

Data File : VU027528.D
Acq On : 09 Oct 2018 18:01
Operator : MD/SY
Sample : VU1010WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

Quant Time: Oct 10 05:57:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	150082	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67179	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70284	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	4.88	113	49349	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	7.57	98	184725	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	10.31	95	65678	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	21586	16.539	ug/l	99
3) Chloromethane	1.33	50	27559	15.596	ug/l	100
4) Vinyl Chloride	1.40	62	26161	15.750	ug/l	100
5) Bromomethane	1.62	94	14249	19.825	ug/l	95
6) Chloroethane	1.70	64	16880	16.912	ug/l	100
7) Trichlorofluoromethane	1.88	101	28235	16.753	ug/l	98
8) Diethyl Ether	2.11	74	11677	15.041	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	16543	16.902	ug/l	96
10) Methyl Iodide	2.41	142	8423	16.525	ug/l	96
11) Tert butyl alcohol	2.83	59	26639	83.682	ug/l	98
12) 1,1-Dichloroethene	2.28	96	14643	15.313	ug/l	99
13) Acrolein	2.20	56	10808	40.462	ug/l	99
14) Allyl chloride	2.59	41	34074	15.005	ug/l	97
15) Acrylonitrile	2.94	53	66995	80.858	ug/l	99
16) Acetone	2.32	43	72648	81.348	ug/l	99
17) Carbon Disulfide	2.48	76	44848	13.004	ug/l	98
18) Methyl Acetate	2.62	43	38085	18.694	ug/l	95
19) Methyl tert-butyl Ether	3.00	73	58222	15.195	ug/l	99
20) Methylene Chloride	2.70	84	19127	15.376	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	15601	14.531	ug/l	93
22) Diisopropyl ether	3.58	45	75668	16.394	ug/l	95
23) Vinyl Acetate	3.53	43	306677	76.085	ug/l	100
24) 1,1-Dichloroethane	3.45	63	38751	16.332	ug/l	99
25) 2-Butanone	4.27	43	103160	84.709	ug/l	100
26) 2,2-Dichloropropane	4.23	77	31071	15.937	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	19471	15.859	ug/l	99
28) Bromochloromethane	4.55	49	21268	18.579	ug/l	98
29) Tetrahydrofuran	4.64	42	63817	83.151	ug/l	99
30) Chloroform	4.67	83	34720	16.470	ug/l	100
31) Cyclohexane	5.00	56	35865	14.624	ug/l #	95
32) 1,1,1-Trichloroethane	4.92	97	28997	16.332	ug/l	99
36) 1,1-Dichloropropene	5.14	75	25519	15.660	ug/l	97
37) Ethyl Acetate	4.39	43	34096	16.190	ug/l	99
38) Carbon Tetrachloride	5.14	117	23684	16.090	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	27282	14.322	ug/l	94
40) Benzene	5.39	78	77980	16.428	ug/l	98
41) Methacrylonitrile	4.55	41	19796	16.630	ug/l	97
42) 1,2-Dichloroethane	5.41	62	30114	17.091	ug/l	100
43) Isopropyl Acetate	5.55	43	55017	16.820	ug/l	98
44) Trichloroethene	6.19	130	16645	15.726	ug/l	98
45) 1,2-Dichloropropane	6.44	63	22857	16.695	ug/l	98
46) Dibromomethane	6.56	93	13331	17.240	ug/l	98
47) Bromodichloromethane	6.76	83	26455	16.488	ug/l	98
48) Methyl methacrylate	6.63	41	26057	16.020	ug/l	97
49) 1,4-Dioxane	6.62	88	10634	379.969	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	181886	85.575	ug/l	99
52) Toluene	7.64	92	45020	16.024	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	29150	15.495	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	32315	15.979	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	19037	17.090	ug/l	98
56) Ethyl methacrylate	8.02	69	27666	14.652	ug/l	99
57) 1,3-Dichloropropane	8.24	76	35242	16.297	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	88572	81.349	ug/l	100
59) 2-Hexanone	8.36	43	141524	85.836	ug/l	98
60) Dibromochloromethane	8.48	129	17926	16.045	ug/l	99
61) 1,2-Dibromoethane	8.59	107	19441	16.415	ug/l	98
64) Tetrachloroethene	8.23	164	13346	15.389	ug/l	90
65) Chlorobenzene	9.12	112	46909	15.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	16950	16.744	ug/l	99
67) Ethyl Benzene	9.25	91	79611	15.323	ug/l	98
68) m/p-Xylenes	9.38	106	59300	31.204	ug/l	98
69) o-Xylene	9.78	106	27790	15.388	ug/l	96
70) Styrene	9.79	104	45298	15.101	ug/l	98
71) Bromoform	9.96	173	12933	15.879	ug/l #	100
73) Isopropylbenzene	10.17	105	78456	16.080	ug/l	100
74) N-amyl acetate	10.02	43	42083	15.066	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	32743	17.091	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	36990	21.241	ug/l	88
77) Bromobenzene	10.46	156	18788	16.569	ug/l	97
78) n-propylbenzene	10.59	91	90821	15.491	ug/l	100
79) 2-Chlorotoluene	10.66	91	57330	16.195	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	63695	16.035	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.49	75	36990	55.590	ug/l #	100
82) 4-Chlorotoluene	10.77	91	62923	15.664	ug/l	98
83) tert-Butylbenzene	11.10	119	61076	15.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	65005	16.020	ug/l	98
85) sec-Butylbenzene	11.32	105	75081	15.517	ug/l	100
86) p-Isopropyltoluene	11.48	119	64784	15.638	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	34130	15.896	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	34518	15.732	ug/l	98
89) n-Butylbenzene	11.89	91	54291	13.817	ug/l	99
90) Hexachloroethane	12.15	117	13049	16.710	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	33340	15.952	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	6905	16.263	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Quantitation Report (Not Reviewed)

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QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

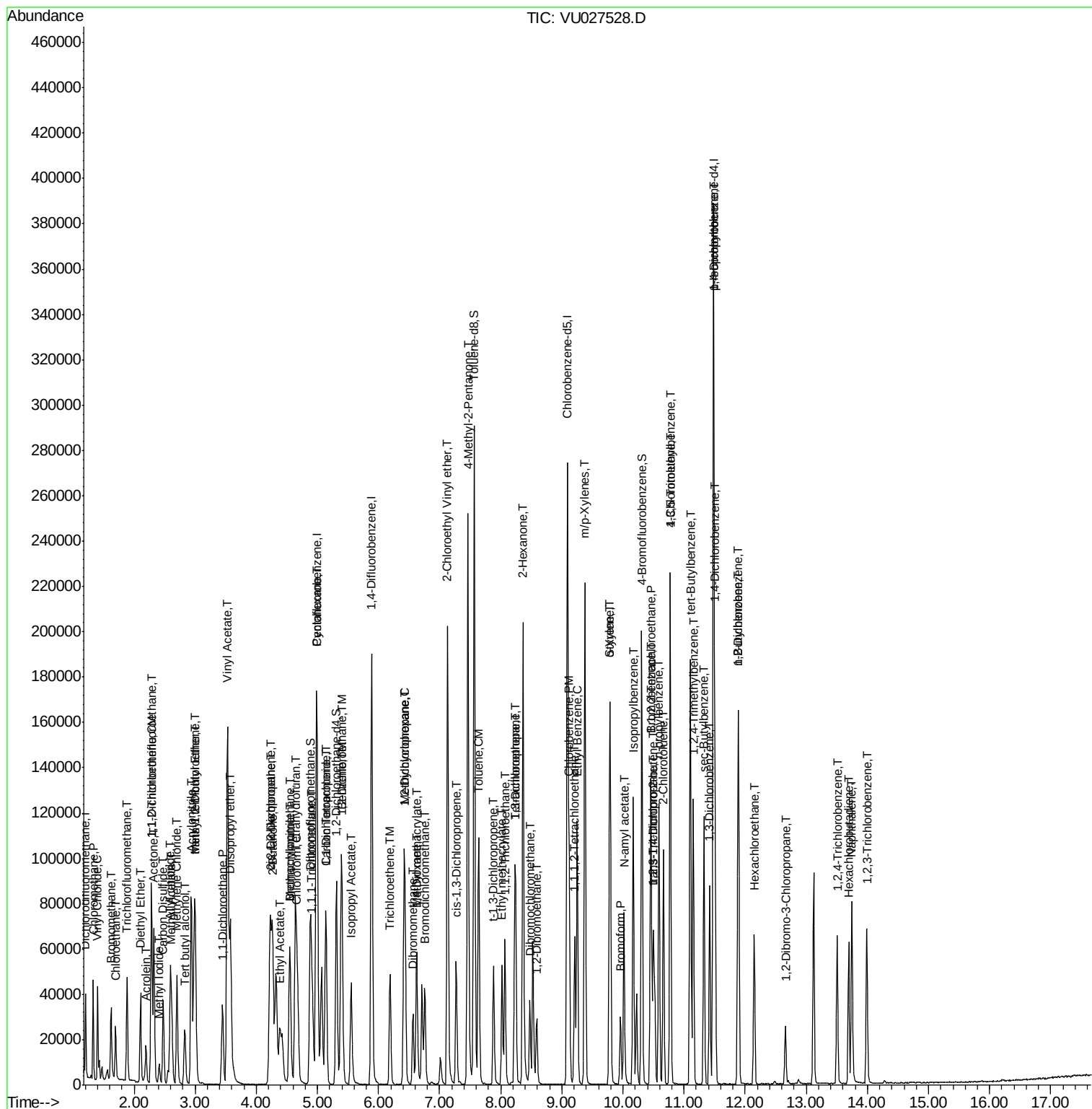
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	19353	14.311	ug/l	98
94) Hexachlorobutadiene	13.69	225	11195	16.385	ug/l	99
95) Naphthalene	13.75	128	65005	14.034	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	21271	15.097	ug/l	99

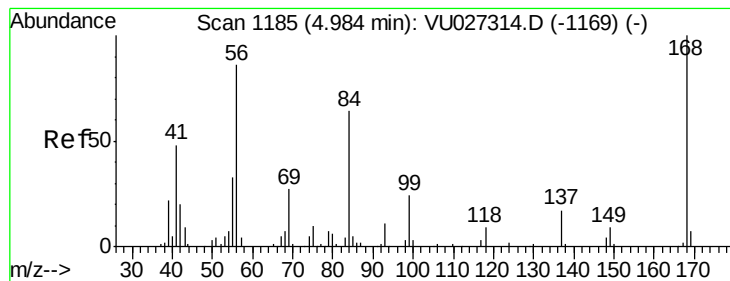
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

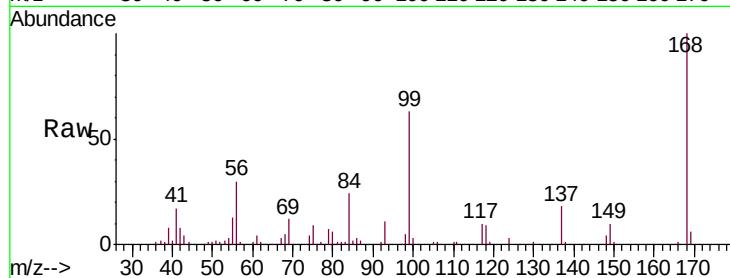
VU1010WBS01

Tgt Ion:168 Resp: 90530

Ion Ratio Lower Upper

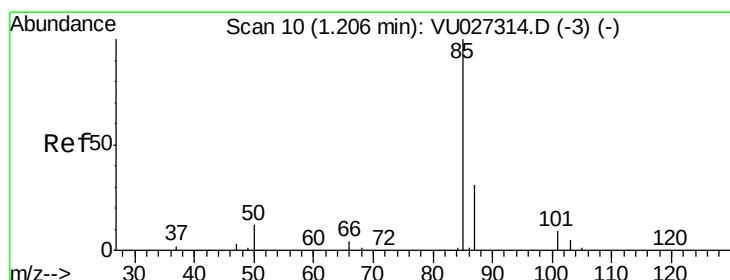
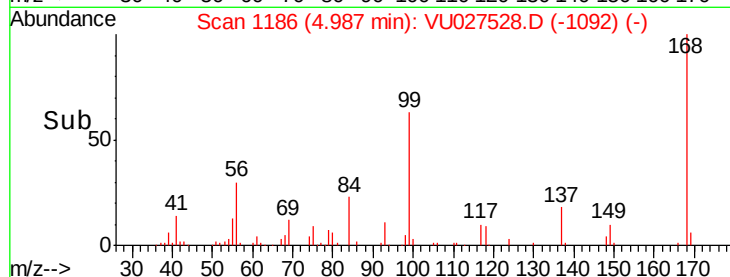
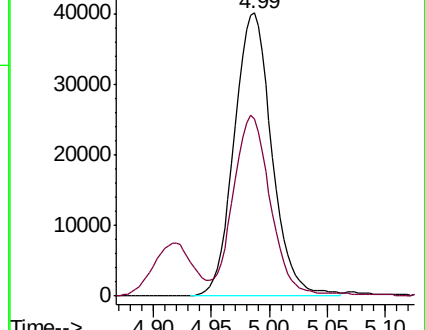
168 100

99 61.7 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 16.539 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027528.D

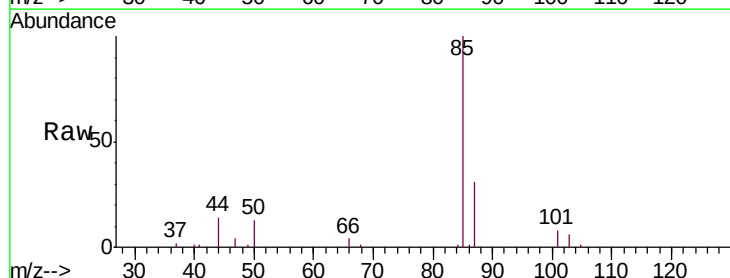
Acq: 09 Oct 2018 18:01

Tgt Ion: 85 Resp: 21586

Ion Ratio Lower Upper

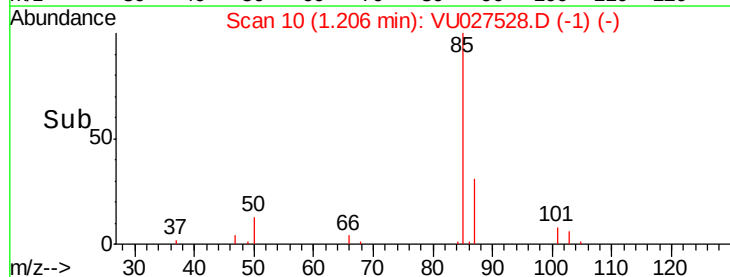
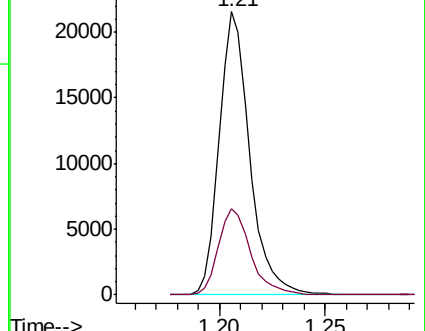
85 100

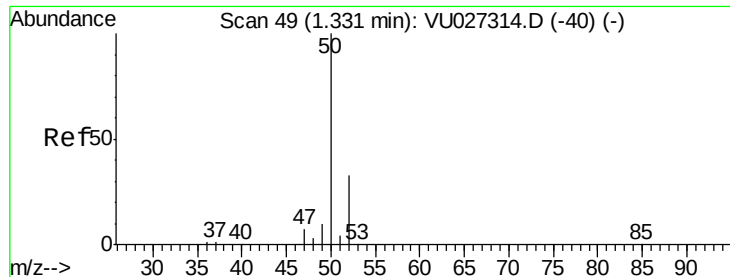
87 30.6 15.7 47.1



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

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)





#3

Chloromethane

Concen: 15.596 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

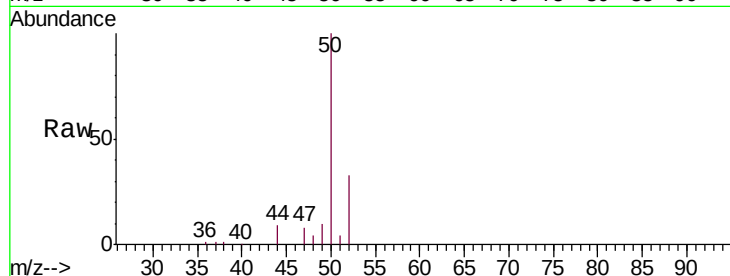
VU1010WBS01

Tgt Ion: 50 Resp: 27559

Ion Ratio Lower Upper

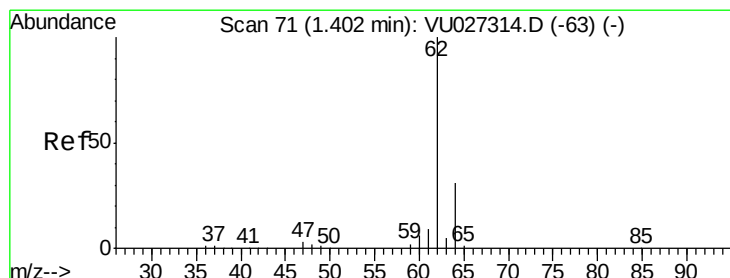
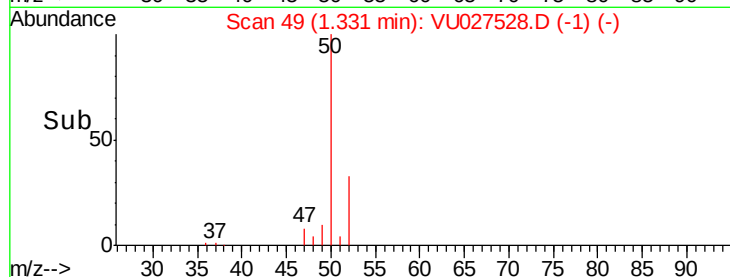
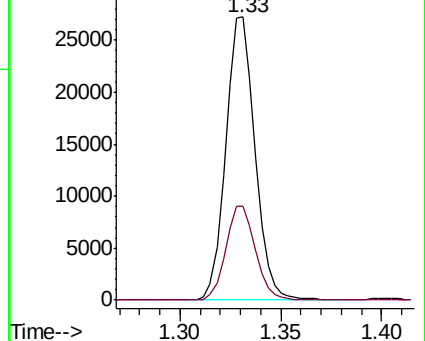
50 100

52 33.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 15.750 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027528.D

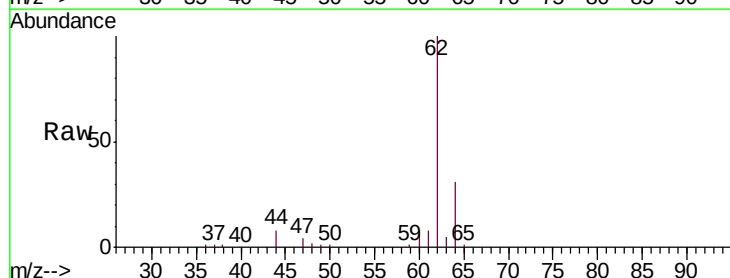
Acq: 09 Oct 2018 18:01

Tgt Ion: 62 Resp: 26161

Ion Ratio Lower Upper

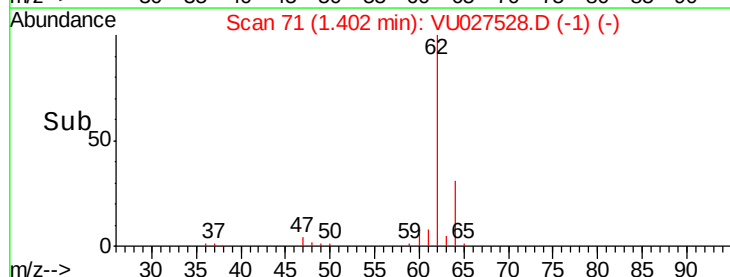
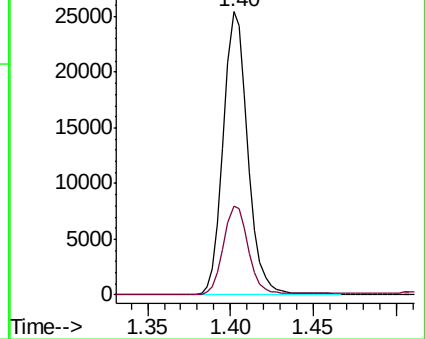
62 100

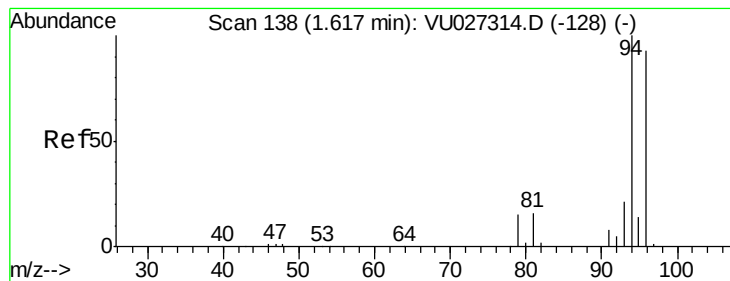
64 31.2 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 19.825 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

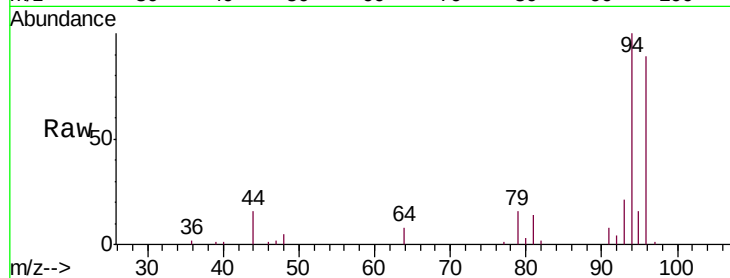
VU1010WBS01

Tgt Ion: 94 Resp: 14249

Ion Ratio Lower Upper

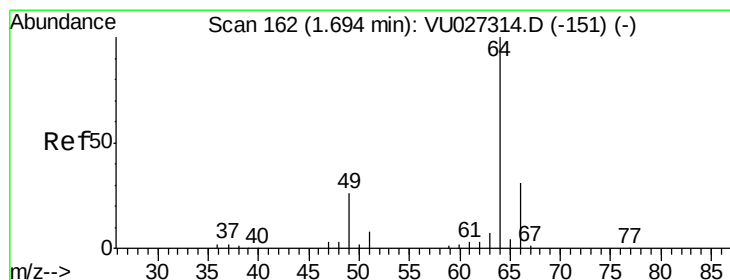
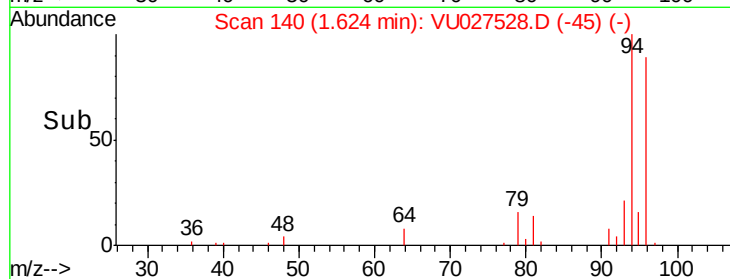
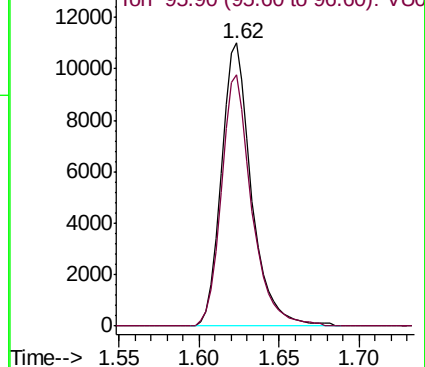
94 100

96 88.6 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 16.912 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027528.D

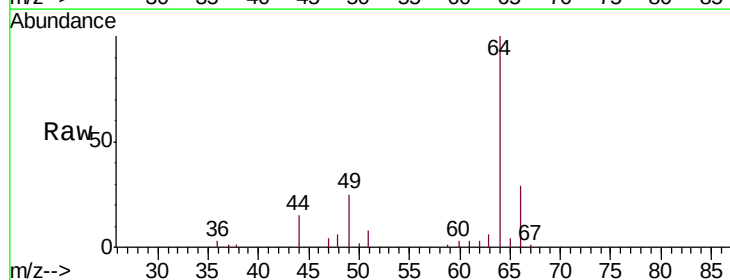
Acq: 09 Oct 2018 18:01

Tgt Ion: 64 Resp: 16880

Ion Ratio Lower Upper

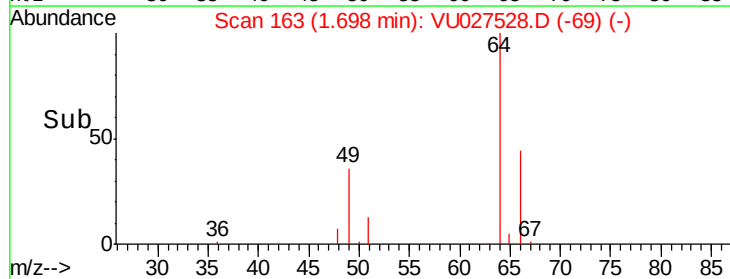
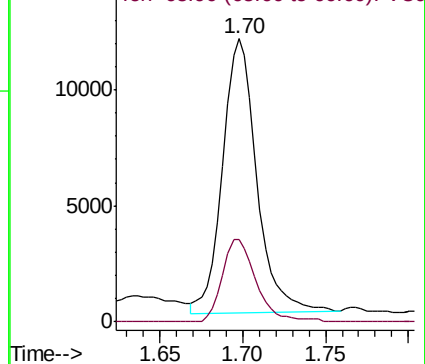
64 100

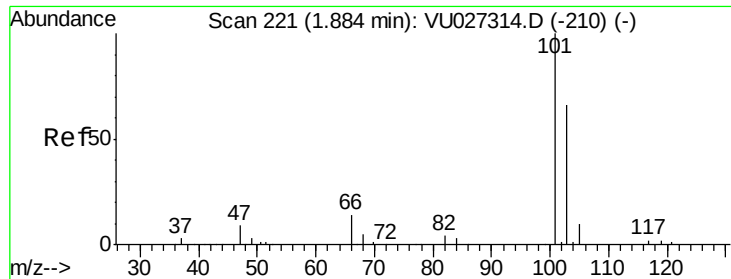
66 30.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



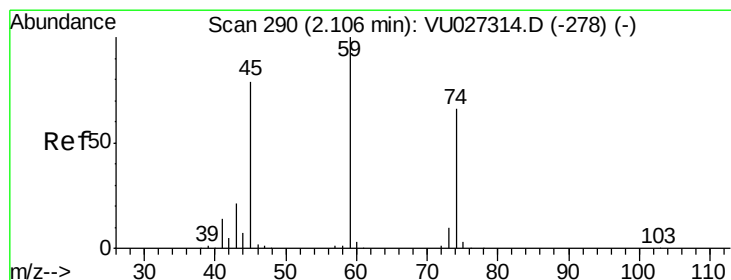
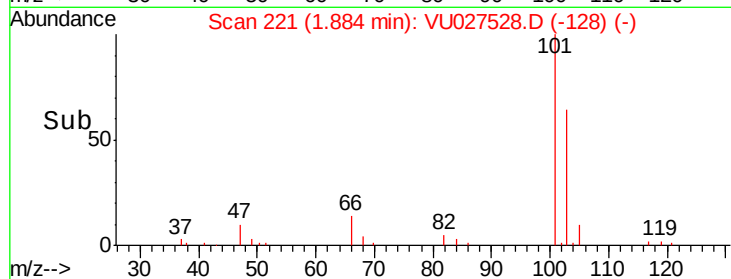
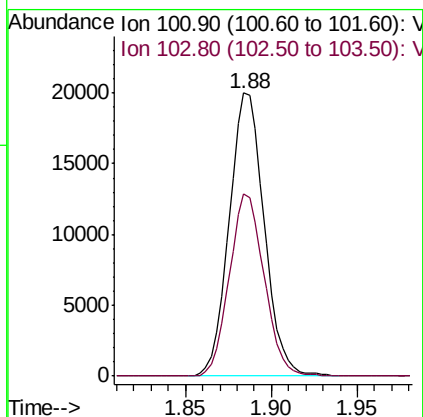
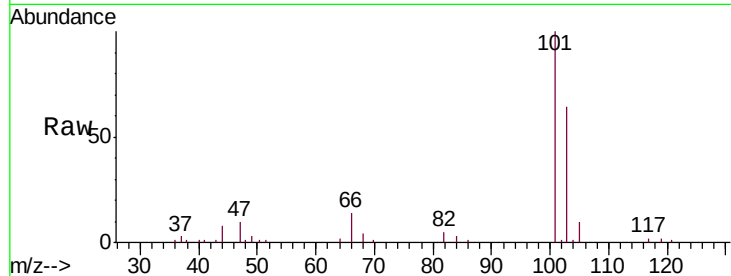


#7

Trichlorofluoromethane
 Concen: 16.753 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027528.D
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 MSVOA_U
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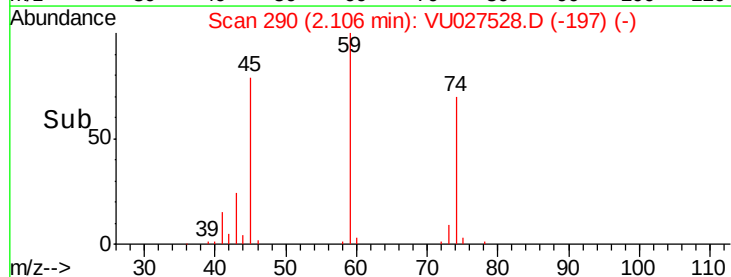
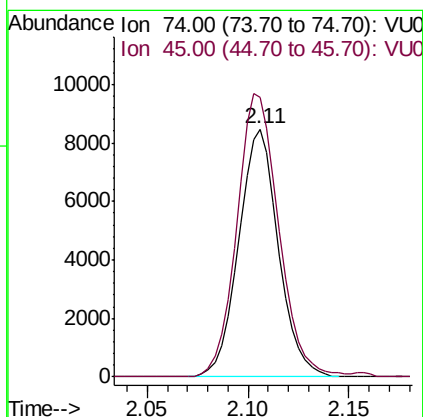
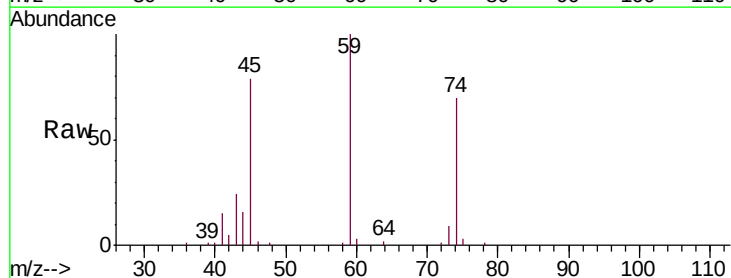
Tgt Ion:101 Resp: 28235
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.6 78.8

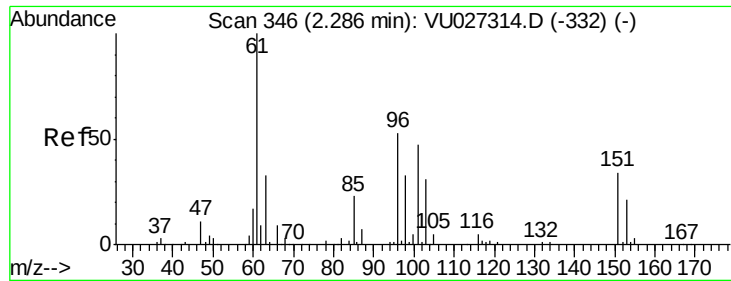


#8

Diethyl Ether
 Concen: 15.041 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion: 74 Resp: 11677
 Ion Ratio Lower Upper
 74 100
 45 120.8 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.902 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027528.D

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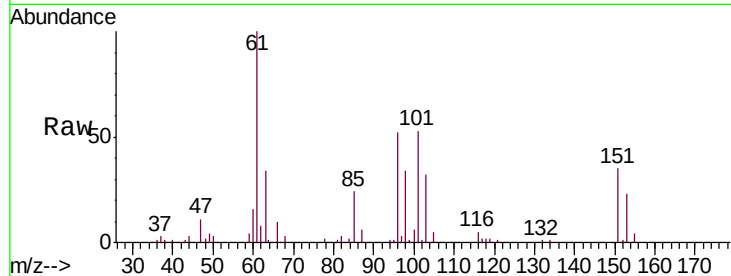
Tgt Ion:101 Resp: 16543

Ion Ratio Lower Upper

101 100

85 43.7 37.5 56.3

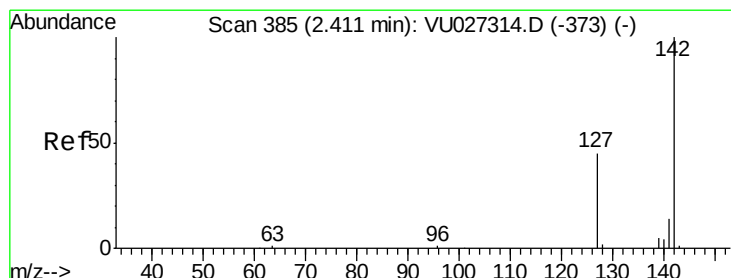
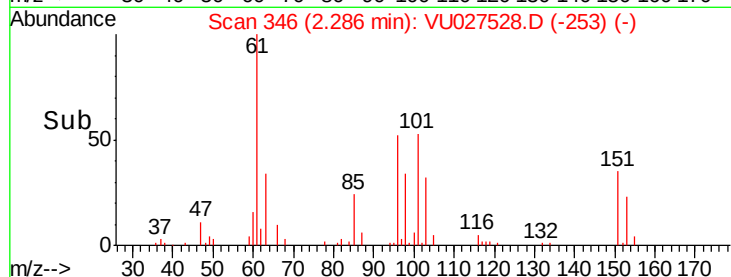
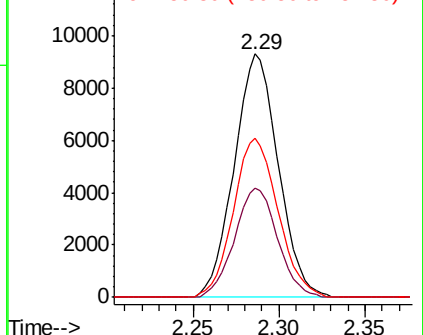
151 66.0 55.6 83.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.525 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

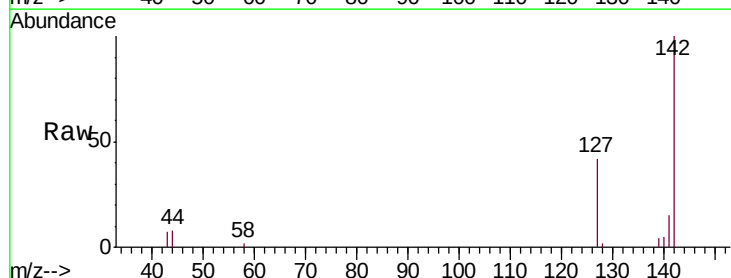
Tgt Ion:142 Resp: 8423

Ion Ratio Lower Upper

142 100

127 42.2 36.3 54.5

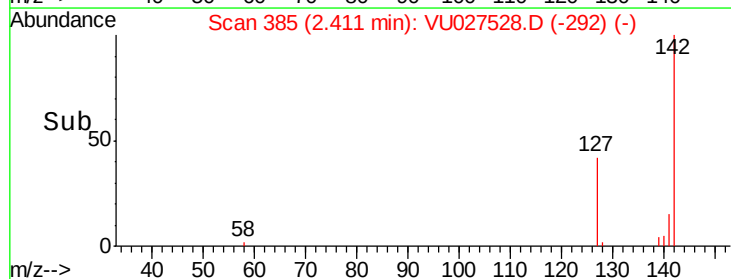
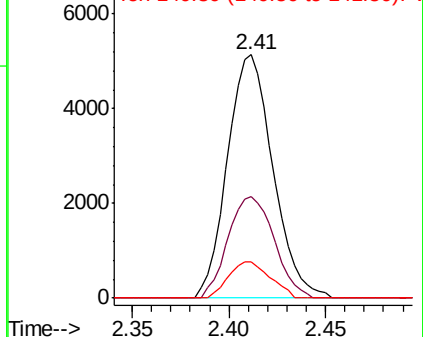
141 13.5 11.6 17.4

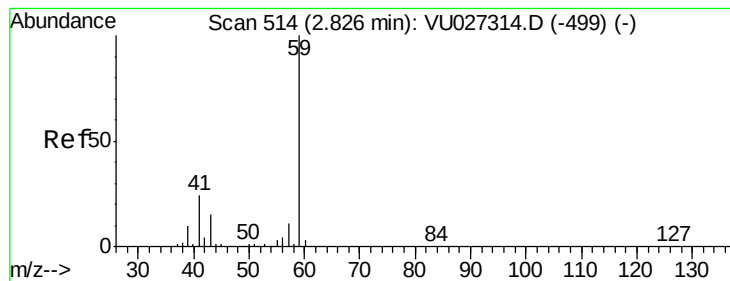


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 83.682 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

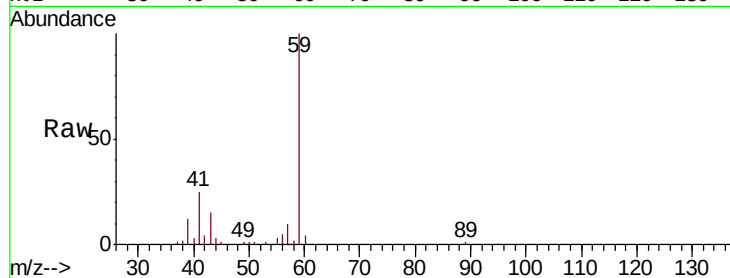
VU1010WBS01

Tgt Ion: 59 Resp: 26639

Ion Ratio Lower Upper

59 100

57 9.7 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

2.83

15000

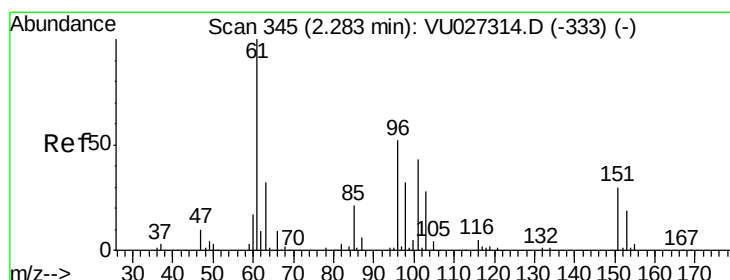
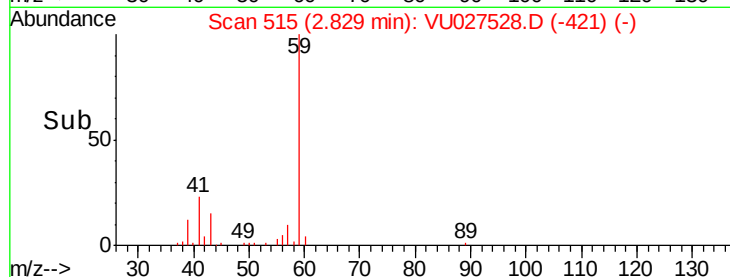
10000

5000

0

Time-->

2.80 2.90



#12

1,1-Dichloroethene

Concen: 15.313 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

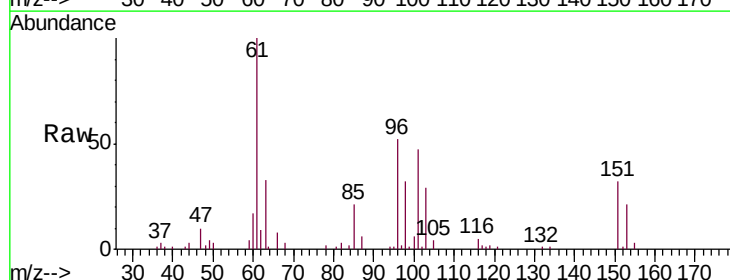
Tgt Ion: 96 Resp: 14643

Ion Ratio Lower Upper

96 100

61 192.5 153.0 229.6

98 62.4 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VU027314.D (-333) (-)

Ion 60.90 (60.60 to 61.60): VU027314.D (-333) (-)

Ion 97.90 (97.60 to 98.60): VU027314.D (-333) (-)

25000

20000

15000

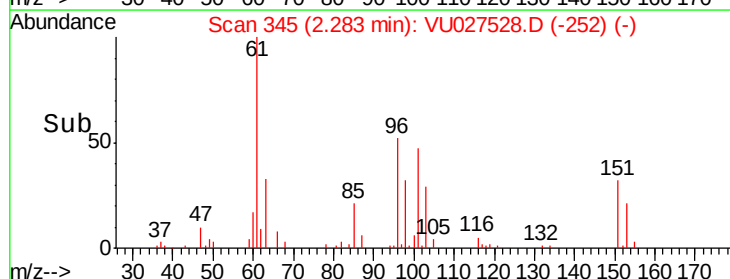
10000

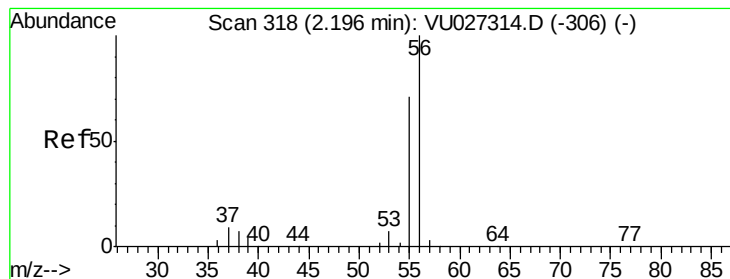
5000

0

Time-->

2.25 2.30 2.35





#13

Acrolein

Concen: 40.462 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

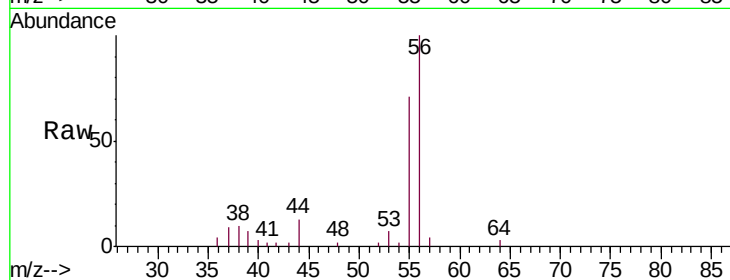
VU1010WBS01

Tgt Ion: 56 Resp: 10808

Ion Ratio Lower Upper

56 100

55 71.7 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.20

8000

6000

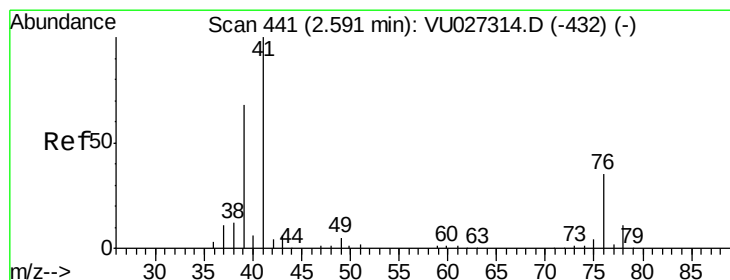
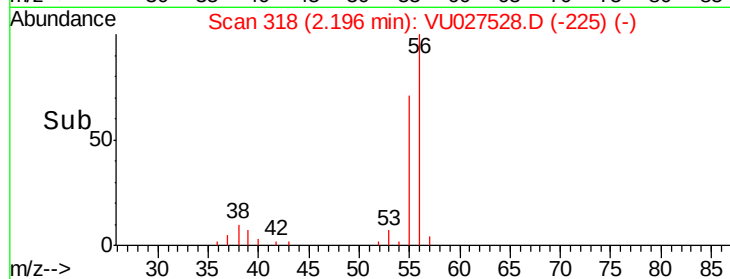
4000

2000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 15.005 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

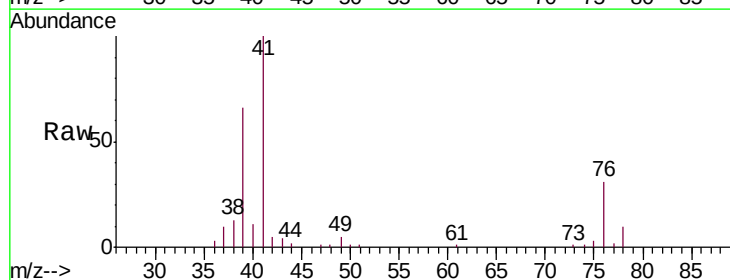
Tgt Ion: 41 Resp: 34074

Ion Ratio Lower Upper

41 100

39 66.6 51.8 77.8

76 30.2 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

25000

20000

15000

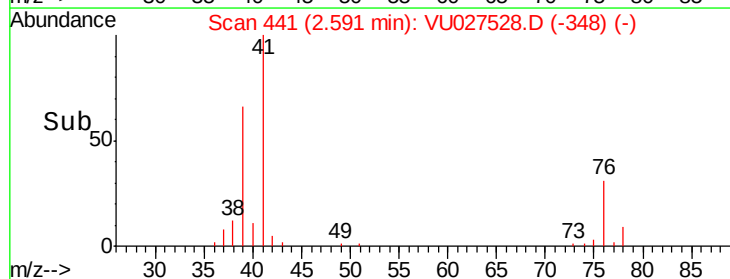
10000

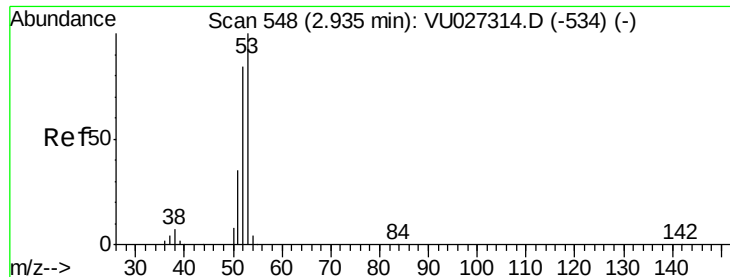
5000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 80.858 ug/l

RT: 2.94 min Scan# 549

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

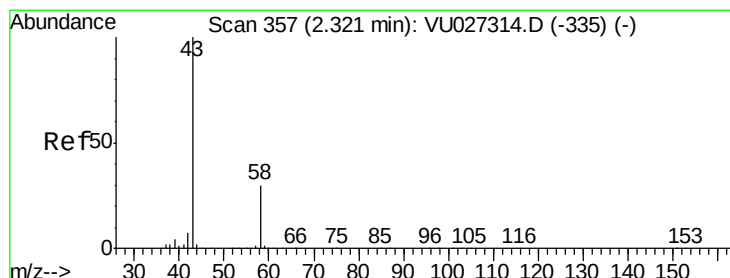
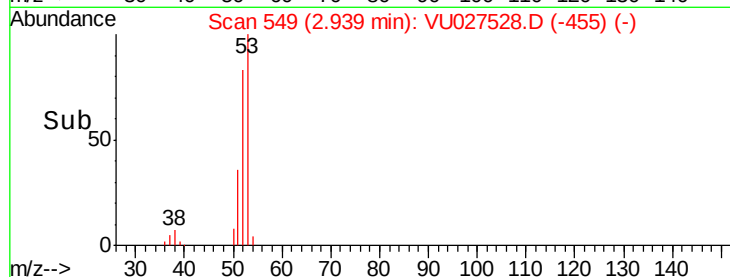
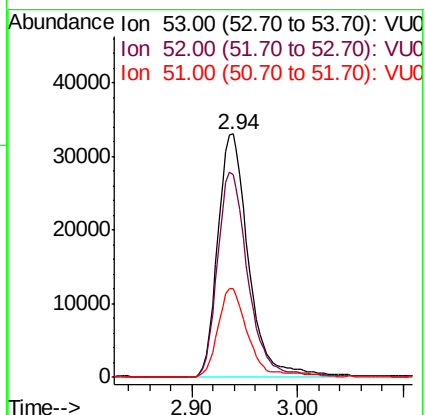
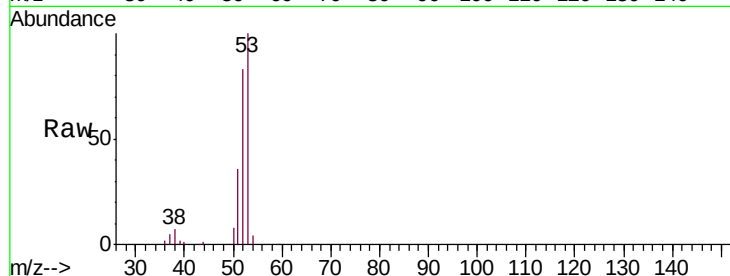
Tgt Ion: 53 Resp: 66995

Ion Ratio Lower Upper

53 100

52 83.9 66.5 99.7

51 34.9 27.6 41.4



#16

Acetone

Concen: 81.348 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027528.D

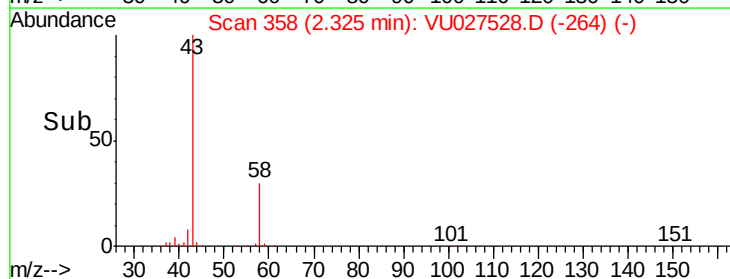
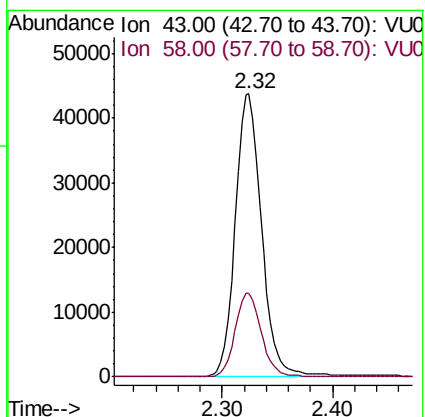
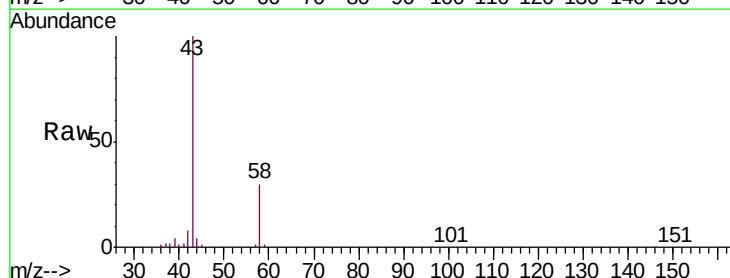
Acq: 09 Oct 2018 18:01

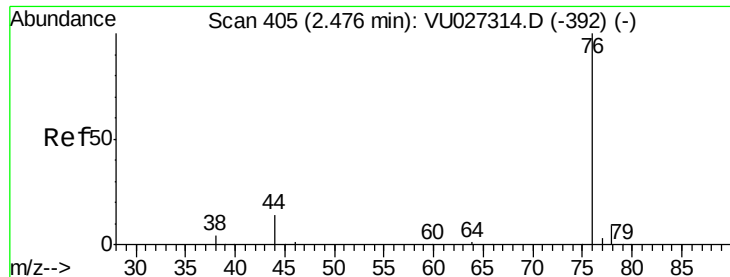
Tgt Ion: 43 Resp: 72648

Ion Ratio Lower Upper

43 100

58 29.8 24.2 36.4

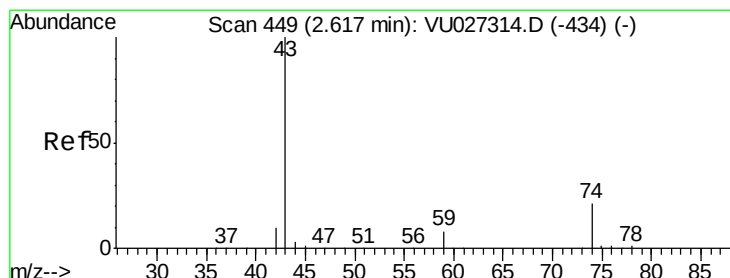
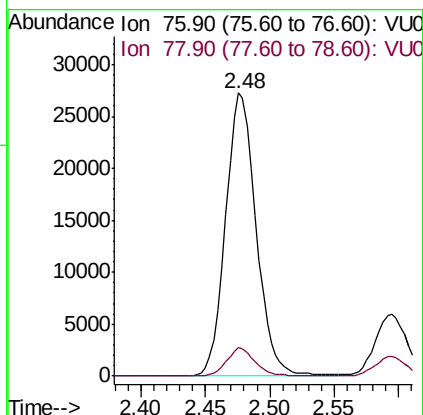
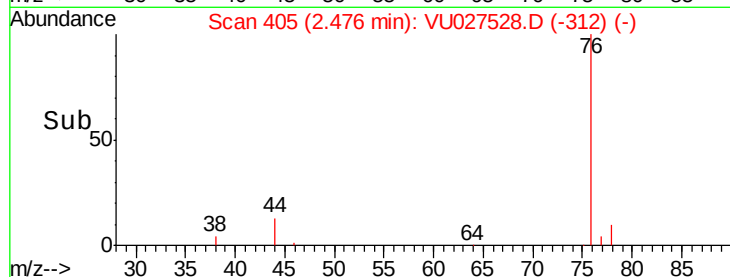
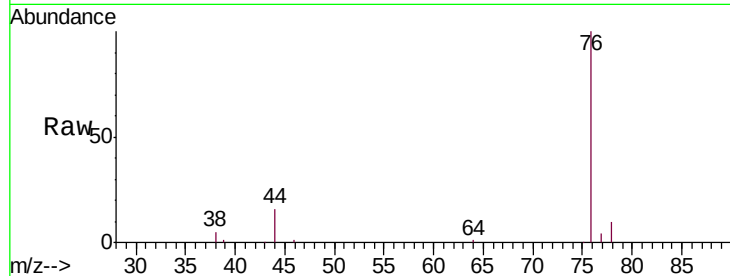




#17
Carbon Disulfide
Concen: 13.004 ug/l
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

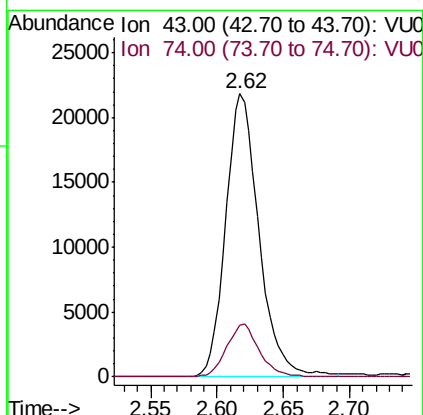
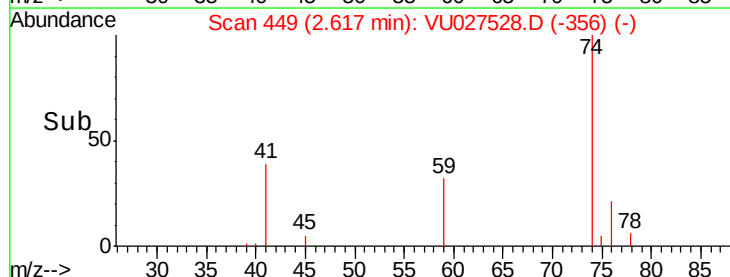
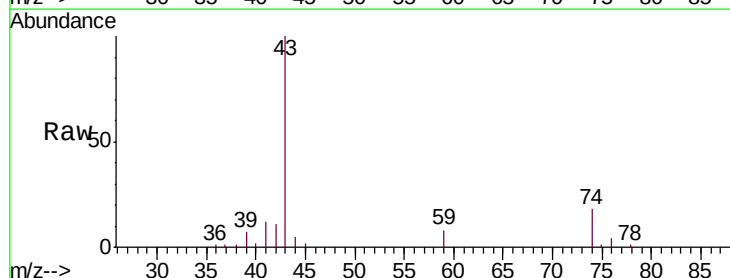
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

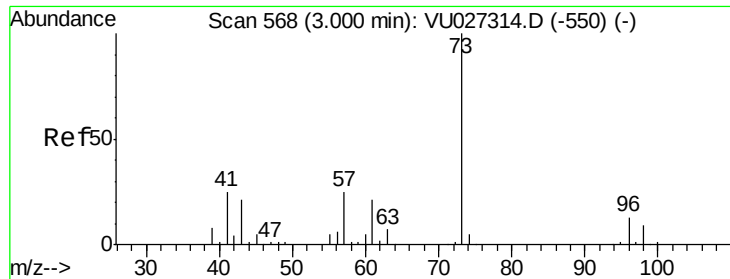
Tgt Ion: 76 Resp: 44848
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 18.694 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion: 43 Resp: 38085
Ion Ratio Lower Upper
43 100
74 18.3 16.5 24.7

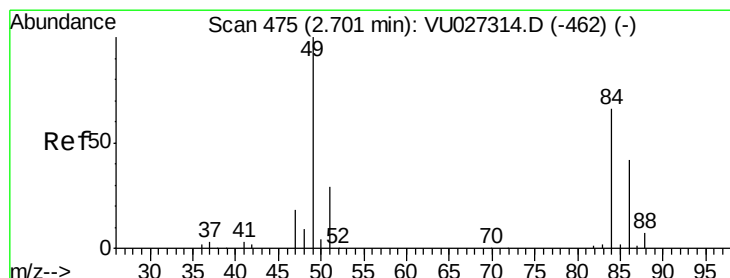
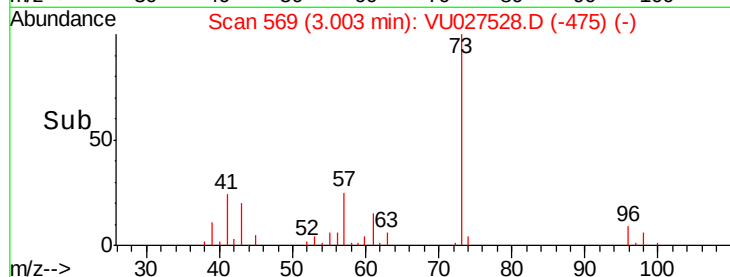
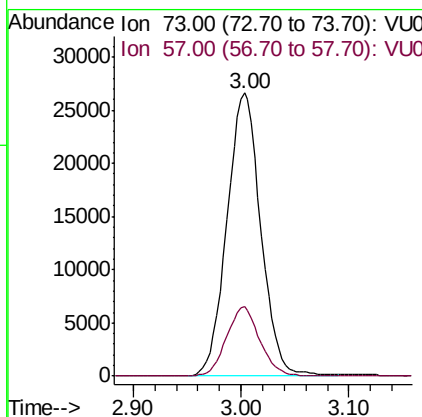
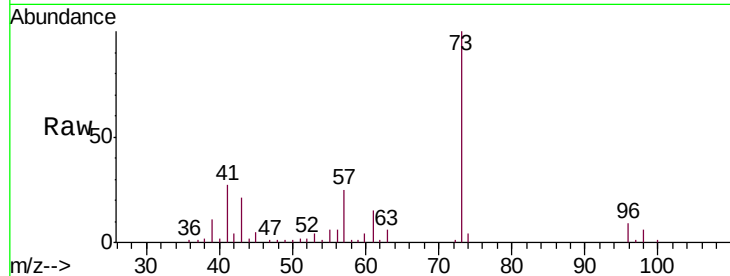




#19
Methyl tert-butyl Ether
Concen: 15.195 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

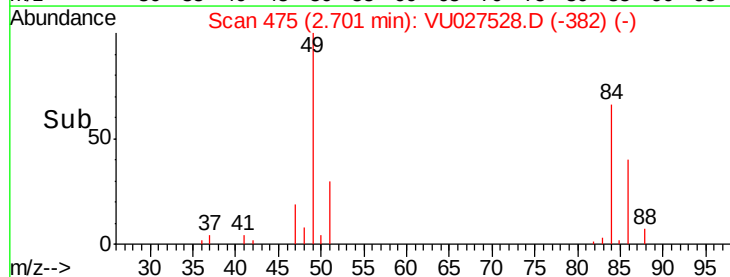
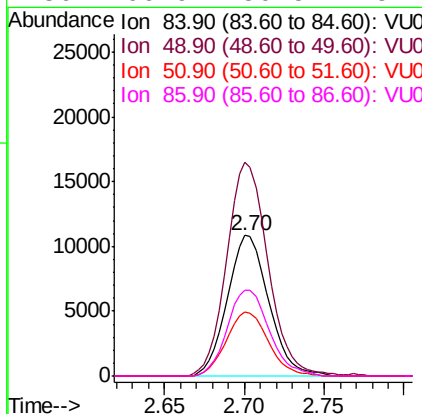
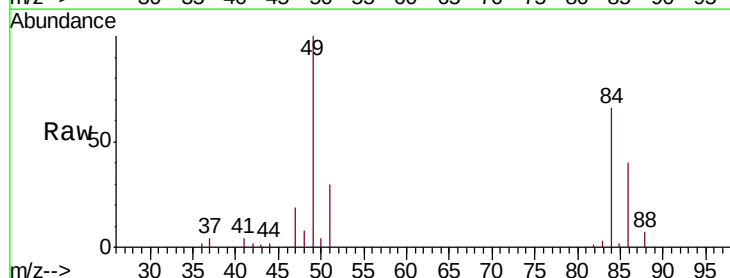
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

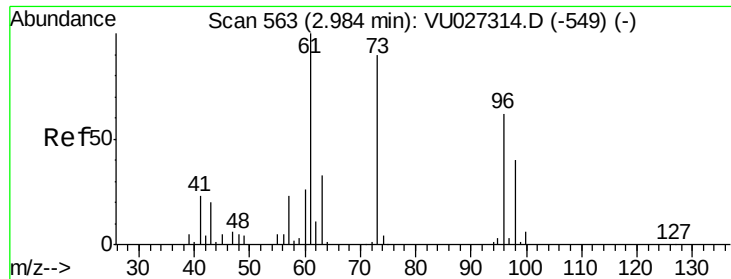
Tgt Ion: 73 Resp: 58222
Ion Ratio Lower Upper
73 100
57 24.5 20.0 30.0



#20
Methylene Chloride
Concen: 15.376 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion: 84 Resp: 19127
Ion Ratio Lower Upper
84 100
49 151.9 120.5 180.7
51 45.5 35.1 52.7
86 60.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 14.531 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

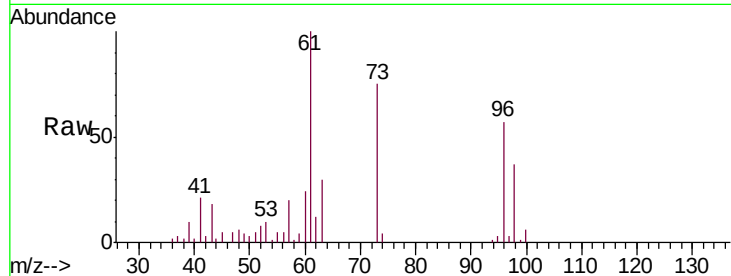
Tgt Ion: 96 Resp: 15601

Ion Ratio Lower Upper

96 100

61 174.2 129.4 194.2

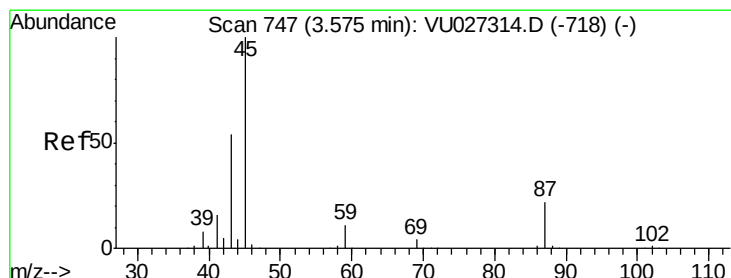
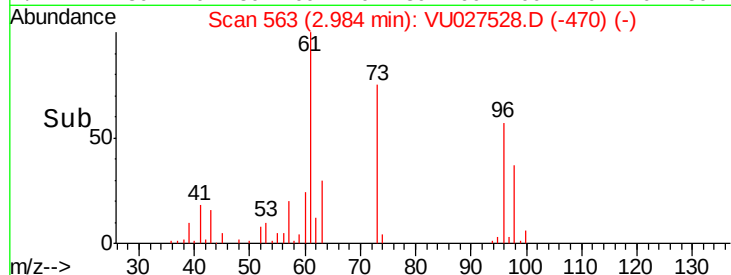
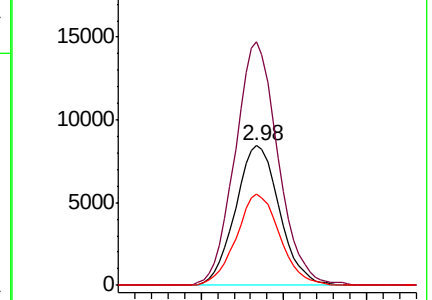
98 65.1 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VU027314.D (-549) (-)

Ion 60.90 (60.60 to 61.60): VU027314.D (-549) (-)

Ion 97.90 (97.60 to 98.60): VU027314.D (-549) (-)



#22

Diisopropyl ether

Concen: 16.394 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Tgt Ion: 45 Resp: 75668

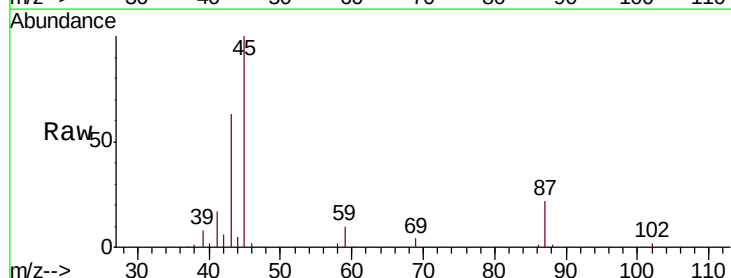
Ion Ratio Lower Upper

45 100

43 59.9 43.4 65.2

87 21.8 17.5 26.3

59 10.3 8.6 13.0

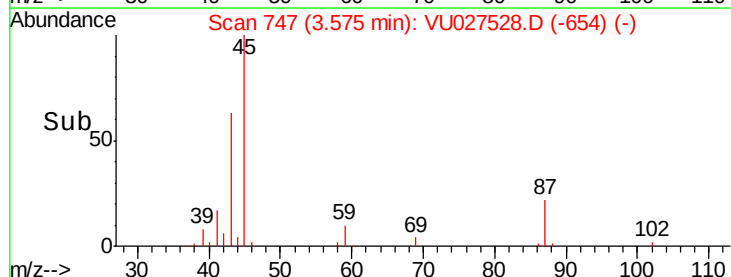
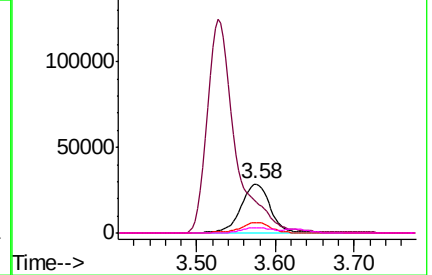


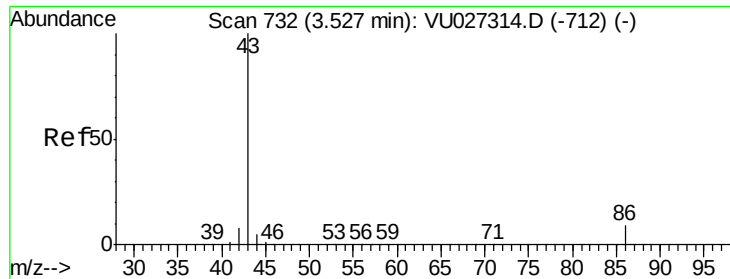
Abundance Ion 45.00 (44.70 to 45.70): VU027314.D (-718) (-)

Ion 43.00 (42.70 to 43.70): VU027314.D (-718) (-)

Ion 87.00 (86.70 to 87.70): VU027314.D (-718) (-)

Ion 59.00 (58.70 to 59.70): VU027314.D (-718) (-)

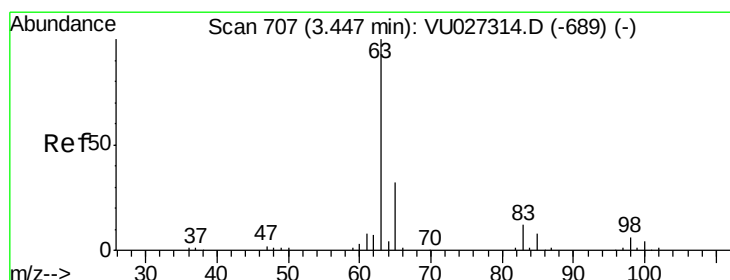
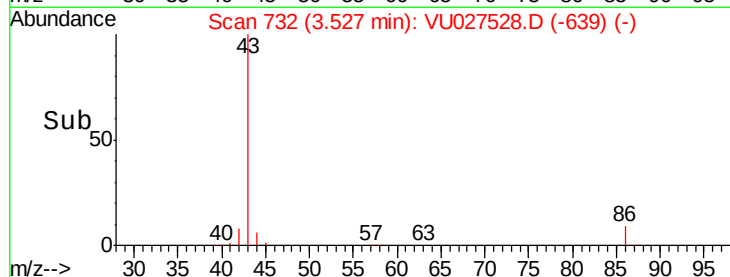
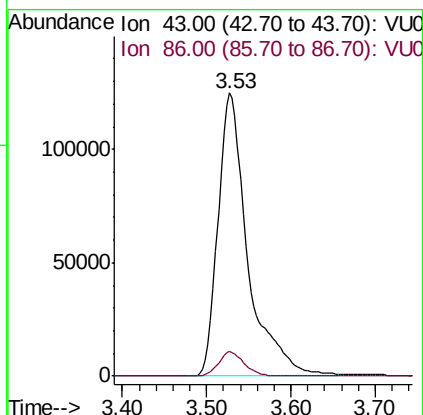
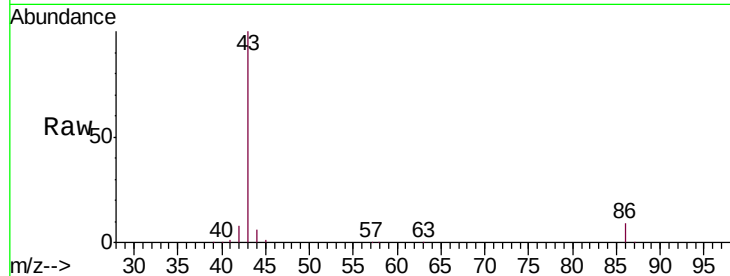




#23
 Vinyl Acetate
 Concen: 76.085 ug/l
 RT: 3.53 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

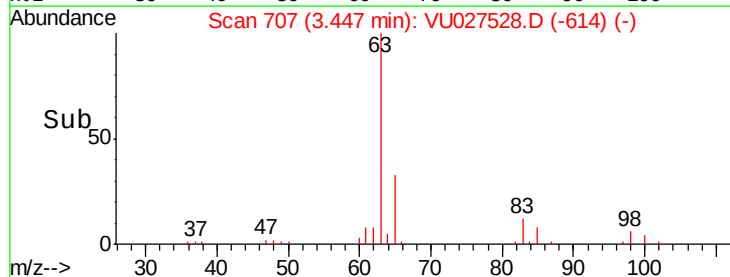
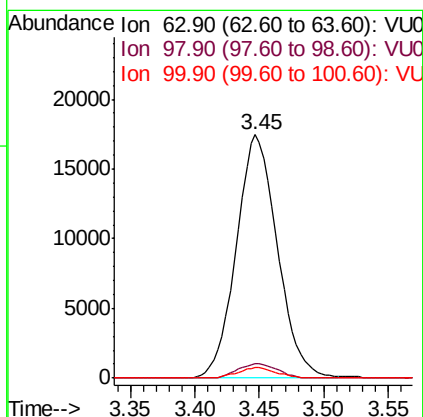
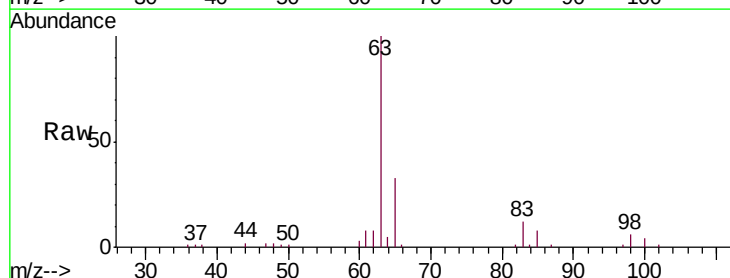
Instrument :
 MSVOA_U
 ClientSampled :
 VU1010WBS01

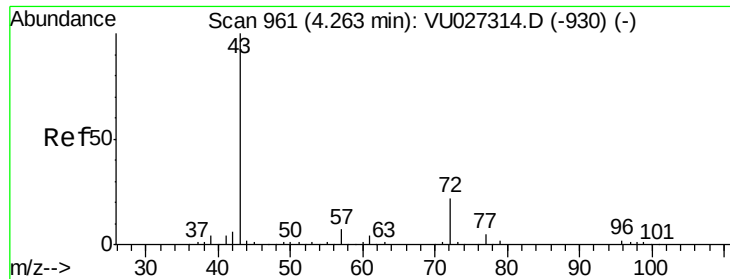
Tgt Ion: 43 Resp: 306677
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 16.332 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion: 63 Resp: 38751
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.2
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 84.709 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

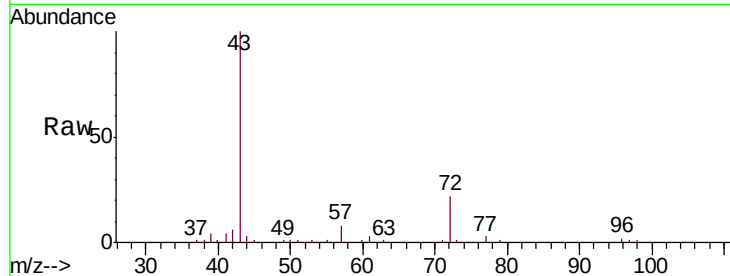
VU1010WBS01

Tgt Ion: 43 Resp: 103160

Ion Ratio Lower Upper

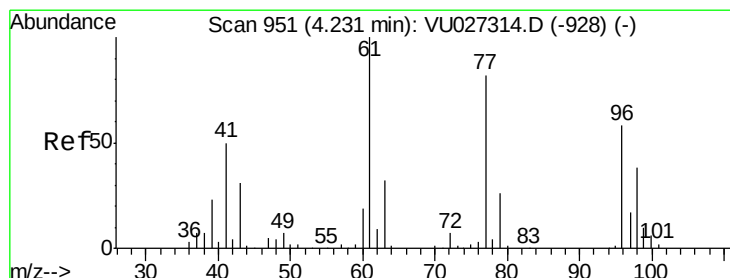
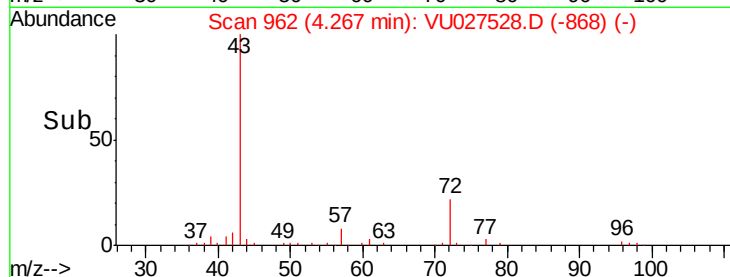
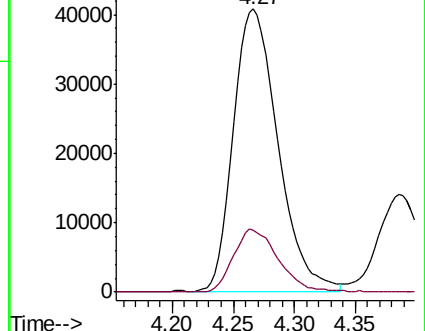
43 100

72 22.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 15.937 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027528.D

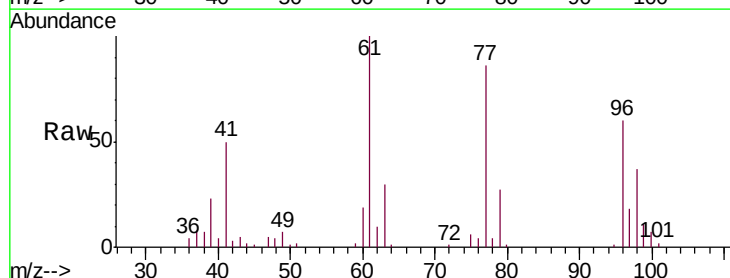
Acq: 09 Oct 2018 18:01

Tgt Ion: 77 Resp: 31071

Ion Ratio Lower Upper

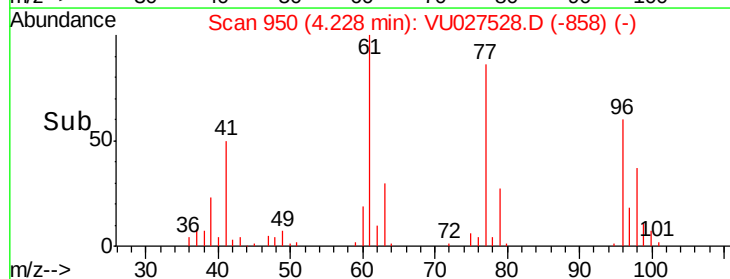
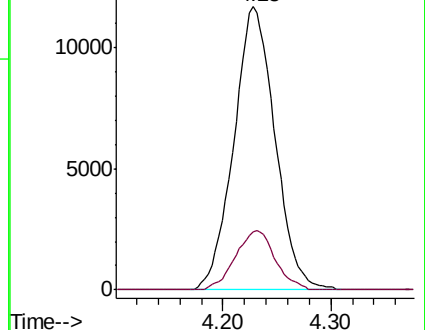
77 100

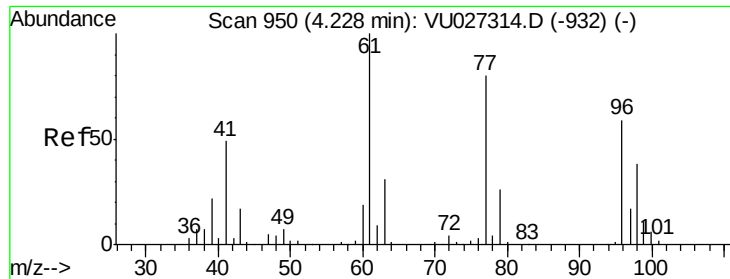
97 20.2 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

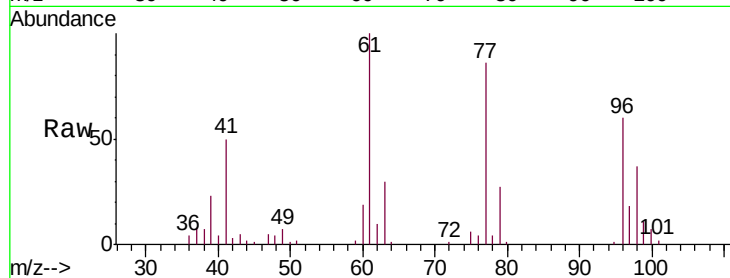




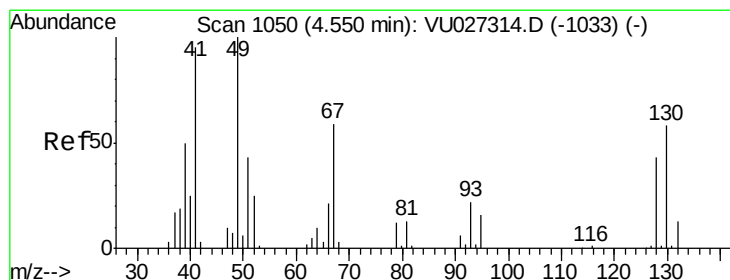
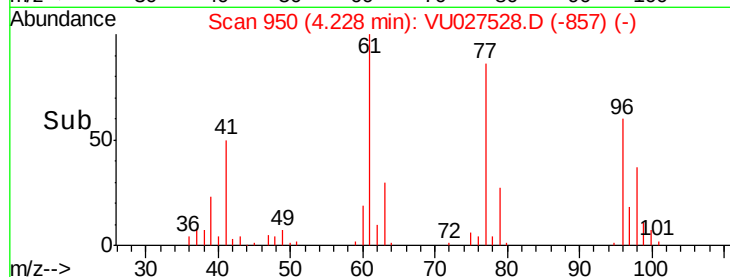
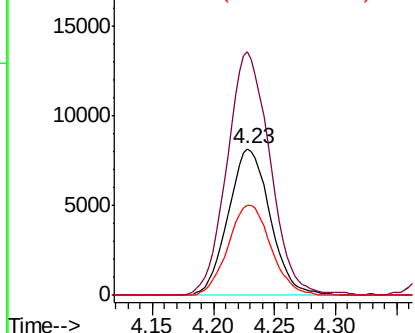
#27
 cis-1,2-Dichloroethene
 Concen: 15.859 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

Tgt Ion: 96 Resp: 19471
 Ion Ratio Lower Upper
 96 100
 61 171.2 0.0 343.8
 98 62.7 0.0 129.0

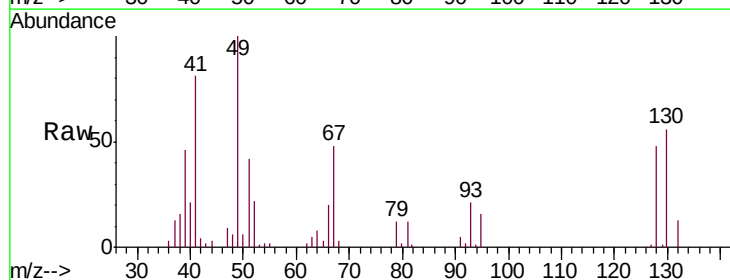


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

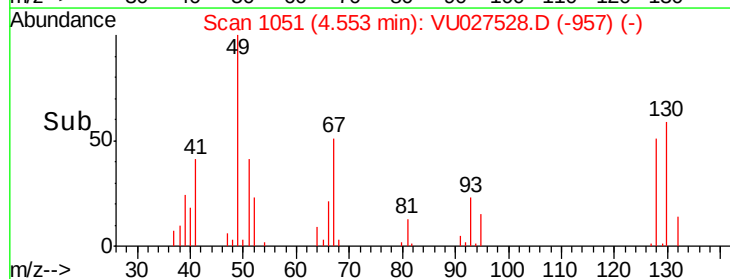
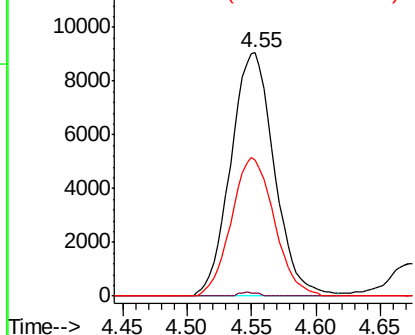


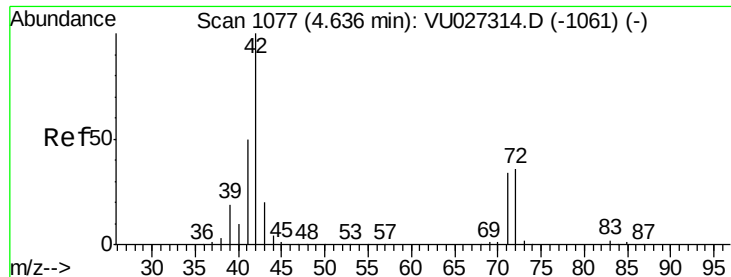
#28
 Bromochloromethane
 Concen: 18.579 ug/l
 RT: 4.55 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion: 49 Resp: 21268
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.0
 130 56.2 46.1 69.1



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

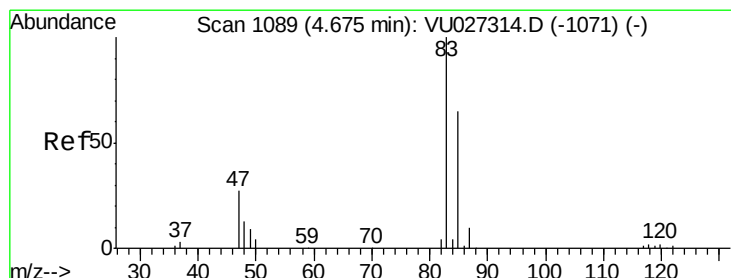
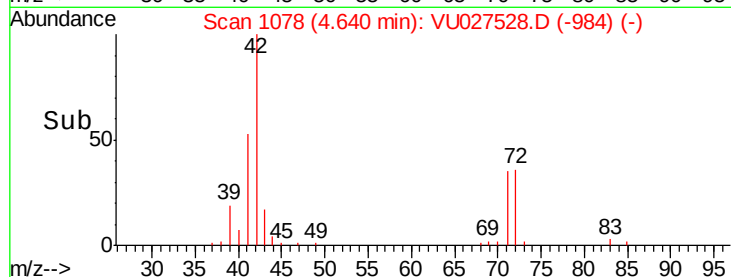
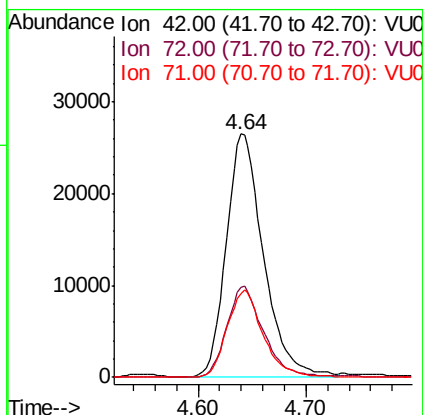
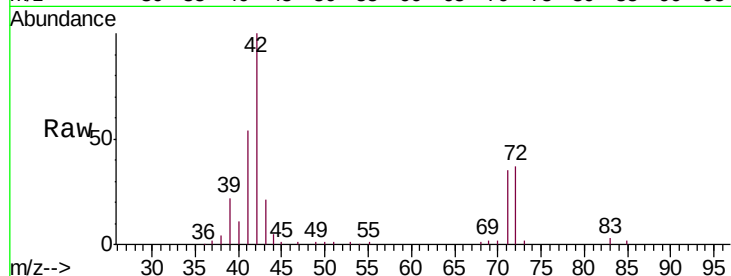




#29
Tetrahydrofuran
Concen: 83.151 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

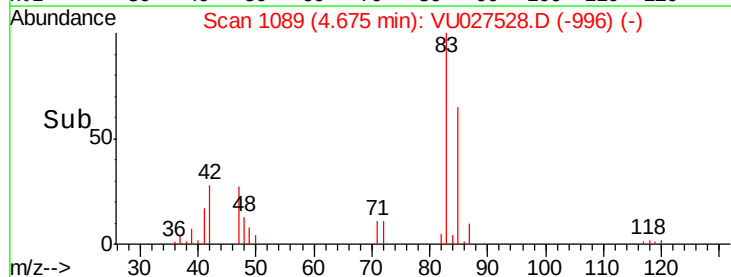
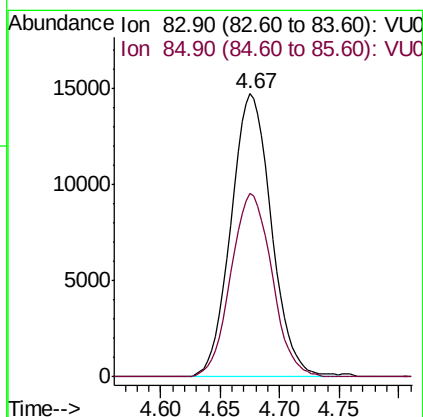
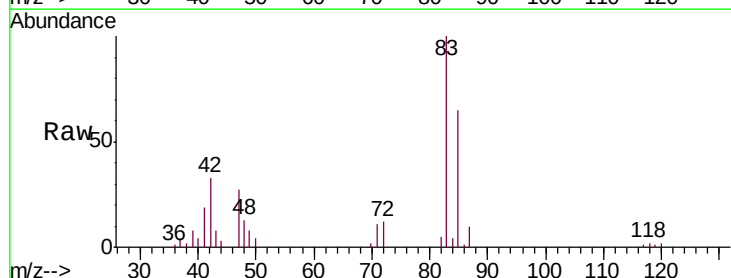
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

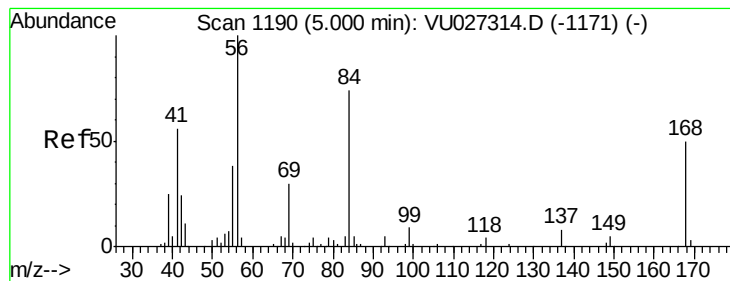
Tgt Ion: 42 Resp: 63817
Ion Ratio Lower Upper
42 100
72 36.7 30.1 45.1
71 34.6 27.7 41.5



#30
Chloroform
Concen: 16.470 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion: 83 Resp: 34720
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6





#31

Cyclohexane

Concen: 14.624 ug/l

RT: 5.00 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

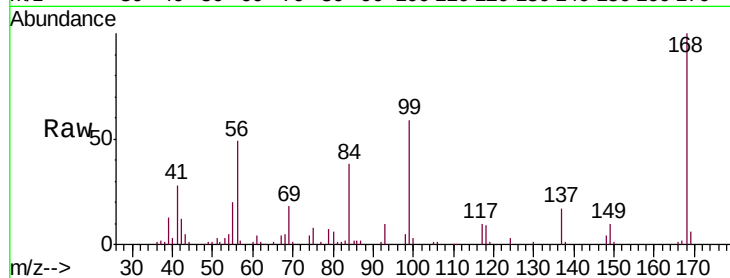
Tgt Ion: 56 Resp: 35865

Ion Ratio Lower Upper

56 100

69 36.2 24.1 36.1#

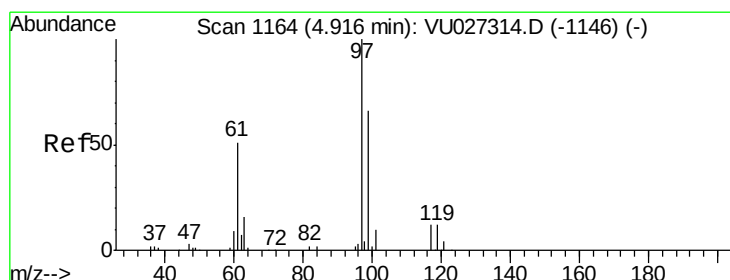
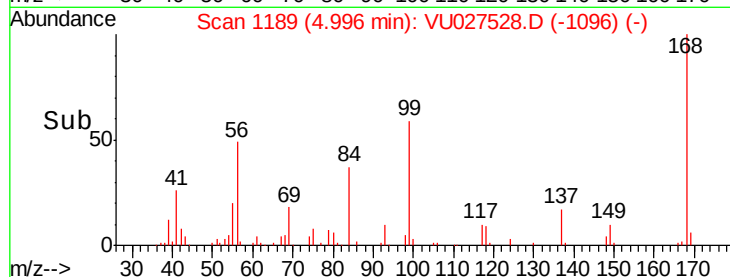
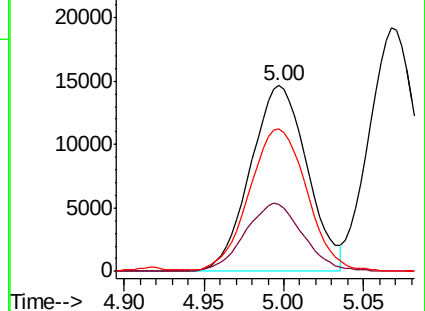
84 76.1 59.1 88.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 16.332 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

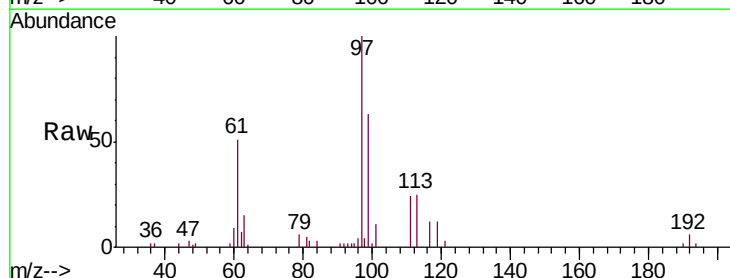
Tgt Ion: 97 Resp: 28997

Ion Ratio Lower Upper

97 100

99 62.9 51.1 76.7

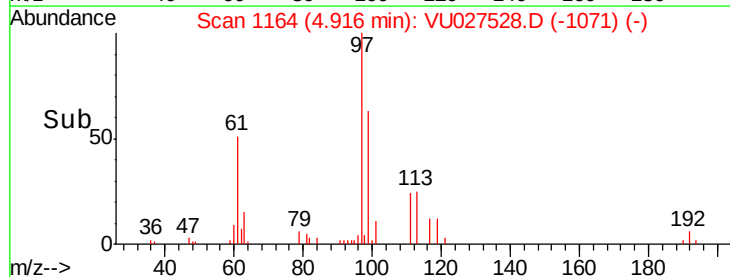
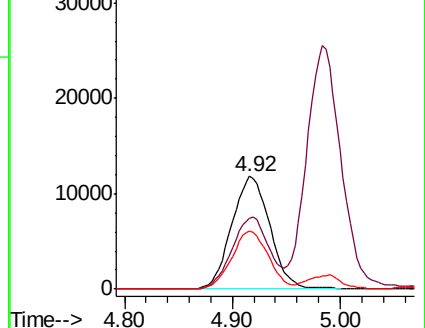
61 49.9 39.6 59.4

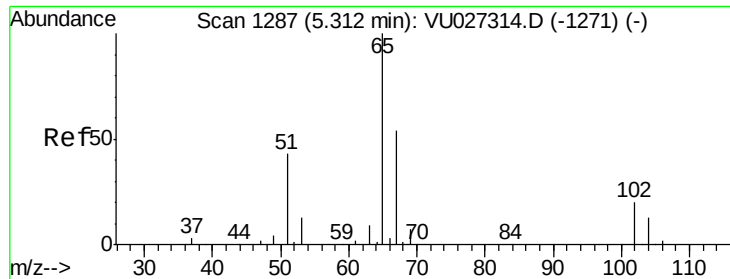


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

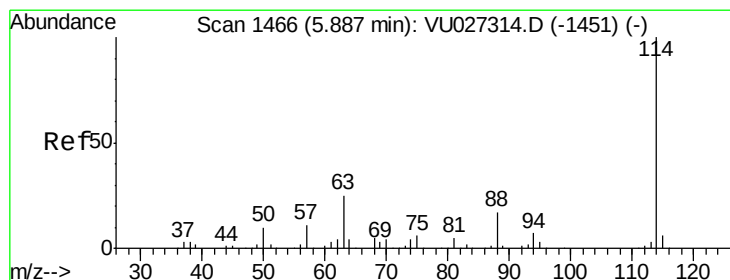
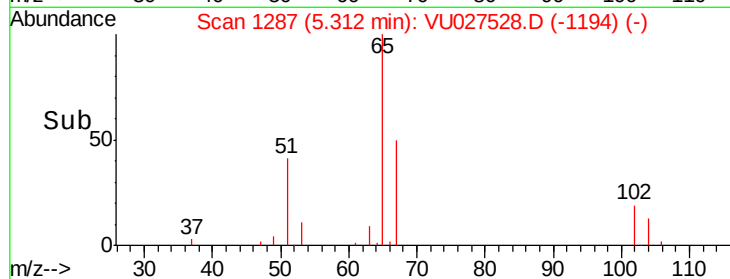
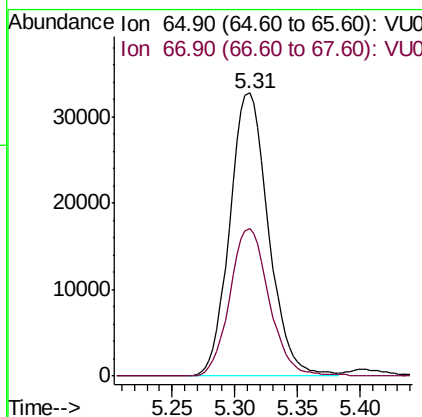
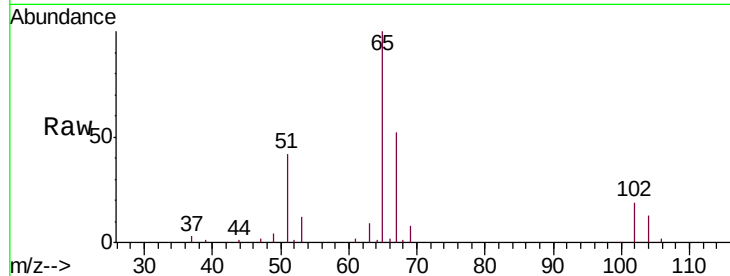




#33
 1,2-Dichloroethane-d4
 Concen: 46.494 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

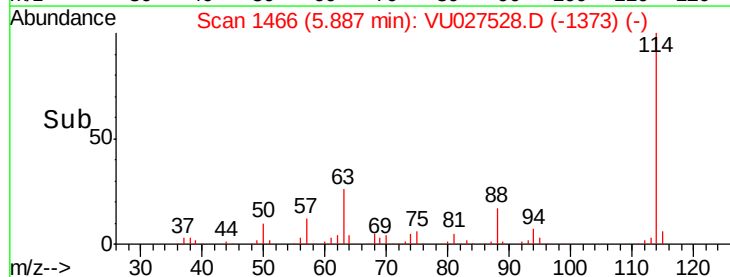
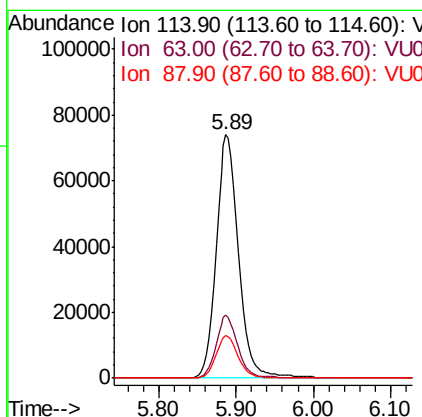
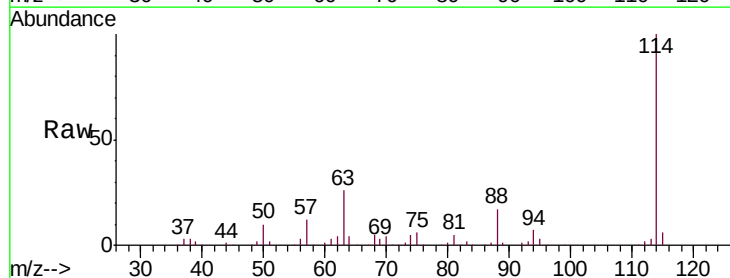
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

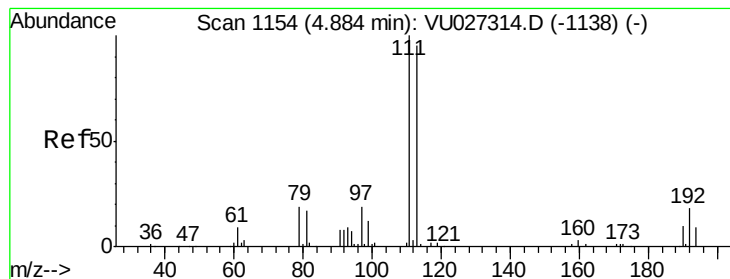
Tgt Ion: 65 Resp: 70284
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion: 114 Resp: 150082
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 50.2
 88 17.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.979 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

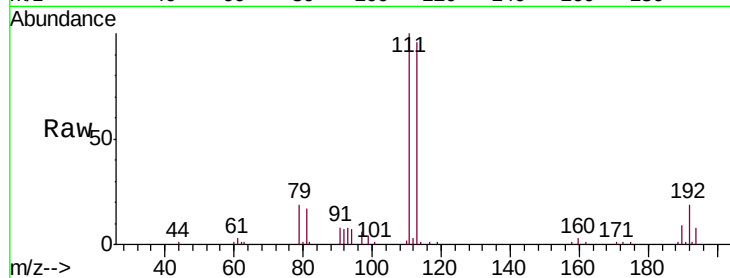
Tgt Ion: 113 Resp: 49349

Ion Ratio Lower Upper

113 100

111 101.9 83.1 124.7

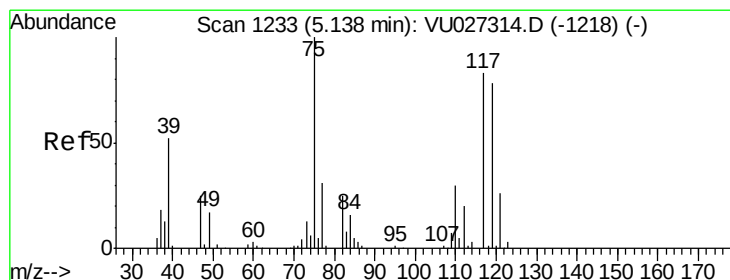
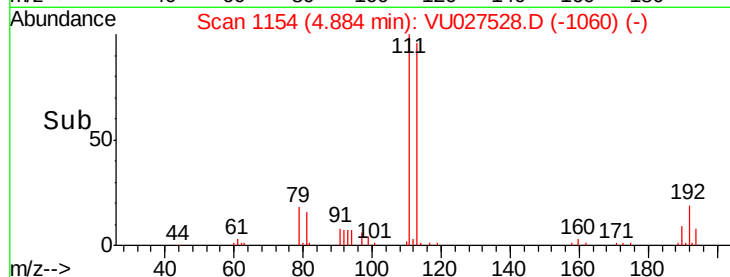
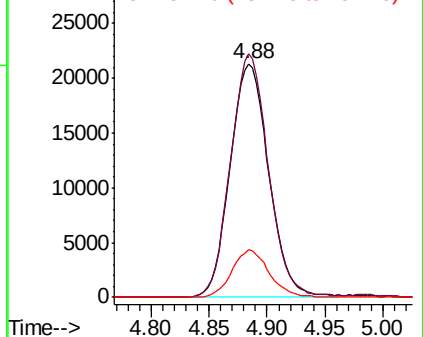
192 19.4 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 15.660 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

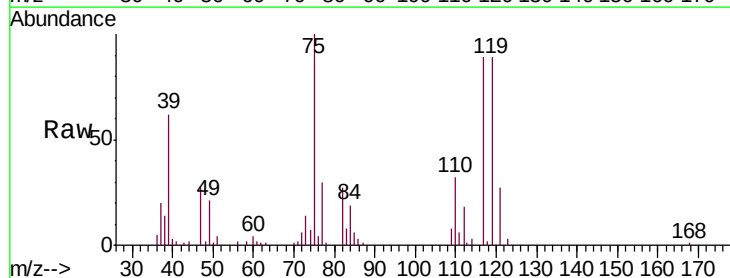
Tgt Ion: 75 Resp: 25519

Ion Ratio Lower Upper

75 100

110 30.1 15.5 46.5

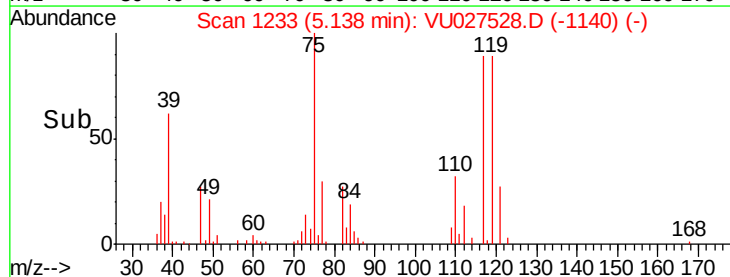
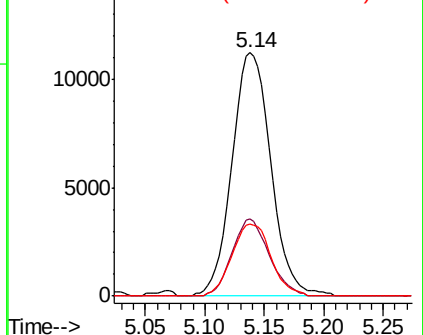
77 29.6 25.4 38.0

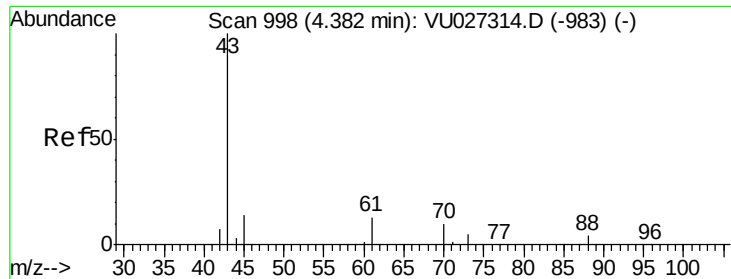


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 16.190 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

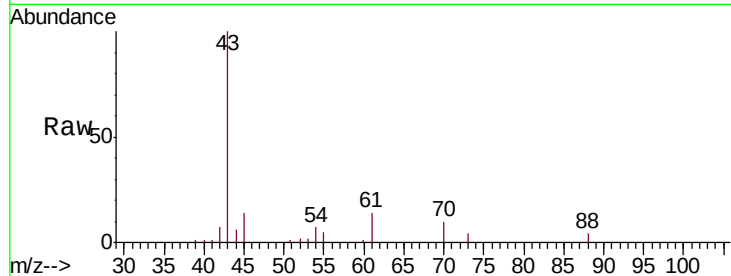
Tgt Ion: 43 Resp: 34096

Ion Ratio Lower Upper

43 100

61 13.8 10.7 16.1

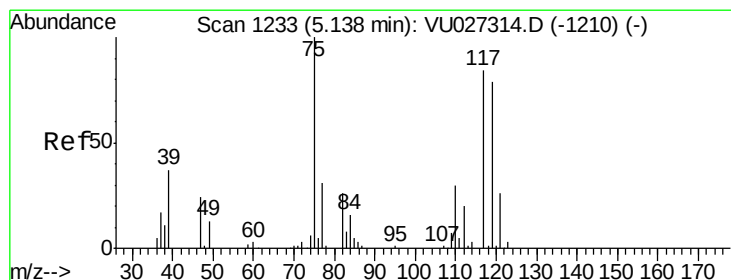
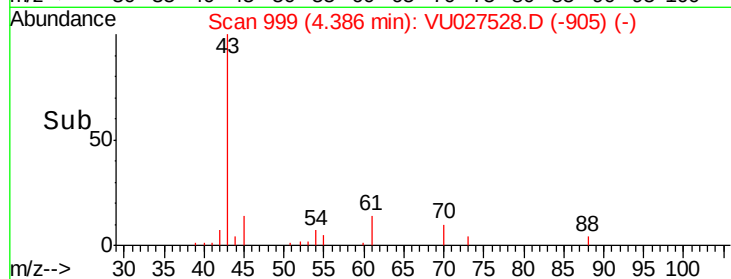
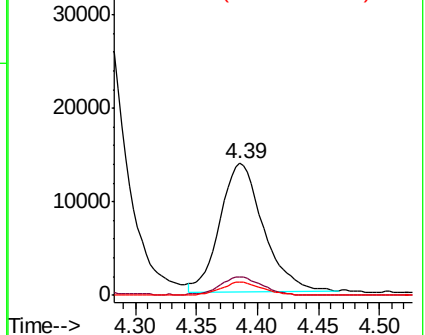
70 9.5 7.4 11.2



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

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

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



#38

Carbon Tetrachloride

Concen: 16.090 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

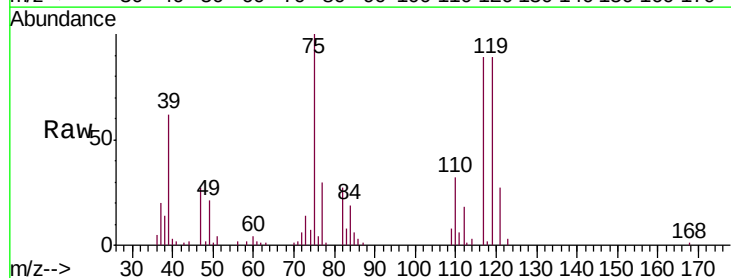
Tgt Ion: 117 Resp: 23684

Ion Ratio Lower Upper

117 100

119 100.0 74.5 111.7

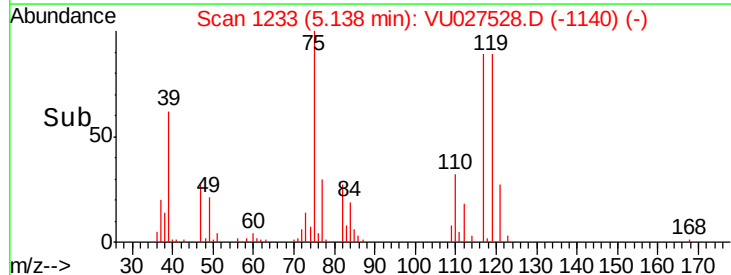
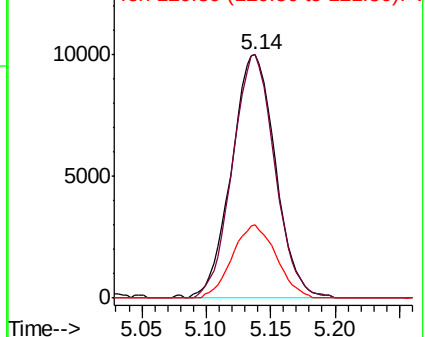
121 29.9 24.6 37.0

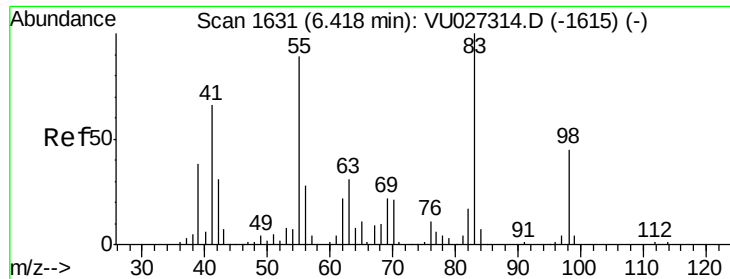


Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)

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

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

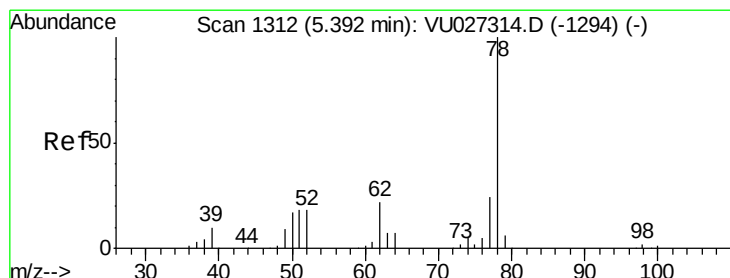
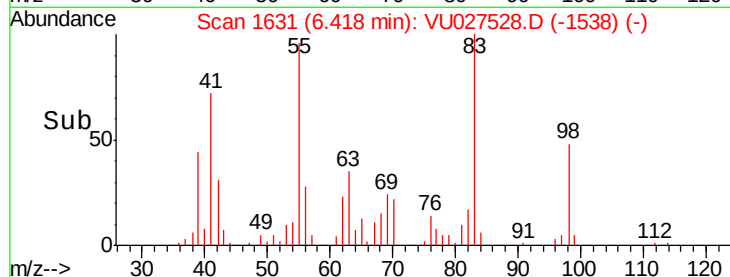
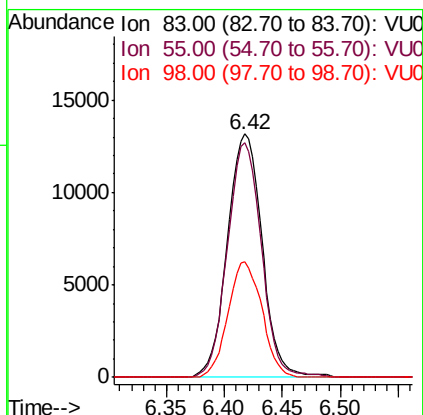
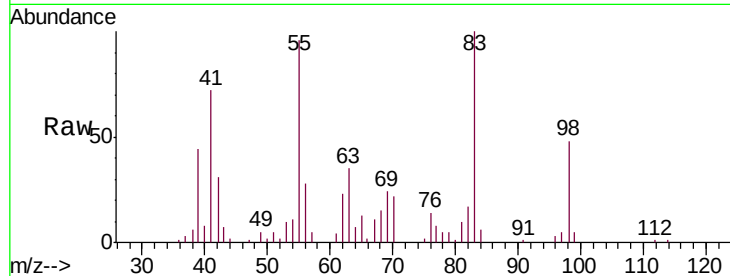




#39
Methylcyclohexane
Concen: 14.322 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

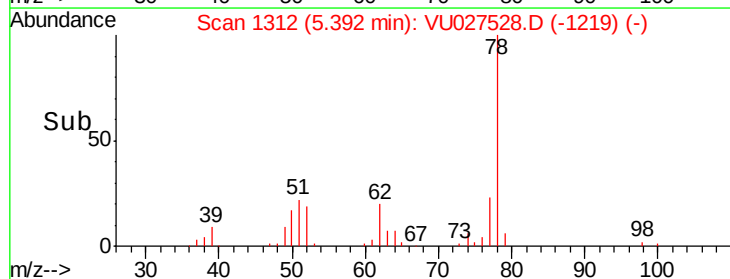
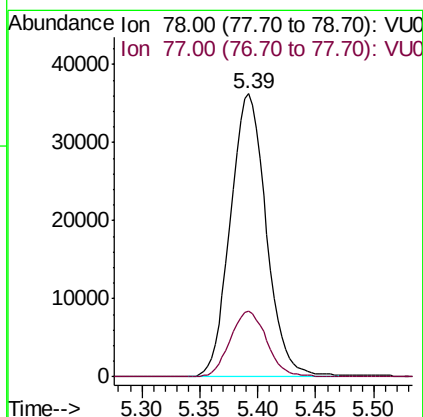
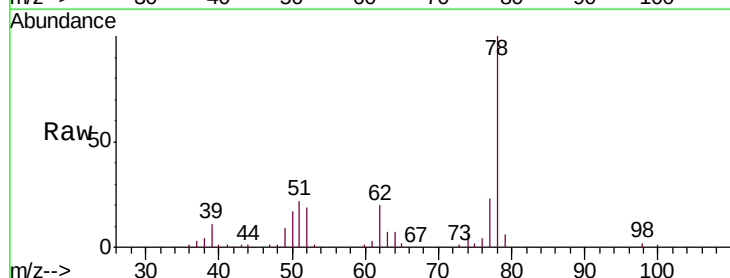
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

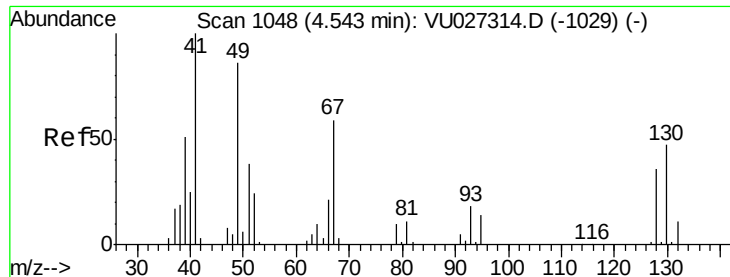
Tgt Ion: 83 Resp: 27282
Ion Ratio Lower Upper
83 100
55 96.2 71.1 106.7
98 47.5 36.3 54.5



#40
Benzene
Concen: 16.428 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion: 78 Resp: 77980
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9

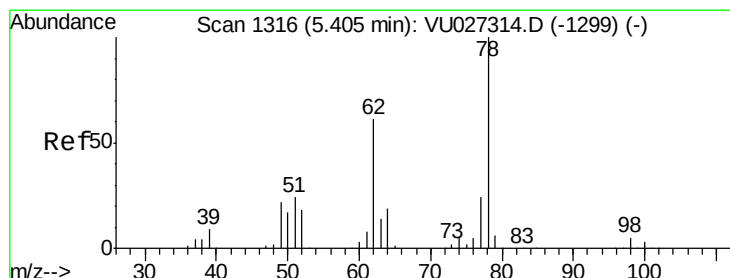
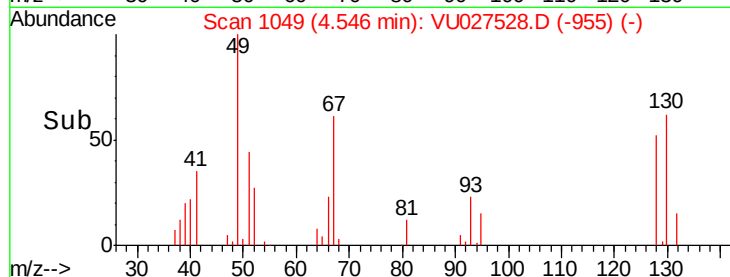
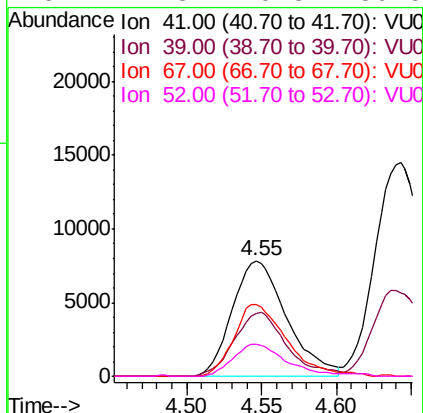
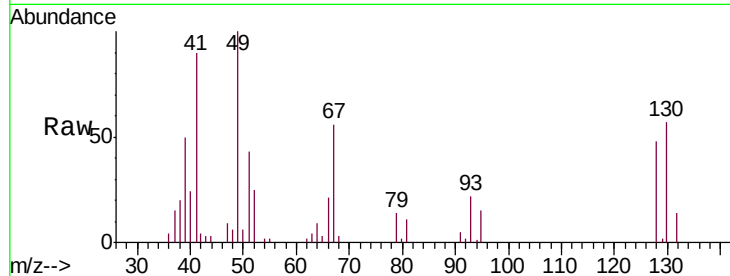




#41
Methacrylonitrile
Concen: 16.630 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

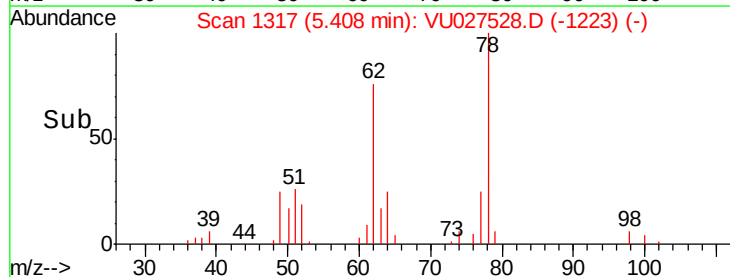
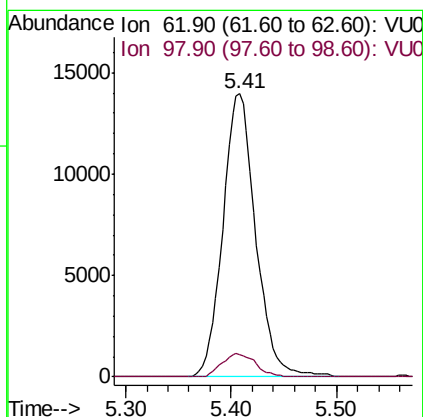
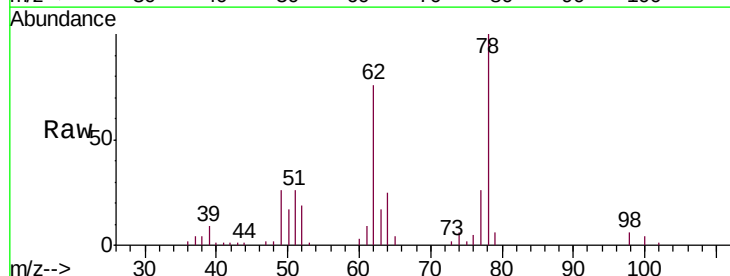
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

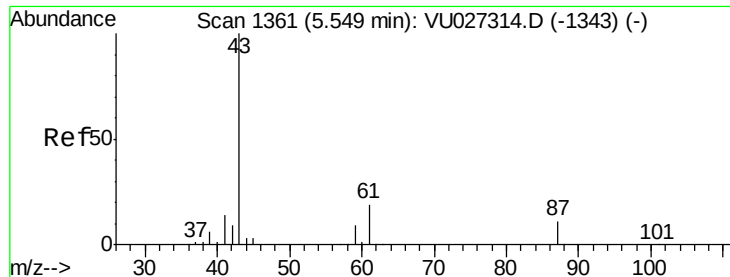
Tgt Ion:	41	Resp:	19796
Ion	Ratio	Lower	Upper
41	100		
39	53.5	41.1	61.7
67	60.8	50.4	75.6
52	27.8	20.3	30.5



#42
1,2-Dichloroethane
Concen: 17.091 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion:	62	Resp:	30114
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8

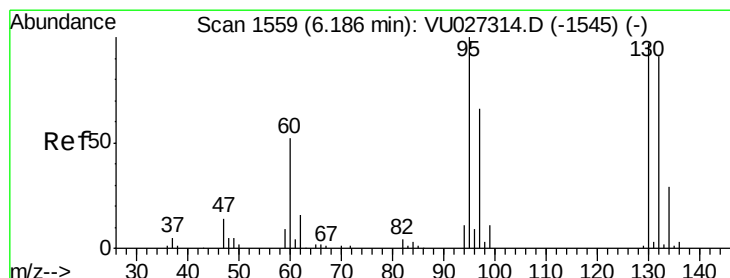
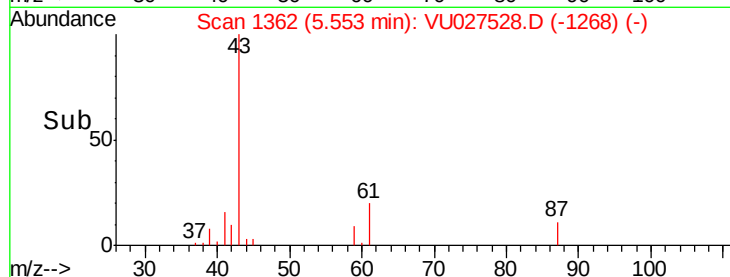
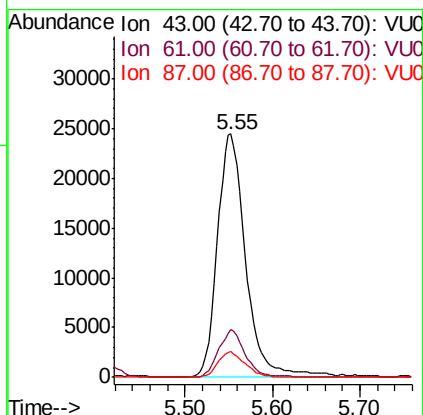
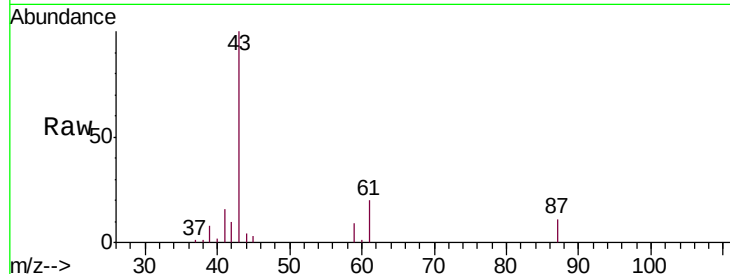




#43
Isopropyl Acetate
Concen: 16.820 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

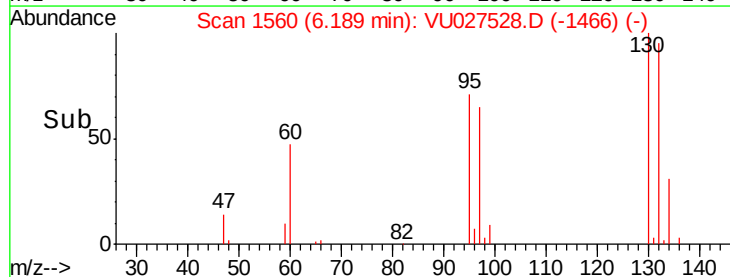
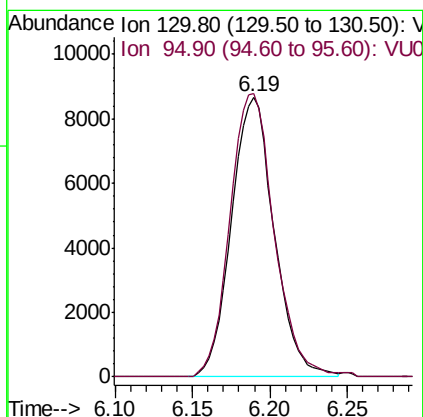
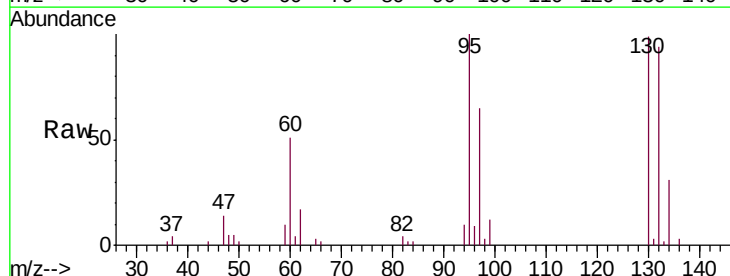
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

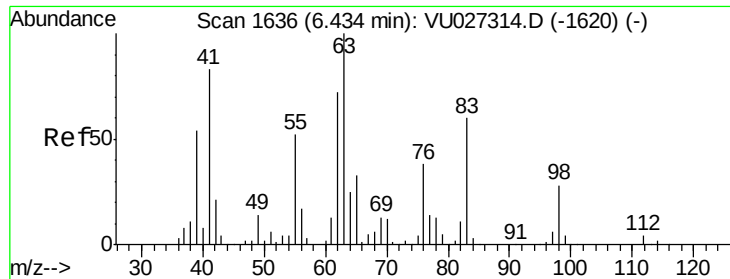
Tgt Ion: 43 Resp: 55017
Ion Ratio Lower Upper
43 100
61 18.3 15.3 22.9
87 10.1 8.6 13.0



#44
Trichloroethene
Concen: 15.726 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion: 130 Resp: 16645
Ion Ratio Lower Upper
130 100
95 101.2 0.0 207.0





#45

1,2-Dichloropropane

Concen: 16.695 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

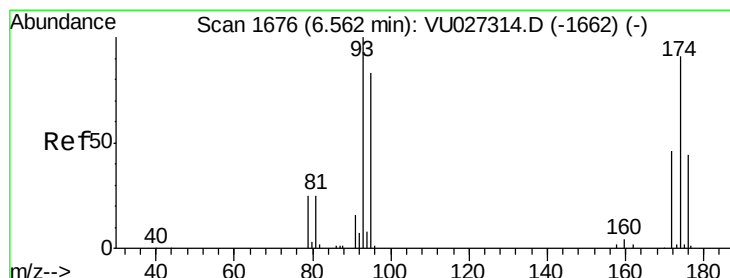
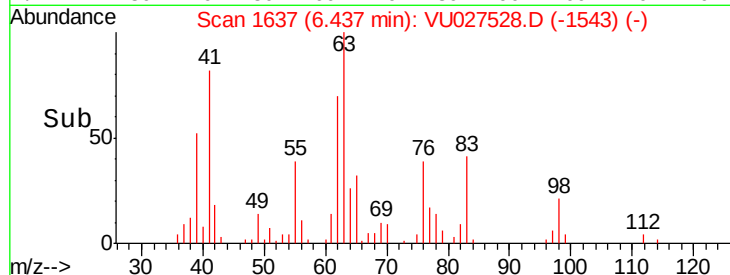
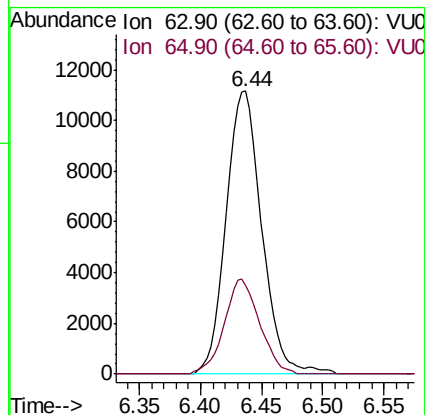
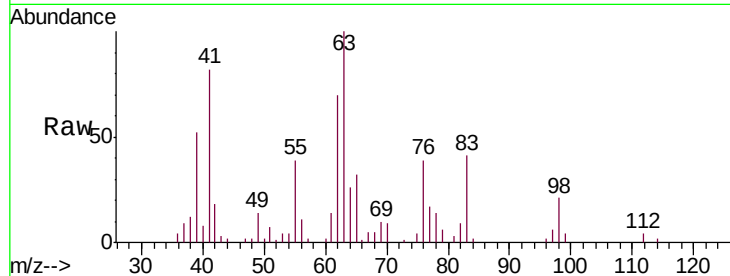
VU1010WBS01

Tgt Ion: 63 Resp: 22857

Ion Ratio Lower Upper

63 100

65 31.6 26.0 39.0



#46

Dibromomethane

Concen: 17.240 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

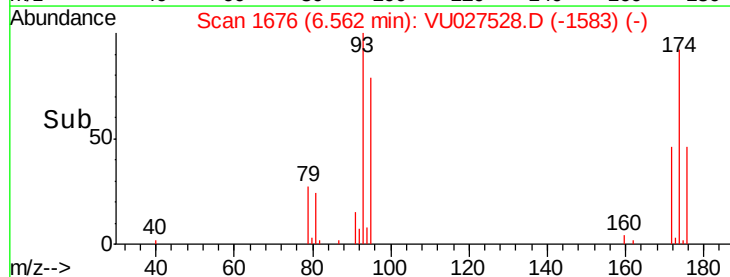
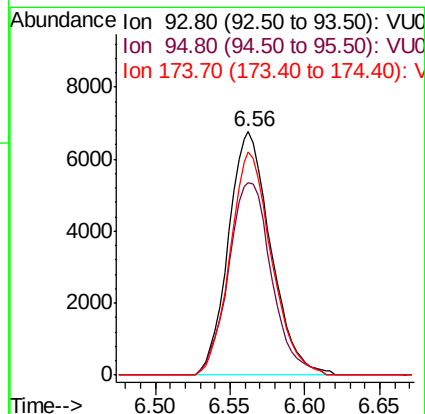
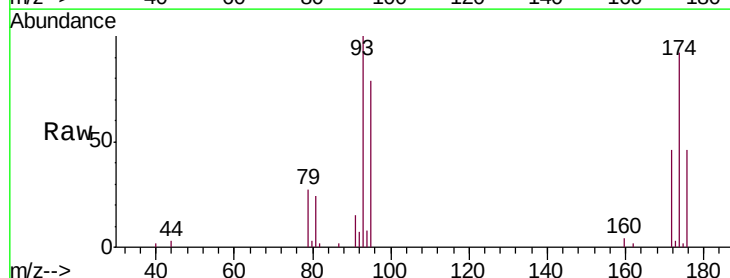
Tgt Ion: 93 Resp: 13331

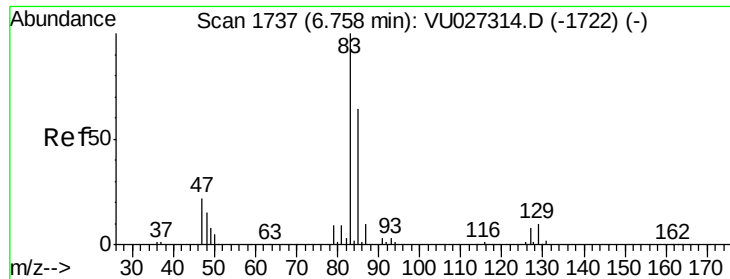
Ion Ratio Lower Upper

93 100

95 80.0 66.5 99.7

174 89.4 72.5 108.7





#47

Bromodichloromethane

Concen: 16.488 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

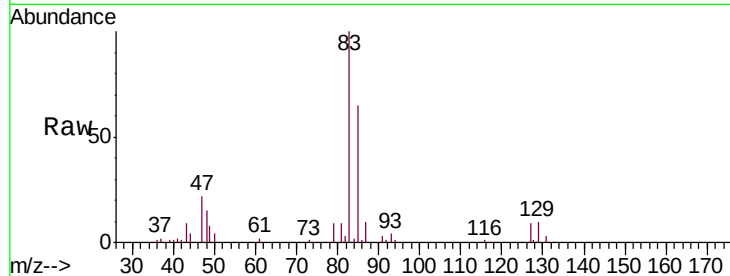
Tgt Ion: 83 Resp: 26455

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.0

127 8.6 6.3 9.5

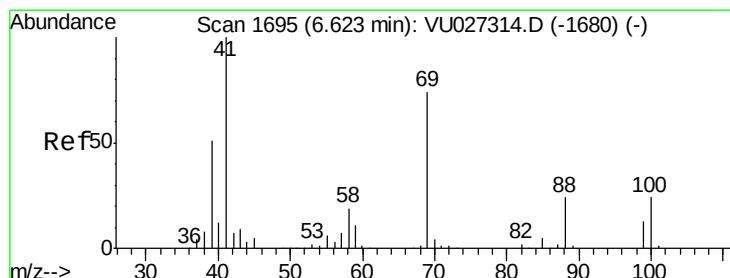
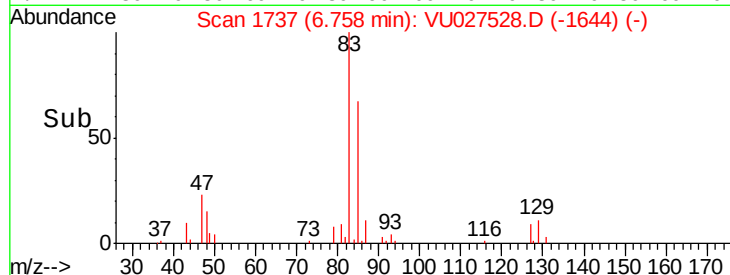


Abundance Ion 82.90 (82.60 to 83.60): VU027528.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027528.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027528.D (-1644) (-)

Time-->



#48

Methyl methacrylate

Concen: 16.020 ug/l

RT: 6.63 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

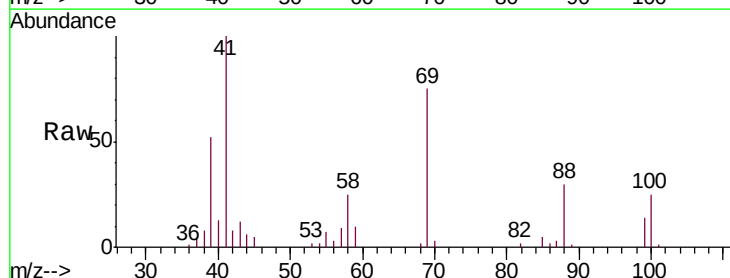
Tgt Ion: 41 Resp: 26057

Ion Ratio Lower Upper

41 100

69 73.1 61.0 91.4

39 52.1 39.9 59.9

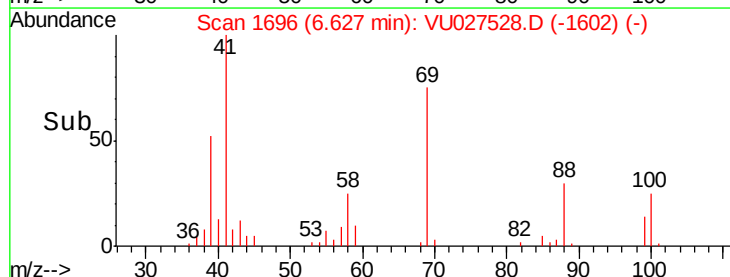


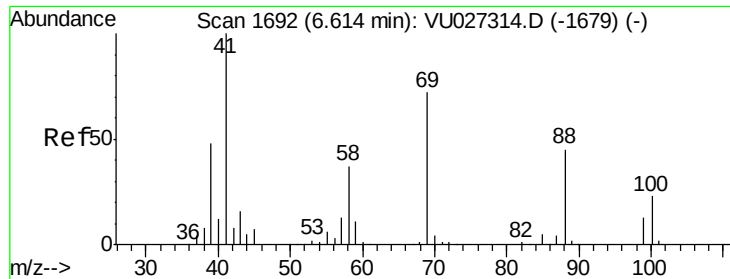
Abundance Ion 41.00 (40.70 to 41.70): VU027528.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027528.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027528.D (-1602) (-)

Time-->

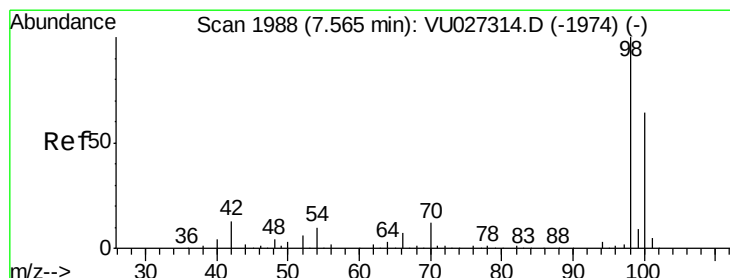
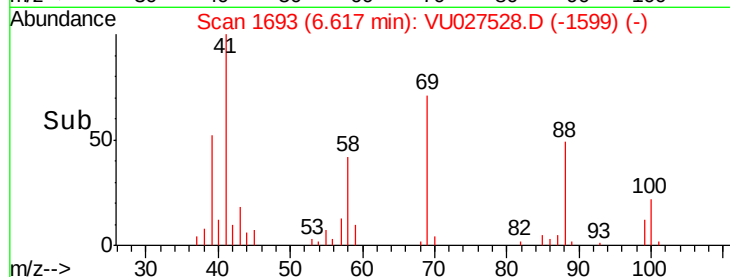
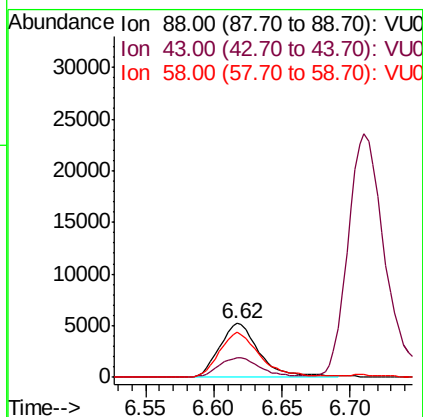
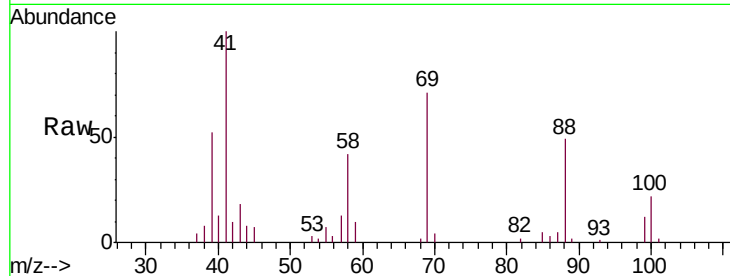




#49
1,4-Dioxane
Concen: 379.969 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

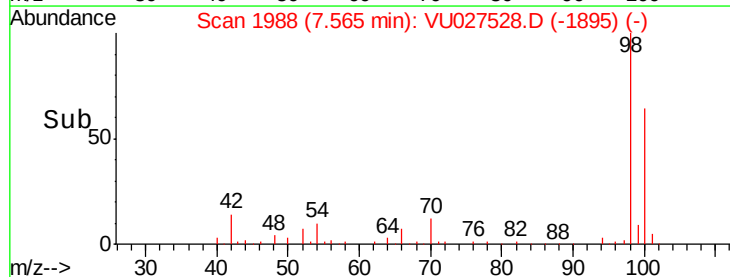
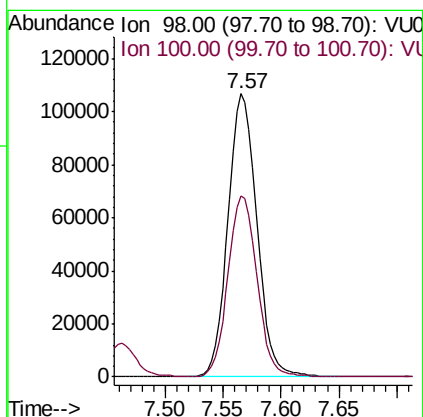
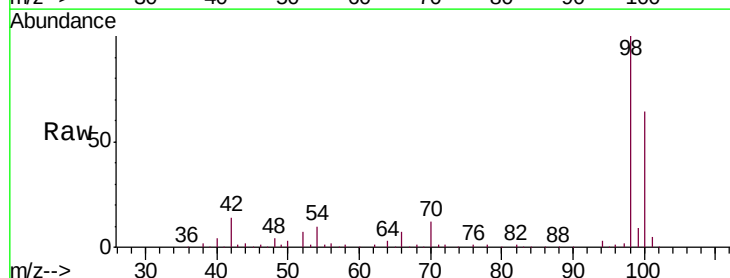
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

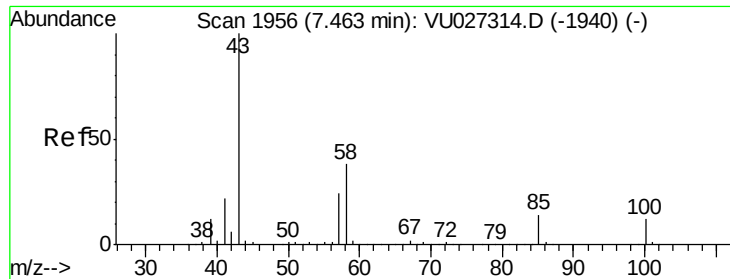
Tgt Ion: 88 Resp: 10634
Ion Ratio Lower Upper
88 100
43 39.0 30.8 46.2
58 84.4 67.0 100.6



#50
Toluene-d8
Concen: 47.986 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion: 98 Resp: 184725
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 85.575 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

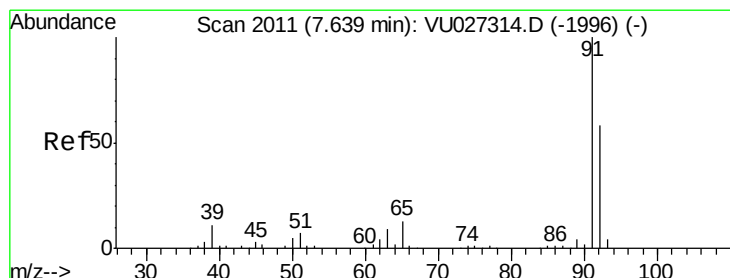
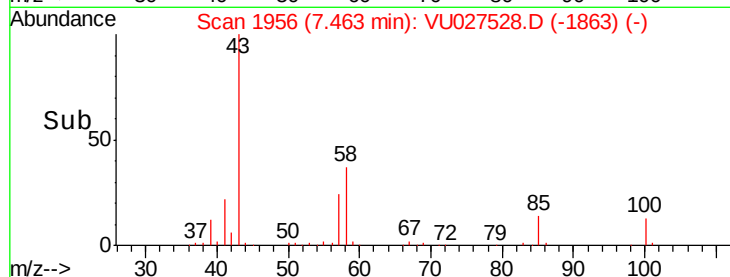
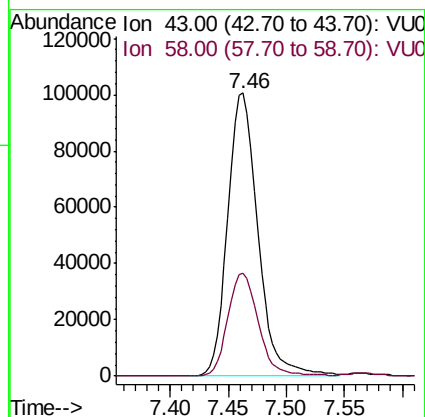
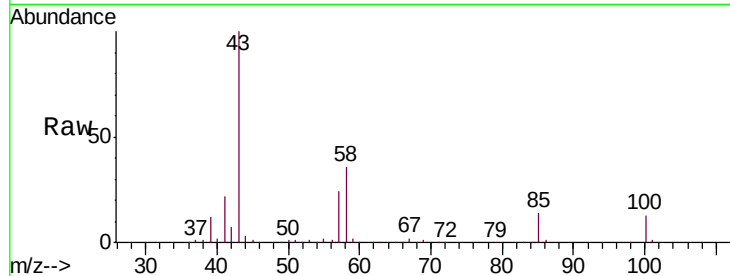
VU1010WBS01

Tgt Ion: 43 Resp: 181886

Ion Ratio Lower Upper

43 100

58 36.7 29.8 44.8



#52

Toluene

Concen: 16.024 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027528.D

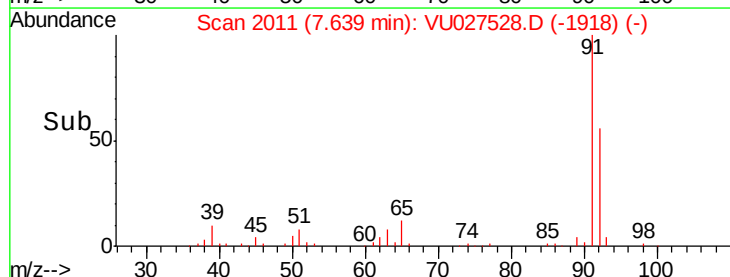
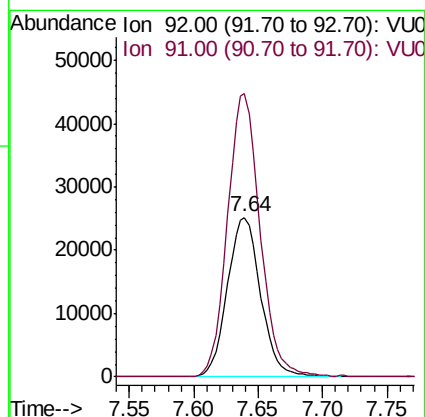
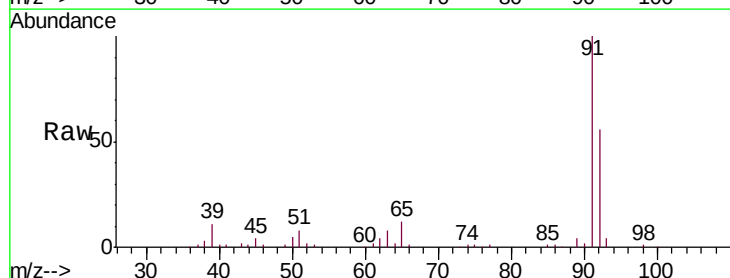
Acq: 09 Oct 2018 18:01

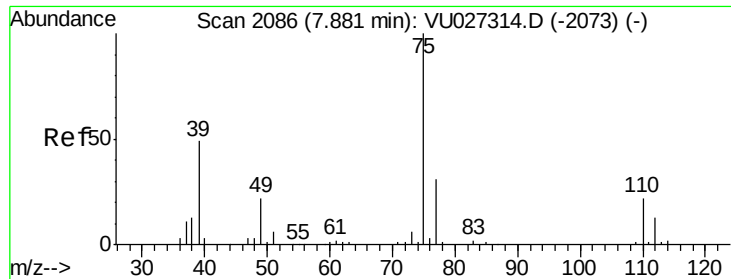
Tgt Ion: 92 Resp: 45020

Ion Ratio Lower Upper

92 100

91 174.4 138.6 208.0

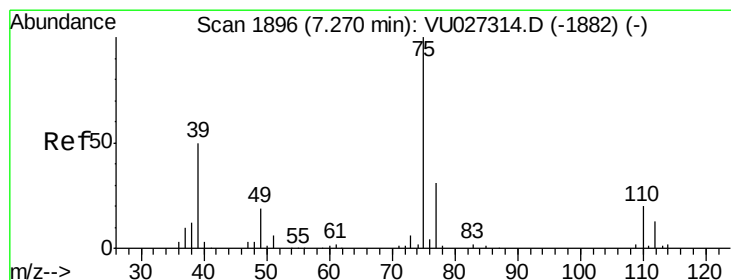
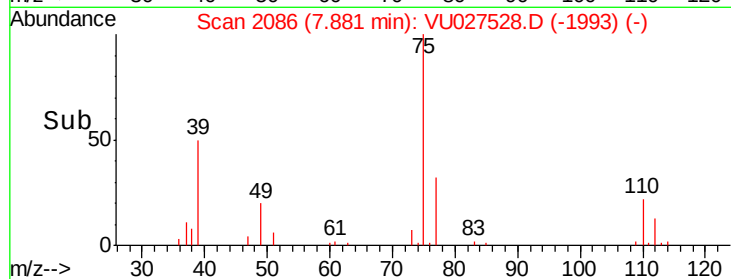
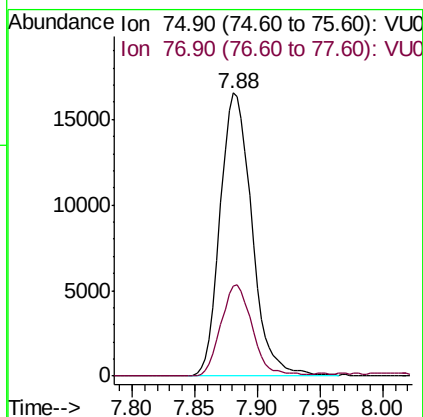
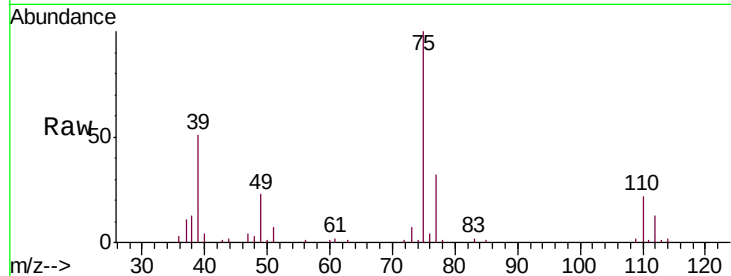




#53
 t-1,3-Dichloropropene
 Concen: 15.495 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

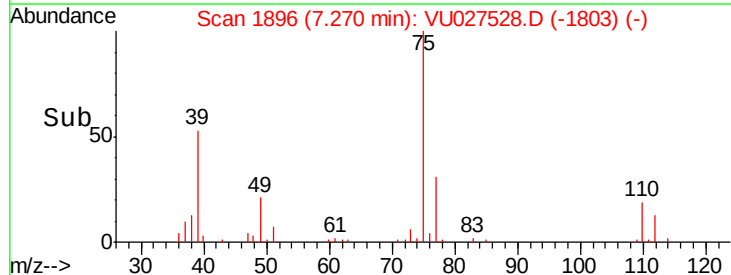
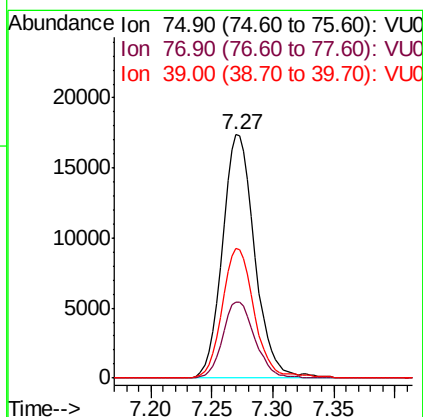
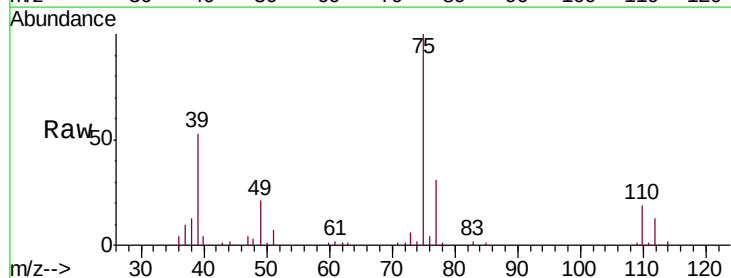
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

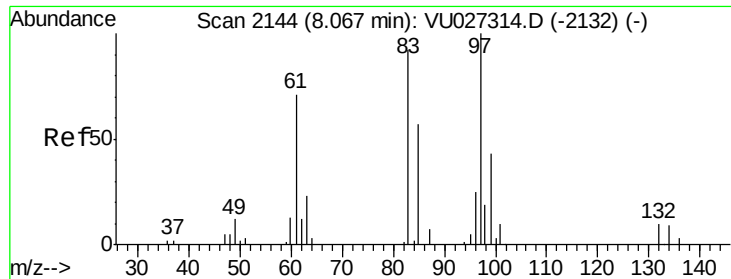
Tgt Ion: 75 Resp: 29150
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 15.979 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion: 75 Resp: 32315
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.5 36.7
 39 53.3 40.1 60.1

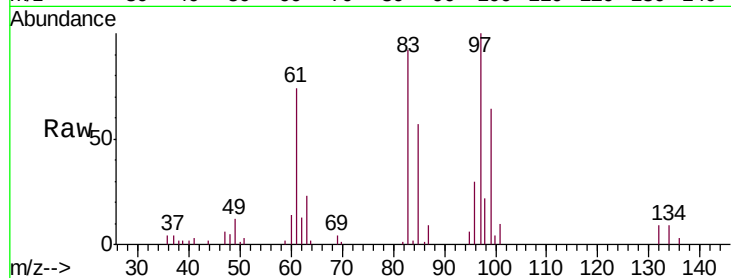




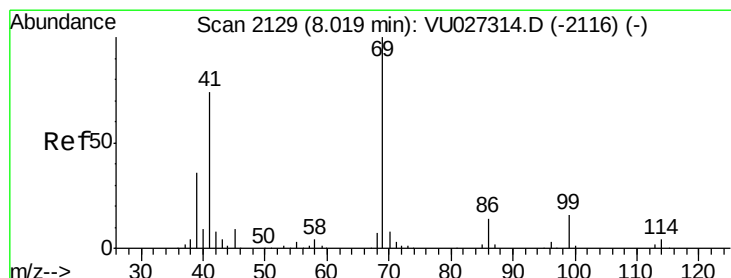
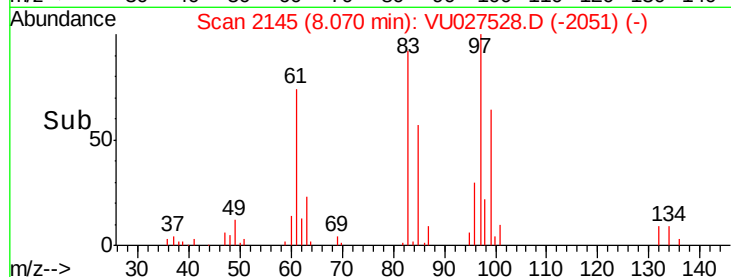
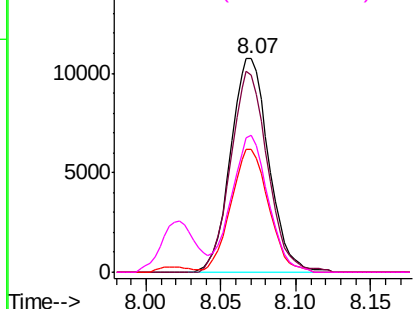
#55
 1,1,2-Trichloroethane
 Concen: 17.090 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

Tgt Ion:	97	Resp:	19037
Ion	Ratio	Lower	Upper
97	100		
83	92.3	73.0	109.6
85	57.4	47.3	70.9
99	64.3	49.7	74.5

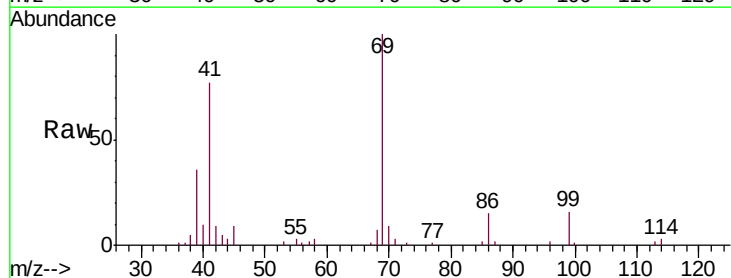


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

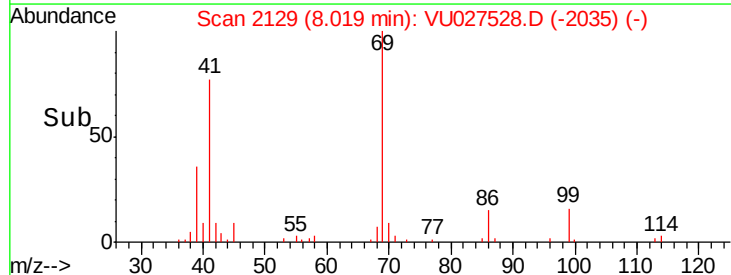
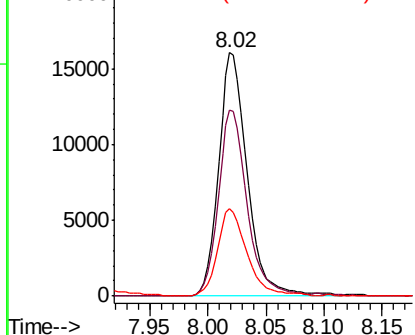


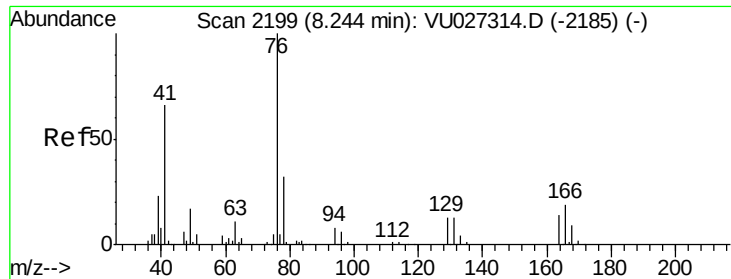
#56
 Ethyl methacrylate
 Concen: 14.652 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion:	69	Resp:	27666
Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.0	90.0
39	37.1	29.5	44.3



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

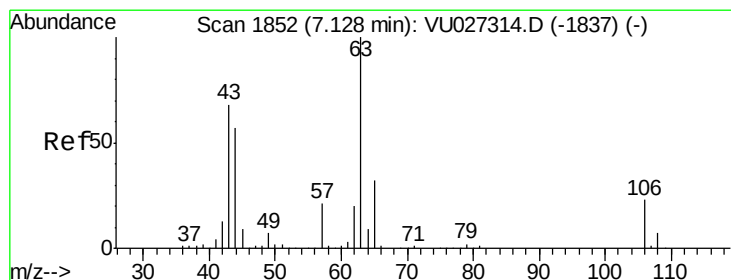
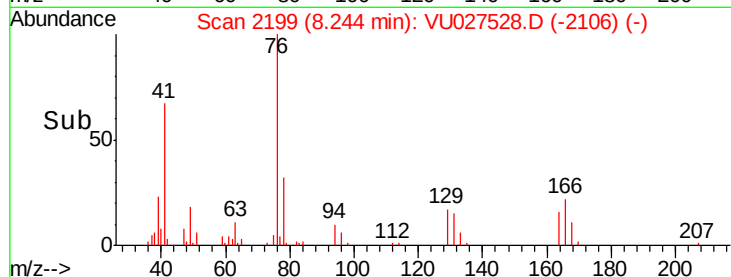
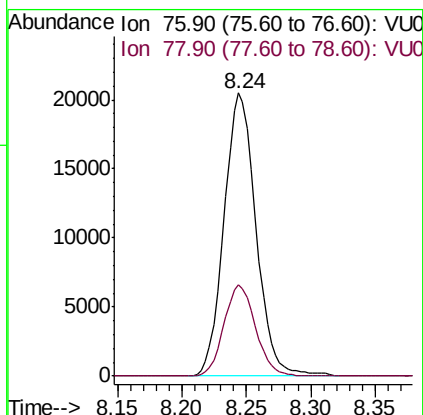
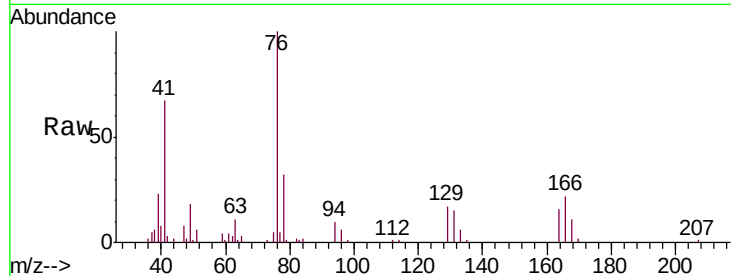




#57
 1,3-Dichloropropane
 Concen: 16.297 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

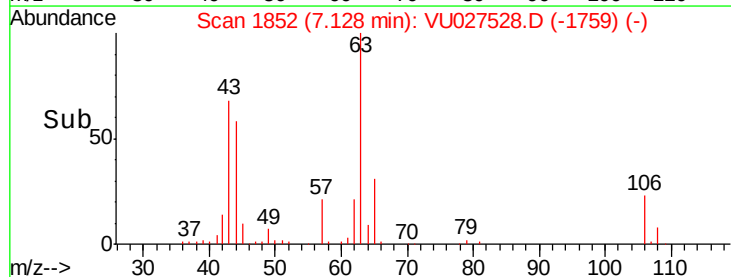
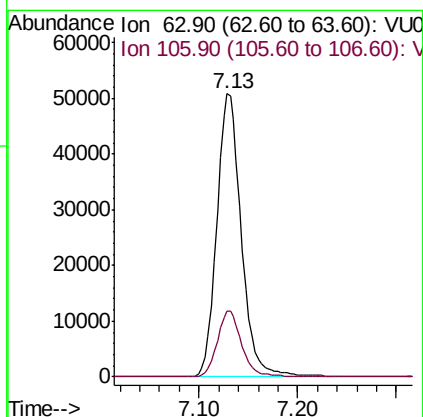
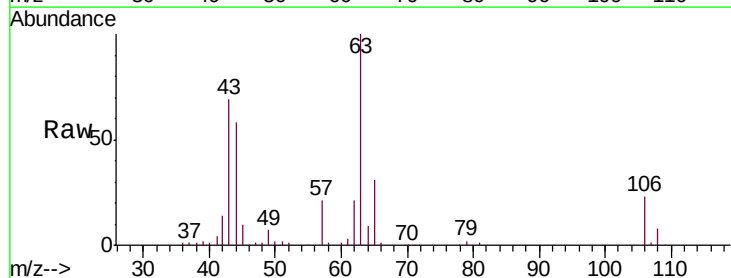
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

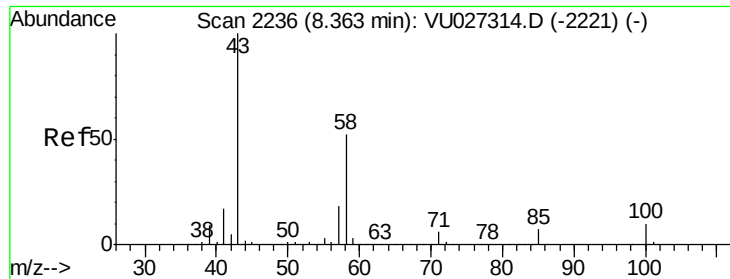
Tgt Ion: 76 Resp: 35242
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.349 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion: 63 Resp: 88572
 Ion Ratio Lower Upper
 63 100
 106 23.1 18.5 27.7

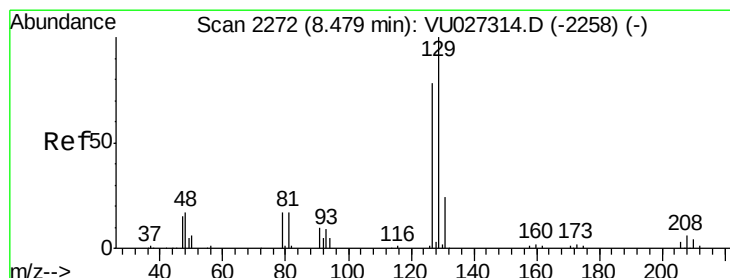
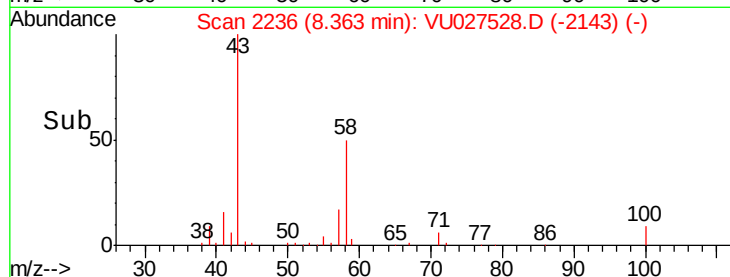
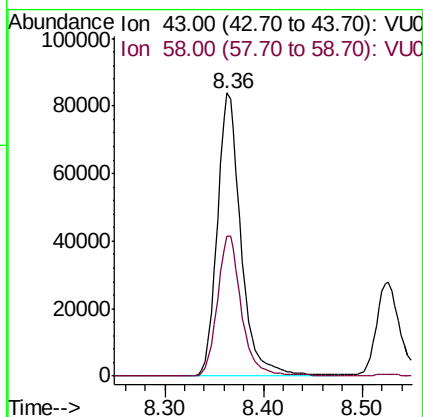
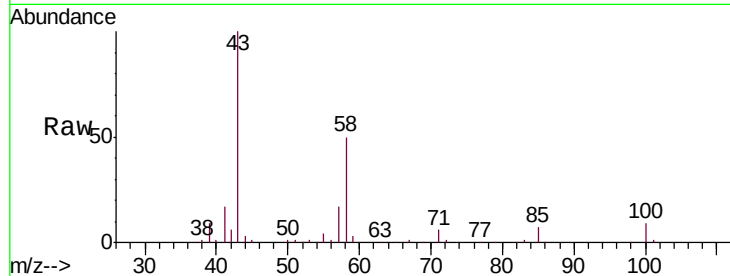




#59
2-Hexanone
Concen: 85.836 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

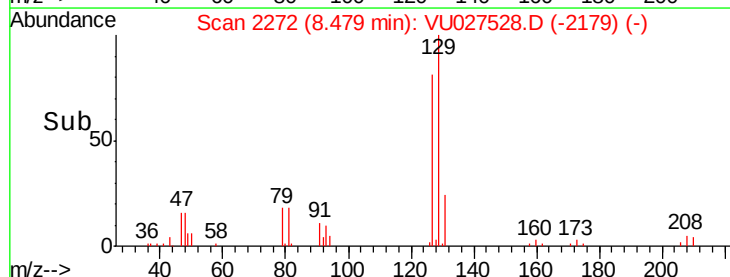
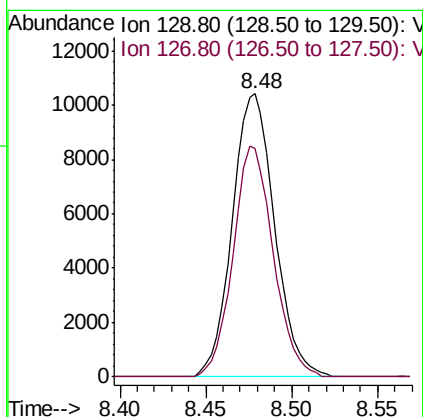
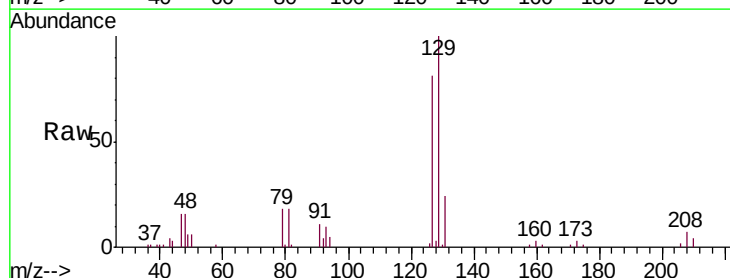
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

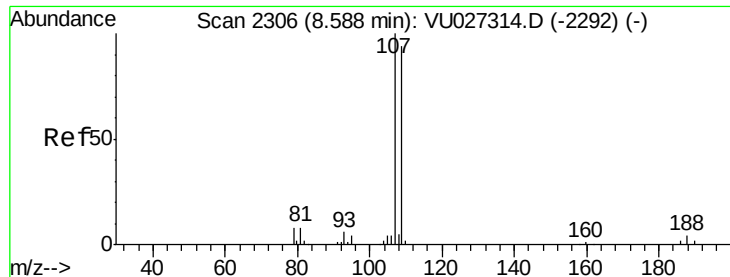
Tgt Ion: 43 Resp: 141524
Ion Ratio Lower Upper
43 100
58 50.4 26.1 78.3



#60
Dibromochloromethane
Concen: 16.045 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion: 129 Resp: 17926
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 16.415 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

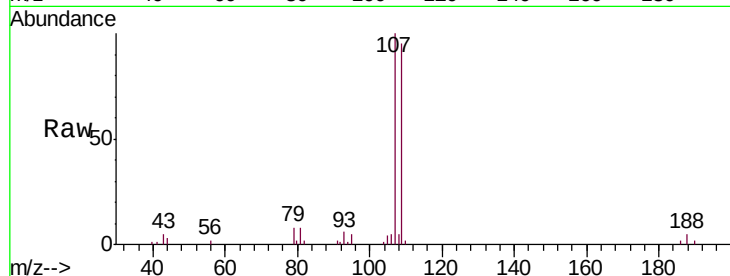
VU1010WBS01

Tgt Ion: 107 Resp: 19441

Ion Ratio Lower Upper

107 100

109 94.6 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

12000

10000

8000

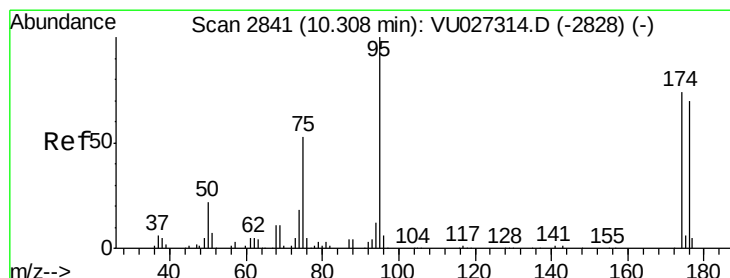
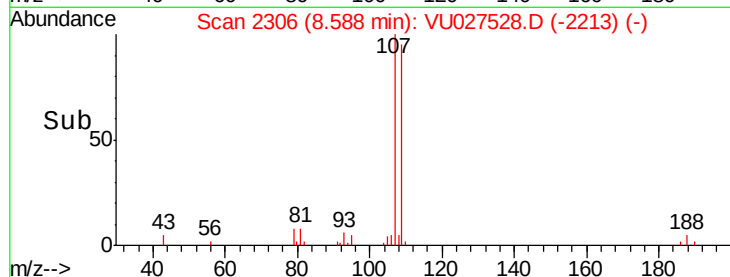
6000

4000

2000

0

Time--> 8.50 8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 45.908 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

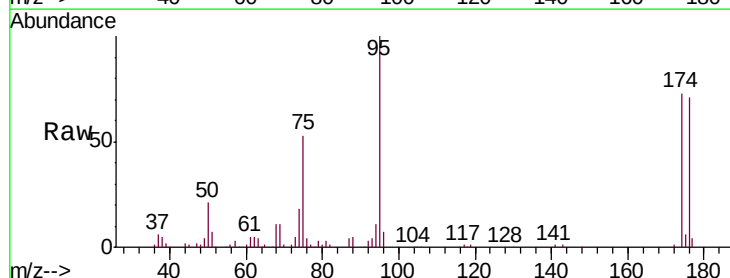
Tgt Ion: 95 Resp: 65678

Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.8

176 71.9 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

50000

40000

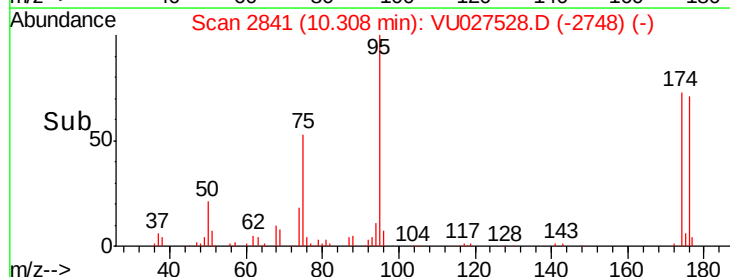
30000

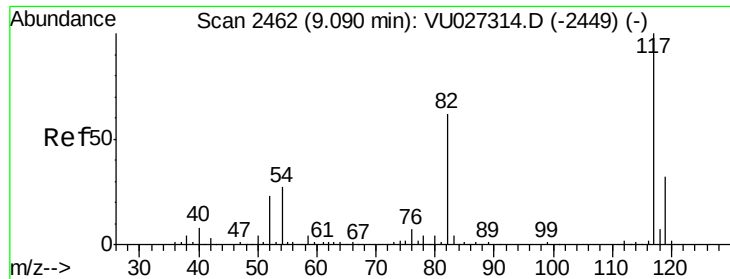
20000

10000

0

Time--> 10.30 10.40

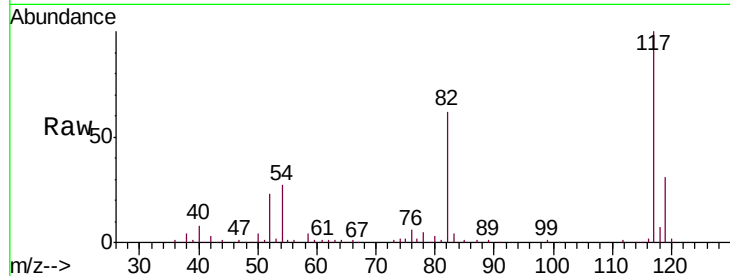




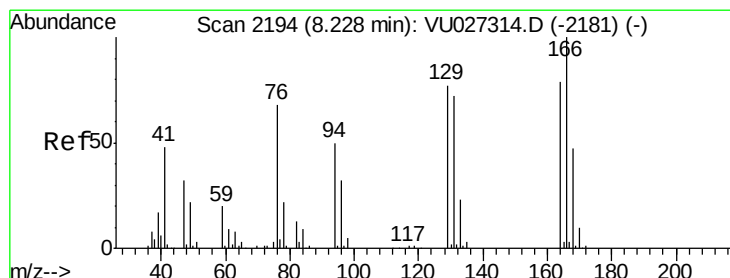
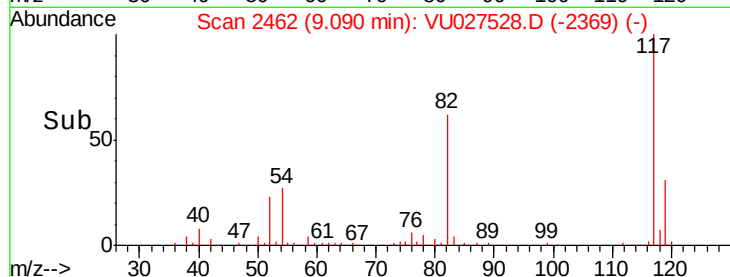
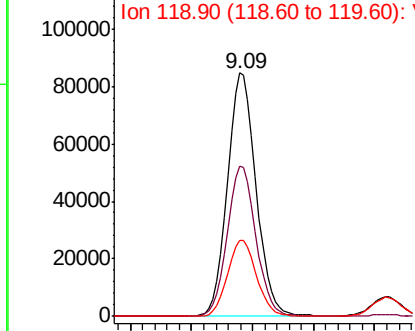
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

Tgt Ion:117 Resp: 139313
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 31.4 25.7 38.5

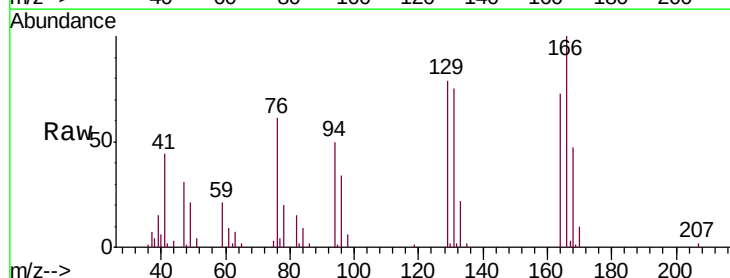


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

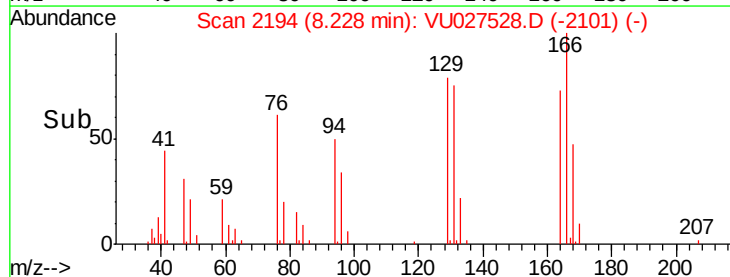
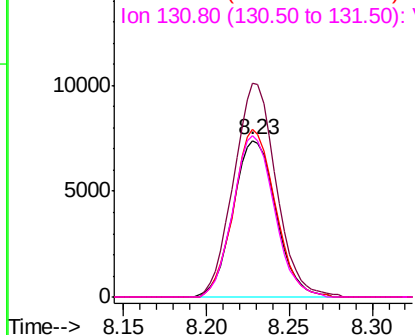


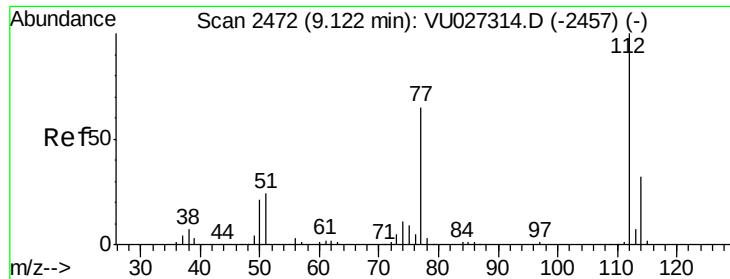
#64
Tetrachloroethene
Concen: 15.389 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion:164 Resp: 13346
Ion Ratio Lower Upper
164 100
166 136.6 101.0 151.6
129 107.3 78.0 117.0
131 103.1 72.6 109.0



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

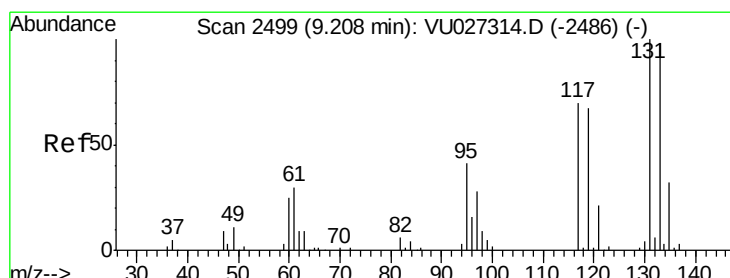
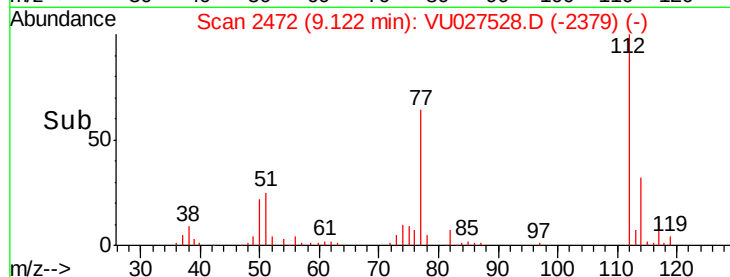
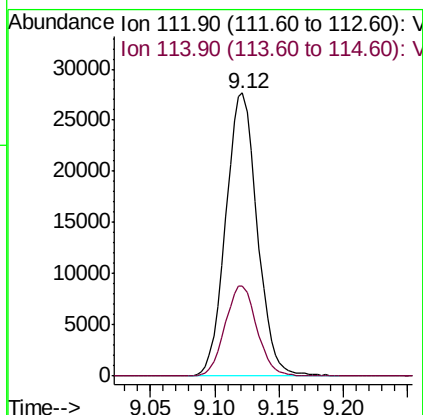
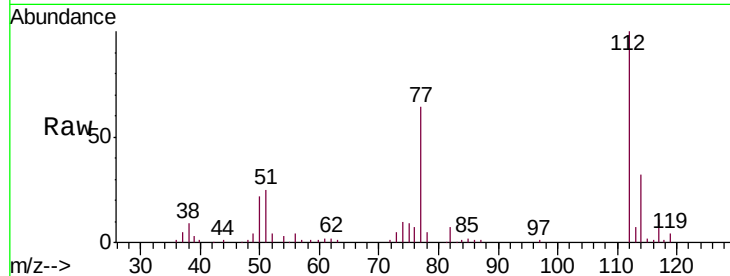




#65
Chlorobenzene
Concen: 15.997 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

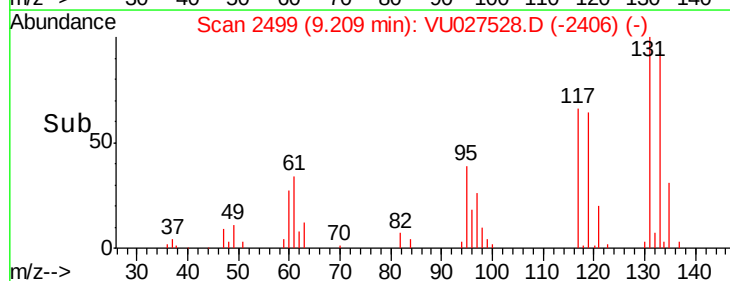
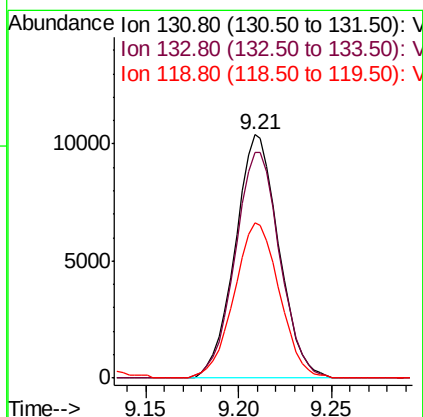
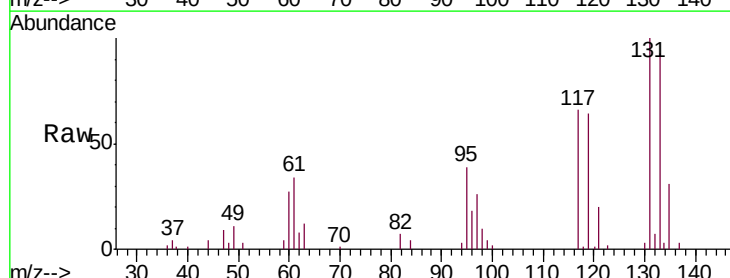
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

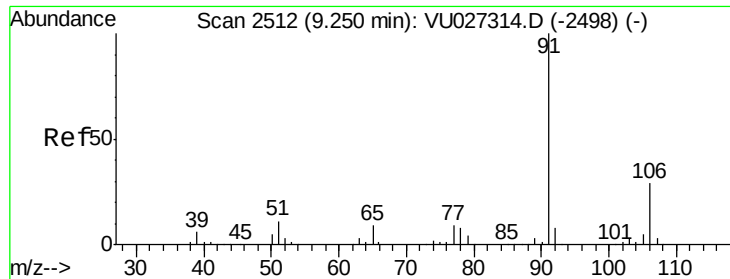
Tgt Ion:112 Resp: 46909
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 16.744 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion:131 Resp: 16950
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.6
119 66.2 33.5 100.4

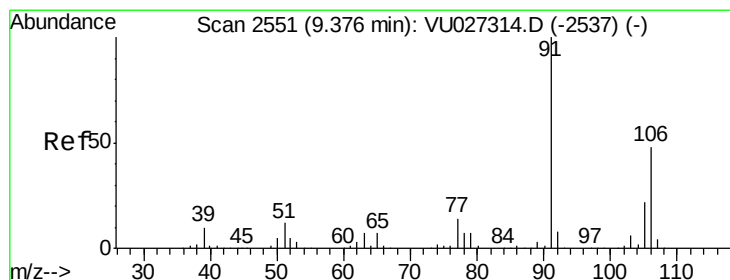
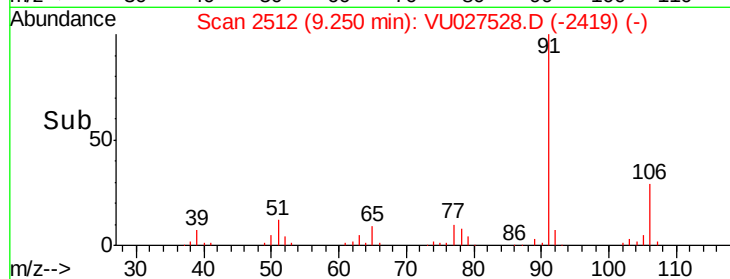
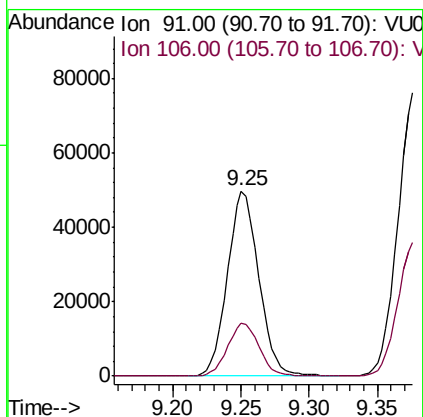
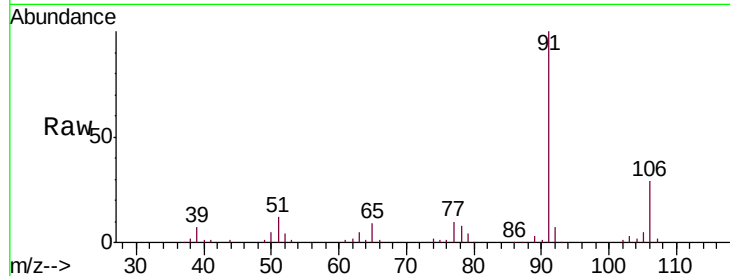




#67
Ethyl Benzene
Concen: 15.323 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

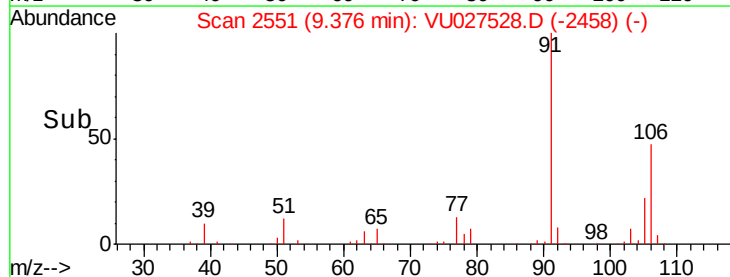
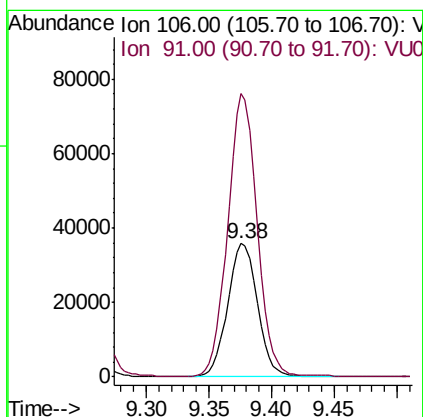
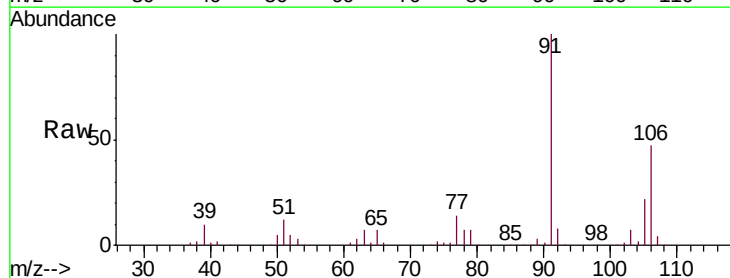
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

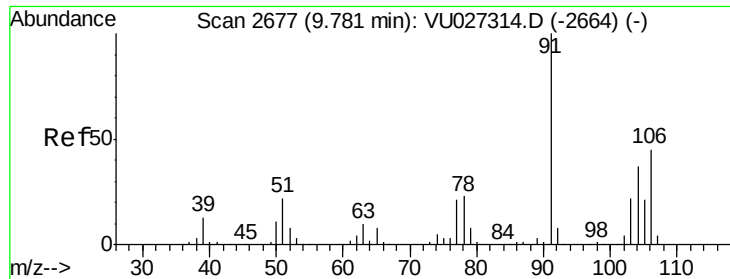
Tgt Ion: 91 Resp: 79611
Ion Ratio Lower Upper
91 100
106 28.6 23.6 35.4



#68
m/p-Xylenes
Concen: 31.204 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion: 106 Resp: 59300
Ion Ratio Lower Upper
106 100
91 207.5 168.1 252.1

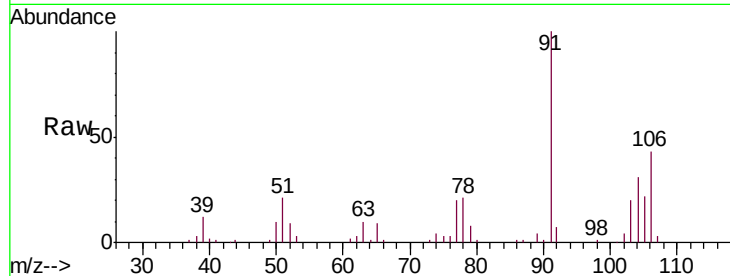




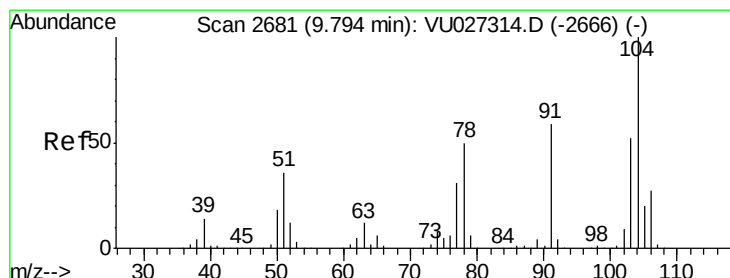
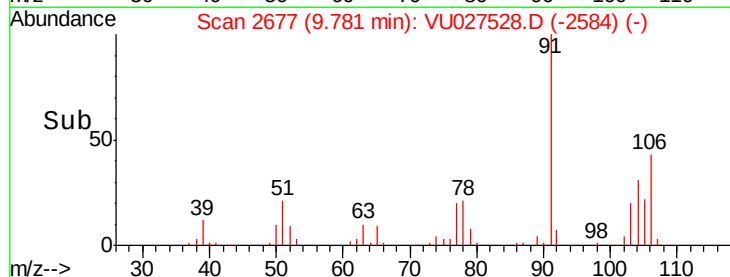
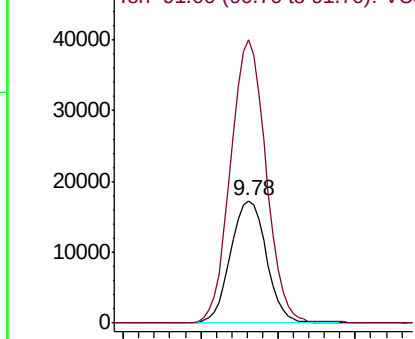
#69
o-Xylene
Concen: 15.388 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

Tgt Ion:106 Resp: 27790
Ion Ratio Lower Upper
106 100
91 229.2 111.7 334.9

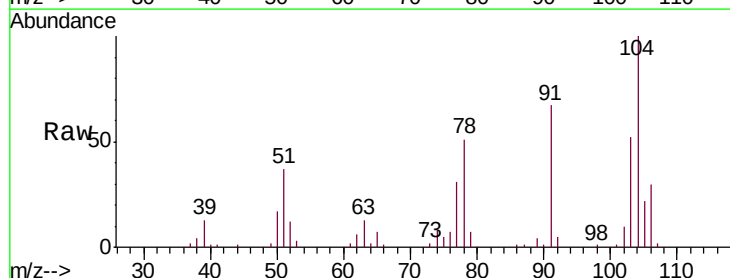


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

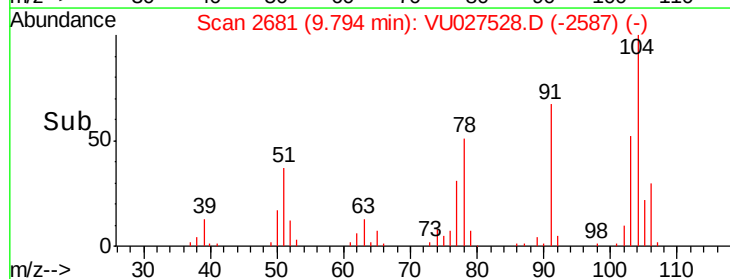
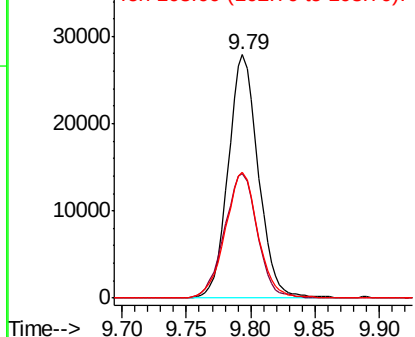


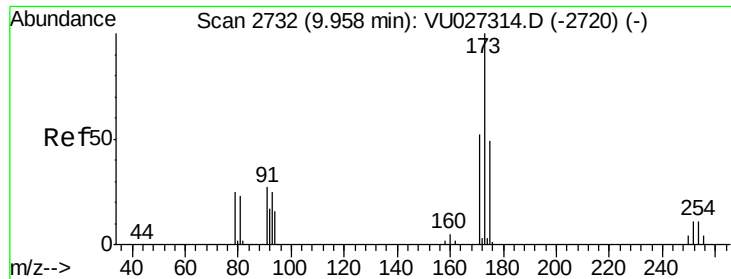
#70
Styrene
Concen: 15.101 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion:104 Resp: 45298
Ion Ratio Lower Upper
104 100
78 55.7 42.9 64.3
103 56.0 43.9 65.9



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





#71

Bromoform

Concen: 15.879 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

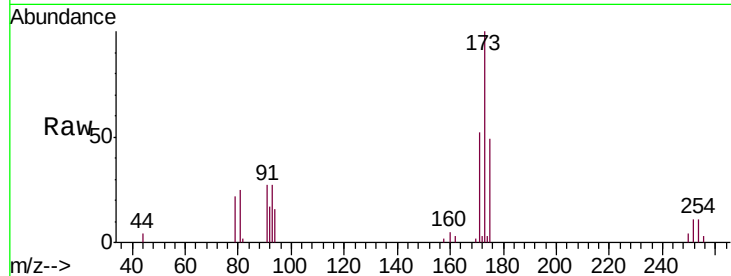
Tgt Ion:173 Resp: 12933

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

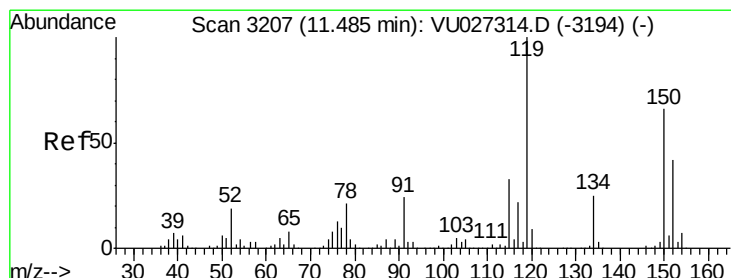
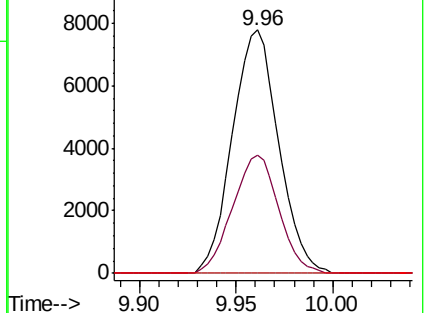
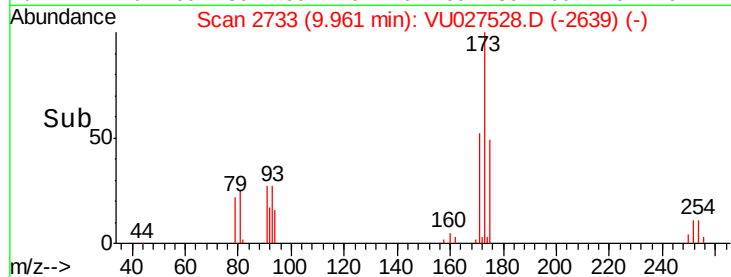
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

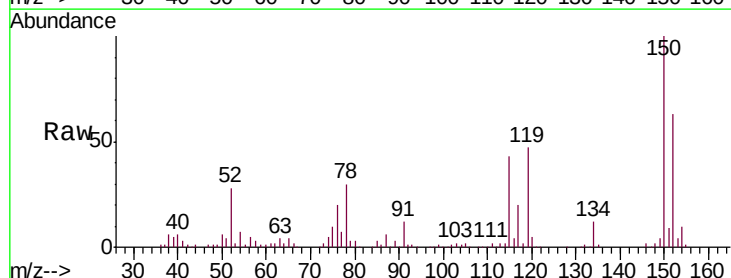
Tgt Ion:152 Resp: 67179

Ion Ratio Lower Upper

152 100

115 69.3 43.4 130.2

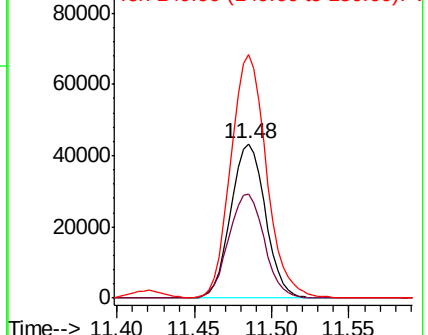
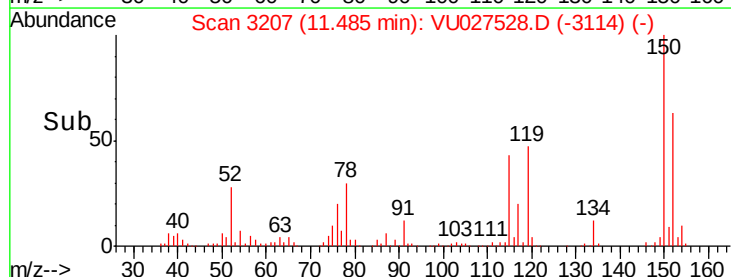
150 163.3 0.0 349.2

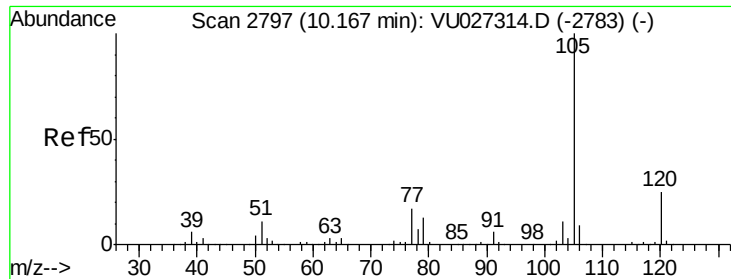


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.080 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

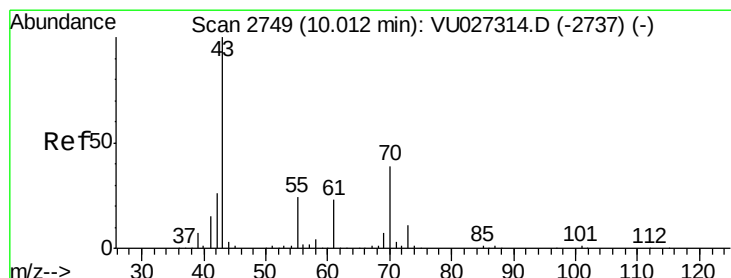
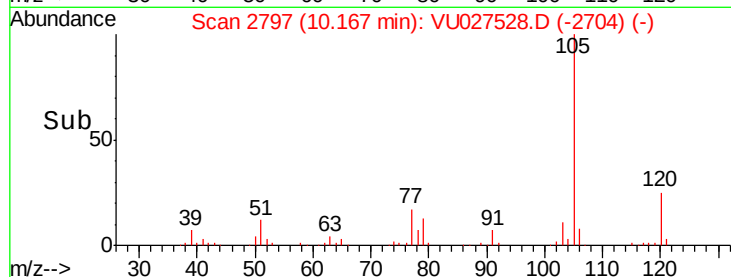
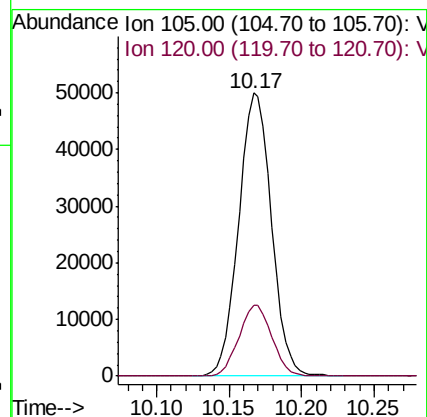
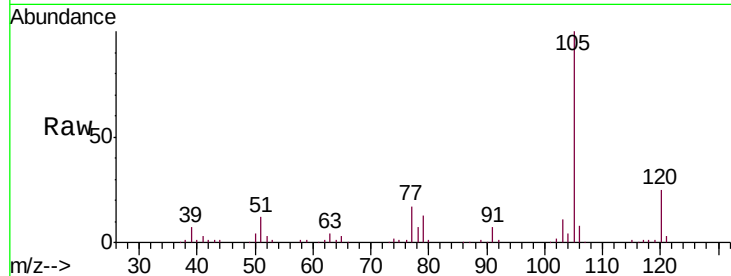
VU1010WBS01

Tgt Ion:105 Resp: 78456

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 15.066 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Tgt Ion: 43 Resp: 42083

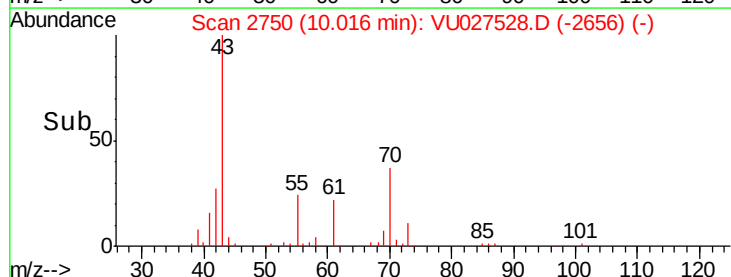
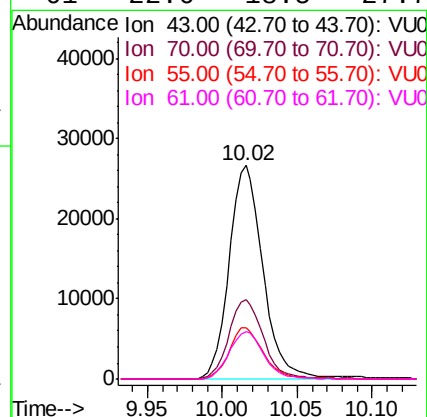
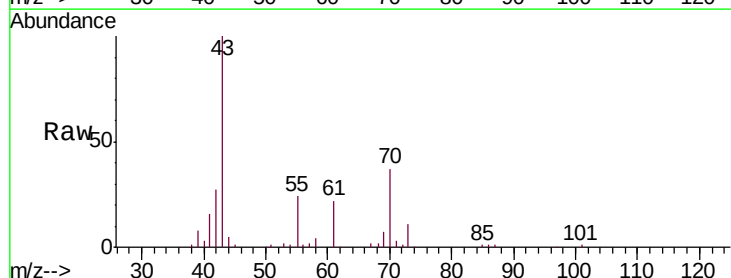
Ion Ratio Lower Upper

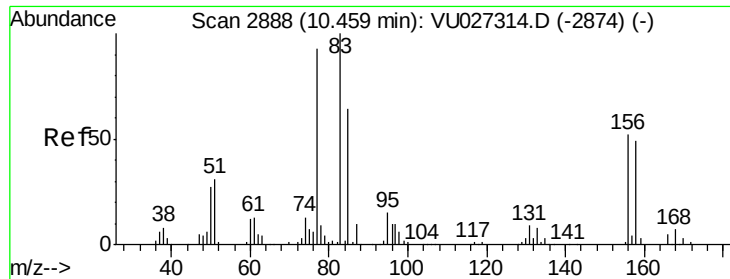
43 100

70 37.6 31.3 46.9

55 24.1 19.0 28.6

61 22.6 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.091 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

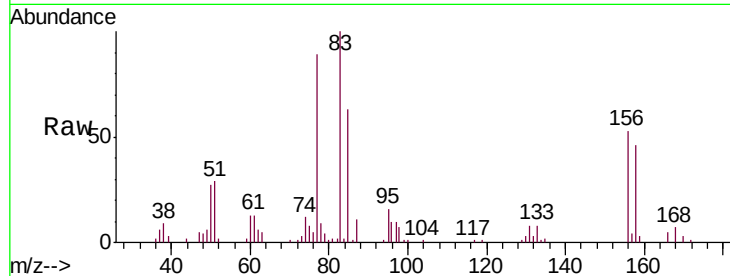
Tgt Ion: 83 Resp: 32743

Ion Ratio Lower Upper

83 100

131 8.2 4.4 13.2

85 63.1 32.0 96.0

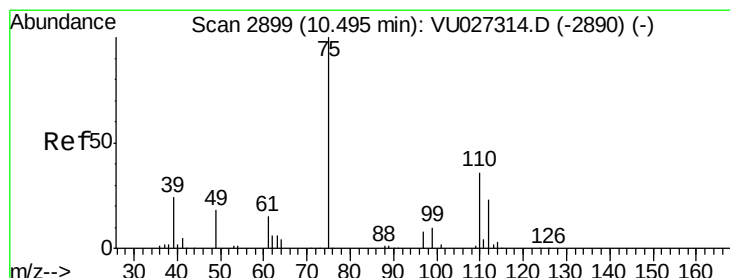
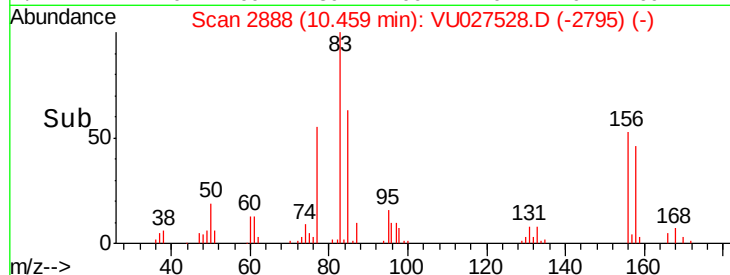


Abundance Ion 82.90 (82.60 to 83.60): VU027528.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027528.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027528.D (-2874) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.241 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027528.D

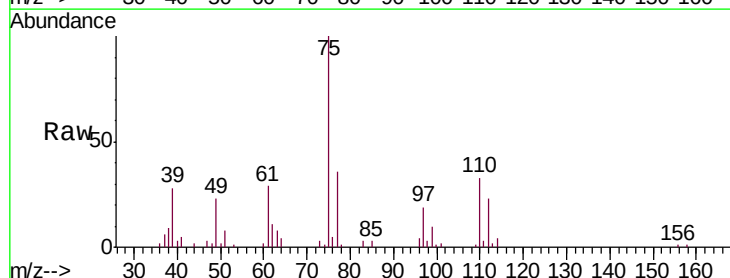
Acq: 09 Oct 2018 18:01

Tgt Ion: 75 Resp: 36990

Ion Ratio Lower Upper

75 100

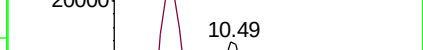
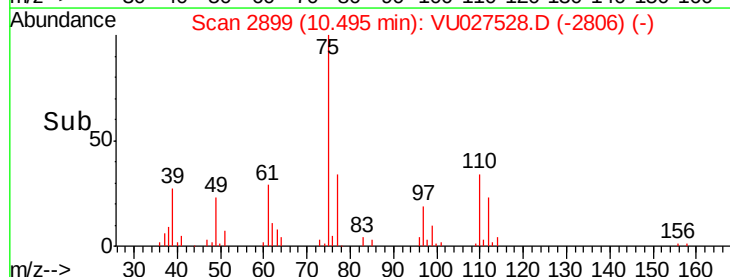
77 33.0 20.3 60.9

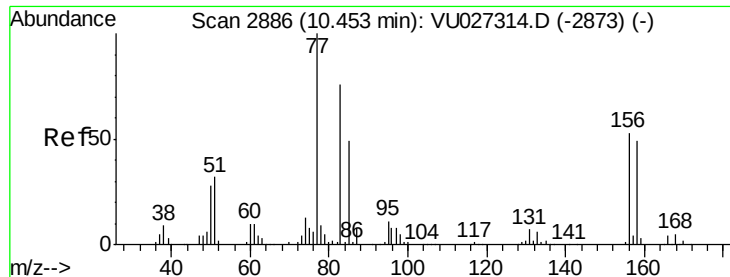


Abundance Ion 74.90 (74.60 to 75.60): VU027528.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027528.D (-2890) (-)

Time-->





#77

Bromobenzene

Concen: 16.569 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

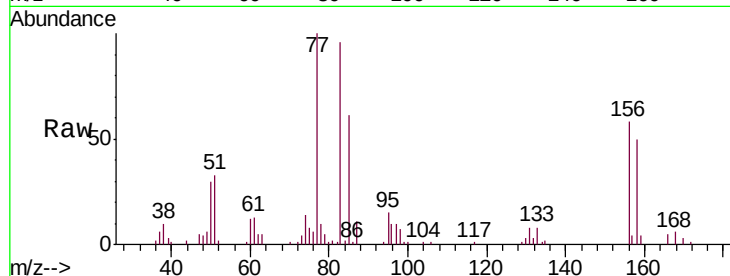
Tgt Ion:156 Resp: 18788

Ion Ratio Lower Upper

156 100

77 185.3 94.8 284.4

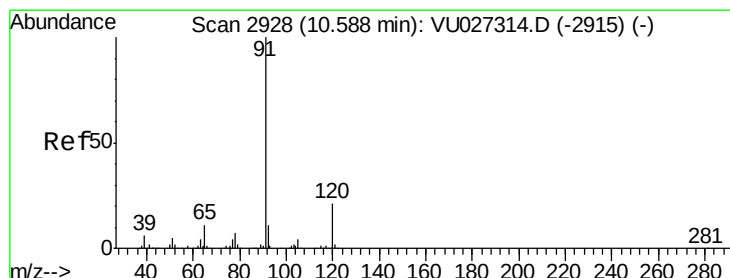
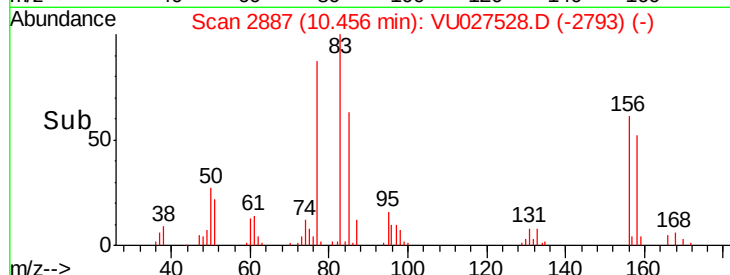
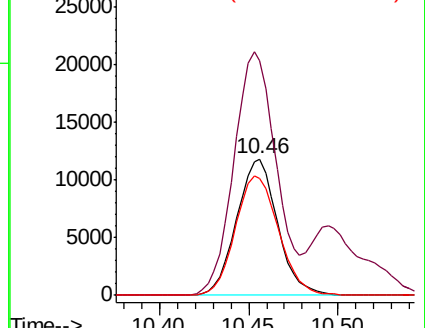
158 92.9 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 15.491 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027528.D

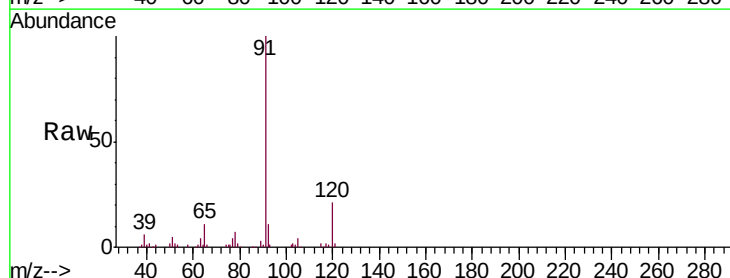
Acq: 09 Oct 2018 18:01

Tgt Ion: 91 Resp: 90821

Ion Ratio Lower Upper

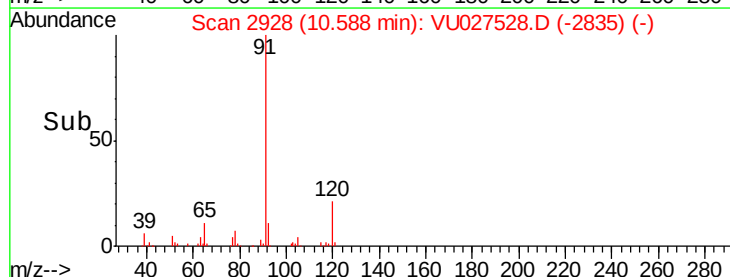
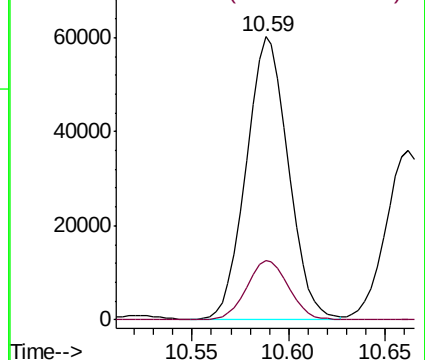
91 100

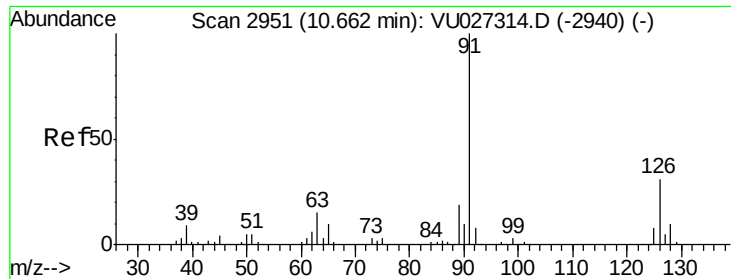
120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

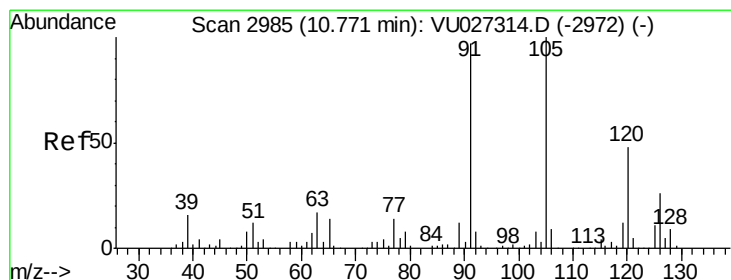
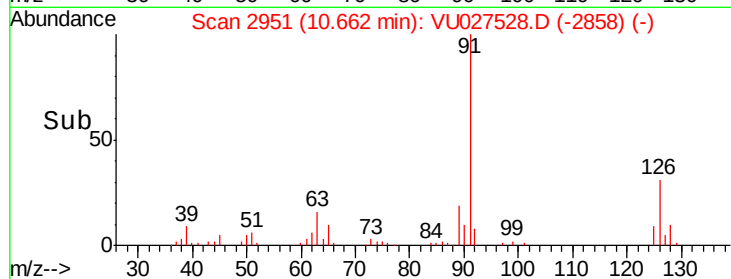
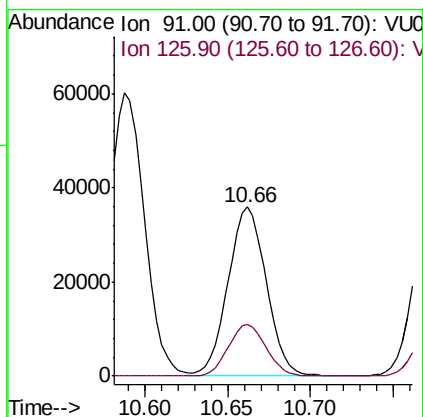
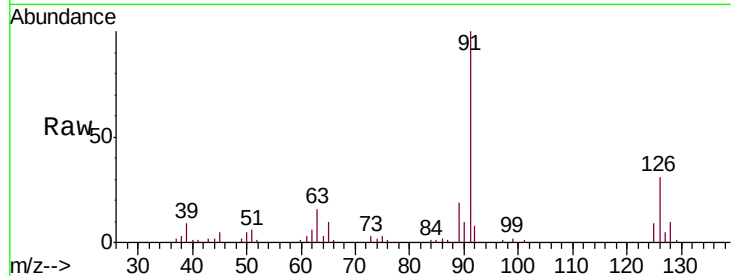




#79
 2-Chlorotoluene
 Concen: 16.195 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

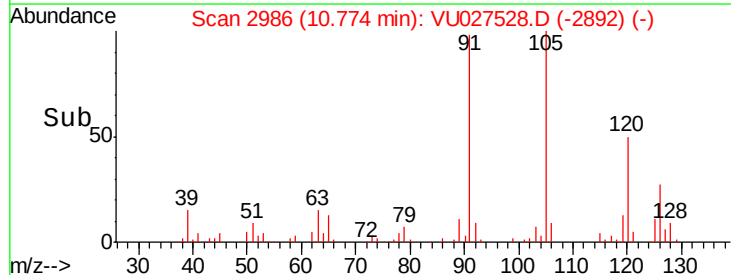
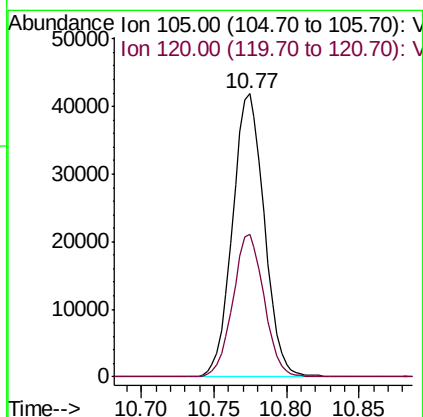
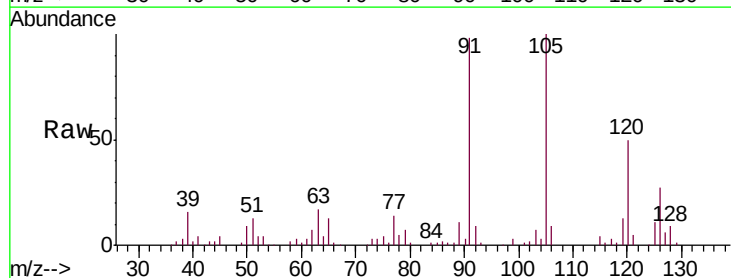
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

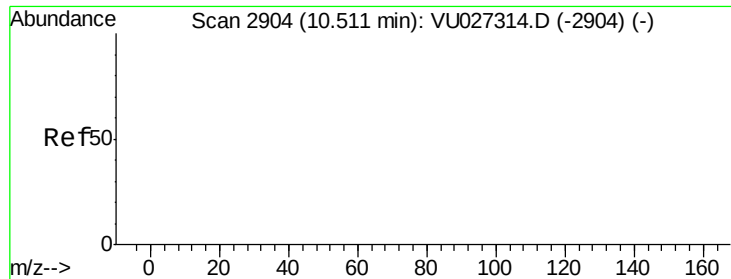
Tgt Ion: 91 Resp: 57330
 Ion Ratio Lower Upper
 91 100
 126 30.3 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 16.035 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion: 105 Resp: 63695
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 55.590 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

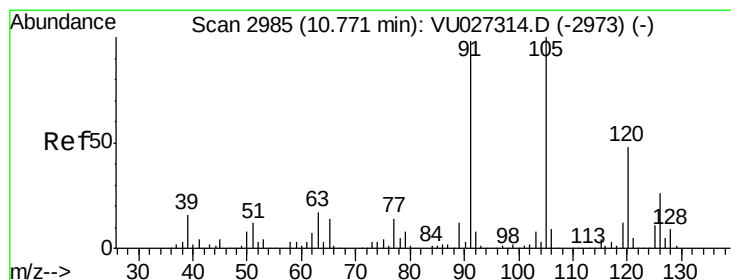
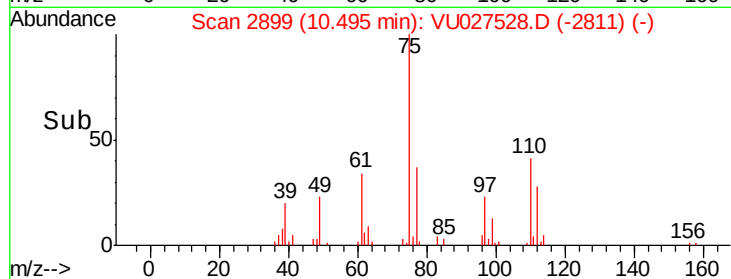
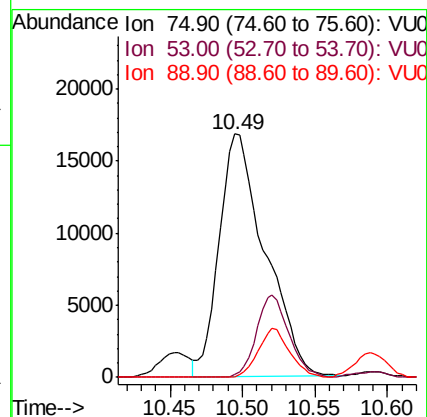
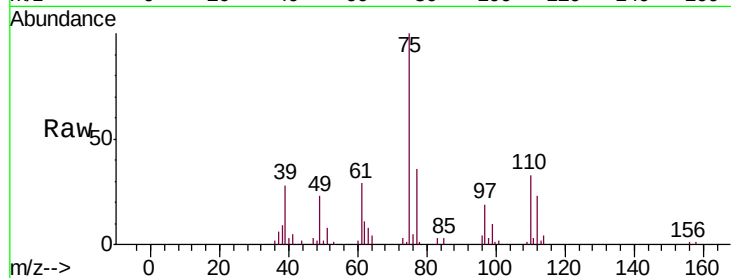
Tgt Ion: 75 Resp: 36990

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 15.664 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027528.D

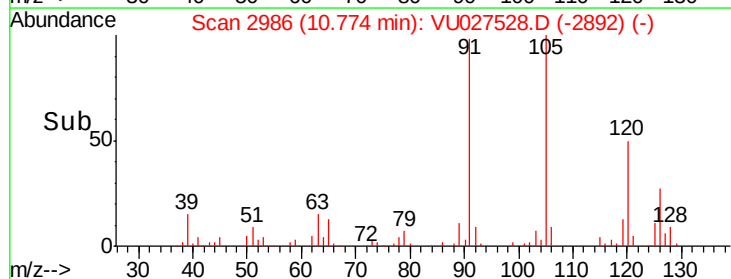
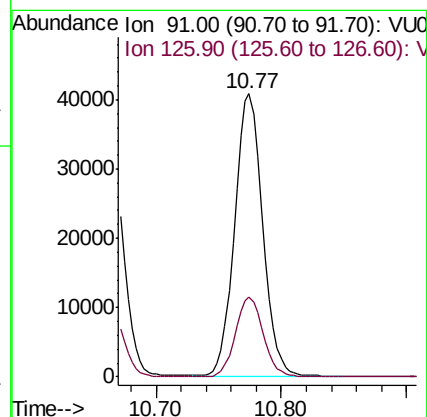
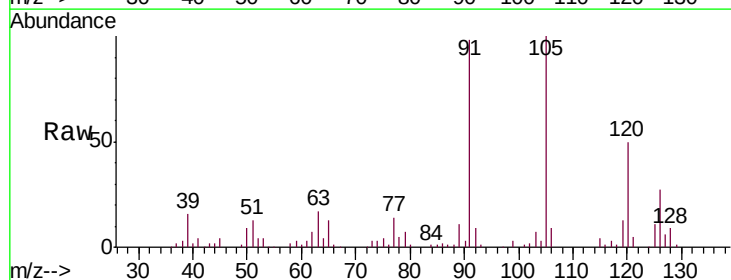
Acq: 09 Oct 2018 18:01

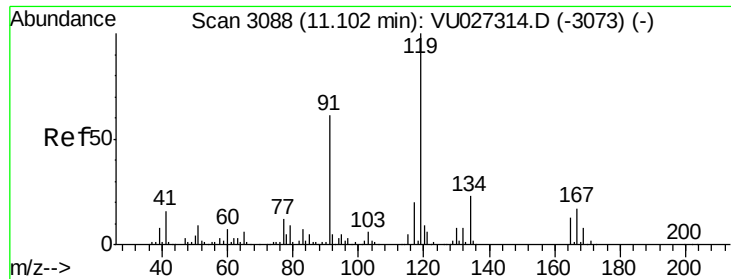
Tgt Ion: 91 Resp: 62923

Ion Ratio Lower Upper

91 100

126 28.2 13.6 40.8

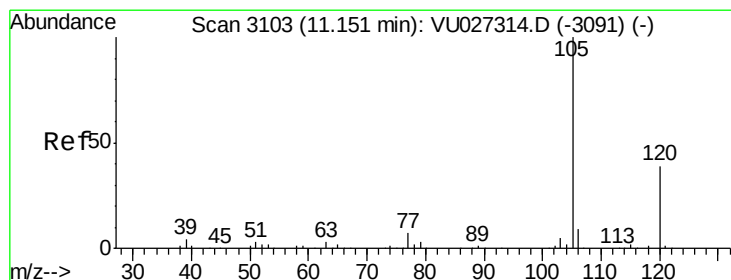
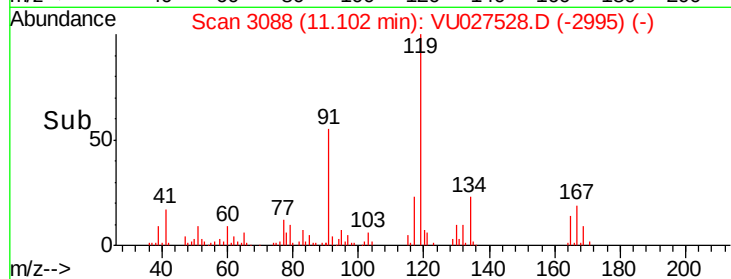
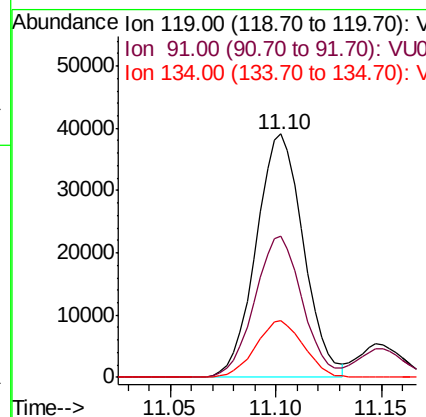
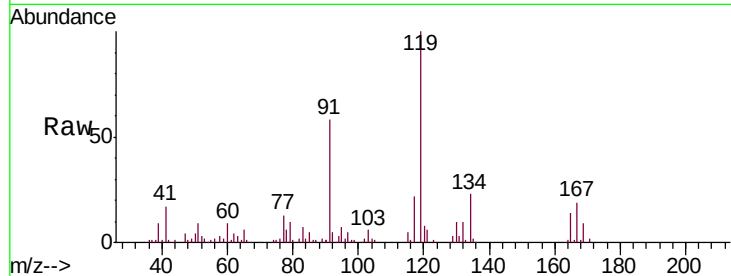




#83
 tert-Butylbenzene
 Concen: 15.904 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

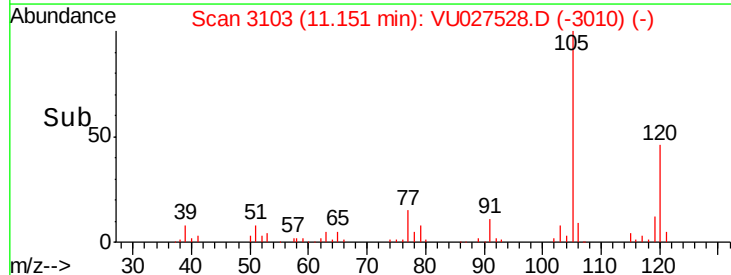
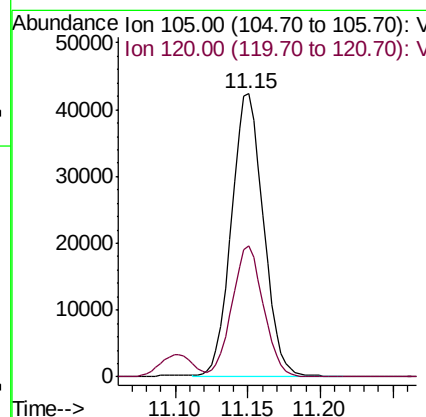
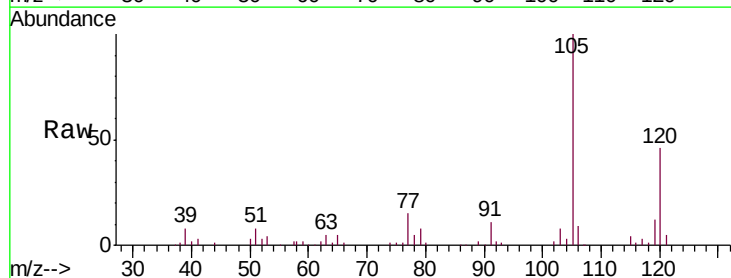
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

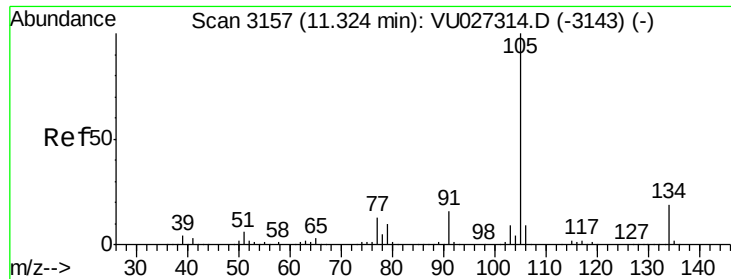
Tgt Ion:119 Resp: 61076
 Ion Ratio Lower Upper
 119 100
 91 58.6 30.3 91.0
 134 23.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 16.020 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion:105 Resp: 65005
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 15.517 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

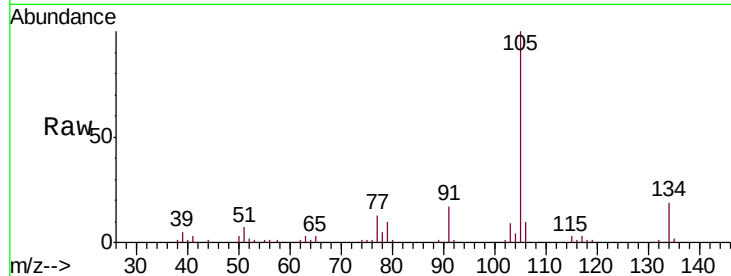
VU1010WBS01

Tgt Ion:105 Resp: 75081

Ion Ratio Lower Upper

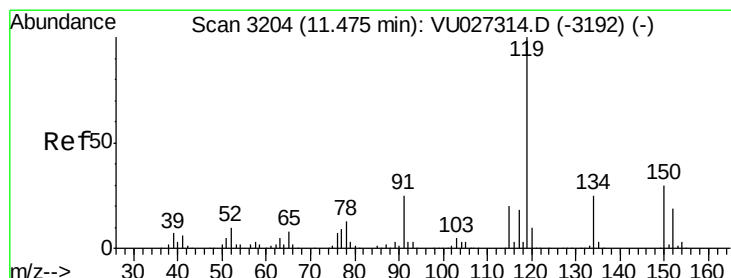
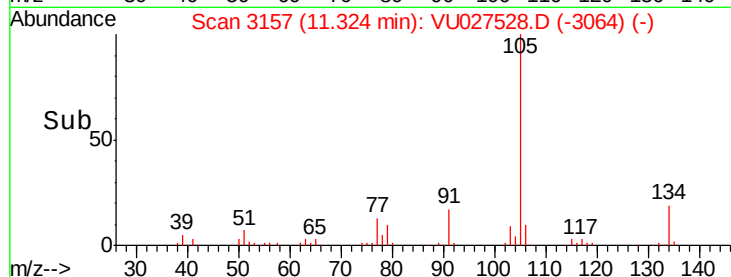
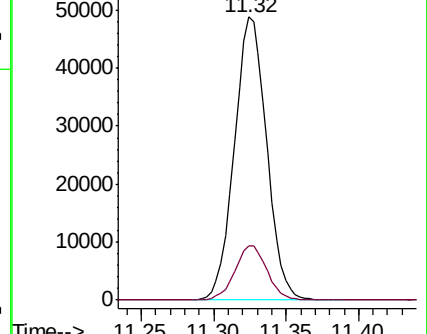
105 100

134 19.0 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 15.638 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

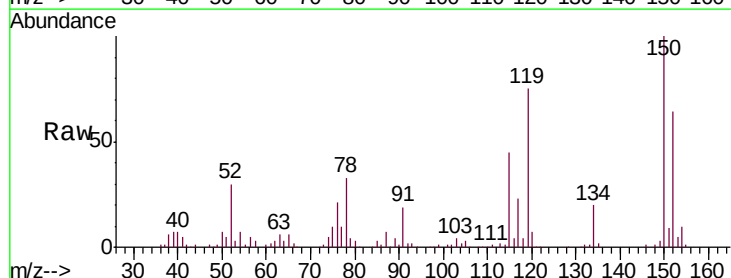
Tgt Ion:119 Resp: 64784

Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.1

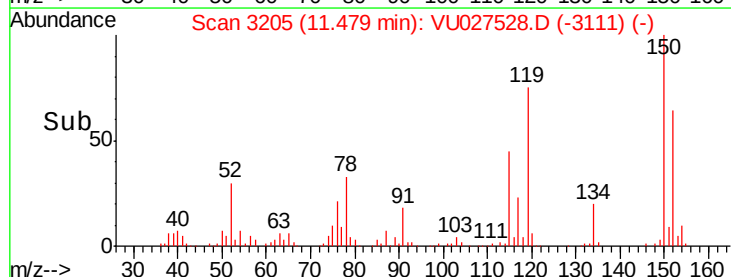
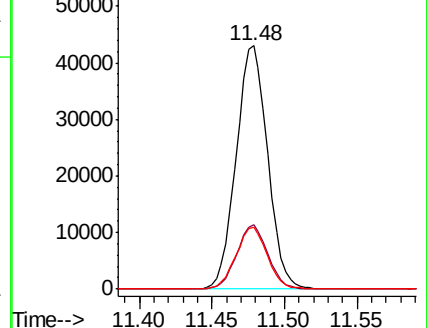
91 25.1 12.2 36.4

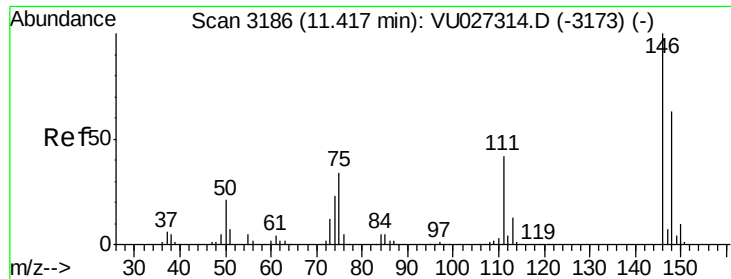


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

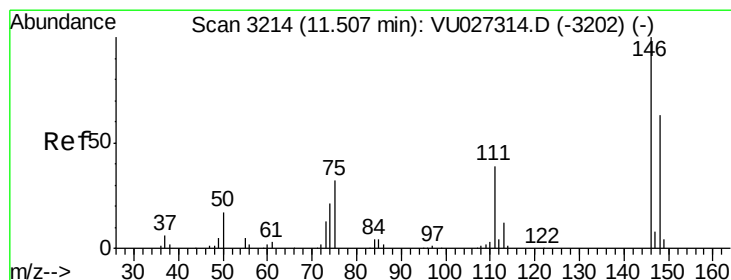
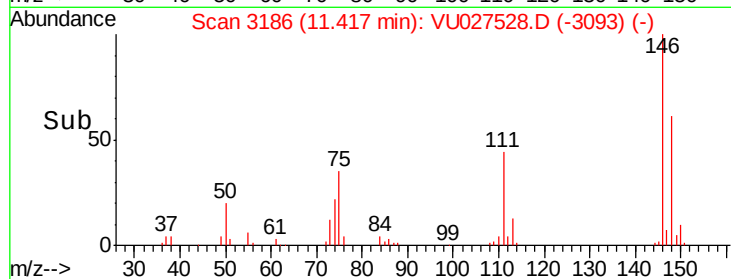
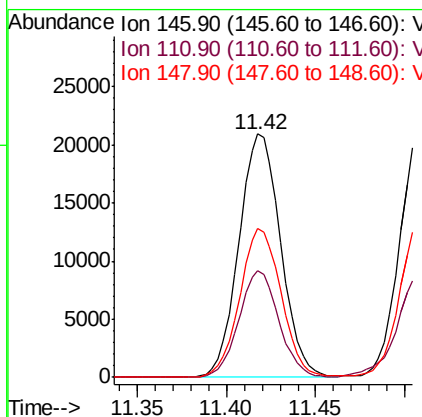
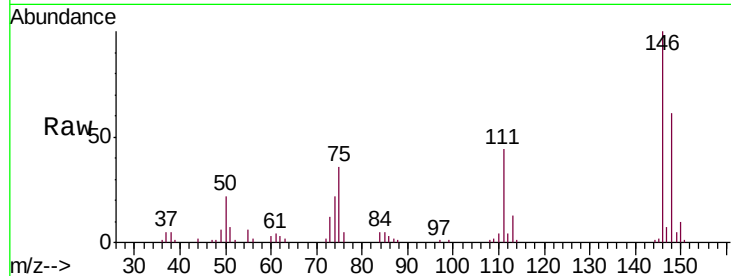




#87
 1,3-Dichlorobenzene
 Concen: 15.896 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

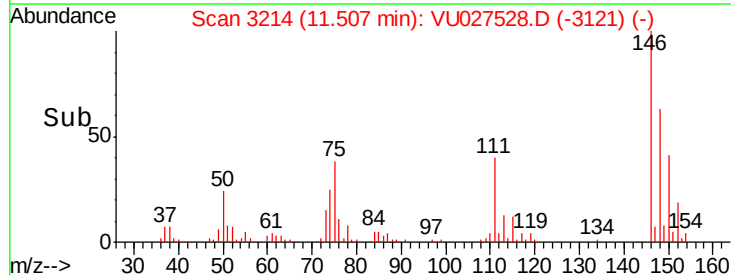
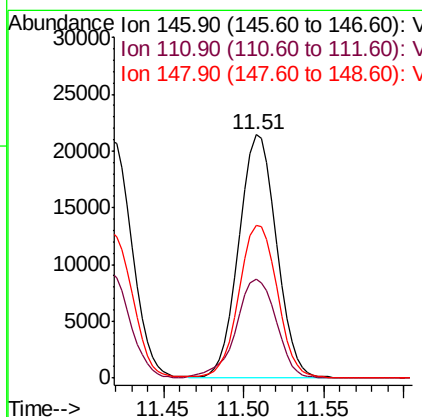
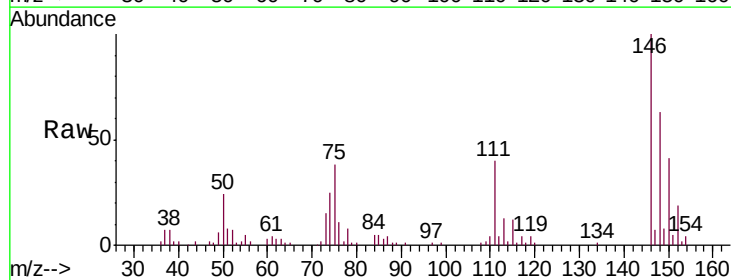
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

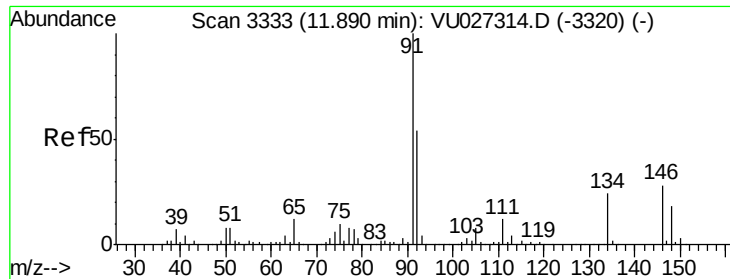
Tgt Ion:146 Resp: 34130
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 60.8 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 15.732 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion:146 Resp: 34518
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.4 61.2
 148 64.2 31.9 95.5

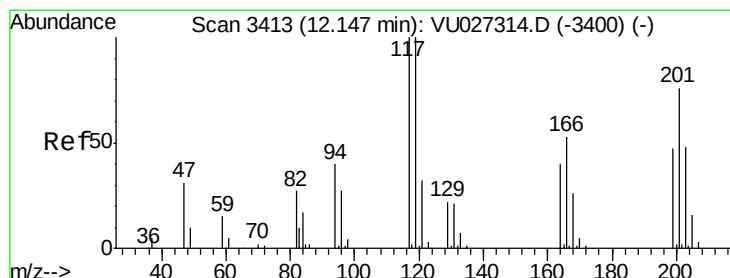
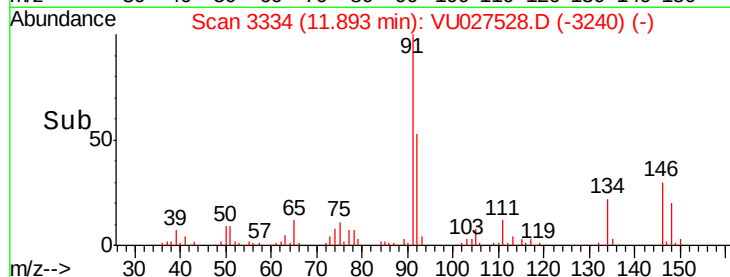
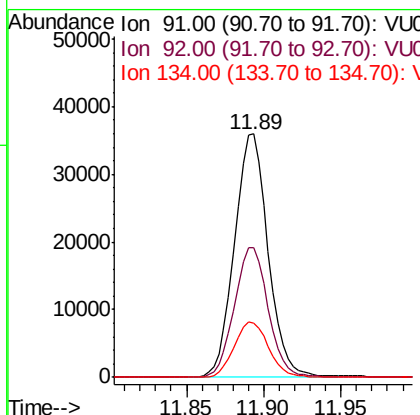
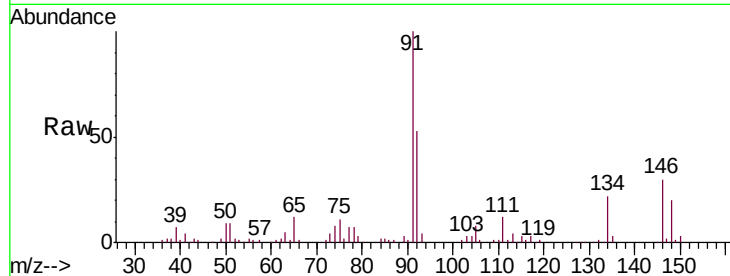




#89
n-Butylbenzene
Concen: 13.817 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

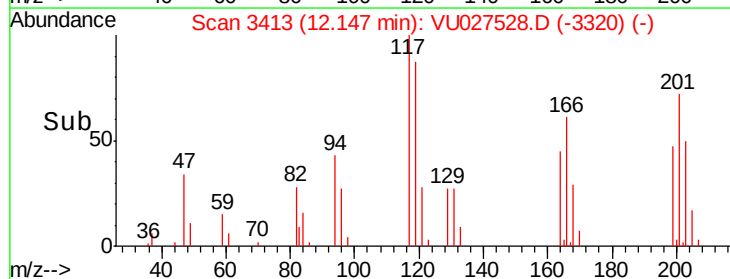
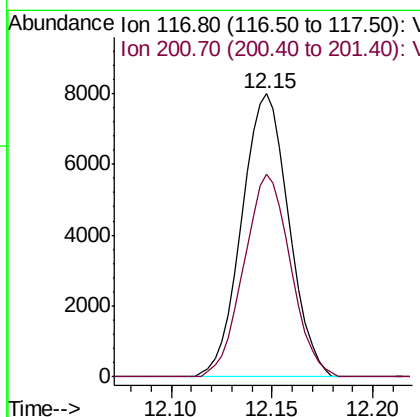
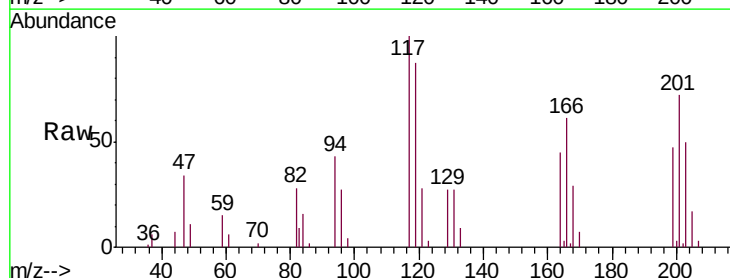
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS01

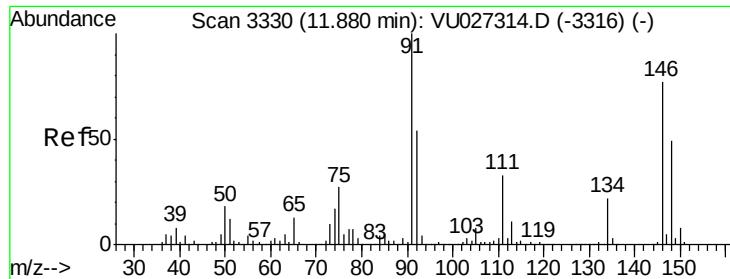
Tgt Ion: 91 Resp: 54291
Ion Ratio Lower Upper
91 100
92 53.6 27.0 81.0
134 23.0 11.7 35.1



#90
Hexachloroethane
Concen: 16.710 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027528.D
Acq: 09 Oct 2018 18:01

Tgt Ion: 117 Resp: 13049
Ion Ratio Lower Upper
117 100
201 71.1 37.9 113.6

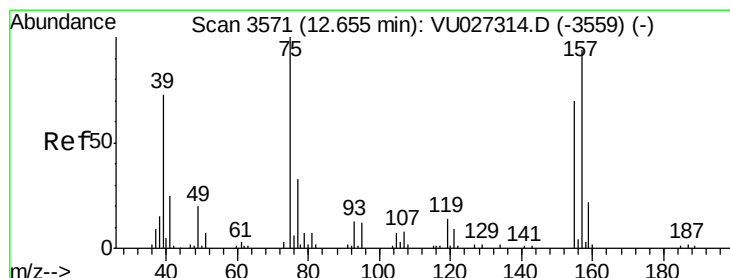
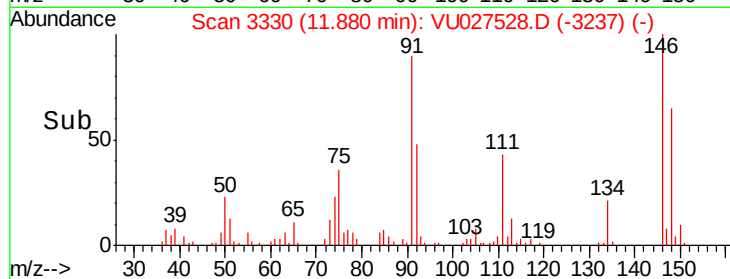
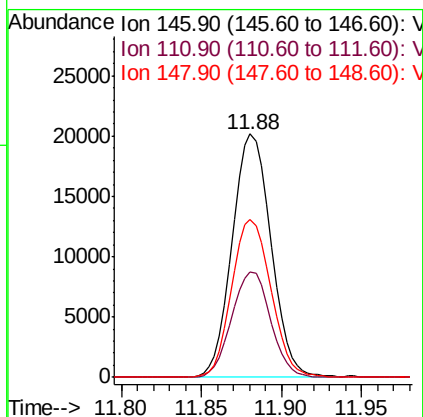
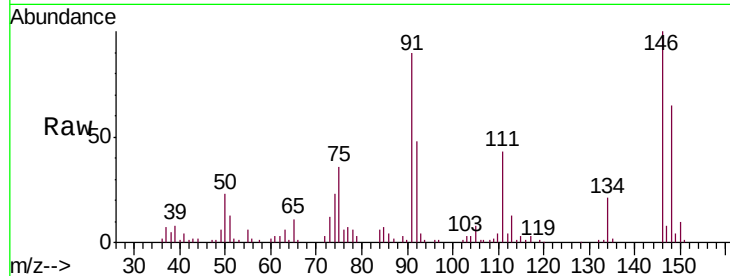




#91
 1,2-Dichlorobenzene
 Concen: 15.952 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

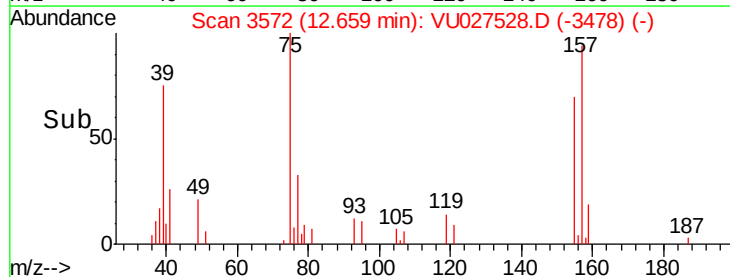
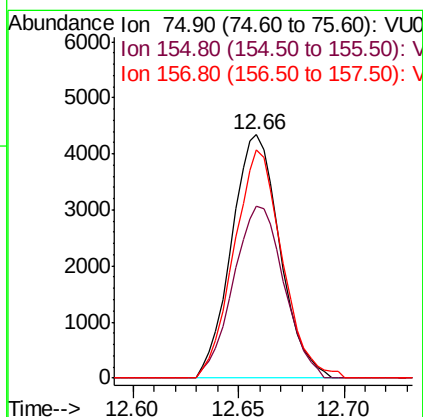
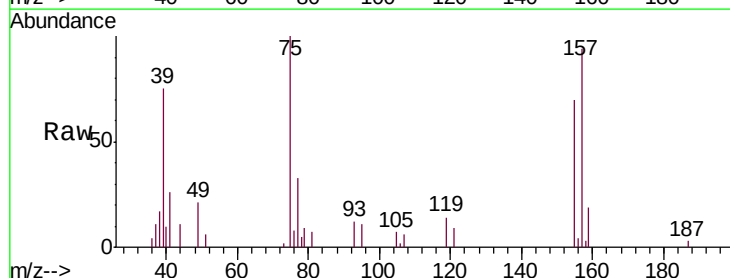
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

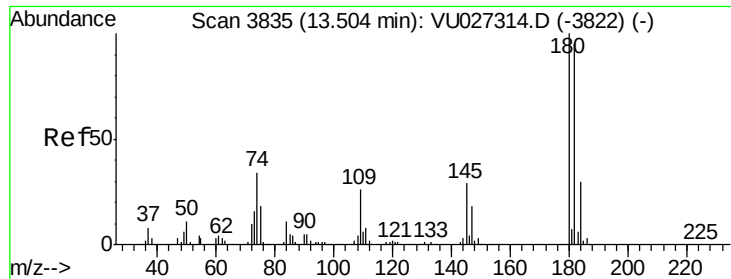
Tgt Ion: 146 Resp: 33340
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.8 65.4
 148 65.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.263 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion: 75 Resp: 6905
 Ion Ratio Lower Upper
 75 100
 155 73.8 35.9 107.8
 157 93.5 46.9 140.6

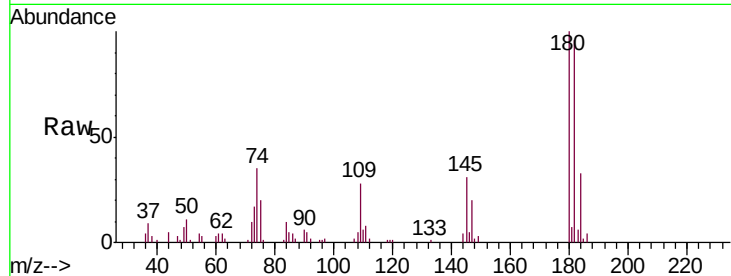




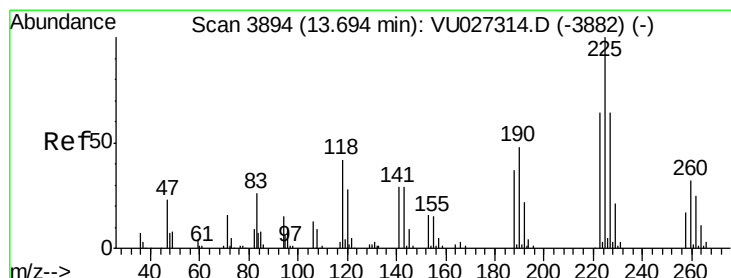
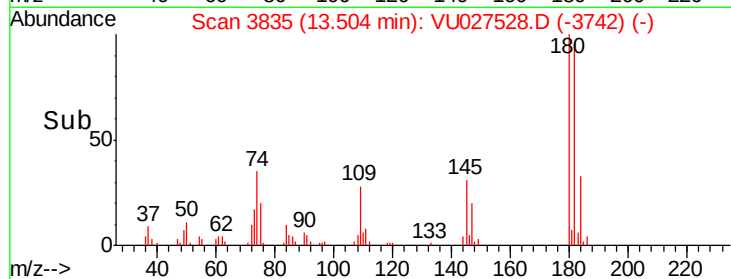
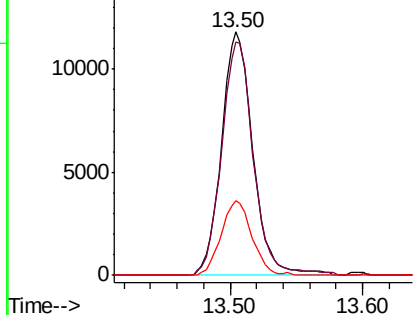
#93
 1,2,4-Trichlorobenzene
 Concen: 14.311 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.4	142.3
145	30.0	14.6	44.0

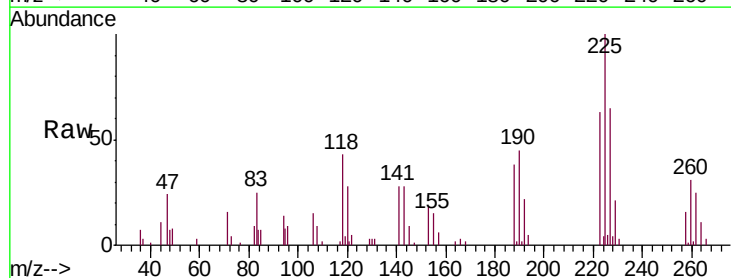


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

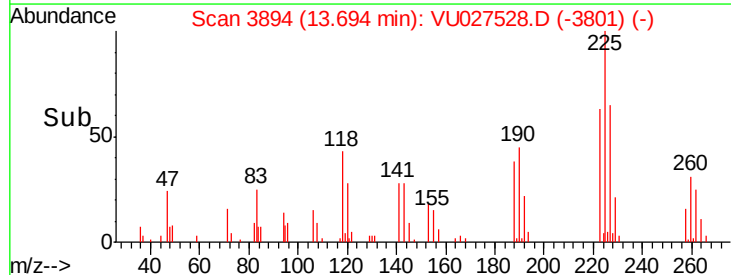
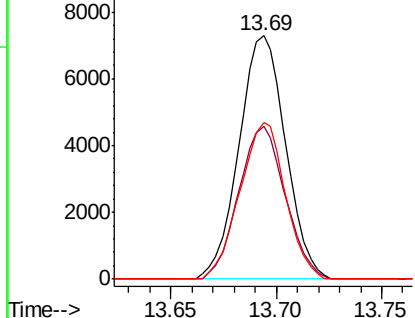


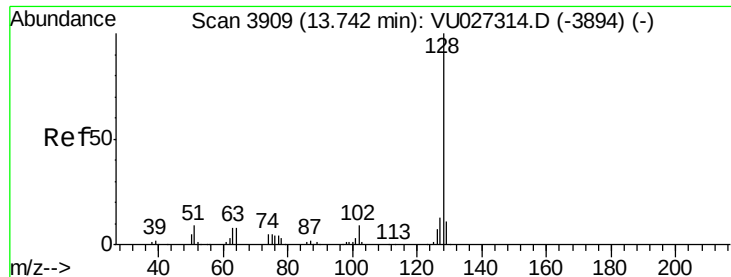
#94
 Hexachlorobutadiene
 Concen: 16.385 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027528.D
 Acq: 09 Oct 2018 18:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.8	95.3
227	62.8	31.9	95.7



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





#95

Naphthalene

Concen: 14.034 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS01

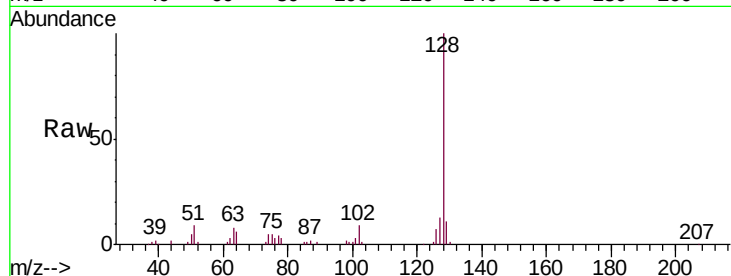
Tgt Ion:128 Resp: 65005

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

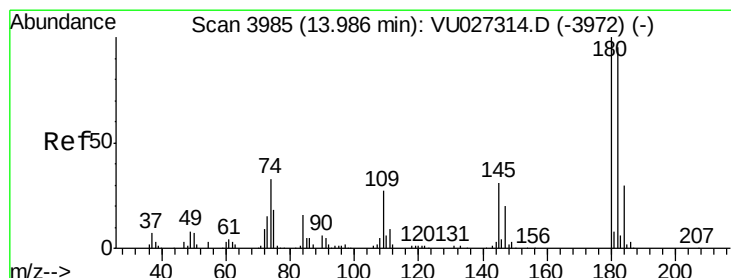
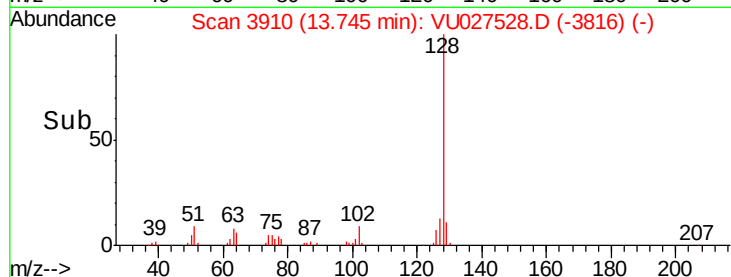
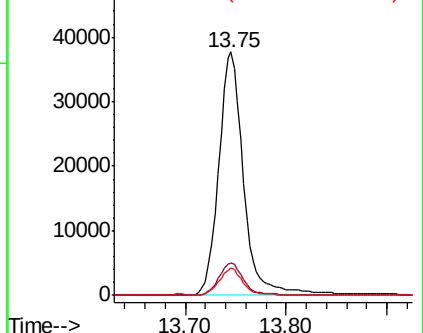
129 10.7 8.6 12.8



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: 15.097 ug/l

RT: 13.99 min Scan# 3986

Delta R.T. 0.00 min

Lab File: VU027528.D

Acq: 09 Oct 2018 18:01

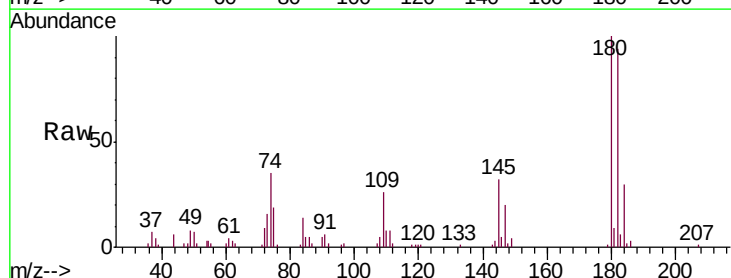
Tgt Ion:180 Resp: 21271

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.2

145 31.4 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

