

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027095.D
 Acq On : 24 Sep 2018 09:57
 Operator : MD/SY
 Sample : VU0924WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

Quant Time: Sep 25 01:33:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	143399	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	137972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	83121	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	4.88	113	57446	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
50) Toluene-d8	7.57	98	224691	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	10.31	95	79230	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	19188	17.469	ug/l	98
3) Chloromethane	1.33	50	32783	17.311	ug/l	99
4) Vinyl Chloride	1.40	62	31148	17.620	ug/l	99
5) Bromomethane	1.62	94	17633	17.516	ug/l	98
6) Chloroethane	1.70	64	20435	18.092	ug/l	98
7) Trichlorofluoromethane	1.89	101	36698	18.278	ug/l	100
8) Diethyl Ether	2.11	74	17810	18.429	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	21761	17.627	ug/l	97
10) Methyl Iodide	2.41	142	20948	13.682	ug/l	98
11) Tert butyl alcohol	2.82	59	36019	92.808	ug/l	100
12) 1,1-Dichloroethene	2.29	96	20769	17.874	ug/l	99
13) Acrolein	2.19	56	18671	89.244	ug/l	96
14) Allyl chloride	2.59	41	48121	20.419	ug/l	98
15) Acrylonitrile	2.93	53	91327	93.366	ug/l	99
16) Acetone	2.32	43	101057	102.573	ug/l	98
17) Carbon Disulfide	2.48	76	67178	17.747	ug/l	100
18) Methyl Acetate	2.61	43	47752	19.814	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	83428	19.539	ug/l	98
20) Methylene Chloride	2.70	84	26483	17.464	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	23357	18.828	ug/l	98
22) Diisopropyl ether	3.57	45	106203	21.069	ug/l	98
23) Vinyl Acetate	3.52	43	438678	102.092	ug/l	99
24) 1,1-Dichloroethane	3.45	63	53939	19.429	ug/l	98
25) 2-Butanone	4.26	43	136988	96.269	ug/l	98
26) 2,2-Dichloropropane	4.22	77	42625	19.687	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	26812	19.138	ug/l	96
28) Bromochloromethane	4.55	49	29724	22.210	ug/l	94
29) Tetrahydrofuran	4.64	42	85284	99.075	ug/l	97
30) Chloroform	4.68	83	48463	18.806	ug/l	96
31) Cyclohexane	5.00	56	50141	19.518	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	40091	19.485	ug/l	97
36) 1,1-Dichloropropene	5.14	75	35397	18.495	ug/l	98
37) Ethyl Acetate	4.38	43	46830	18.075	ug/l	97
38) Carbon Tetrachloride	5.13	117	33903	18.615	ug/l	99

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 Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
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 VU0924WBS01

Quant Time: Sep 25 01:33:03 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	40495	19.471	ug/l	98
40) Benzene	5.39	78	108837	18.707	ug/l	99
41) Methacrylonitrile	4.54	41	27234	20.240	ug/l	96
42) 1,2-Dichloroethane	5.40	62	41819	19.025	ug/l	100
43) Isopropyl Acetate	5.55	43	73742	19.517	ug/l	99
44) Trichloroethene	6.19	130	23576	19.034	ug/l	100
45) 1,2-Dichloropropane	6.43	63	32023	19.317	ug/l	98
46) Dibromomethane	6.56	93	18523	18.501	ug/l	99
47) Bromodichloromethane	6.76	83	37986	18.764	ug/l	96
48) Methyl methacrylate	6.62	41	36263	18.288	ug/l	99
49) 1,4-Dioxane	6.61	88	13967	340.844	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	250086	98.413	ug/l	98
52) Toluene	7.64	92	64976	19.484	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	42527	19.552	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	46773	19.557	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	26604	18.827	ug/l	98
56) Ethyl methacrylate	8.02	69	40620	18.034	ug/l	96
57) 1,3-Dichloropropane	8.24	76	51094	19.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	124098	92.313	ug/l	99
59) 2-Hexanone	8.36	43	191173	96.106	ug/l	98
60) Dibromochloromethane	8.48	129	25499	18.397	ug/l	96
61) 1,2-Dibromoethane	8.59	107	26971	18.344	ug/l	99
64) Tetrachloroethene	8.23	164	19296	18.149	ug/l	98
65) Chlorobenzene	9.12	112	65826	17.993	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	24059	19.093	ug/l	98
67) Ethyl Benzene	9.25	91	117259	19.492	ug/l	100
68) m/p-Xylenes	9.38	106	86784	36.588	ug/l	98
69) o-Xylene	9.78	106	41074	19.270	ug/l	97
70) Styrene	9.79	104	67885	18.250	ug/l	99
71) Bromoform	9.96	173	17871	18.340	ug/l #	100
73) Isopropylbenzene	10.17	105	112224	20.254	ug/l	99
74) N-amyl acetate	10.02	43	63301	19.737	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	45391	17.818	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	54901	24.810	ug/l	84
77) Bromobenzene	10.45	156	25149	18.574	ug/l	92
78) n-propylbenzene	10.59	91	136136	20.765	ug/l	98
79) 2-Chlorotoluene	10.66	91	83045	20.166	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	94421	20.644	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	54901	79.396	ug/l #	100
82) 4-Chlorotoluene	10.77	91	95033	20.581	ug/l	97
83) tert-Butylbenzene	11.10	119	90623	20.041	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	96130	20.652	ug/l	100
85) sec-Butylbenzene	11.32	105	112434	20.369	ug/l	99
86) p-Isopropyltoluene	11.48	119	95270	18.980	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	46932	18.626	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	48753	17.753	ug/l	99
89) n-Butylbenzene	11.89	91	83796	18.283	ug/l	100
90) Hexachloroethane	12.14	117	18747	18.676	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	48000	17.934	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	9911	19.070	ug/l	92

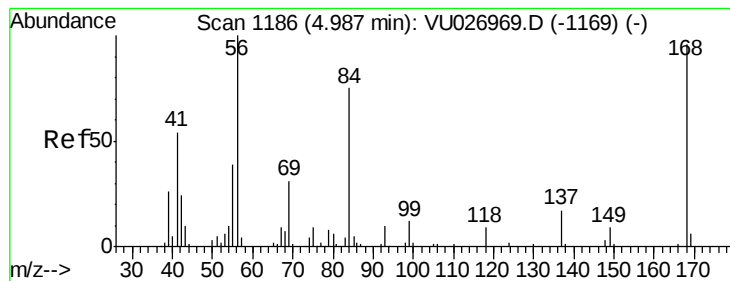
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
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Quant Time: Sep 25 01:33:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	27606	17.898	ug/l	98
94) Hexachlorobutadiene	13.69	225	15563	19.070	ug/l	98
95) Naphthalene	13.74	128	95558	17.000	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	29617	17.906	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

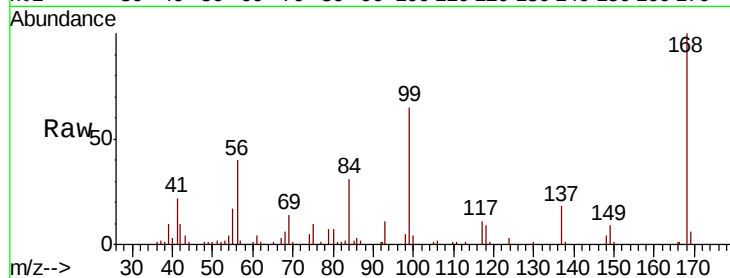
VU0924WBS01

Tgt Ion:168 Resp: 84129

Ion Ratio Lower Upper

168 100

99 64.6 48.1 72.1



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

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

4.98

40000

30000

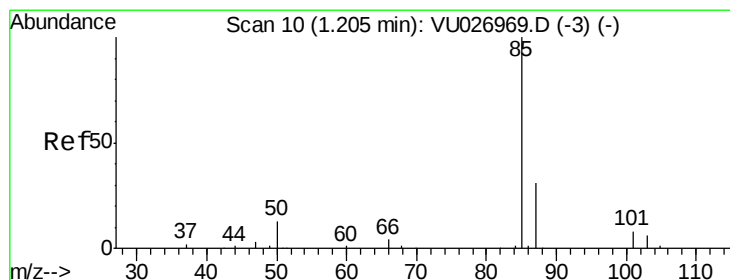
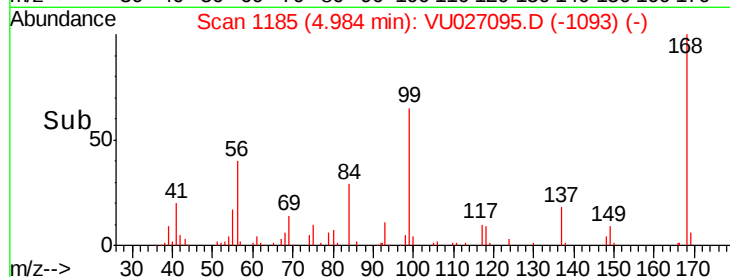
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 17.469 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027095.D

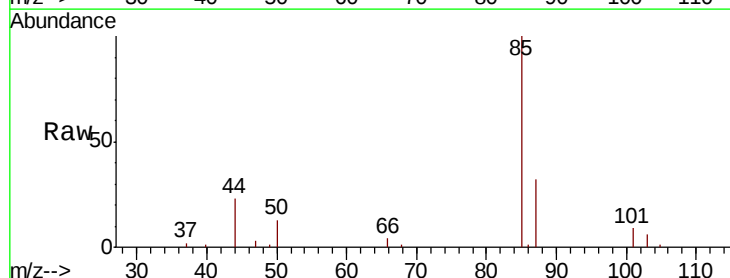
Acq: 24 Sep 2018 09:57

Tgt Ion: 85 Resp: 19188

Ion Ratio Lower Upper

85 100

87 32.3 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

20000

15000

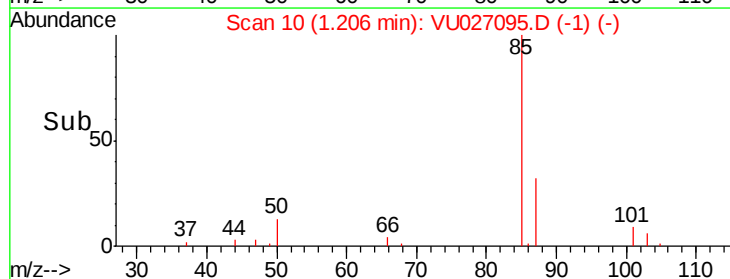
10000

5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.311 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

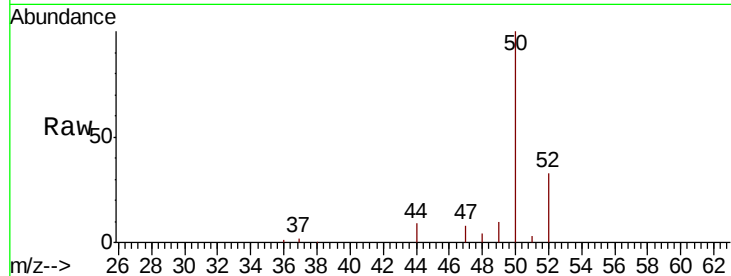
VU0924WBS01

Tgt Ion: 50 Resp: 32783

Ion Ratio Lower Upper

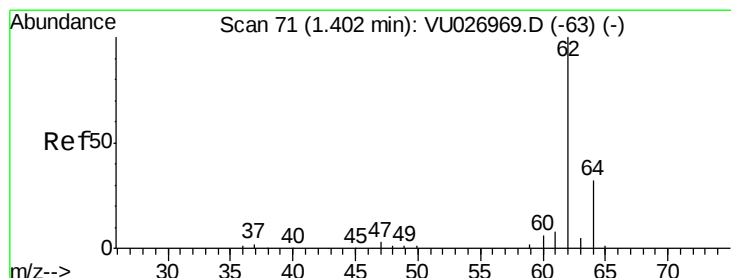
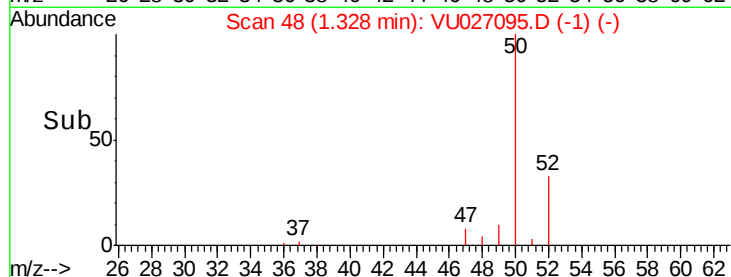
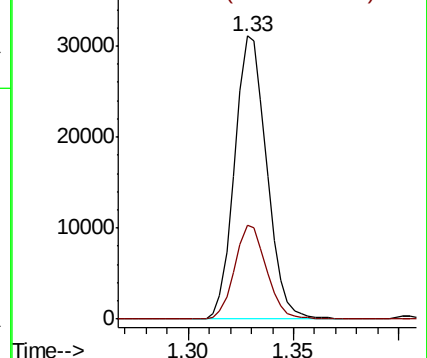
50 100

52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 17.620 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027095.D

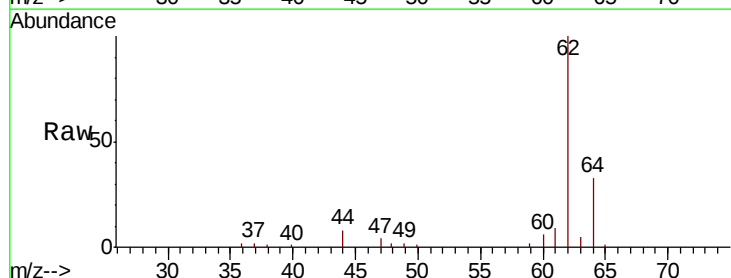
Acq: 24 Sep 2018 09:57

Tgt Ion: 62 Resp: 31148

Ion Ratio Lower Upper

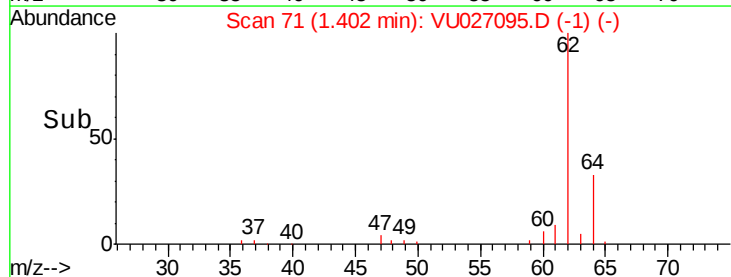
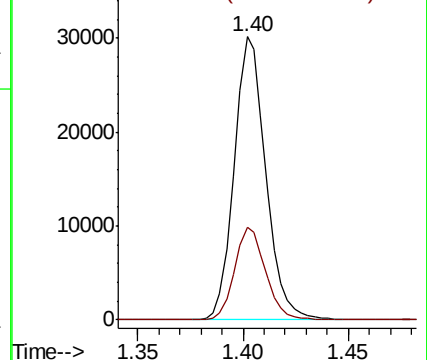
62 100

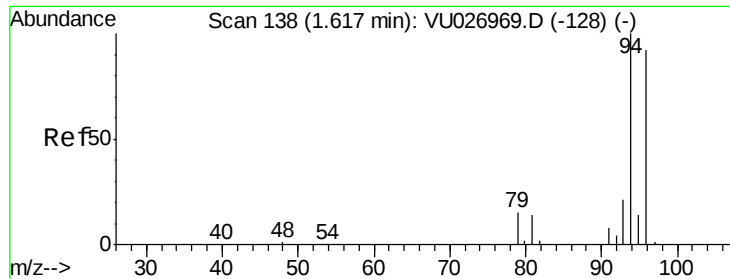
64 32.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 17.516 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

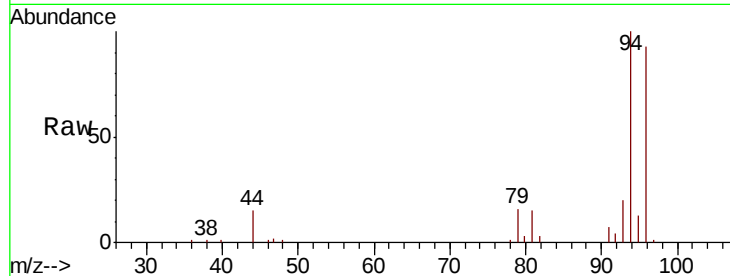
VU0924WBS01

Tgt Ion: 94 Resp: 17633

Ion Ratio Lower Upper

94 100

96 93.3 73.2 109.8



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

Ion 95.90 (95.60 to 96.60): VU027095.D (-45) (-)

1.62

15000

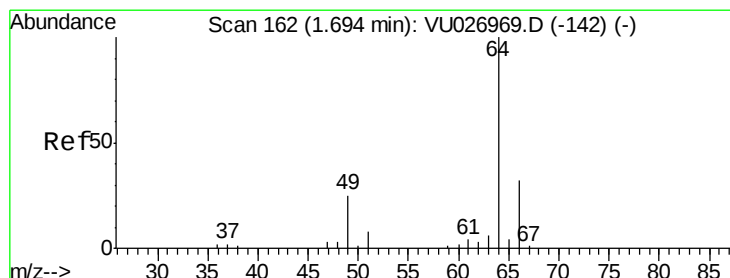
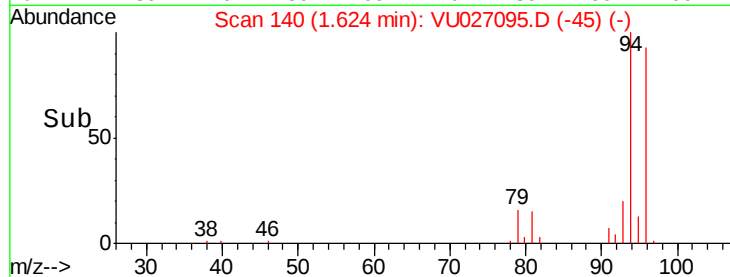
10000

5000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 18.092 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027095.D

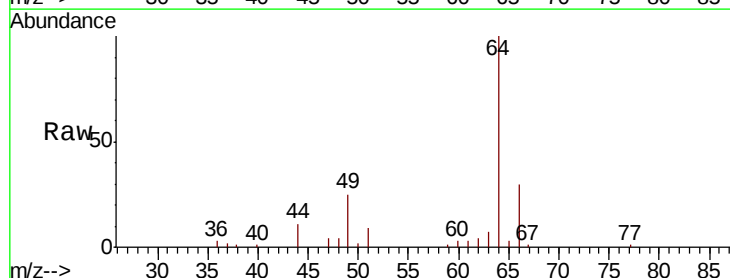
Acq: 24 Sep 2018 09:57

Tgt Ion: 64 Resp: 20435

Ion Ratio Lower Upper

64 100

66 30.7 25.3 37.9



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

Ion 65.90 (65.60 to 66.60): VU027095.D (-69) (-)

1.70

15000

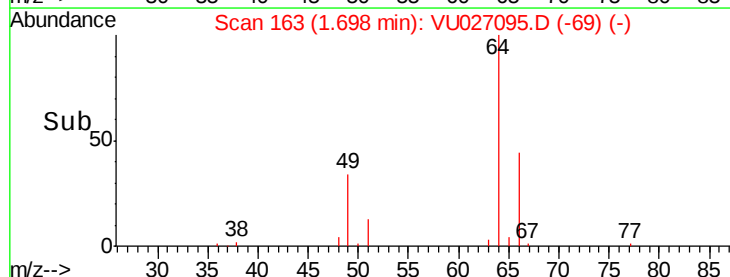
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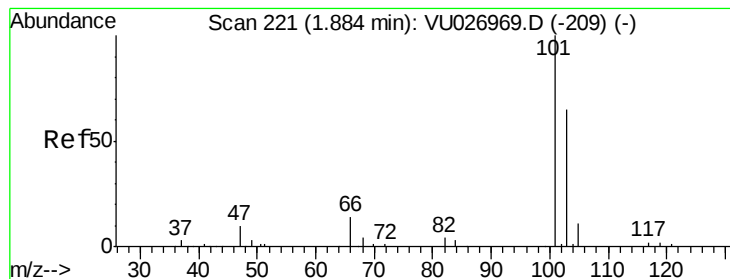
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Time-->

1.65 1.70 1.75



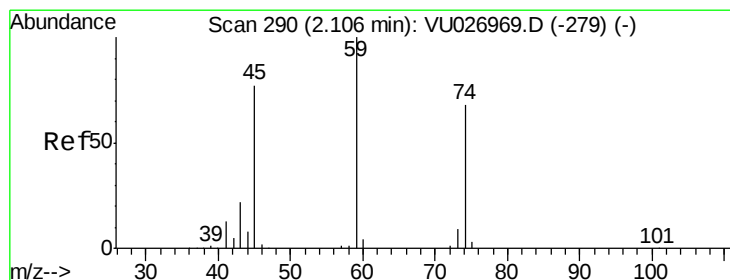
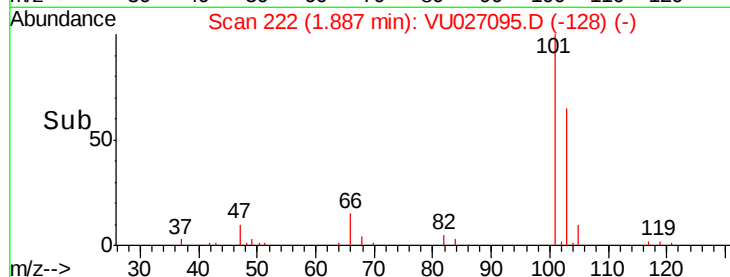
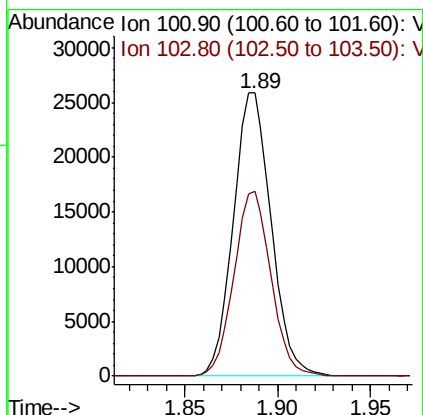
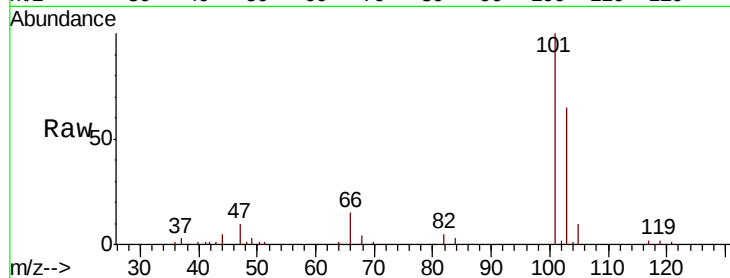


#7

Trichlorofluoromethane
 Concen: 18.278 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

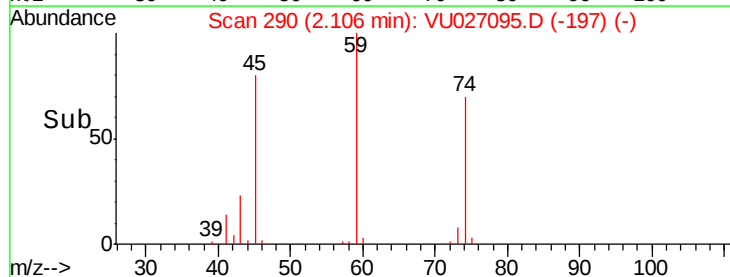
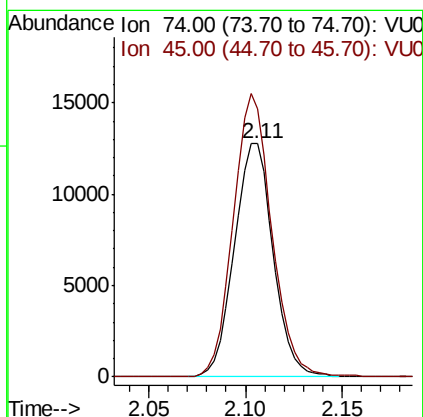
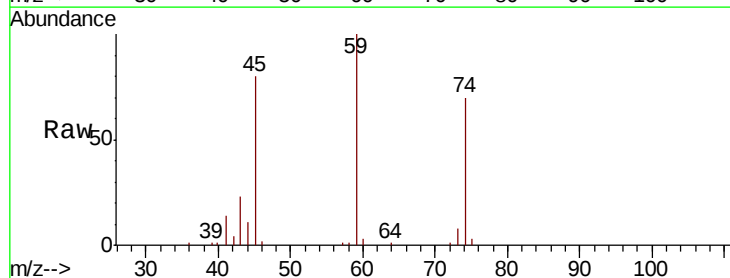
Tgt Ion: 101 Resp: 36698
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.2



#8

Diethyl Ether
 Concen: 18.429 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion: 74 Resp: 17810
 Ion Ratio Lower Upper
 74 100
 45 120.3 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.627 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

VU0924WBS01

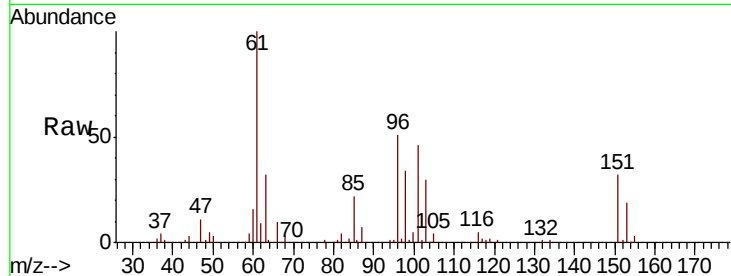
Tgt Ion:101 Resp: 21761

Ion Ratio Lower Upper

101 100

85 46.7 36.2 54.2

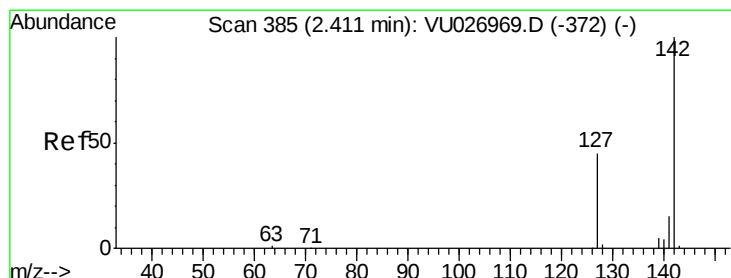
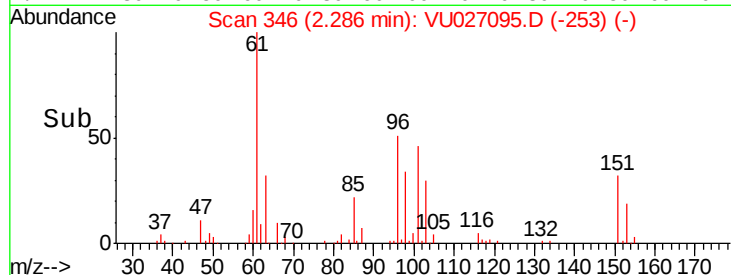
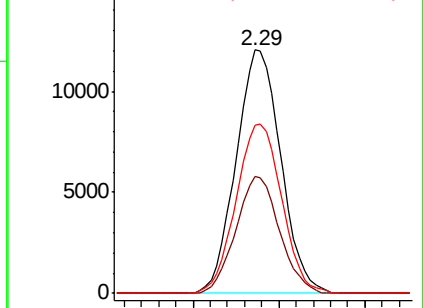
151 70.6 54.5 81.7



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: 13.682 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

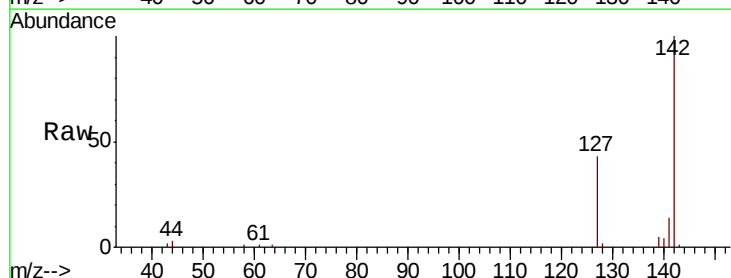
Tgt Ion:142 Resp: 20948

Ion Ratio Lower Upper

142 100

127 44.1 36.7 55.1

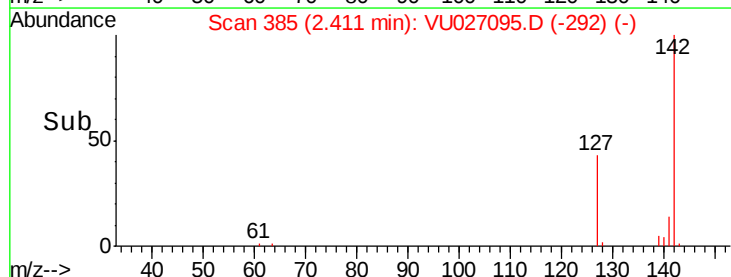
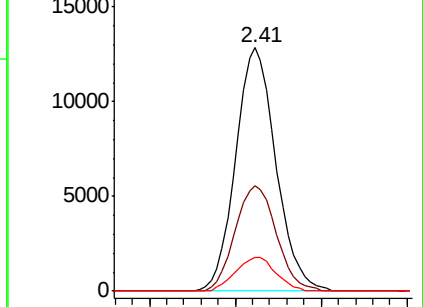
141 13.9 11.8 17.6

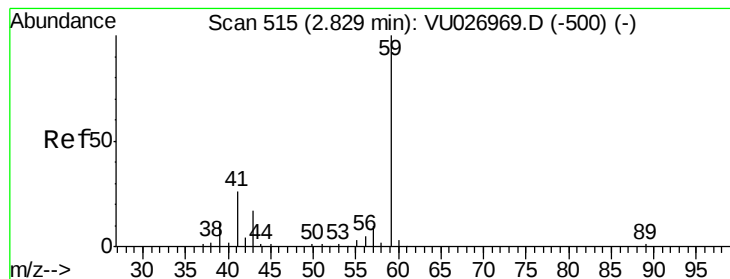


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



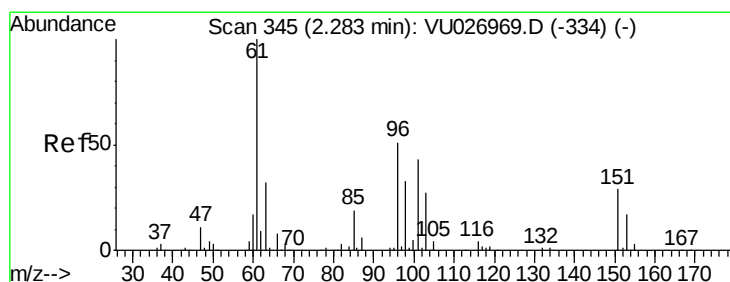
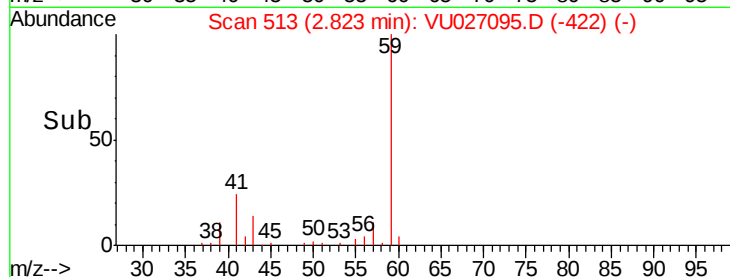
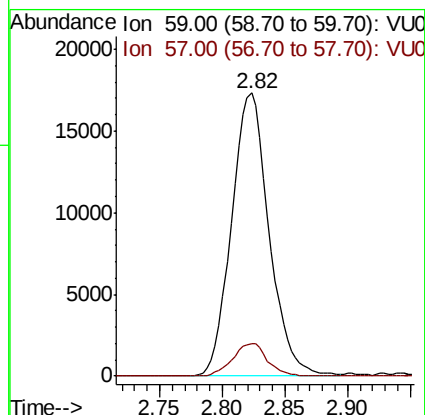
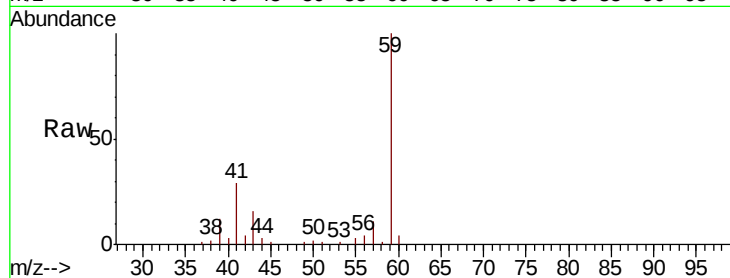


#11

Tert butyl alcohol
 Concen: 92.808 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

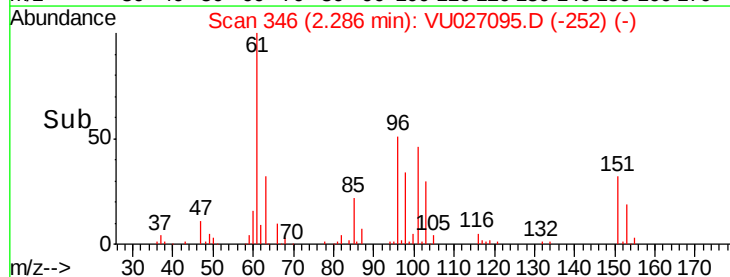
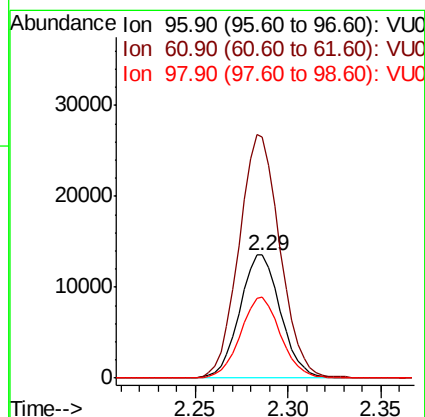
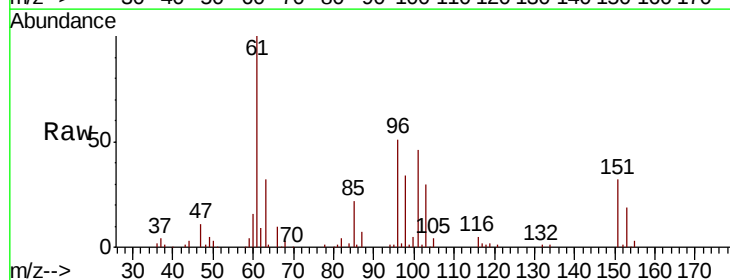
Tgt Ion: 59 Resp: 36019
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

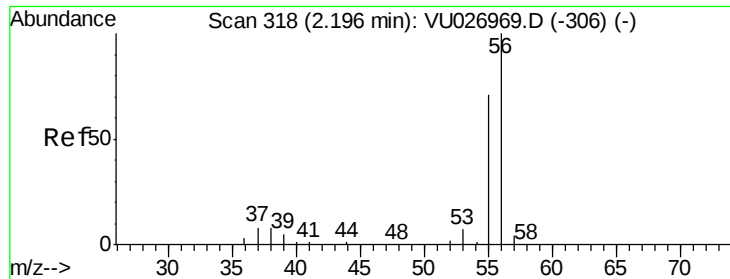


#12

1,1-Dichloroethene
 Concen: 17.874 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion: 96 Resp: 20769
 Ion Ratio Lower Upper
 96 100
 61 195.3 156.1 234.1
 98 65.9 51.4 77.0





#13

Acrolein

Concen: 89.244 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

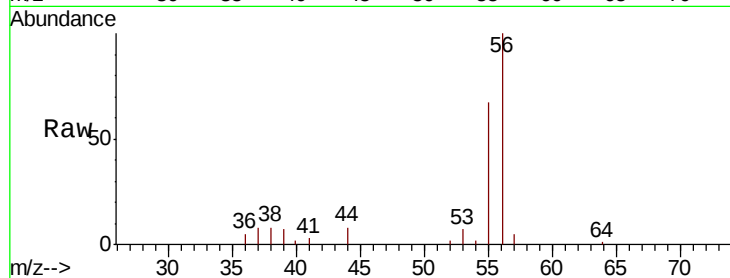
VU0924WBS01

Tgt Ion: 56 Resp: 18671

Ion Ratio Lower Upper

56 100

55 67.8 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU026969.D (-306) (-)

2.19

15000

10000

5000

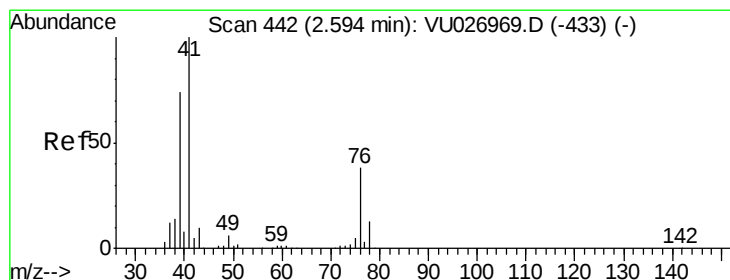
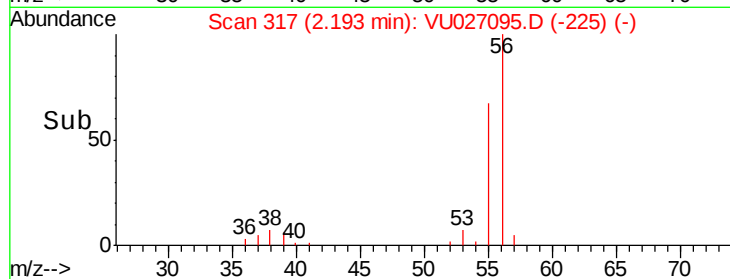
0

Time-->

2.15

2.20

2.25



#14

Allyl chloride

Concen: 20.419 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

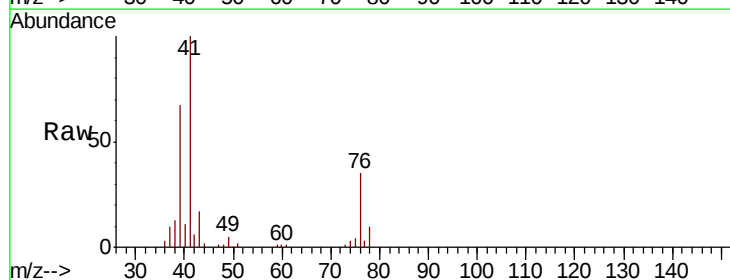
Tgt Ion: 41 Resp: 48121

Ion Ratio Lower Upper

41 100

39 67.0 55.7 83.5

76 32.5 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU026969.D (-433) (-)

2.59

30000

20000

10000

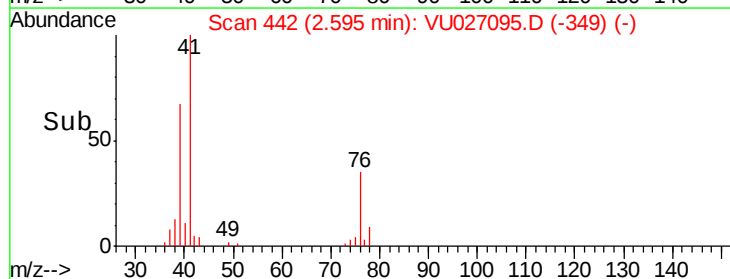
0

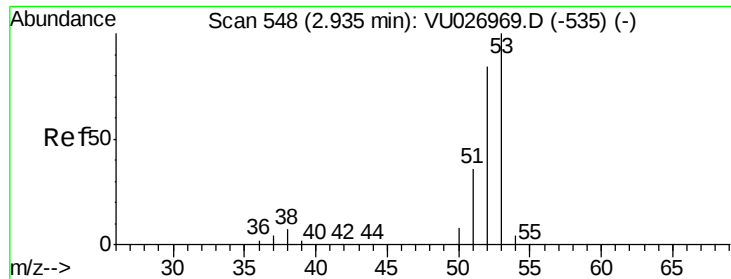
Time-->

2.55

2.60

2.65





#15

Acrylonitrile

Concen: 93.366 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

VU0924WBS01

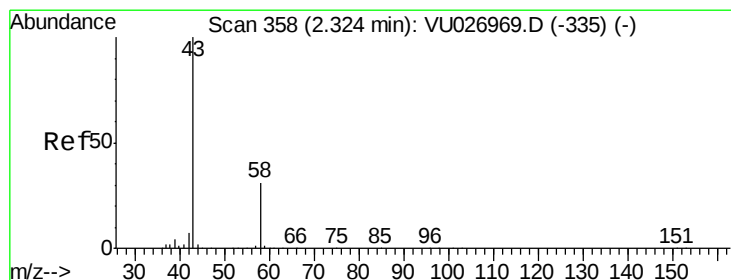
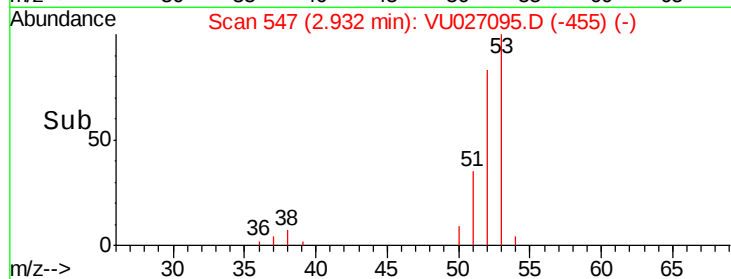
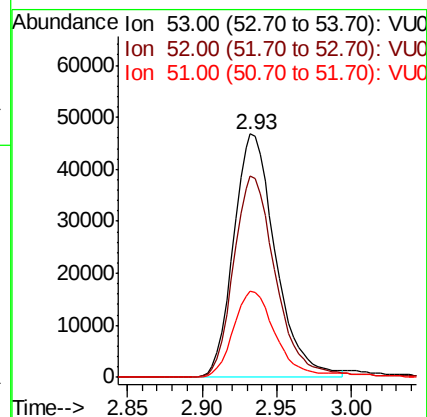
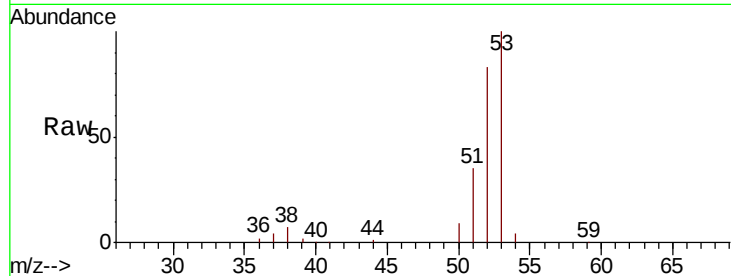
Tgt Ion: 53 Resp: 91327

Ion Ratio Lower Upper

53 100

52 83.2 65.7 98.5

51 35.3 27.4 41.2



#16

Acetone

Concen: 102.573 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.01 min

Lab File: VU027095.D

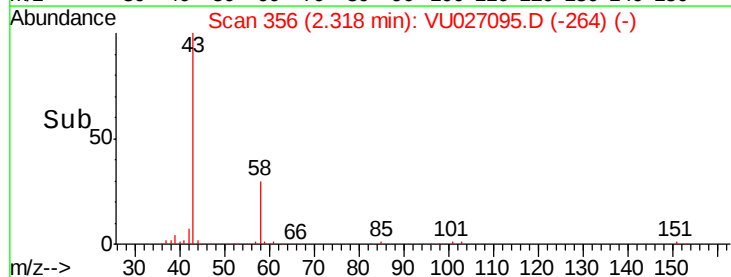
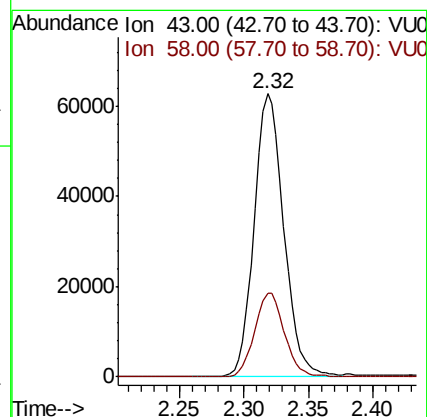
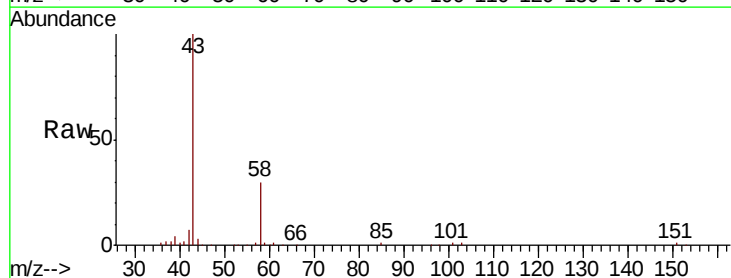
Acq: 24 Sep 2018 09:57

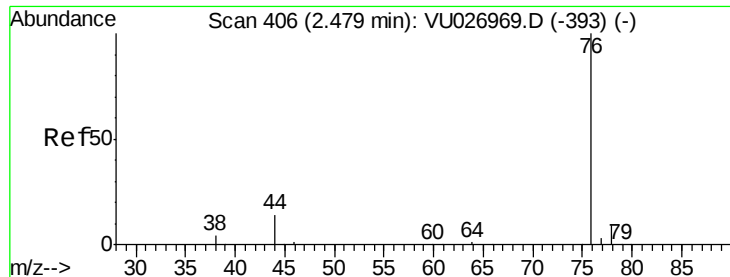
Tgt Ion: 43 Resp: 101057

Ion Ratio Lower Upper

43 100

58 29.8 24.6 36.8

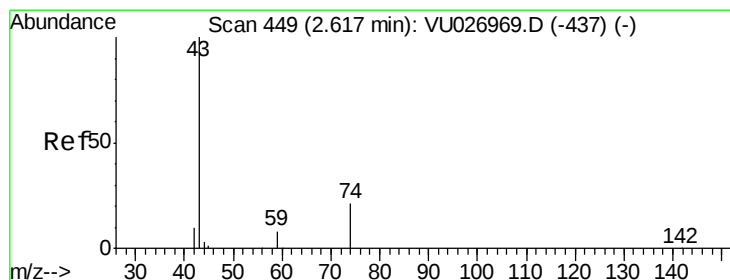
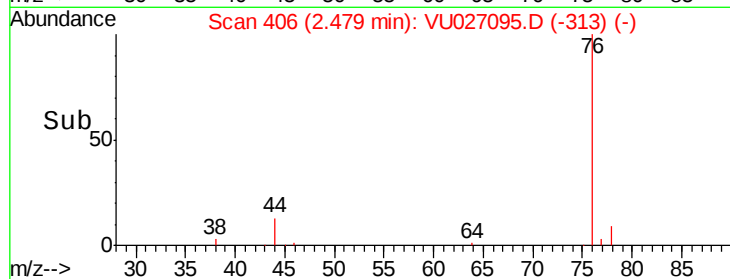
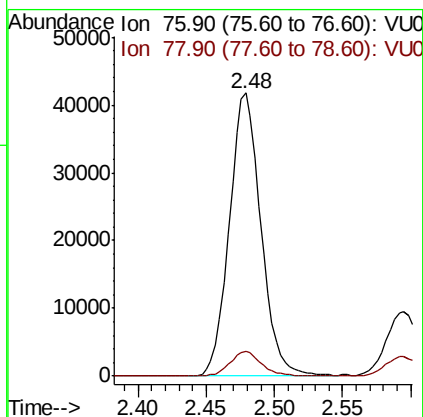
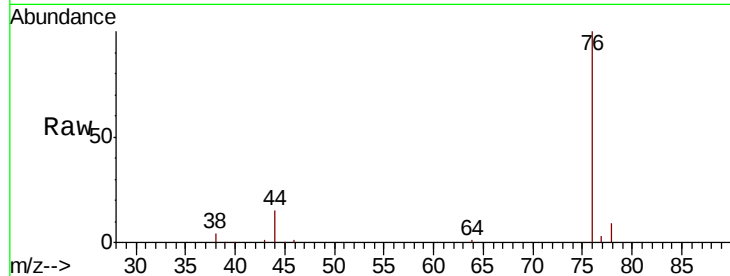




#17
Carbon Disulfide
Concen: 17.747 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

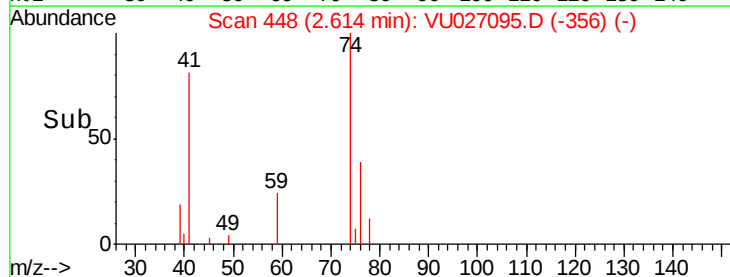
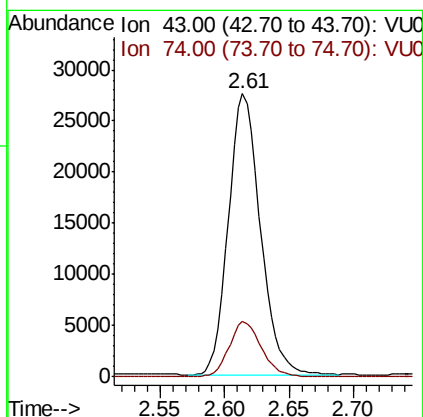
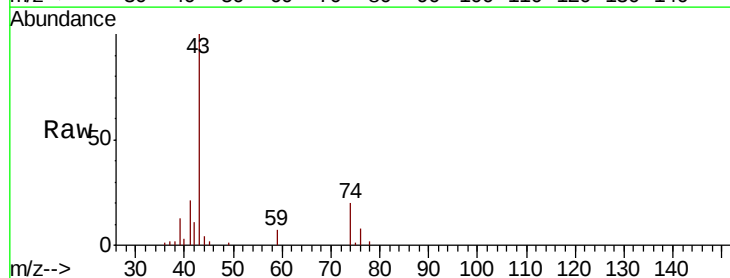
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

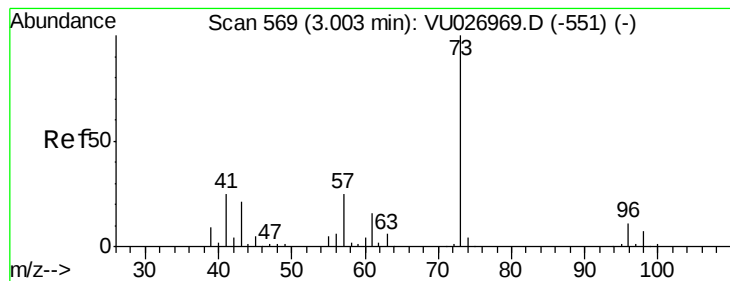
Tgt Ion: 76 Resp: 67178
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 19.814 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 43 Resp: 47752
Ion Ratio Lower Upper
43 100
74 19.6 16.6 25.0



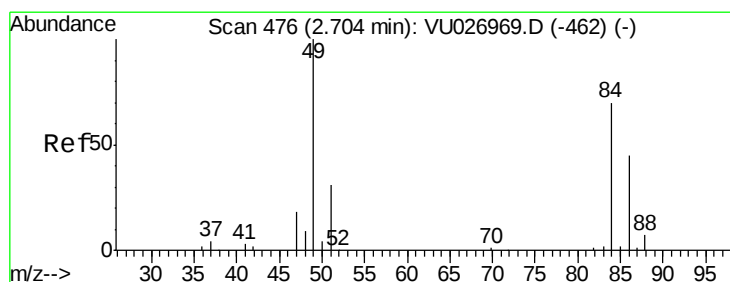
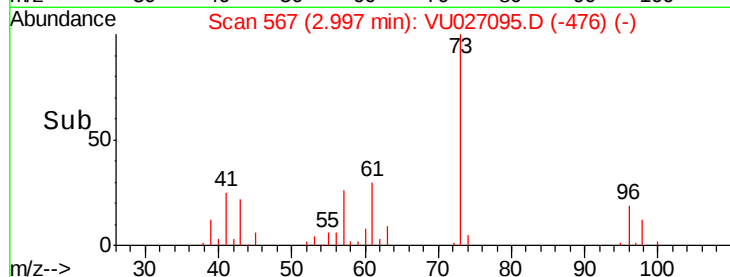
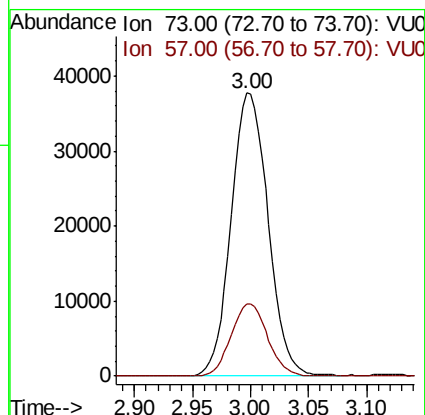
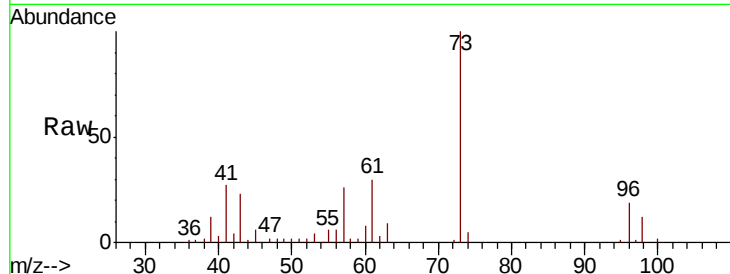


#19

Methyl tert-butyl Ether
 Concen: 19.539 ug/l
 RT: 3.00 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

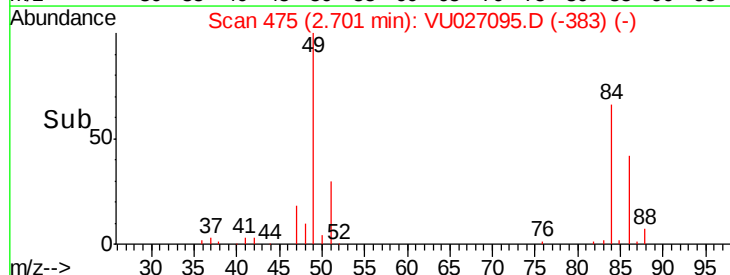
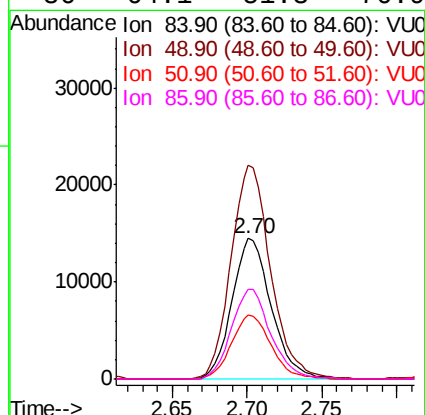
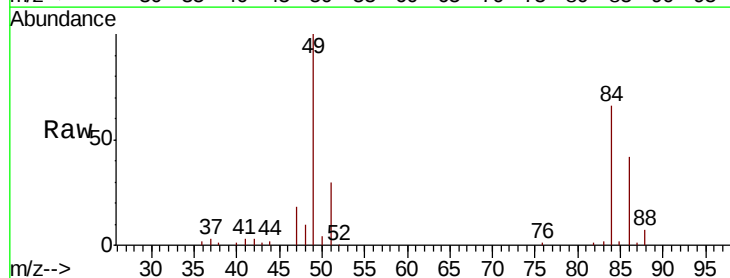
Tgt Ion: 73 Resp: 83428
 Ion Ratio Lower Upper
 73 100
 57 25.6 19.8 29.6

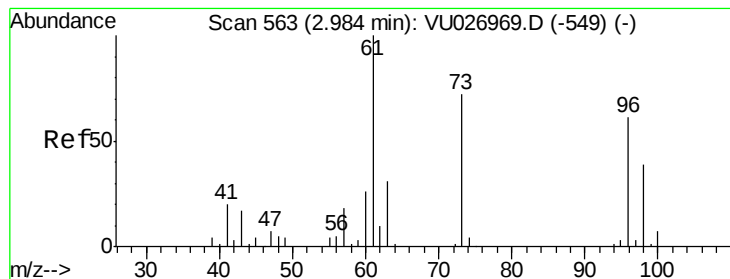


#20

Methylene Chloride
 Concen: 17.464 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion: 84 Resp: 26483
 Ion Ratio Lower Upper
 84 100
 49 152.2 114.9 172.3
 51 45.6 35.8 53.8
 86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.828 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

VU0924WBS01

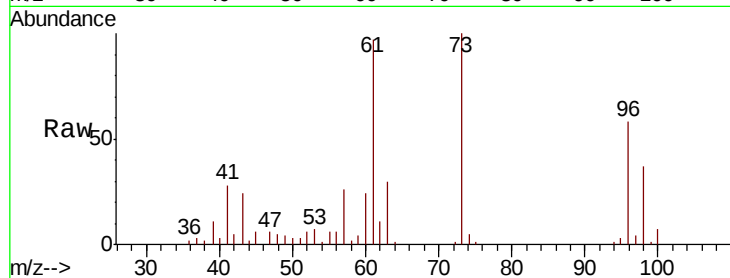
Tgt Ion: 96 Resp: 23357

Ion Ratio Lower Upper

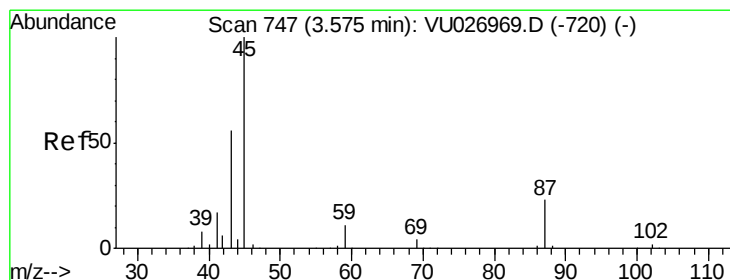
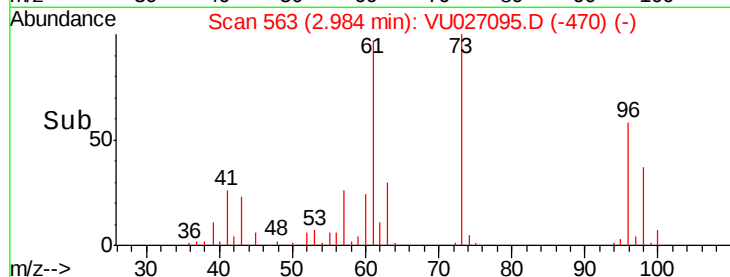
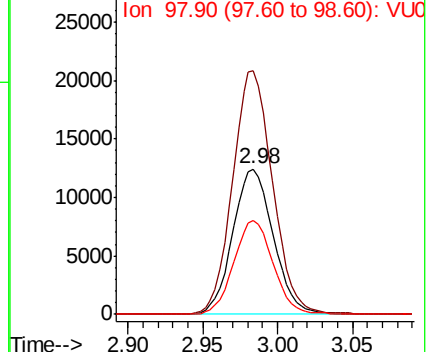
96 100

61 167.7 131.8 197.6

98 64.3 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: 21.069 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Tgt Ion: 45 Resp: 106203

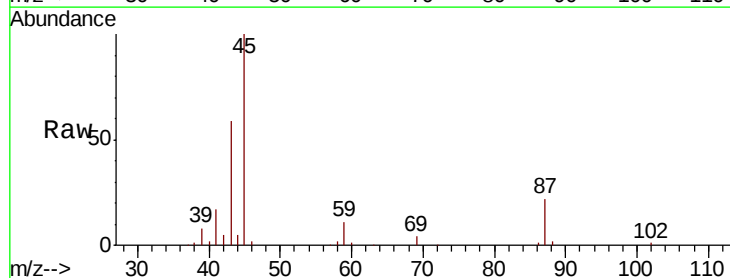
Ion Ratio Lower Upper

45 100

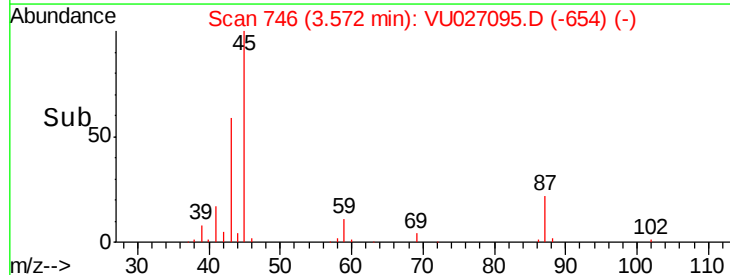
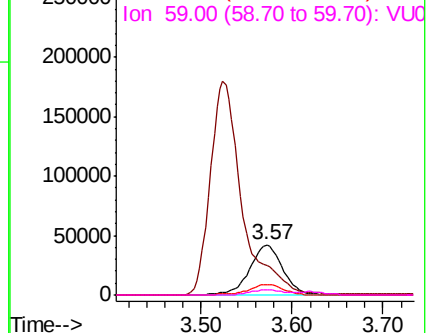
43 56.7 45.8 68.6

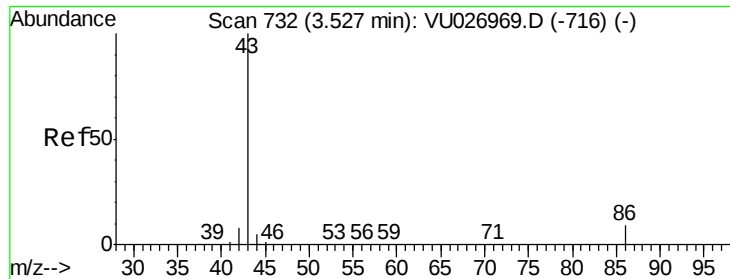
87 21.6 18.6 28.0

59 10.6 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: 102.092 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

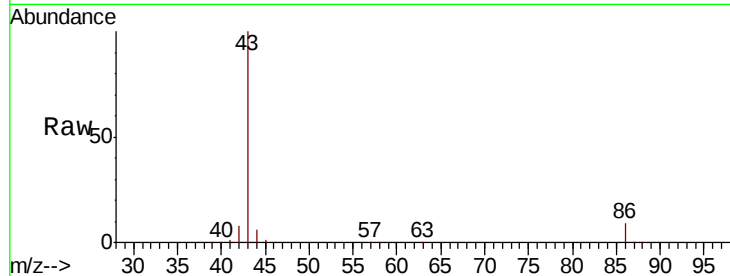
VU0924WBS01

Tgt Ion: 43 Resp: 438678

Ion Ratio Lower Upper

43 100

86 8.7 7.2 10.8



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

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

3.52

200000

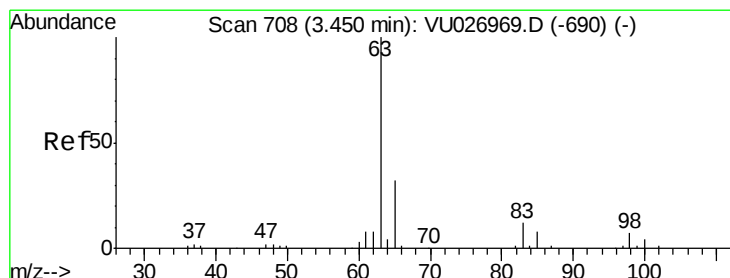
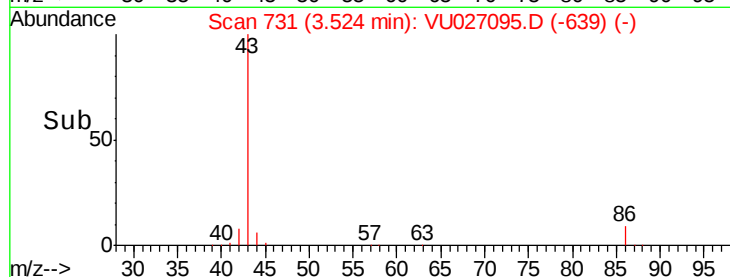
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.429 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

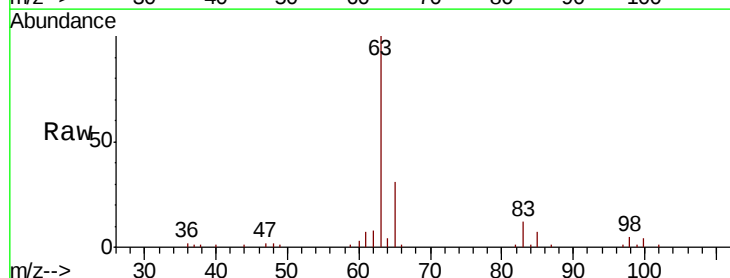
Tgt Ion: 63 Resp: 53939

Ion Ratio Lower Upper

63 100

98 5.5 3.3 9.8

100 3.6 2.0 5.8



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

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

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

3.45

30000

25000

20000

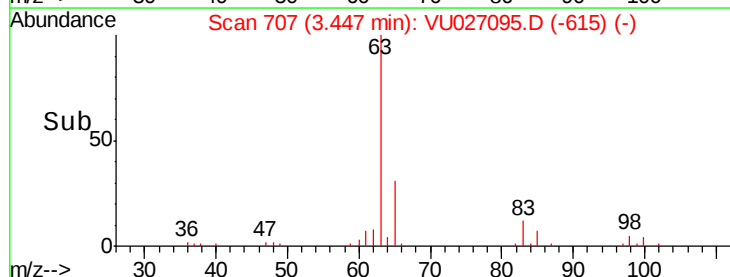
15000

10000

5000

0

Time-->





#25

2-Butanone

Concen: 96.269 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

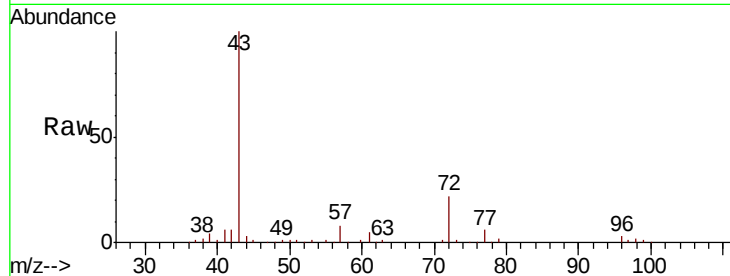
VU0924WBS01

Tgt Ion: 43 Resp: 136988

Ion Ratio Lower Upper

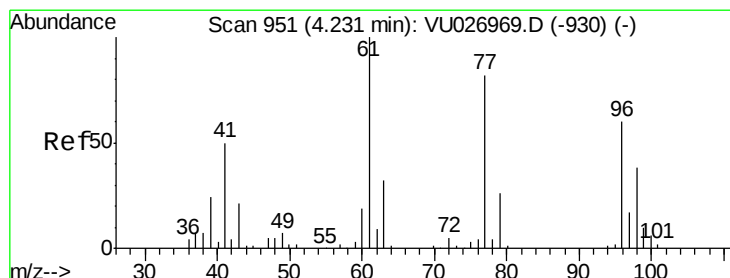
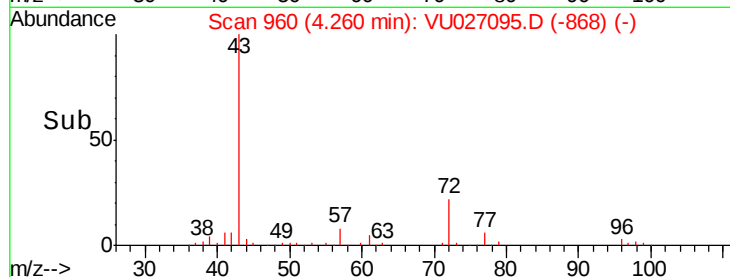
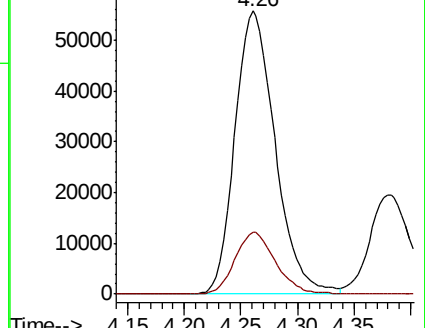
43 100

72 21.8 18.4 27.6



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

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



#26

2,2-Dichloropropane

Concen: 19.687 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.01 min

Lab File: VU027095.D

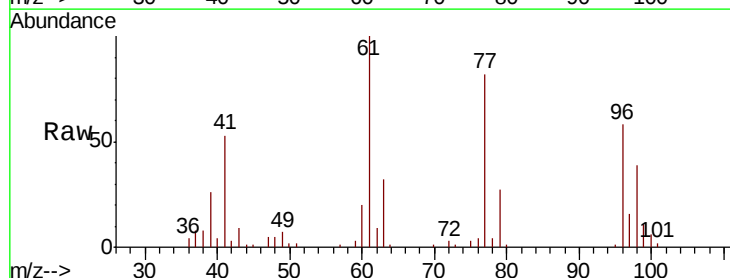
Acq: 24 Sep 2018 09:57

Tgt Ion: 77 Resp: 42625

Ion Ratio Lower Upper

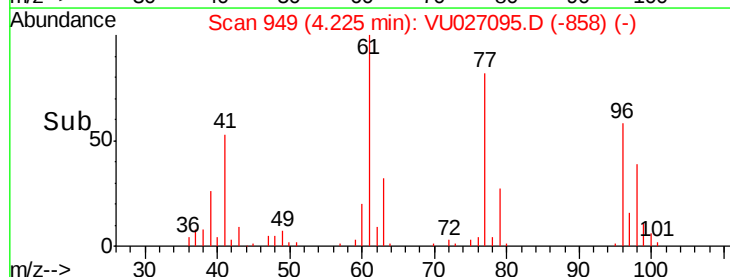
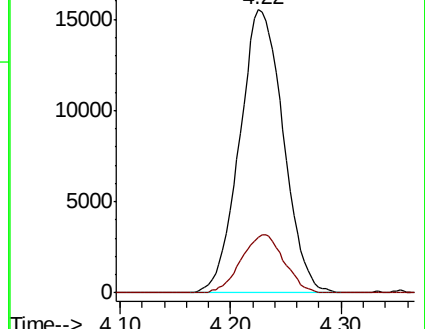
77 100

97 20.0 10.5 31.5



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

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

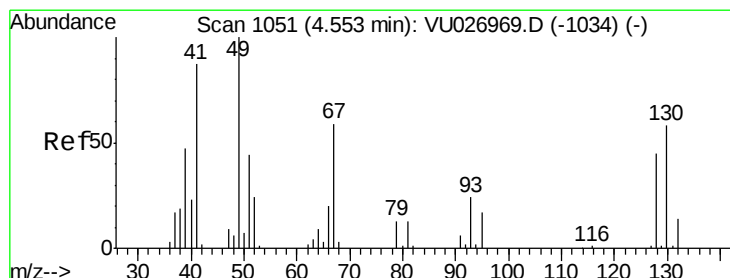
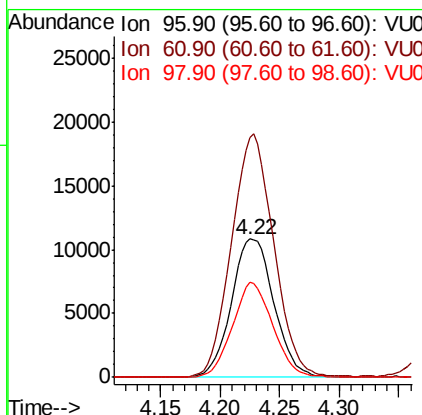
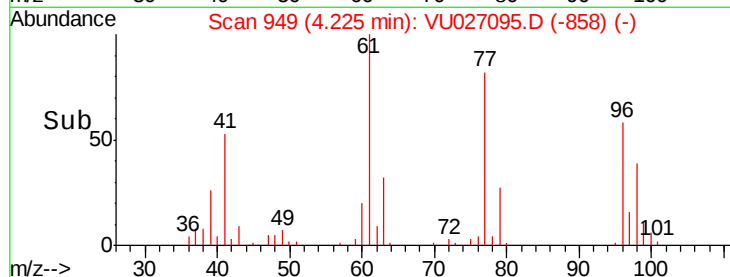
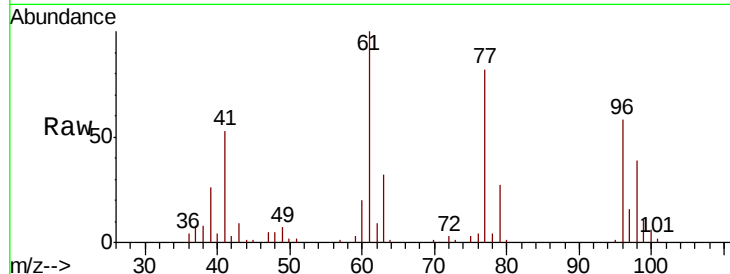




#27
 cis-1,2-Dichloroethene
 Concen: 19.138 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

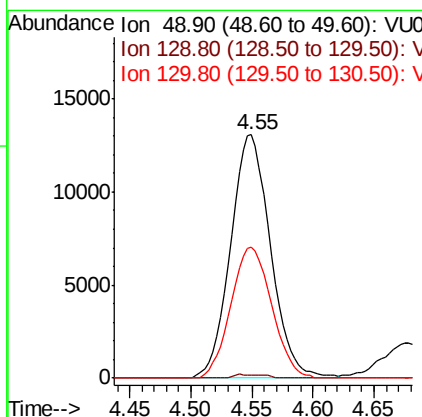
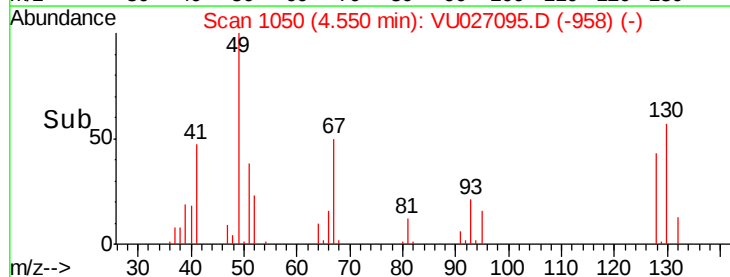
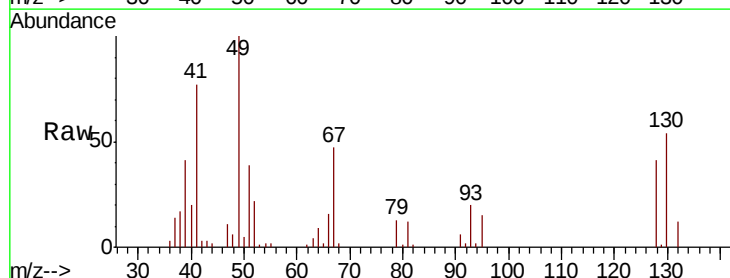
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

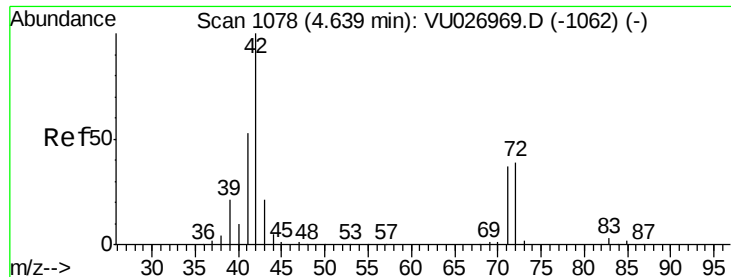
Tgt Ion: 96 Resp: 26812
 Ion Ratio Lower Upper
 96 100
 61 175.0 0.0 337.2
 98 64.9 0.0 127.6



#28
 Bromochloromethane
 Concen: 22.210 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion: 49 Resp: 29724
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.0
 130 54.8 47.8 71.8

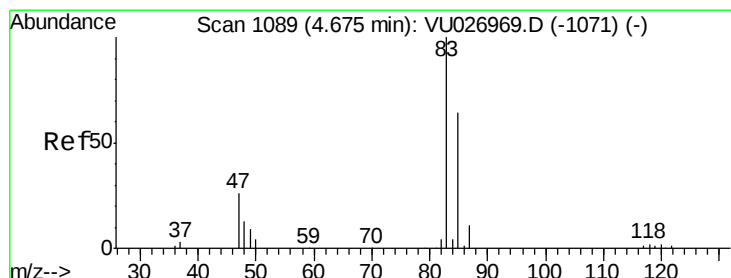
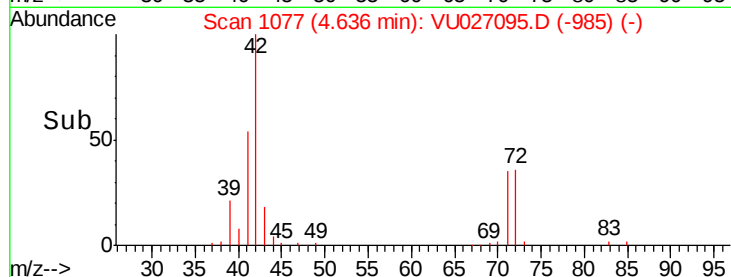
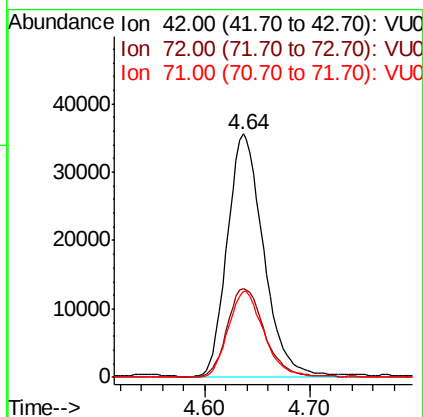
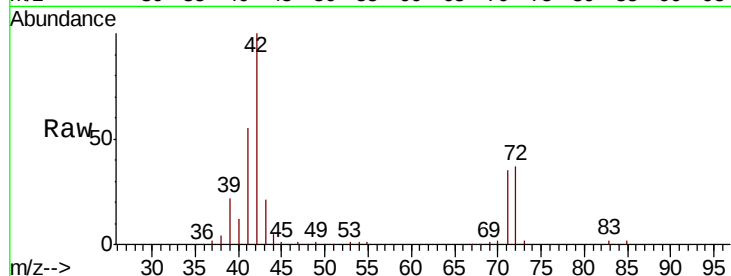




#29
Tetrahydrofuran
Concen: 99.075 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

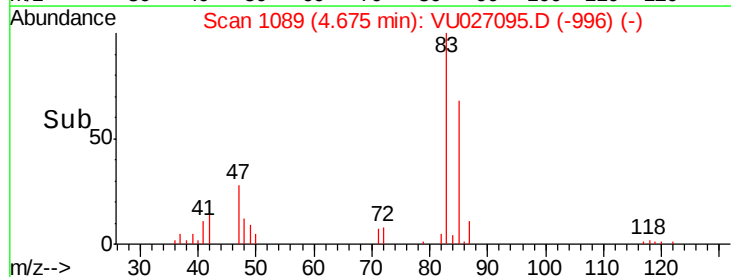
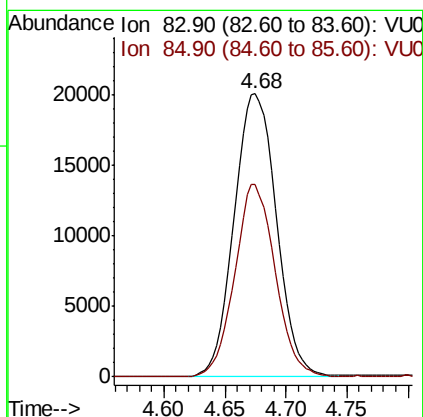
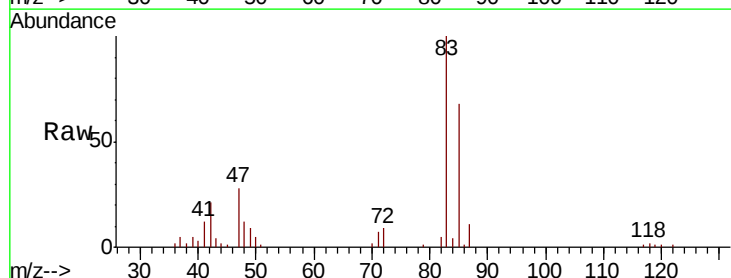
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

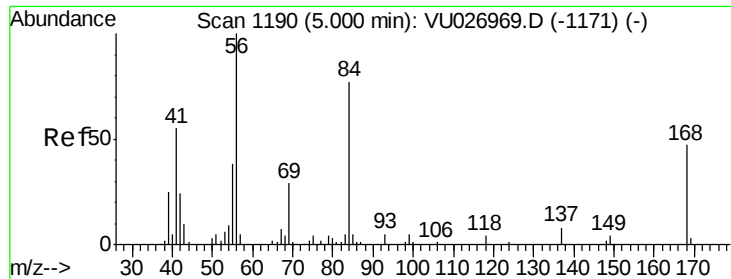
Tgt Ion: 42 Resp: 85284
Ion Ratio Lower Upper
42 100
72 37.7 31.7 47.5
71 34.6 29.6 44.4



#30
Chloroform
Concen: 18.806 ug/l
RT: 4.68 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 83 Resp: 48463
Ion Ratio Lower Upper
83 100
85 67.8 51.5 77.3

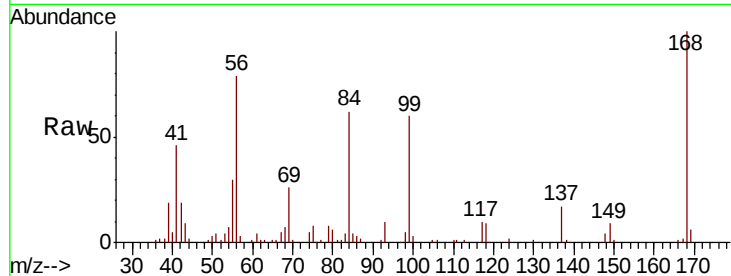




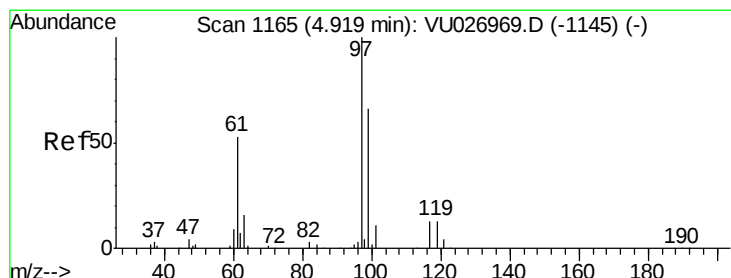
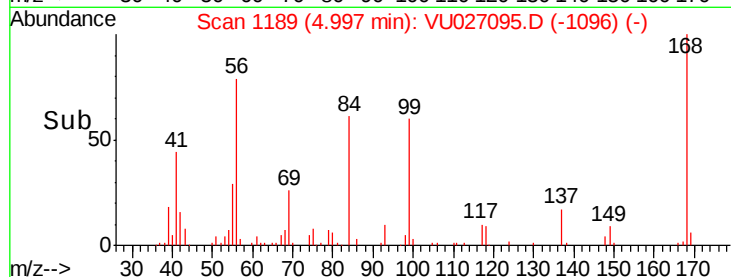
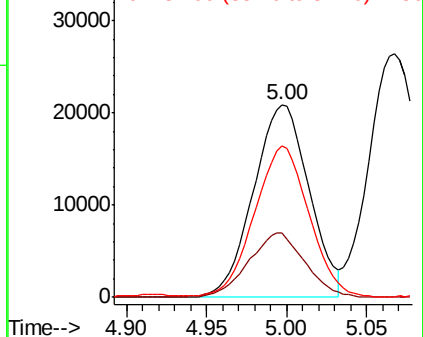
#31
Cyclohexane
Concen: 19.518 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

Tgt Ion: 56 Resp: 50141
Ion Ratio Lower Upper
56 100
69 33.2 23.0 34.4
84 77.7 61.4 92.2

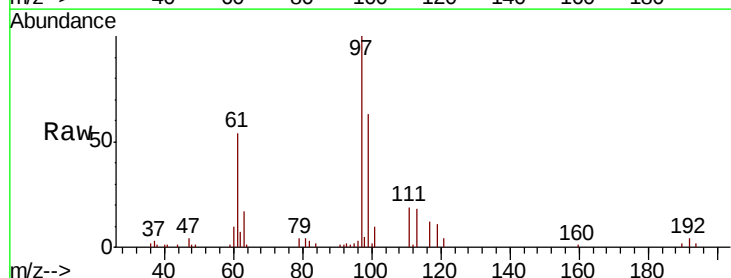


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

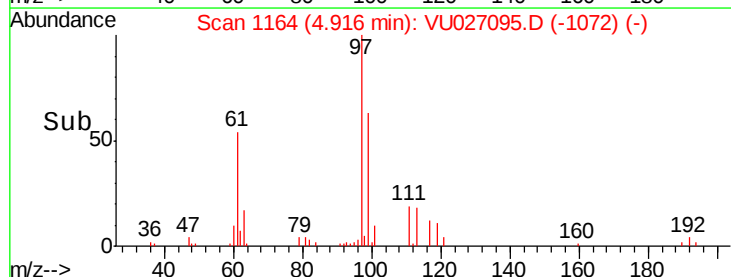
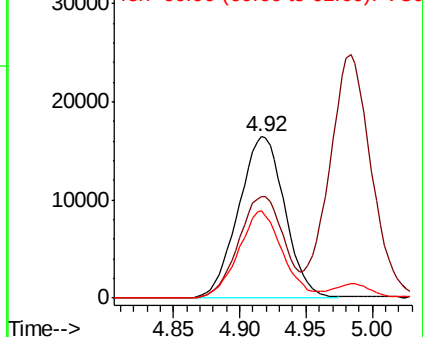


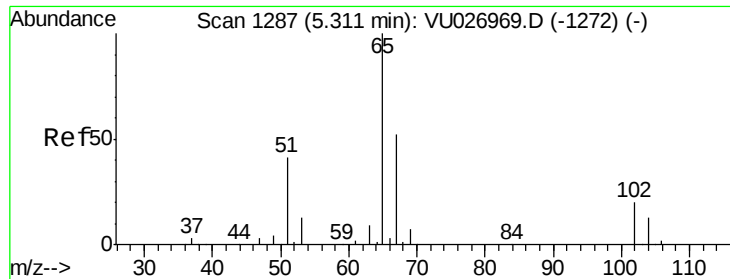
#32
1,1,1-Trichloroethane
Concen: 19.485 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 97 Resp: 40091
Ion Ratio Lower Upper
97 100
99 61.3 51.8 77.6
61 51.2 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

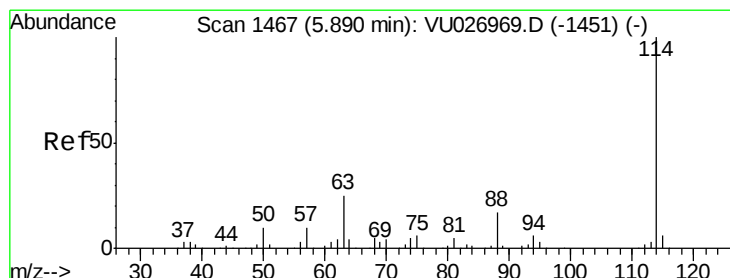
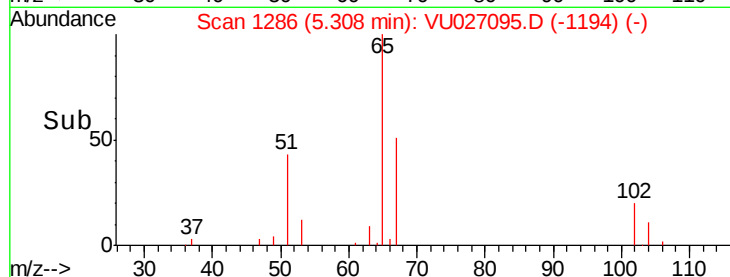
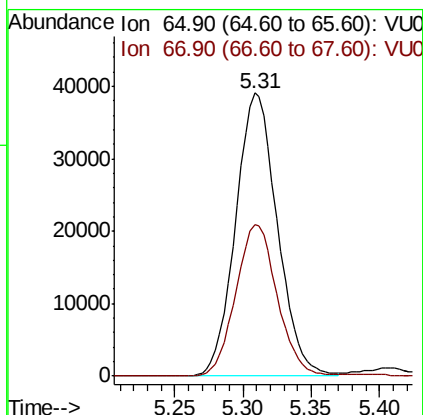
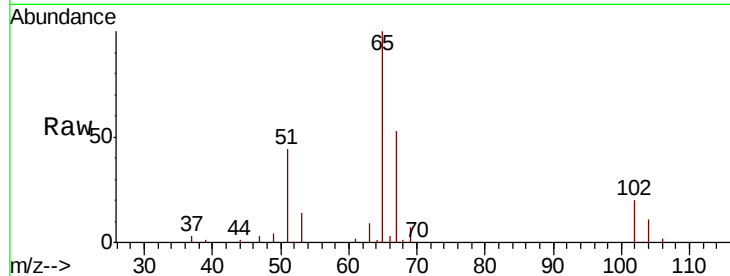




#33
 1,2-Dichloroethane-d4
 Concen: 49.090 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

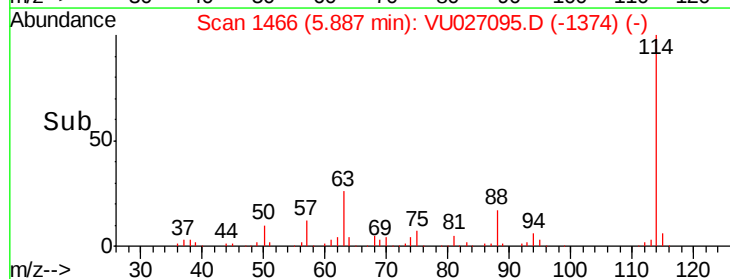
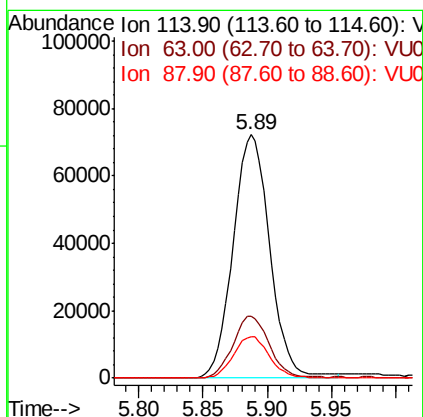
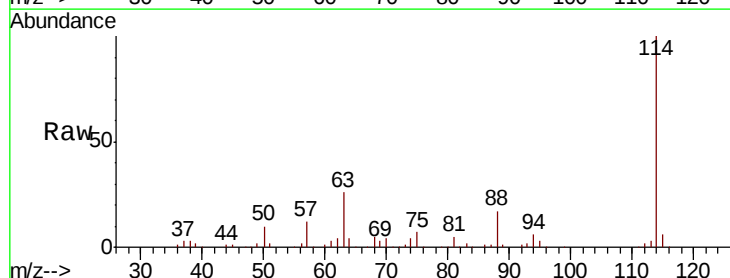
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

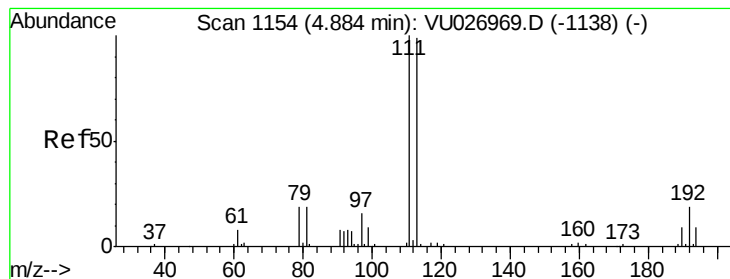
Tgt Ion: 65 Resp: 83121
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion: 114 Resp: 143399
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.216 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

VU0924WBS01

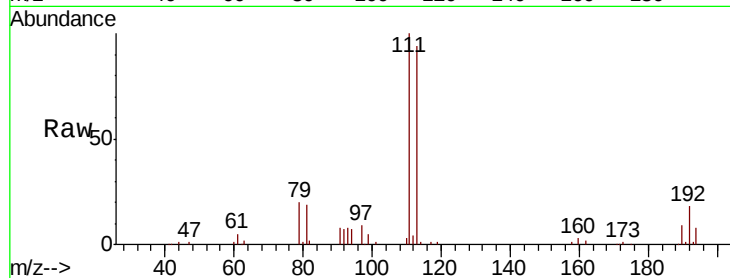
Tgt Ion:113 Resp: 57446

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

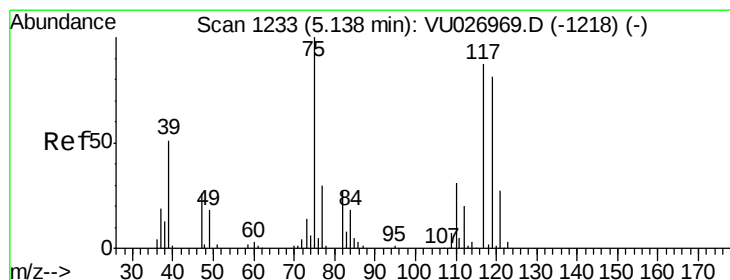
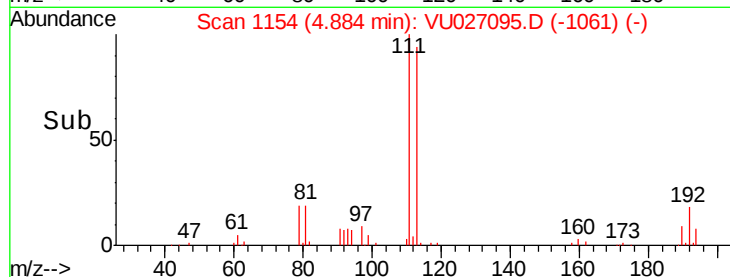
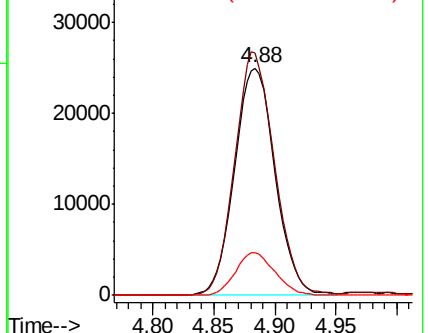
192 18.1 15.2 22.8



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: 18.495 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

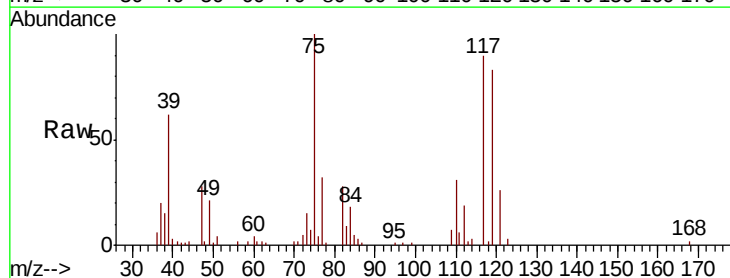
Tgt Ion: 75 Resp: 35397

Ion Ratio Lower Upper

75 100

110 30.7 16.1 48.2

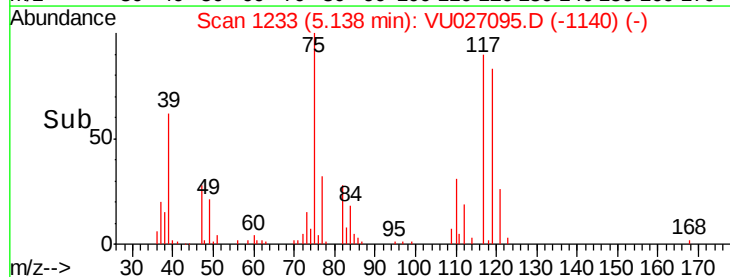
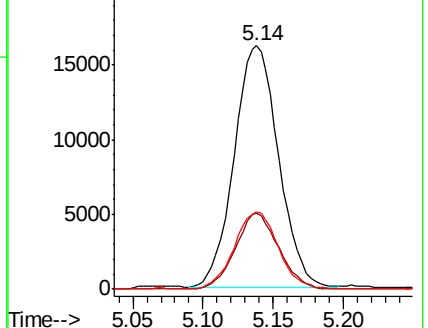
77 31.8 24.6 36.8

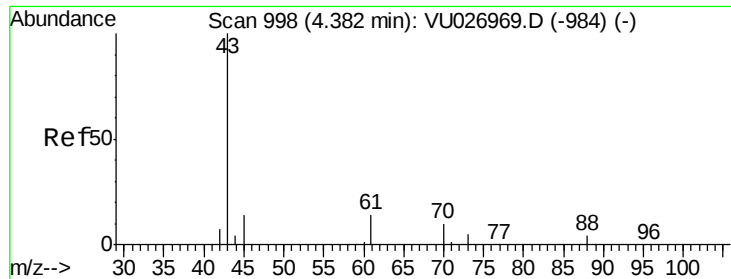


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 18.075 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

VU0924WBS01

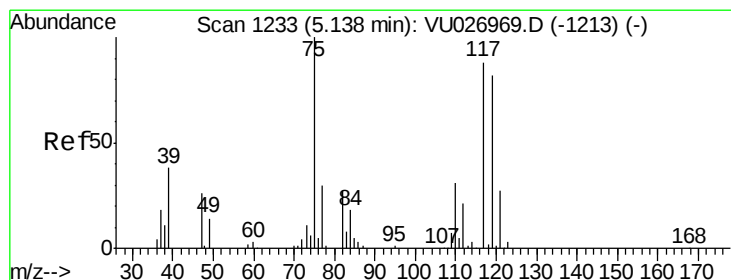
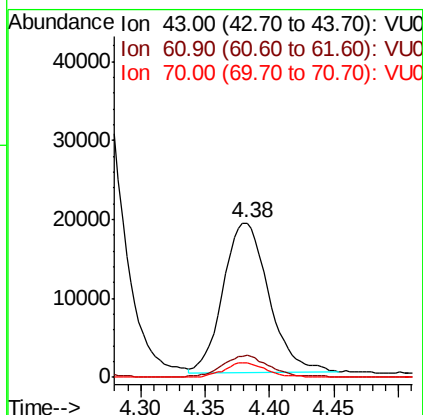
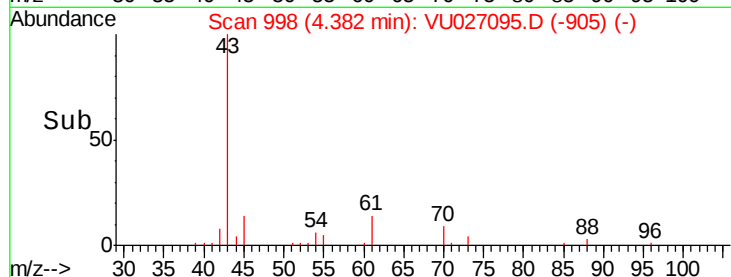
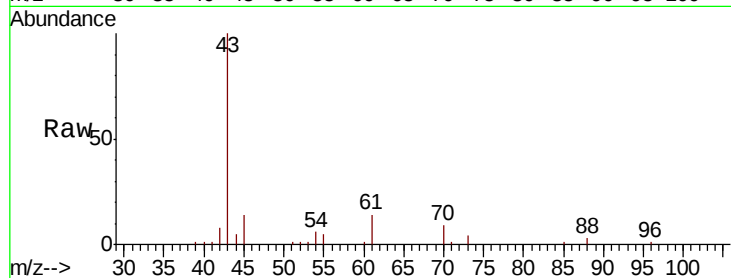
Tgt Ion: 43 Resp: 46830

Ion Ratio Lower Upper

43 100

61 14.8 10.5 15.7

70 8.8 7.4 11.0



#38

Carbon Tetrachloride

Concen: 18.615 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

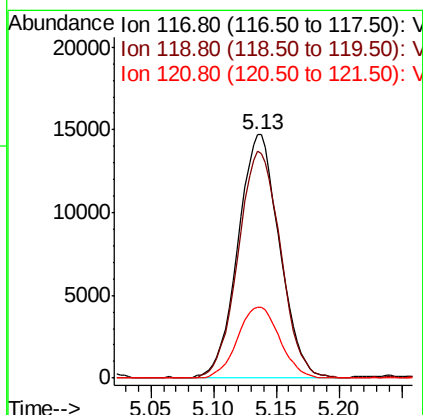
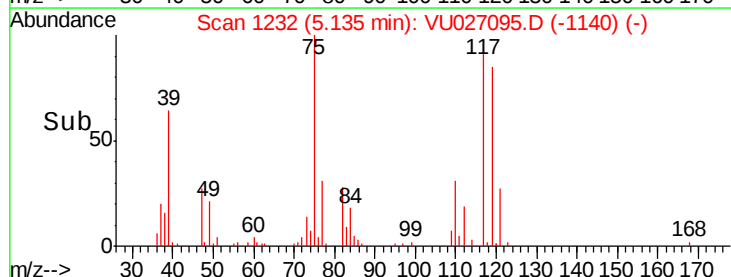
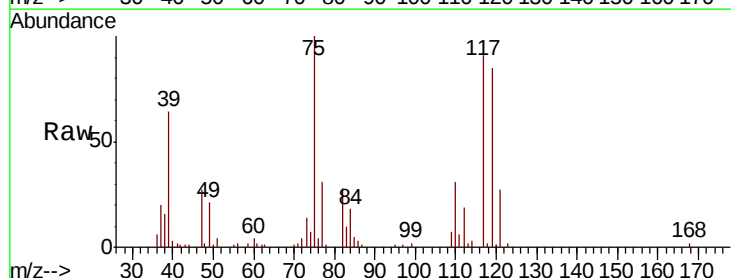
Tgt Ion: 117 Resp: 33903

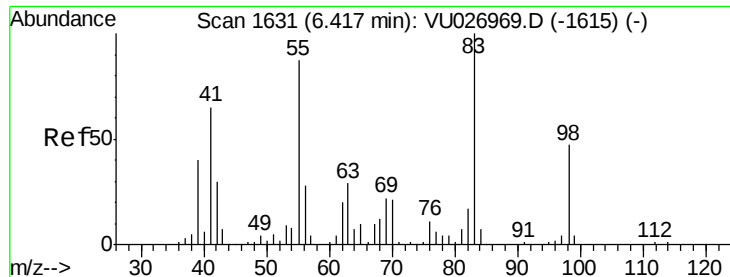
Ion Ratio Lower Upper

117 100

119 93.0 74.4 111.6

121 29.2 24.2 36.4

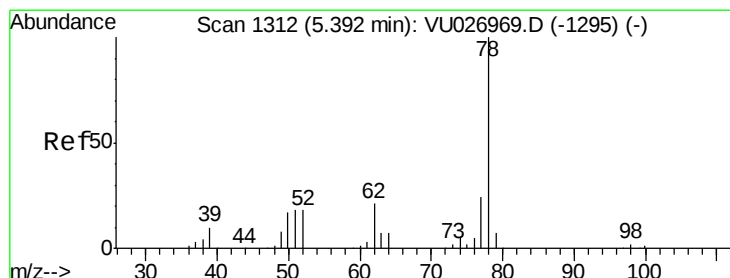
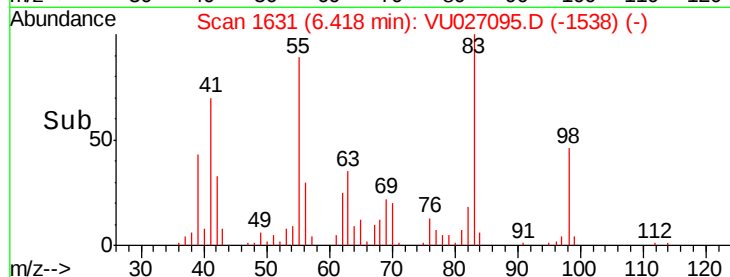
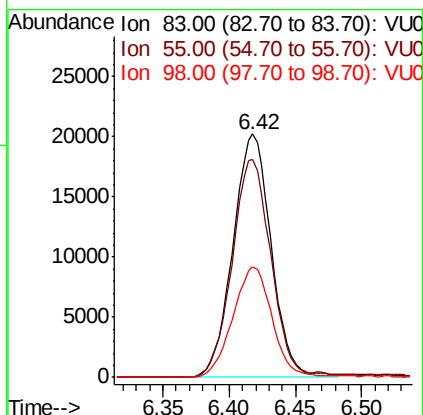
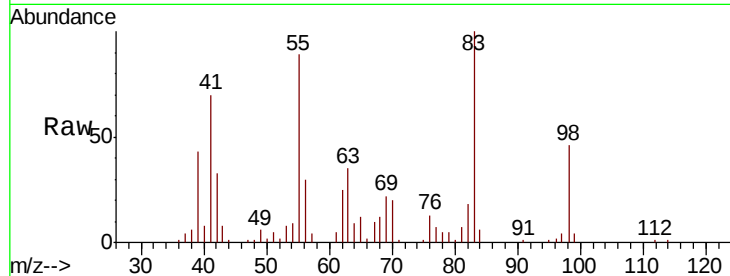




#39
Methylcyclohexane
Concen: 19.471 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

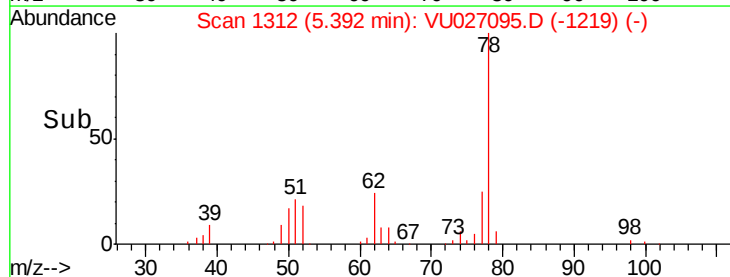
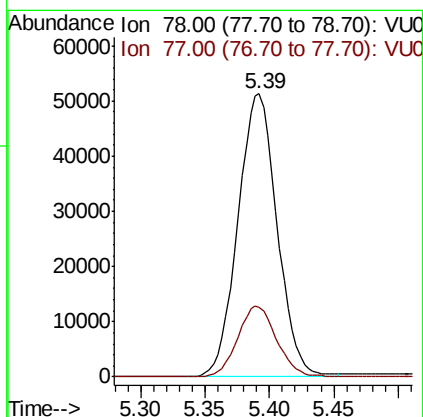
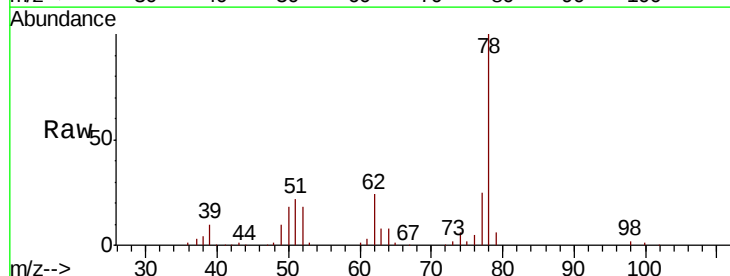
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

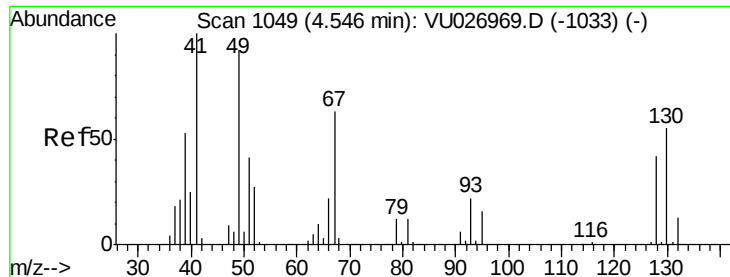
Tgt Ion: 83 Resp: 40495
Ion Ratio Lower Upper
83 100
55 89.5 69.9 104.9
98 45.6 37.5 56.3



#40
Benzene
Concen: 18.707 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 78 Resp: 108837
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0

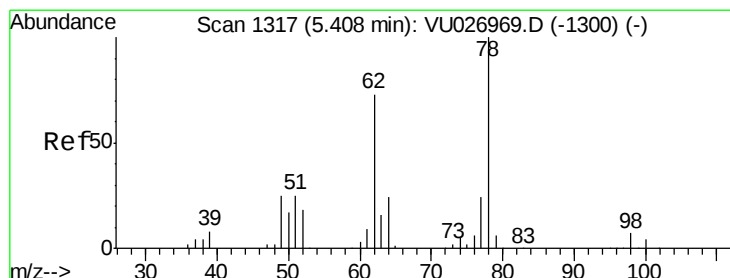
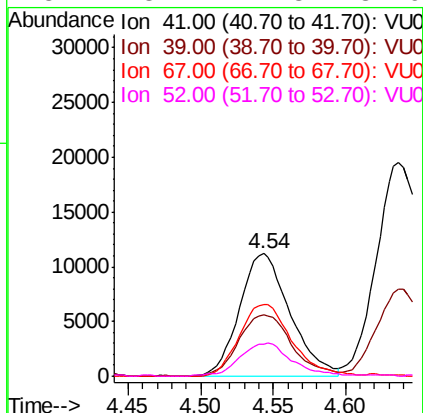
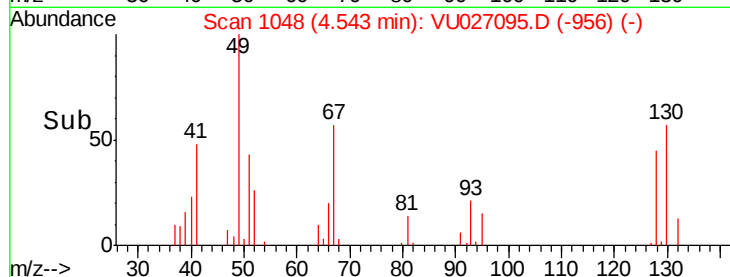
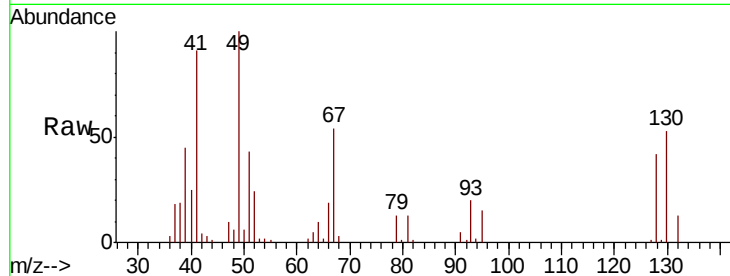




#41
Methacrylonitrile
Concen: 20.240 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

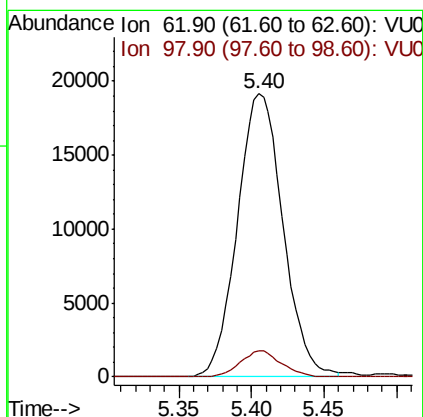
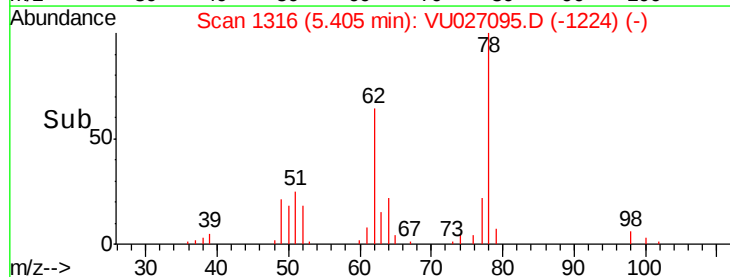
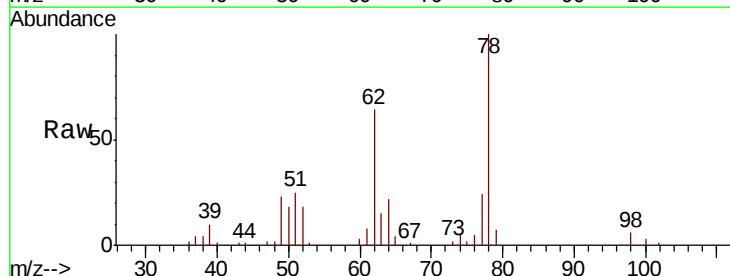
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

Tgt Ion: 41 Resp: 27234
Ion Ratio Lower Upper
41 100
39 53.0 42.9 64.3
67 60.4 52.4 78.6
52 28.1 21.3 31.9



#42
1,2-Dichloroethane
Concen: 19.025 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 62 Resp: 41819
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.0





#43

Isopropyl Acetate

Concen: 19.517 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

VU0924WBS01

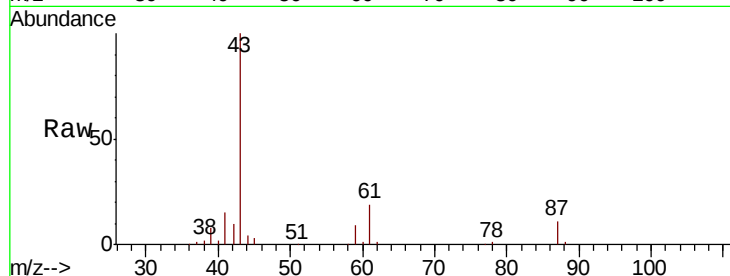
Tgt Ion: 43 Resp: 73742

Ion Ratio Lower Upper

43 100

61 18.9 15.7 23.5

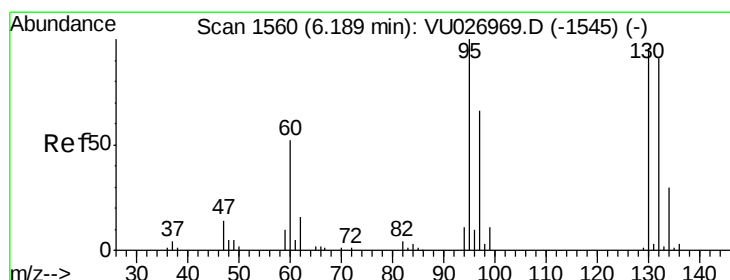
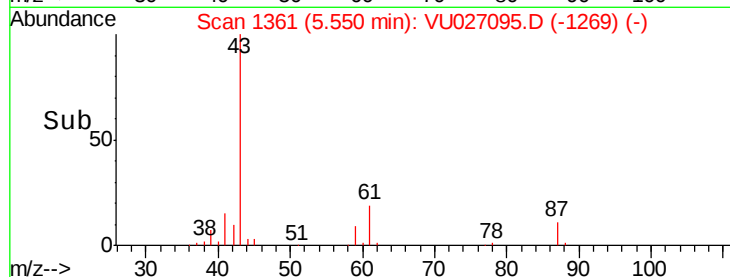
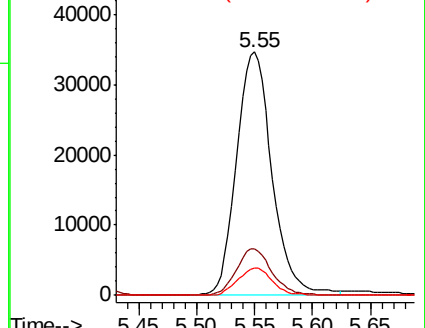
87 10.8 9.0 13.4



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

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

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



#44

Trichloroethene

Concen: 19.034 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027095.D

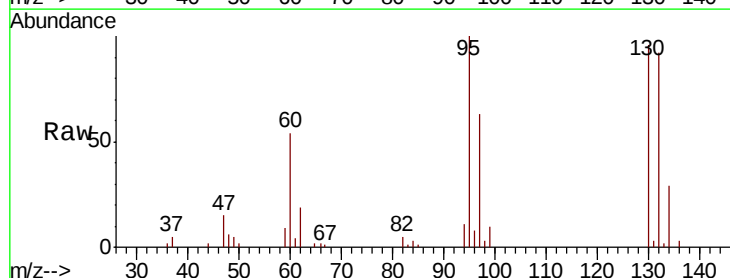
Acq: 24 Sep 2018 09:57

Tgt Ion: 130 Resp: 23576

Ion Ratio Lower Upper

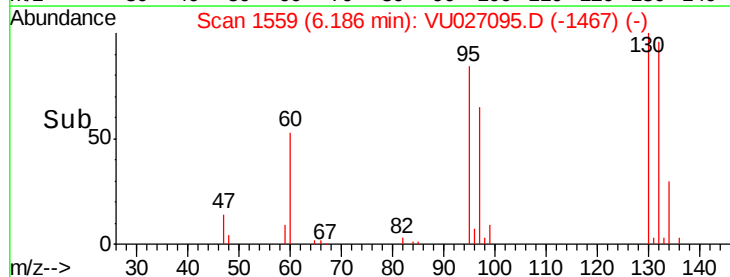
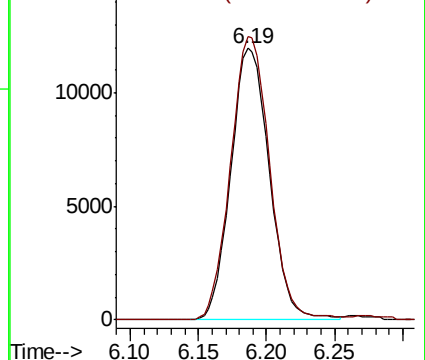
130 100

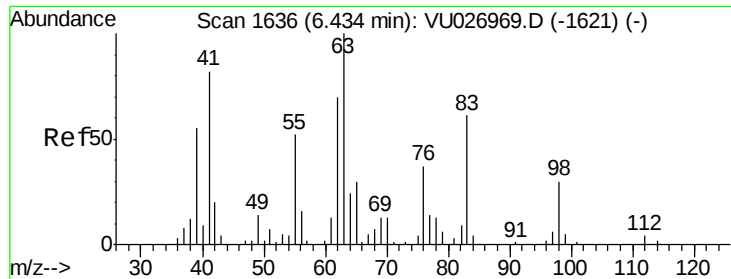
95 104.3 0.0 208.8



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

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

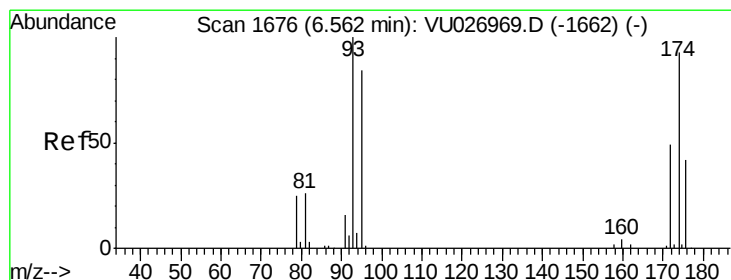
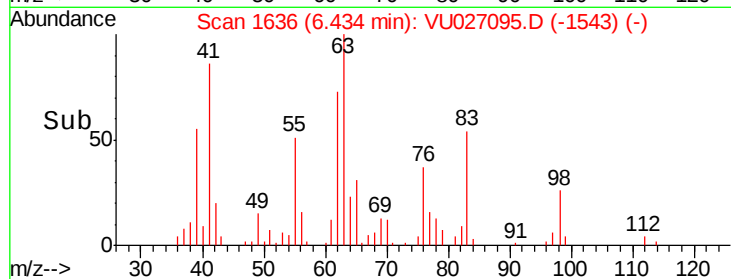
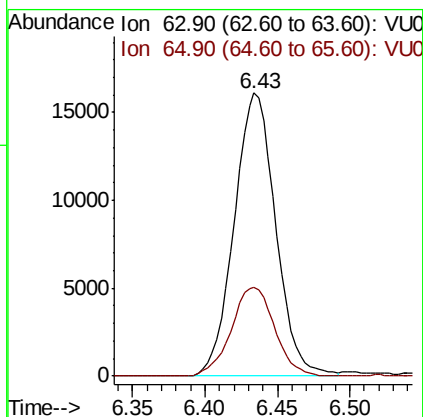
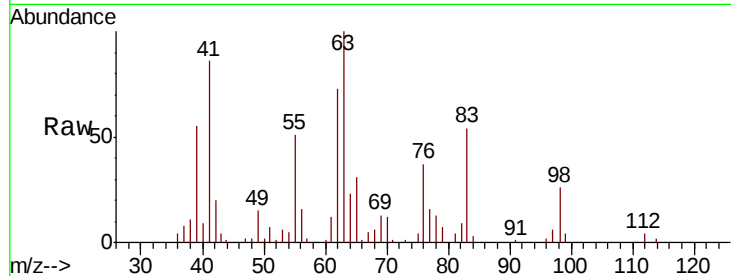




#45
 1,2-Dichloropropane
 Concen: 19.317 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

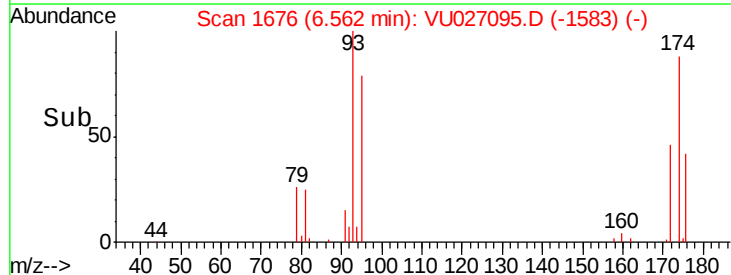
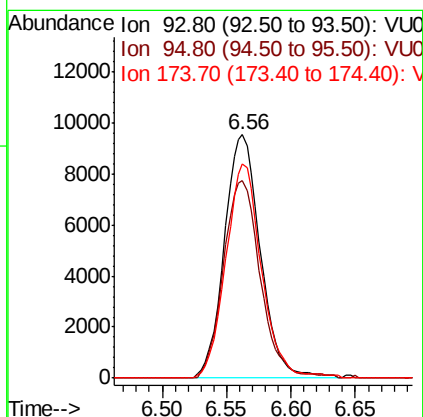
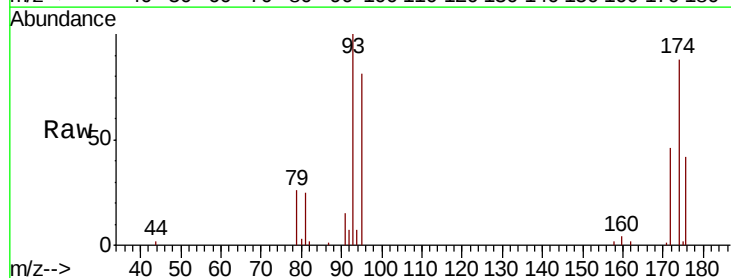
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

Tgt Ion: 63 Resp: 32023
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.3 36.5



#46
 Dibromomethane
 Concen: 18.501 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion: 93 Resp: 18523
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 87.6 71.7 107.5

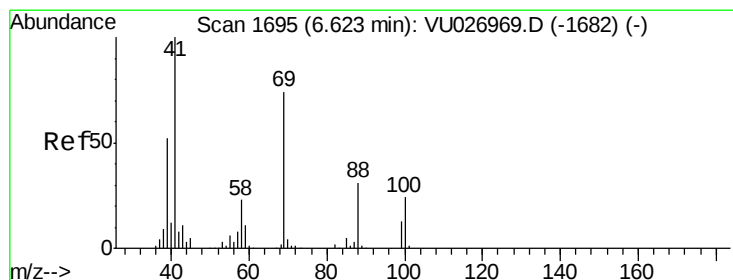
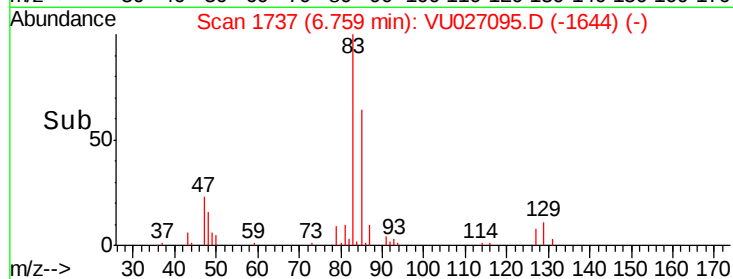
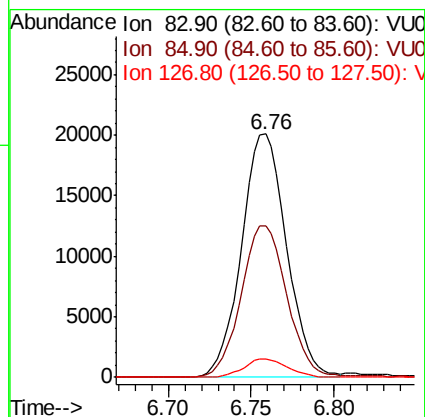
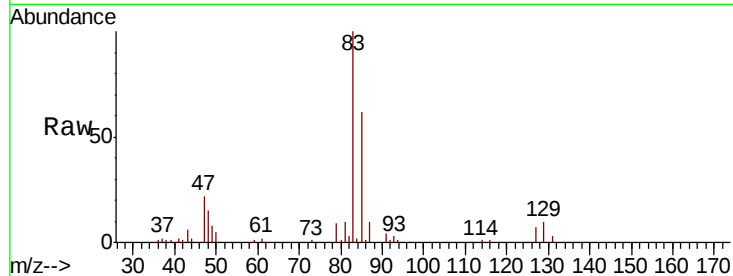




#47
Bromodichloromethane
Concen: 18.764 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

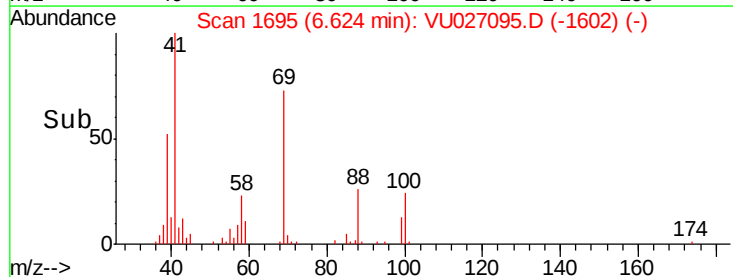
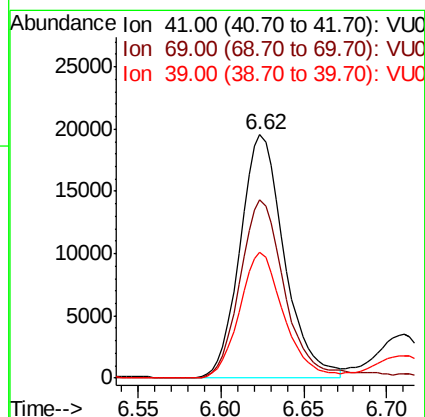
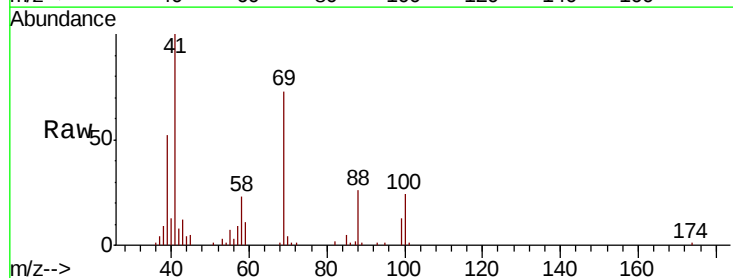
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

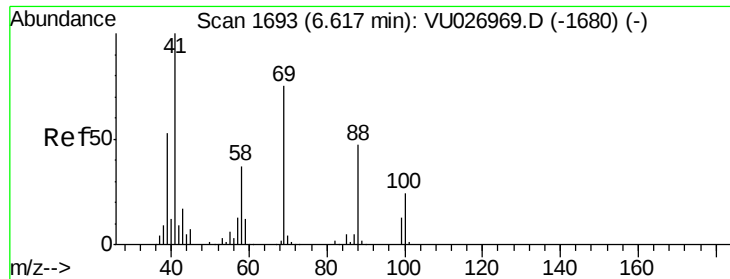
Tgt Ion: 83 Resp: 37986
Ion Ratio Lower Upper
83 100
85 62.4 52.5 78.7
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 18.288 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 41 Resp: 36263
Ion Ratio Lower Upper
41 100
69 75.3 60.6 90.8
39 51.6 42.8 64.2

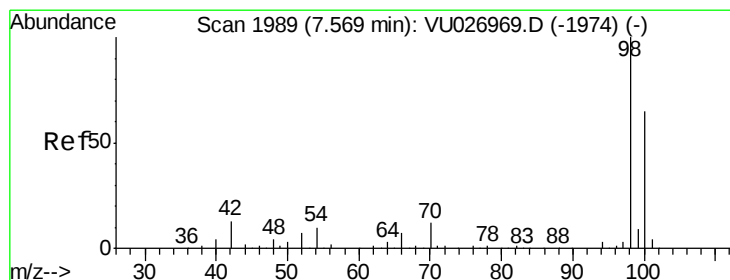
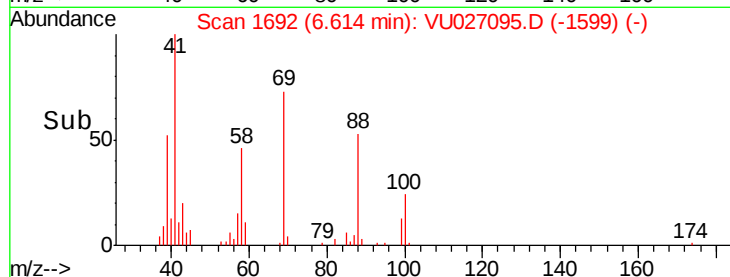
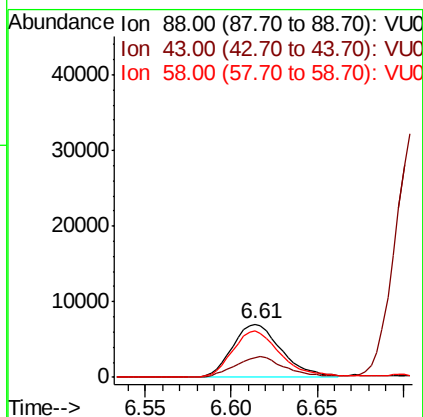
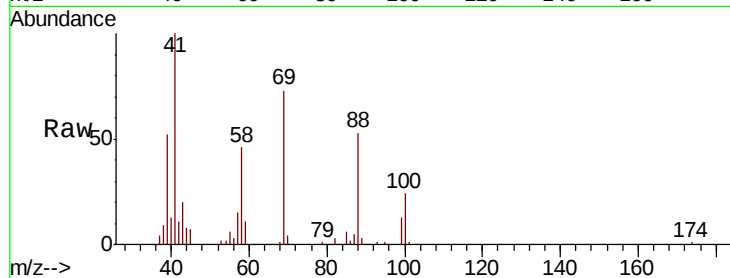




#49
1,4-Dioxane
Concen: 340.844 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

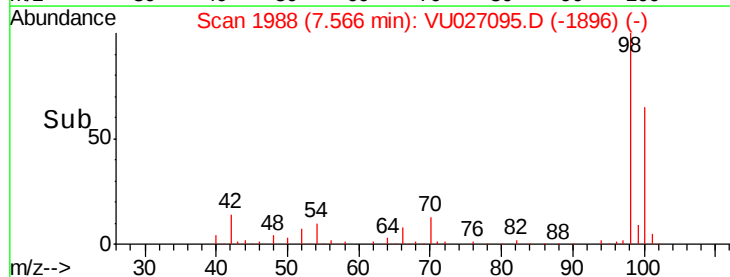
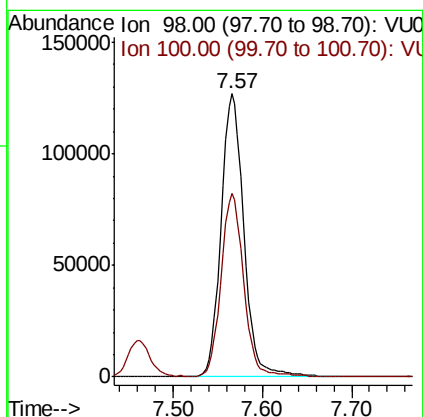
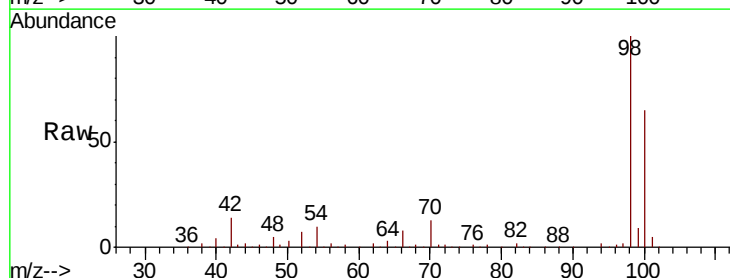
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

Tgt Ion: 88 Resp: 13967
Ion Ratio Lower Upper
88 100
43 40.6 29.8 44.8
58 86.6 63.9 95.9



#50
Toluene-d8
Concen: 47.433 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 98 Resp: 224691
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

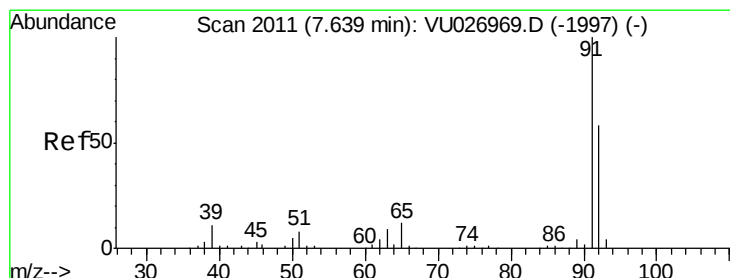
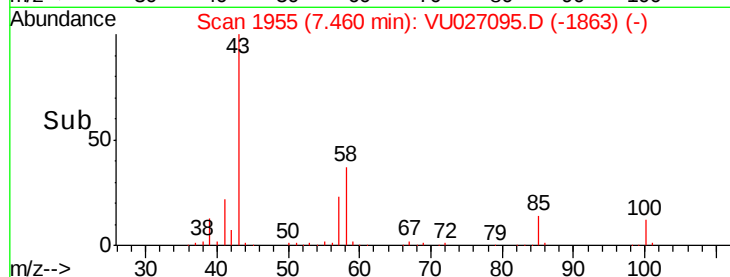
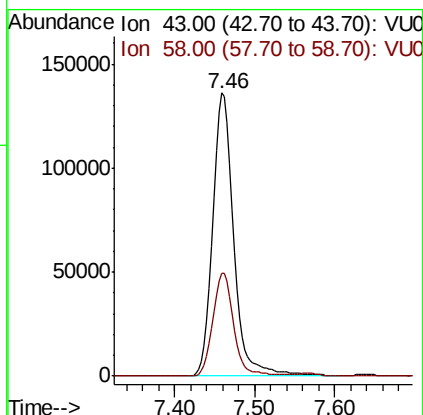
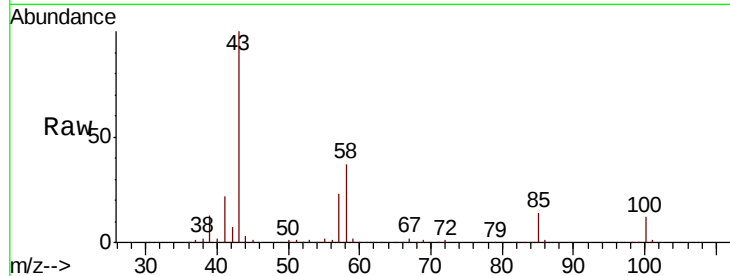




#51
 4-Methyl-2-Pentanone
 Concen: 98.413 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

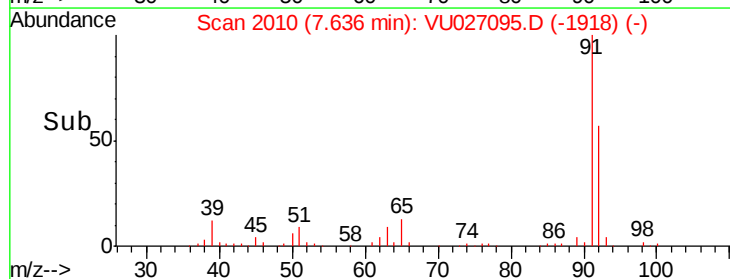
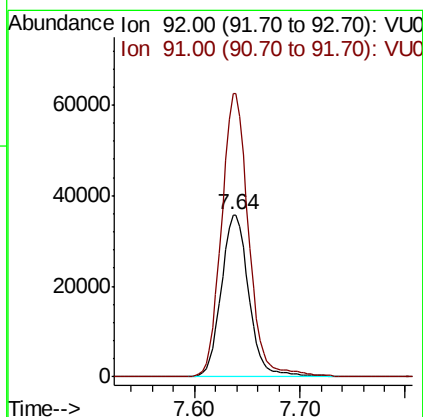
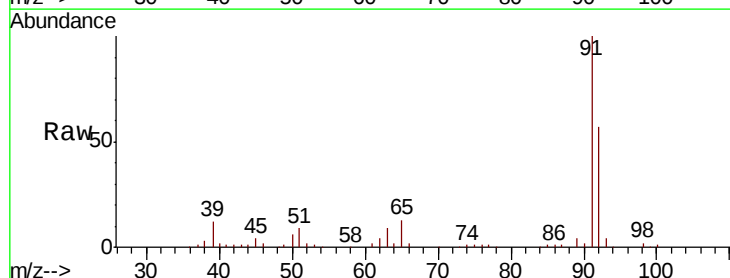
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

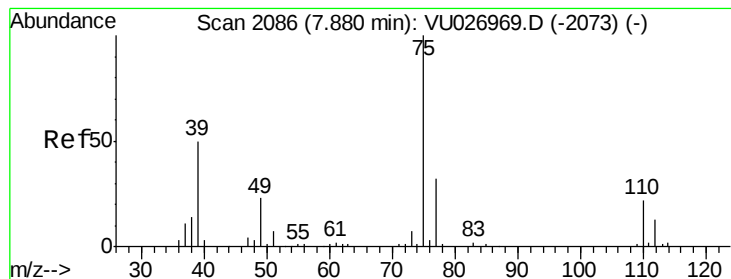
Tgt Ion: 43 Resp: 250086
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.8 44.6



#52
 Toluene
 Concen: 19.484 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion: 92 Resp: 64976
 Ion Ratio Lower Upper
 92 100
 91 172.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.552 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

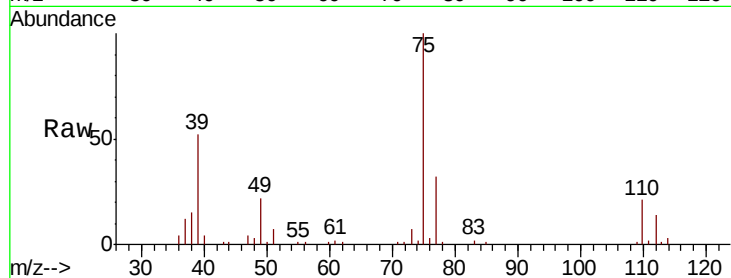
VU0924WBS01

Tgt Ion: 75 Resp: 42527

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9



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

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

7.88

25000

20000

15000

10000

5000

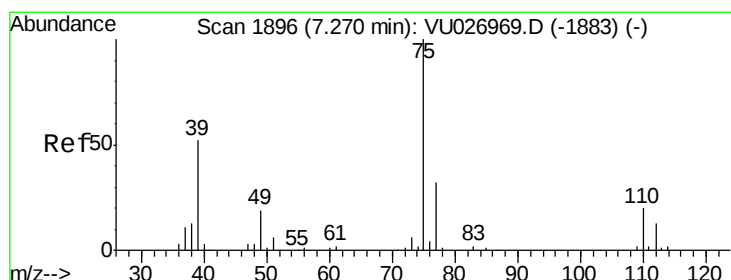
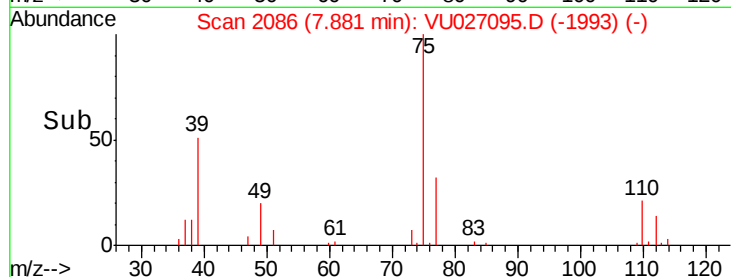
0

7.80

7.90

8.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.557 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

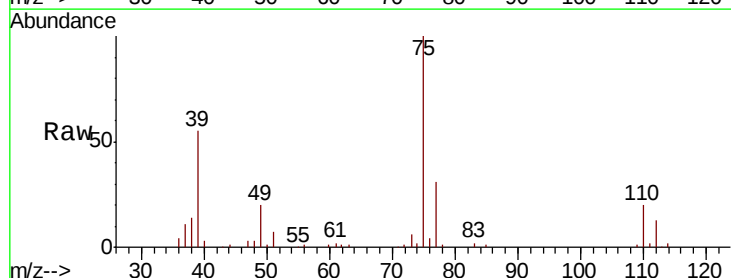
Tgt Ion: 75 Resp: 46773

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 54.9 41.6 62.4



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

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

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

7.27

30000

20000

10000

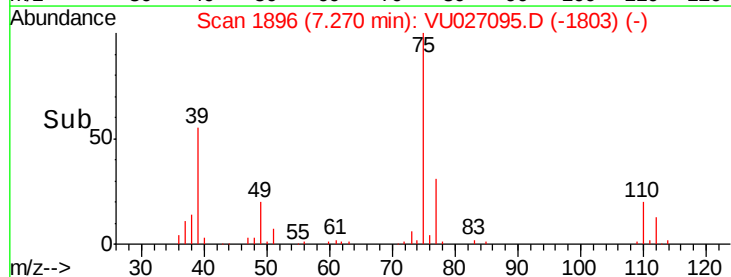
0

7.20

7.30

7.40

Time-->

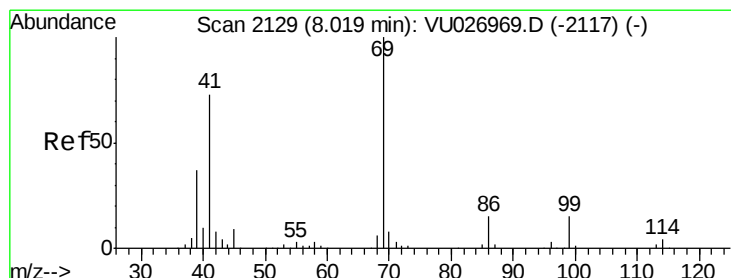
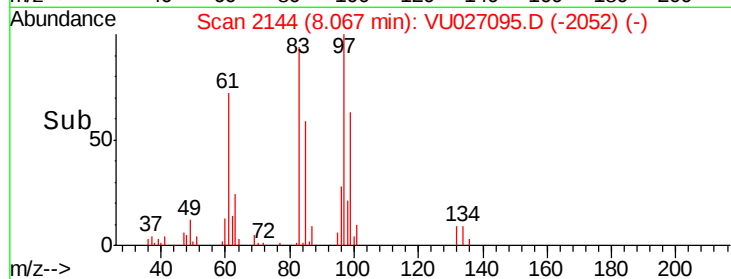
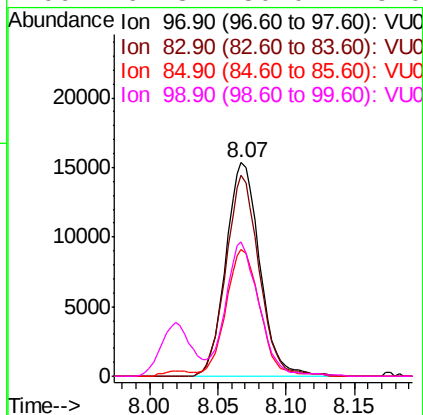
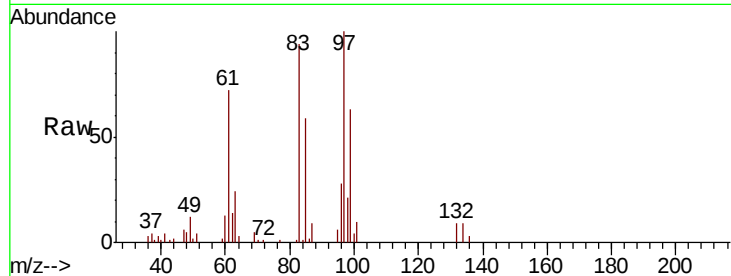




#55
 1,1,2-Trichloroethane
 Concen: 18.827 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

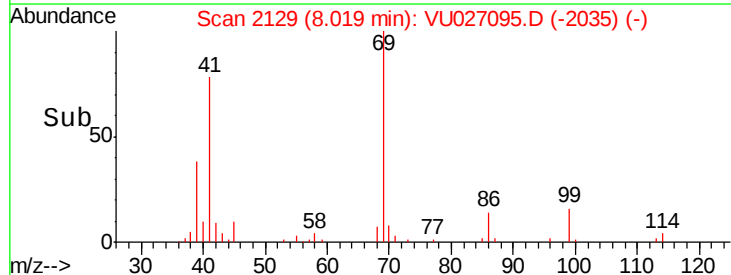
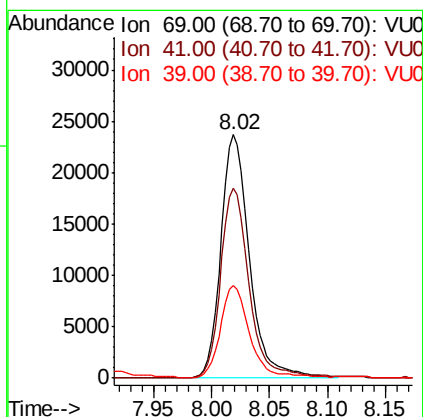
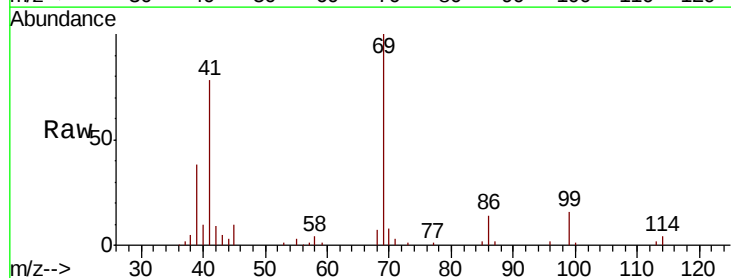
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

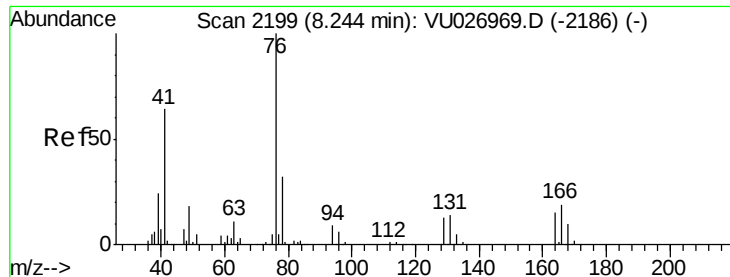
Tgt Ion:	97	Resp:	26604
Ion	Ratio	Lower	Upper
97	100		
83	93.9	73.1	109.7
85	59.5	46.7	70.1
99	62.3	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.034 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion:	69	Resp:	40620
Ion	Ratio	Lower	Upper
69	100		
41	78.2	59.0	88.4
39	39.1	30.2	45.4

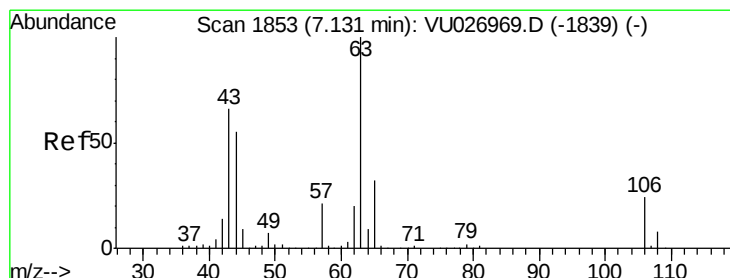
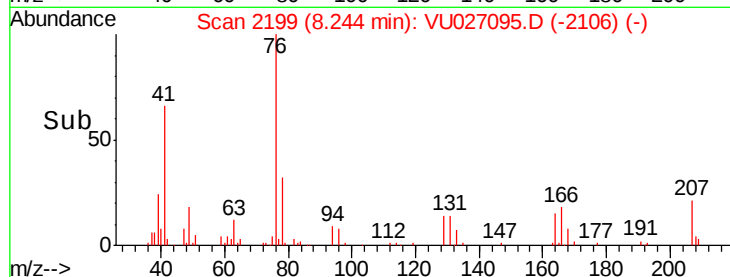
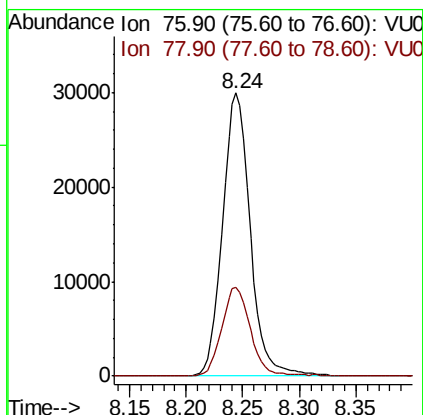
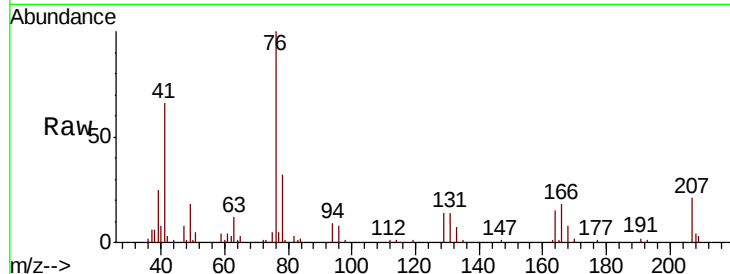




#57
 1,3-Dichloropropane
 Concen: 19.441 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

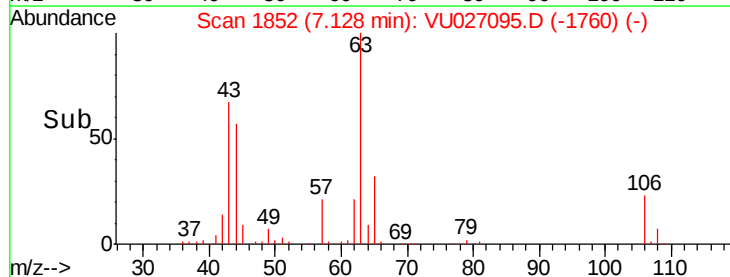
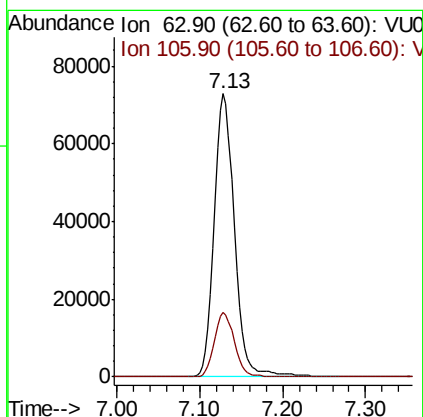
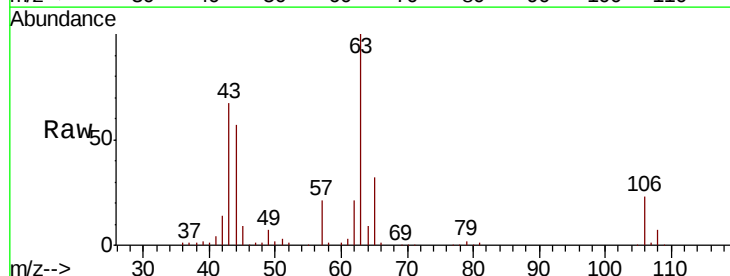
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

Tgt Ion: 76 Resp: 51094
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.313 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion: 63 Resp: 124098
 Ion Ratio Lower Upper
 63 100
 106 22.7 18.7 28.1

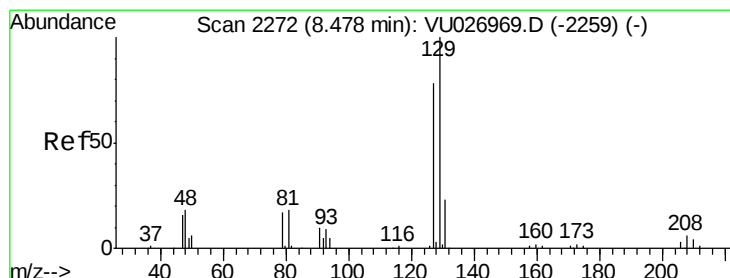
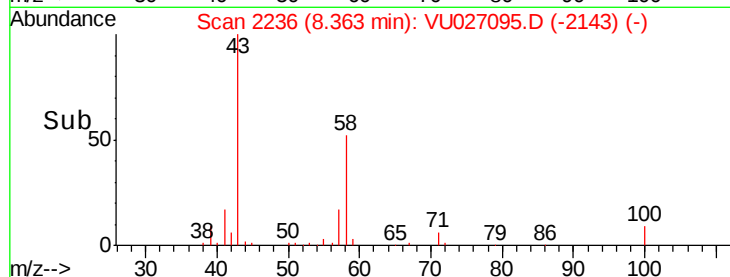
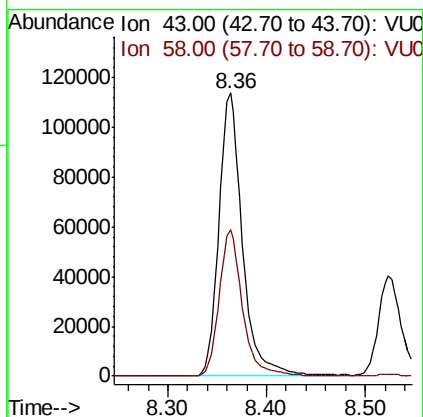
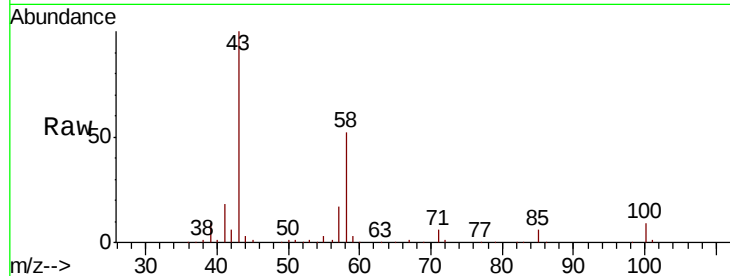




#59
2-Hexanone
Concen: 96.106 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

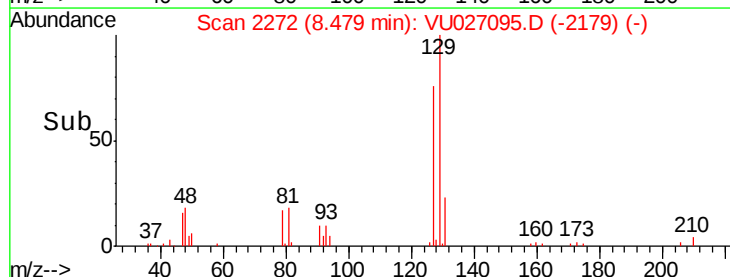
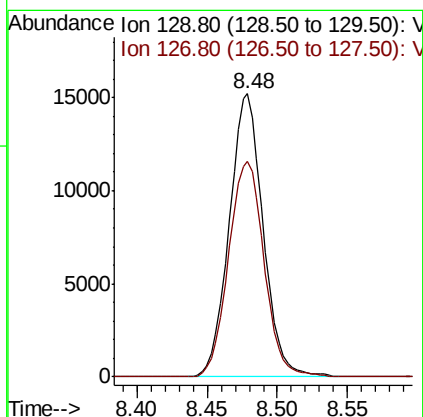
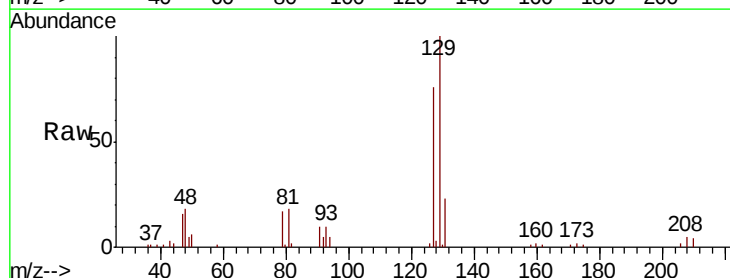
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

Tgt Ion: 43 Resp: 191173
Ion Ratio Lower Upper
43 100
58 50.9 26.1 78.2



#60
Dibromochloromethane
Concen: 18.397 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 129 Resp: 25499
Ion Ratio Lower Upper
129 100
127 80.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 18.344 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

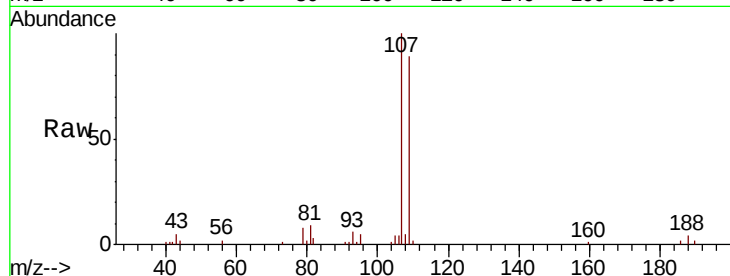
VU0924WBS01

Tgt Ion: 107 Resp: 26971

Ion Ratio Lower Upper

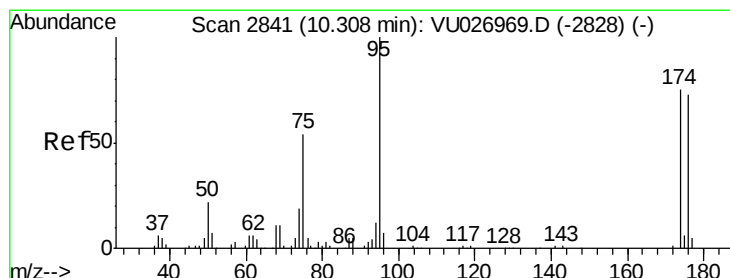
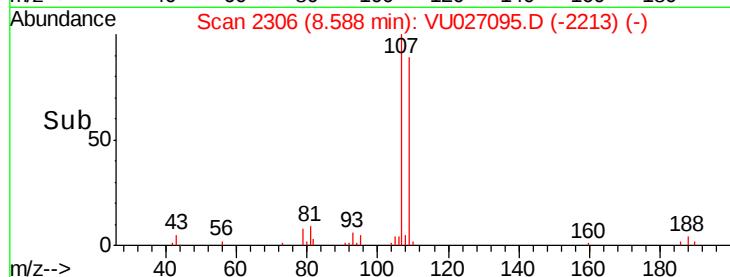
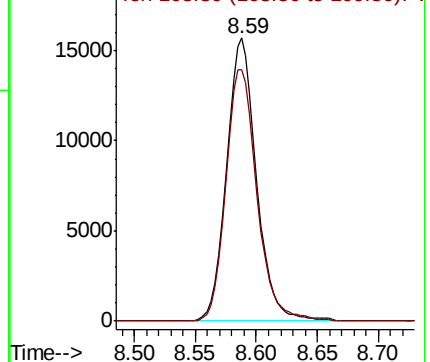
107 100

109 92.5 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: 48.744 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

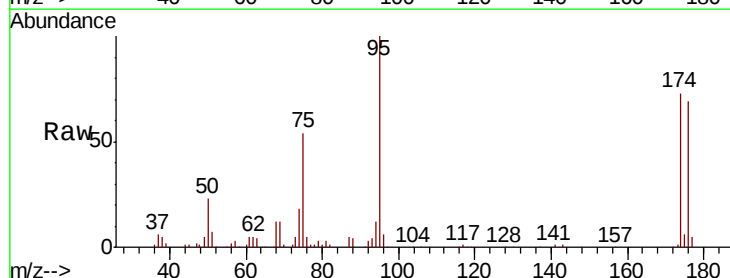
Tgt Ion: 95 Resp: 79230

Ion Ratio Lower Upper

95 100

174 72.1 0.0 150.2

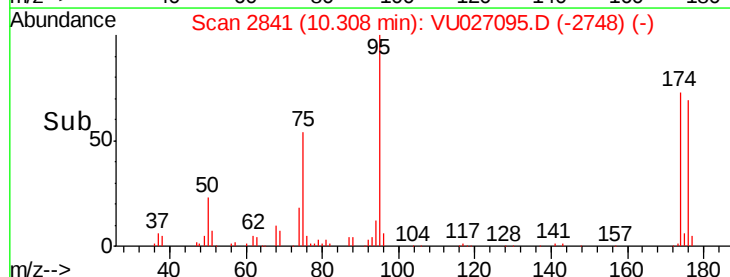
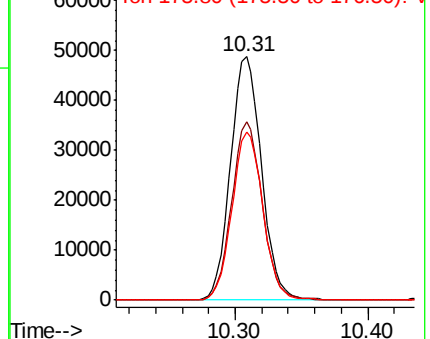
176 68.7 0.0 145.2



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

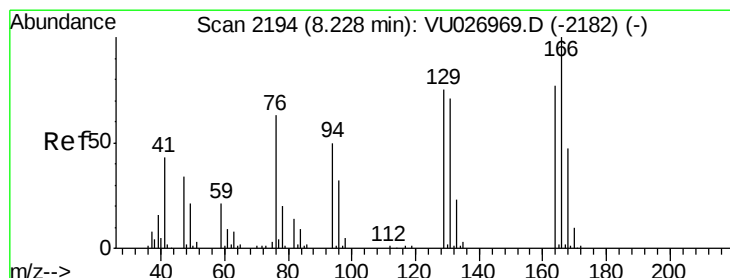
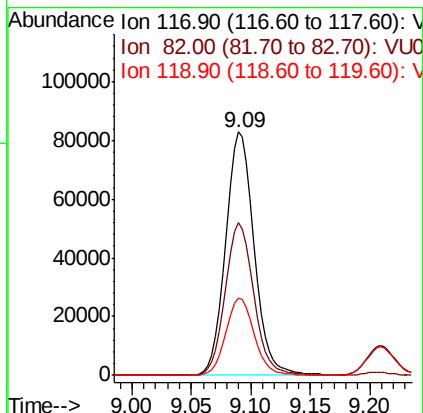
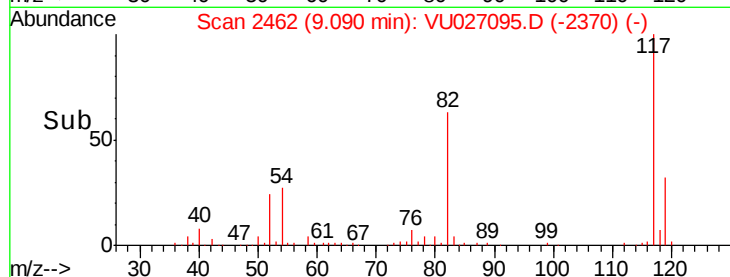
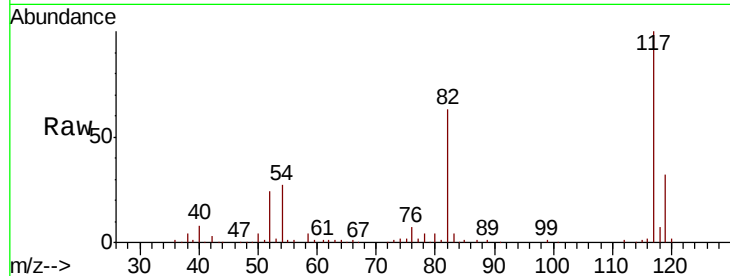




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

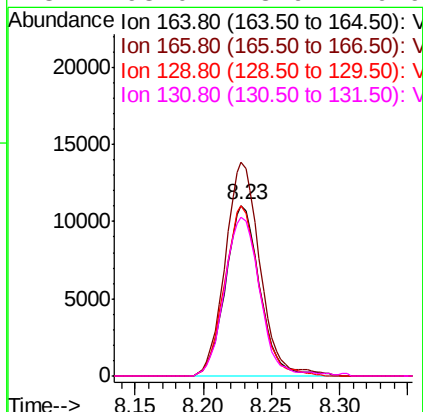
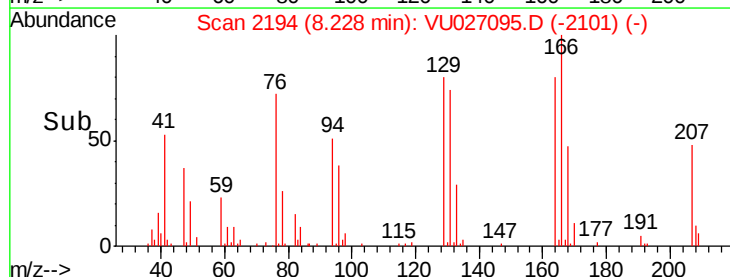
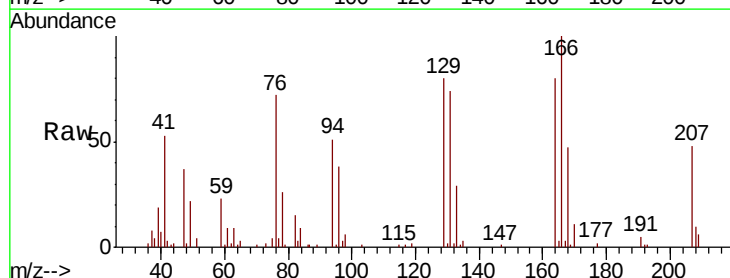
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

Tgt Ion:117 Resp: 137972
Ion Ratio Lower Upper
117 100
82 62.7 48.0 72.0
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 18.149 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion:164 Resp: 19296
Ion Ratio Lower Upper
164 100
166 125.4 104.4 156.6
129 100.2 78.7 118.1
131 93.0 73.9 110.9

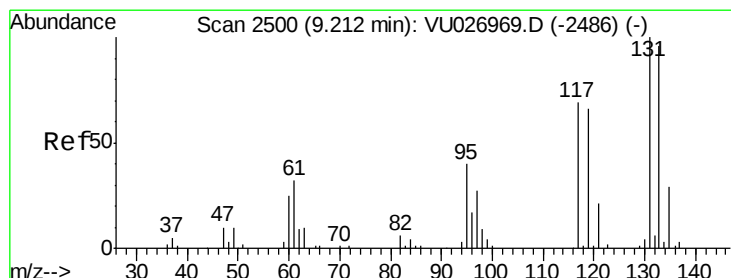
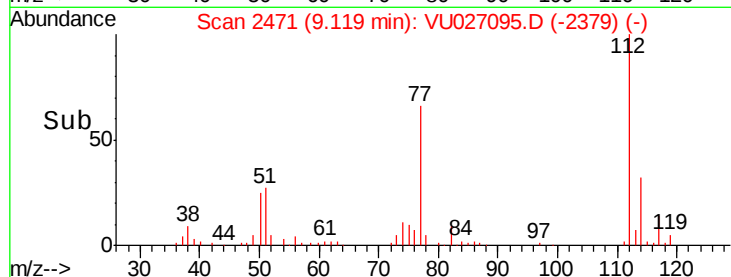
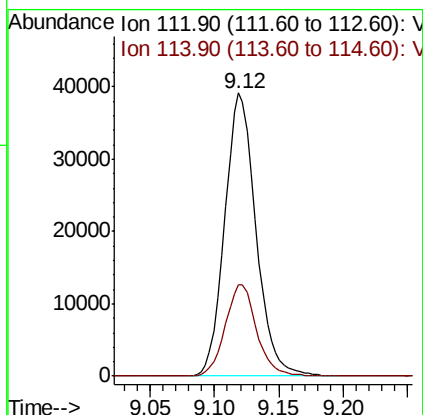
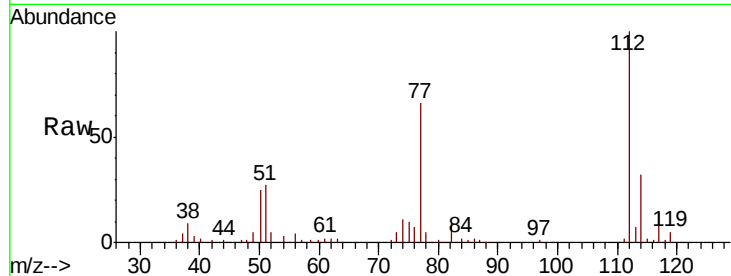




#65
Chlorobenzene
Concen: 17.993 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

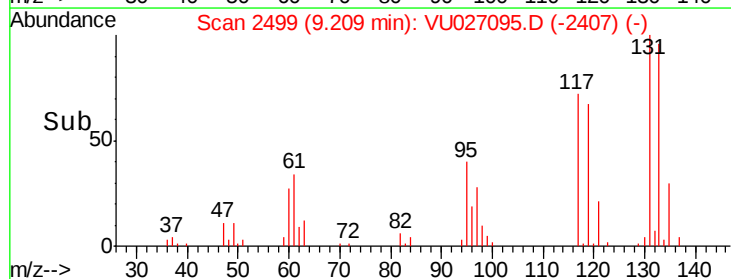
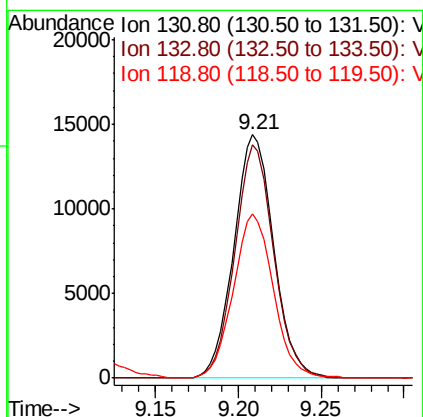
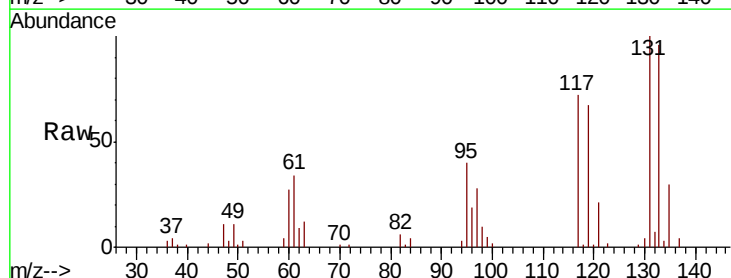
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

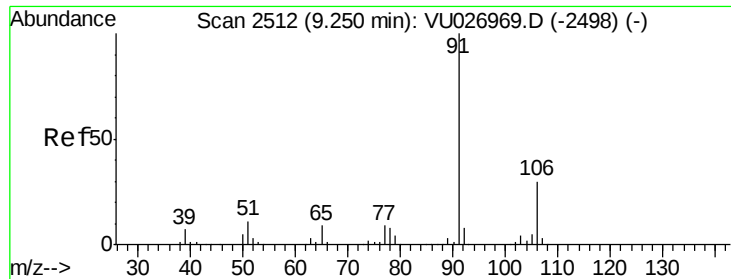
Tgt Ion:112 Resp: 65826
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.093 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion:131 Resp: 24059
Ion Ratio Lower Upper
131 100
133 93.3 48.0 144.2
119 67.8 33.4 100.1

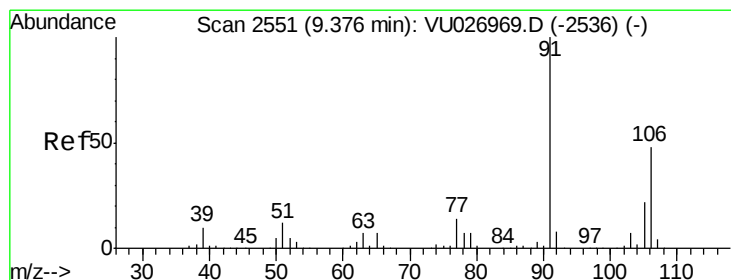
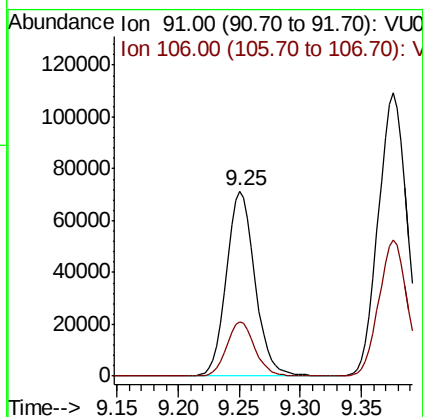
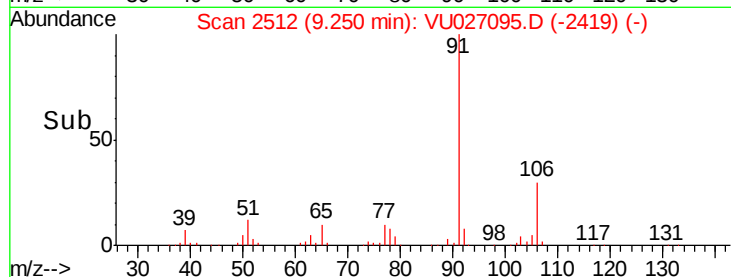
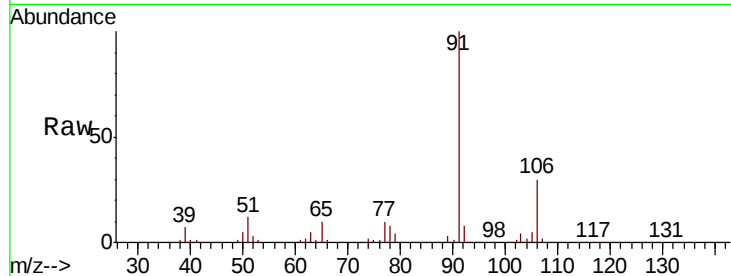




#67
Ethyl Benzene
Concen: 19.492 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

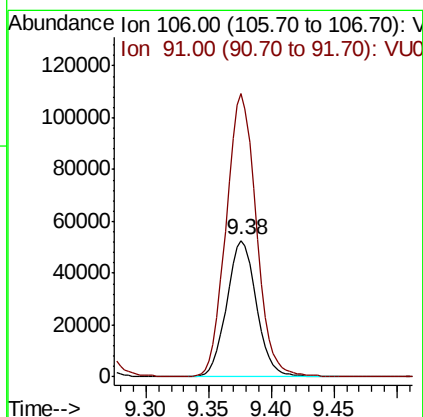
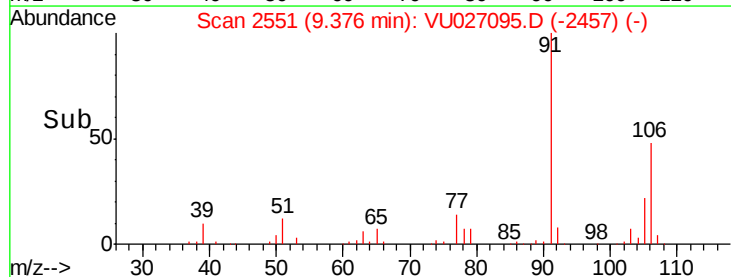
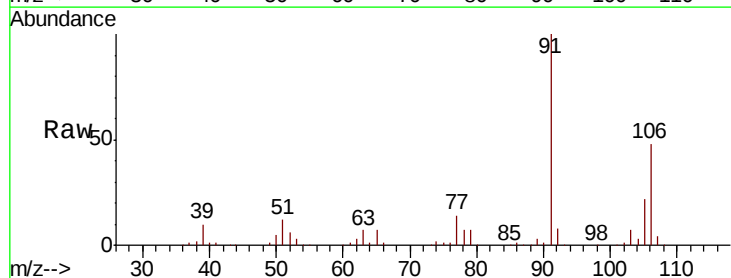
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

Tgt Ion: 91 Resp: 117259
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8



#68
m/p-Xylenes
Concen: 36.588 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 106 Resp: 86784
Ion Ratio Lower Upper
106 100
91 210.8 166.5 249.7

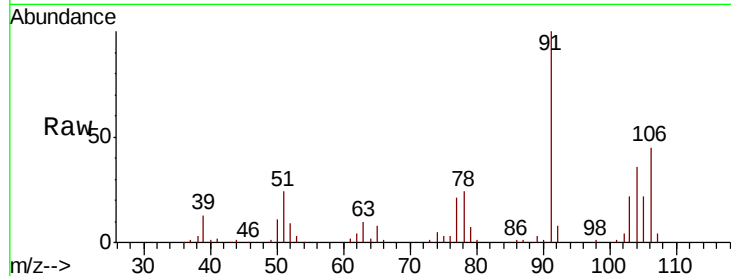




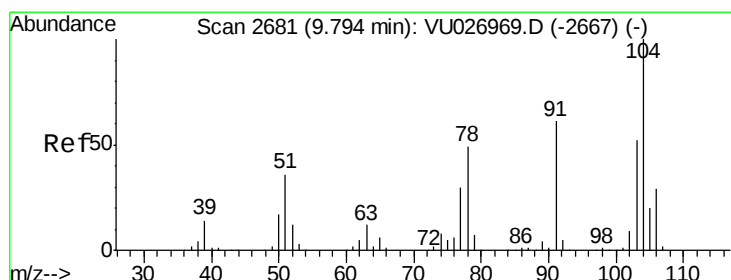
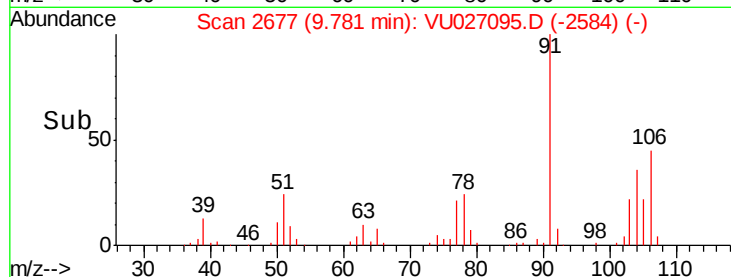
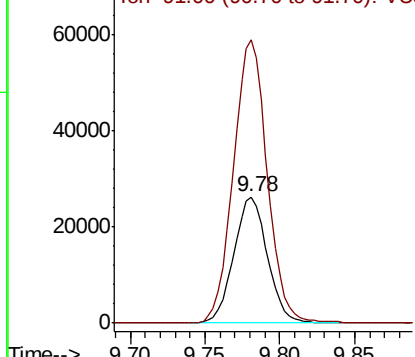
#69
o-Xylene
Concen: 19.270 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

Tgt Ion:106 Resp: 41074
Ion Ratio Lower Upper
106 100
91 225.6 110.2 330.6

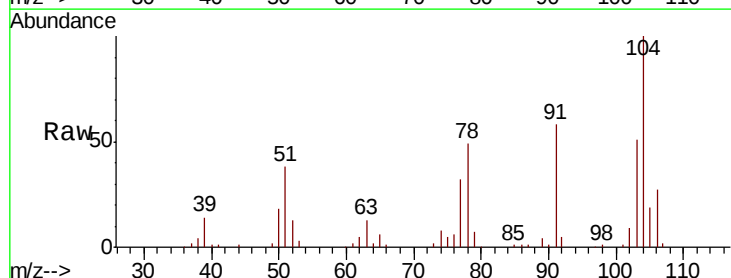


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

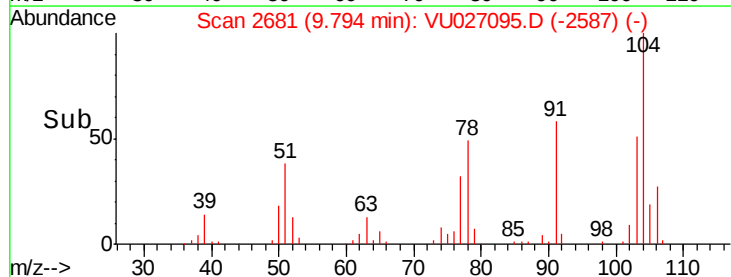
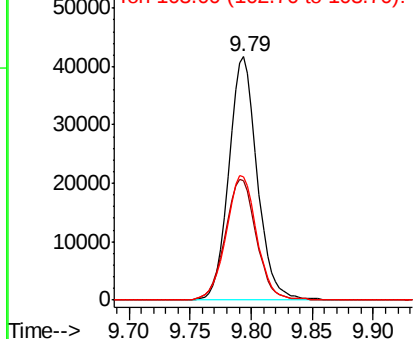


#70
Styrene
Concen: 18.250 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion:104 Resp: 67885
Ion Ratio Lower Upper
104 100
78 54.6 43.0 64.4
103 55.3 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: 18.340 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

VU0924WBS01

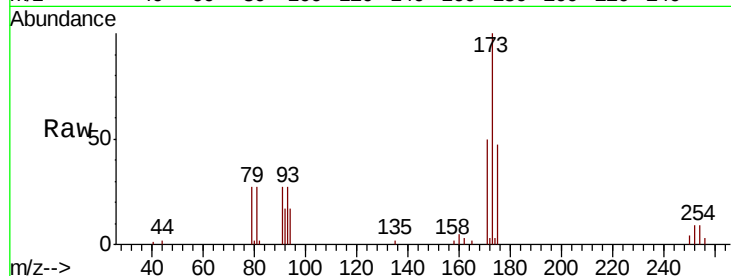
Tgt Ion:173 Resp: 17871

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.8

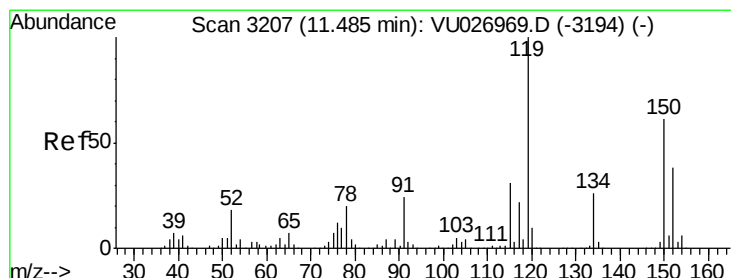
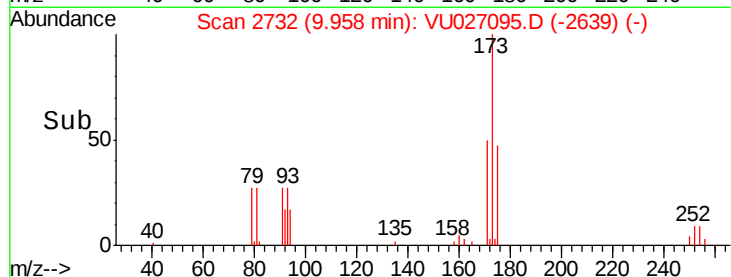
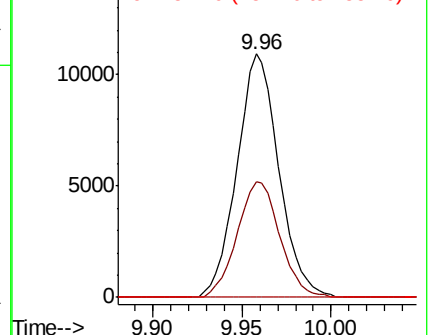
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

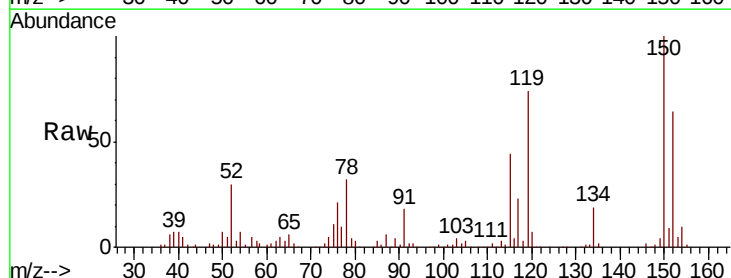
Tgt Ion:152 Resp: 72840

Ion Ratio Lower Upper

152 100

115 71.7 44.9 134.5

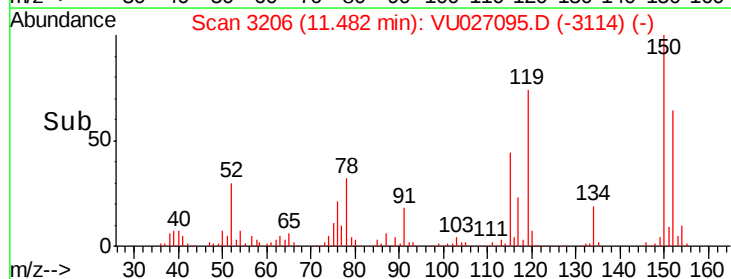
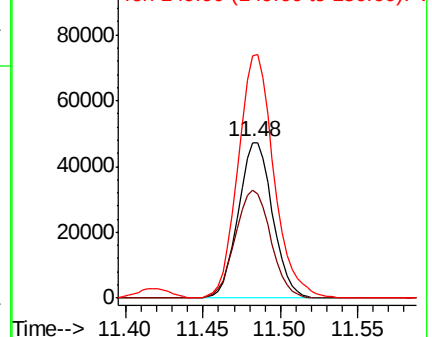
150 162.5 0.0 355.8

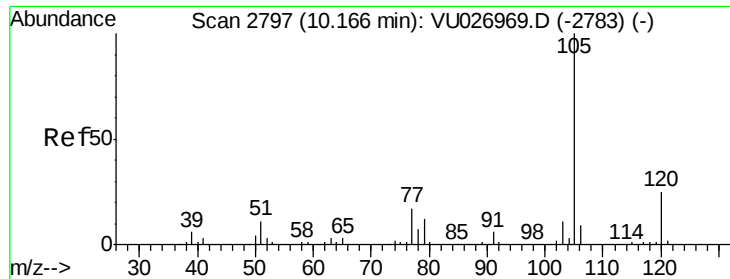


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.254 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

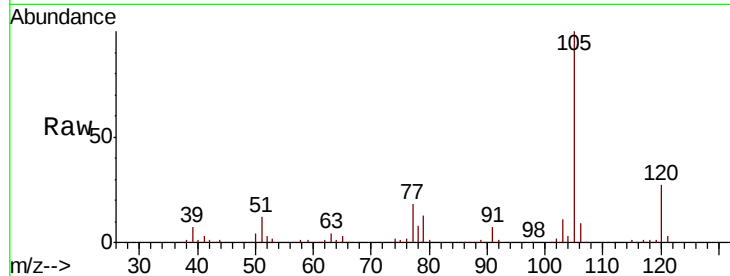
VU0924WBS01

Tgt Ion: 105 Resp: 112224

Ion Ratio Lower Upper

105 100

120 26.0 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

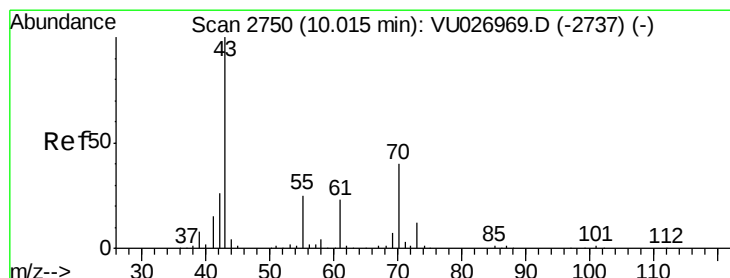
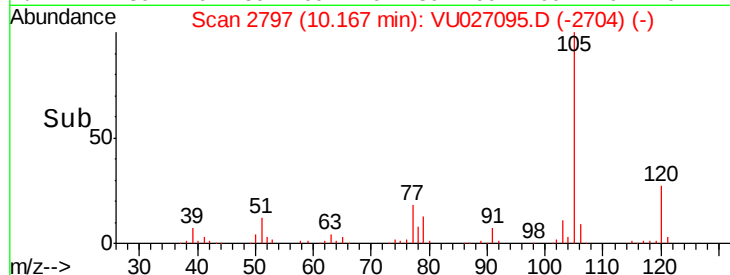
40000

20000

0

Time-->

10.10 10.15 10.20 10.25



#74

N-ethyl acetate

Concen: 19.737 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Tgt Ion: 43 Resp: 63301

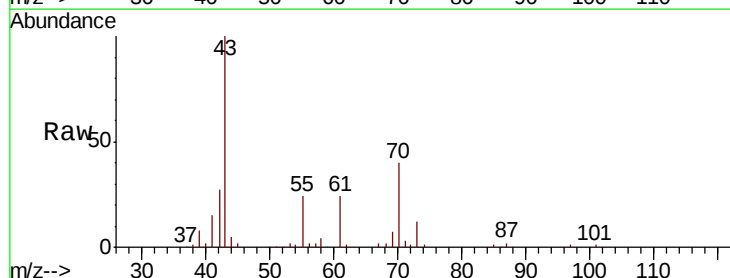
Ion Ratio Lower Upper

43 100

70 38.2 31.8 47.8

55 24.7 19.9 29.9

61 22.6 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

60000

50000

40000

30000

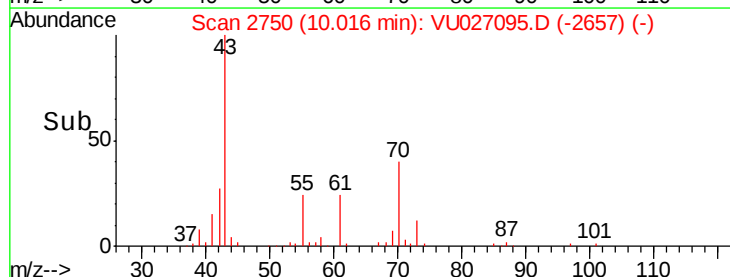
20000

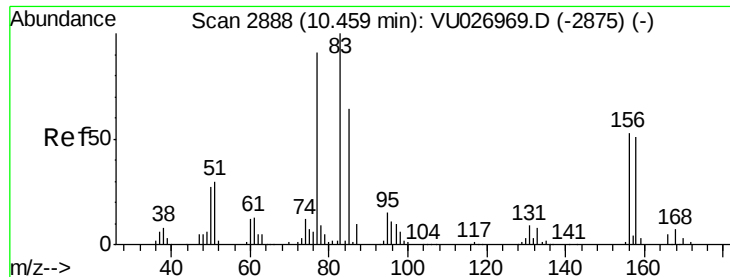
10000

0

Time-->

10.00 10.05 10.10





#75

1,1,2,2-Tetrachloroethane

Concen: 17.818 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

VU0924WBS01

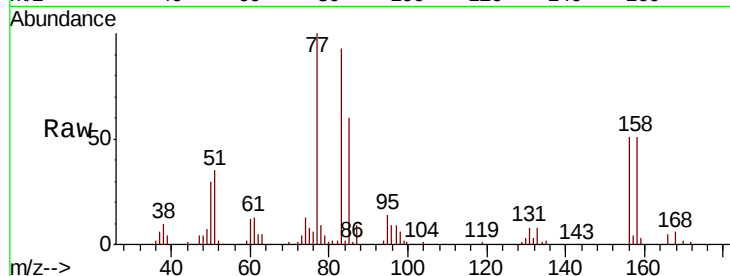
Tgt Ion: 83 Resp: 45391

Ion Ratio Lower Upper

83 100

131 8.3 4.3 12.8

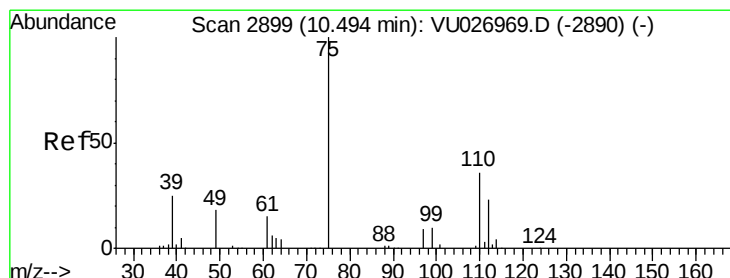
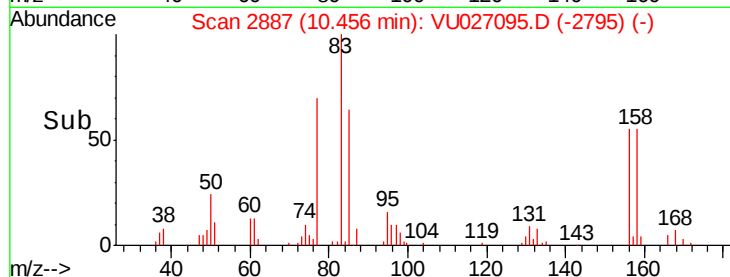
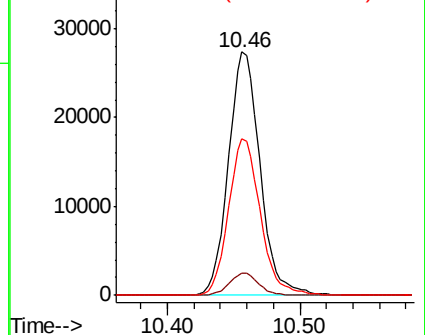
85 64.7 31.9 95.7



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

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

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



#76

1,2,3-Trichloropropane

Concen: 24.810 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027095.D

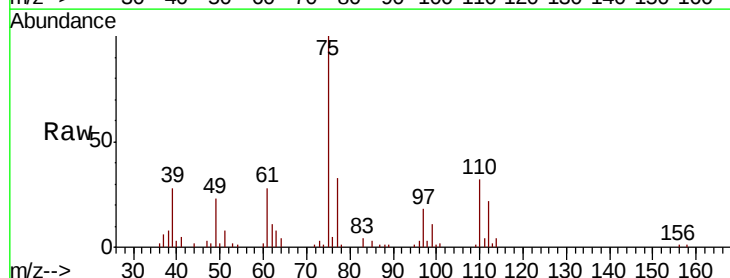
Acq: 24 Sep 2018 09:57

Tgt Ion: 75 Resp: 54901

Ion Ratio Lower Upper

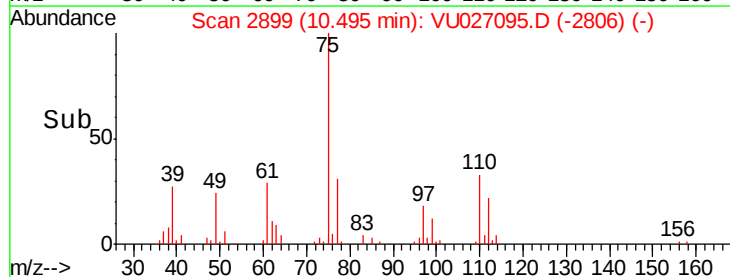
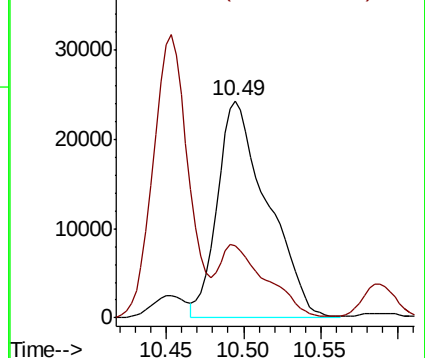
75 100

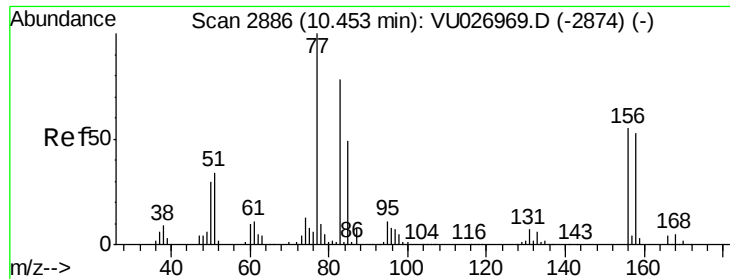
77 32.0 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2890) (-)





#77

Bromobenzene

Concen: 18.574 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027095.D

Acq: 24 Sep 2018 09:57

Instrument :

MSVOA_U

ClientSampleId :

VU0924WBS01

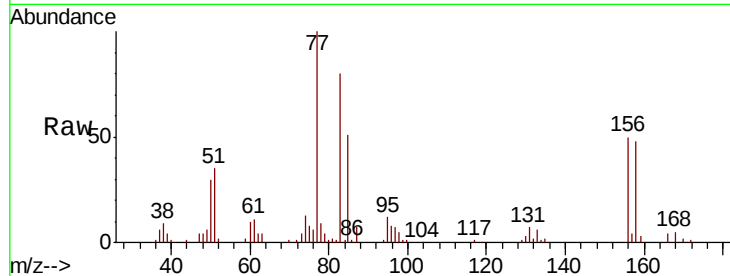
Tgt Ion:156 Resp: 25149

Ion Ratio Lower Upper

156 100

77 199.7 92.3 276.9

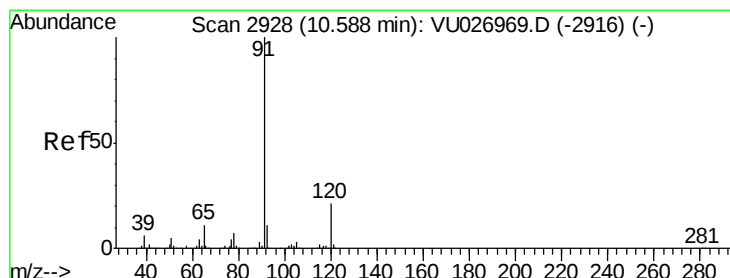
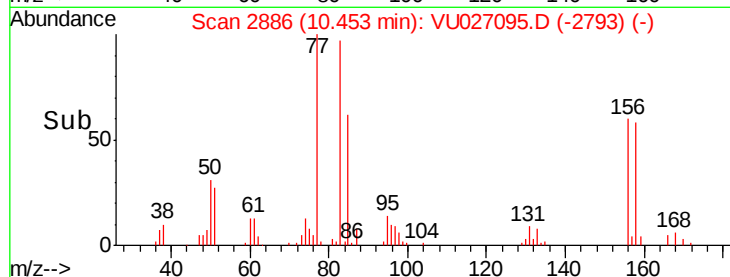
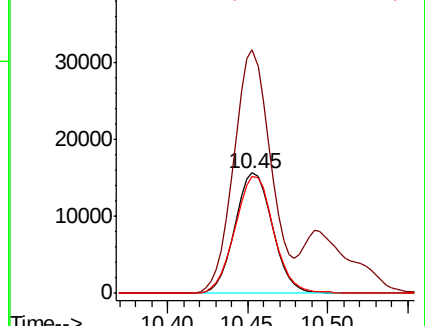
158 99.6 48.1 144.3



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: 20.765 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027095.D

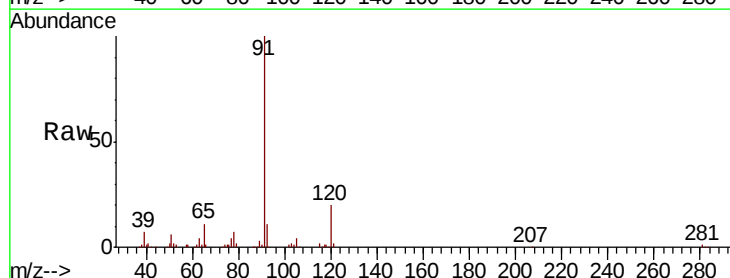
Acq: 24 Sep 2018 09:57

Tgt Ion: 91 Resp: 136136

Ion Ratio Lower Upper

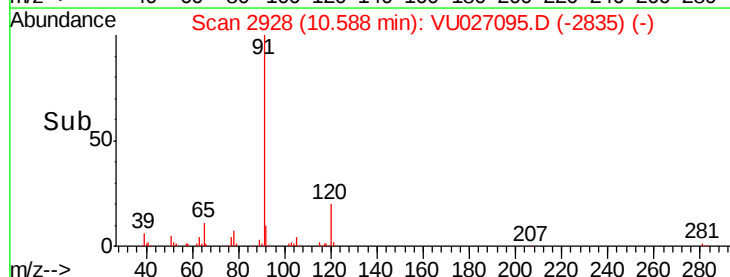
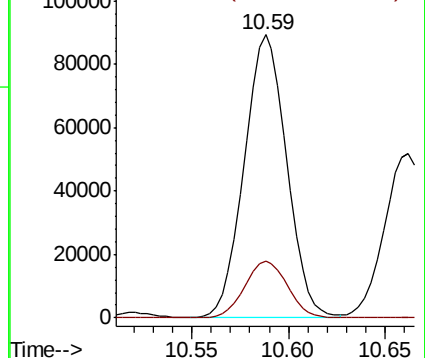
91 100

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

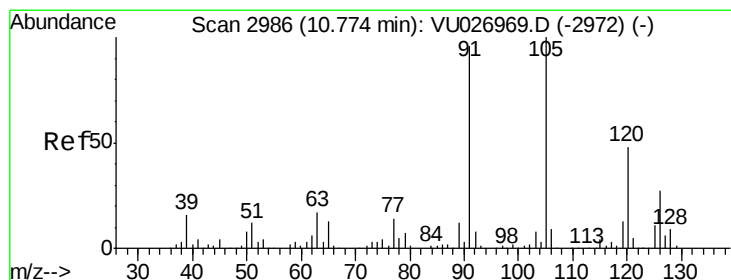
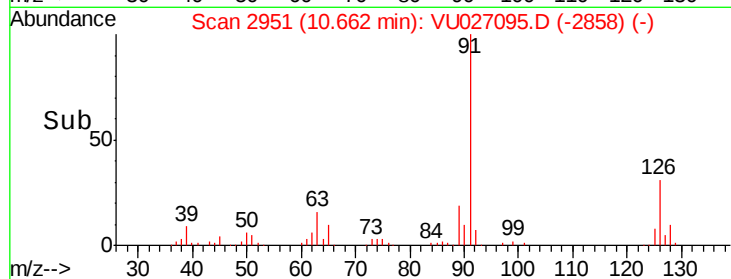
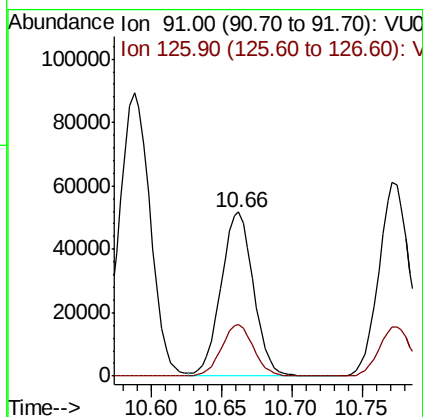
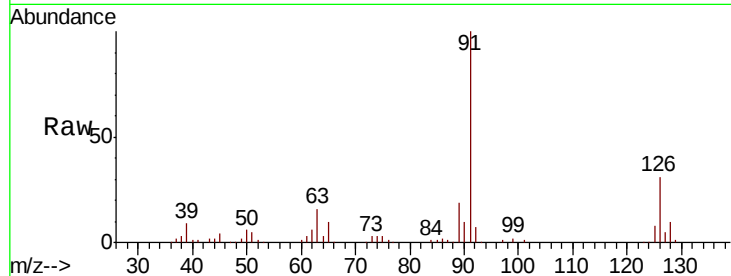




#79
 2-Chlorotoluene
 Concen: 20.166 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

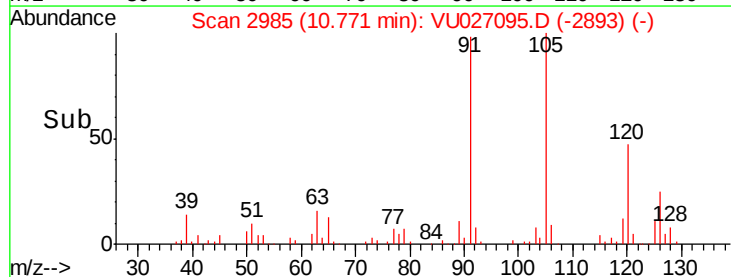
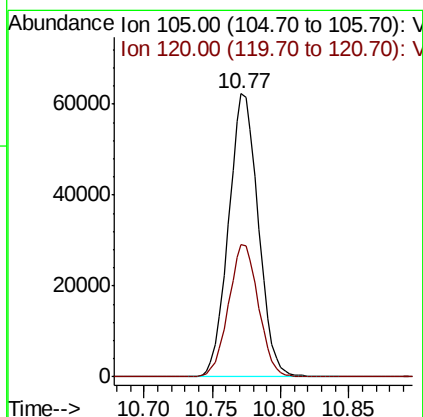
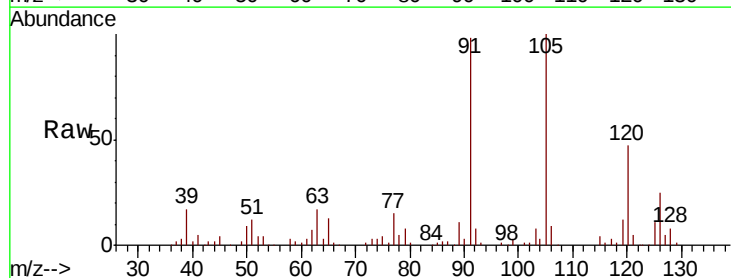
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

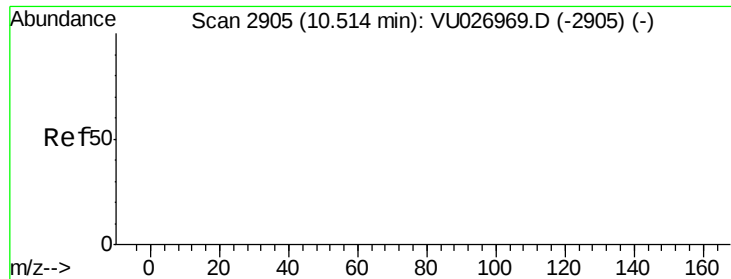
Tgt Ion: 91 Resp: 83045
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.644 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion: 105 Resp: 94421
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.9 71.7

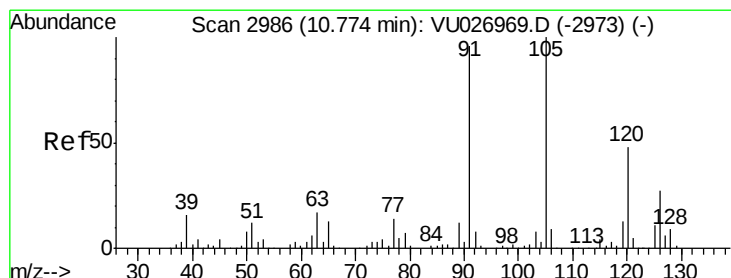
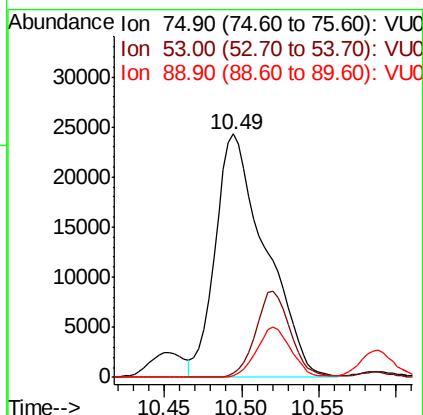
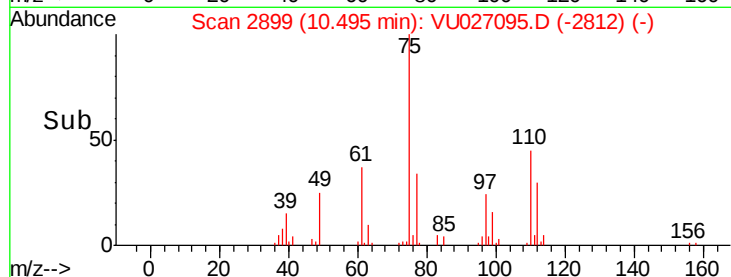
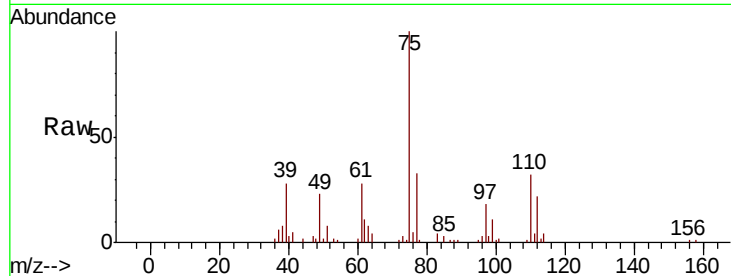




#81
trans-1,4-Dichloro-2-butene
Concen: 79.396 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

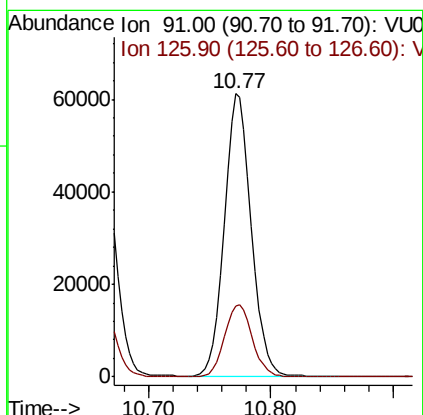
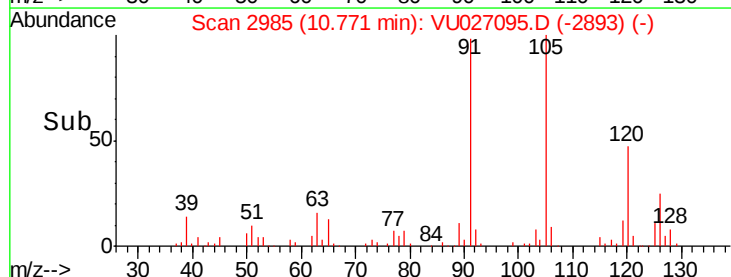
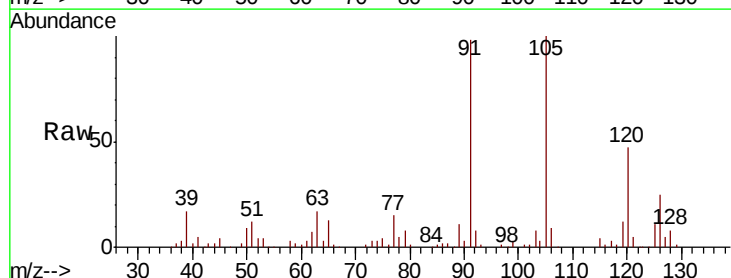
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

Tgt Ion: 75 Resp: 54901
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.581 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 91 Resp: 95033
Ion Ratio Lower Upper
91 100
126 26.3 14.1 42.2

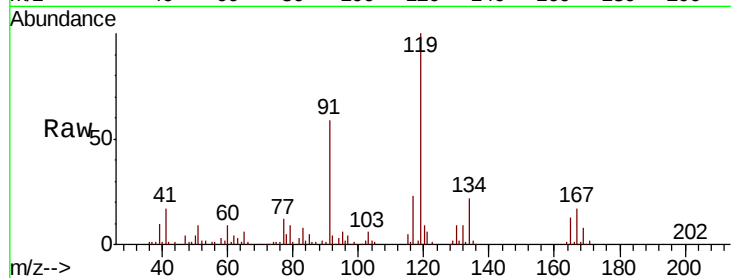




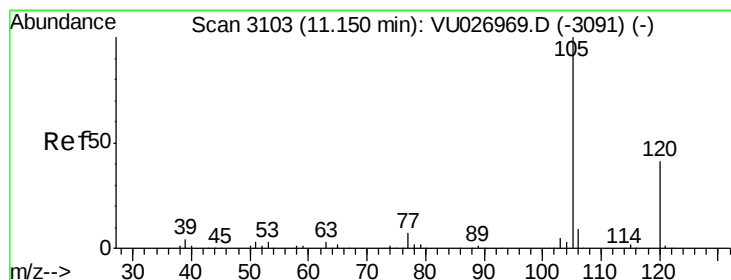
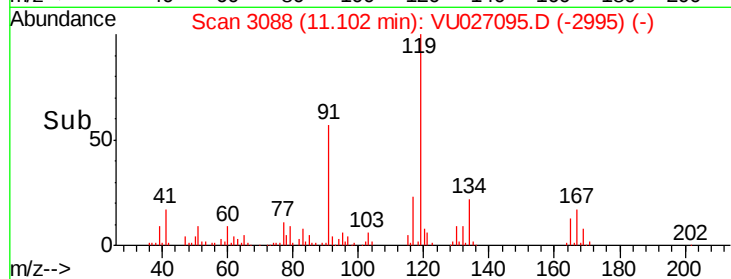
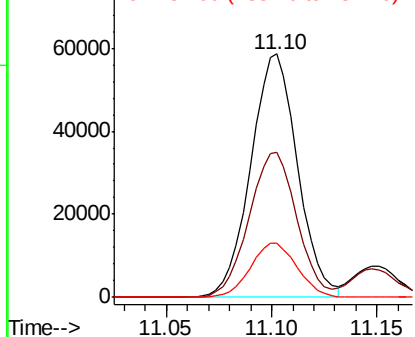
#83
 tert-Butylbenzene
 Concen: 20.041 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

Tgt Ion:119 Resp: 90623
 Ion Ratio Lower Upper
 119 100
 91 60.5 29.8 89.4
 134 22.2 11.5 34.4

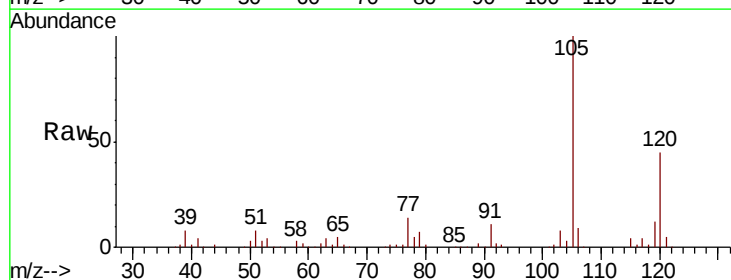


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

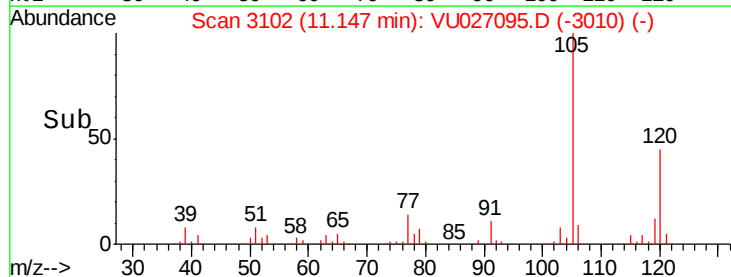
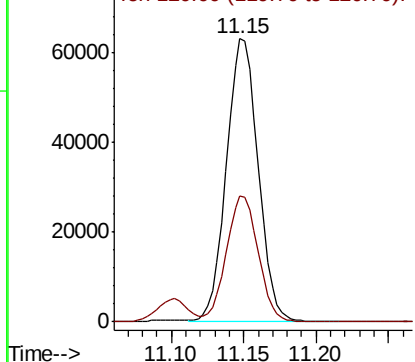


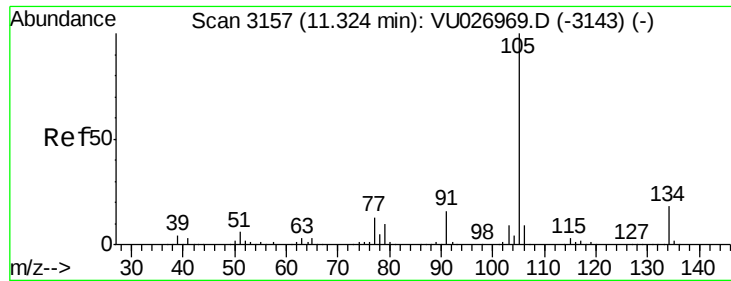
#84
 1,2,4-Trimethylbenzene
 Concen: 20.652 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion:105 Resp: 96130
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.2



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

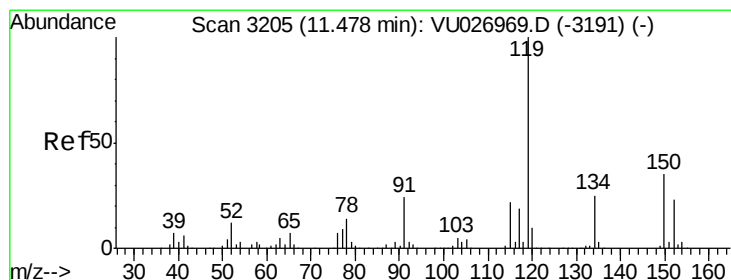
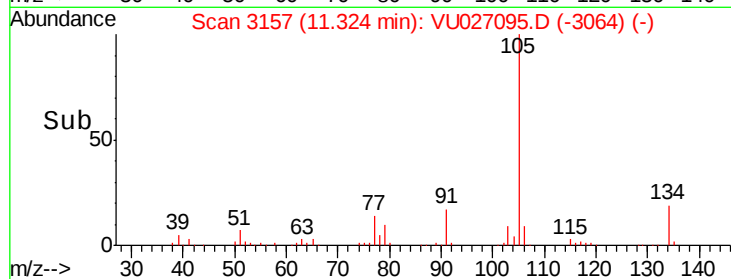
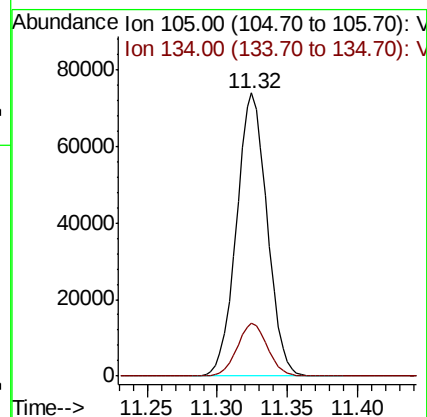
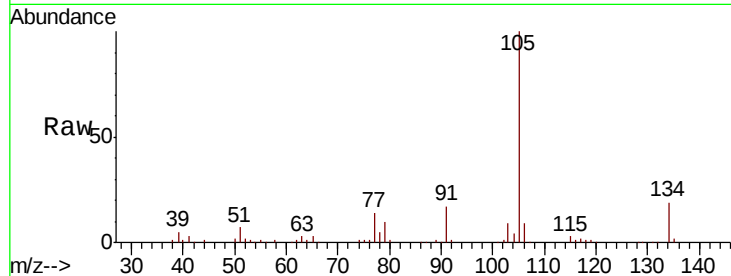




#85
 sec-Butylbenzene
 Concen: 20.369 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

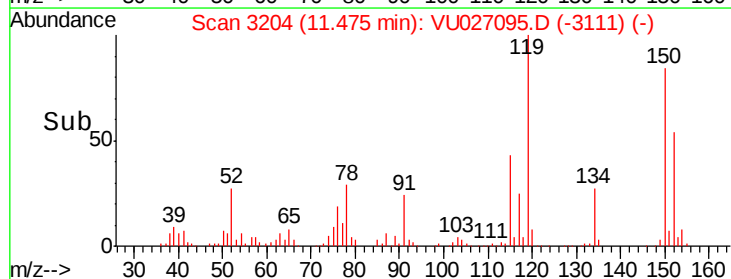
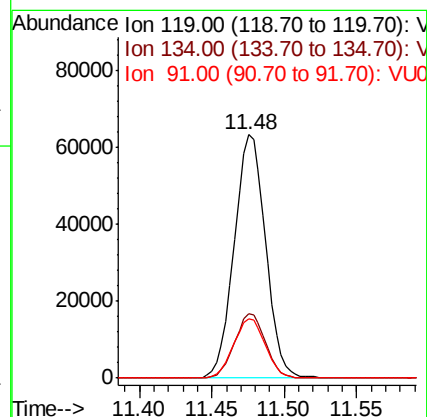
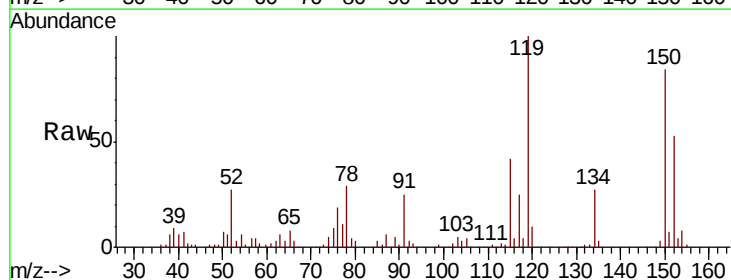
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

Tgt Ion:105 Resp: 112434
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 18.980 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion:119 Resp: 95270
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 24.8 12.3 36.8

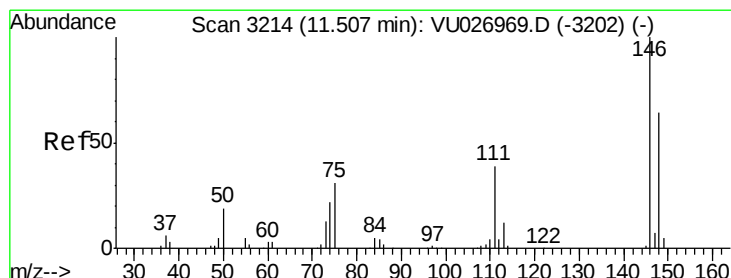
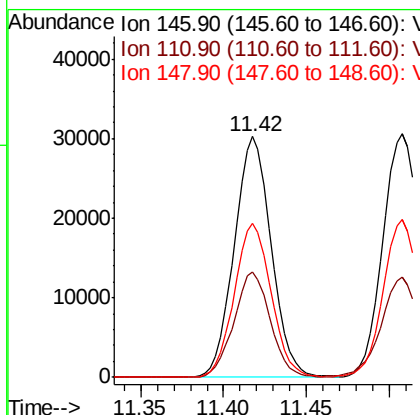
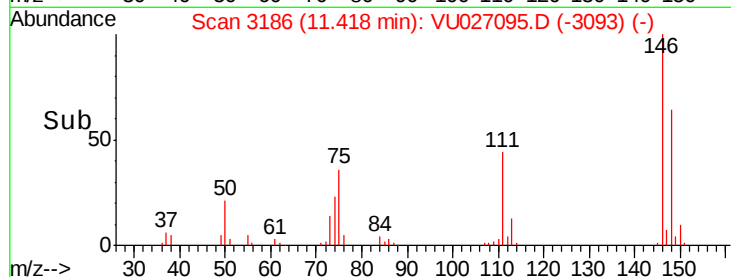
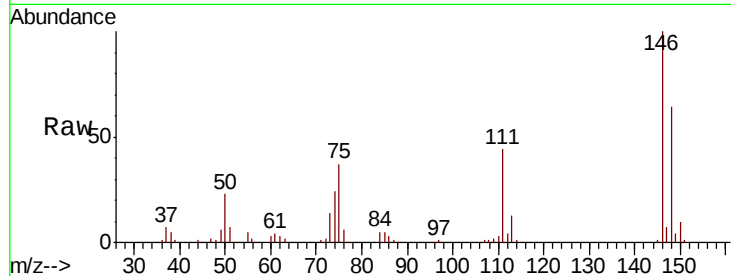




#87
 1,3-Dichlorobenzene
 Concen: 18.626 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

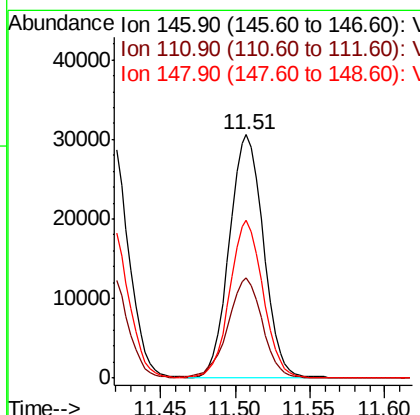
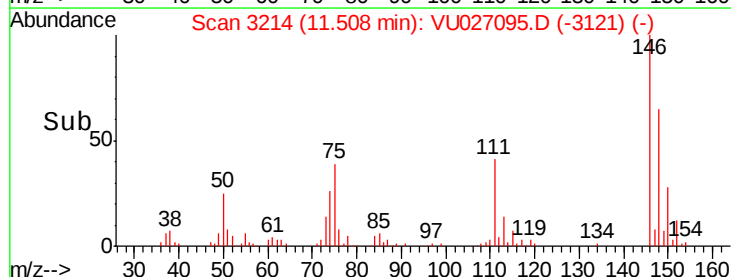
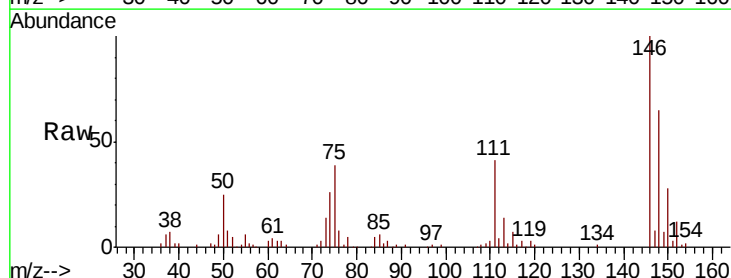
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

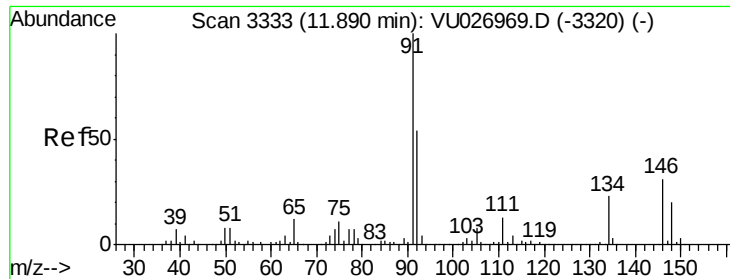
Tgt Ion:146 Resp: 46932
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.8 62.2
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.753 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion:146 Resp: 48753
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.3 60.9
 148 63.2 31.9 95.9

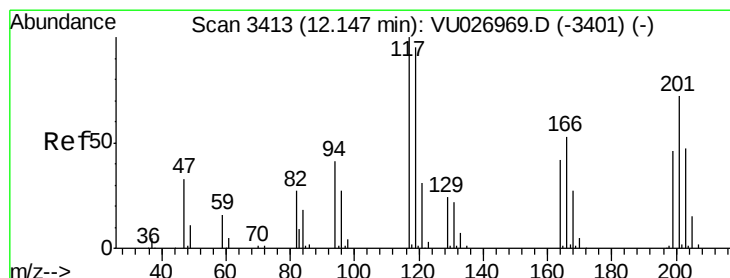
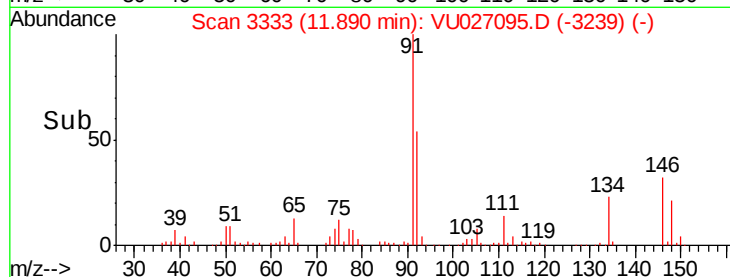
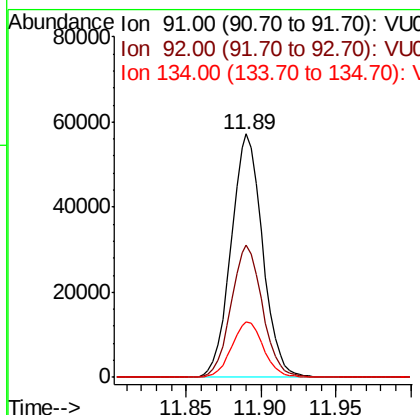
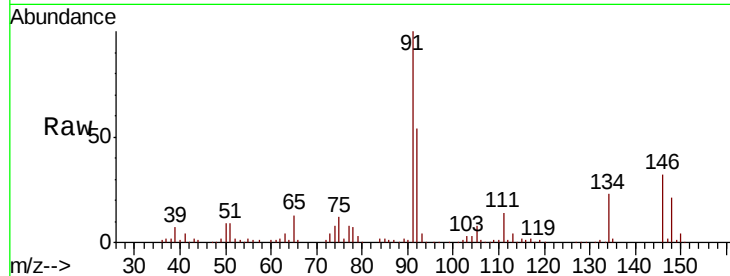




#89
n-Butylbenzene
Concen: 18.283 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

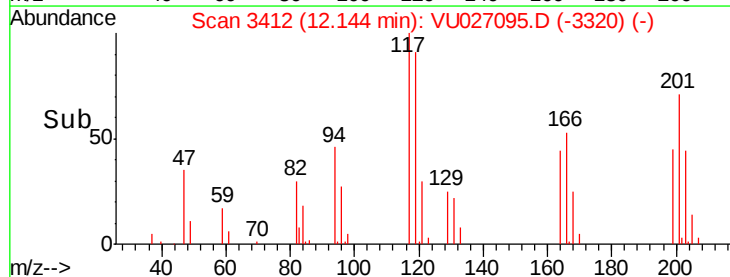
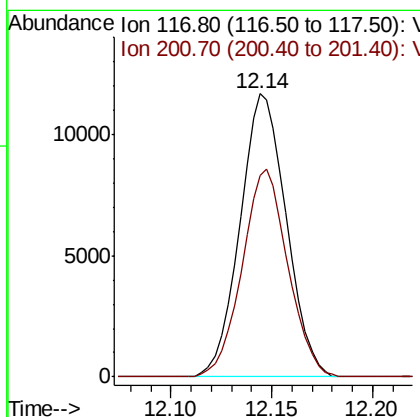
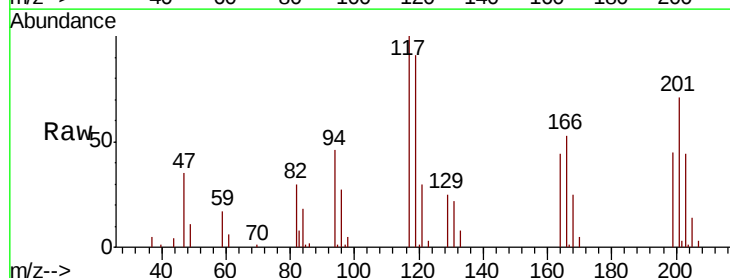
Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

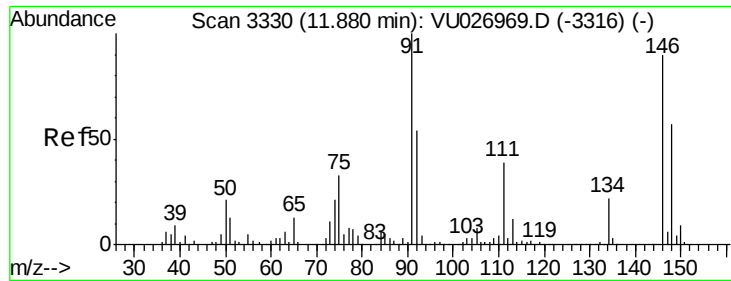
Tgt Ion: 91 Resp: 83796
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.2
134 23.1 11.7 35.0



#90
Hexachloroethane
Concen: 18.676 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion: 117 Resp: 18747
Ion Ratio Lower Upper
117 100
201 72.3 36.8 110.3

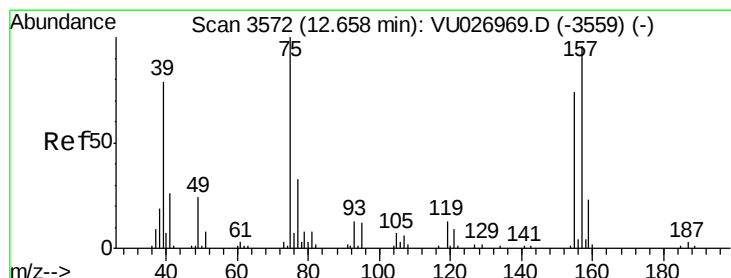
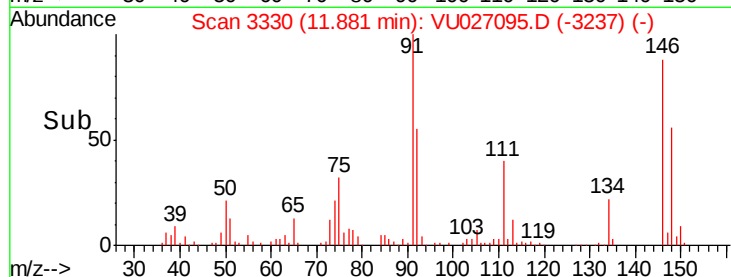
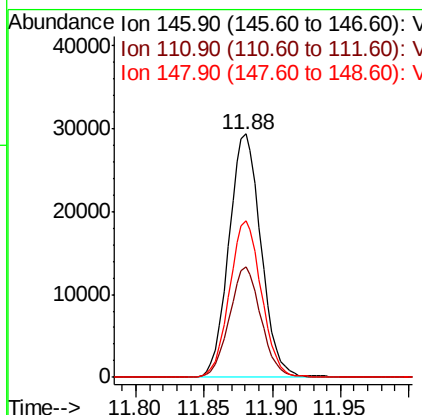
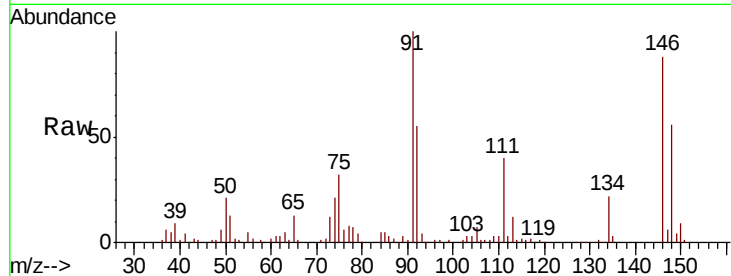




#91
 1,2-Dichlorobenzene
 Concen: 17.934 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

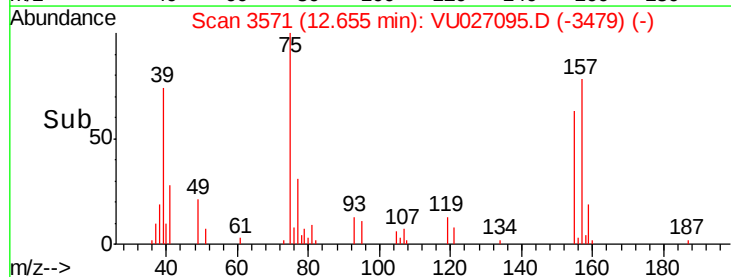
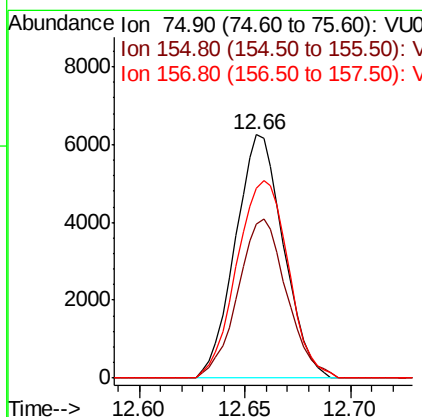
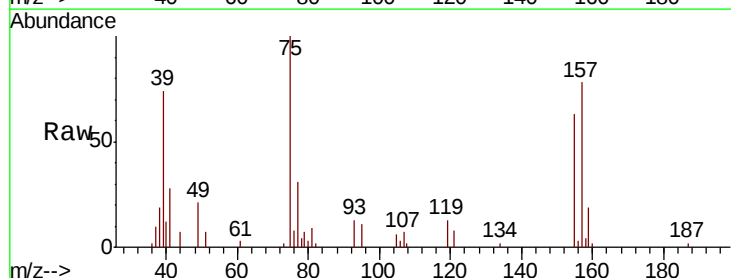
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

Tgt Ion: 146 Resp: 48000
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.8 65.3
 148 63.7 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.070 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion: 75 Resp: 9911
 Ion Ratio Lower Upper
 75 100
 155 66.4 36.6 109.8
 157 86.9 47.4 142.2

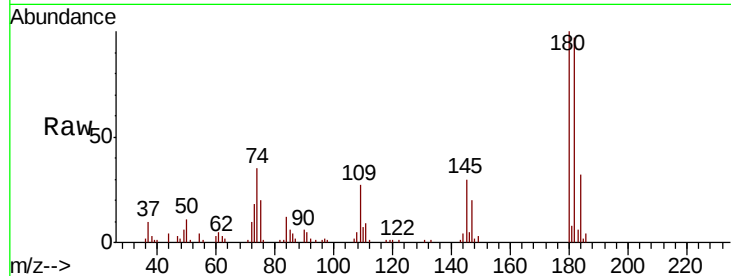




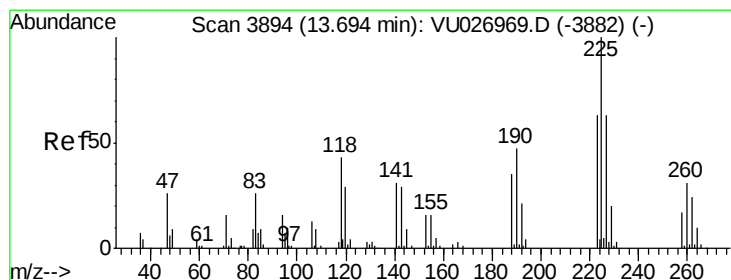
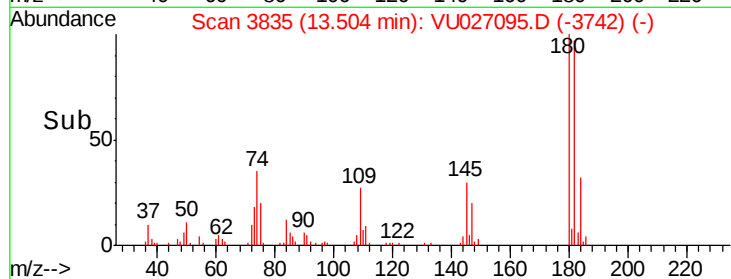
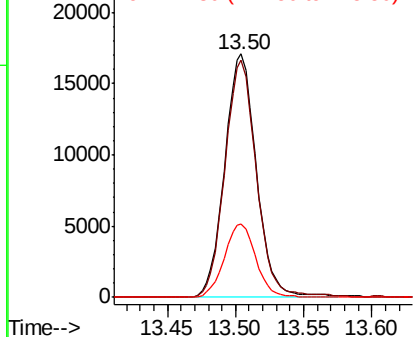
#93
 1,2,4-Trichlorobenzene
 Concen: 17.898 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0924WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.4	142.2
145	29.9	14.9	44.5

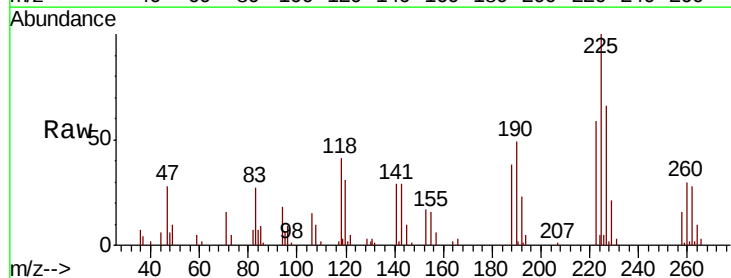


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

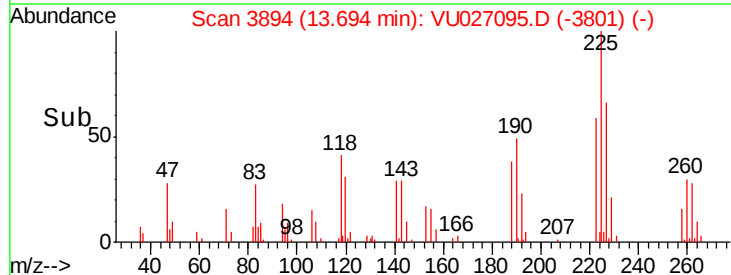
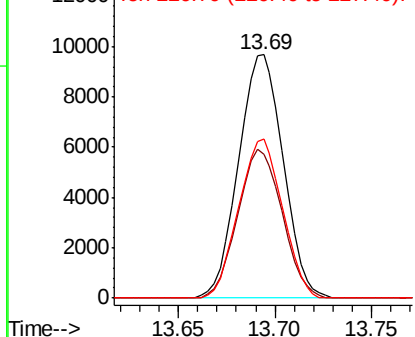


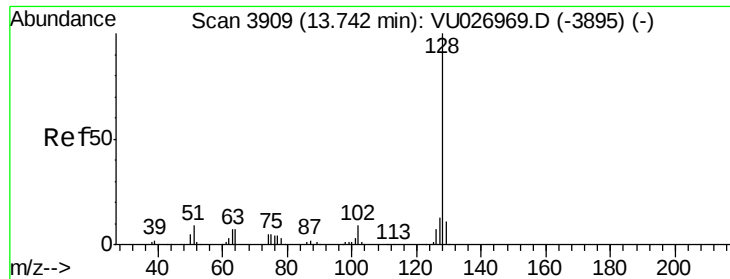
#94
 Hexachlorobutadiene
 Concen: 19.070 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027095.D
 Acq: 24 Sep 2018 09:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.9	95.7
227	64.0	32.1	96.5



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

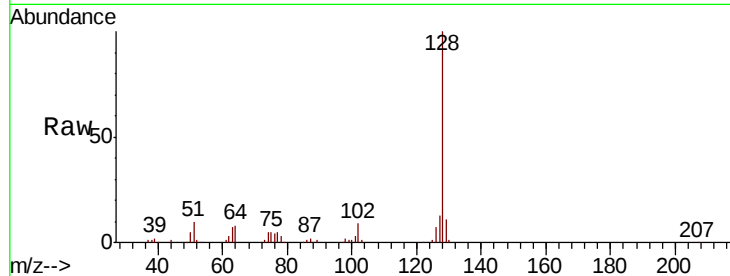




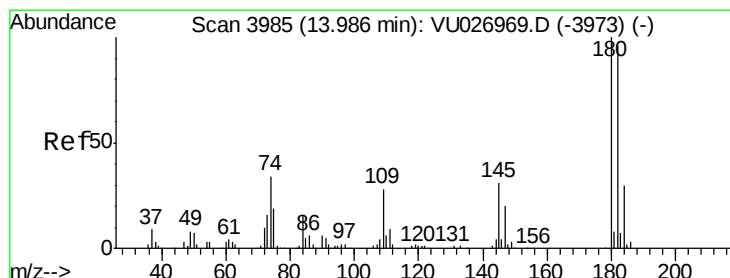
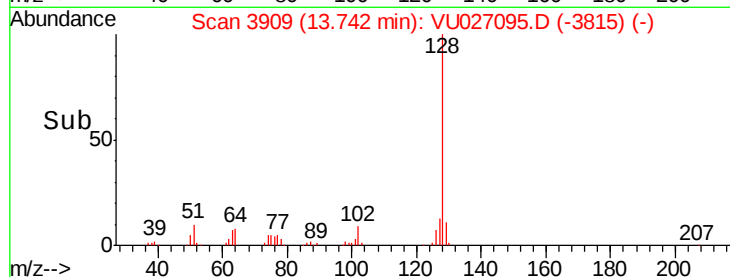
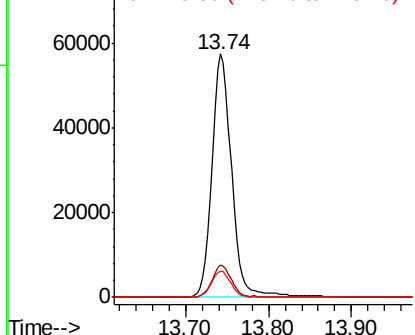
#95
Naphthalene
Concen: 17.000 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Instrument :
MSVOA_U
ClientSampleId :
VU0924WBS01

Tgt Ion:128 Resp: 95558
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.6 8.6 12.8

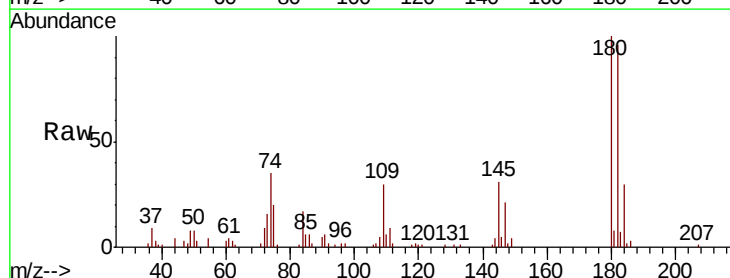


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.906 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027095.D
Acq: 24 Sep 2018 09:57

Tgt Ion:180 Resp: 29617
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 31.6 15.4 46.4



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

