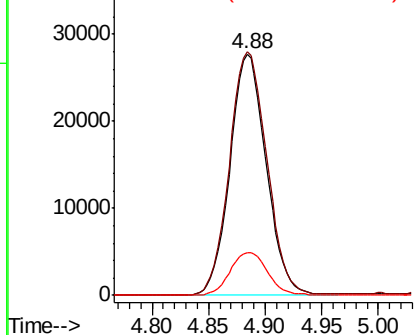
#35
 Dibromofluoromethane
 Concen: 49.879 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

Tgt Ion:113 Resp: 62104
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.2 123.4
 192 18.4 15.2 22.8

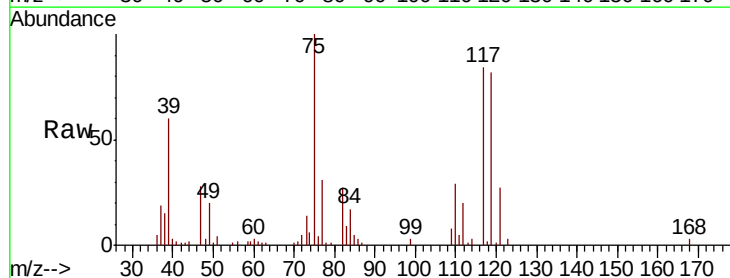


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

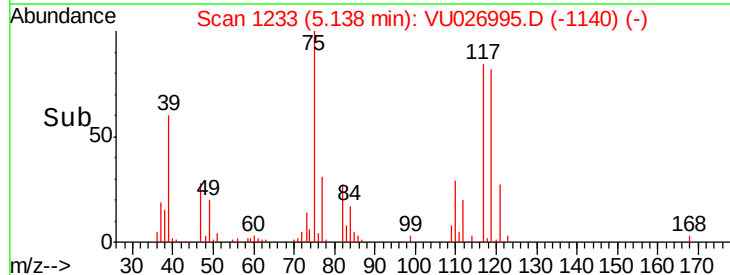
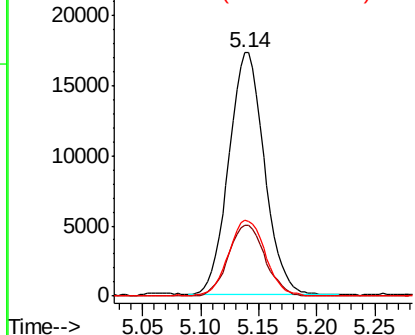


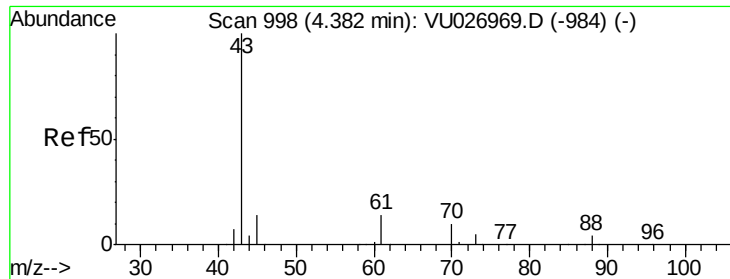
#36
 1,1-Dichloropropene
 Concen: 19.207 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 75 Resp: 36822
 Ion Ratio Lower Upper
 75 100
 110 30.2 16.1 48.2
 77 32.4 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: 18.651 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS02

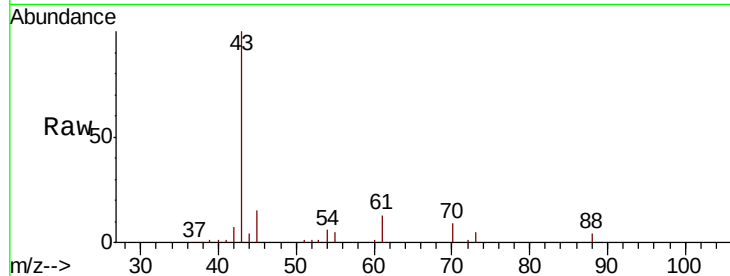
Tgt Ion: 43 Resp: 48402

Ion Ratio Lower Upper

43 100

61 13.9 10.5 15.7

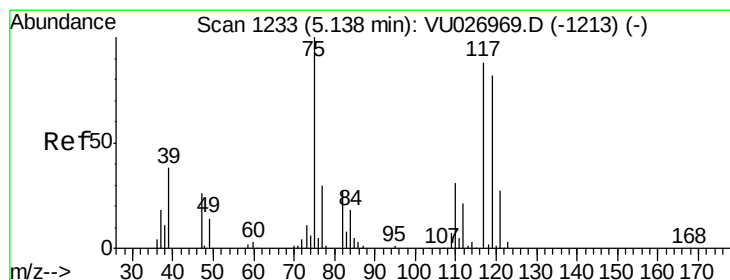
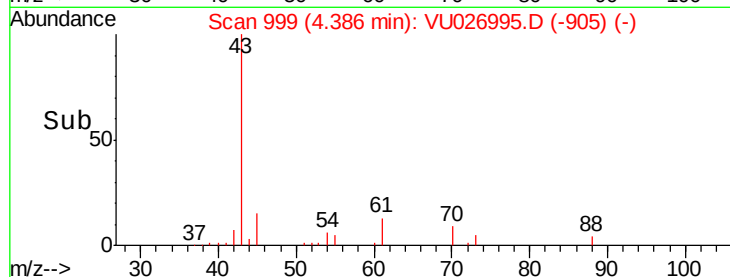
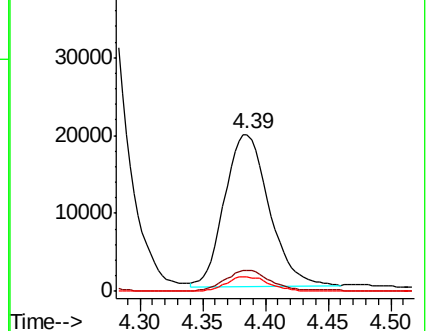
70 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0



#38

Carbon Tetrachloride

Concen: 19.032 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

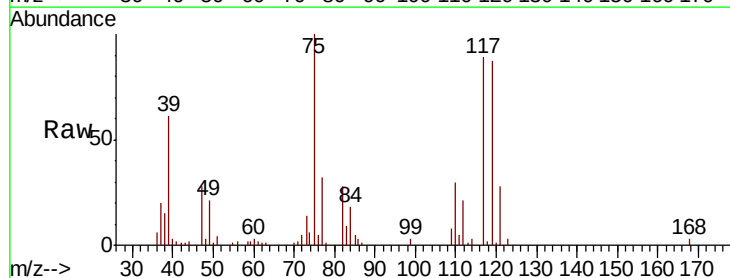
Tgt Ion: 117 Resp: 34720

Ion Ratio Lower Upper

117 100

119 97.4 74.4 111.6

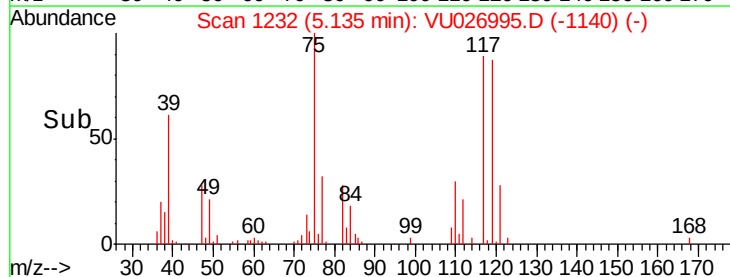
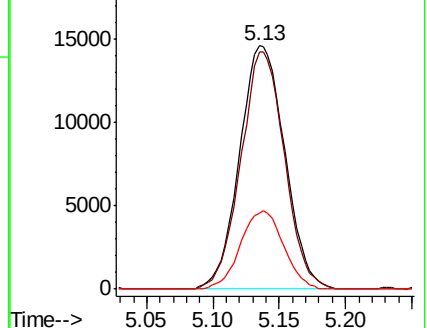
121 31.4 24.2 36.4

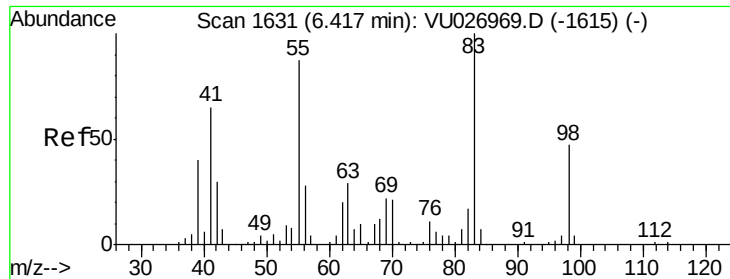


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

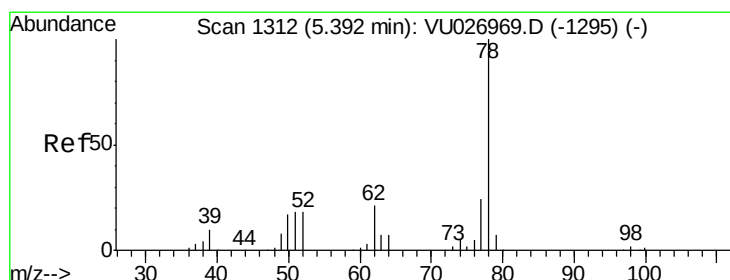
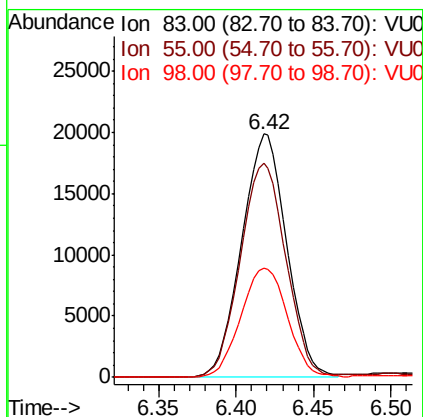
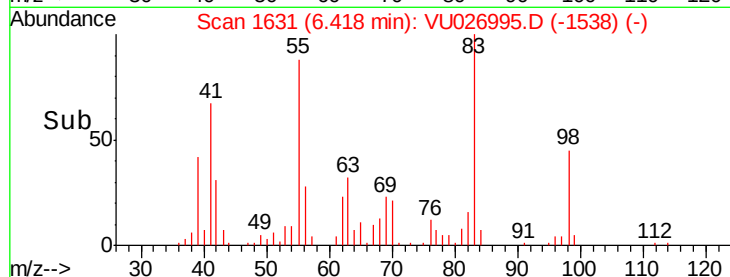
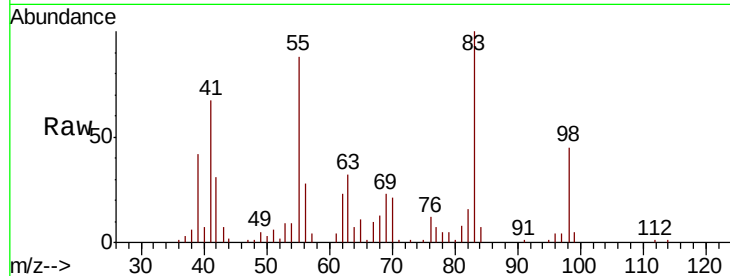




#39
Methylcyclohexane
Concen: 19.305 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

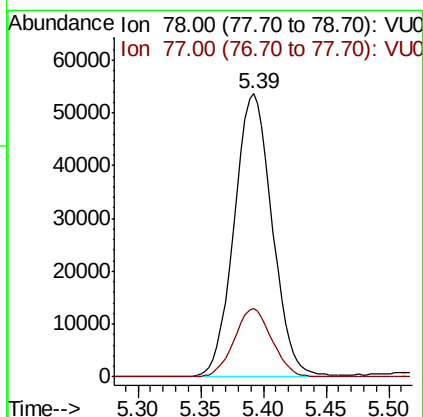
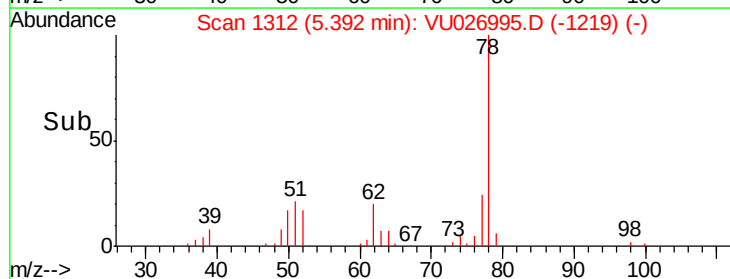
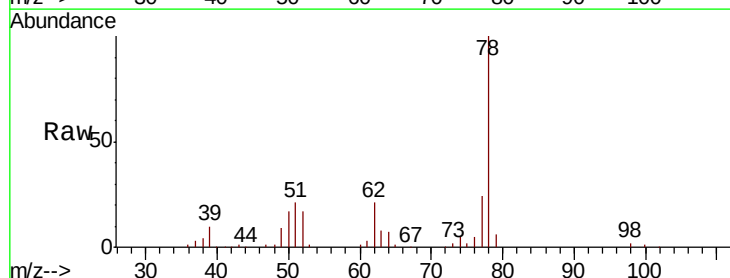
Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

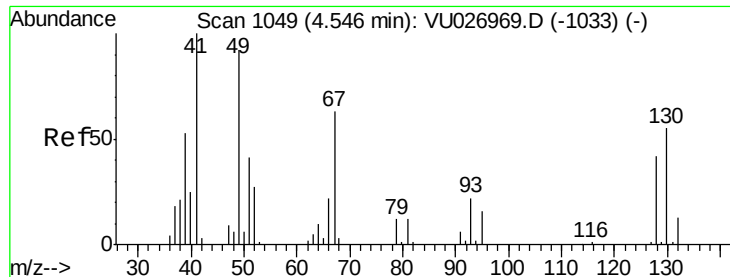
Tgt Ion: 83 Resp: 40219
Ion Ratio Lower Upper
83 100
55 87.9 69.9 104.9
98 45.0 37.5 56.3



#40
Benzene
Concen: 19.450 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion: 78 Resp: 113351
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

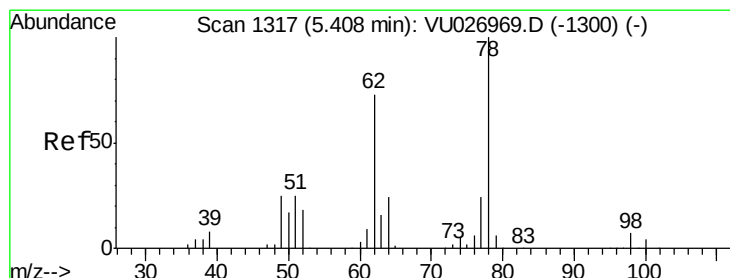
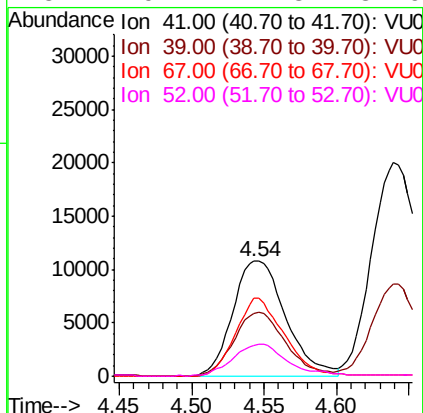
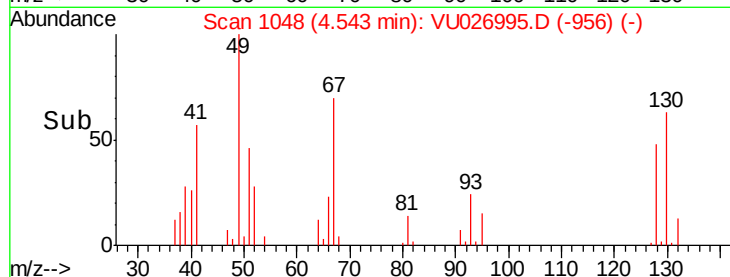
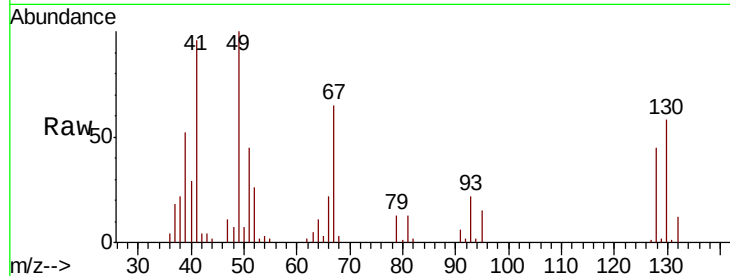




#41
Methacrylonitrile
Concen: 20.369 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

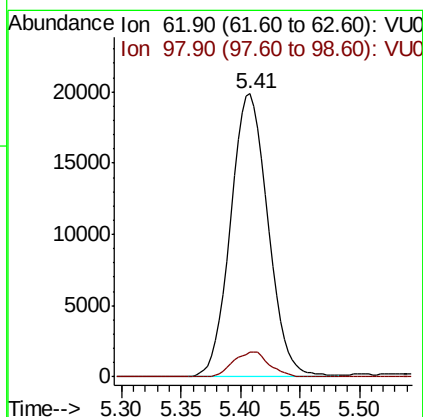
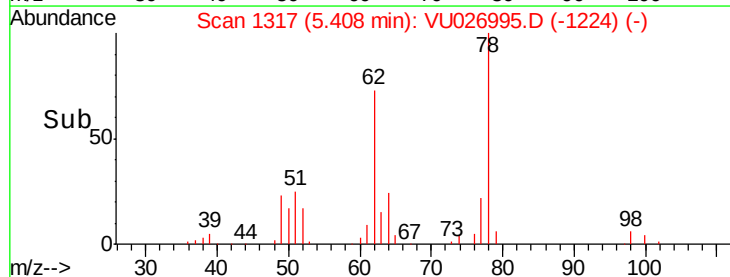
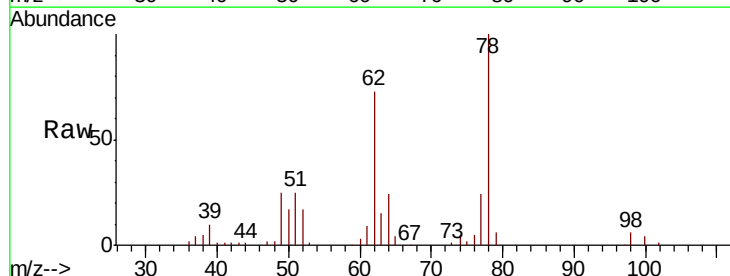
Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

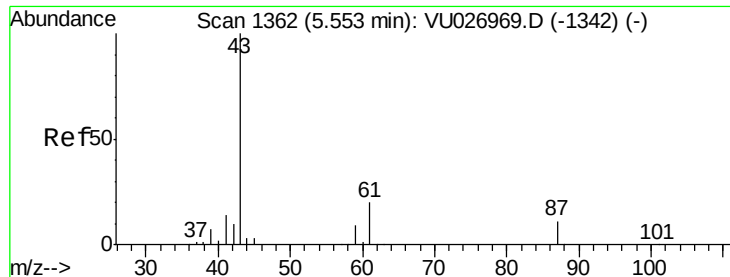
Tgt Ion:	41	Resp:	27453
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.9	64.3
67	62.2	52.4	78.6
52	29.1	21.3	31.9



#42
1,2-Dichloroethane
Concen: 19.707 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion:	62	Resp:	43392
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0





#43

Isopropyl Acetate

Concen: 20.051 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS02

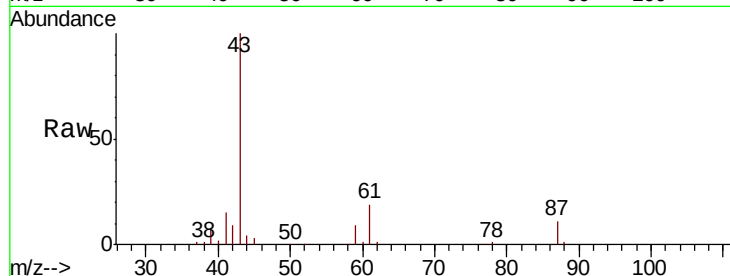
Tgt Ion: 43 Resp: 75887

Ion Ratio Lower Upper

43 100

61 19.3 15.7 23.5

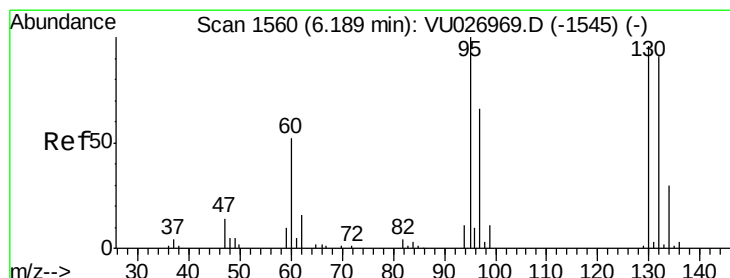
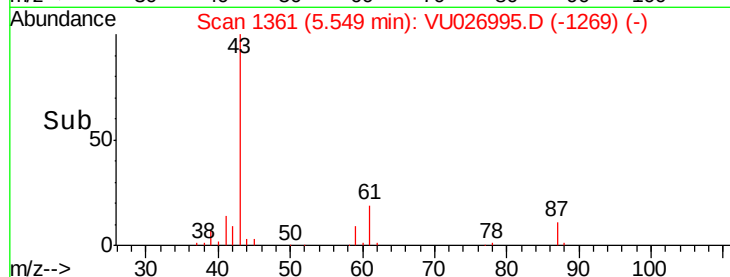
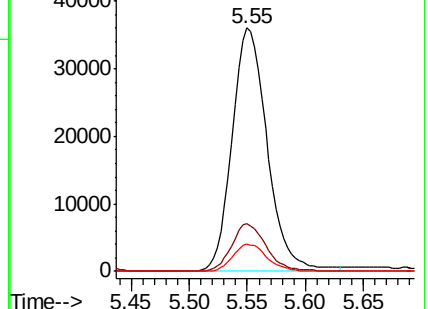
87 10.7 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026995.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026995.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026995.D (-1342) (-)



#44

Trichloroethene

Concen: 19.137 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026995.D

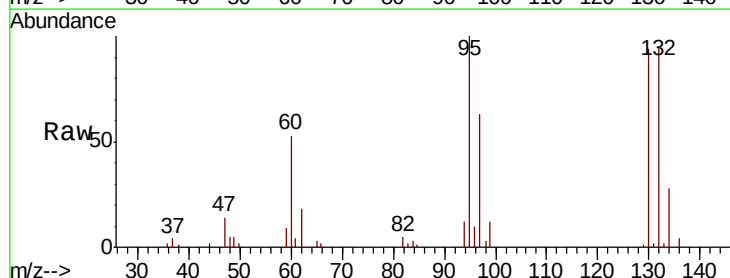
Acq: 22 Sep 2018 04:35

Tgt Ion: 130 Resp: 23743

Ion Ratio Lower Upper

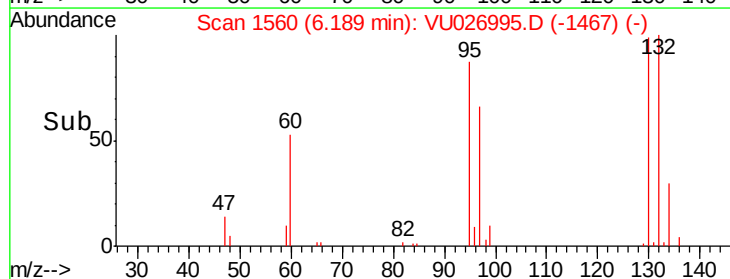
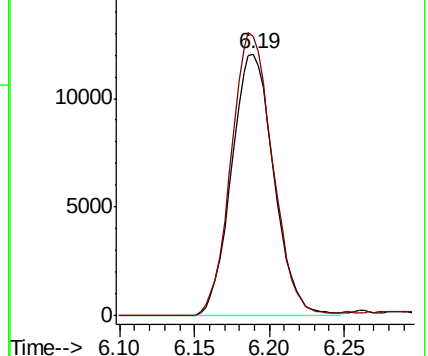
130 100

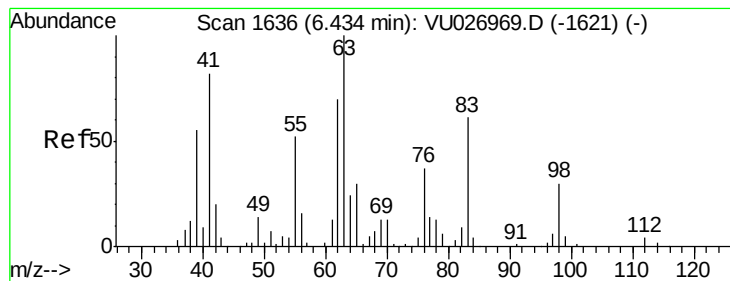
95 106.9 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026995.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026995.D (-1545) (-)





#45

1,2-Dichloropropane

Concen: 19.899 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

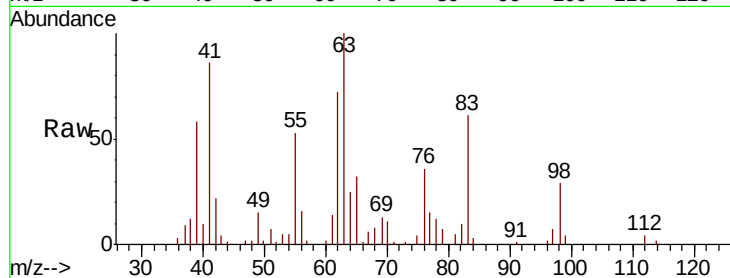
VU0922WBS02

Tgt Ion: 63 Resp: 33043

Ion Ratio Lower Upper

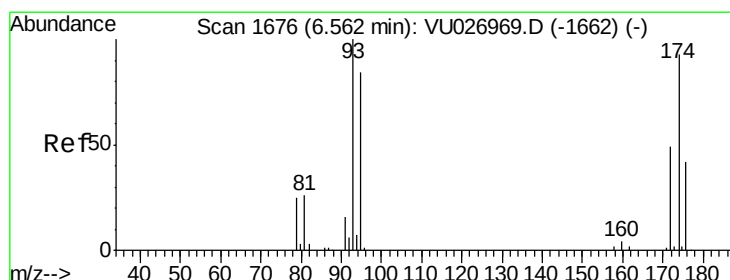
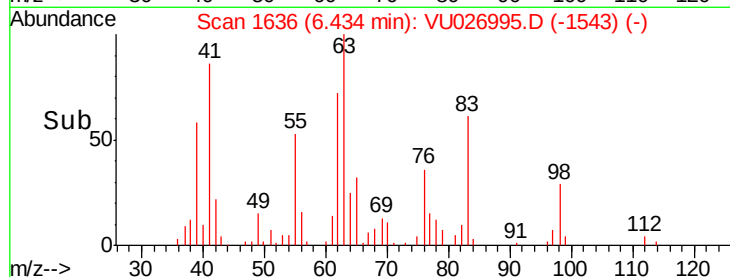
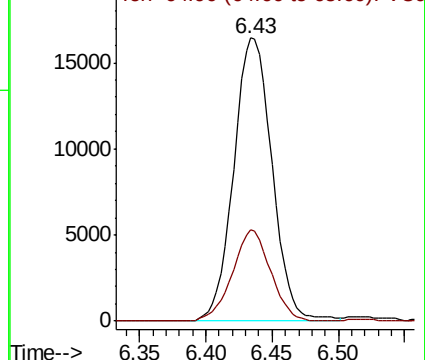
63 100

65 32.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 19.180 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

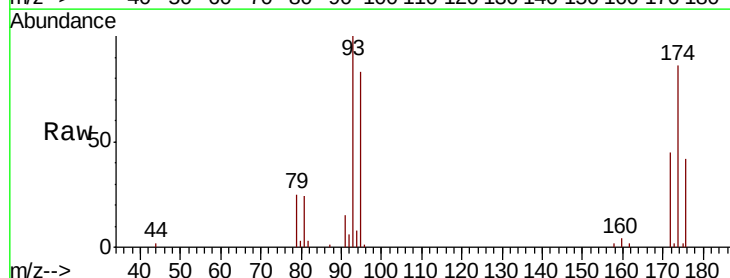
Tgt Ion: 93 Resp: 19235

Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

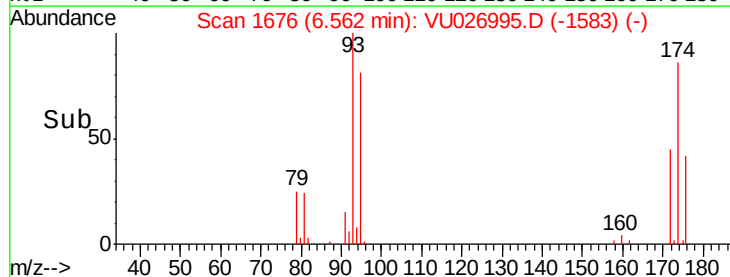
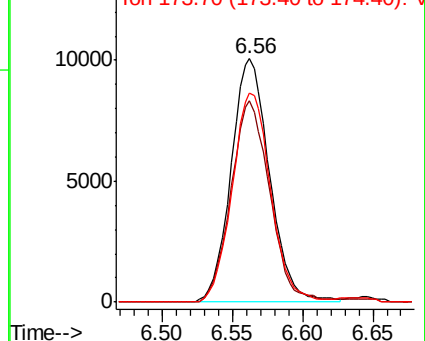
174 86.2 71.7 107.5

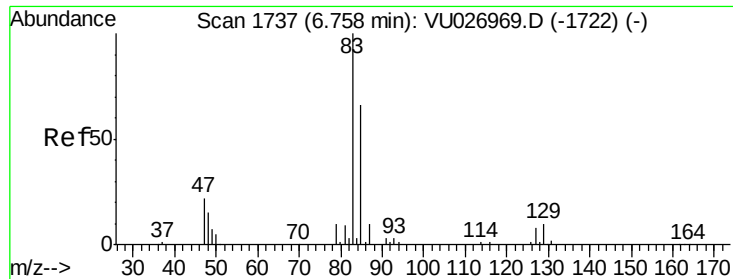


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

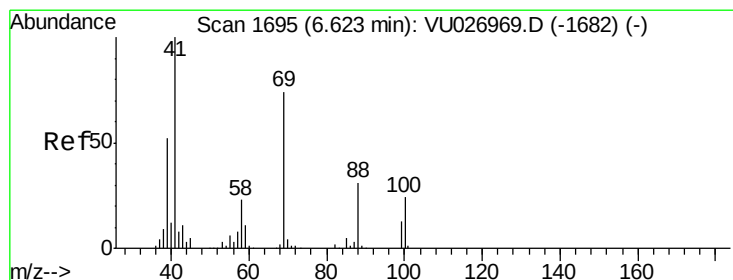
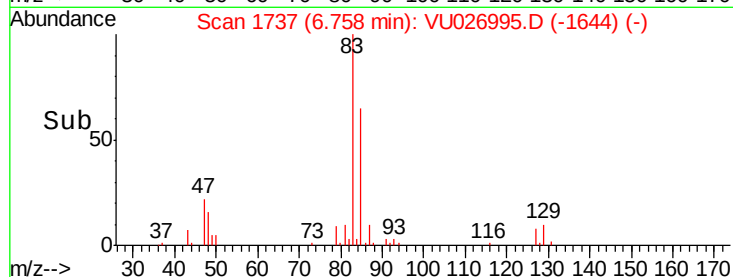
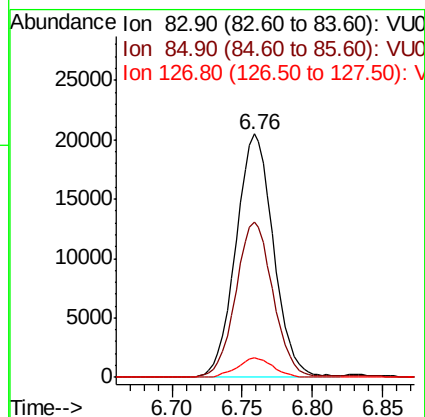
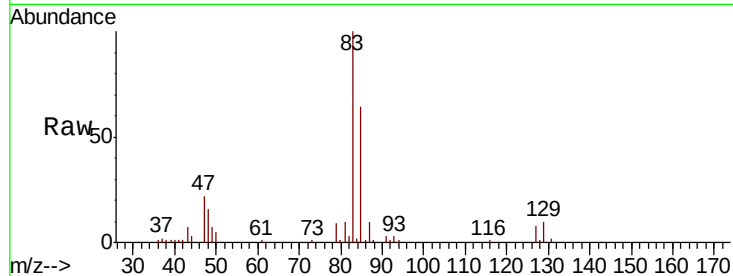




#47
 Bromodichloromethane
 Concen: 18.822 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

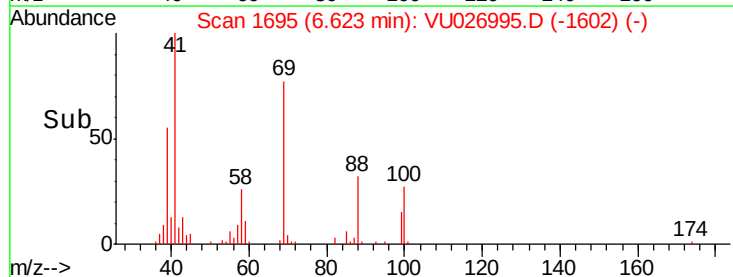
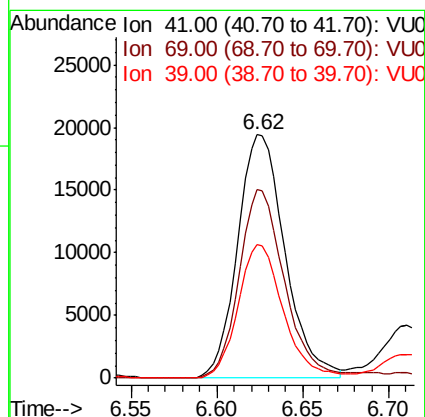
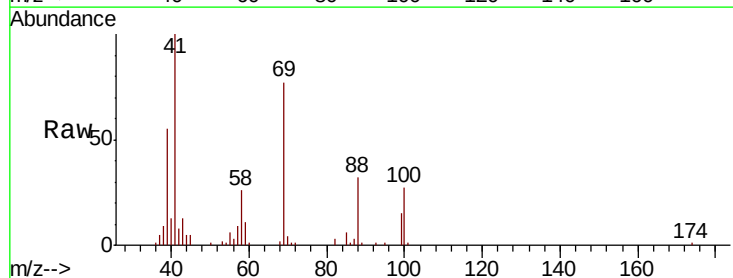
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

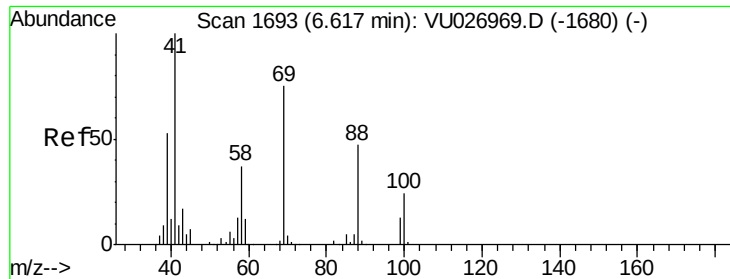
Tgt Ion: 83 Resp: 38169
 Ion Ratio Lower Upper
 83 100
 85 63.9 52.5 78.7
 127 7.9 6.3 9.5



#48
 Methyl methacrylate
 Concen: 18.739 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 41 Resp: 37272
 Ion Ratio Lower Upper
 41 100
 69 74.5 60.6 90.8
 39 52.4 42.8 64.2

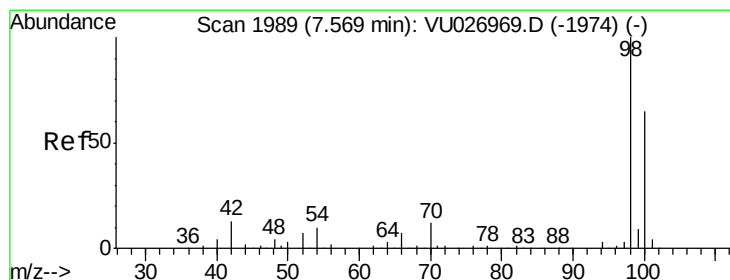
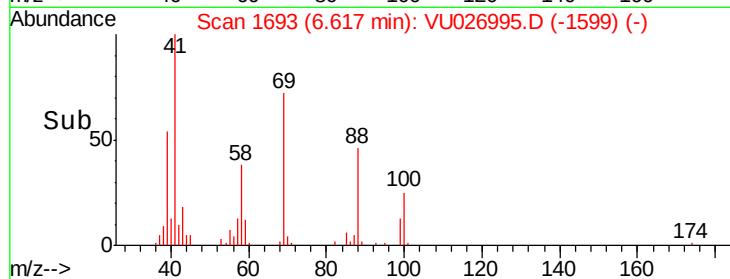
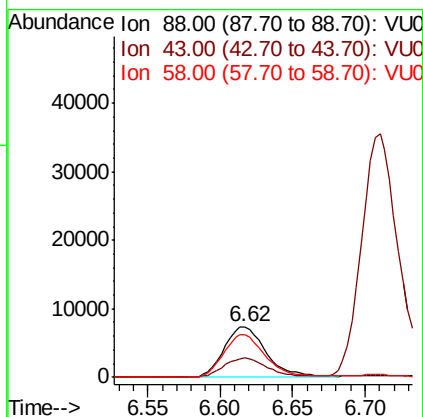
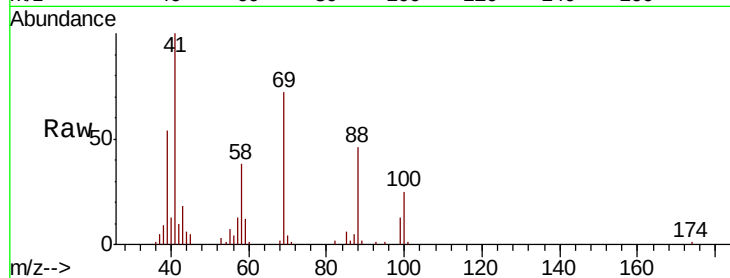




#49
1,4-Dioxane
Concen: 363.306 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

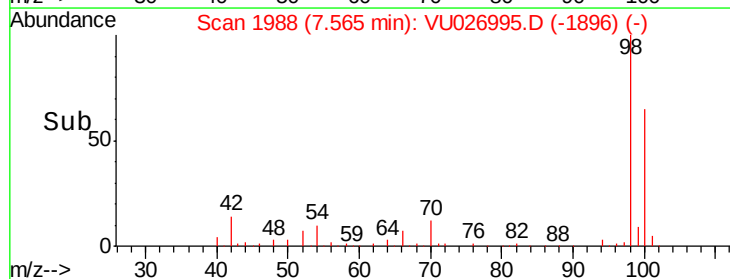
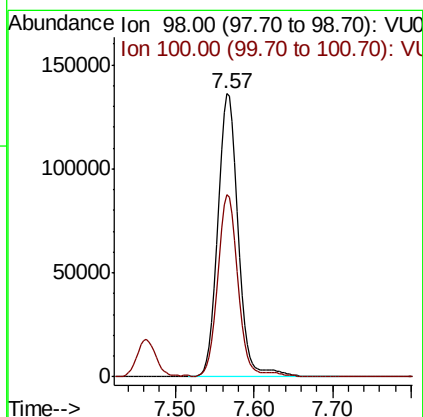
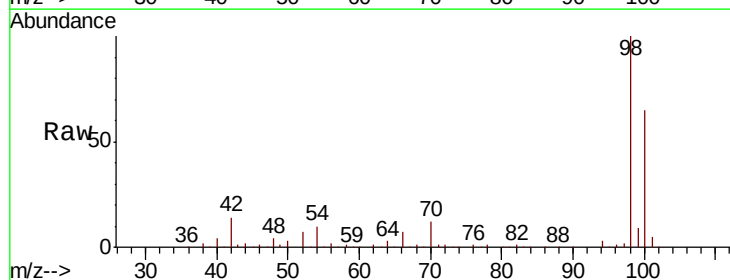
Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

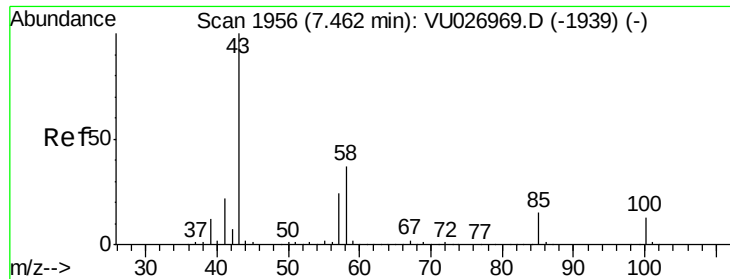
Tgt Ion: 88 Resp: 14908
Ion Ratio Lower Upper
88 100
43 40.0 29.8 44.8
58 84.4 63.9 95.9



#50
Toluene-d8
Concen: 51.423 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion: 98 Resp: 244005
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 101.632 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

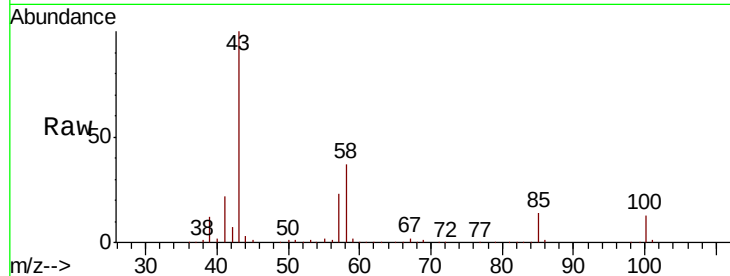
VU0922WBS02

Tgt Ion: 43 Resp: 258704

Ion Ratio Lower Upper

43 100

58 36.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

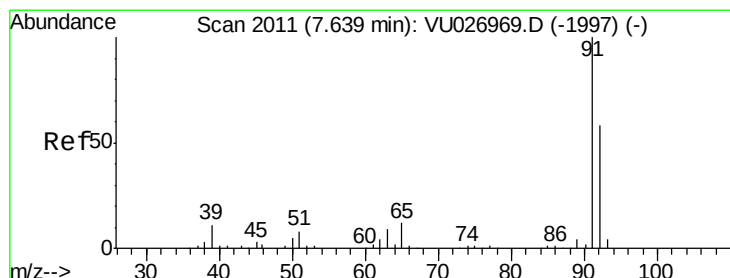
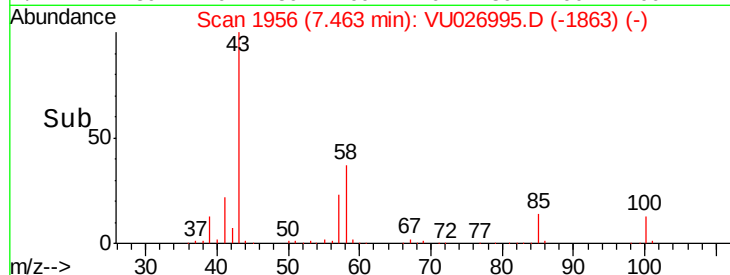
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.523 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026995.D

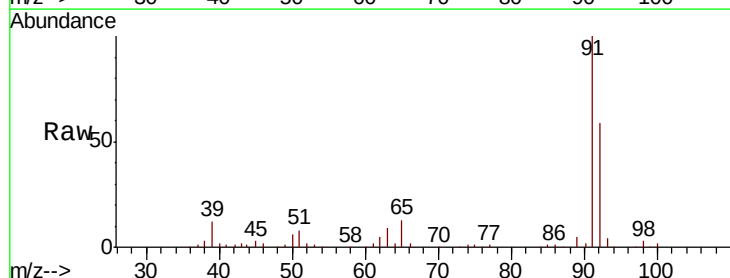
Acq: 22 Sep 2018 04:35

Tgt Ion: 92 Resp: 65217

Ion Ratio Lower Upper

92 100

91 174.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

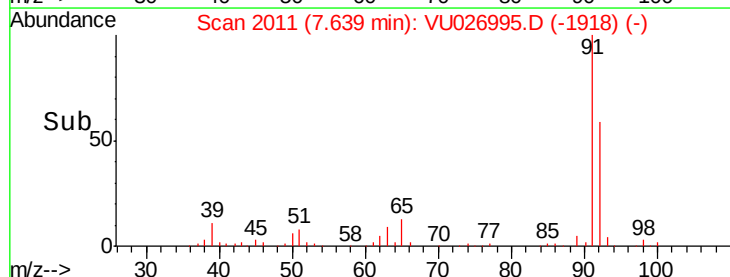
60000

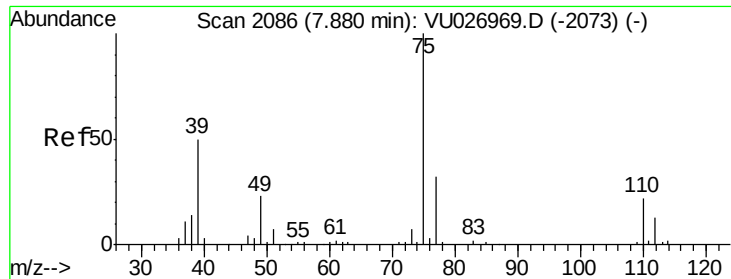
40000

20000

0

Time-->

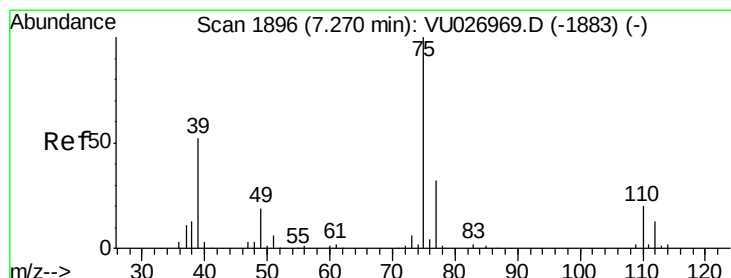
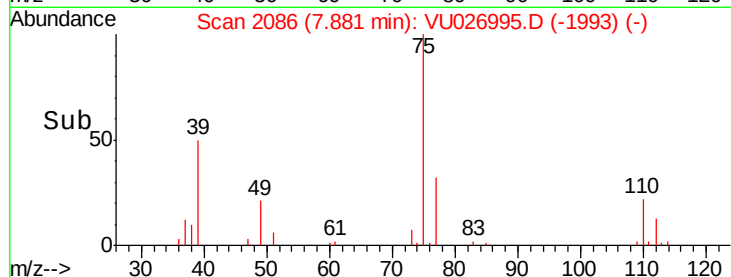
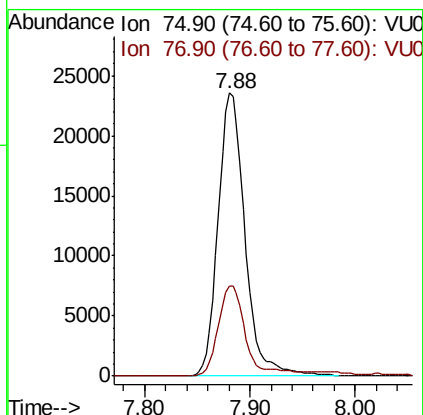
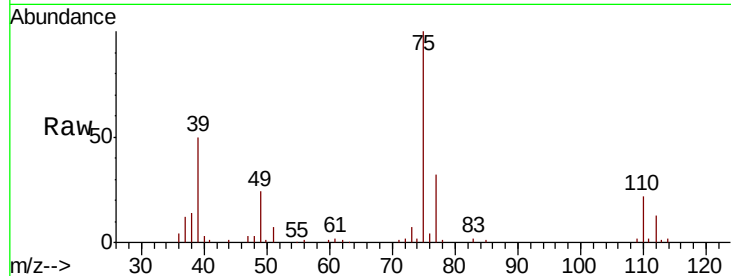




#53
t-1,3-Dichloropropene
Concen: 19.072 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

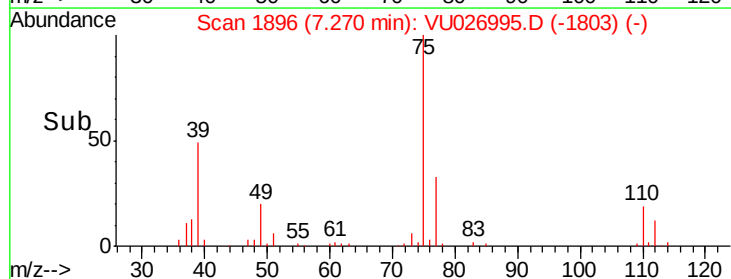
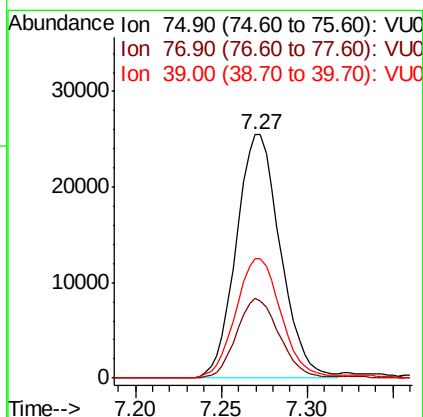
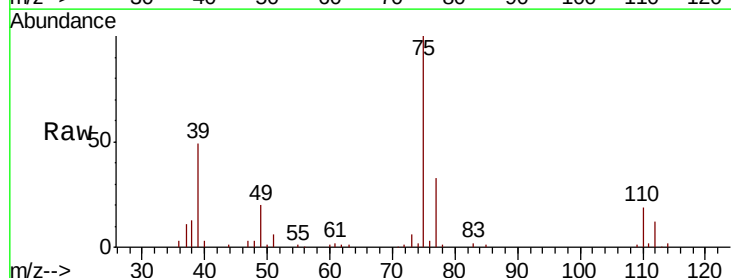
Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

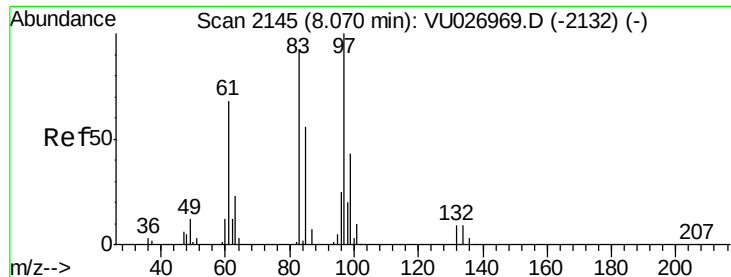
Tgt Ion: 75 Resp: 41554
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 18.979 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion: 75 Resp: 45467
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 49.2 41.6 62.4





#55

1,1,2-Trichloroethane

Concen: 19.115 ug/l

RT: 8.07 min Scan# 2144

Delta R.T. -0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS02

Tgt Ion: 97 Resp: 27057

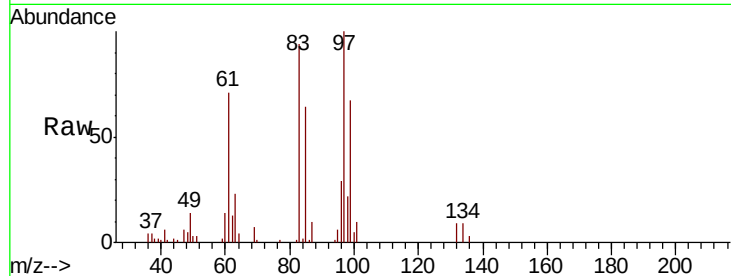
Ion Ratio Lower Upper

97 100

83 94.2 73.1 109.7

85 64.1 46.7 70.1

99 66.5 50.0 75.0

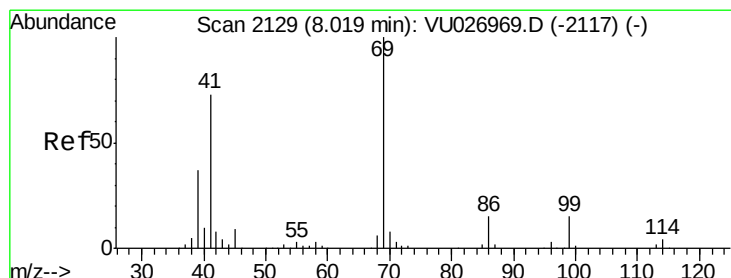
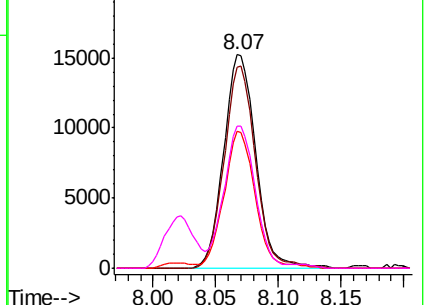
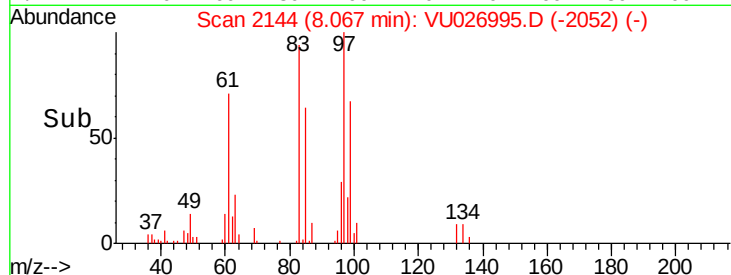


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 18.737 ug/l

RT: 8.02 min Scan# 2129

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

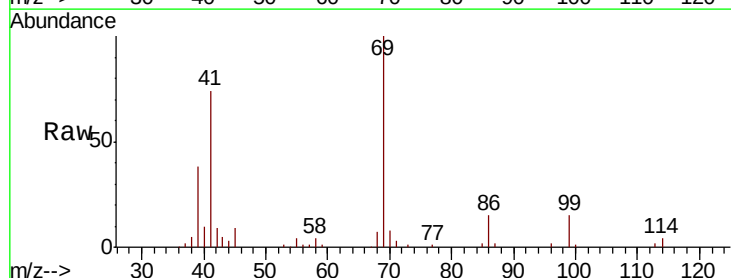
Tgt Ion: 69 Resp: 42494

Ion Ratio Lower Upper

69 100

41 74.2 59.0 88.4

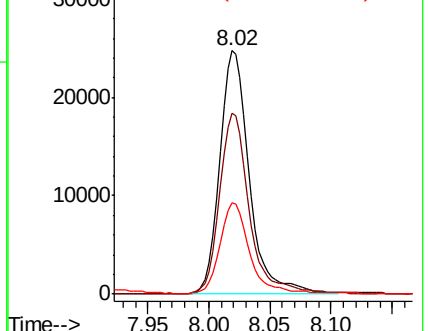
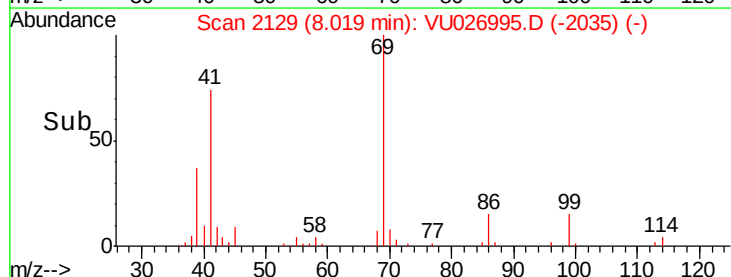
39 38.0 30.2 45.4

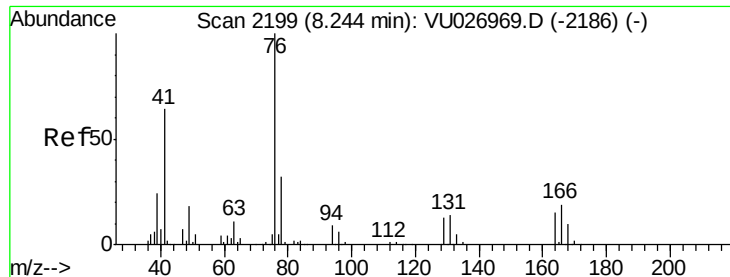


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

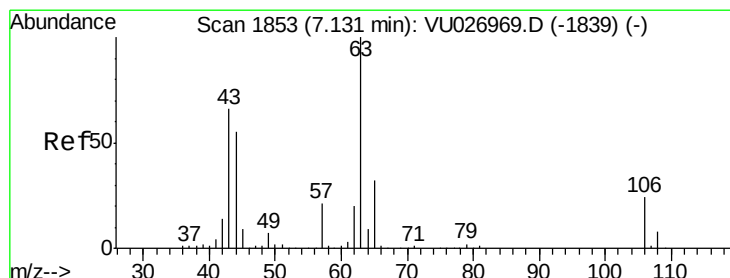
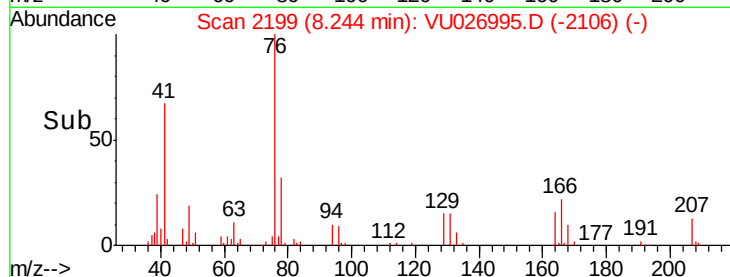
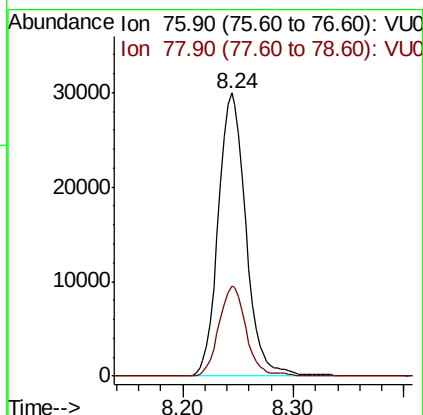
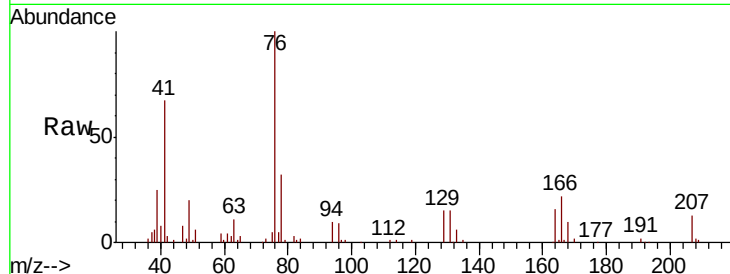




#57
 1,3-Dichloropropane
 Concen: 19.706 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

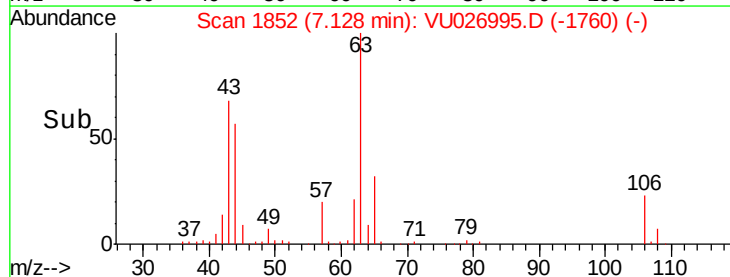
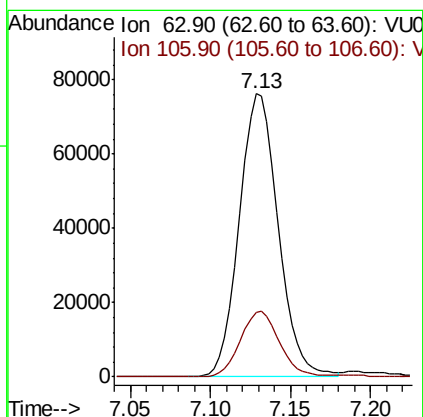
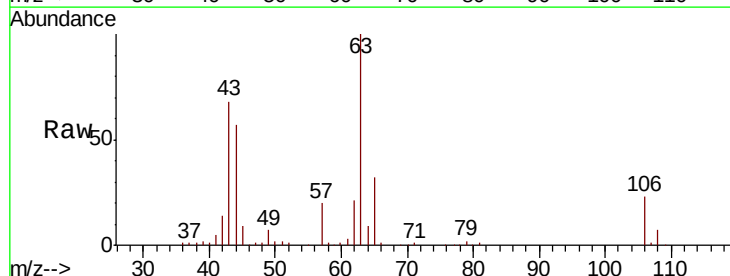
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

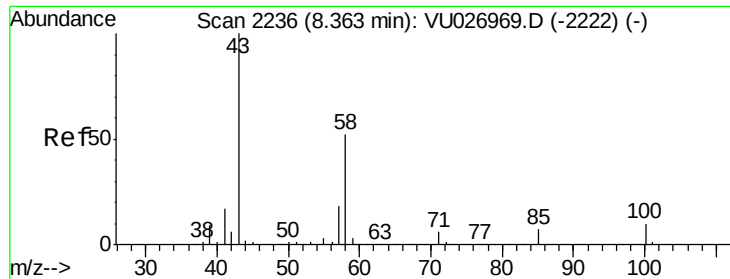
Tgt Ion: 76 Resp: 51880
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.062 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 63 Resp: 126795
 Ion Ratio Lower Upper
 63 100
 106 23.3 18.7 28.1

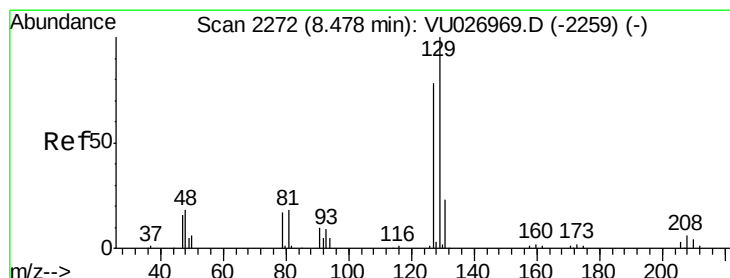
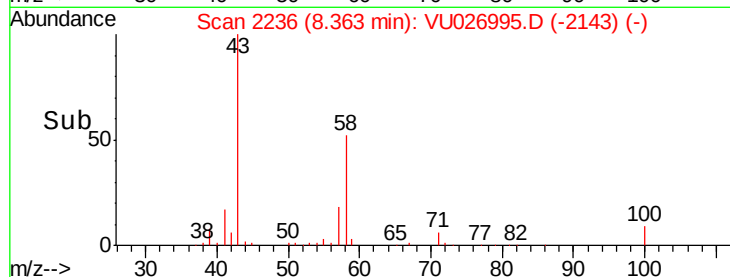
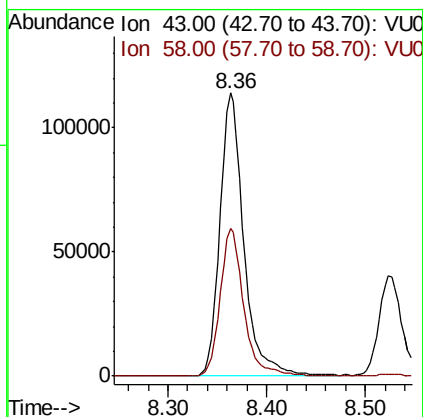
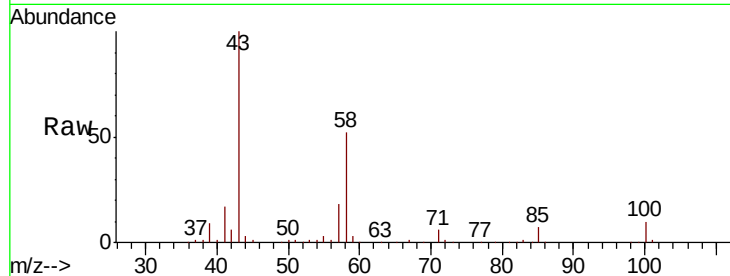




#59
2-Hexanone
Concen: 97.520 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

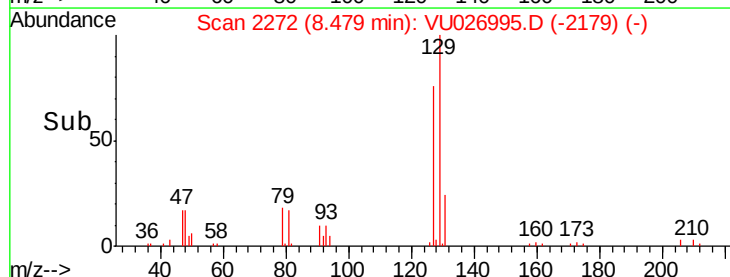
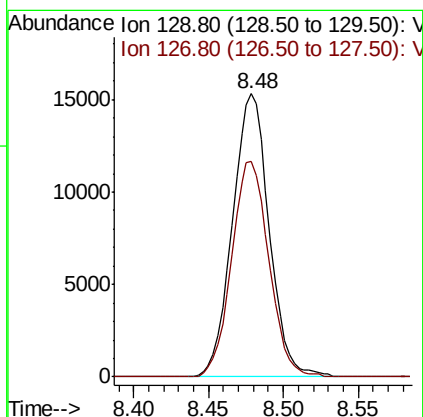
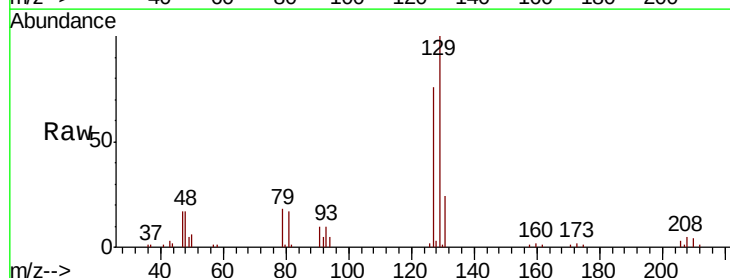
Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

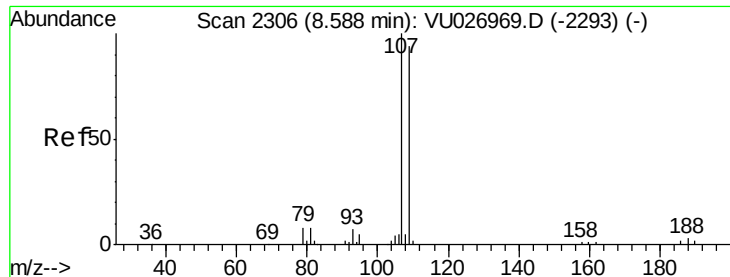
Tgt Ion: 43 Resp: 194315
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.2



#60
Dibromochloromethane
Concen: 18.840 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion: 129 Resp: 26158
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.497 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

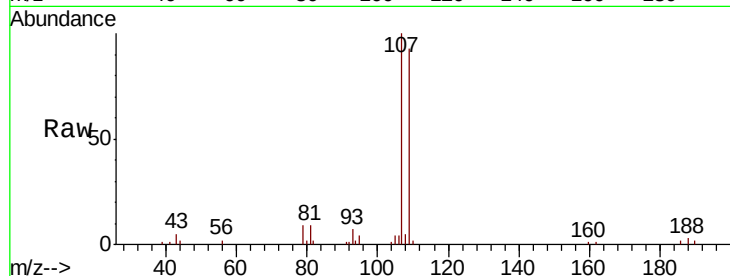
VU0922WBS02

Tgt Ion: 107 Resp: 28714

Ion Ratio Lower Upper

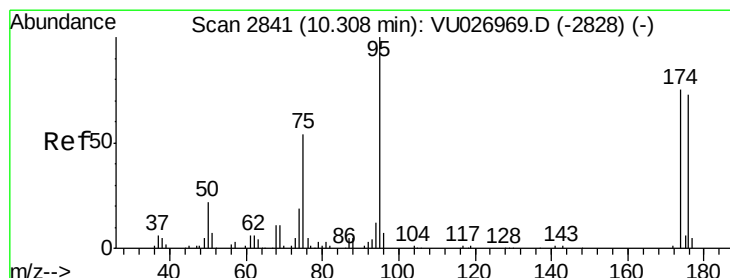
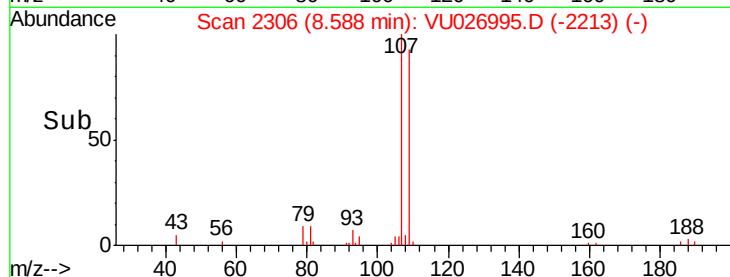
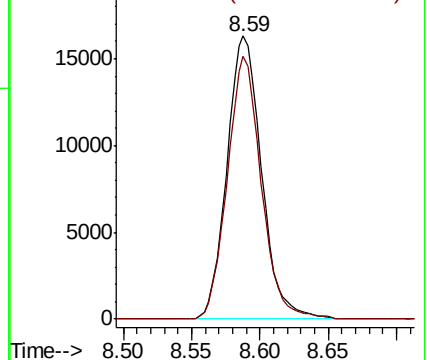
107 100

109 91.3 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.650 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

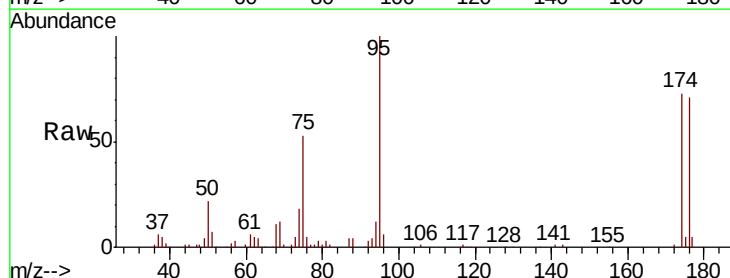
Tgt Ion: 95 Resp: 84096

Ion Ratio Lower Upper

95 100

174 72.4 0.0 150.2

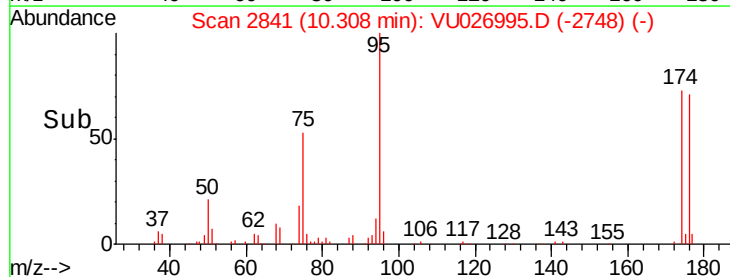
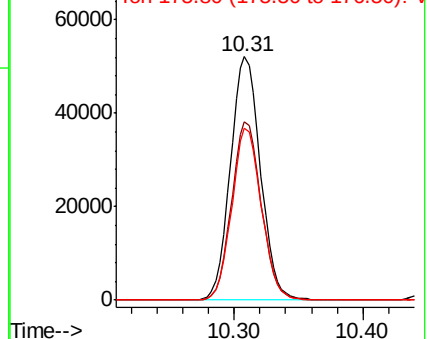
176 69.9 0.0 145.2

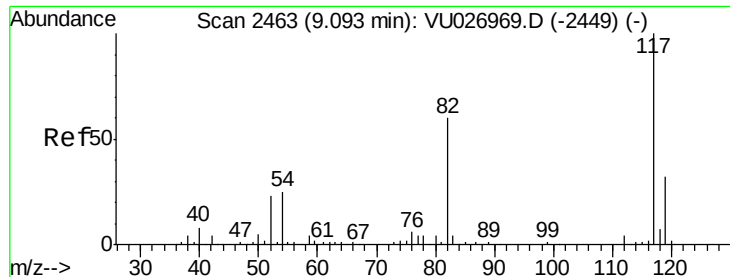


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

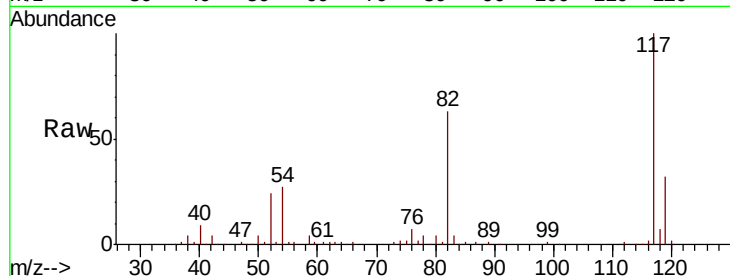




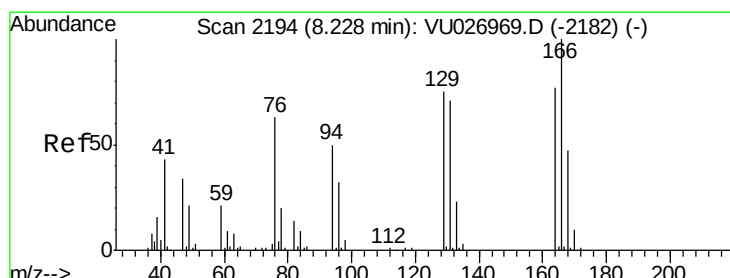
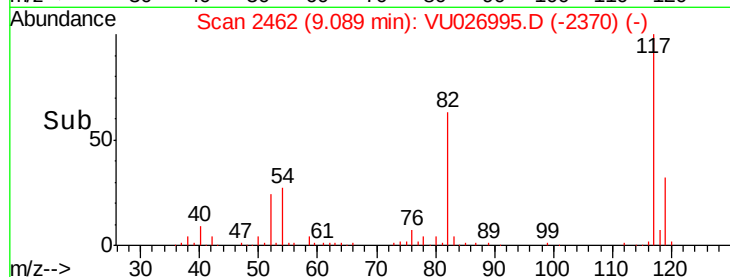
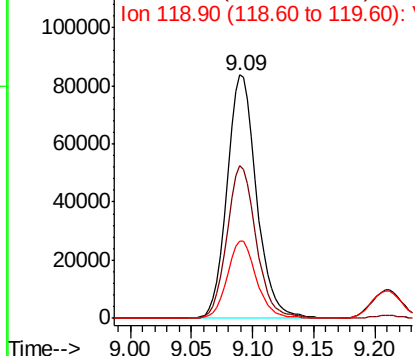
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

Tgt Ion:117 Resp: 141774
Ion Ratio Lower Upper
117 100
82 62.7 48.0 72.0
119 31.8 25.8 38.8

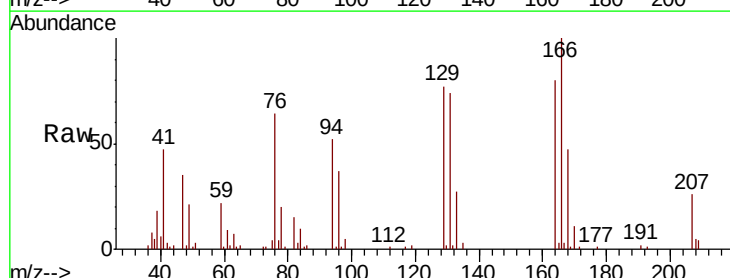


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

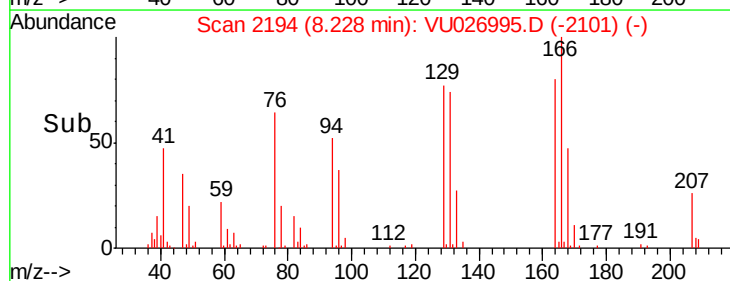
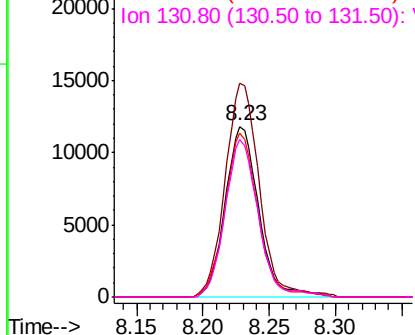


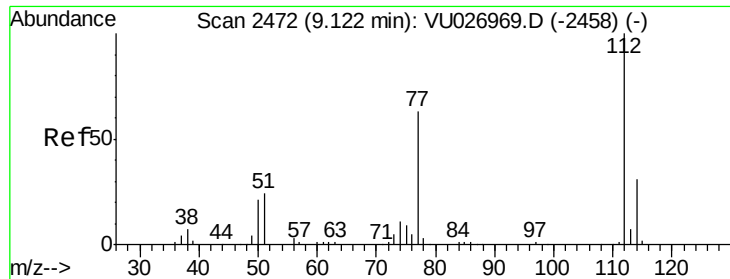
#64
Tetrachloroethene
Concen: 19.024 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion:164 Resp: 20783
Ion Ratio Lower Upper
164 100
166 125.4 104.4 156.6
129 96.6 78.7 118.1
131 92.2 73.9 110.9



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

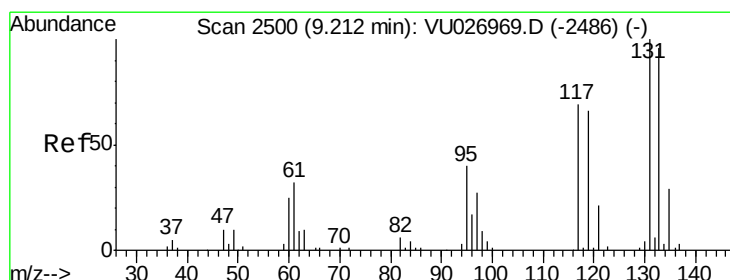
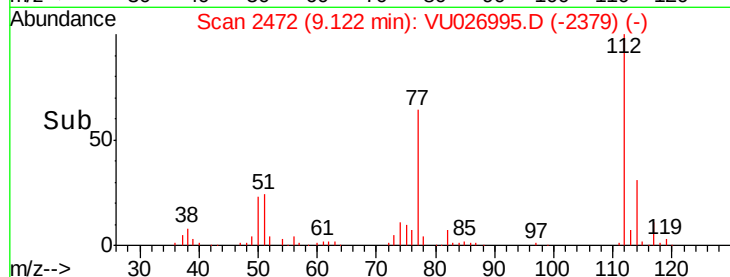
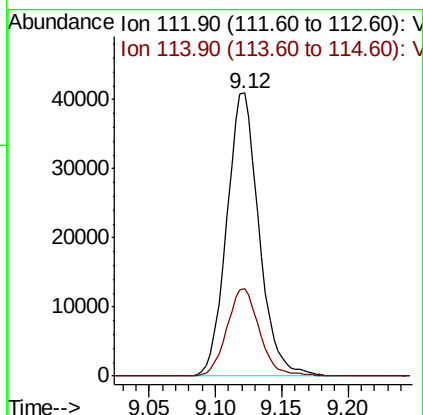
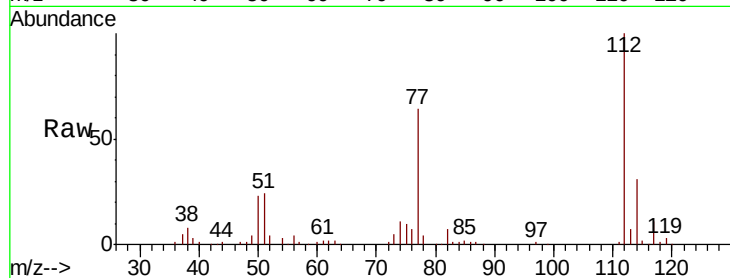




#65
Chlorobenzene
Concen: 18.453 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

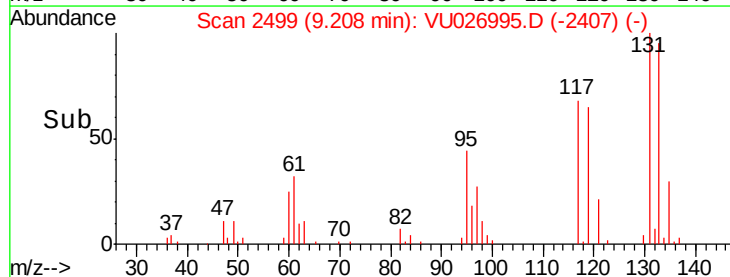
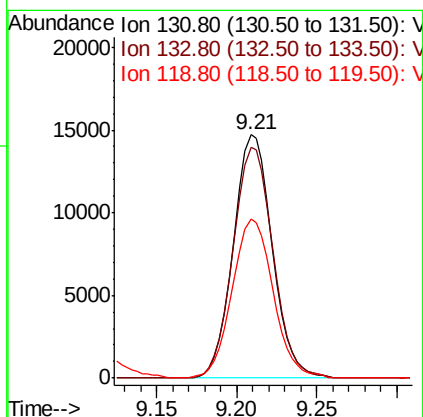
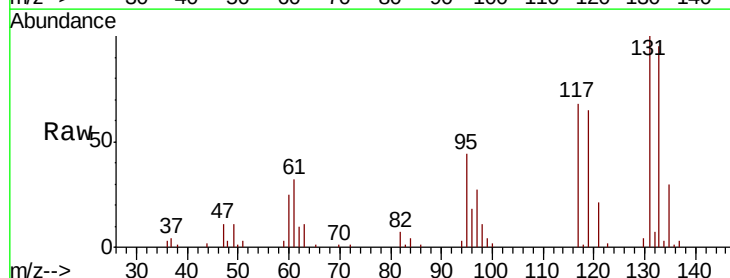
Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

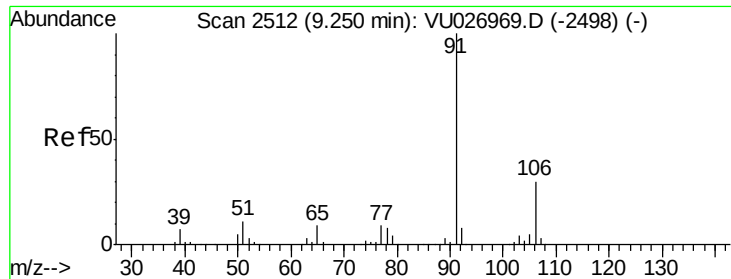
Tgt Ion:112 Resp: 69369
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.823 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion:131 Resp: 24372
Ion Ratio Lower Upper
131 100
133 97.5 48.0 144.2
119 68.7 33.4 100.1

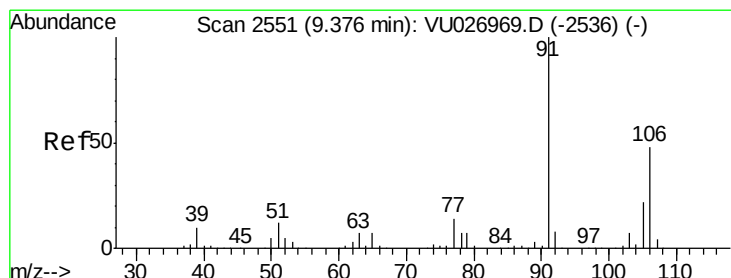
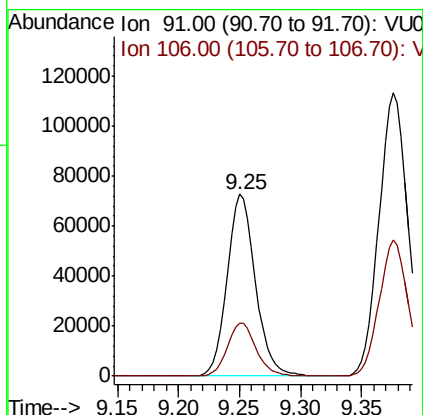
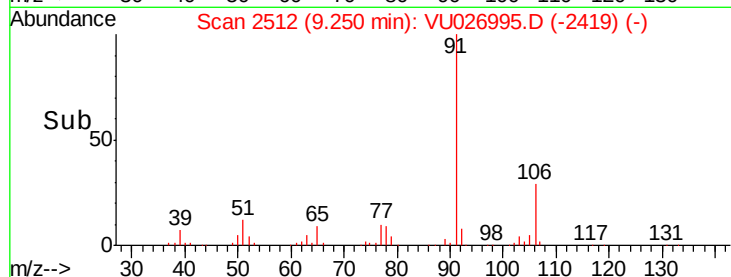
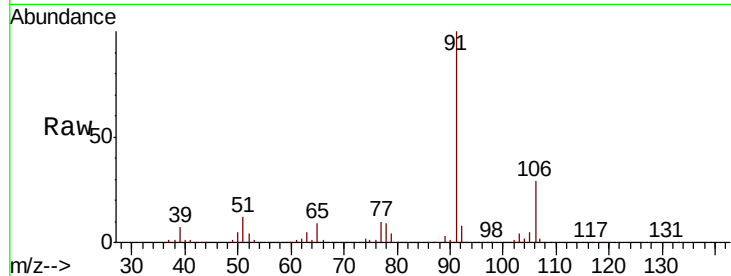




#67
Ethyl Benzene
 Concen: 19.171 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

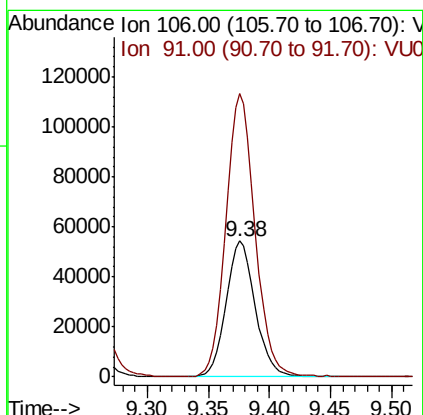
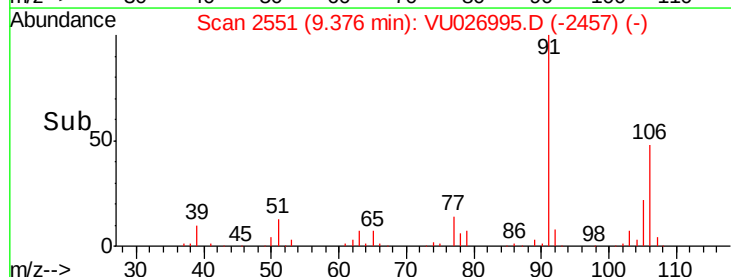
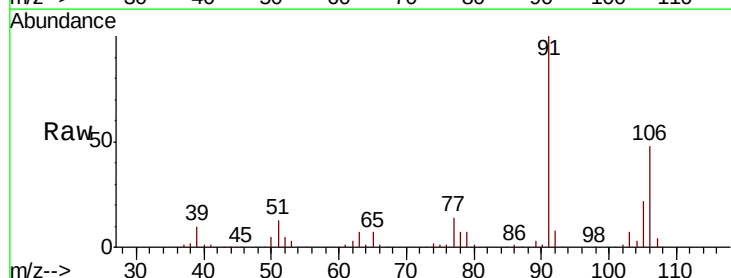
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

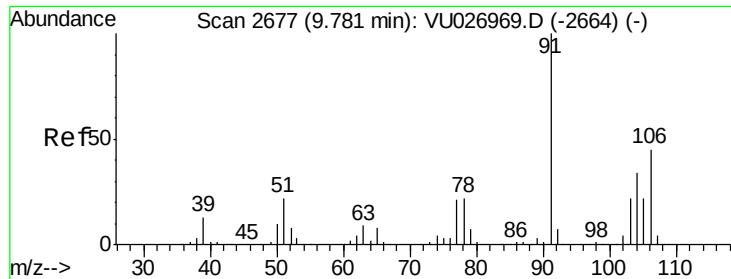
Tgt Ion: 91 Resp: 118504
 Ion Ratio Lower Upper
 91 100
 106 29.3 23.8 35.8



#68
m/p-Xylenes
 Concen: 37.207 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 106 Resp: 90749
 Ion Ratio Lower Upper
 106 100
 91 208.9 166.5 249.7

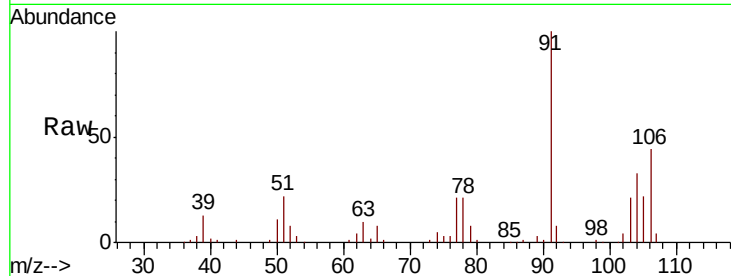




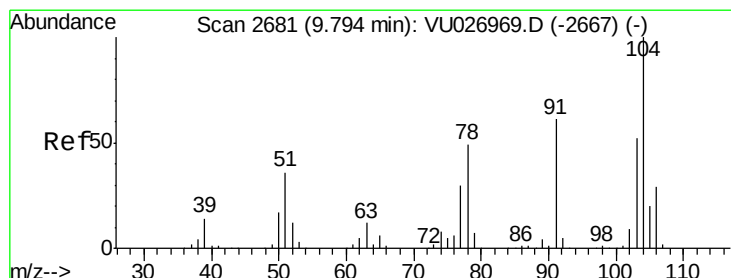
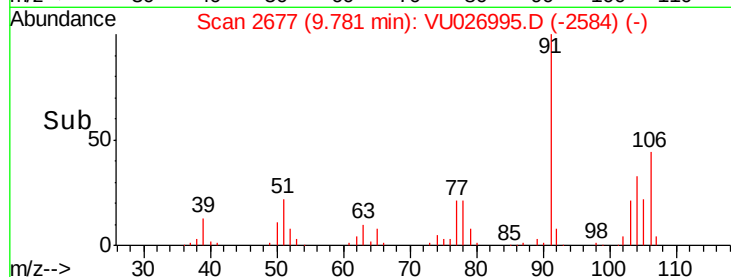
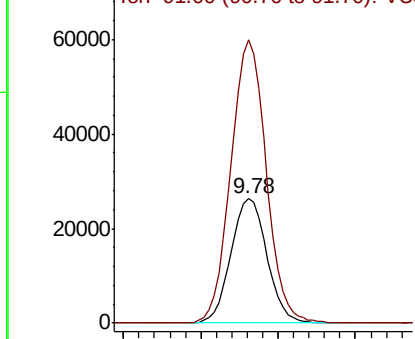
#69
o-Xylene
Concen: 19.433 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

Tgt Ion:106 Resp: 42561
Ion Ratio Lower Upper
106 100
91 223.2 110.2 330.6

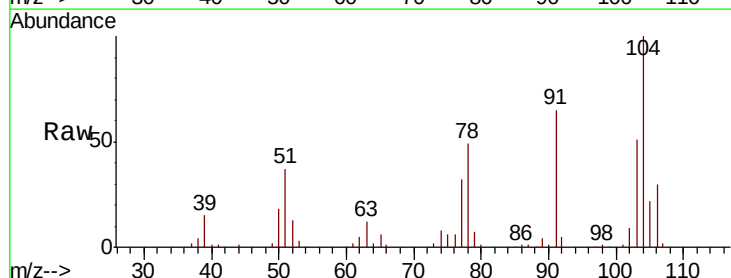


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

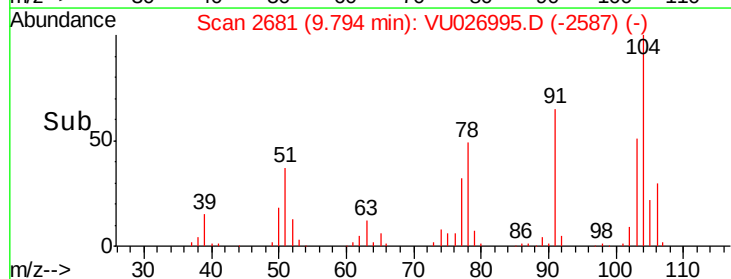
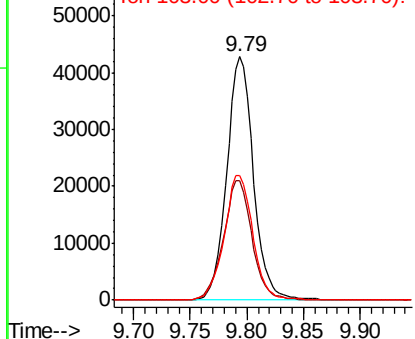


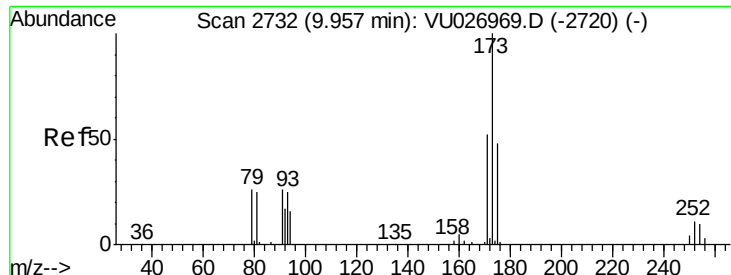
#70
Styrene
Concen: 18.337 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion:104 Resp: 70124
Ion Ratio Lower Upper
104 100
78 52.8 43.0 64.4
103 55.0 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: 18.825 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampled :

VU0922WBS02

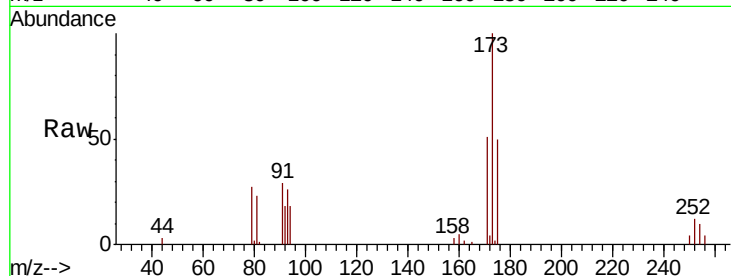
Tgt Ion:173 Resp: 18849

Ion Ratio Lower Upper

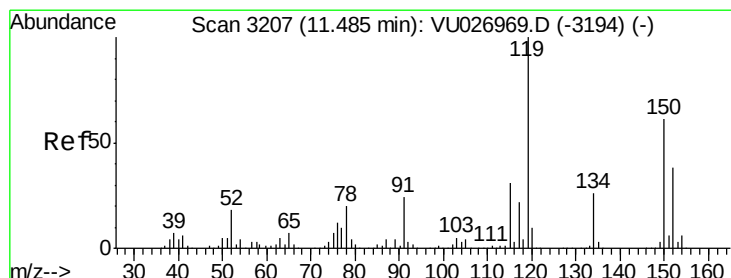
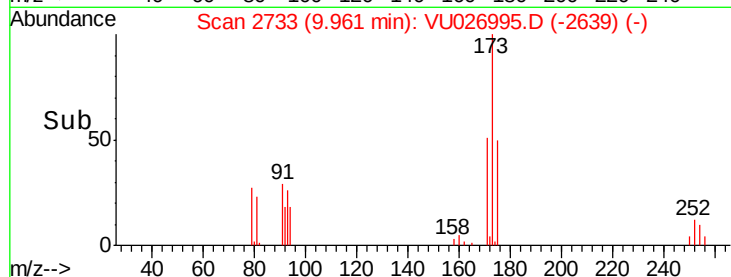
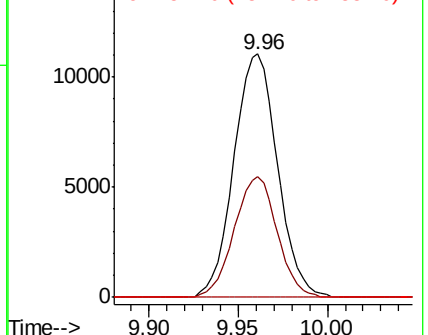
173 100

175 48.7 23.9 71.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
15000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

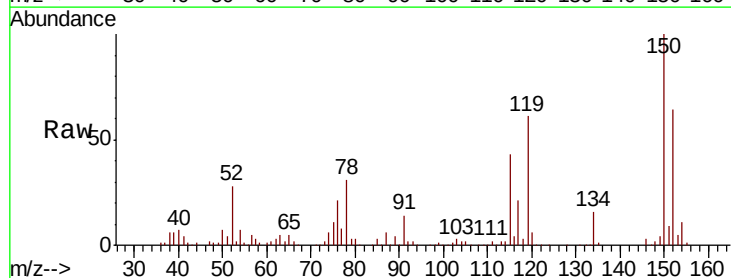
Tgt Ion:152 Resp: 73661

Ion Ratio Lower Upper

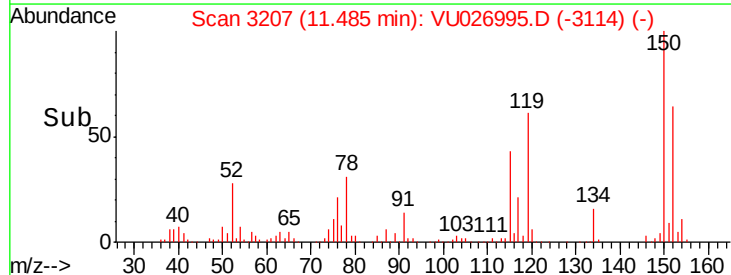
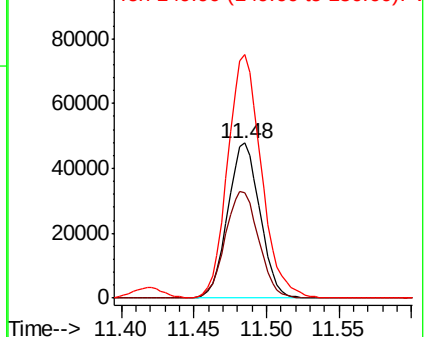
152 100

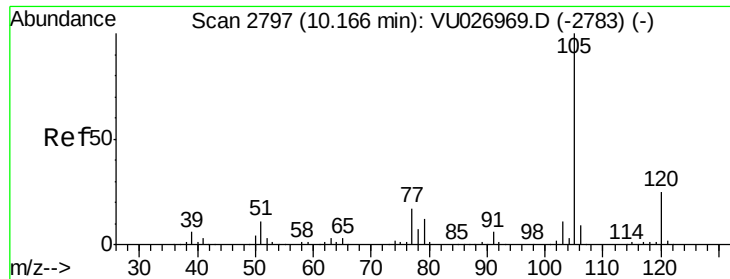
115 71.7 44.9 134.5

150 164.4 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
100000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.749 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

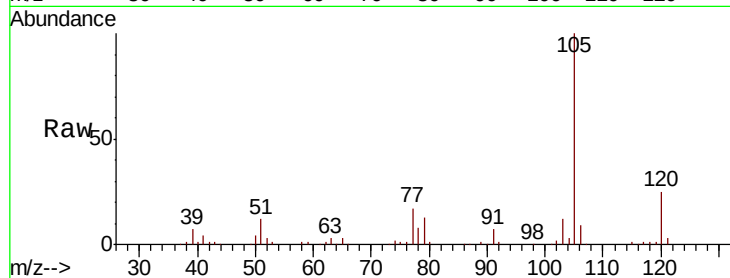
VU0922WBS02

Tgt Ion: 105 Resp: 116261

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

80000

60000

40000

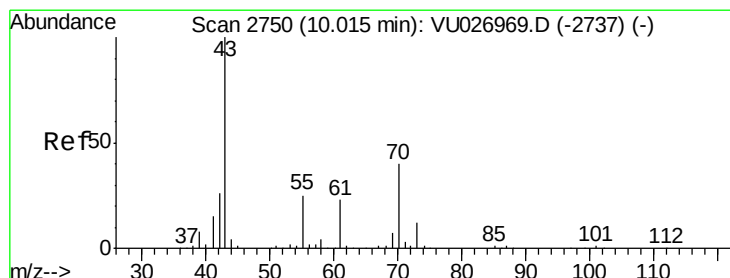
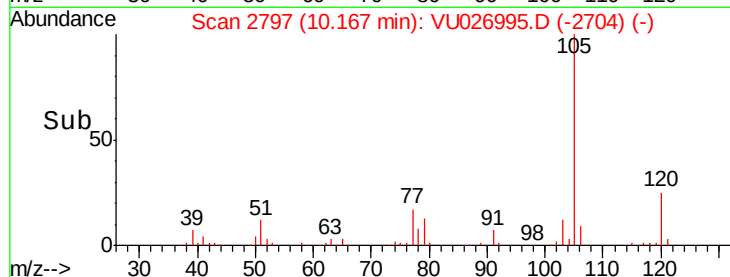
20000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 19.787 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Tgt Ion: 43 Resp: 64178

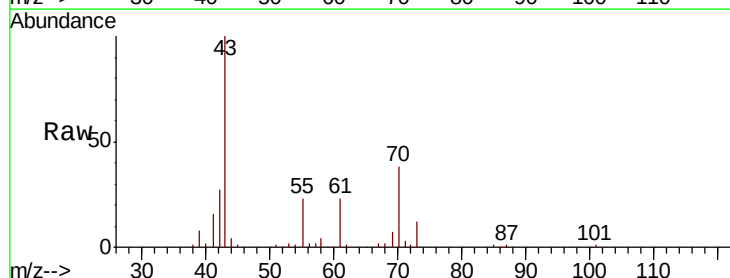
Ion Ratio Lower Upper

43 100

70 38.8 31.8 47.8

55 24.6 19.9 29.9

61 22.3 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

10.02

60000

50000

40000

30000

20000

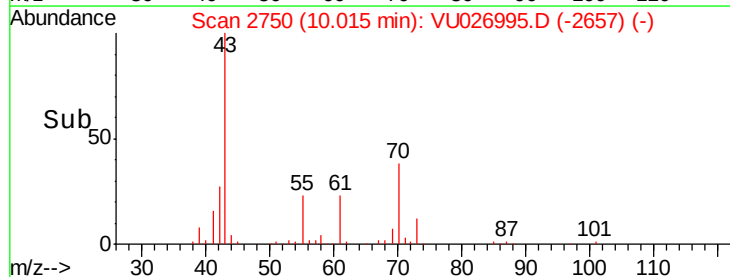
10000

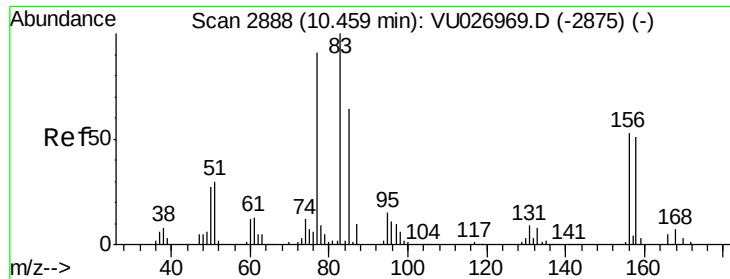
0

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.379 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS02

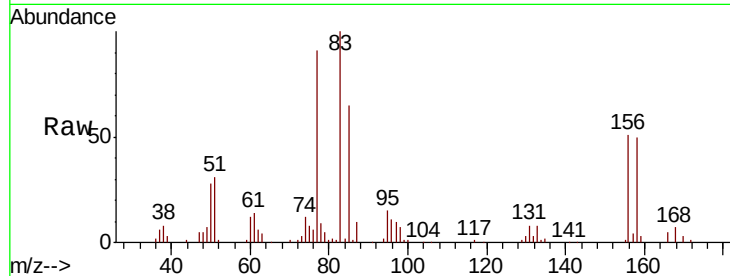
Tgt Ion: 83 Resp: 47348

Ion Ratio Lower Upper

83 100

131 8.6 4.3 12.8

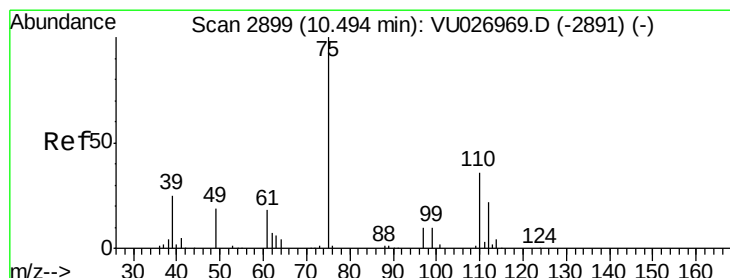
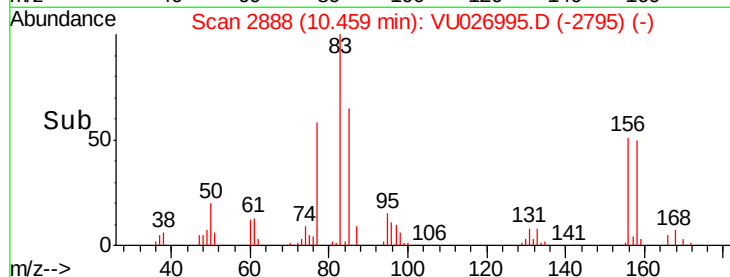
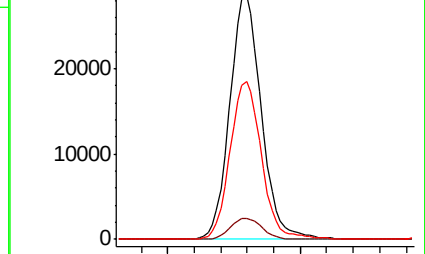
85 64.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU026995.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026995.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026995.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 24.413 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026995.D

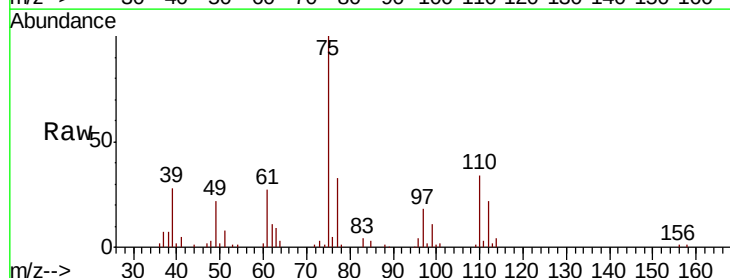
Acq: 22 Sep 2018 04:35

Tgt Ion: 75 Resp: 54632

Ion Ratio Lower Upper

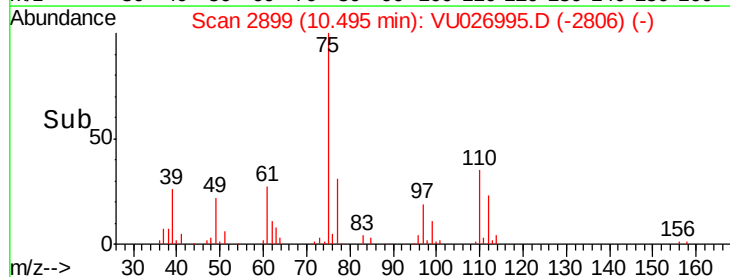
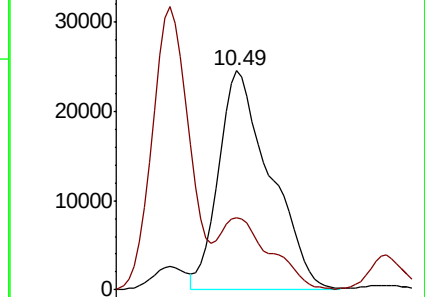
75 100

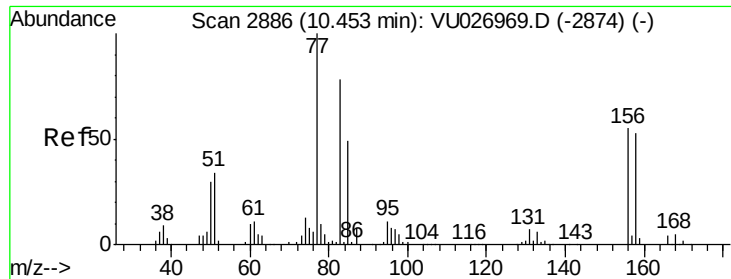
77 30.7 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026995.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026995.D (-2891) (-)





#77

Bromobenzene

Concen: 19.561 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU026995.D

Acq: 22 Sep 2018 04:35

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS02

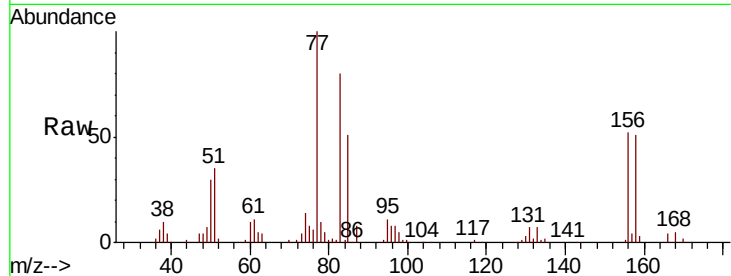
Tgt Ion:156 Resp: 26784

Ion Ratio Lower Upper

156 100

77 191.6 92.3 276.9

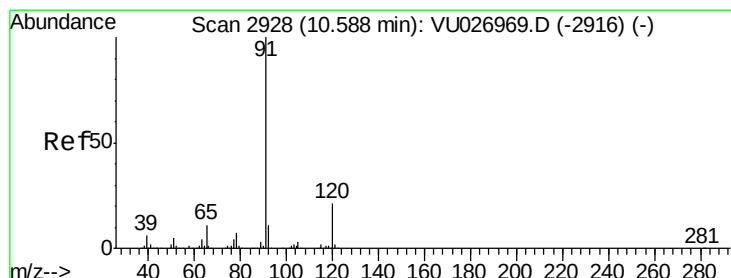
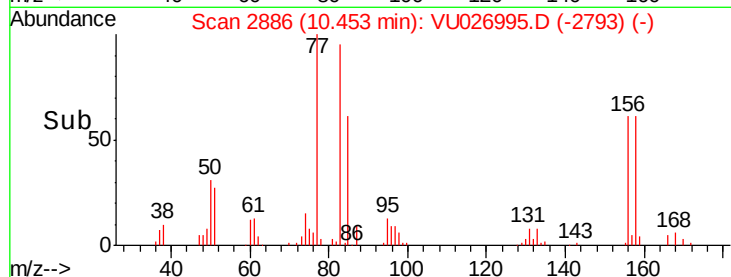
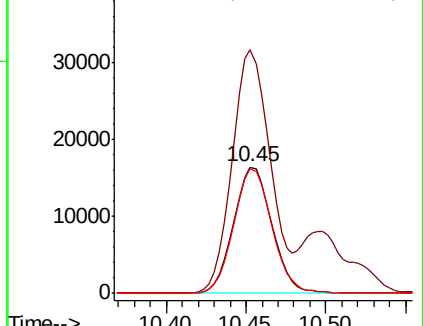
158 98.2 48.1 144.3



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: 20.788 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026995.D

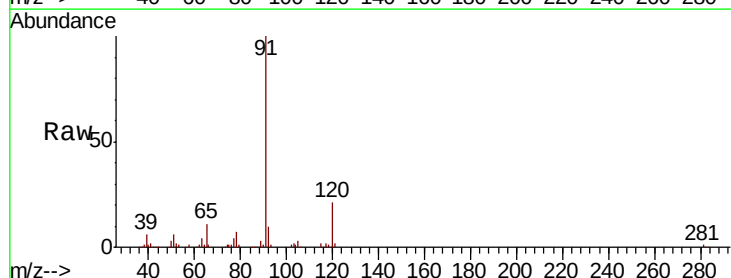
Acq: 22 Sep 2018 04:35

Tgt Ion: 91 Resp: 137825

Ion Ratio Lower Upper

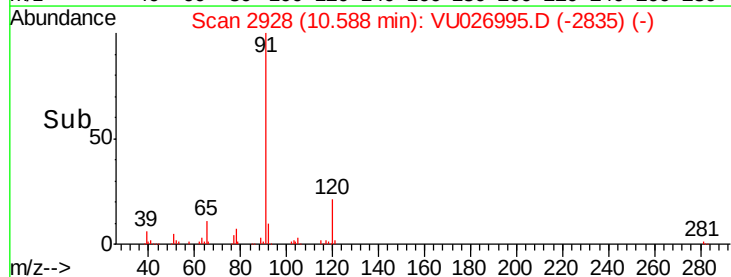
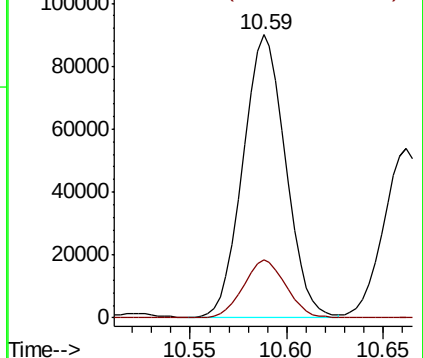
91 100

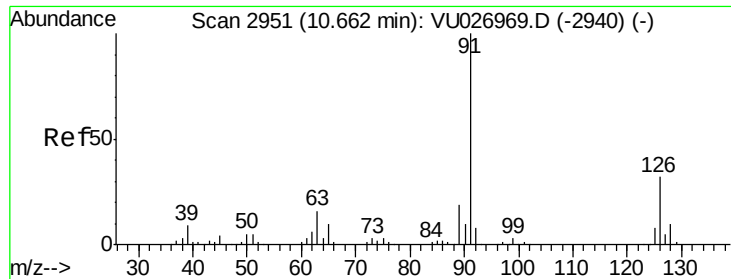
120 20.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

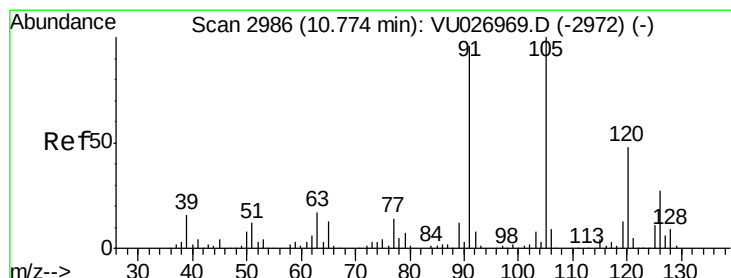
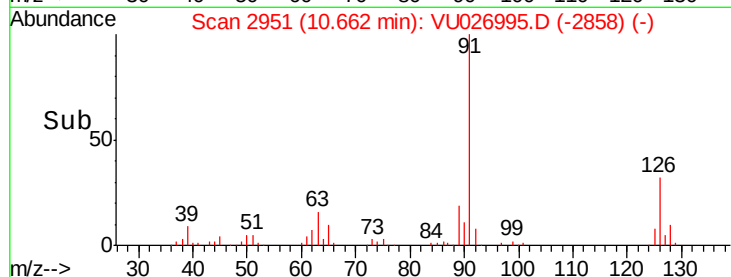
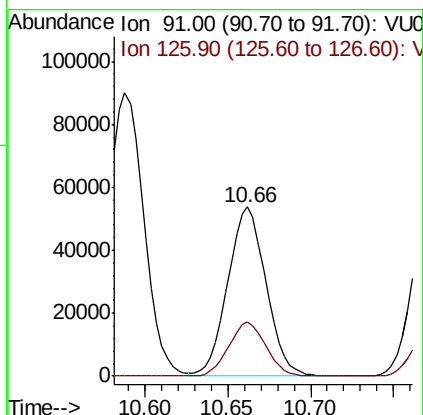
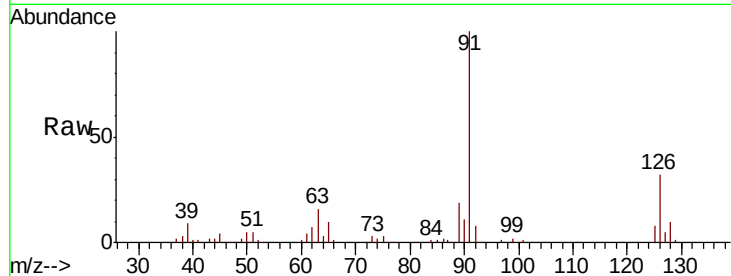




#79
 2-Chlorotoluene
 Concen: 20.469 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

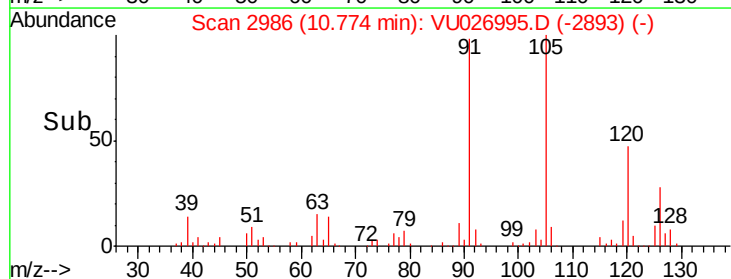
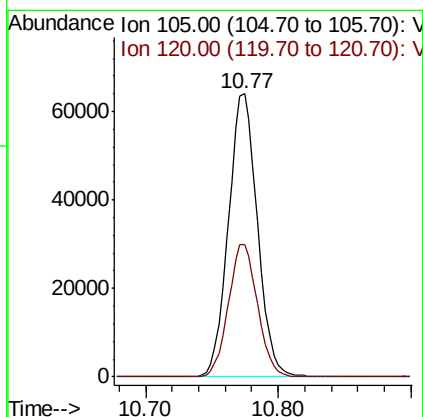
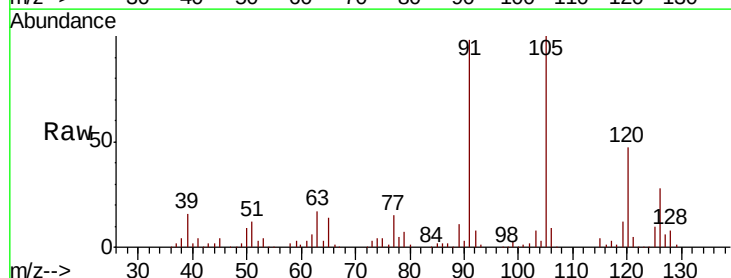
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

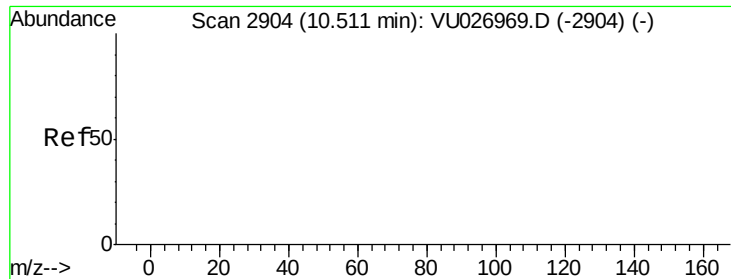
Tgt Ion: 91 Resp: 85241
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.998 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 105 Resp: 97125
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.9 71.7

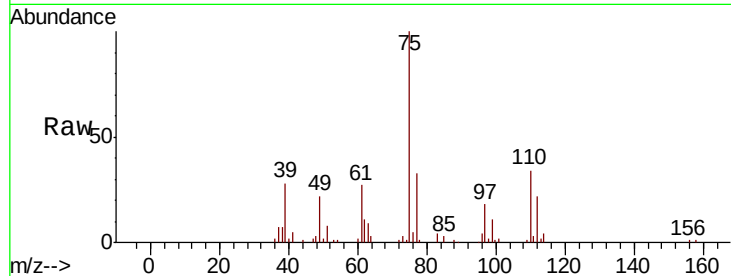




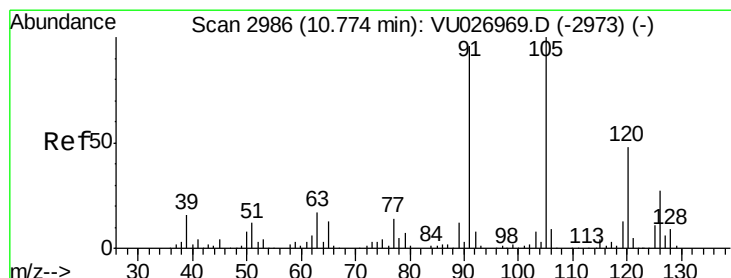
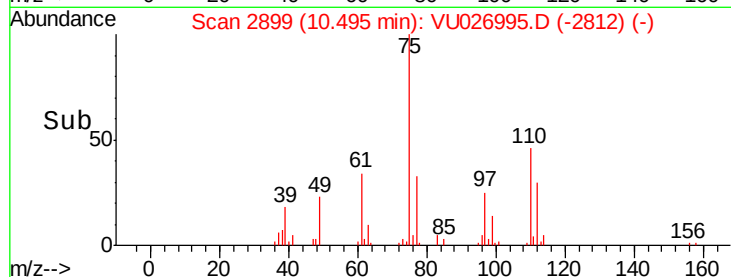
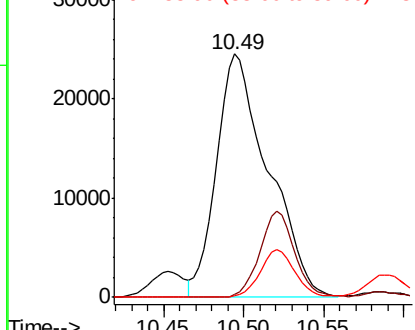
#81
trans-1,4-Dichloro-2-butene
Concen: 78.127 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

Tgt Ion: 75 Resp: 54632
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

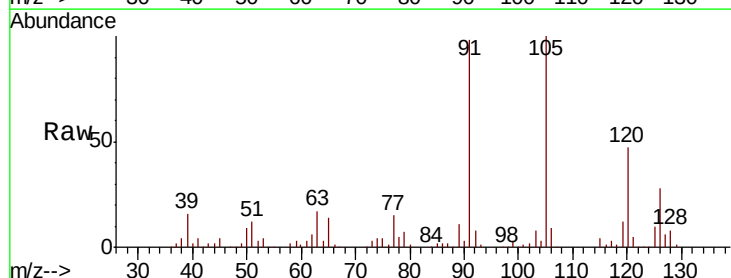


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

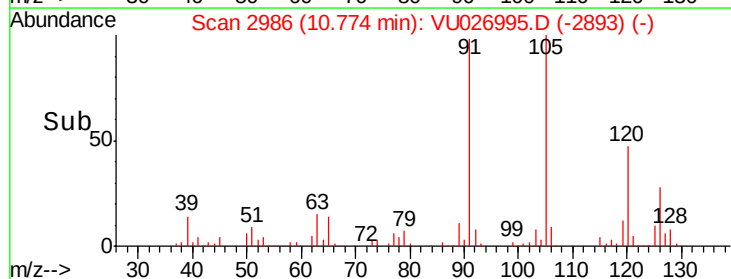
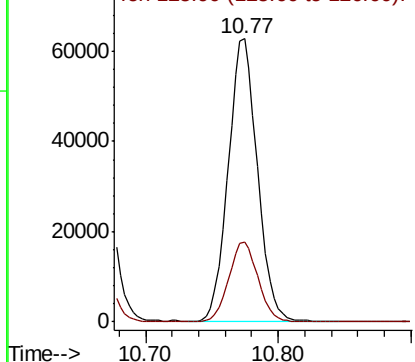


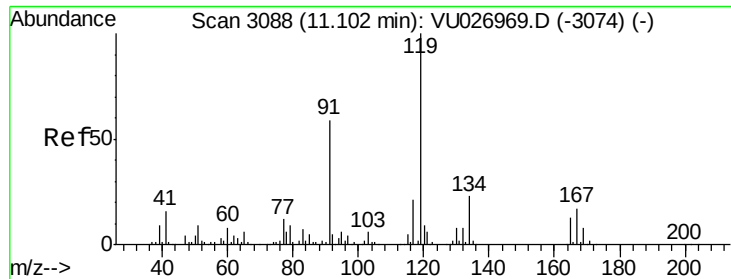
#82
4-Chlorotoluene
Concen: 20.580 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion: 91 Resp: 96100
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.2



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

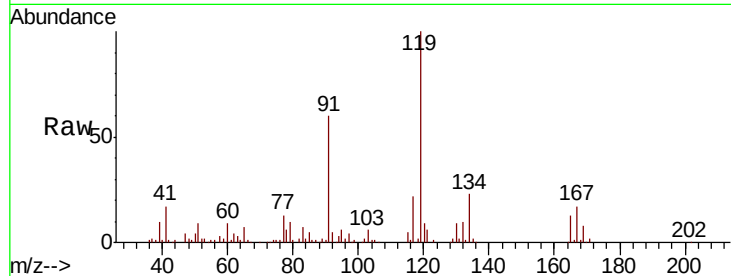




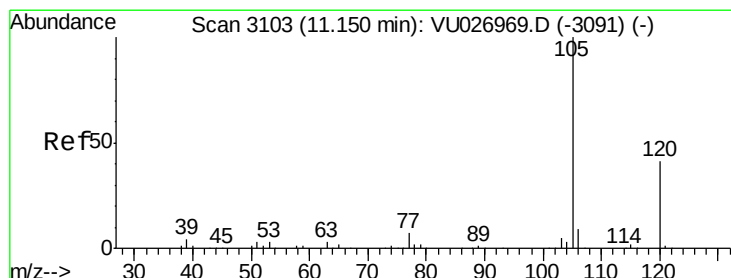
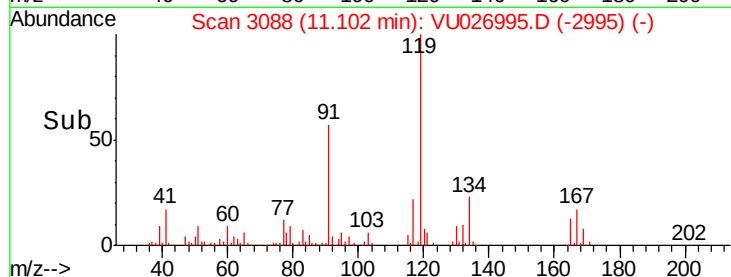
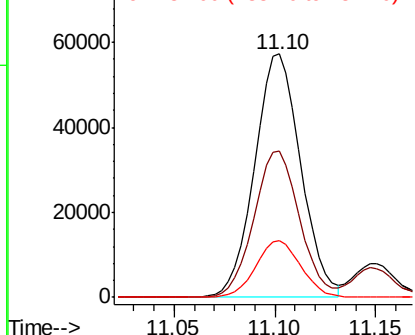
#83
 tert-Butylbenzene
 Concen: 19.955 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

Tgt Ion:119 Resp: 91254
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.8 89.4
 134 22.7 11.5 34.4

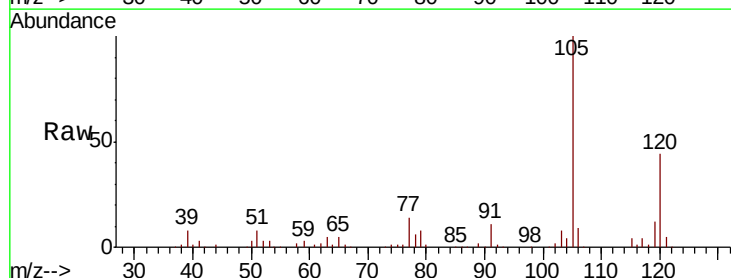


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

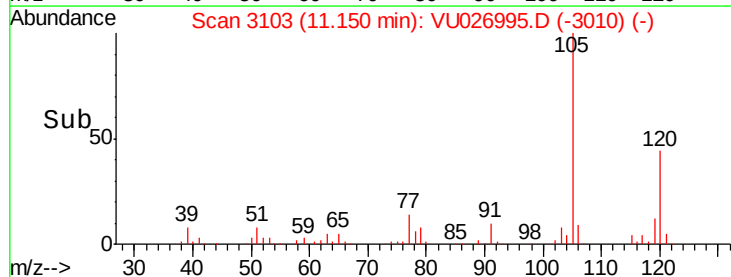
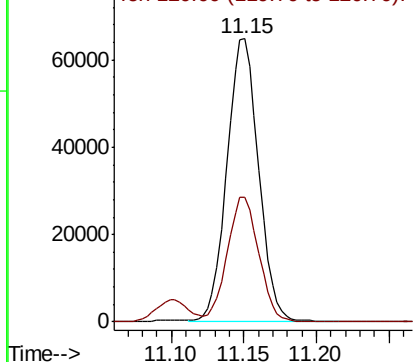


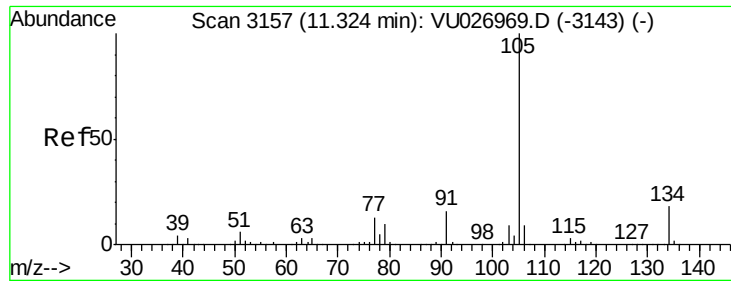
#84
 1,2,4-Trimethylbenzene
 Concen: 20.853 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion:105 Resp: 98160
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.2



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

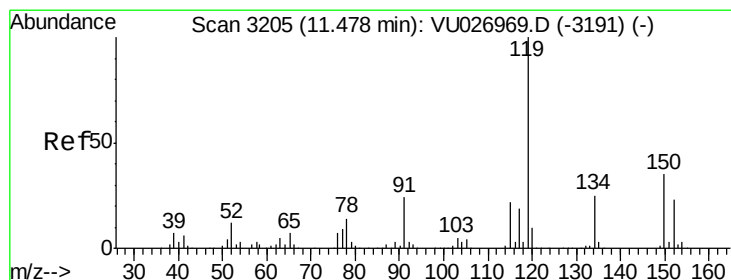
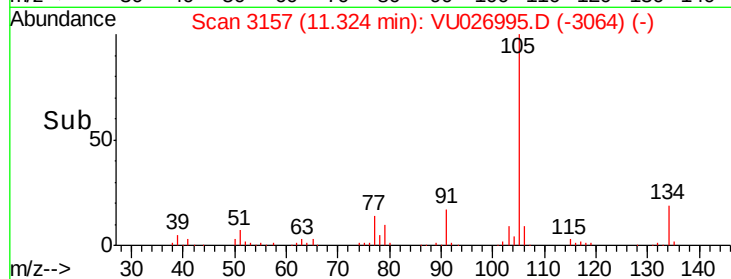
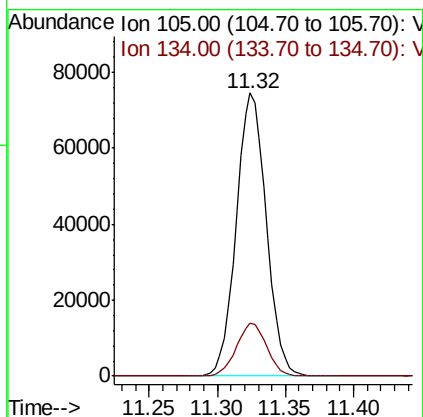
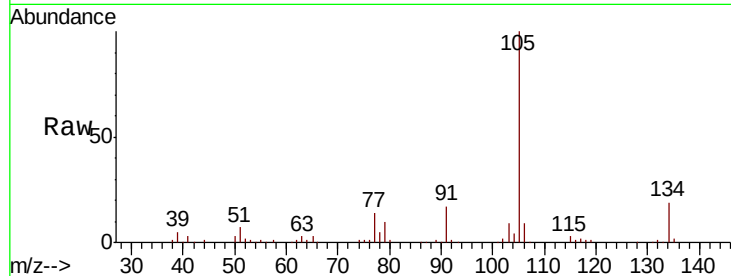




#85
 sec-Butylbenzene
 Concen: 20.378 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

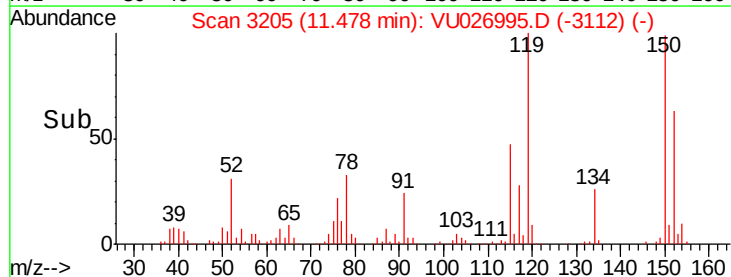
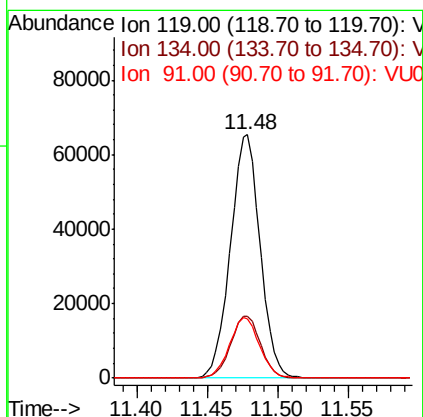
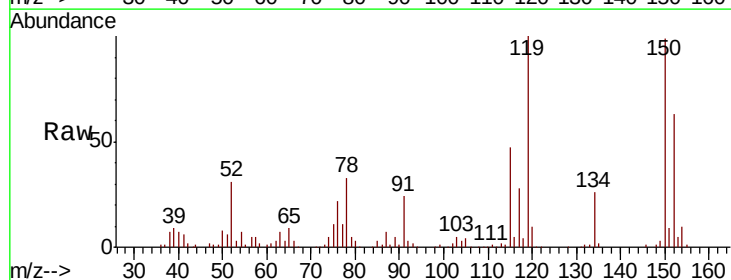
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

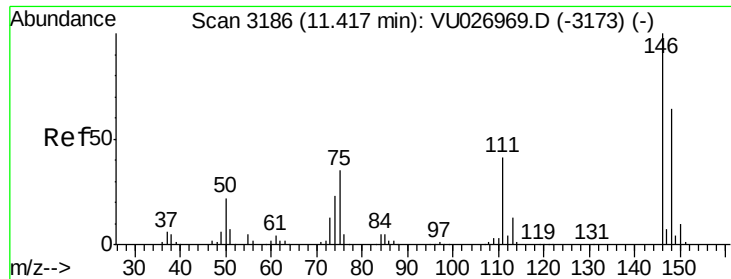
Tgt Ion:105 Resp: 113754
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 18.956 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion:119 Resp: 96216
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.0 12.3 36.8

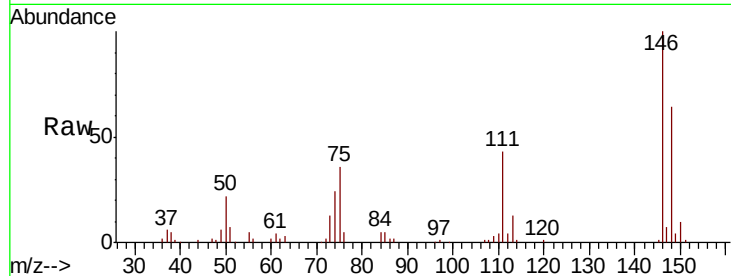




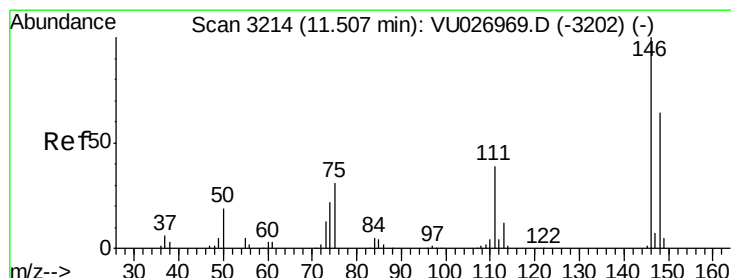
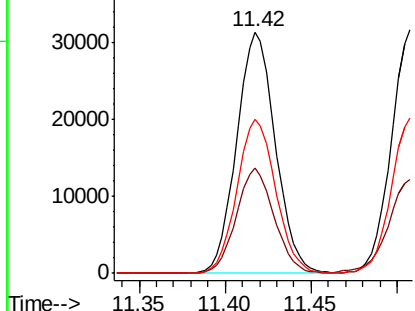
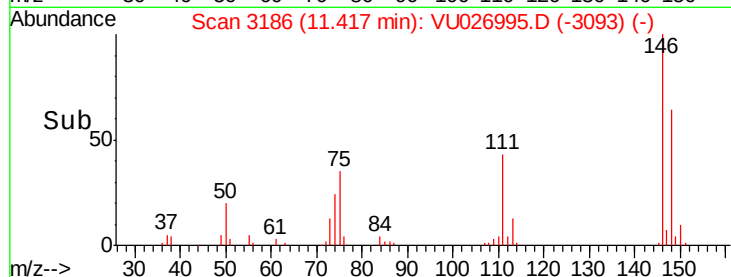
#87
 1,3-Dichlorobenzene
 Concen: 19.237 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

Tgt Ion:146 Resp: 49016
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.2
 148 63.9 32.0 96.2

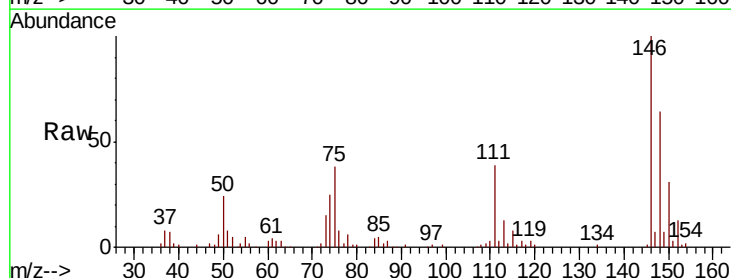


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

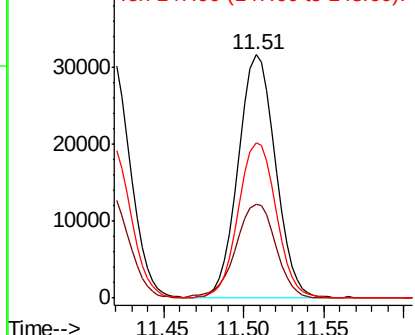
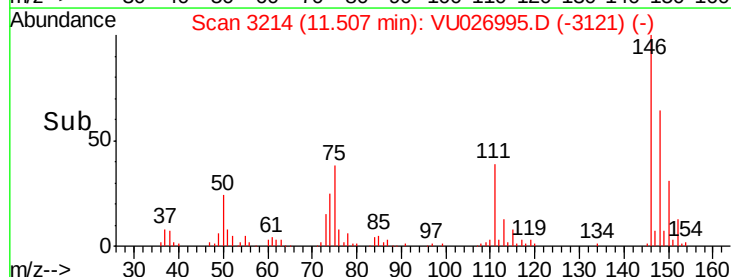


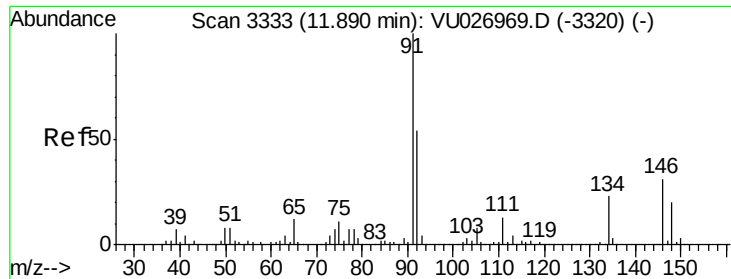
#88
 1,4-Dichlorobenzene
 Concen: 17.944 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion:146 Resp: 49833
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.3 60.9
 148 66.0 31.9 95.9



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

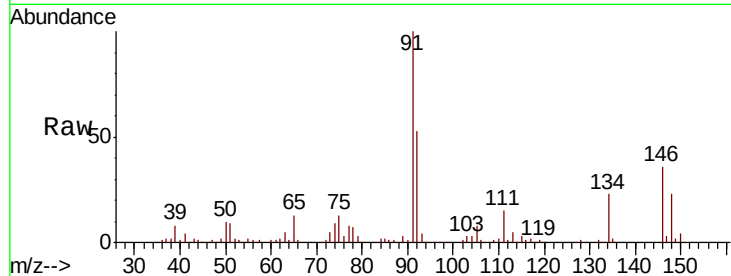




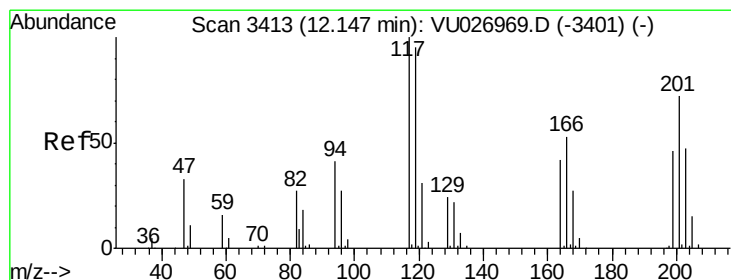
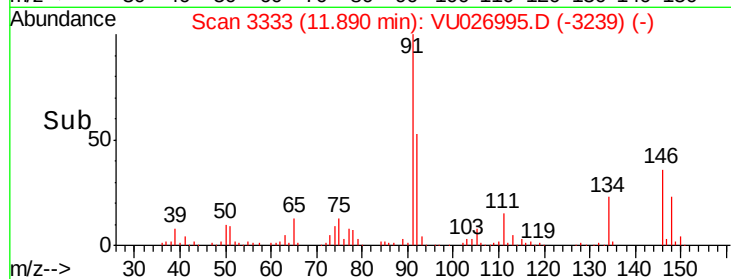
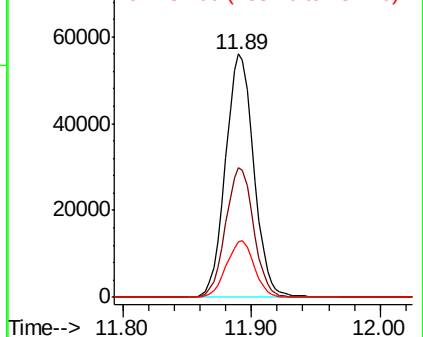
#89
n-Butylbenzene
Concen: 18.357 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

Tgt Ion: 91 Resp: 85135
Ion Ratio Lower Upper
91 100
92 52.7 27.1 81.2
134 22.9 11.7 35.0

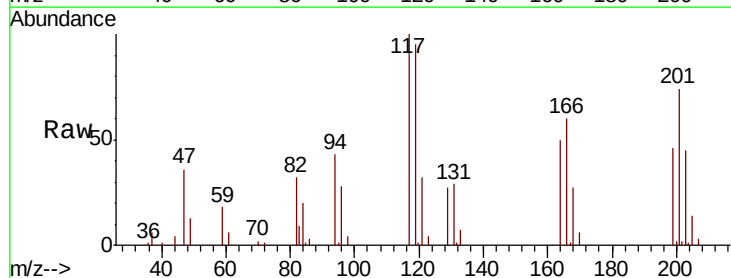


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

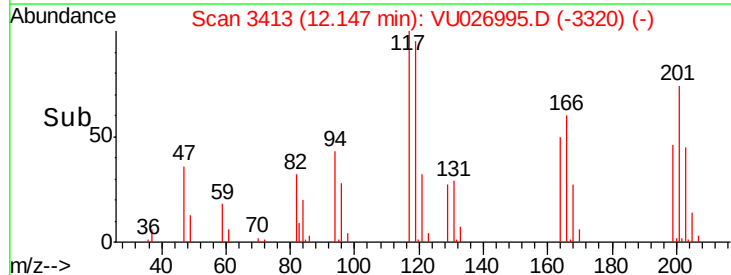
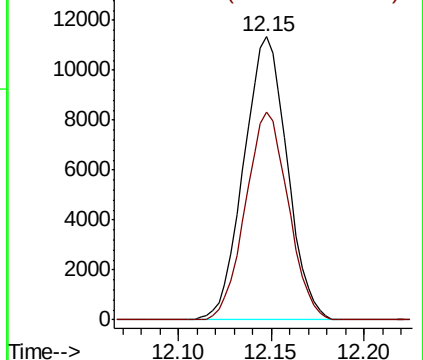


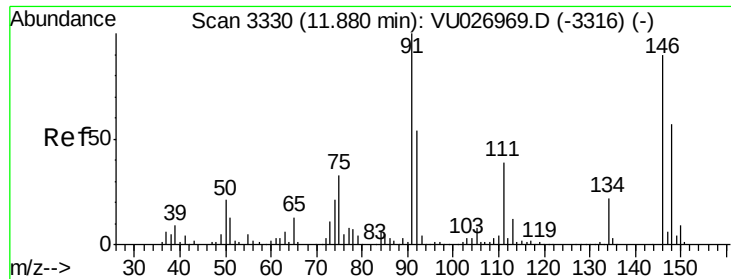
#90
Hexachloroethane
Concen: 18.126 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion: 117 Resp: 18400
Ion Ratio Lower Upper
117 100
201 72.3 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

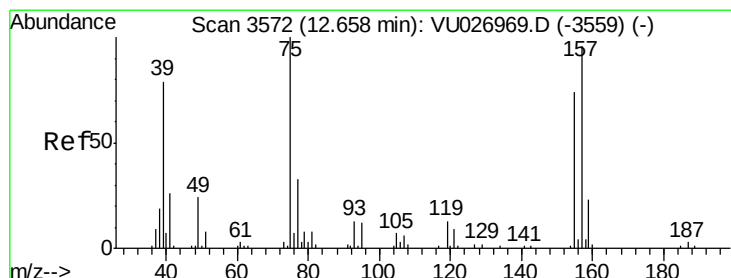
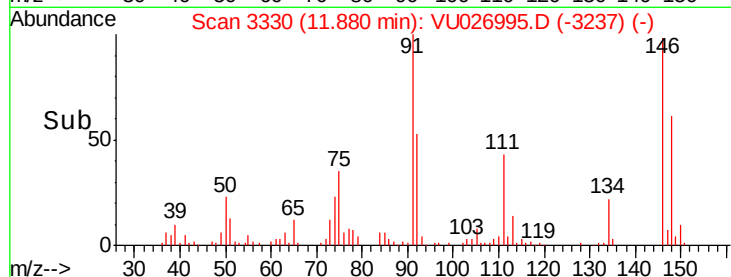
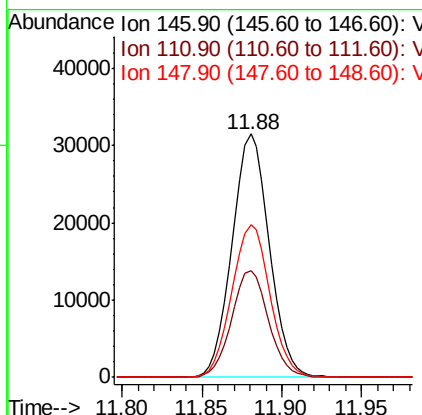
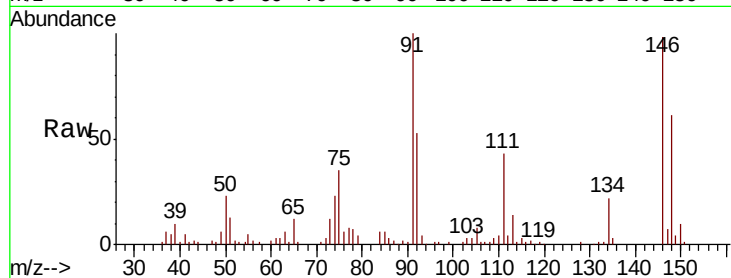




#91
 1,2-Dichlorobenzene
 Concen: 18.391 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

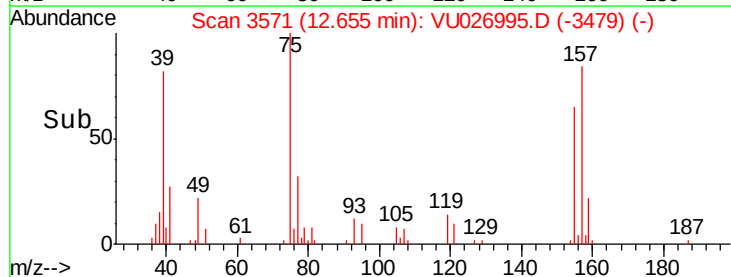
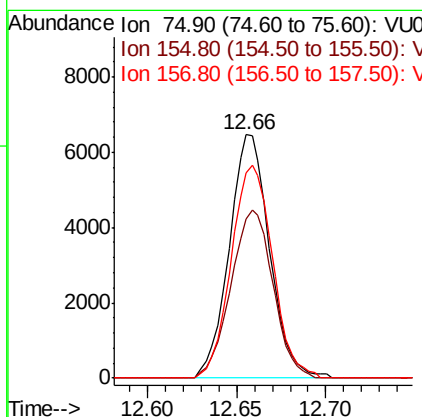
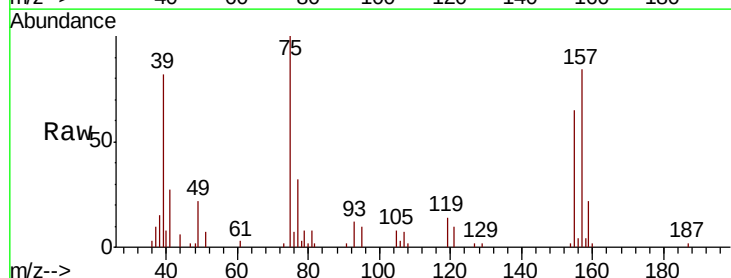
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

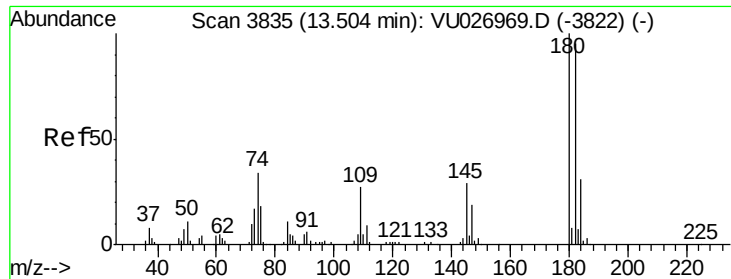
Tgt Ion: 146 Resp: 49778
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.8 65.3
 148 64.2 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.314 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion: 75 Resp: 10151
 Ion Ratio Lower Upper
 75 100
 155 72.1 36.6 109.8
 157 89.9 47.4 142.2

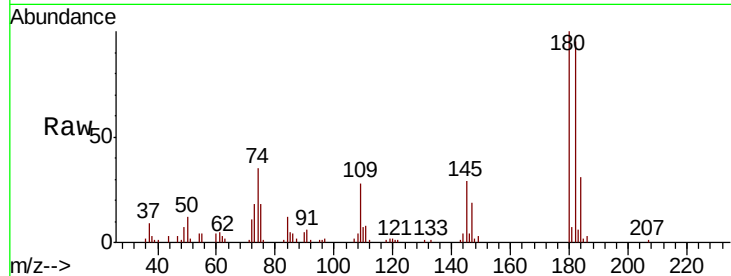




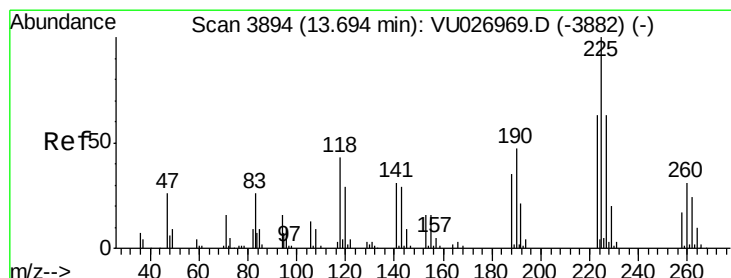
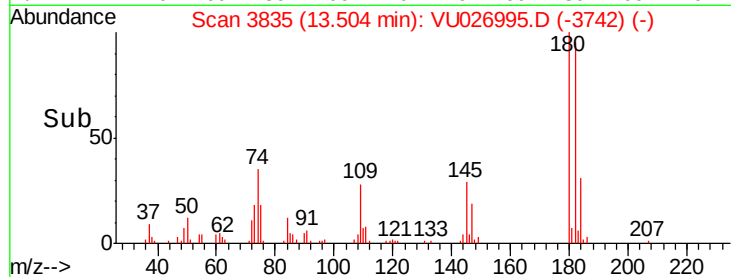
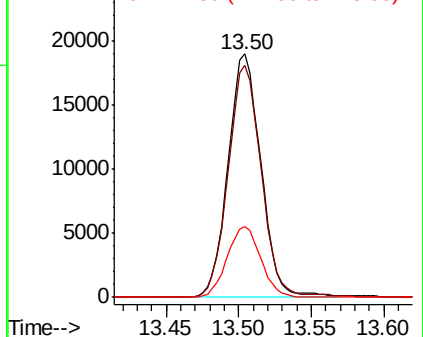
#93
 1,2,4-Trichlorobenzene
 Concen: 19.149 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS02

Tgt Ion:180 Resp: 29868
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.4 142.2
 145 29.6 14.9 44.5

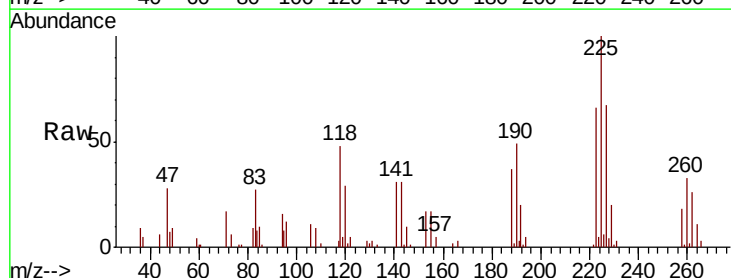


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

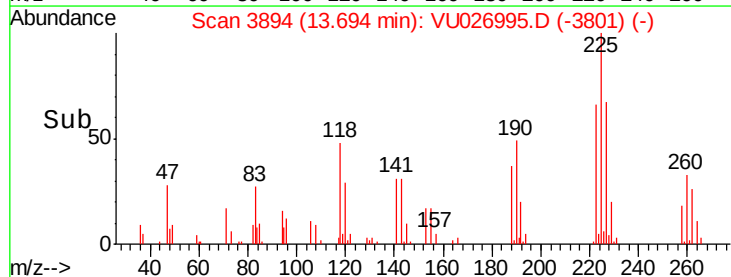
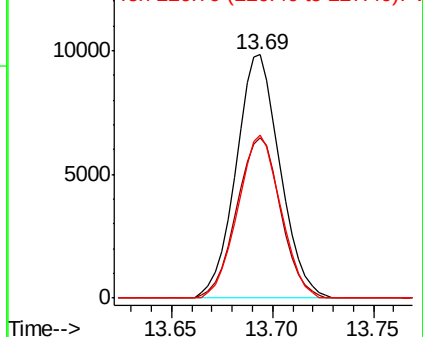


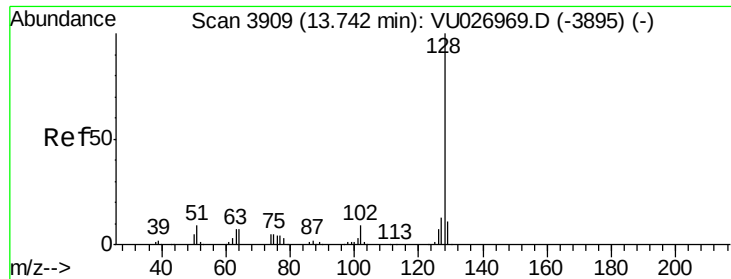
#94
 Hexachlorobutadiene
 Concen: 18.253 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026995.D
 Acq: 22 Sep 2018 04:35

Tgt Ion:225 Resp: 15064
 Ion Ratio Lower Upper
 225 100
 223 66.1 31.9 95.7
 227 64.9 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

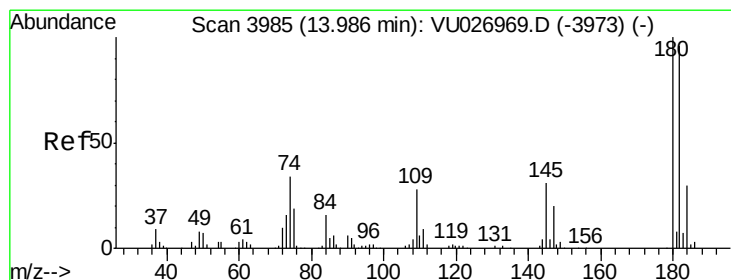
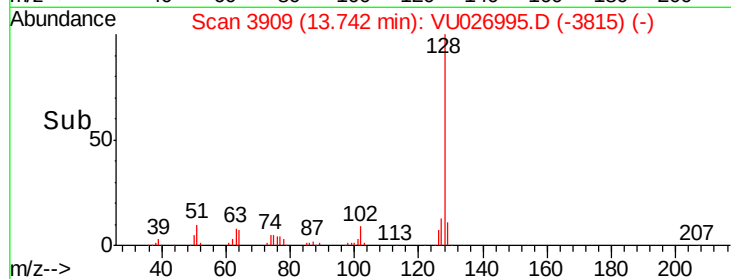
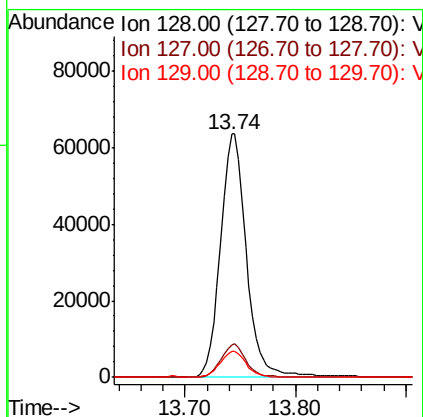
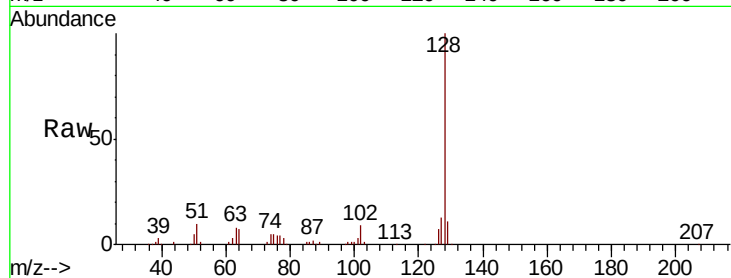




#95
Naphthalene
Concen: 18.159 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS02

Tgt Ion:128 Resp: 103952
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.630 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU026995.D
Acq: 22 Sep 2018 04:35

Tgt Ion:180 Resp: 32834
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 31.3 15.4 46.4

