

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
 Data File : VU027460.D
 Acq On : 05 Oct 2018 18:00
 Operator : MD/SY
 Sample : VU1005WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Quant Time: Oct 06 00:28:42 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	124118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	212253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	197155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	90297	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	
35) Dibromofluoromethane	4.88	113	65549	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
50) Toluene-d8	7.57	98	247762	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	10.31	95	91946	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	30500	17.045	ug/l	99
3) Chloromethane	1.33	50	39302	16.223	ug/l	97
4) Vinyl Chloride	1.40	62	38503	16.907	ug/l	99
5) Bromomethane	1.63	94	22383	22.714	ug/l	97
6) Chloroethane	1.70	64	24075	17.593	ug/l	97
7) Trichlorofluoromethane	1.89	101	41414	17.923	ug/l	97
8) Diethyl Ether	2.11	74	18827	17.688	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	23614	17.597	ug/l	96
10) Methyl Iodide	2.41	142	18554	21.497	ug/l	96
11) Tert butyl alcohol	2.83	59	38418	88.025	ug/l	98
12) 1,1-Dichloroethene	2.28	96	22219	16.947	ug/l	98
13) Acrolein	2.20	56	14721	40.197	ug/l	100
14) Allyl chloride	2.59	41	51146	16.428	ug/l	98
15) Acrylonitrile	2.94	53	100894	88.819	ug/l	100
16) Acetone	2.32	43	101726	83.083	ug/l	99
17) Carbon Disulfide	2.48	76	72348	15.301	ug/l	100
18) Methyl Acetate	2.62	43	53663	19.212	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	90597	17.246	ug/l	100
20) Methylene Chloride	2.70	84	29550	17.326	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	25806	17.532	ug/l	97
22) Diisopropyl ether	3.58	45	109332	17.278	ug/l	95
23) Vinyl Acetate	3.53	43	471793	85.374	ug/l	100
24) 1,1-Dichloroethane	3.45	63	56530	17.378	ug/l	99
25) 2-Butanone	4.27	43	145812	87.331	ug/l	98
26) 2,2-Dichloropropane	4.23	77	42953	16.069	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	29328	17.423	ug/l	98
28) Bromochloromethane	4.55	49	30068	19.158	ug/l	100
29) Tetrahydrofuran	4.64	42	94049	89.381	ug/l	99
30) Chloroform	4.67	83	51393	17.782	ug/l	98
31) Cyclohexane	5.00	56	53715	15.998	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	42435	17.433	ug/l	98
36) 1,1-Dichloropropene	5.14	75	39461	17.123	ug/l	98
37) Ethyl Acetate	4.38	43	53178	17.854	ug/l	98
38) Carbon Tetrachloride	5.14	117	34960	16.793	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
 Data File : VU027460.D
 Acq On : 05 Oct 2018 18:00
 Operator : MD/SY
 Sample : VU1005WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Quant Time: Oct 06 00:28:42 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)
39) Methylcyclohexane	6.42	83	43614	16.190	ug/l	99
40) Benzene	5.39	78	117211	17.460	ug/l	99
41) Methacrylonitrile	4.55	41	28874	17.152	ug/l	96
42) 1,2-Dichloroethane	5.41	62	44245	17.756	ug/l	99
43) Isopropyl Acetate	5.55	43	81706	17.663	ug/l	99
44) Trichloroethene	6.19	130	25942	17.331	ug/l	97
45) 1,2-Dichloropropane	6.43	63	34227	17.677	ug/l	96
46) Dibromomethane	6.56	93	19706	18.020	ug/l	97
47) Bromodichloromethane	6.76	83	39499	17.407	ug/l	99
48) Methyl methacrylate	6.63	41	40046	17.408	ug/l	99
49) 1,4-Dioxane	6.62	88	15070	380.750	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	264552	88.010	ug/l	100
52) Toluene	7.64	92	69270	17.434	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	45921	17.260	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	49650	17.359	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	27819	17.659	ug/l	98
56) Ethyl methacrylate	8.02	69	45470	16.659	ug/l	97
57) 1,3-Dichloropropane	8.24	76	53114	17.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	144986	92.862	ug/l	99
59) 2-Hexanone	8.36	43	205149	87.980	ug/l	100
60) Dibromochloromethane	8.48	129	27925	17.674	ug/l	99
61) 1,2-Dibromoethane	8.59	107	29059	17.349	ug/l	100
64) Tetrachloroethene	8.23	164	22197	18.086	ug/l	98
65) Chlorobenzene	9.12	112	75067	18.089	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	25263	17.634	ug/l	99
67) Ethyl Benzene	9.25	91	129263	17.581	ug/l	100
68) m/p-Xylenes	9.38	106	96685	35.950	ug/l	99
69) o-Xylene	9.78	106	45787	17.915	ug/l	98
70) Styrene	9.79	104	76369	17.549	ug/l	99
71) Bromoform	9.96	173	19841	17.214	ug/l #	99
73) Isopropylbenzene	10.17	105	124451	17.012	ug/l	99
74) N-amyl acetate	10.02	43	68204	16.285	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	48601	16.919	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	58344	22.345	ug/l	85
77) Bromobenzene	10.45	156	29582	17.399	ug/l	97
78) n-propylbenzene	10.59	91	153953	17.513	ug/l	100
79) 2-Chlorotoluene	10.66	91	90363	17.025	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	104062	17.472	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	58344	58.479	ug/l #	100
82) 4-Chlorotoluene	10.77	91	105711	17.551	ug/l	98
83) tert-Butylbenzene	11.10	119	96122	16.694	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	106800	17.554	ug/l	100
85) sec-Butylbenzene	11.32	105	125694	17.326	ug/l	99
86) p-Isopropyltoluene	11.48	119	109498	17.628	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	56565	17.570	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	59086	17.961	ug/l	97
89) n-Butylbenzene	11.89	91	106680	17.503	ug/l	100
90) Hexachloroethane	12.15	117	18624	15.907	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	55456	17.697	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10420	16.368	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027460.D
Acq On : 05 Oct 2018 18:00
Operator : MD/SY
Sample : VU1005WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Quant Time: Oct 06 00:28:42 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

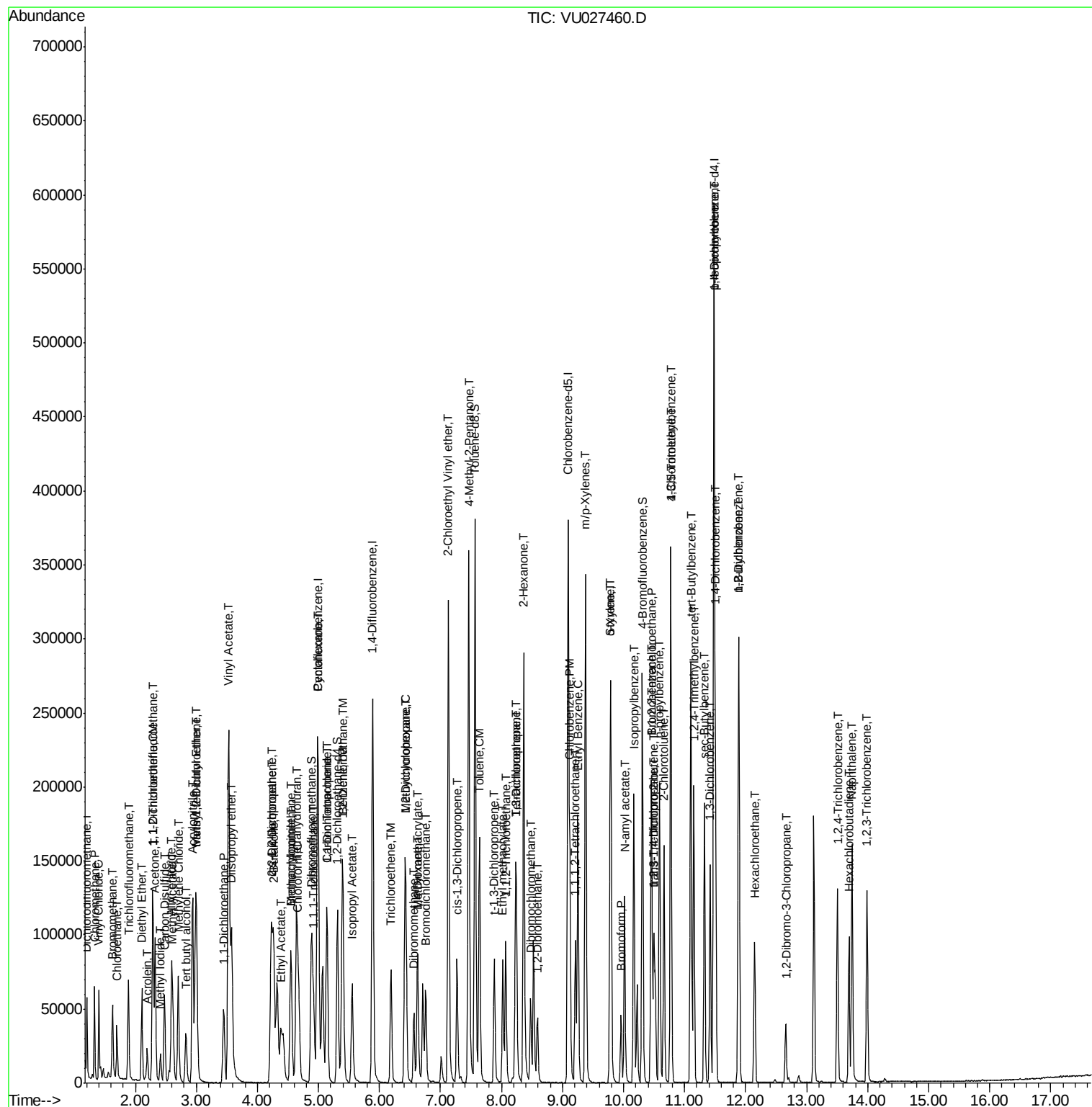
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	39057	19.262	ug/l	99
94) Hexachlorobutadiene	13.69	225	17939	17.511	ug/l	98
95) Naphthalene	13.74	128	122807	17.251	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	39827	18.853	ug/l	99

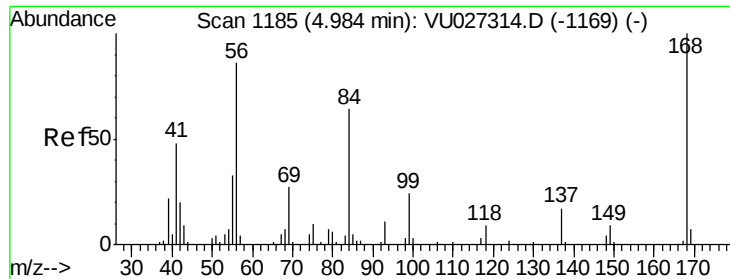
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
 Data File : VU027460.D
 Acq On : 05 Oct 2018 18:00
 Operator : MD/SY
 Sample : VU1005WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Quant Time: Oct 06 00:28:42 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

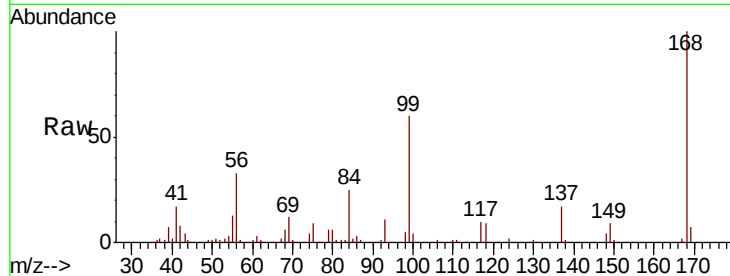
VU1006WBS01

Tgt Ion:168 Resp: 124118

Ion Ratio Lower Upper

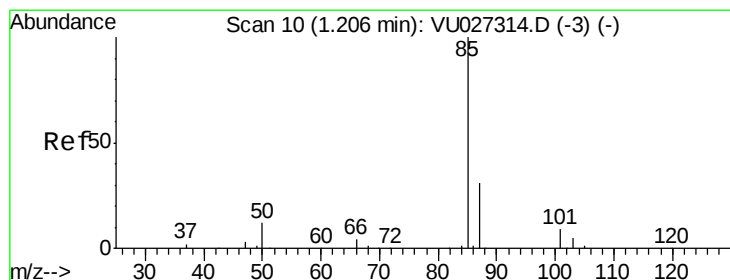
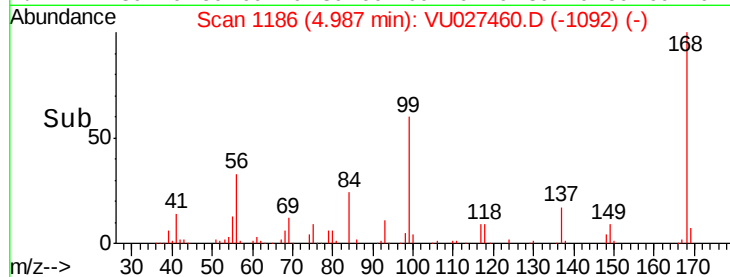
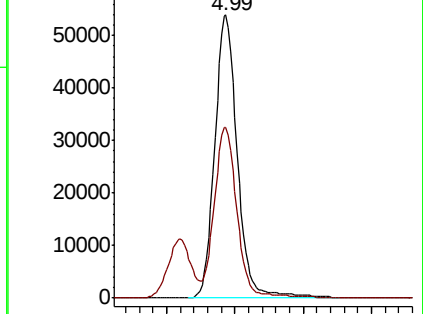
168 100

99 60.1 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027460.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027460.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 17.045 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027460.D

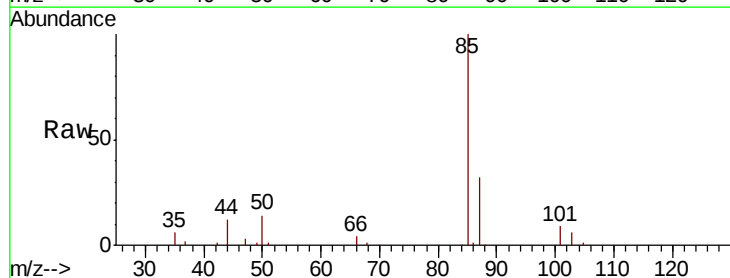
Acq: 05 Oct 2018 18:00

Tgt Ion: 85 Resp: 30500

Ion Ratio Lower Upper

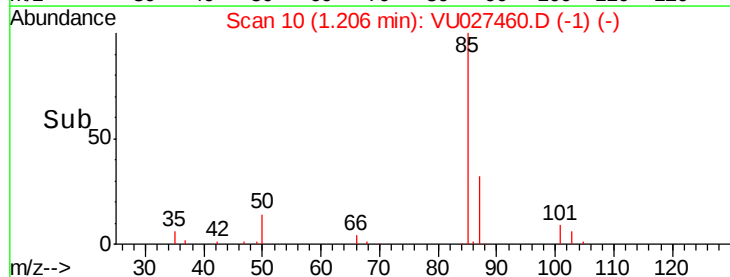
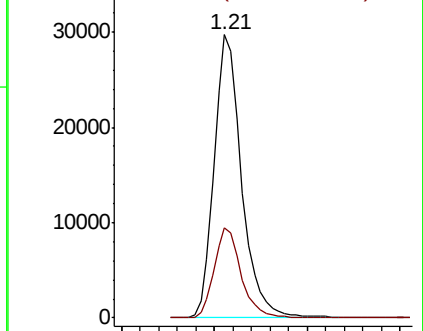
85 100

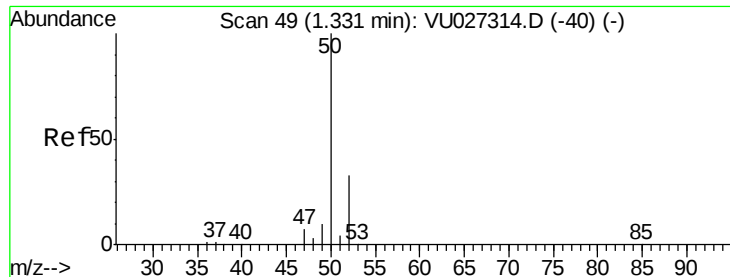
87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027460.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027460.D (-3) (-)





#3

Chloromethane

Concen: 16.223 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

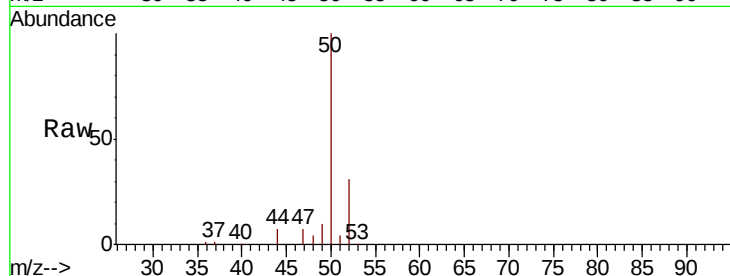
VU1006WBS01

Tgt Ion: 50 Resp: 39302

Ion Ratio Lower Upper

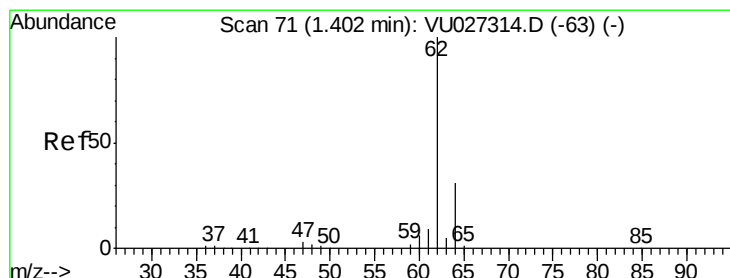
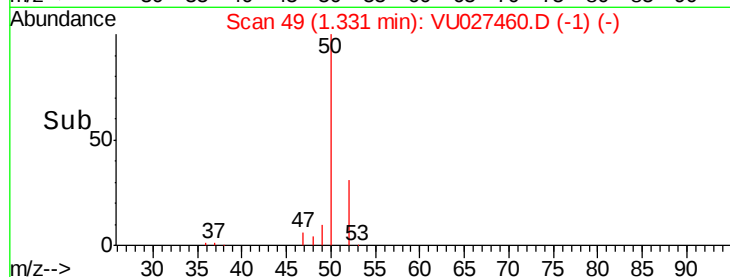
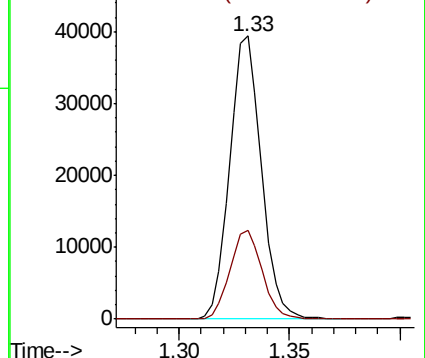
50 100

52 31.3 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: 16.907 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027460.D

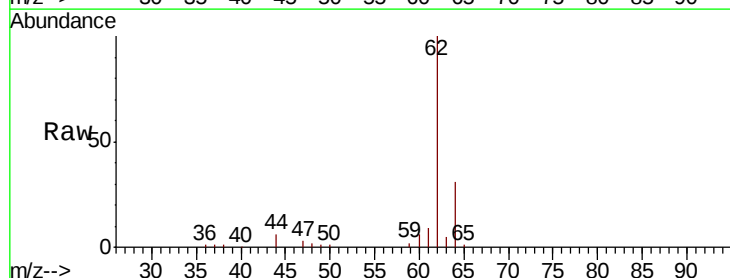
Acq: 05 Oct 2018 18:00

Tgt Ion: 62 Resp: 38503

Ion Ratio Lower Upper

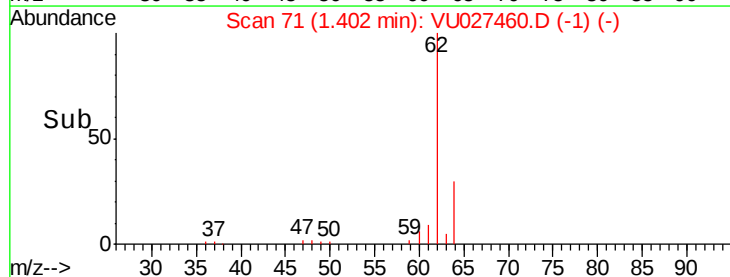
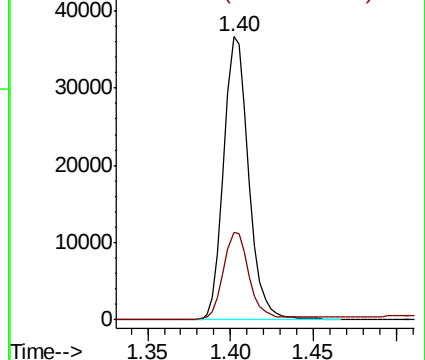
62 100

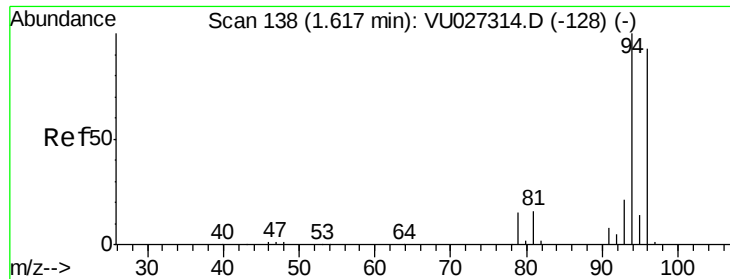
64 30.5 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

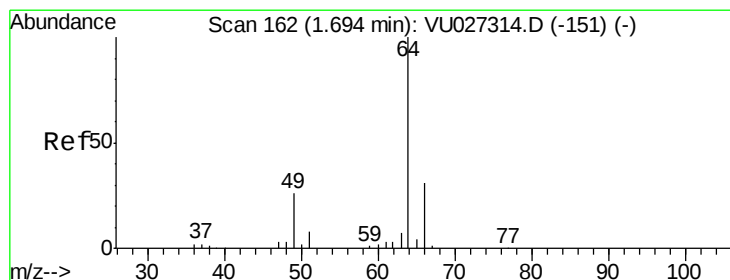
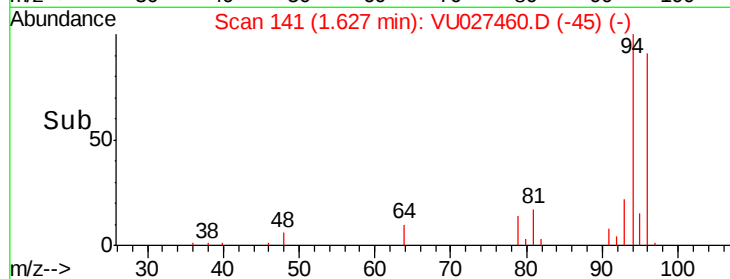
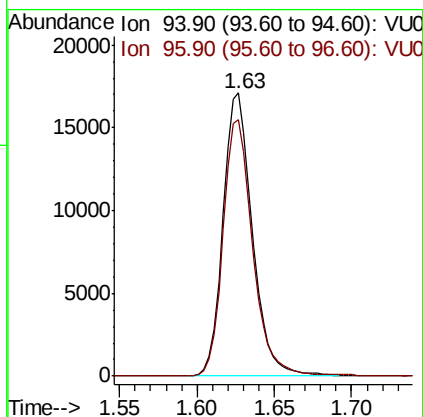
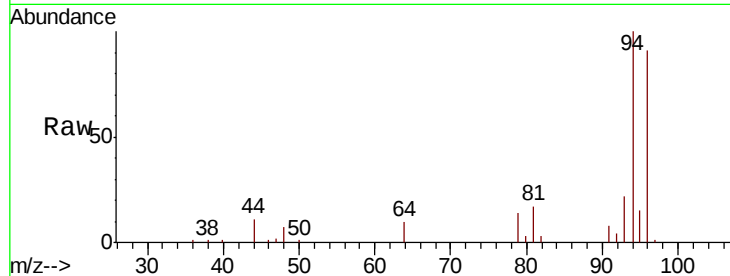




#5
Bromomethane
Concen: 22.714 ug/l
RT: 1.63 min Scan# 141
Delta R.T. 0.01 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

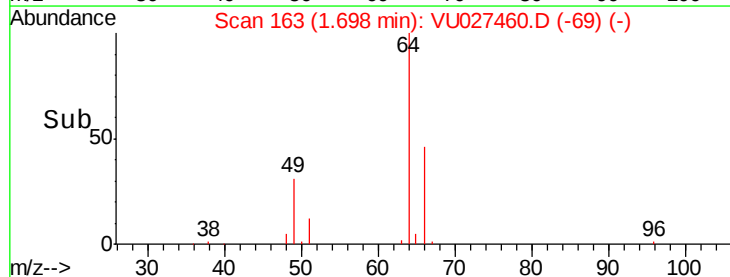
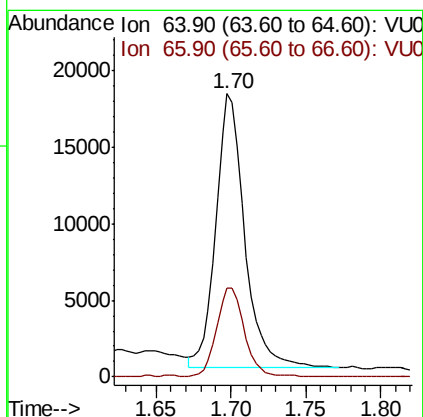
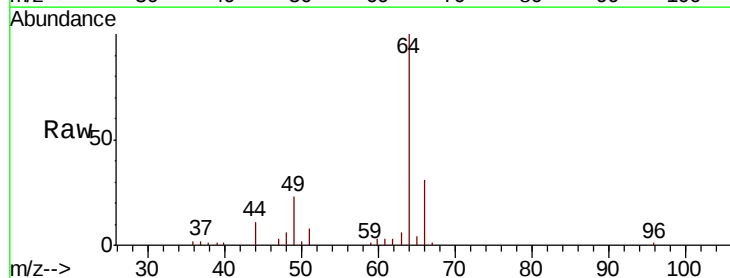
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

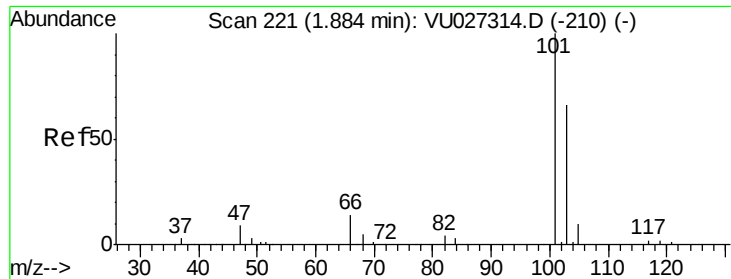
Tgt Ion: 94 Resp: 22383
Ion Ratio Lower Upper
94 100
96 90.6 74.6 111.8



#6
Chloroethane
Concen: 17.593 ug/l
RT: 1.70 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 64 Resp: 24075
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8





#7

Trichlorofluoromethane

Concen: 17.923 ug/l

RT: 1.89 min Scan# 222

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

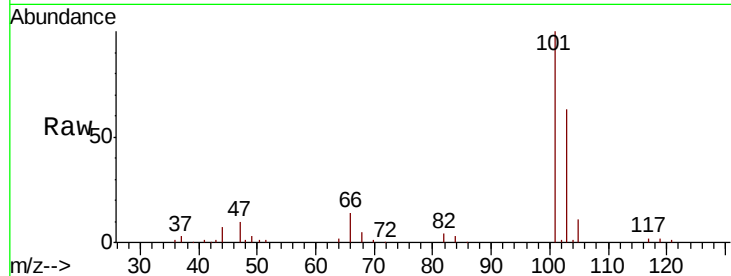
VU1006WBS01

Tgt Ion:101 Resp: 41414

Ion Ratio Lower Upper

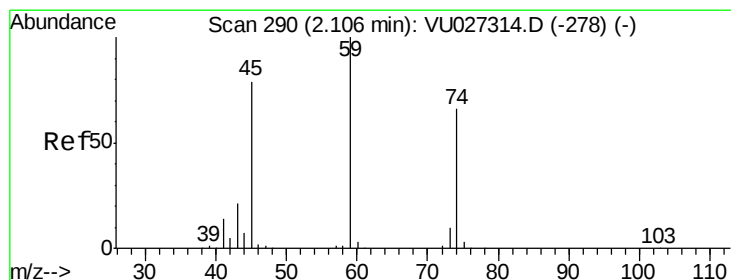
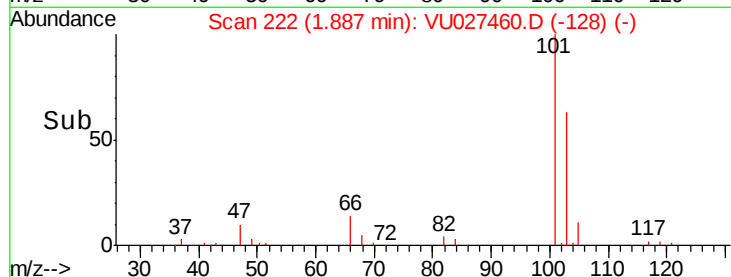
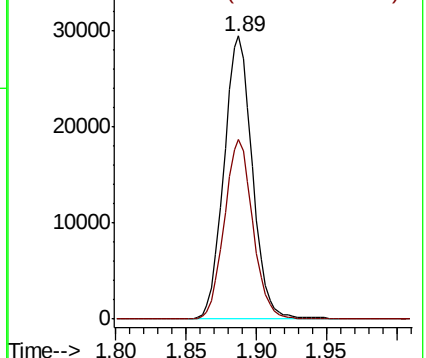
101 100

103 63.3 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 17.688 ug/l

RT: 2.11 min Scan# 290

Delta R.T. 0.00 min

Lab File: VU027460.D

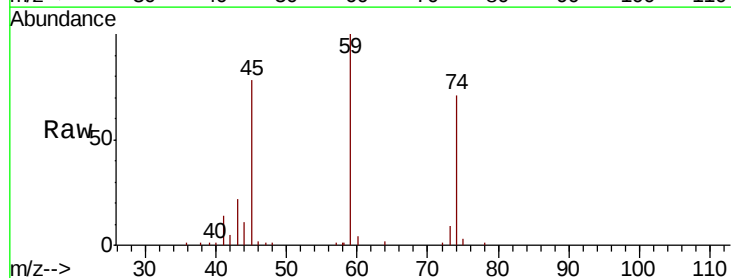
Acq: 05 Oct 2018 18:00

Tgt Ion: 74 Resp: 18827

Ion Ratio Lower Upper

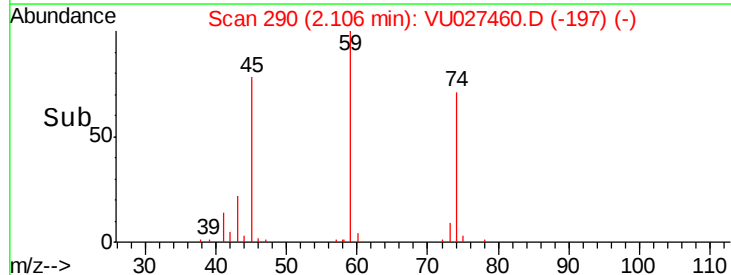
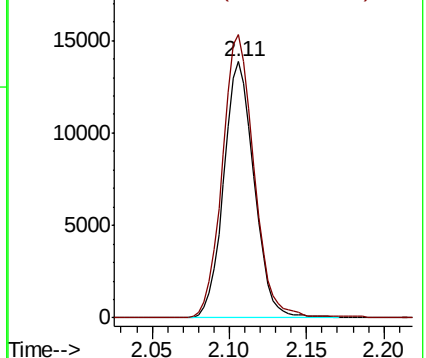
74 100

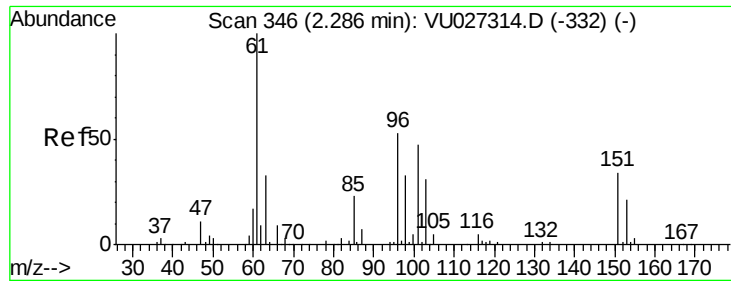
45 115.2 60.4 181.1



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.597 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

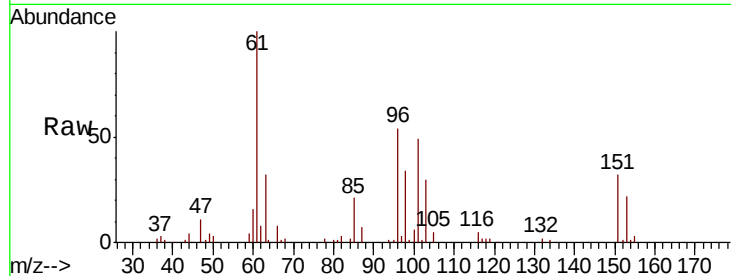
Tgt Ion:101 Resp: 23614

Ion Ratio Lower Upper

101 100

85 43.7 37.5 56.3

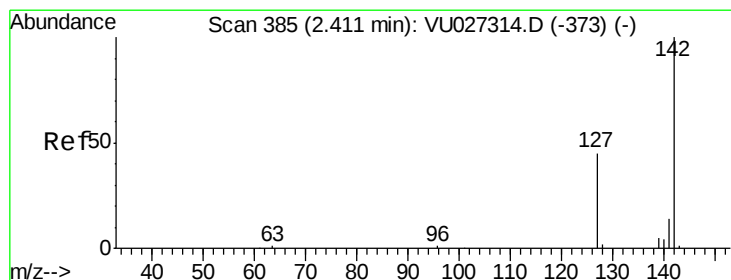
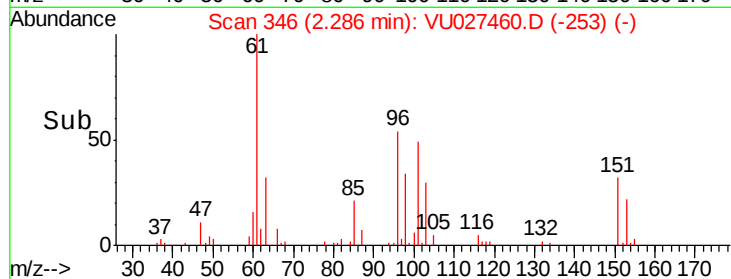
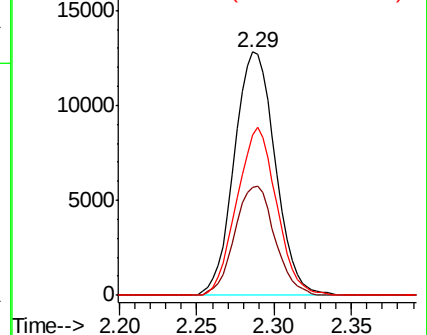
151 66.7 55.6 83.4



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: 21.497 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

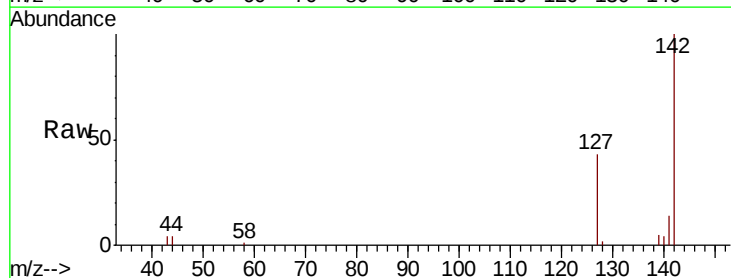
Tgt Ion:142 Resp: 18554

Ion Ratio Lower Upper

142 100

127 41.8 36.3 54.5

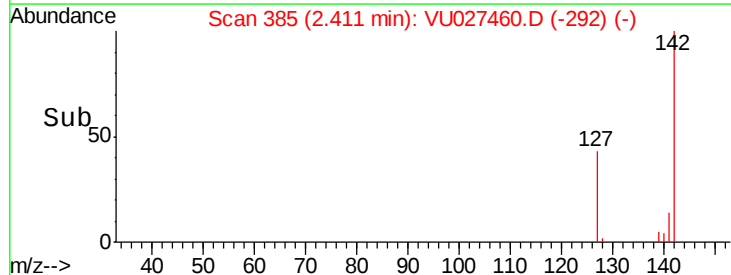
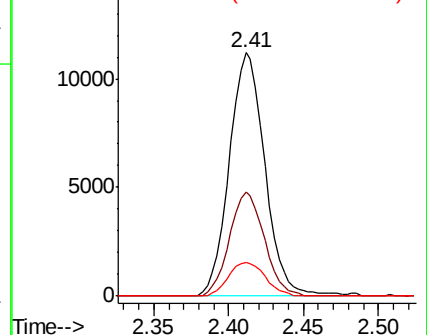
141 14.1 11.6 17.4

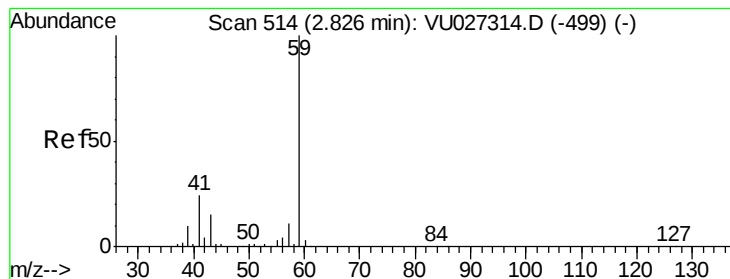


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 88.025 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

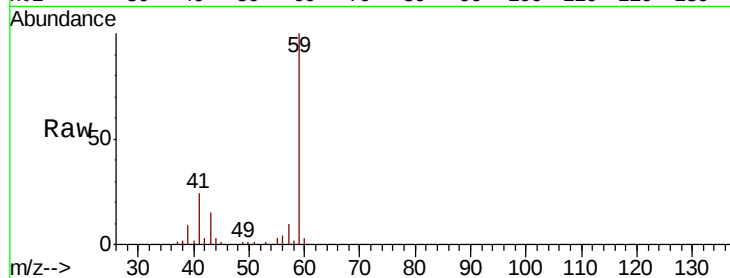
VU1006WBS01

Tgt Ion: 59 Resp: 38418

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

20000

15000

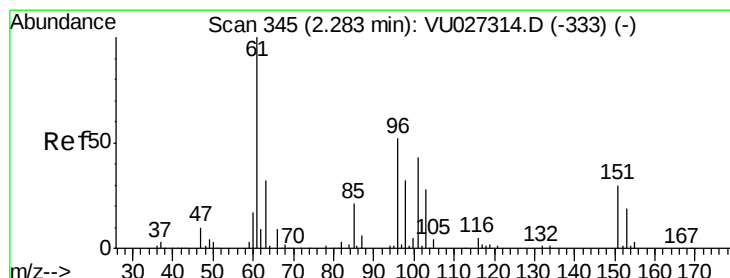
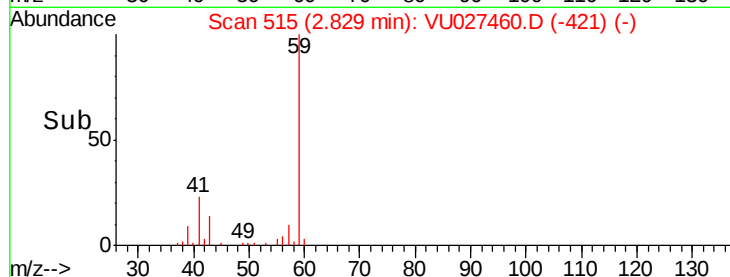
10000

5000

0

Time-->

2.75 2.80 2.85 2.90 2.95



#12

1,1-Dichloroethene

Concen: 16.947 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

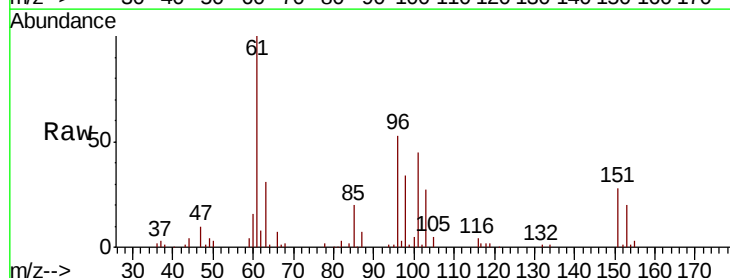
Tgt Ion: 96 Resp: 22219

Ion Ratio Lower Upper

96 100

61 187.6 153.0 229.6

98 63.0 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) (-)

30000

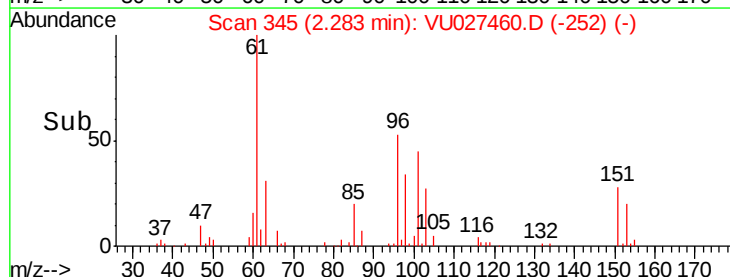
20000

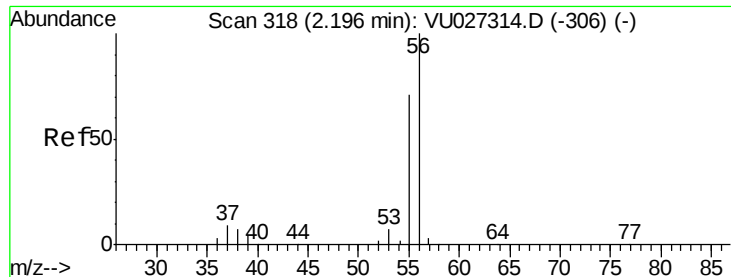
10000

0

Time-->

2.25 2.30 2.35





#13

Acrolein

Concen: 40.197 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

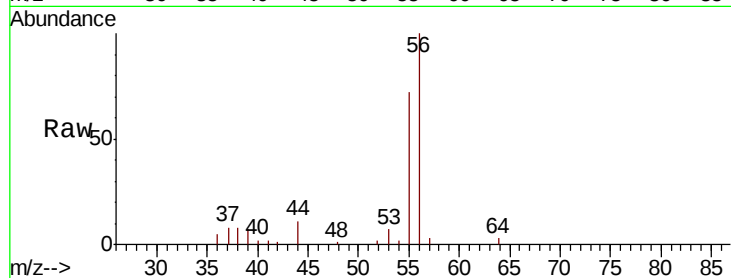
VU1006WBS01

Tgt Ion: 56 Resp: 14721

Ion Ratio Lower Upper

56 100

55 72.2 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

10000

8000

6000

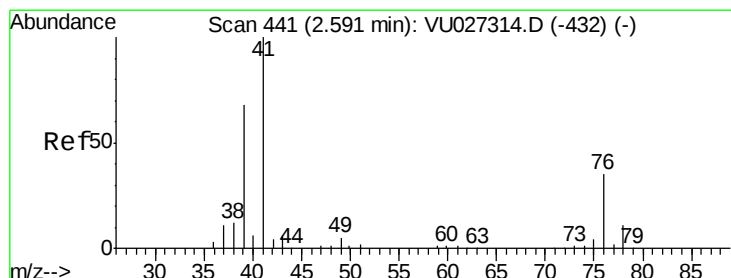
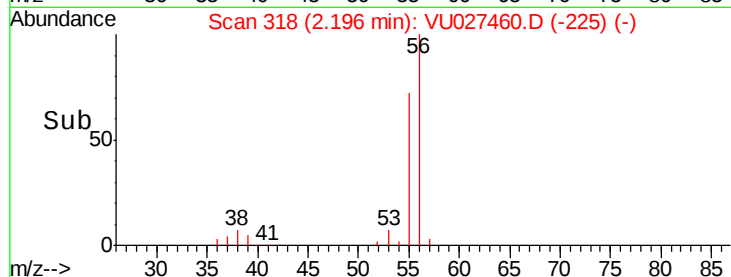
4000

2000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 16.428 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

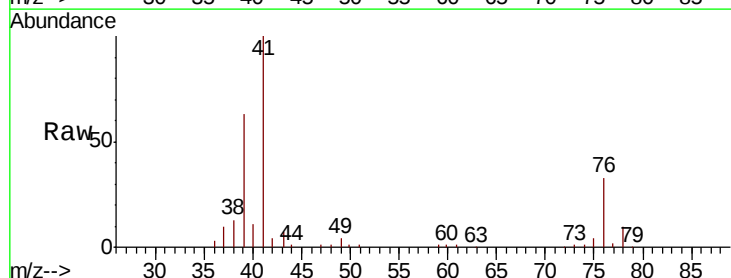
Tgt Ion: 41 Resp: 51146

Ion Ratio Lower Upper

41 100

39 62.8 51.8 77.8

76 33.4 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

2.59

40000

30000

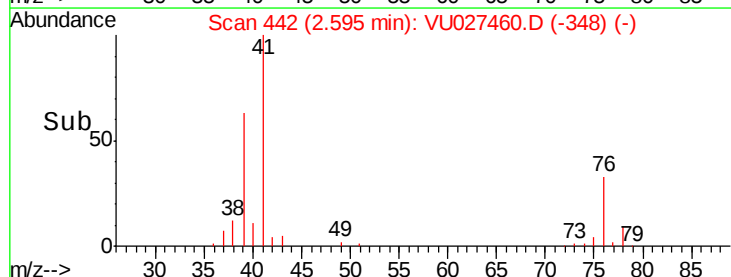
20000

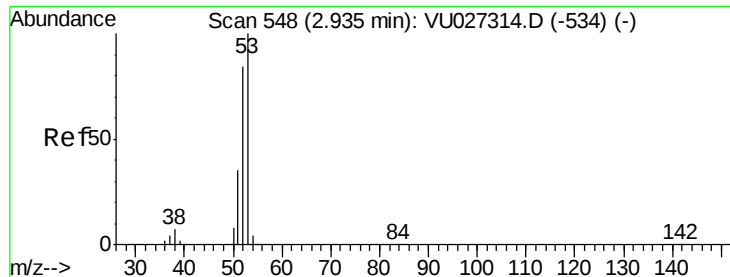
10000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 88.819 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

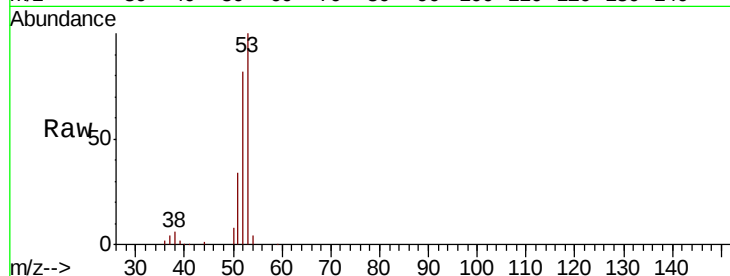
Tgt Ion: 53 Resp: 100894

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

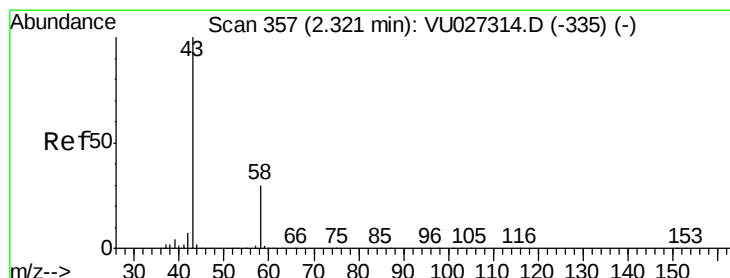
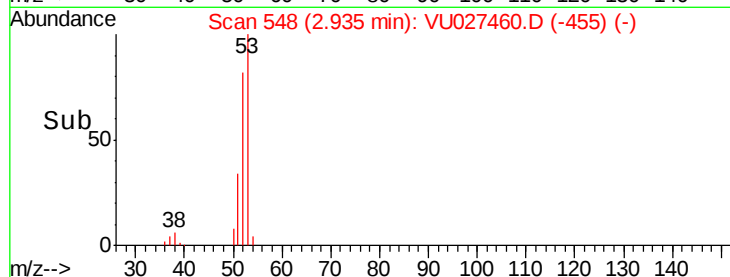
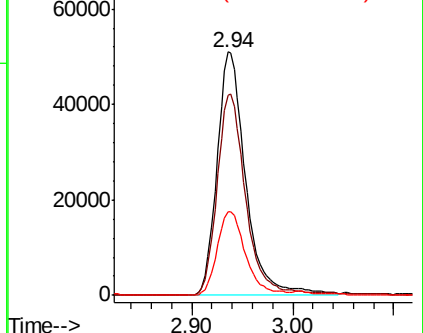
51 34.3 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VU027460.D (-534) (-)

Ion 52.00 (51.70 to 52.70): VU027460.D (-534) (-)

Ion 51.00 (50.70 to 51.70): VU027460.D (-534) (-)



#16

Acetone

Concen: 83.083 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027460.D

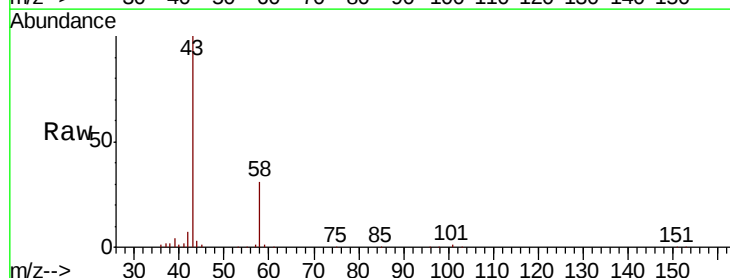
Acq: 05 Oct 2018 18:00

Tgt Ion: 43 Resp: 101726

Ion Ratio Lower Upper

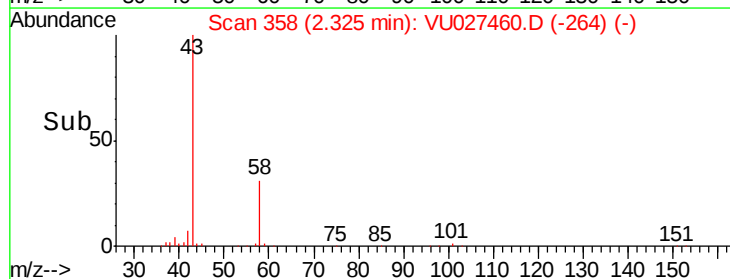
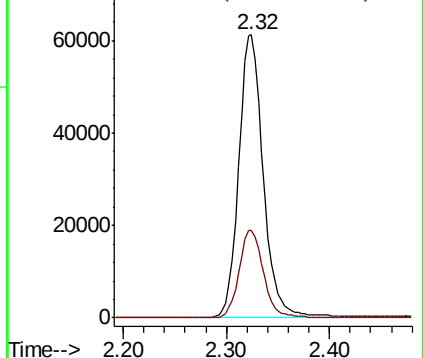
43 100

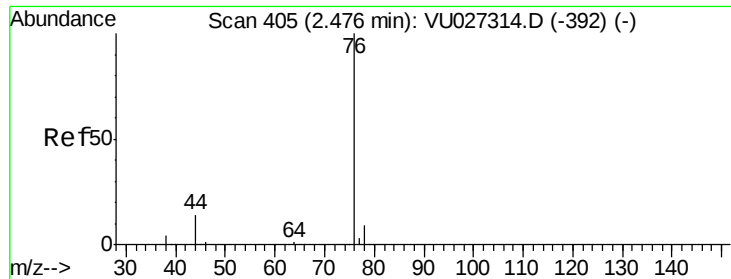
58 31.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027460.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU027460.D (-264) (-)

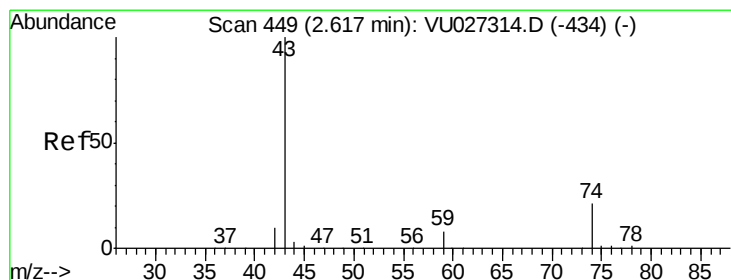
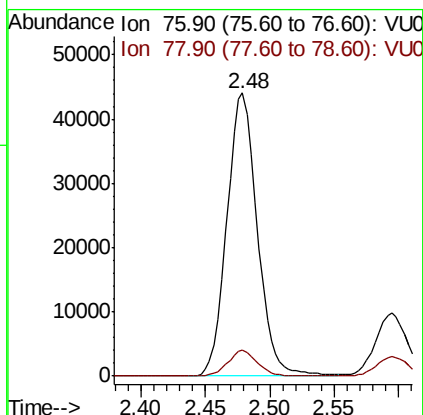
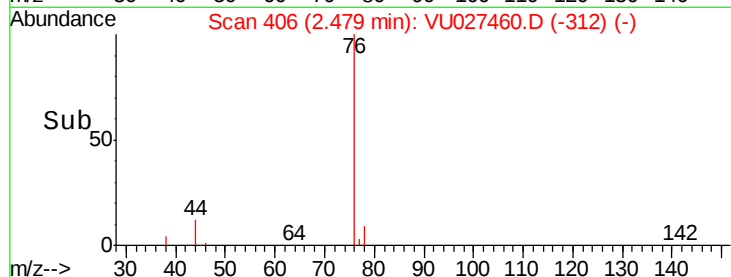
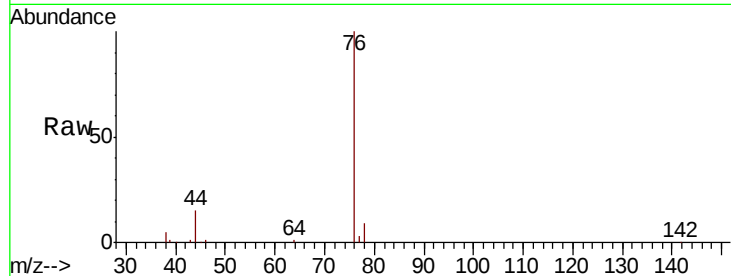




#17
Carbon Disulfide
Concen: 15.301 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

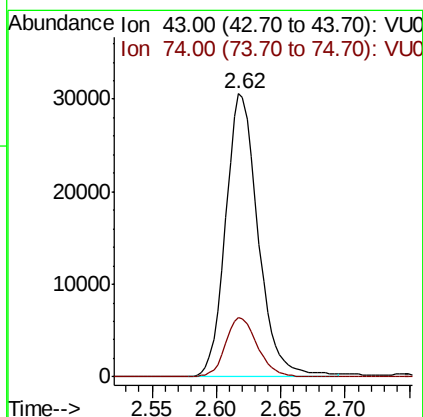
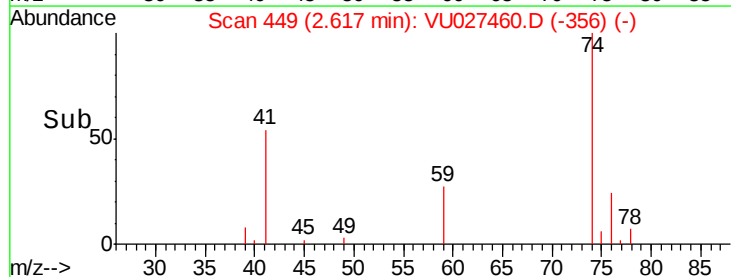
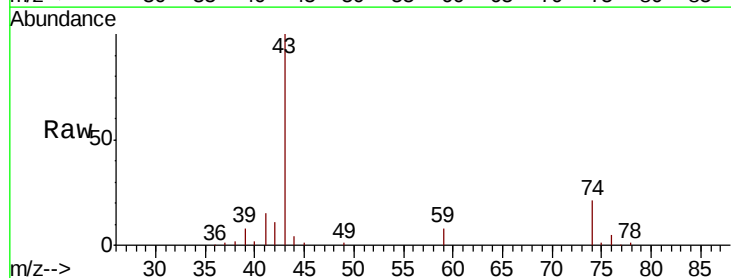
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

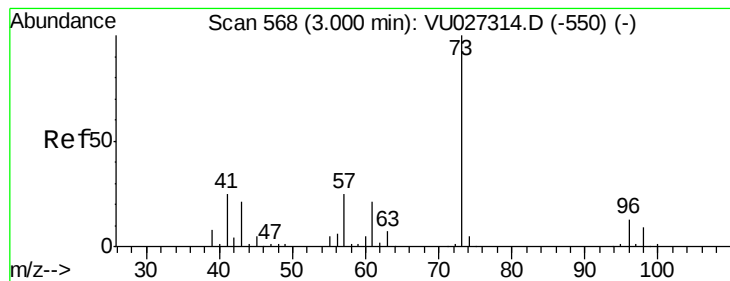
Tgt Ion: 76 Resp: 72348
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 19.212 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 43 Resp: 53663
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7



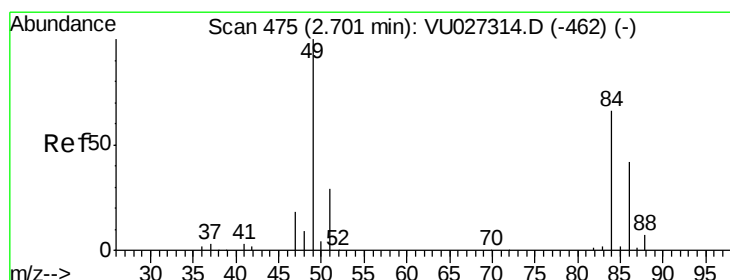
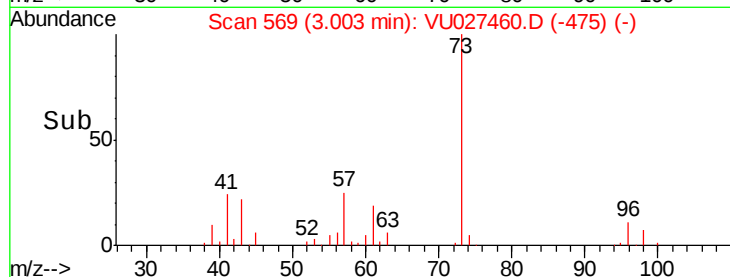
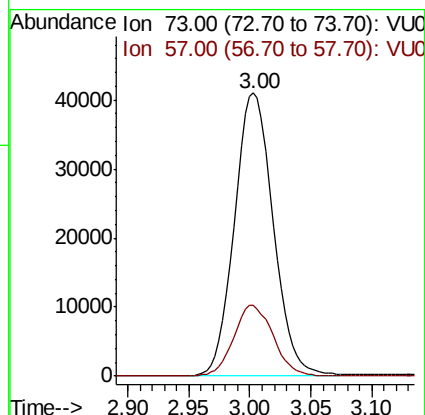
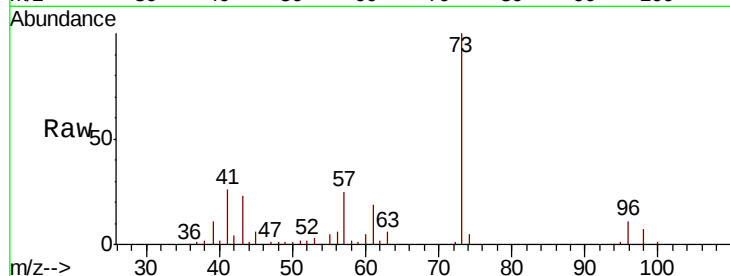


#19

Methyl tert-butyl Ether
Concen: 17.246 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

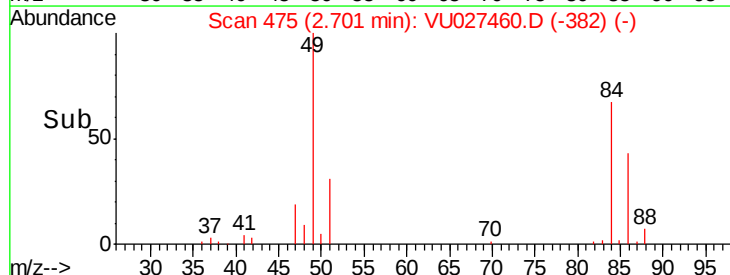
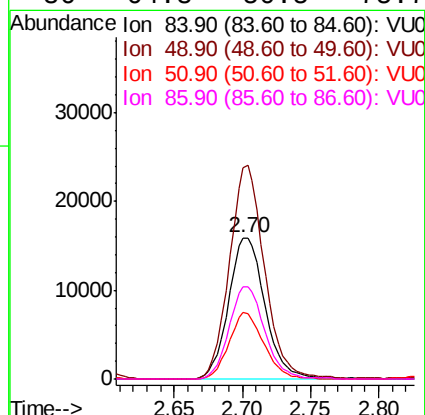
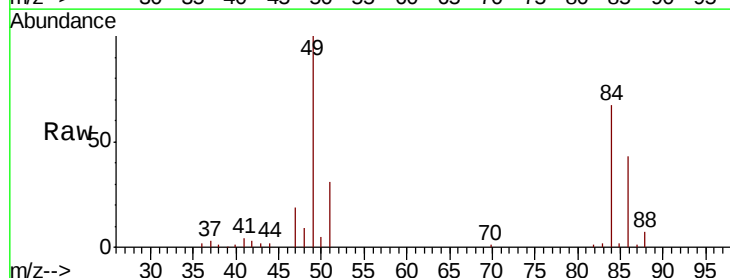
Tgt Ion: 73 Resp: 90597
Ion Ratio Lower Upper
73 100
57 24.9 20.0 30.0

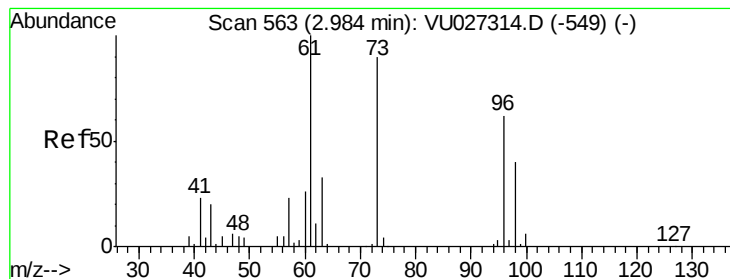


#20

Methylene Chloride
Concen: 17.326 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 84 Resp: 29550
Ion Ratio Lower Upper
84 100
49 149.2 120.5 180.7
51 46.8 35.1 52.7
86 64.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 17.532 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

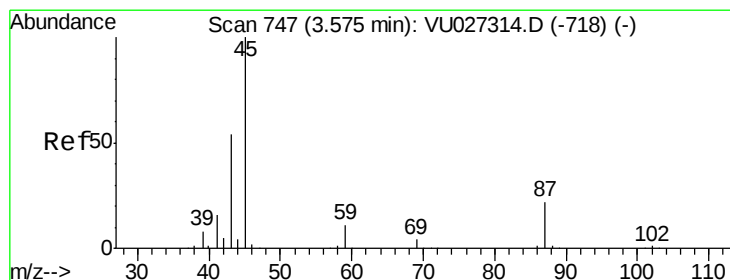
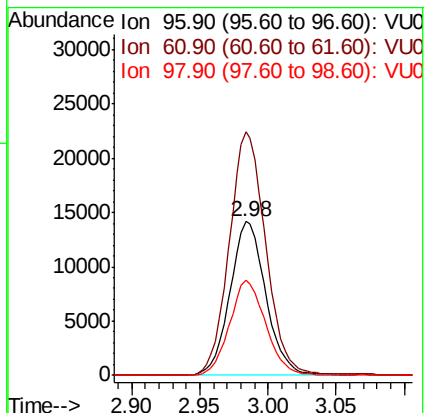
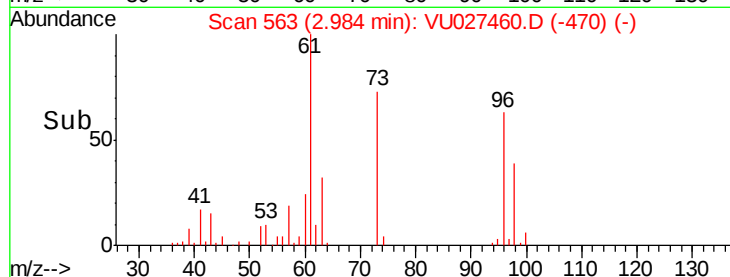
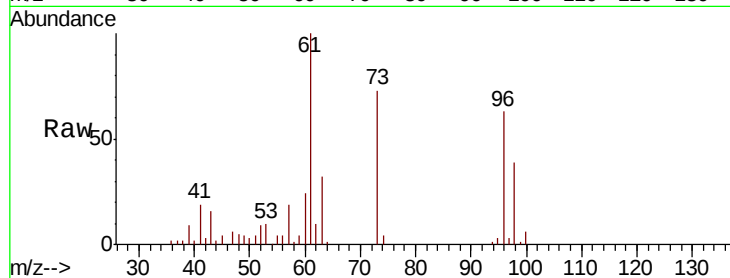
Tgt Ion: 96 Resp: 25806

Ion Ratio Lower Upper

96 100

61 158.4 129.4 194.2

98 61.8 51.2 76.8



#22

Diisopropyl ether

Concen: 17.278 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Tgt Ion: 45 Resp: 109332

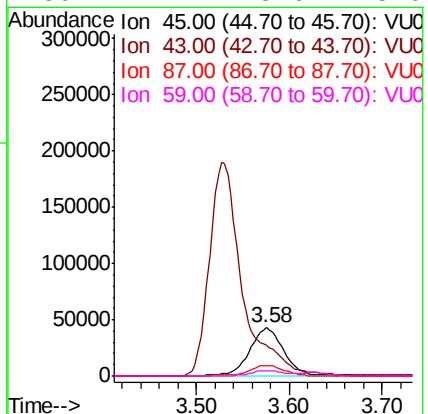
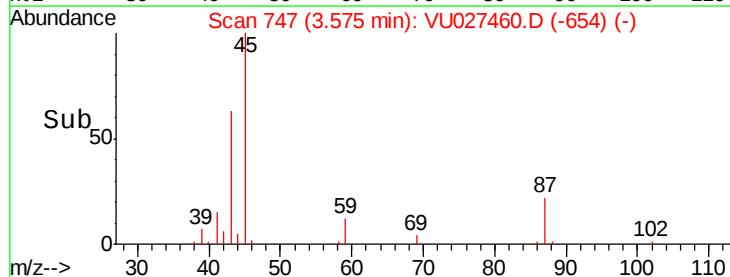
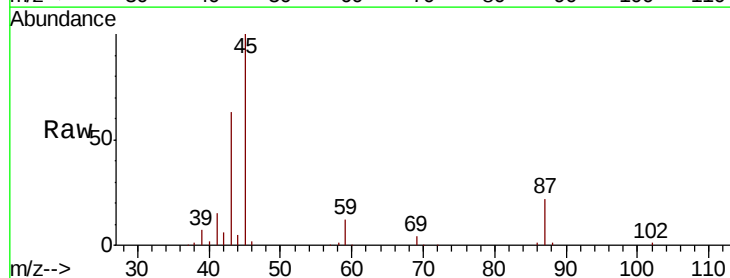
Ion Ratio Lower Upper

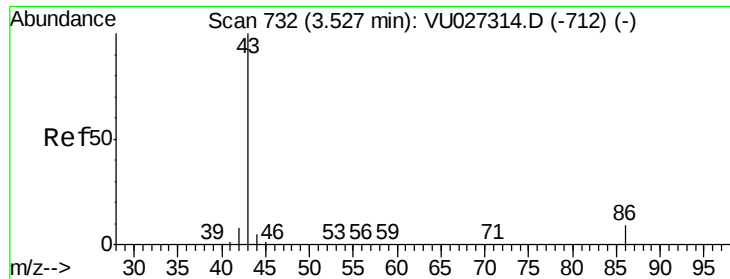
45 100

43 59.4 43.4 65.2

87 22.1 17.5 26.3

59 11.7 8.6 13.0





#23

Vinyl Acetate

Concen: 85.374 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

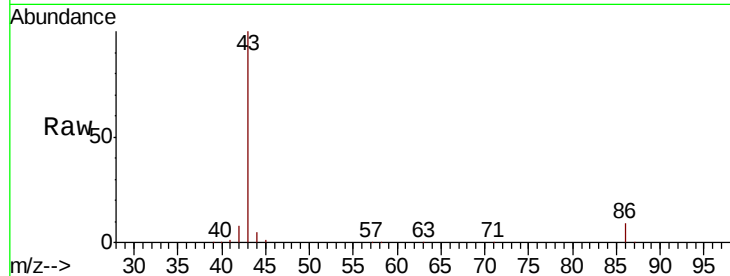
VU1006WBS01

Tgt Ion: 43 Resp: 471793

Ion Ratio Lower Upper

43 100

86 8.8 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU027460.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027460.D (-639) (-)

3.53

200000

150000

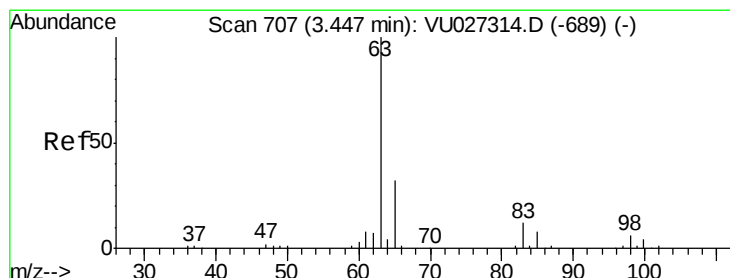
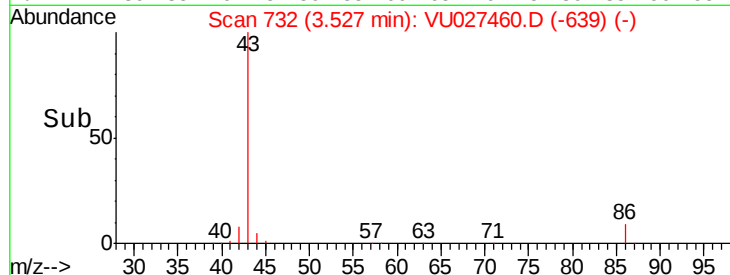
100000

50000

0

Time-->

3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 17.378 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

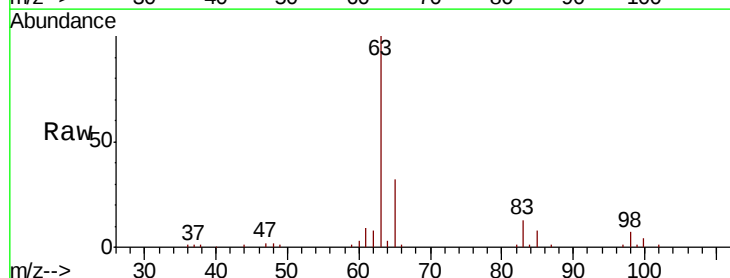
Tgt Ion: 63 Resp: 56530

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

100 3.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU027460.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU027460.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU027460.D (-614) (-)

3.45

30000

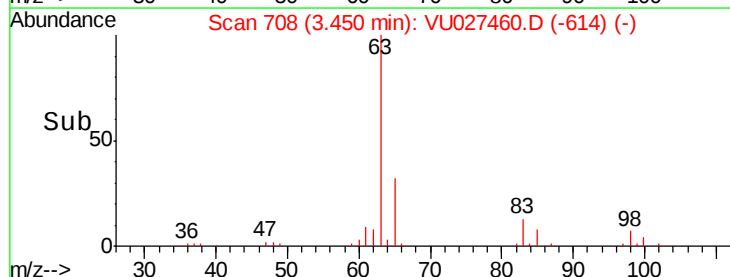
20000

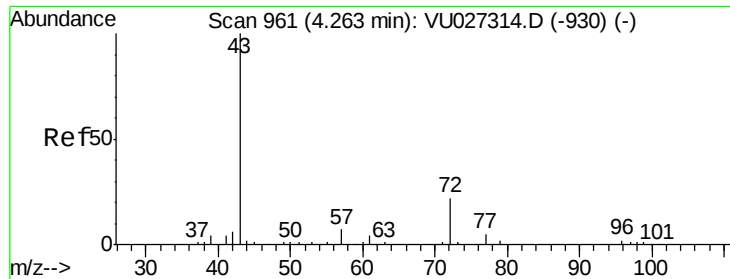
10000

0

Time-->

3.40 3.50 3.60





#25

2-Butanone

Concen: 87.331 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

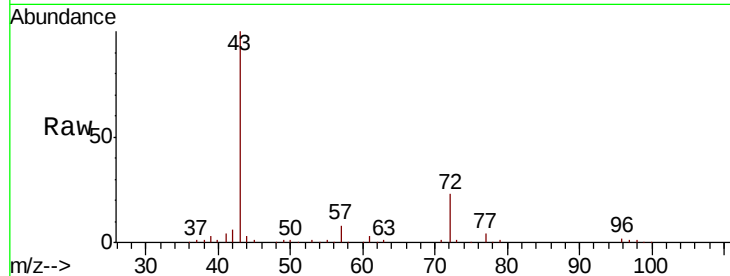
VU1006WBS01

Tgt Ion: 43 Resp: 145812

Ion Ratio Lower Upper

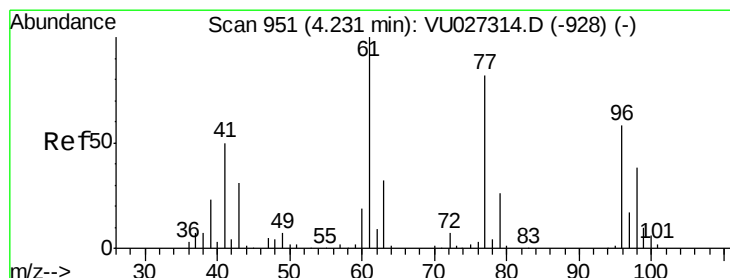
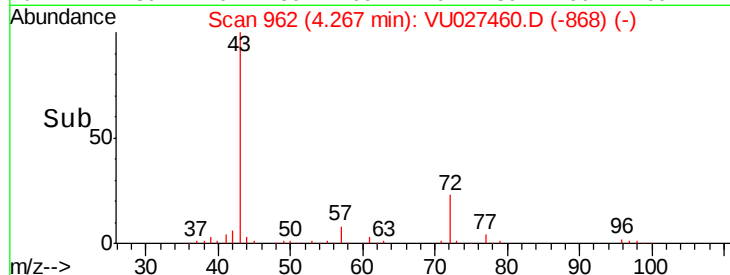
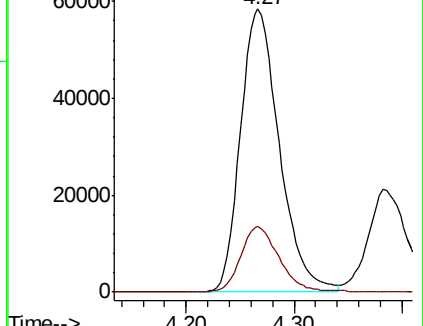
43 100

72 23.1 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-930) (-)

Ion 72.00 (71.70 to 72.70): VU027314.D (-930) (-)



#26

2,2-Dichloropropane

Concen: 16.069 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027460.D

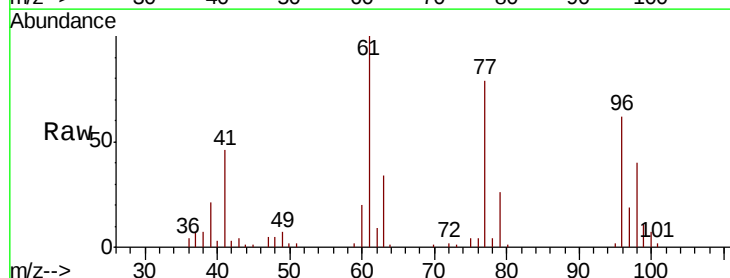
Acq: 05 Oct 2018 18:00

Tgt Ion: 77 Resp: 42953

Ion Ratio Lower Upper

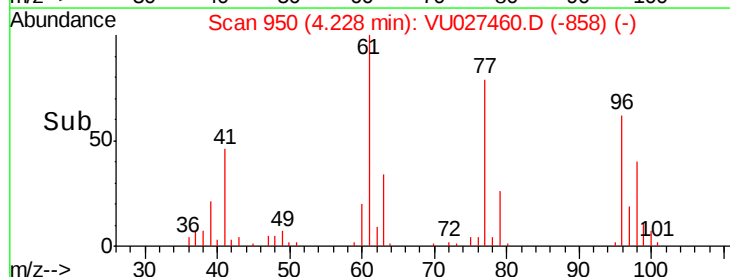
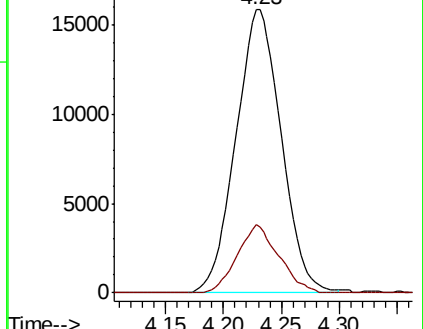
77 100

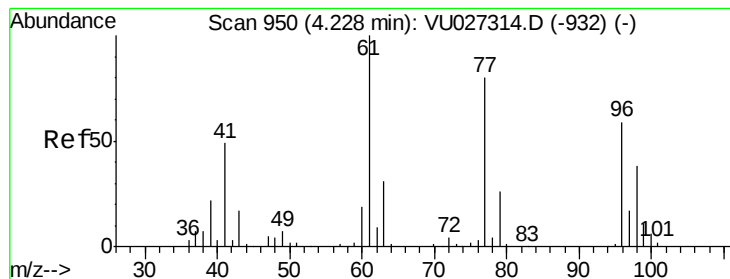
97 21.9 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU027314.D (-928) (-)

Ion 96.90 (96.60 to 97.60): VU027314.D (-928) (-)





#27

cis-1,2-Dichloroethene

Concen: 17.423 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

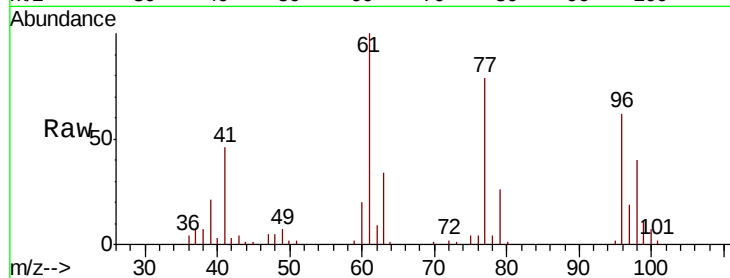
Tgt Ion: 96 Resp: 29328

Ion Ratio Lower Upper

96 100

61 168.0 0.0 343.8

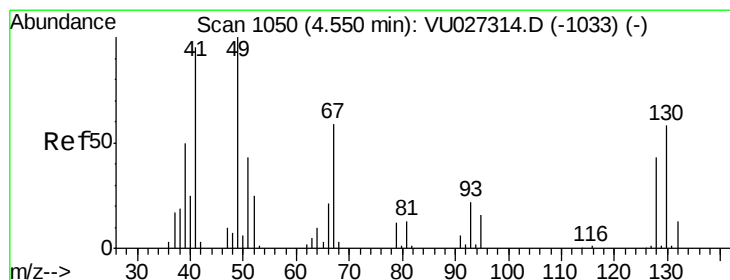
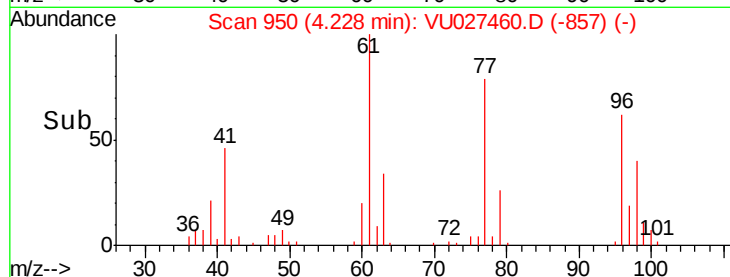
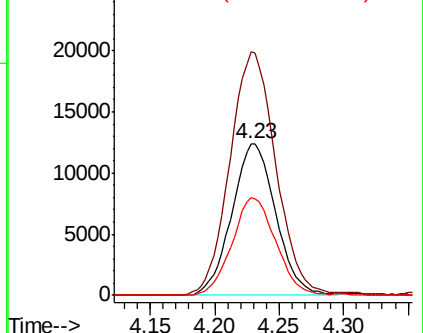
98 64.0 0.0 129.0



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: 19.158 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

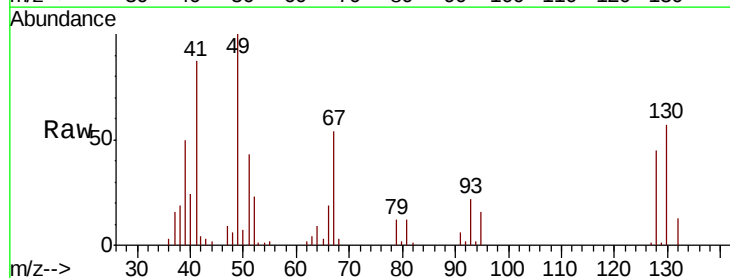
Tgt Ion: 49 Resp: 30068

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.0

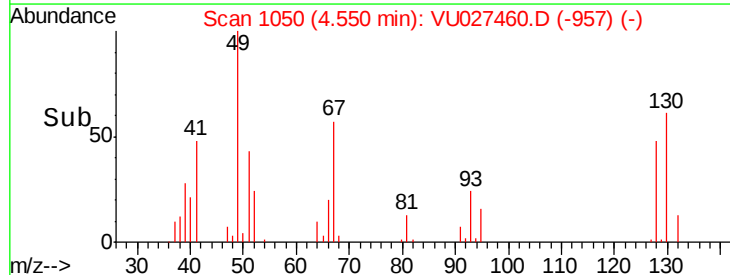
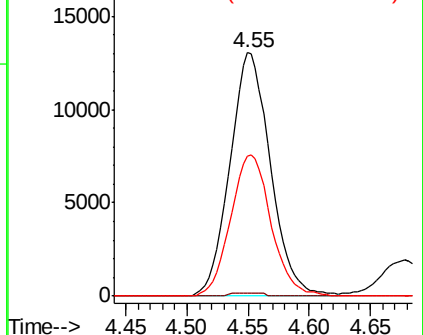
130 57.6 46.1 69.1

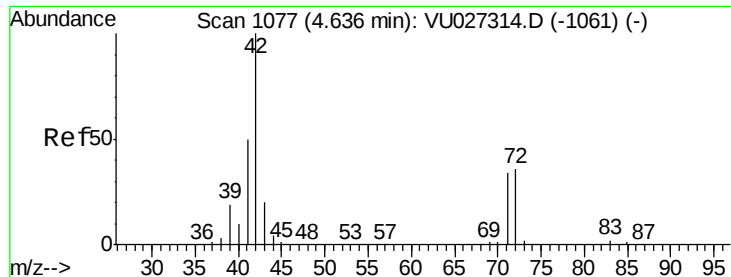


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

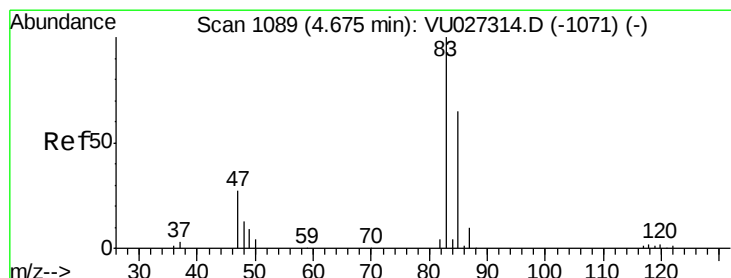
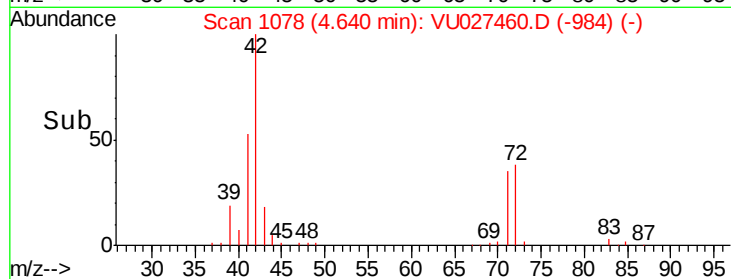
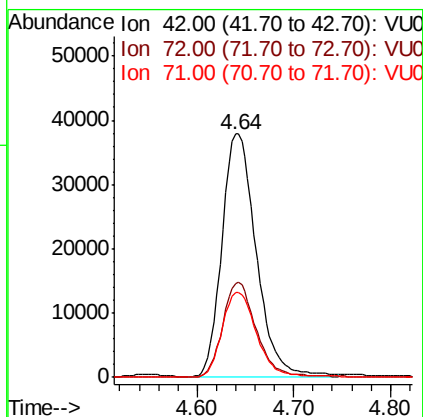
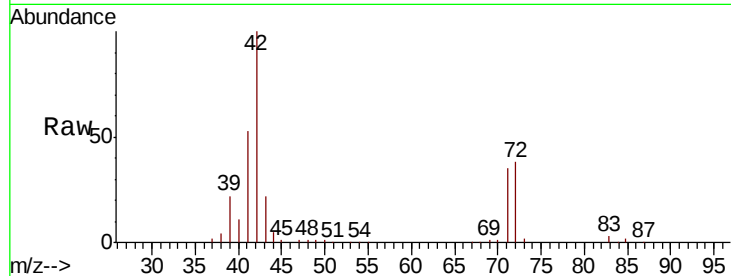




#29
Tetrahydrofuran
Concen: 89.381 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

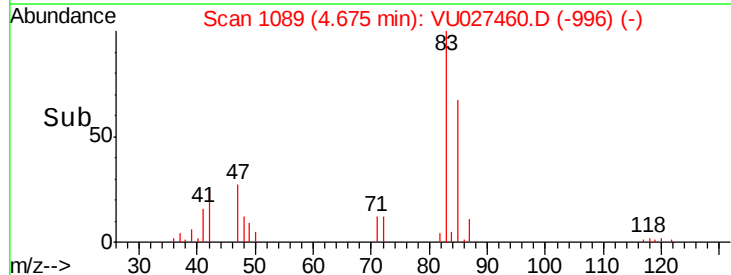
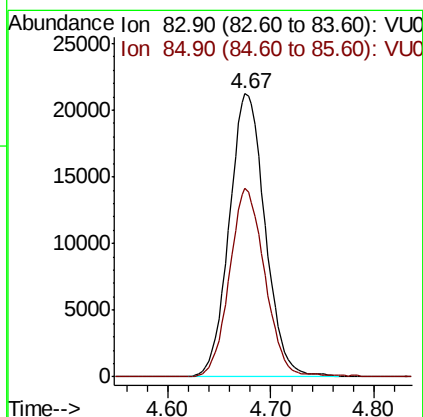
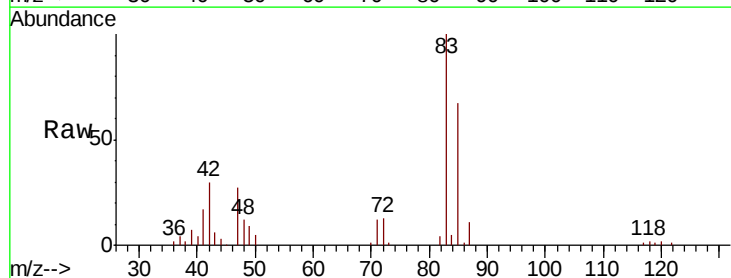
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

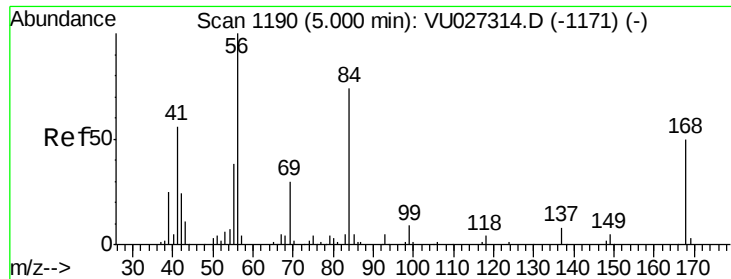
Tgt Ion: 42 Resp: 94049
Ion Ratio Lower Upper
42 100
72 38.1 30.1 45.1
71 34.8 27.7 41.5



#30
Chloroform
Concen: 17.782 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 83 Resp: 51393
Ion Ratio Lower Upper
83 100
85 66.6 51.8 77.6

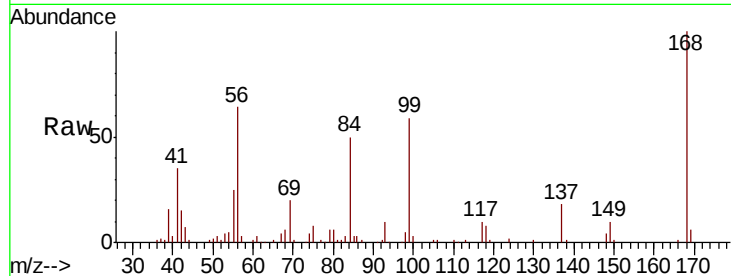




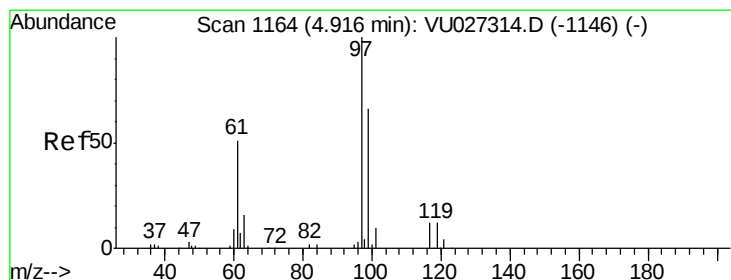
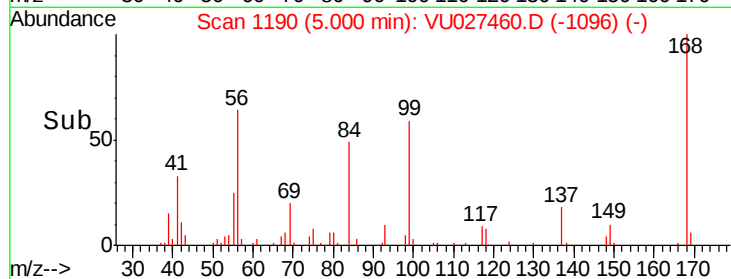
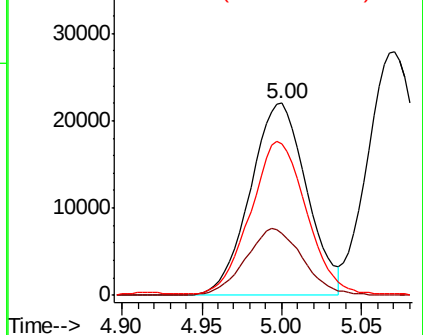
#31
Cyclohexane
Concen: 15.998 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tgt Ion: 56 Resp: 53715
Ion Ratio Lower Upper
56 100
69 32.0 24.1 36.1
84 77.9 59.1 88.7

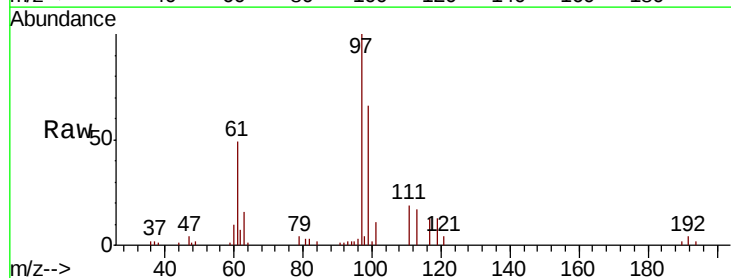


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

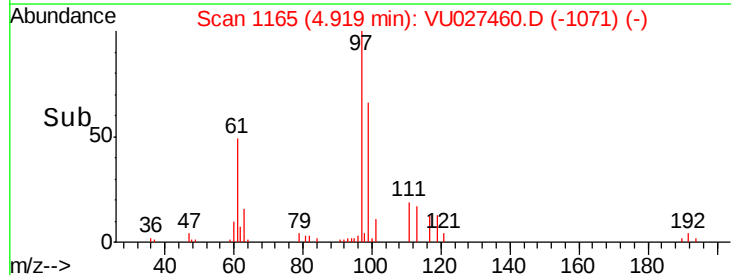
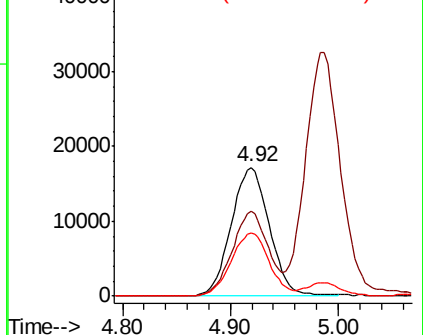


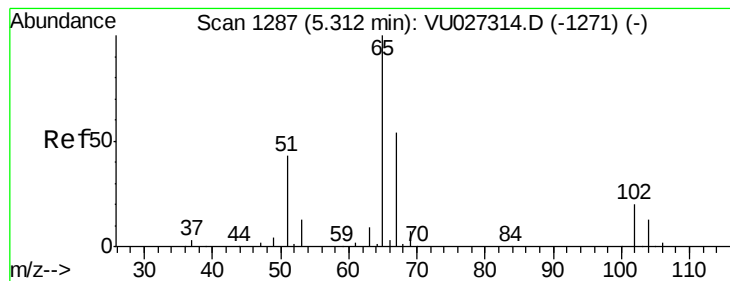
#32
1,1,1-Trichloroethane
Concen: 17.433 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 97 Resp: 42435
Ion Ratio Lower Upper
97 100
99 62.2 51.1 76.7
61 48.9 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: 43.568 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

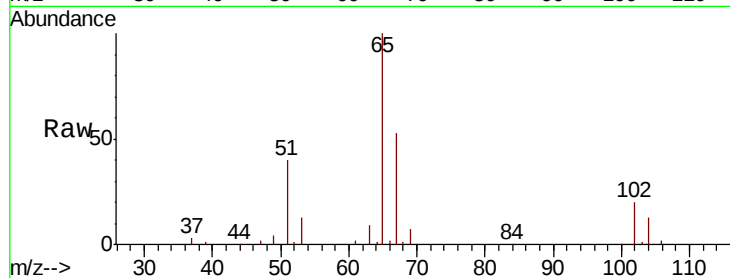
VU1006WBS01

Tgt Ion: 65 Resp: 90297

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

5.31

40000

30000

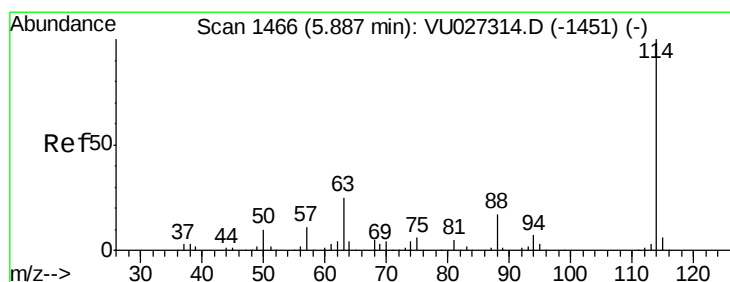
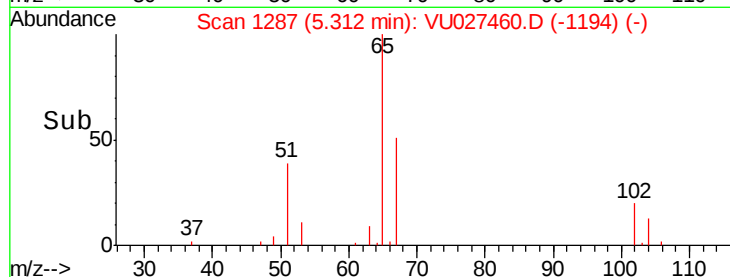
20000

10000

0

5.25 5.30 5.35 5.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

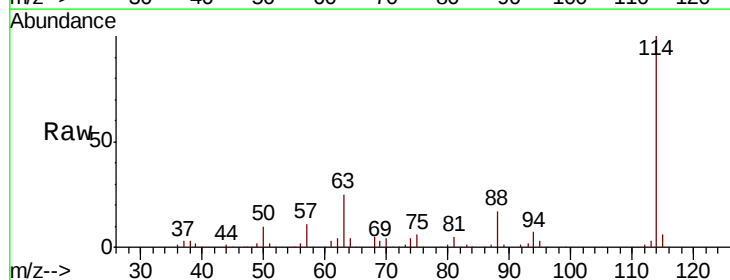
Tgt Ion: 114 Resp: 212253

Ion Ratio Lower Upper

114 100

63 24.8 0.0 50.2

88 17.1 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VU027314.D (-1451) (-)

Ion 63.00 (62.70 to 63.70): VU027314.D (-1451) (-)

Ion 87.90 (87.60 to 88.60): VU027314.D (-1451) (-)

5.89

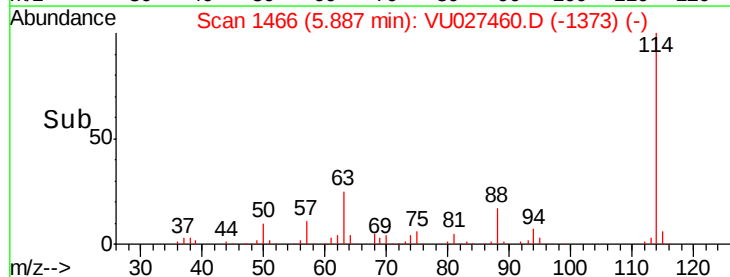
100000

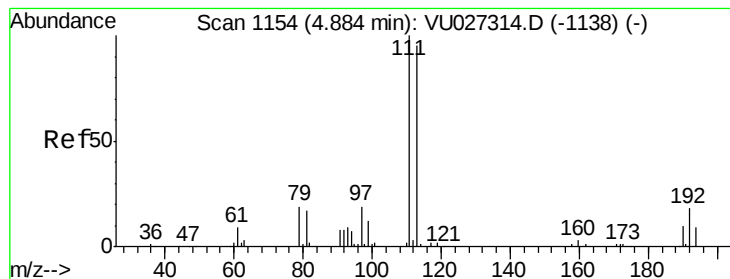
50000

0

5.80 5.90 6.00

Time-->





#35

Dibromofluoromethane

Concen: 45.062 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

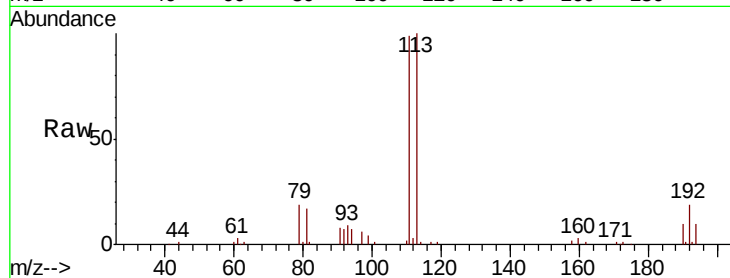
Tgt Ion:113 Resp: 65549

Ion Ratio Lower Upper

113 100

111 101.8 83.1 124.7

192 19.6 15.4 23.0

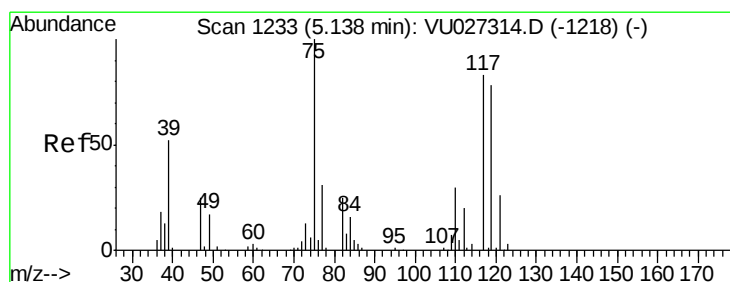
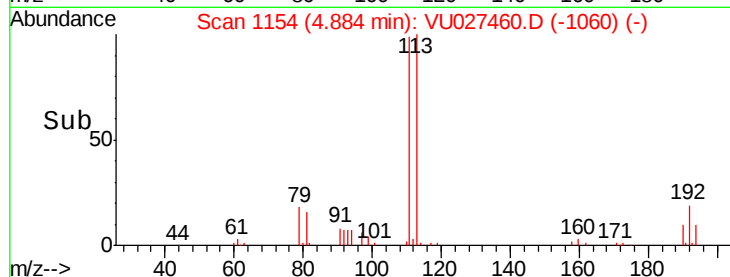
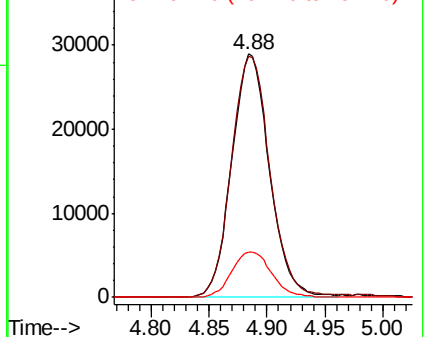


Abundance

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: 17.123 ug/l

RT: 5.14 min Scan# 1234

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

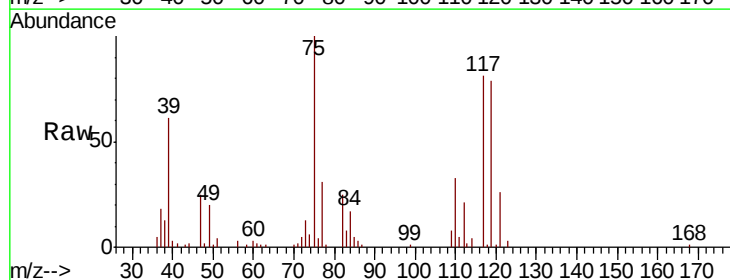
Tgt Ion: 75 Resp: 39461

Ion Ratio Lower Upper

75 100

110 32.5 15.5 46.5

77 31.2 25.4 38.0

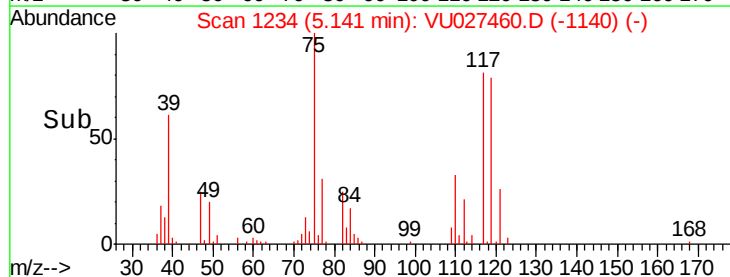
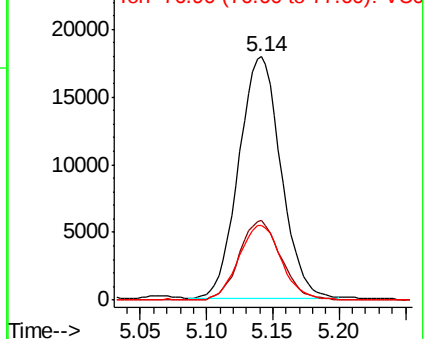


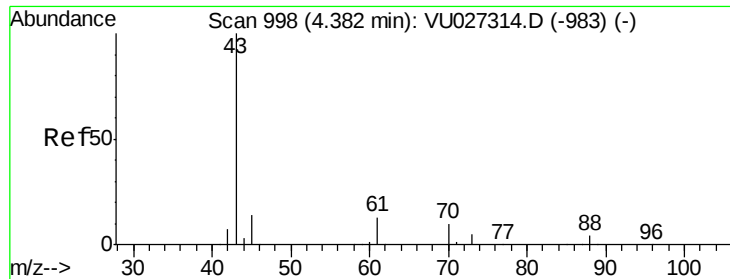
Abundance

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: 17.854 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

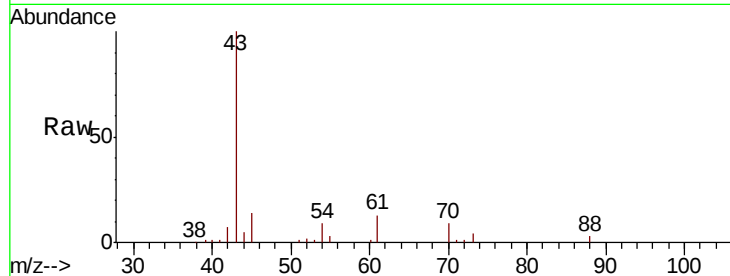
Tgt Ion: 43 Resp: 53178

Ion Ratio Lower Upper

43 100

61 12.8 10.7 16.1

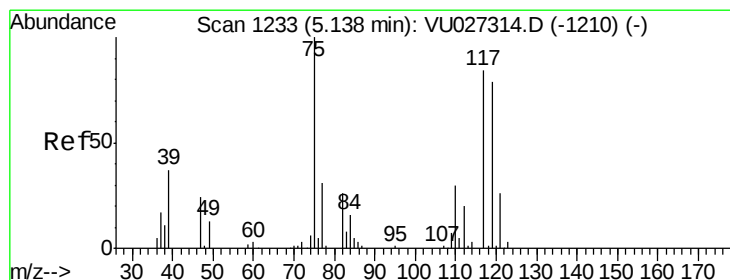
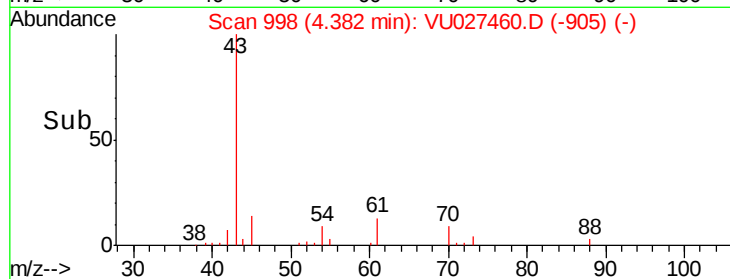
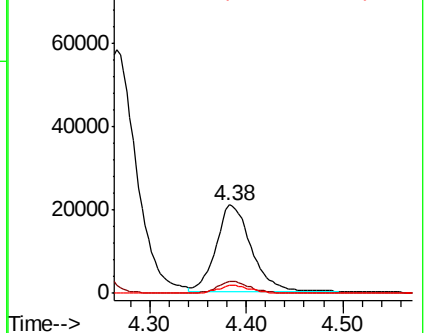
70 8.6 7.4 11.2



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: 16.793 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

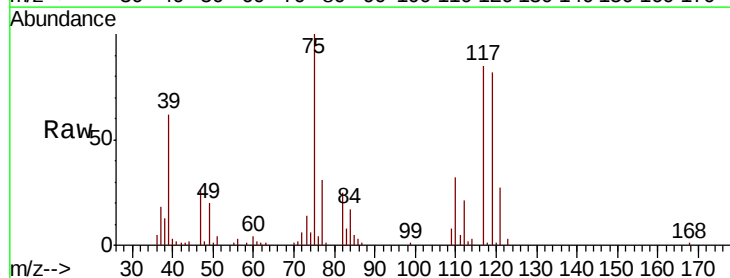
Tgt Ion: 117 Resp: 34960

Ion Ratio Lower Upper

117 100

119 96.2 74.5 111.7

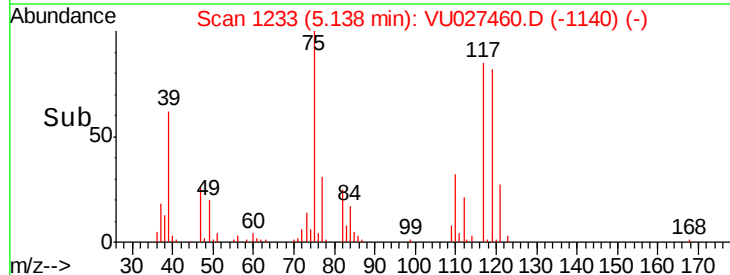
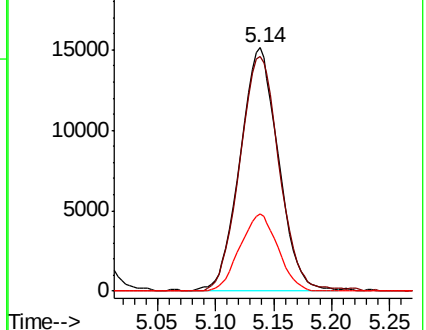
121 31.5 24.6 37.0

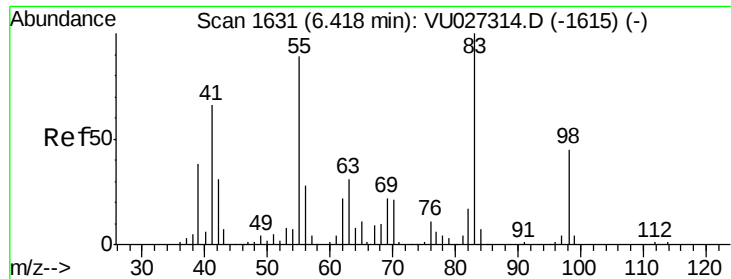


Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)

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

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

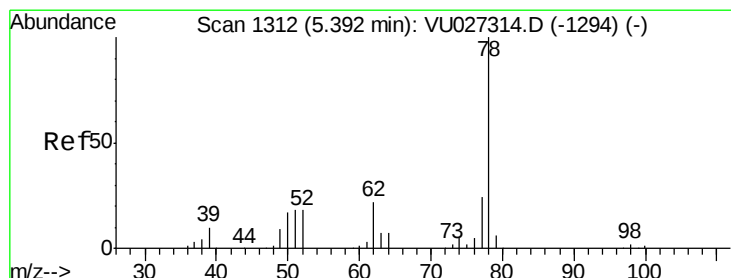
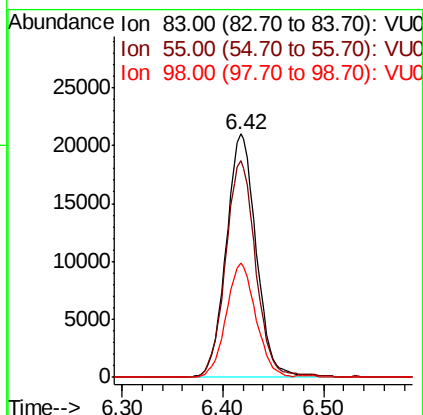
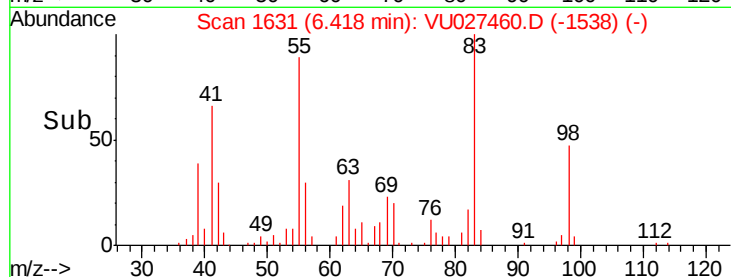
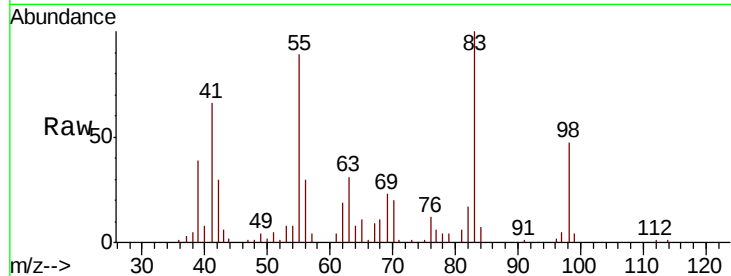




#39
Methylcyclohexane
Concen: 16.190 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

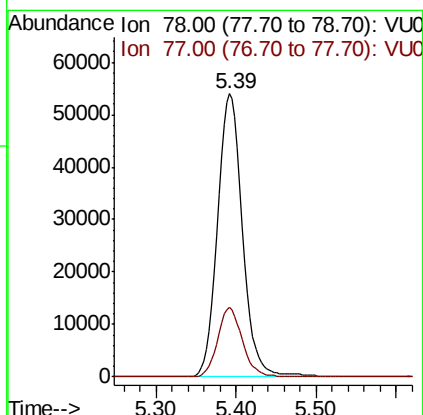
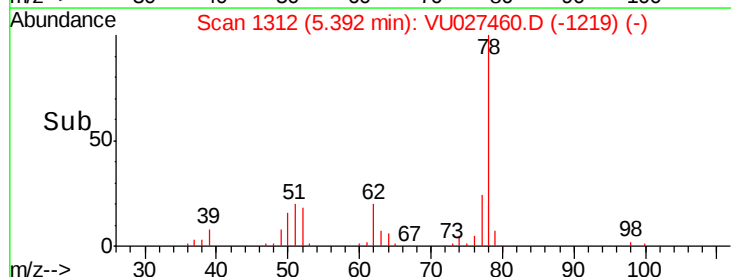
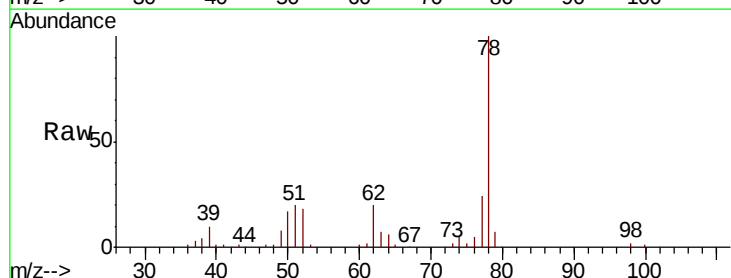
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

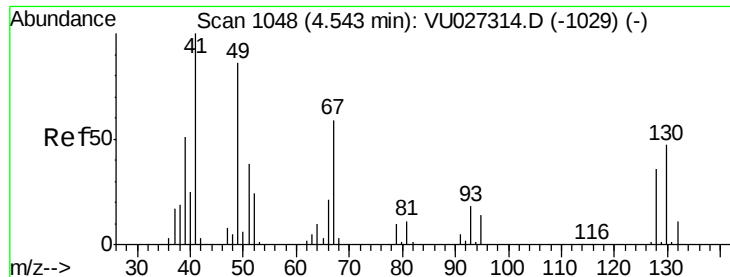
Tgt Ion: 83 Resp: 43614
Ion Ratio Lower Upper
83 100
55 88.9 71.1 106.7
98 46.9 36.3 54.5



#40
Benzene
Concen: 17.460 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 78 Resp: 117211
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9

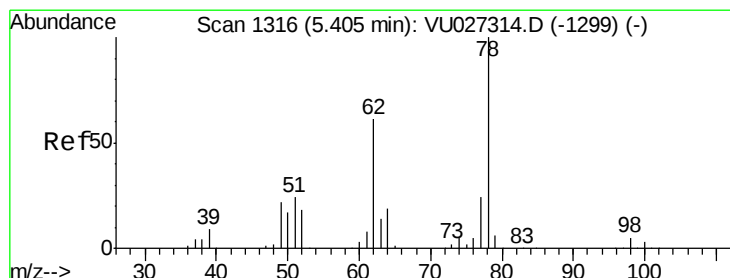
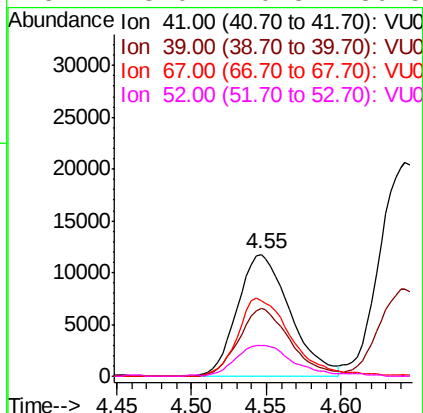
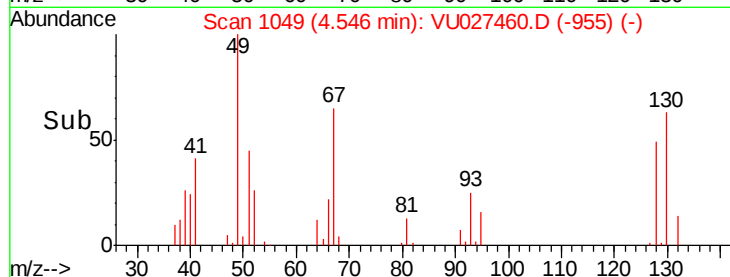
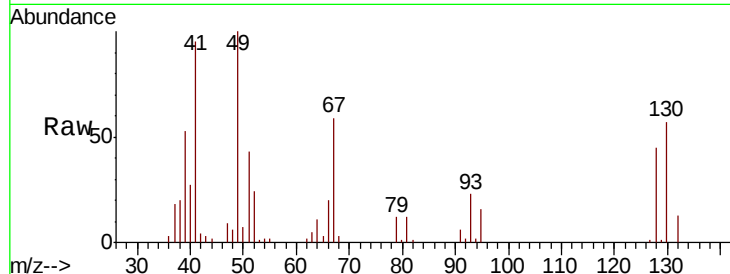




#41
Methacrylonitrile
Concen: 17.152 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

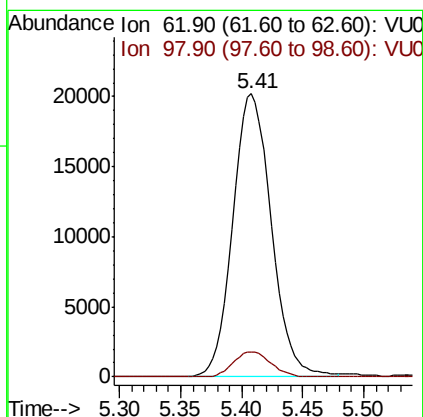
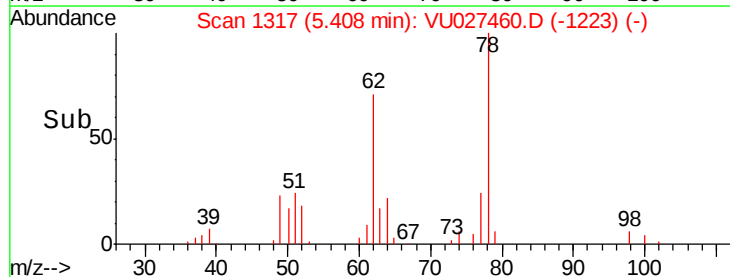
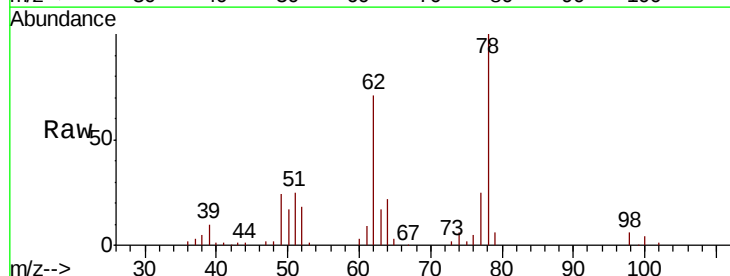
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

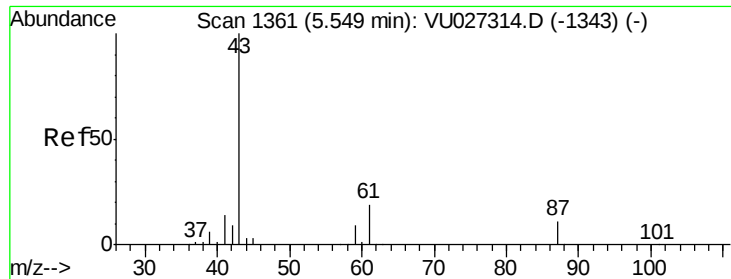
Tgt Ion:	41	Resp:	28874
Ion	Ratio	Lower	Upper
41	100		
39	54.2	41.1	61.7
67	65.3	50.4	75.6
52	28.0	20.3	30.5



#42
1,2-Dichloroethane
Concen: 17.756 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion:	62	Resp:	44245
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8

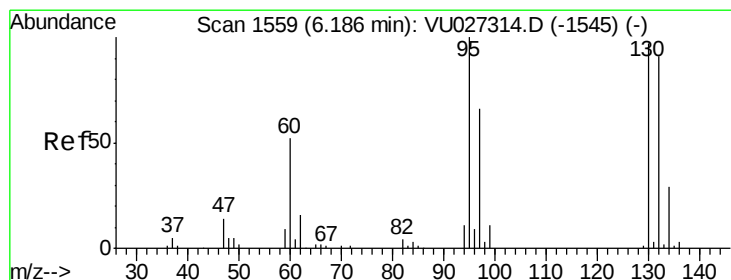
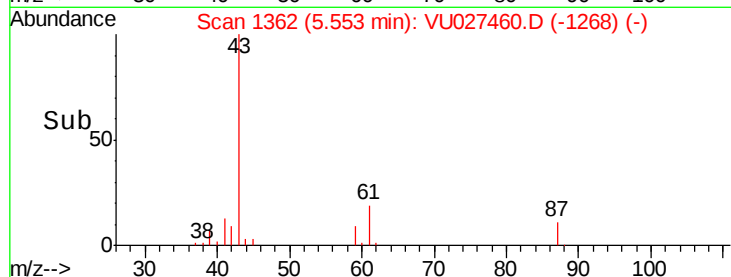
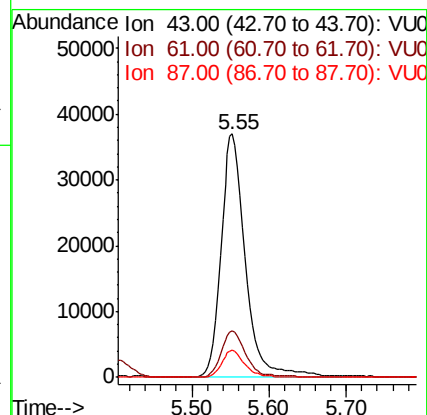
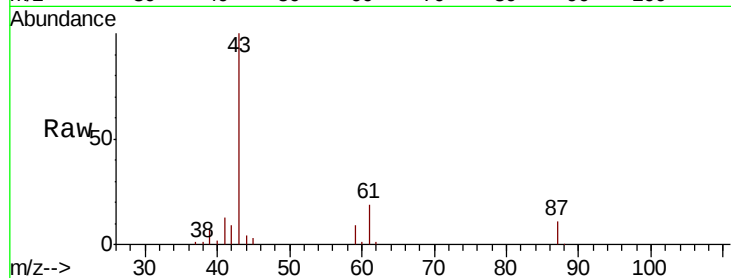




#43
Isopropyl Acetate
Concen: 17.663 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

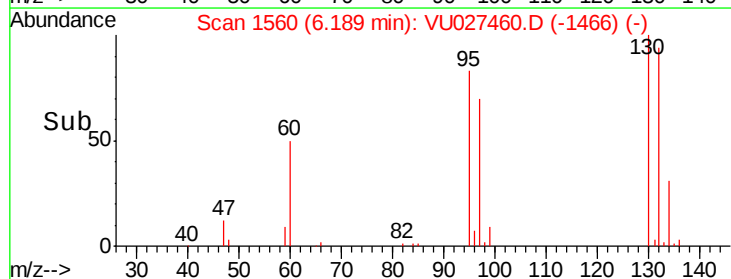
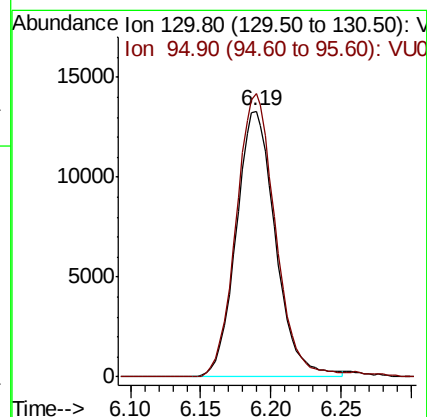
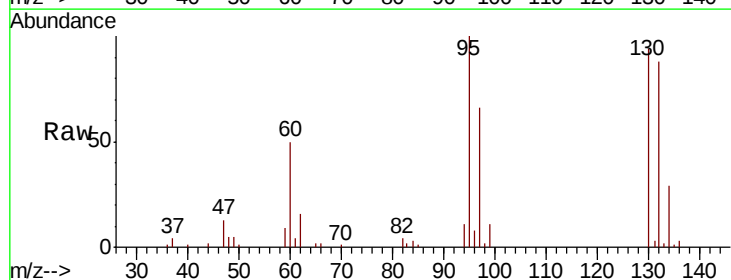
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

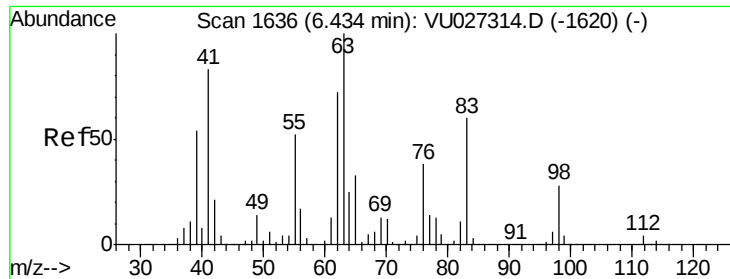
Tgt Ion: 43 Resp: 81706
Ion Ratio Lower Upper
43 100
61 19.6 15.3 22.9
87 10.4 8.6 13.0



#44
Trichloroethene
Concen: 17.331 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 130 Resp: 25942
Ion Ratio Lower Upper
130 100
95 106.5 0.0 207.0





#45

1,2-Dichloropropane

Concen: 17.677 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

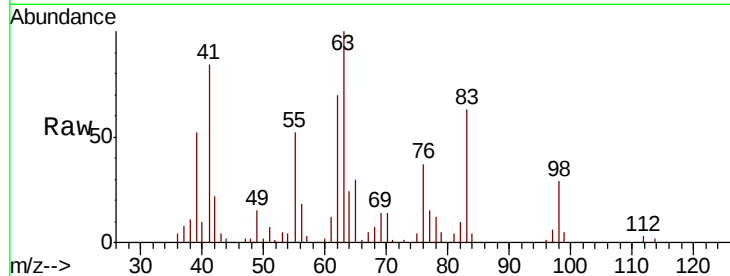
VU1006WBS01

Tgt Ion: 63 Resp: 34227

Ion Ratio Lower Upper

63 100

65 30.4 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VU027314.D (-1620) (-)

Ion 64.90 (64.60 to 65.60): VU027314.D (-1620) (-)

6.43

15000

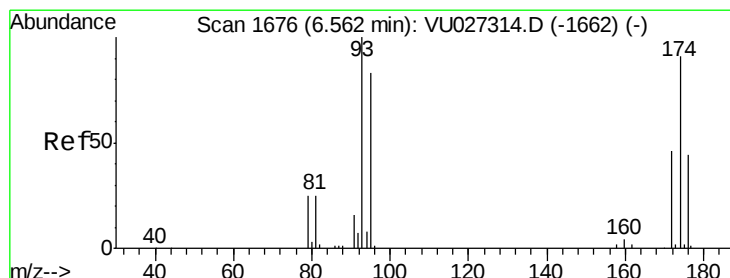
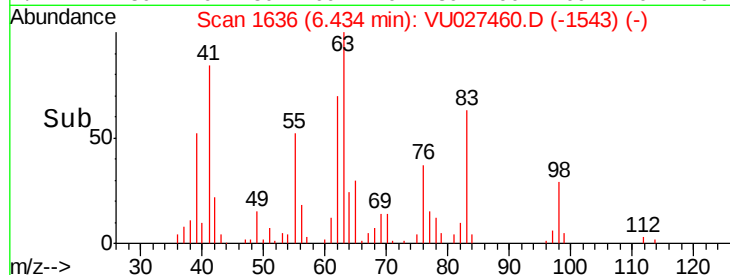
10000

5000

0

6.40 6.50

Time-->



#46

Dibromomethane

Concen: 18.020 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

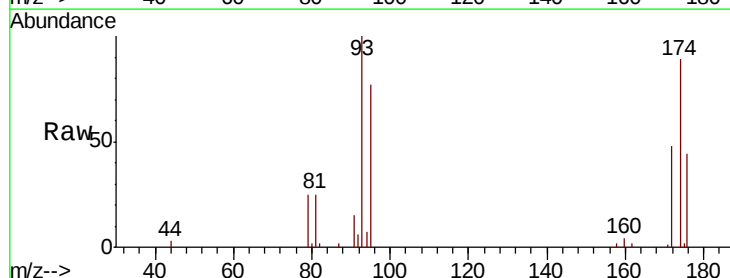
Tgt Ion: 93 Resp: 19706

Ion Ratio Lower Upper

93 100

95 79.2 66.5 99.7

174 91.6 72.5 108.7



Abundance Ion 92.80 (92.50 to 93.50): VU027314.D (-1662) (-)

Ion 94.80 (94.50 to 95.50): VU027314.D (-1662) (-)

Ion 173.70 (173.40 to 174.40): VU027314.D (-1662) (-)

6.56

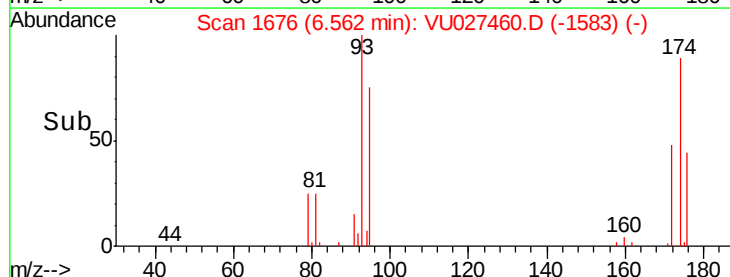
10000

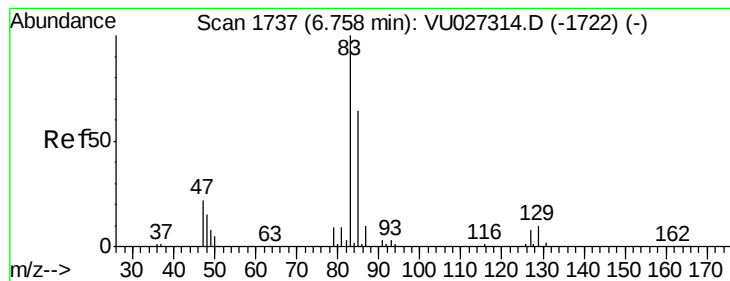
5000

0

6.50 6.55 6.60 6.65

Time-->





#47

Bromodichloromethane

Concen: 17.407 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

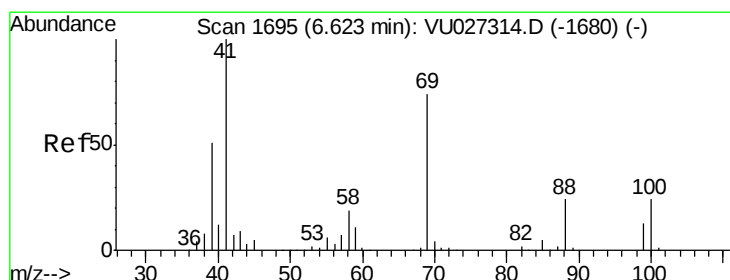
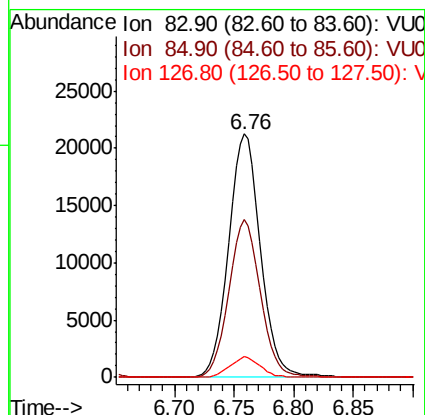
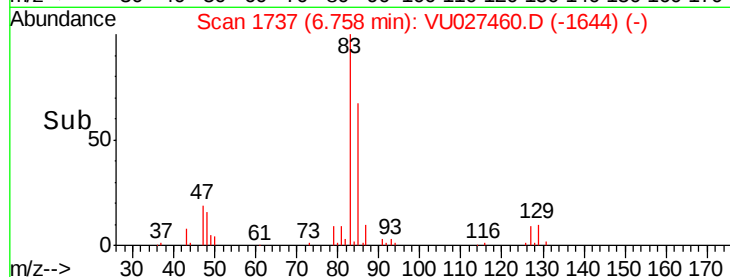
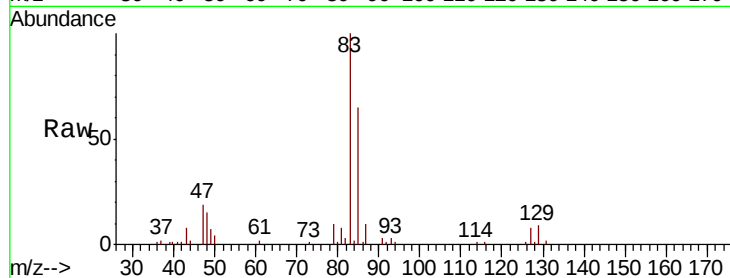
Tgt Ion: 83 Resp: 39499

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.0

127 8.4 6.3 9.5



#48

Methyl methacrylate

Concen: 17.408 ug/l

RT: 6.63 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

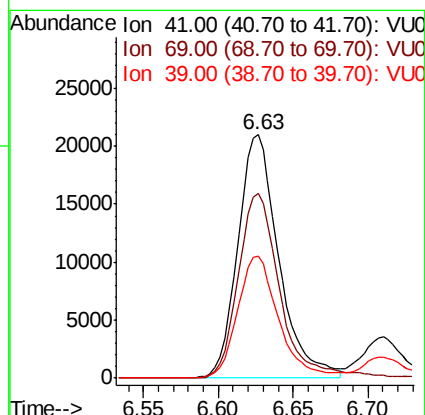
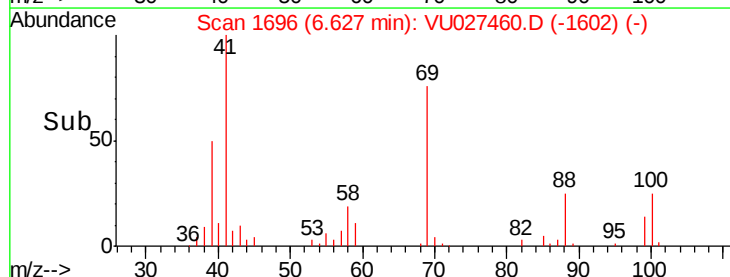
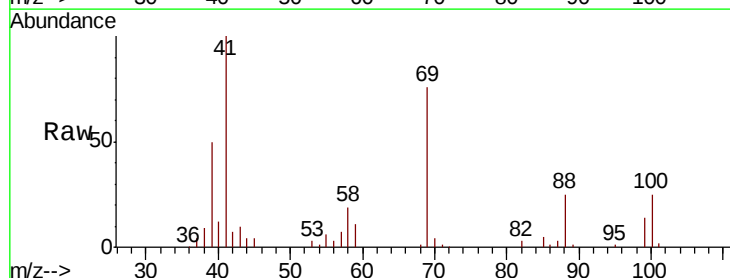
Tgt Ion: 41 Resp: 40046

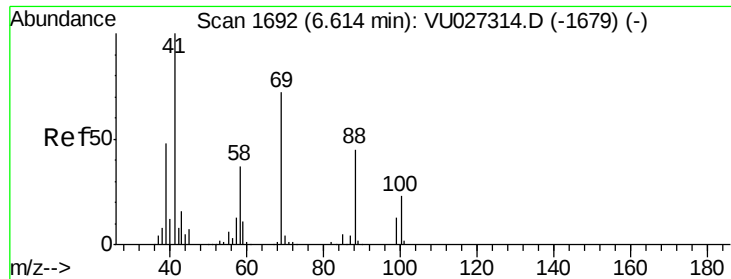
Ion Ratio Lower Upper

41 100

69 77.4 61.0 91.4

39 49.4 39.9 59.9

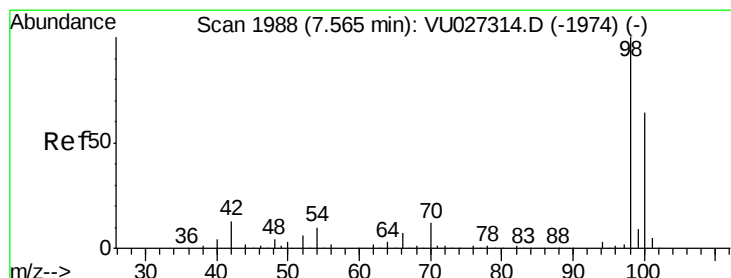
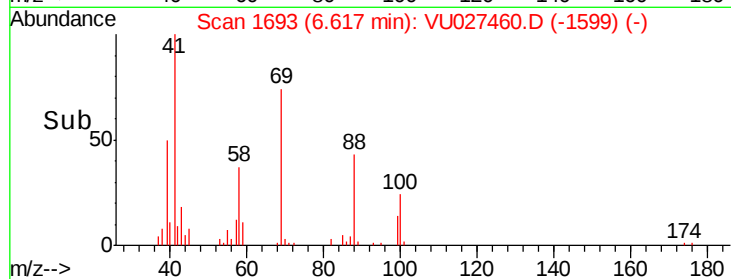
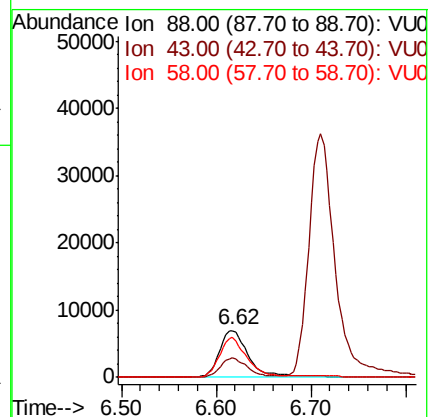
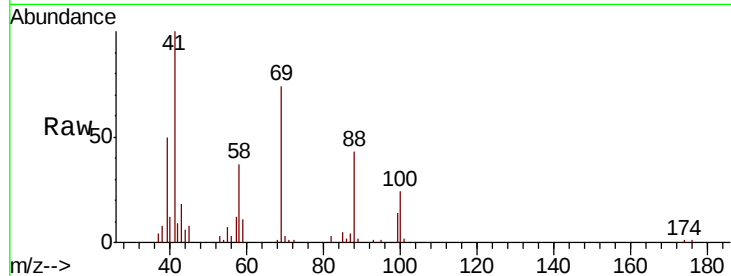




#49
1,4-Dioxane
Concen: 380.750 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

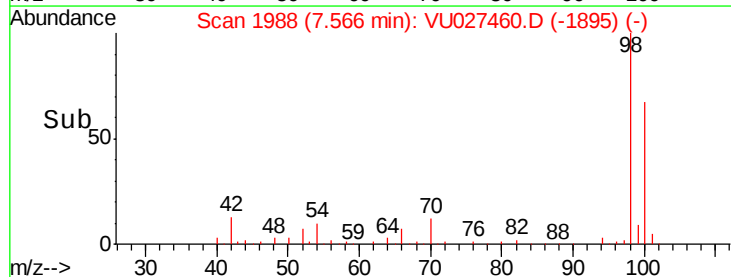
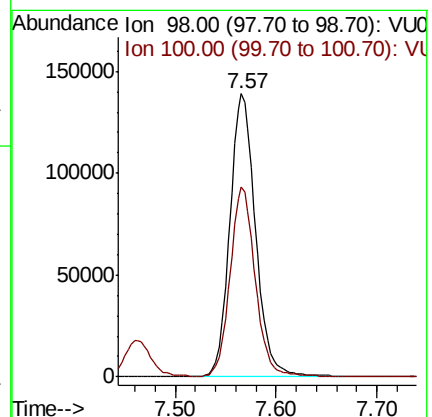
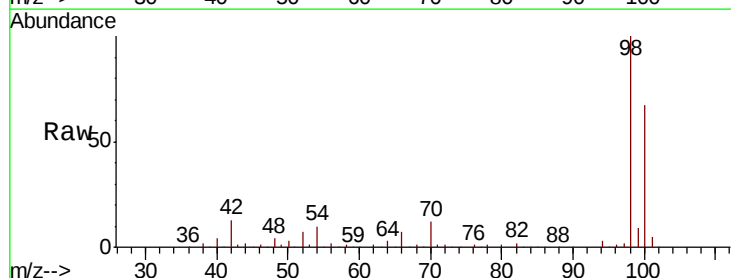
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

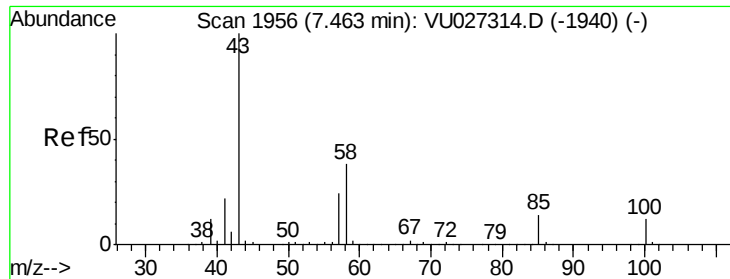
Tgt Ion: 88 Resp: 15070
Ion Ratio Lower Upper
88 100
43 37.6 30.8 46.2
58 78.6 67.0 100.6



#50
Toluene-d8
Concen: 45.509 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 98 Resp: 247762
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 88.010 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

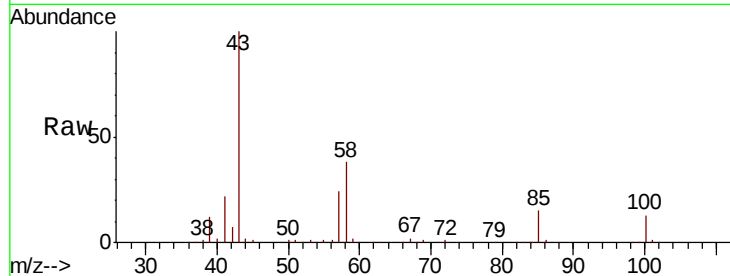
VU1006WBS01

Tgt Ion: 43 Resp: 264552

Ion Ratio Lower Upper

43 100

58 37.6 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-1940) (-)

7.46

150000

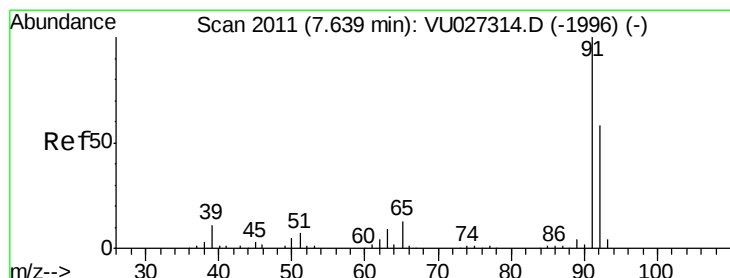
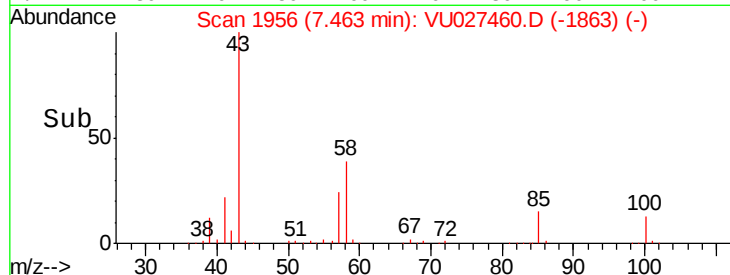
100000

50000

0

7.40 7.50

Time-->



#52

Toluene

Concen: 17.434 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027460.D

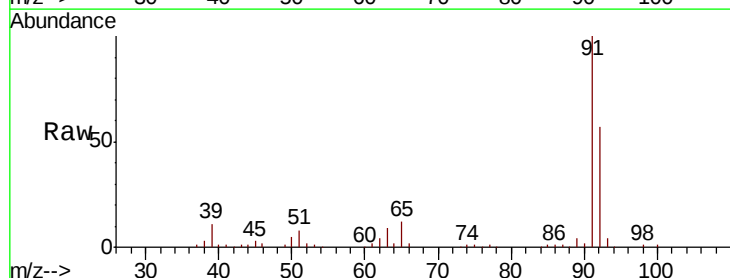
Acq: 05 Oct 2018 18:00

Tgt Ion: 92 Resp: 69270

Ion Ratio Lower Upper

92 100

91 172.1 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027314.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027314.D (-1996) (-)

7.64

80000

60000

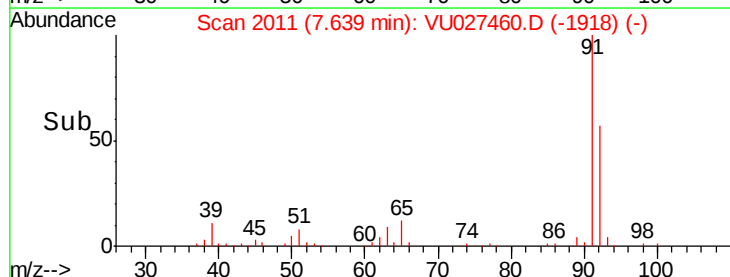
40000

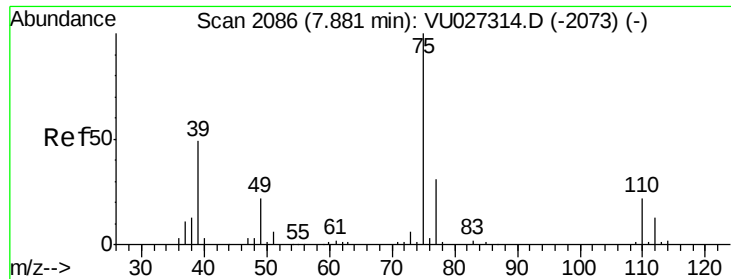
20000

0

7.60 7.70 7.80

Time-->

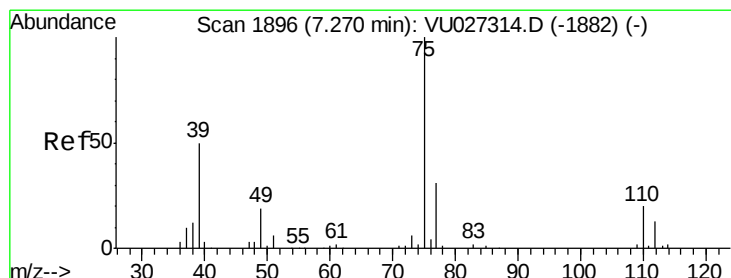
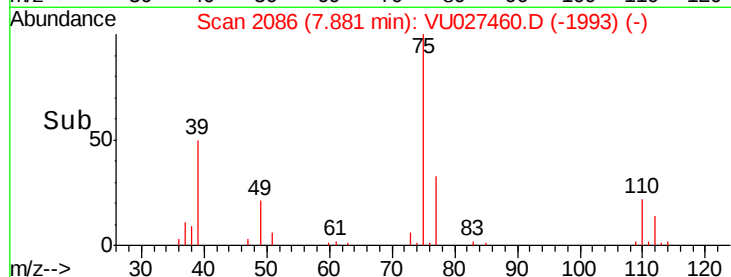
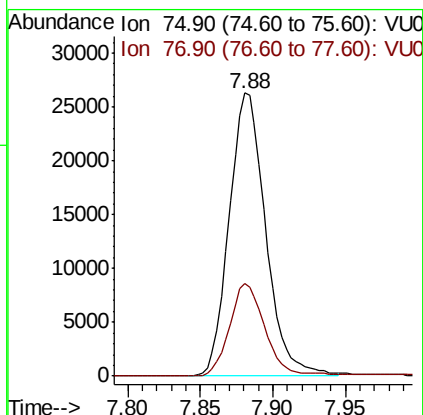
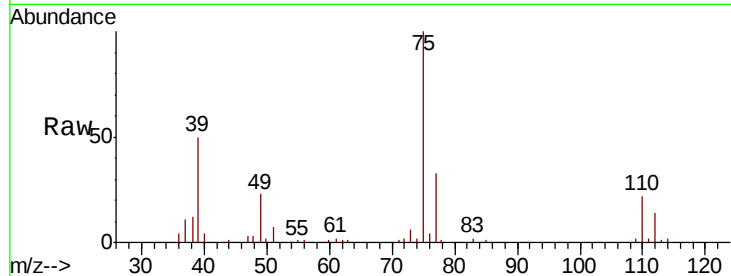




#53
t-1,3-Dichloropropene
Concen: 17.260 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

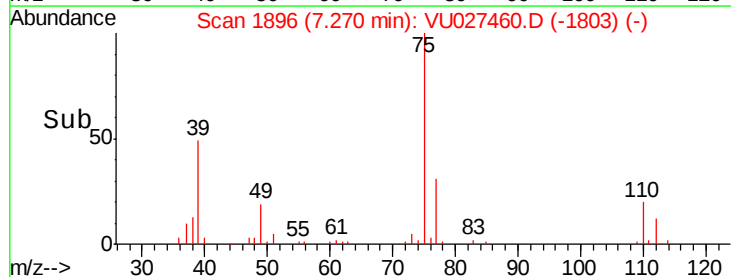
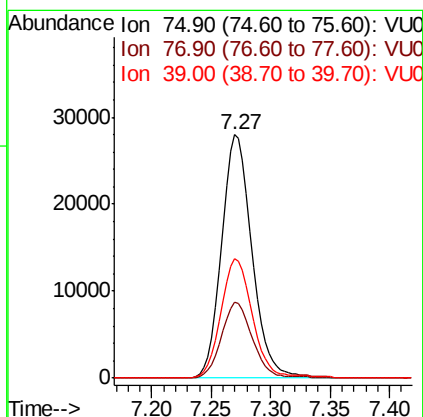
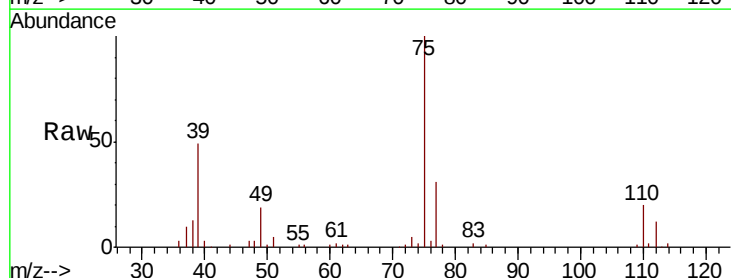
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

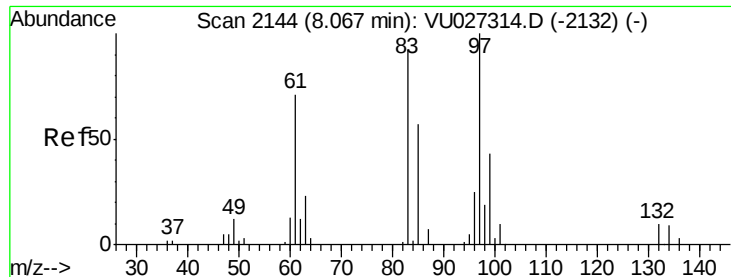
Tgt Ion: 75 Resp: 45921
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 17.359 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 75 Resp: 49650
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7
39 49.0 40.1 60.1

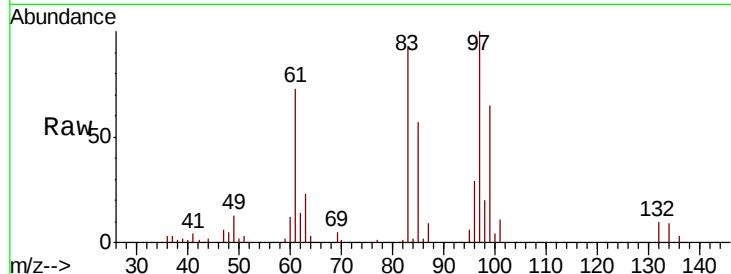




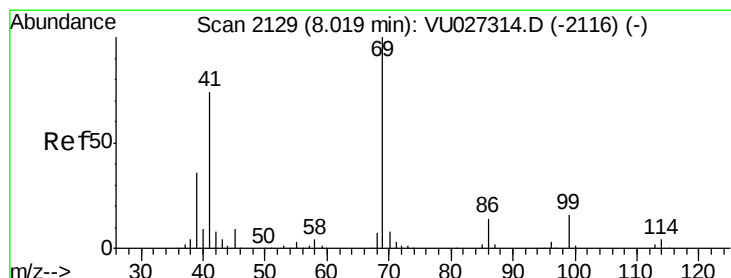
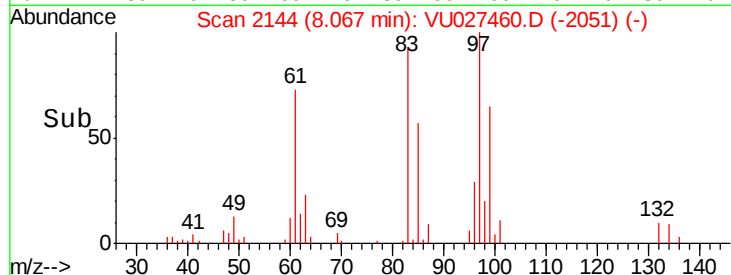
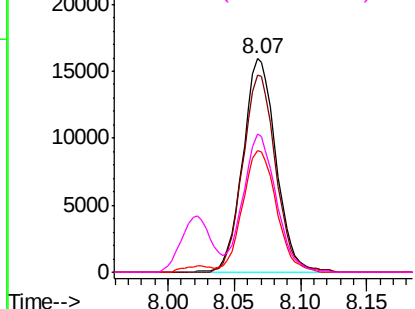
#55
 1,1,2-Trichloroethane
 Concen: 17.659 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tgt Ion: 97 Resp: 27819
 Ion Ratio Lower Upper
 97 100
 83 92.3 73.0 109.6
 85 57.1 47.3 70.9
 99 64.8 49.7 74.5

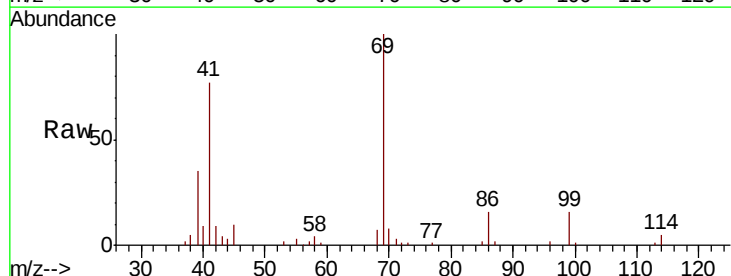


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

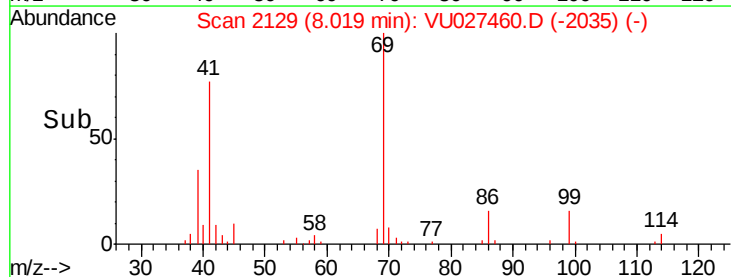
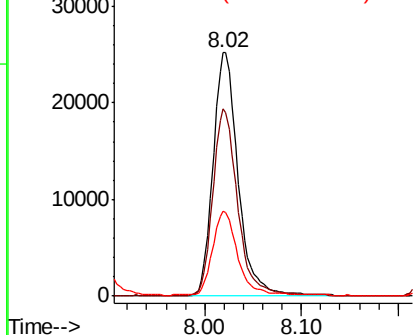


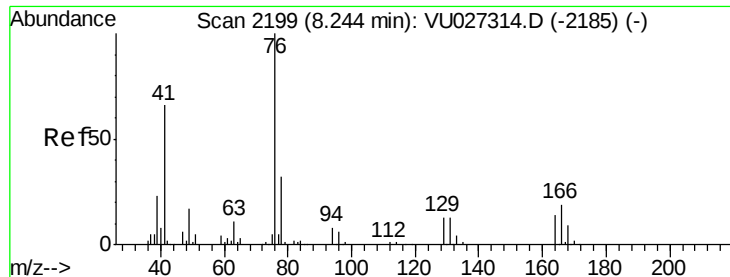
#56
 Ethyl methacrylate
 Concen: 16.659 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion: 69 Resp: 45470
 Ion Ratio Lower Upper
 69 100
 41 76.7 60.0 90.0
 39 33.4 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

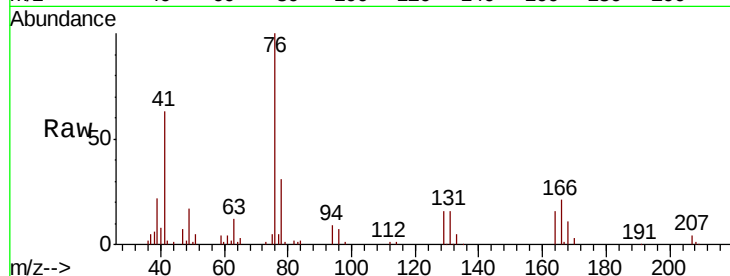




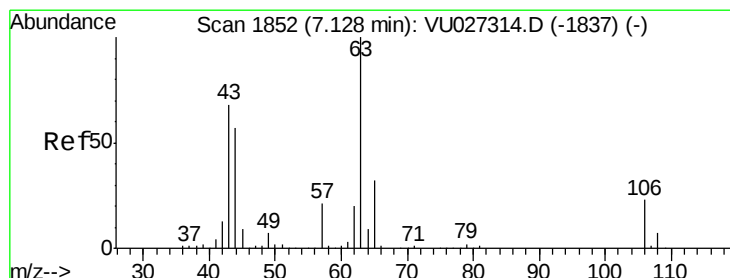
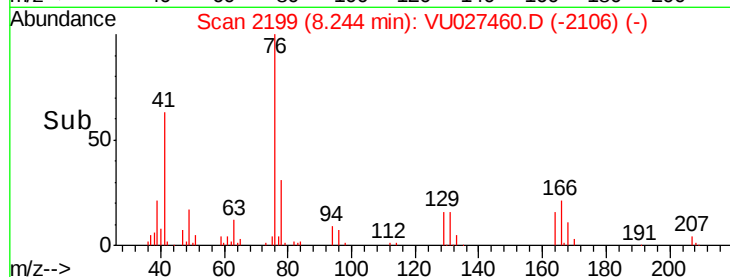
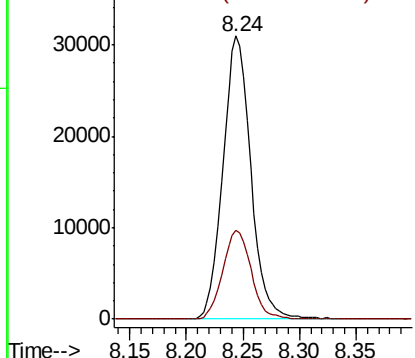
#57
 1,3-Dichloropropane
 Concen: 17.367 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tgt Ion: 76 Resp: 53114
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6

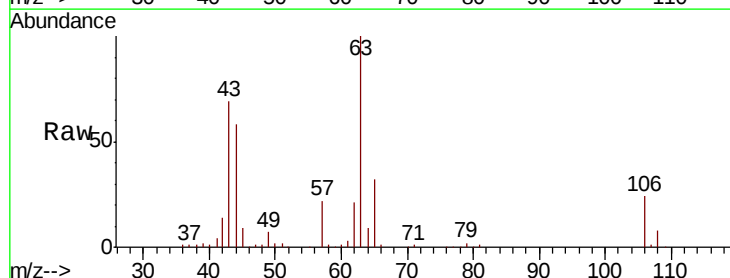


Abundance Ion 75.90 (75.60 to 76.60): VU0
 Ion 77.90 (77.60 to 78.60): VU0

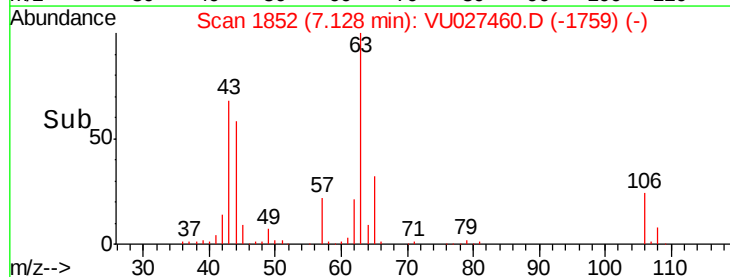
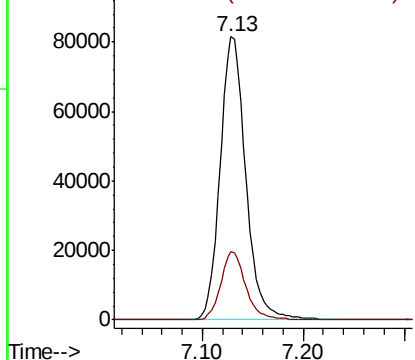


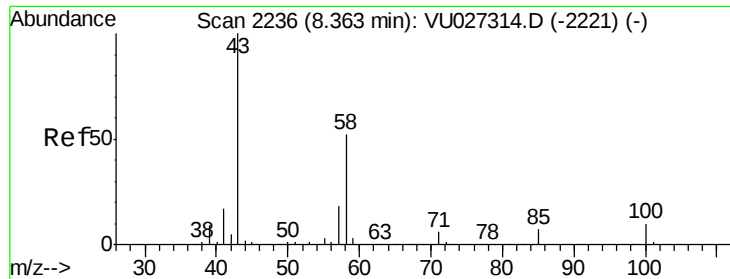
#58
 2-Chloroethyl Vinyl ether
 Concen: 92.862 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion: 63 Resp: 144986
 Ion Ratio Lower Upper
 63 100
 106 23.6 18.5 27.7



Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 105.90 (105.60 to 106.60): V

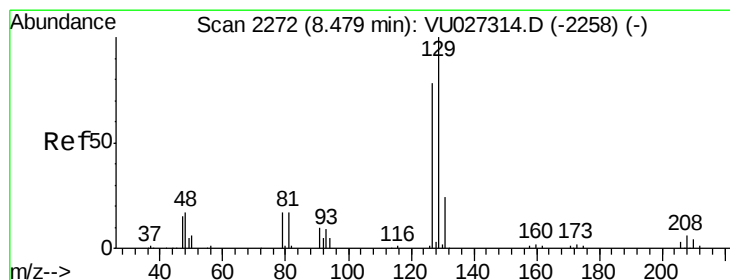
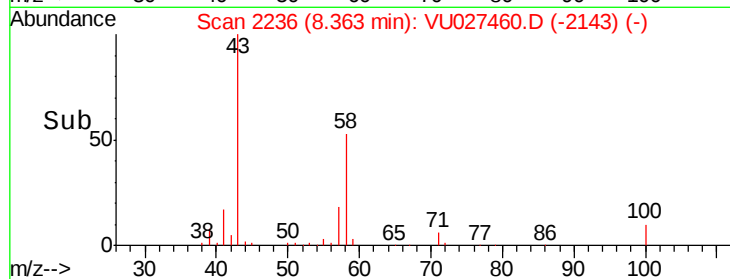
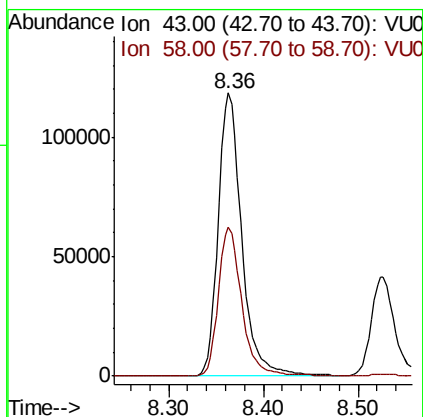
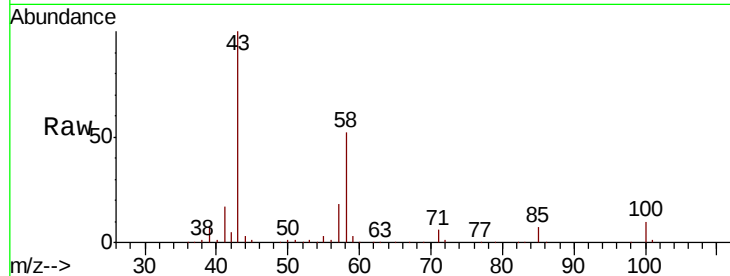




#59
2-Hexanone
Concen: 87.980 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

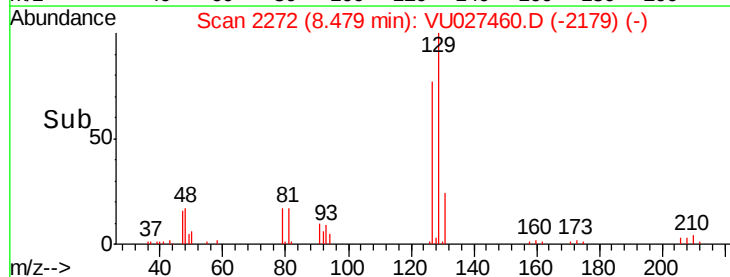
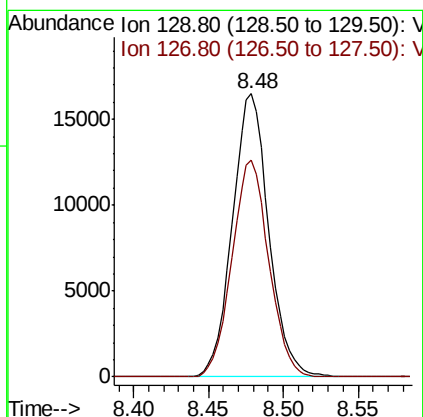
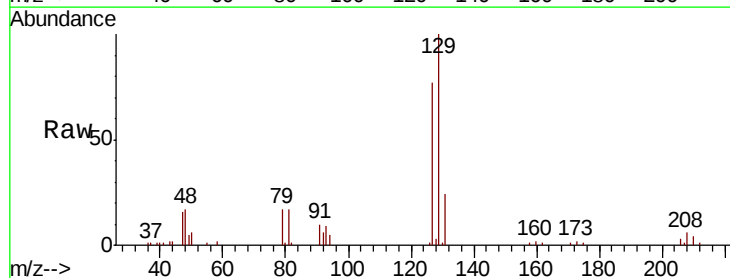
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

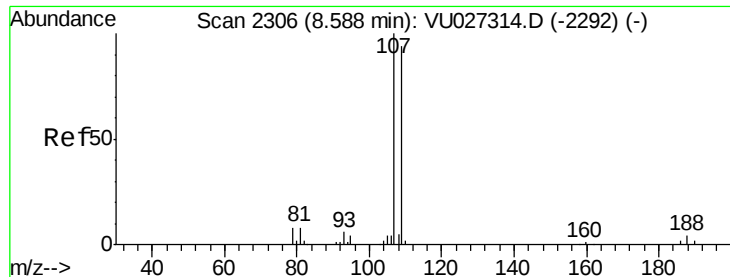
Tgt Ion: 43 Resp: 205149
Ion Ratio Lower Upper
43 100
58 52.1 26.1 78.3



#60
Dibromochloromethane
Concen: 17.674 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 129 Resp: 27925
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.349 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

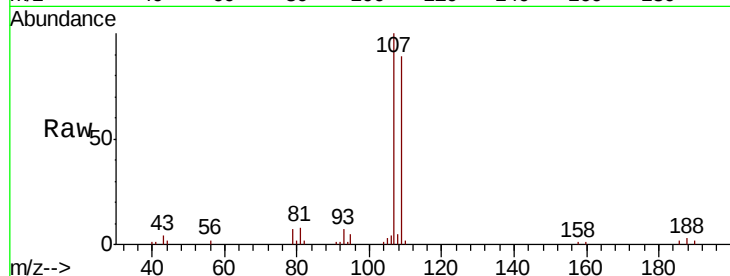
VU1006WBS01

Tgt Ion: 107 Resp: 29059

Ion Ratio Lower Upper

107 100

109 92.9 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

20000

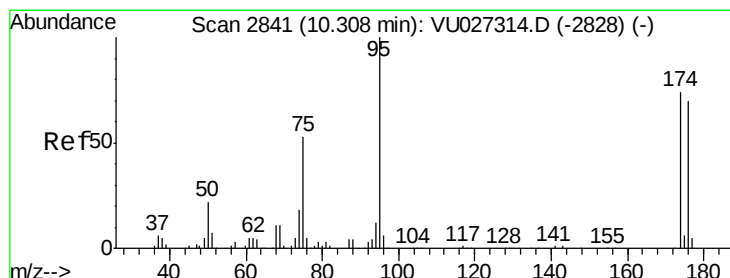
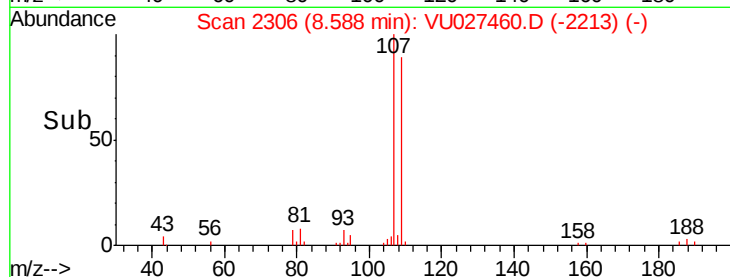
15000

10000

5000

0

Time--> 8.50 8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 45.444 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

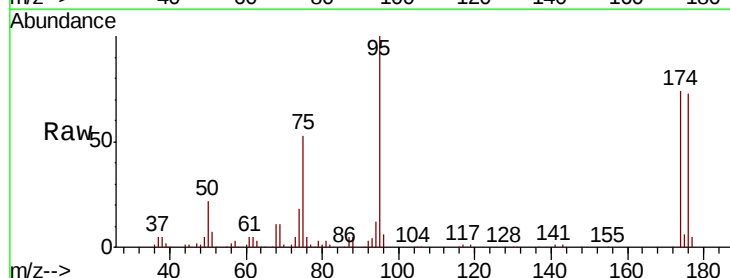
Tgt Ion: 95 Resp: 91946

Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.8

176 73.1 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

80000

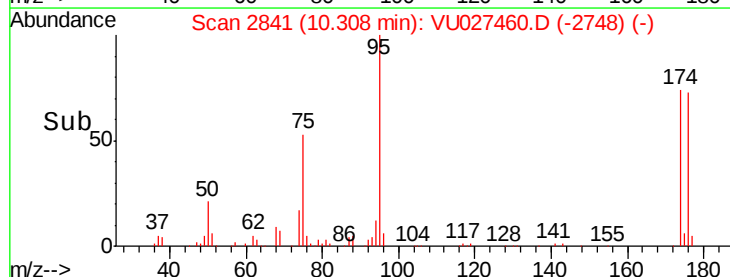
60000

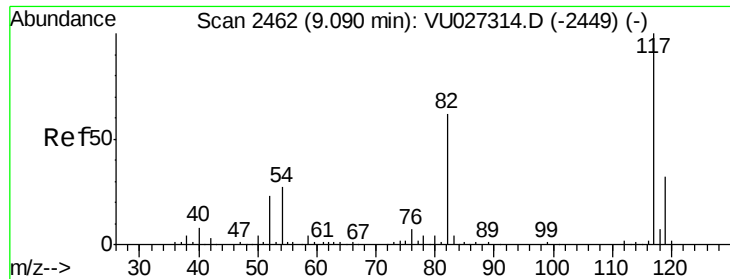
40000

20000

0

Time--> 10.25 10.30 10.35 10.40

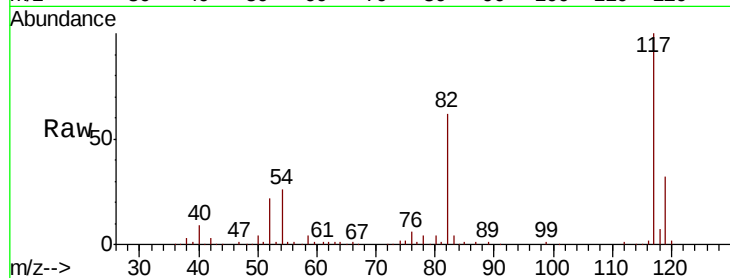




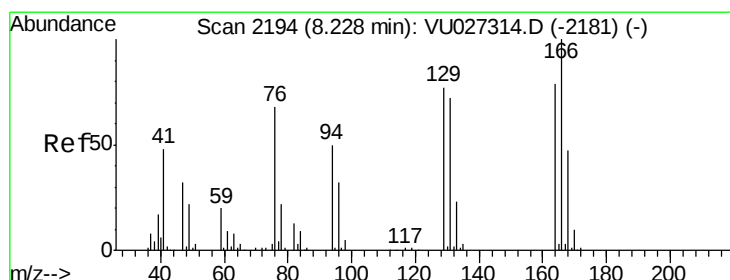
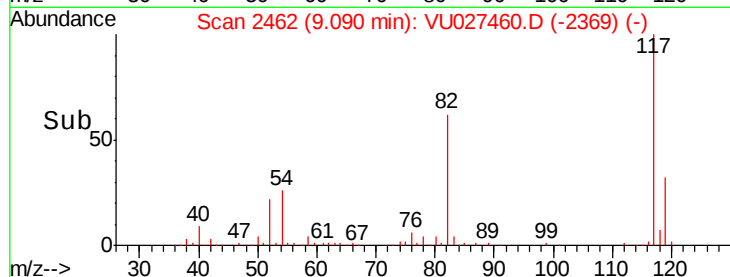
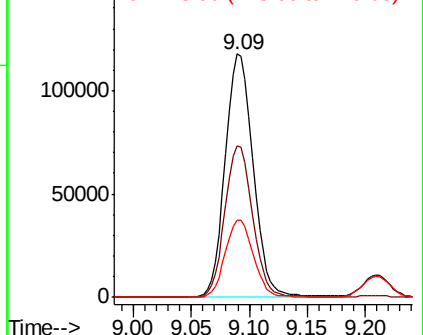
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tgt Ion:117 Resp: 197155
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 31.8 25.7 38.5



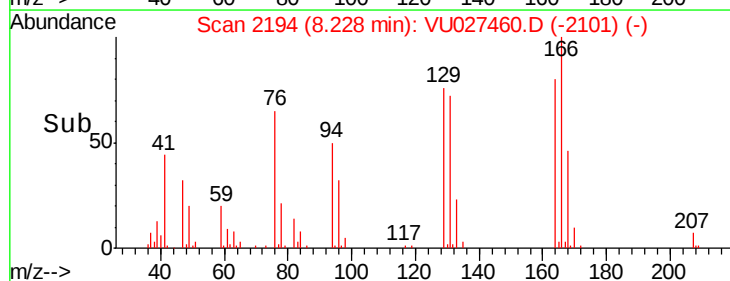
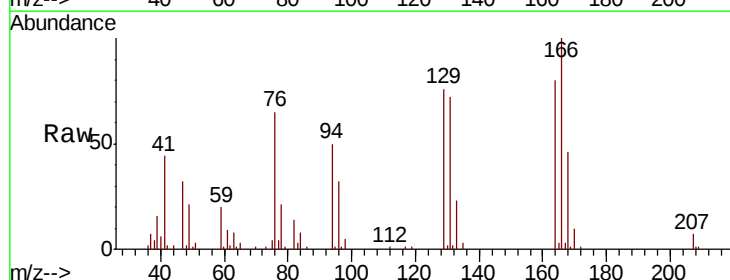
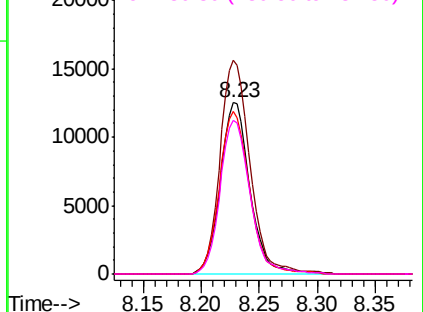
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

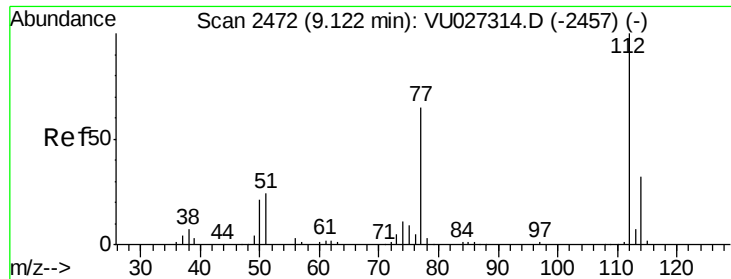


#64
Tetrachloroethene
Concen: 18.086 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion:164 Resp: 22197
Ion Ratio Lower Upper
164 100
166 124.7 101.0 151.6
129 94.7 78.0 117.0
131 90.1 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

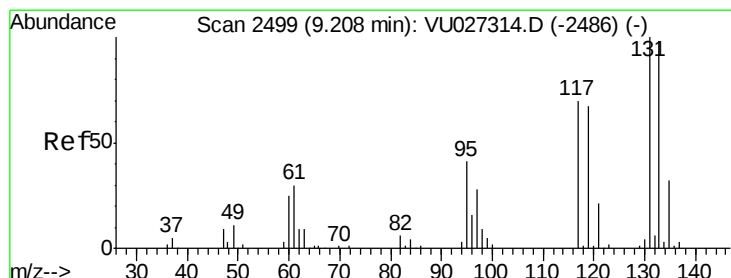
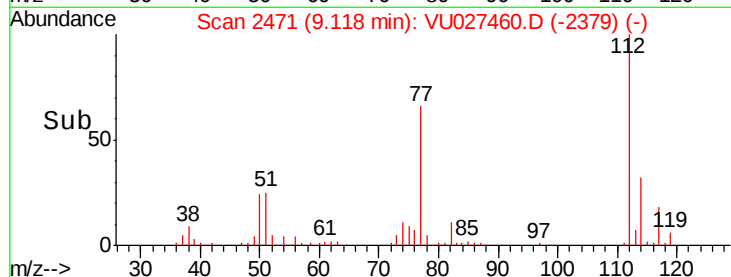
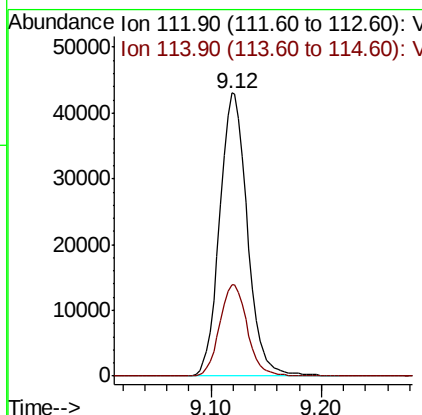
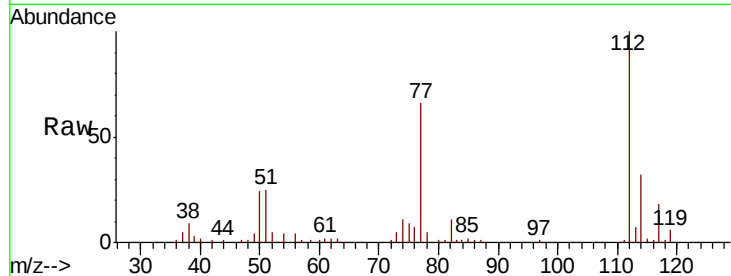




#65
Chlorobenzene
Concen: 18.089 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

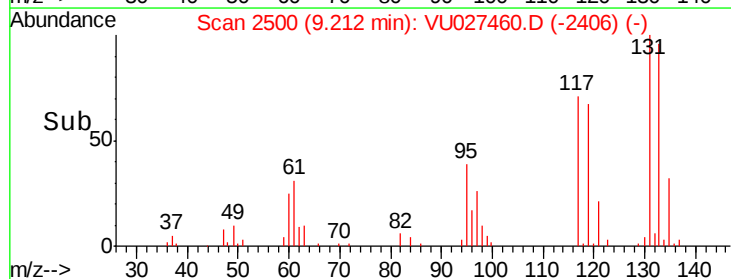
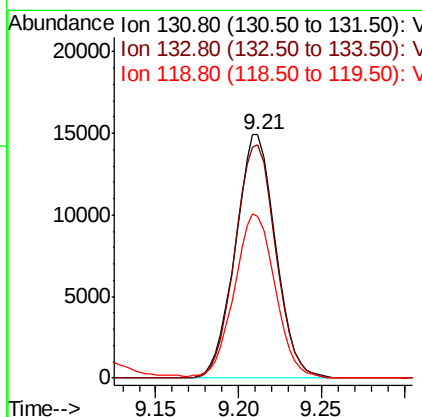
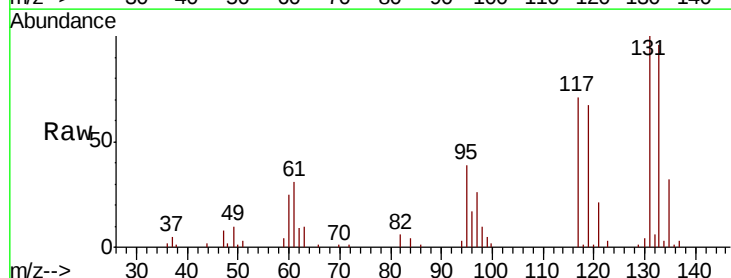
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

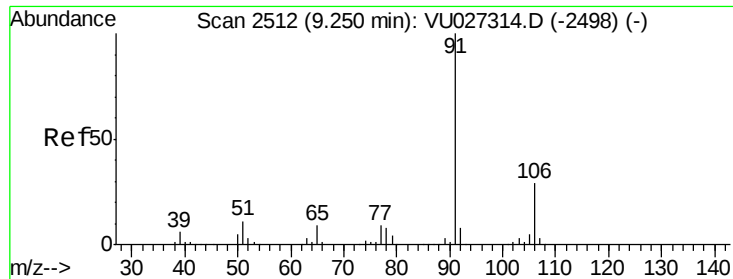
Tgt Ion:112 Resp: 75067
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 17.634 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion:131 Resp: 25263
Ion Ratio Lower Upper
131 100
133 96.8 48.5 145.6
119 68.3 33.5 100.4

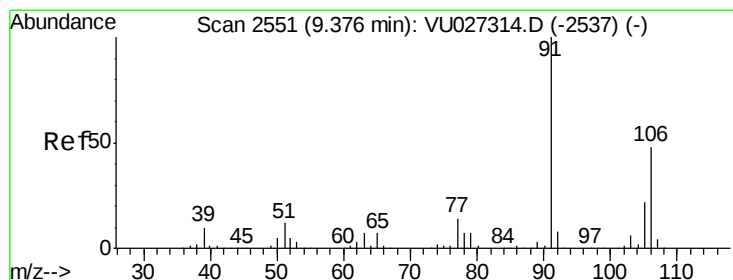
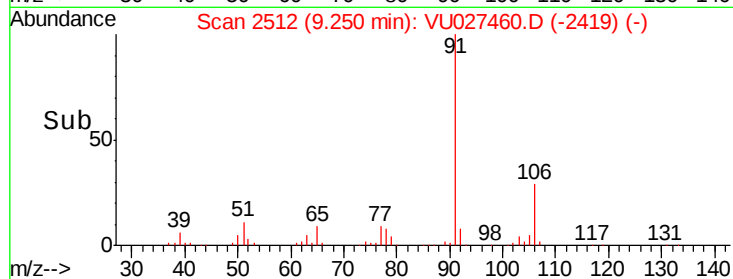
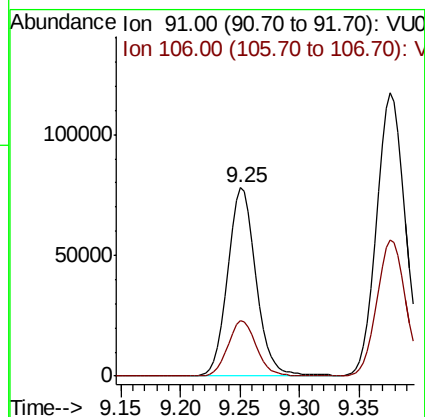
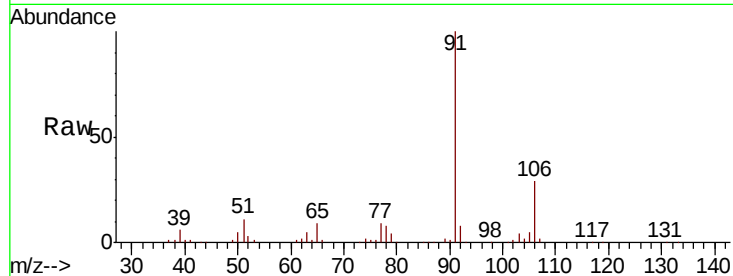




#67
Ethyl Benzene
Concen: 17.581 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

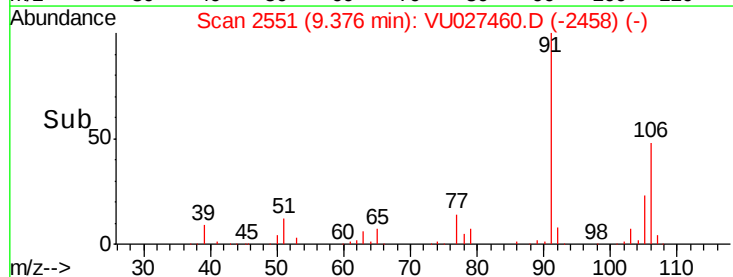
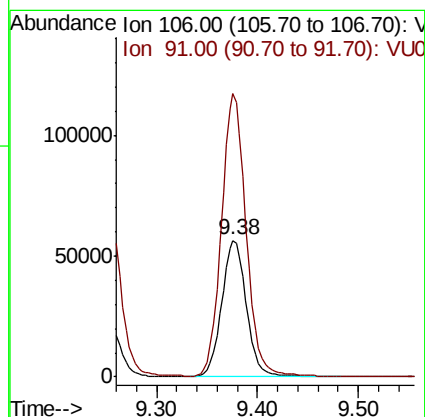
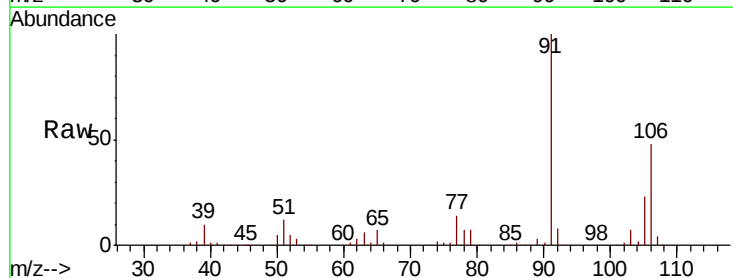
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

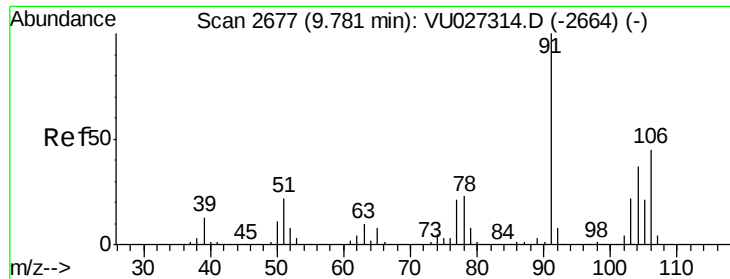
Tgt Ion: 91 Resp: 129263
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 35.950 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 106 Resp: 96685
Ion Ratio Lower Upper
106 100
91 207.8 168.1 252.1

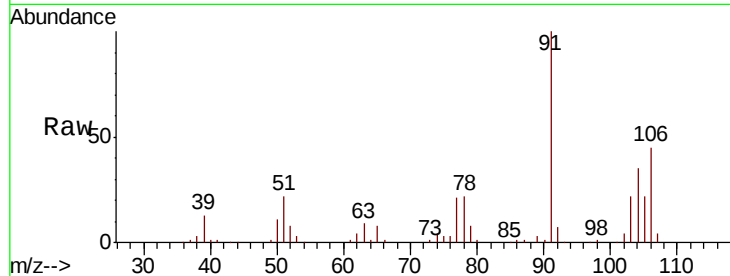




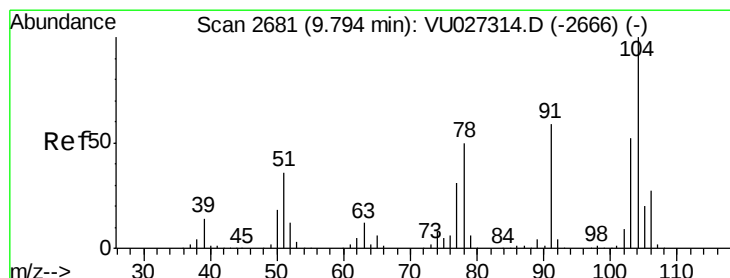
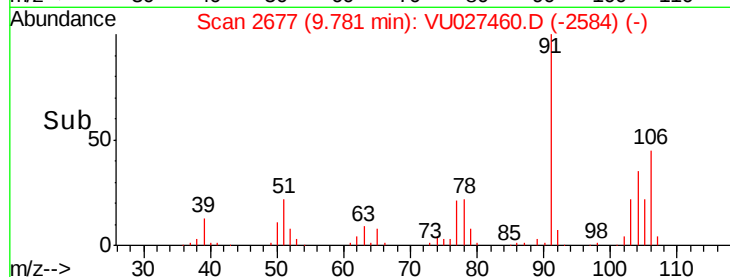
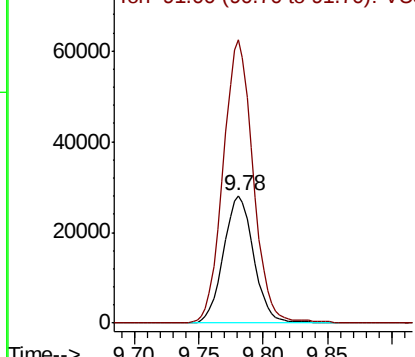
#69
o-Xylene
Concen: 17.915 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tgt Ion:106 Resp: 45787
Ion Ratio Lower Upper
106 100
91 220.4 111.7 334.9

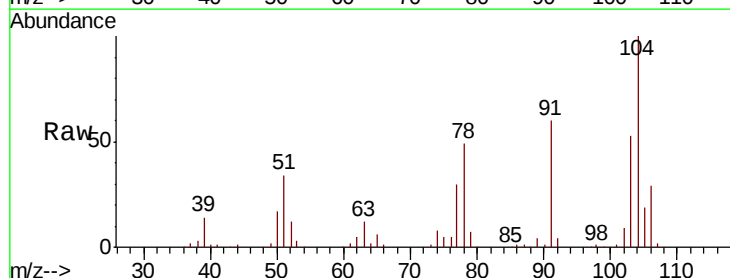


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

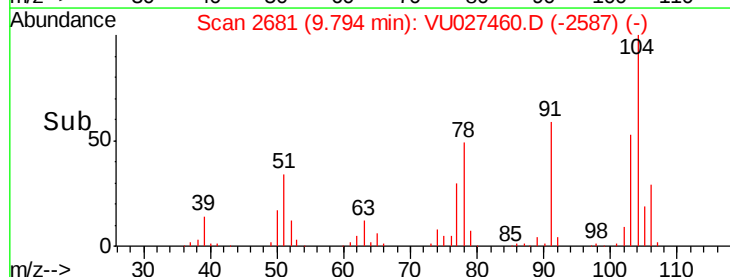
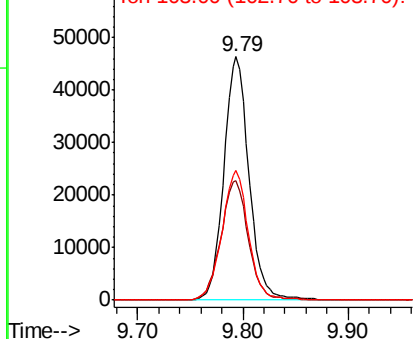


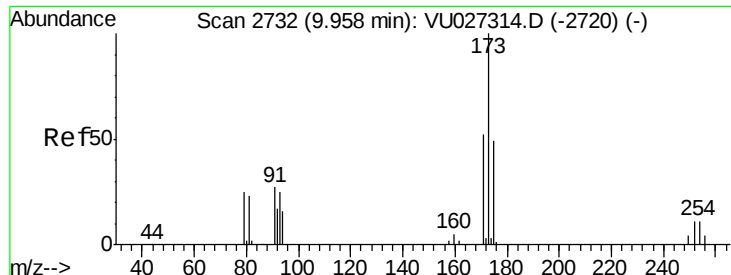
#70
Styrene
Concen: 17.549 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion:104 Resp: 76369
Ion Ratio Lower Upper
104 100
78 53.8 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: 17.214 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

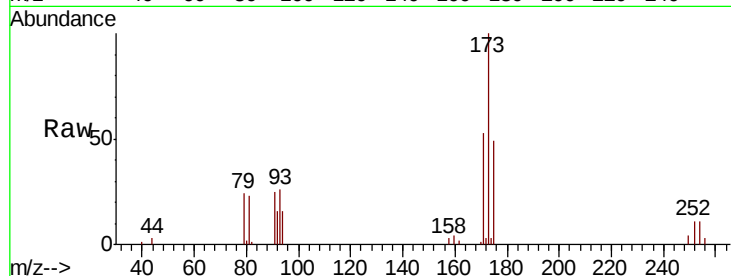
Tgt Ion:173 Resp: 19841

Ion Ratio Lower Upper

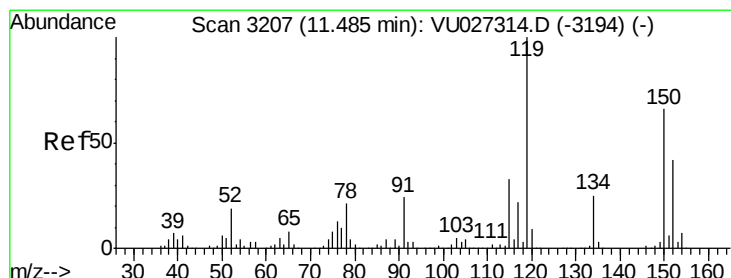
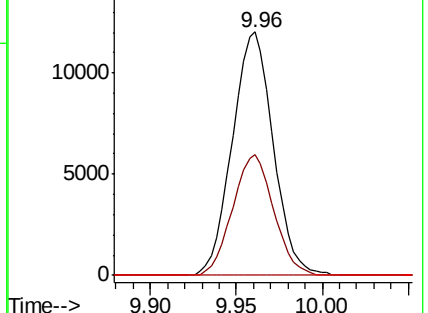
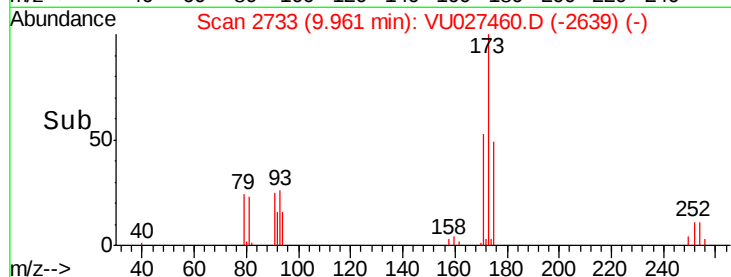
173 100

175 49.5 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: VU027460.D

Acq: 05 Oct 2018 18:00

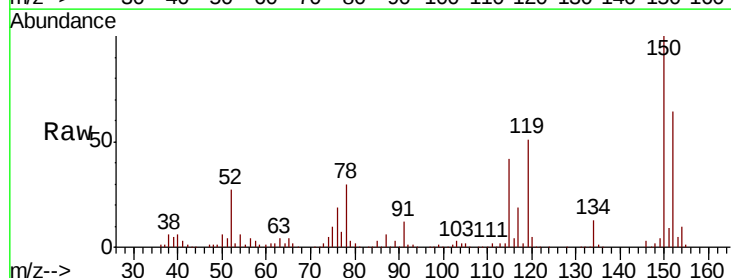
Tgt Ion:152 Resp: 100726

Ion Ratio Lower Upper

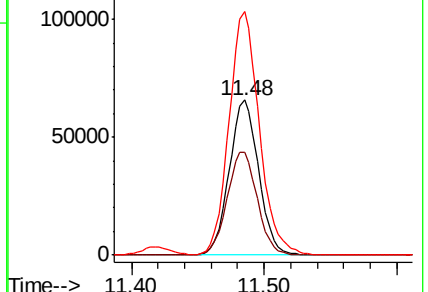
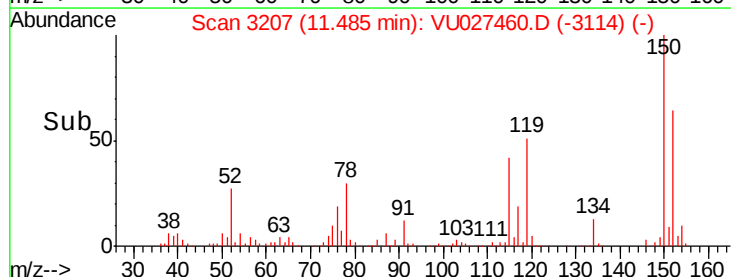
152 100

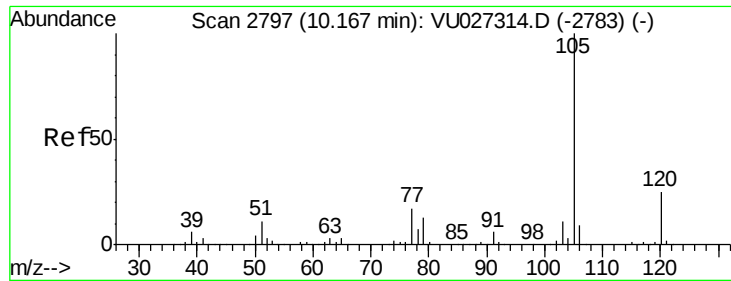
115 68.5 43.4 130.2

150 162.9 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: 17.012 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

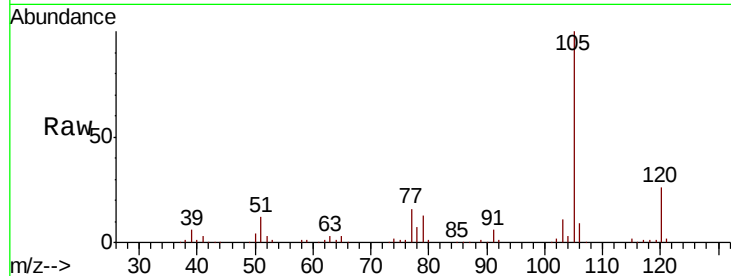
VU1006WBS01

Tgt Ion: 105 Resp: 124451

Ion Ratio Lower Upper

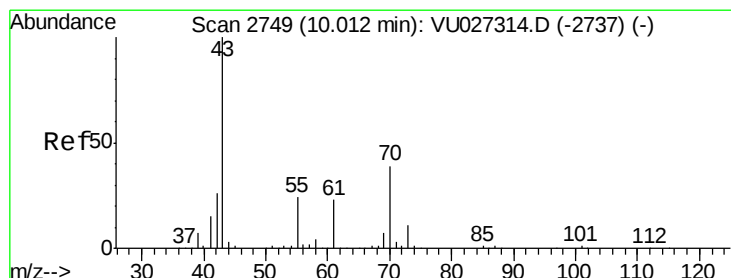
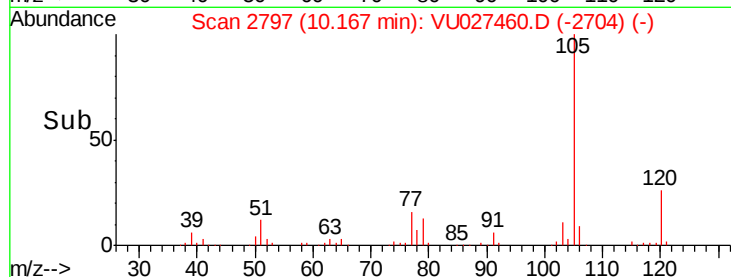
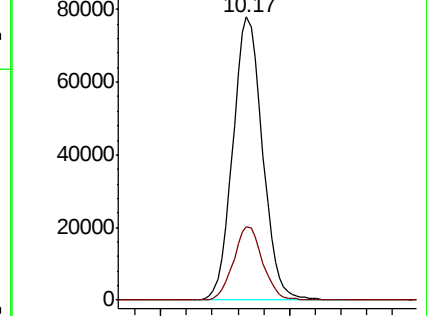
105 100

120 25.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.285 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Tgt Ion: 43 Resp: 68204

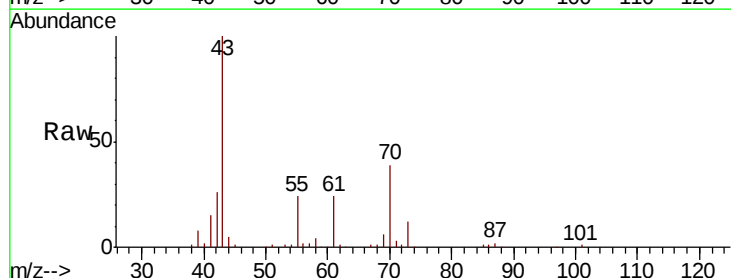
Ion Ratio Lower Upper

43 100

70 38.7 31.3 46.9

55 24.3 19.0 28.6

61 23.1 18.5 27.7

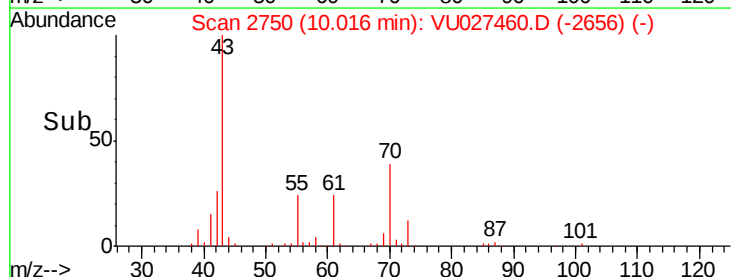
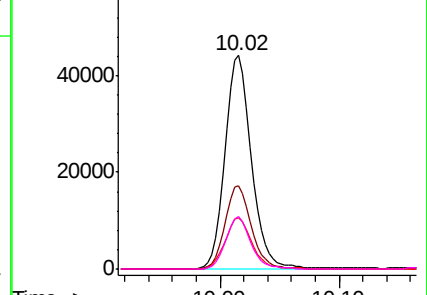


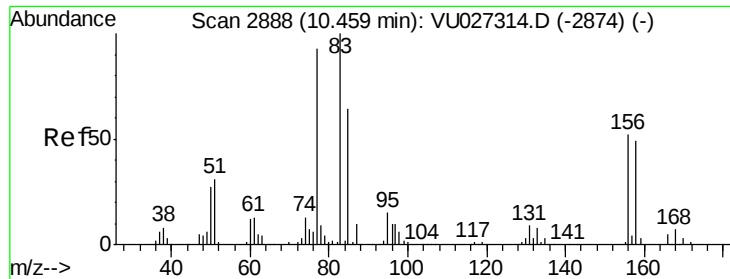
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.919 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

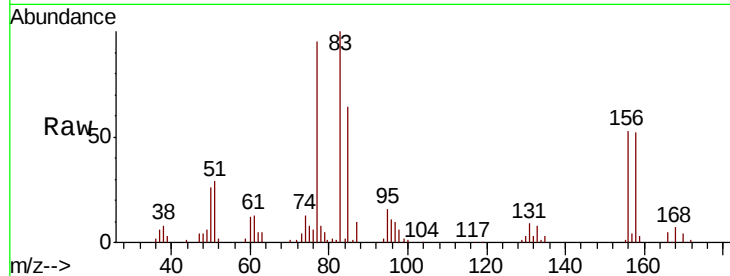
Tgt Ion: 83 Resp: 48601

Ion Ratio Lower Upper

83 100

131 8.9 4.4 13.2

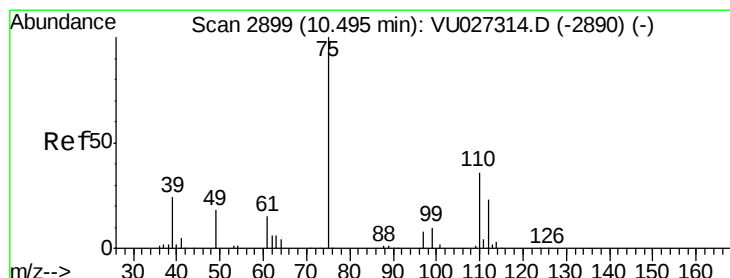
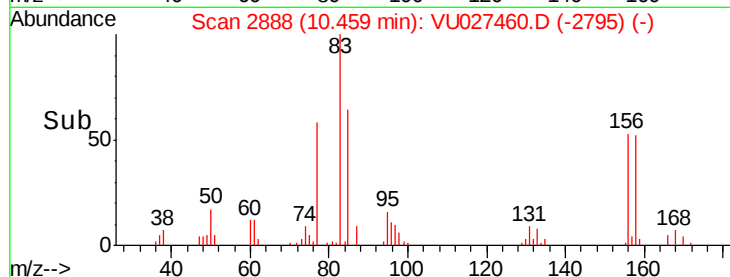
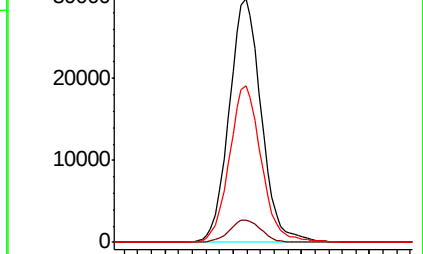
85 63.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU027460.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027460.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027460.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 22.345 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027460.D

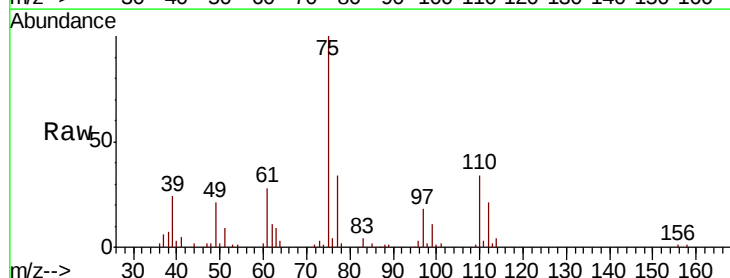
Acq: 05 Oct 2018 18:00

Tgt Ion: 75 Resp: 58344

Ion Ratio Lower Upper

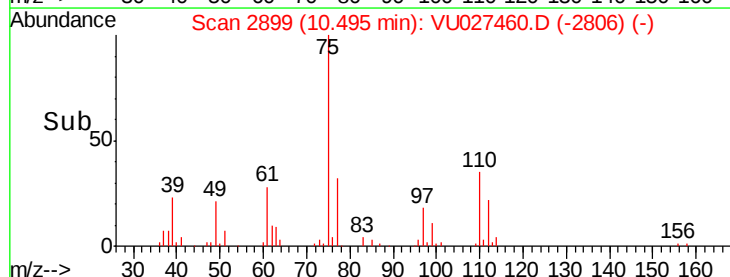
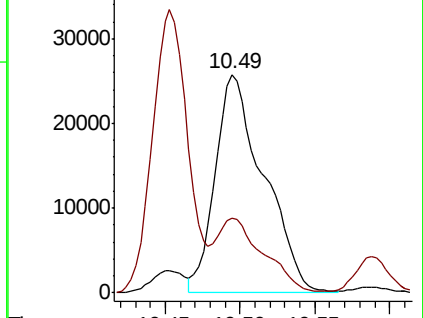
75 100

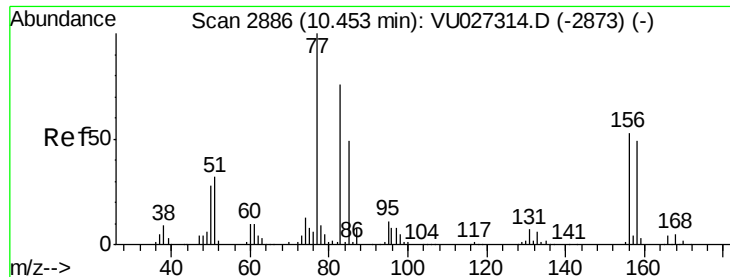
77 31.3 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU027460.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027460.D (-2890) (-)





#77

Bromobenzene

Concen: 17.399 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

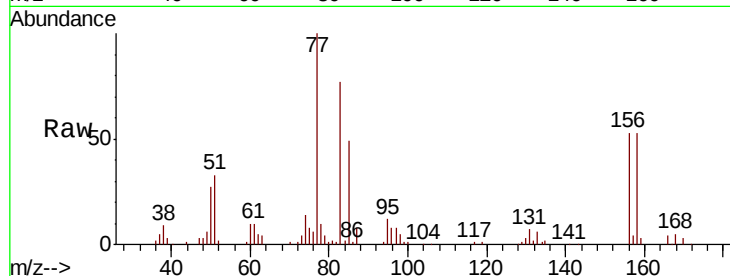
Tgt Ion:156 Resp: 29582

Ion Ratio Lower Upper

156 100

77 185.7 94.8 284.4

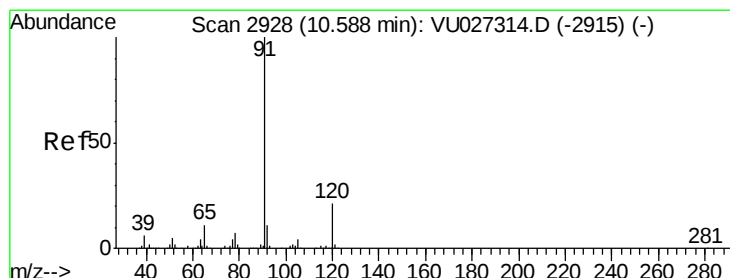
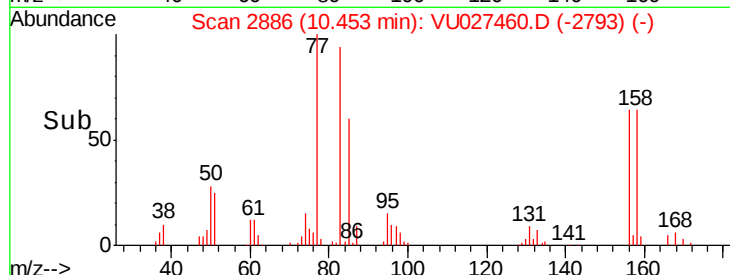
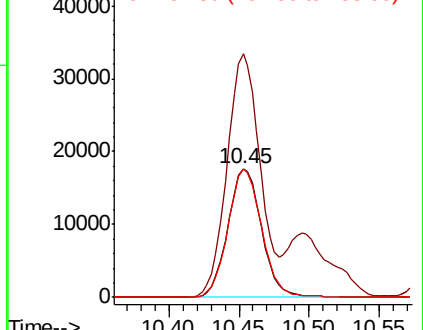
158 99.4 47.4 142.3



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: 17.513 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027460.D

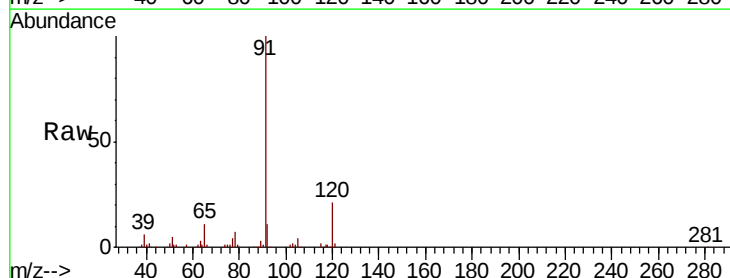
Acq: 05 Oct 2018 18:00

Tgt Ion: 91 Resp: 153953

Ion Ratio Lower Upper

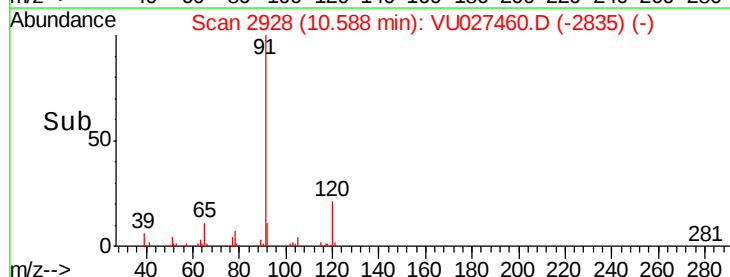
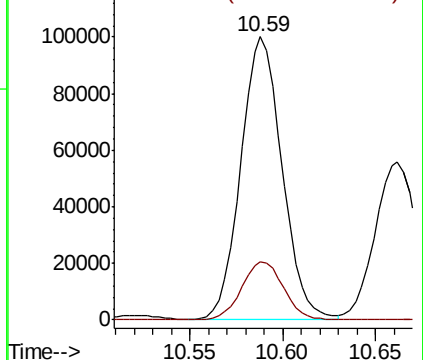
91 100

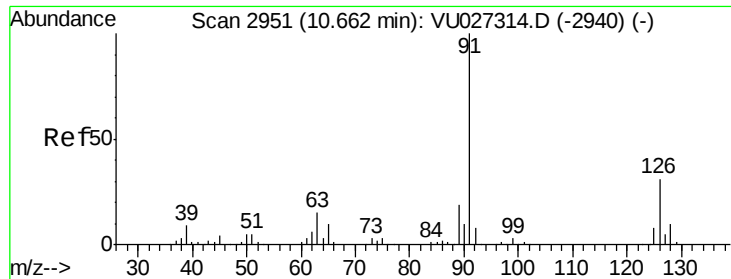
120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

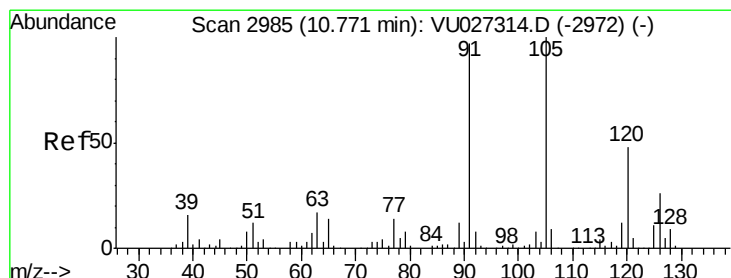
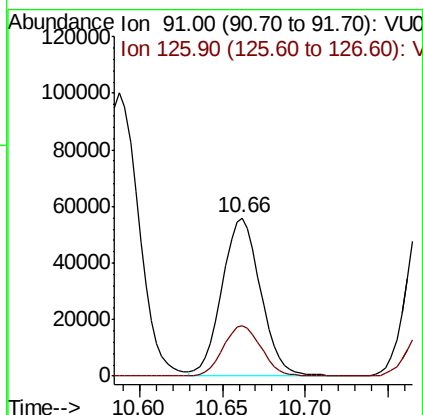
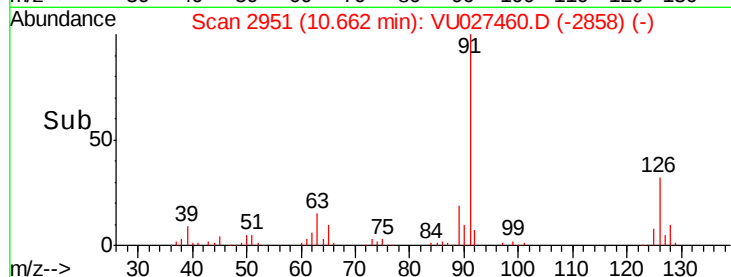
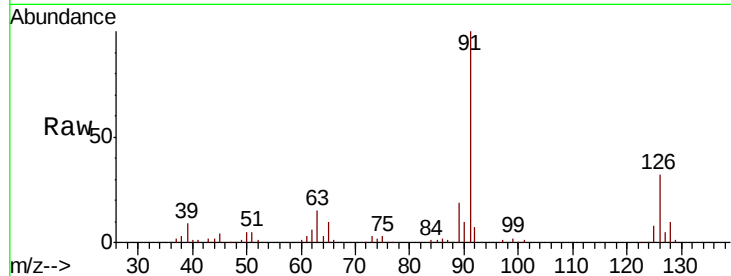




#79
 2-Chlorotoluene
 Concen: 17.025 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

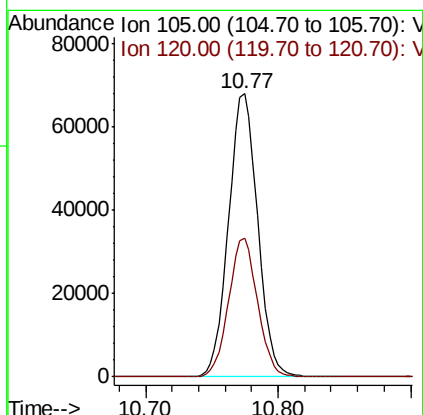
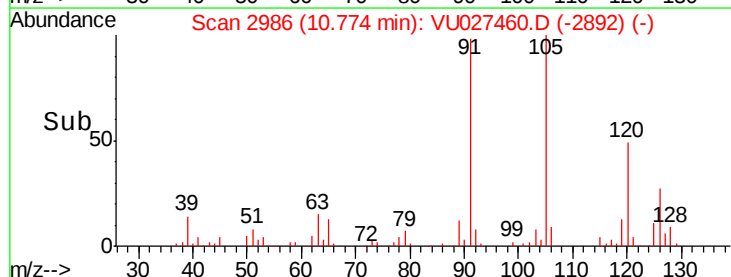
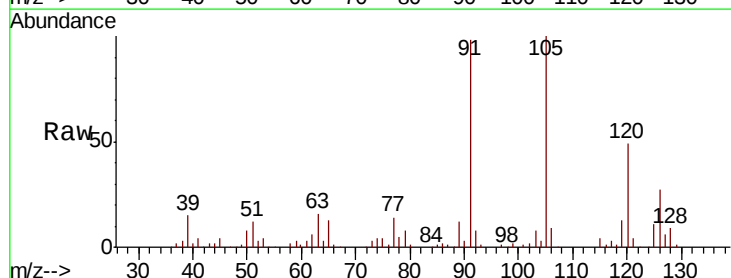
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

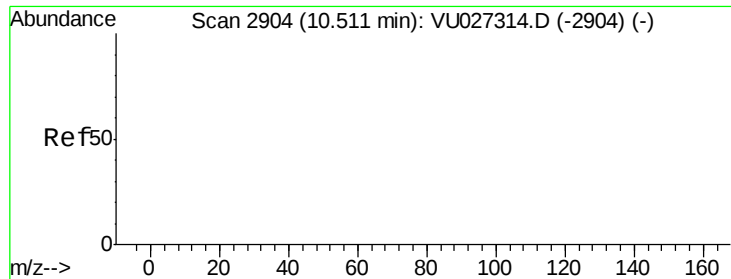
Tgt Ion: 91 Resp: 90363
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 17.472 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion: 105 Resp: 104062
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 58.479 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

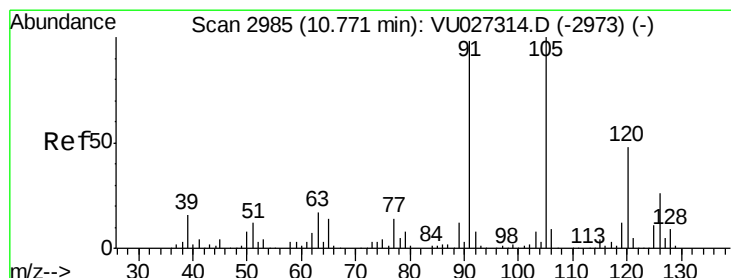
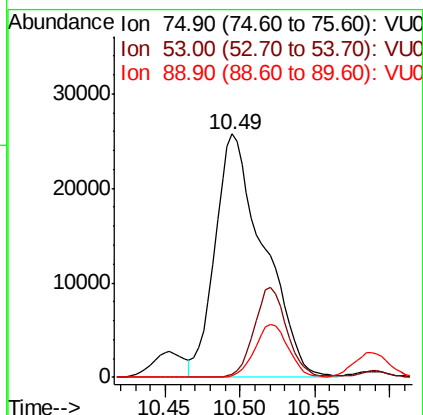
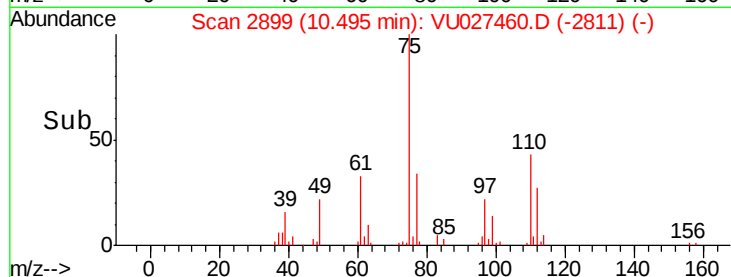
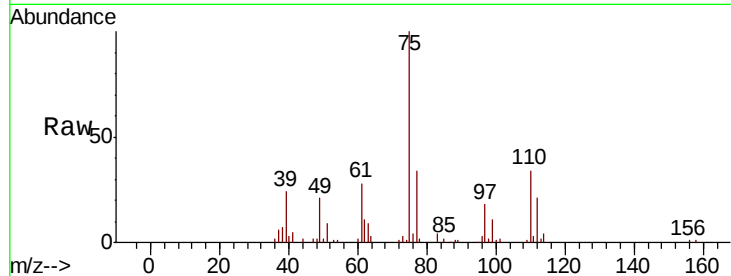
Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tgt Ion: 75 Resp: 58344

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



#82

4-Chlorotoluene

Concen: 17.551 ug/l

RT: 10.77 min Scan# 2986

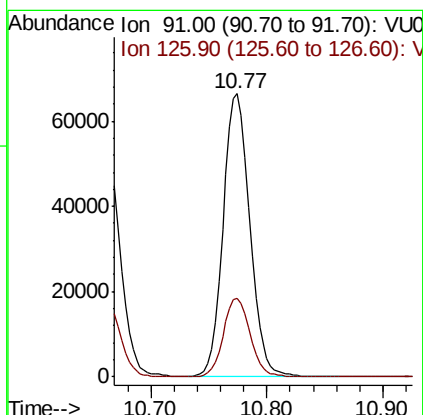
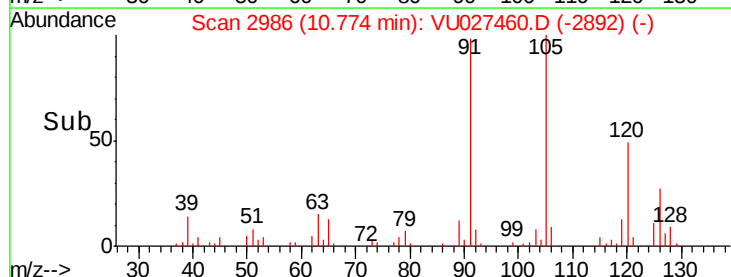
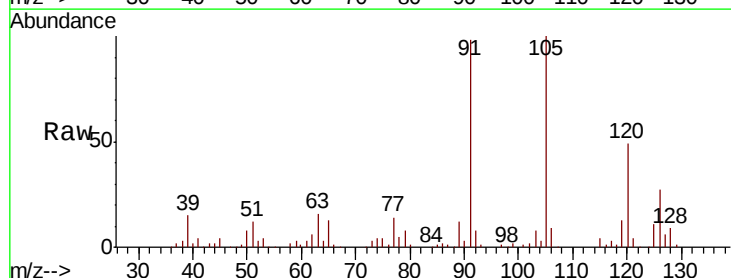
Delta R.T. 0.00 min

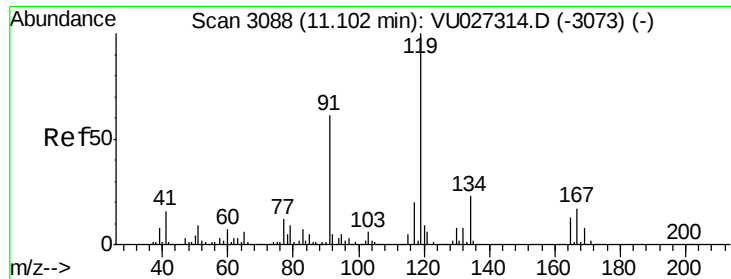
Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Tgt Ion: 91 Resp: 105711

Ion	Ratio	Lower	Upper
91	100		
126	28.0	13.6	40.8

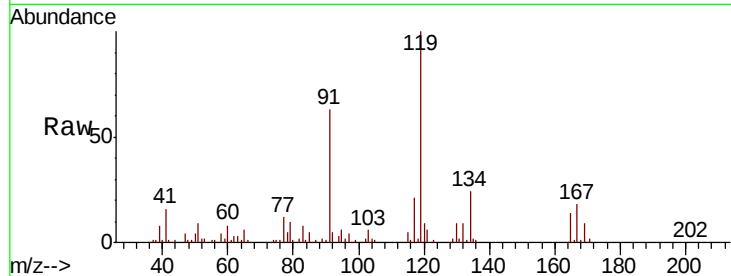




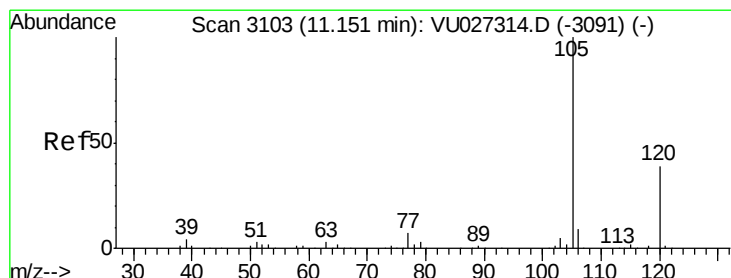
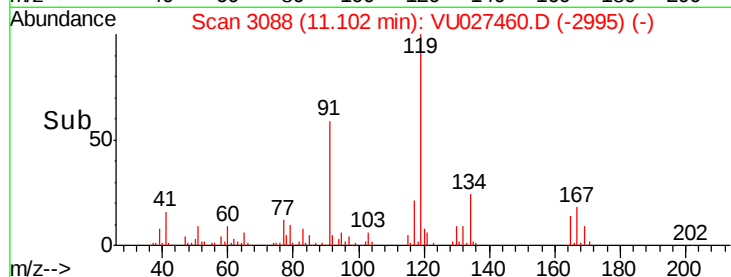
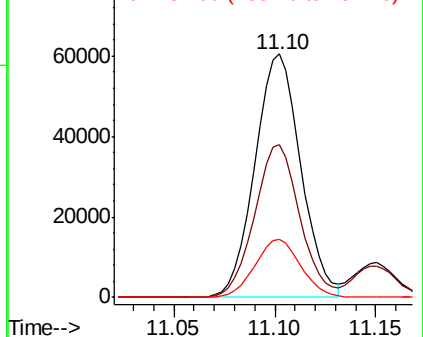
#83
 tert-Butylbenzene
 Concen: 16.694 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tgt Ion:119 Resp: 96122
 Ion Ratio Lower Upper
 119 100
 91 62.1 30.3 91.0
 134 23.6 11.5 34.4

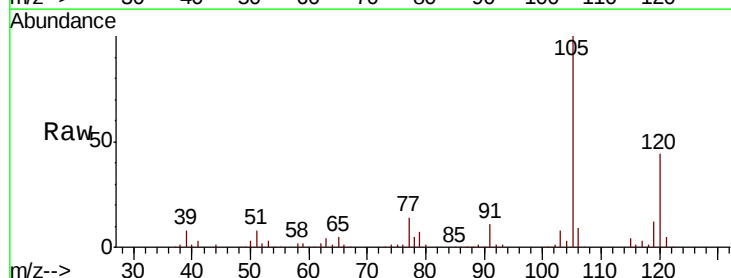


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU
 Ion 134.00 (133.70 to 134.70): V

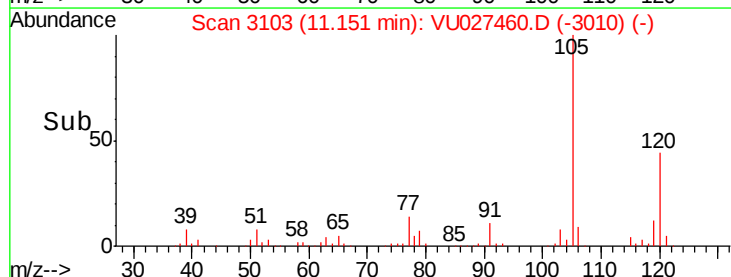
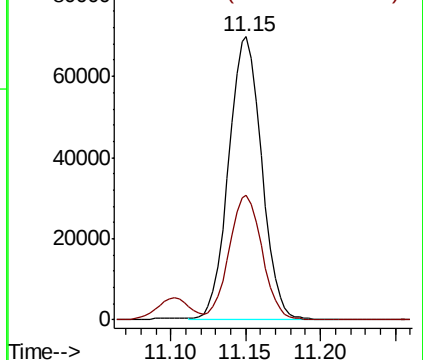


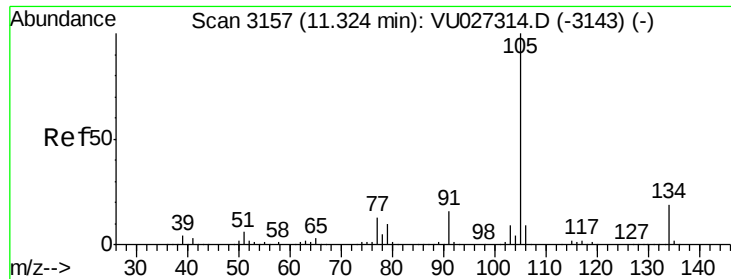
#84
 1,2,4-Trimethylbenzene
 Concen: 17.554 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion:105 Resp: 106800
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5



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

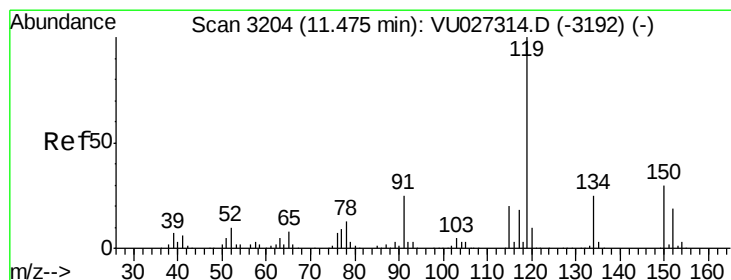
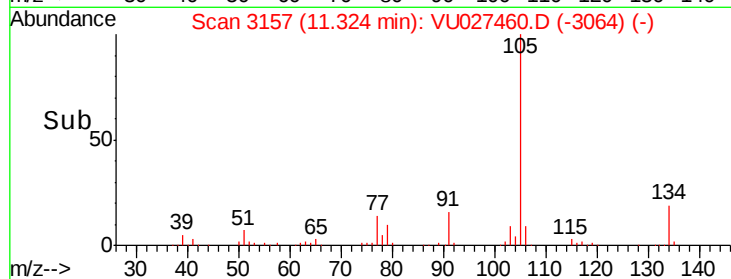
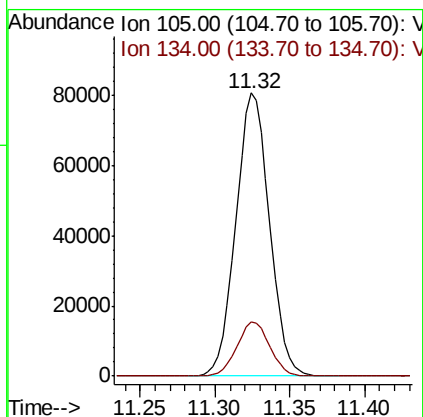
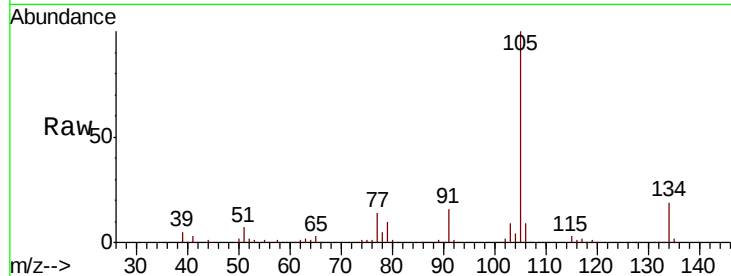




#85
 sec-Butylbenzene
 Concen: 17.326 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

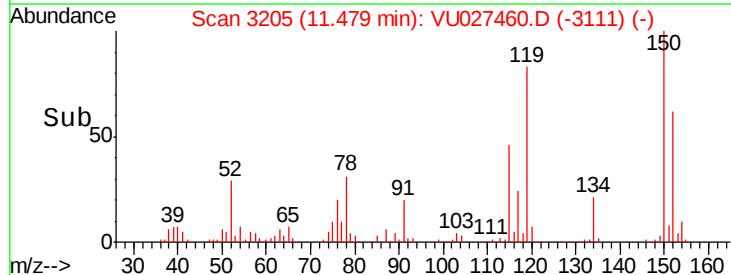
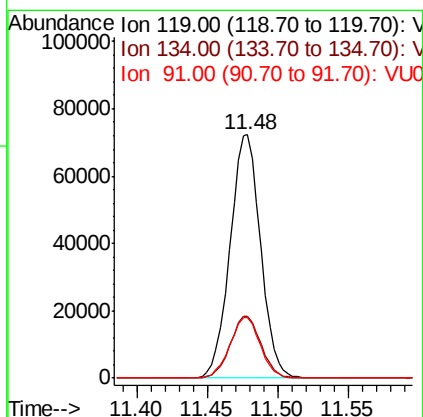
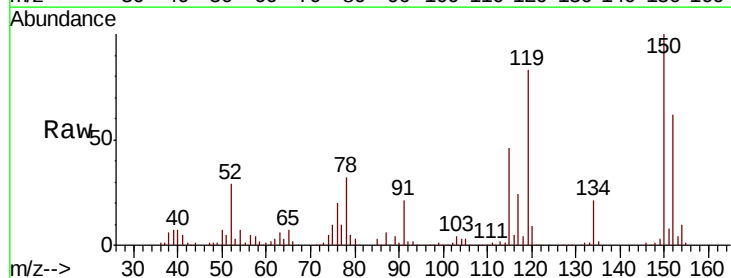
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

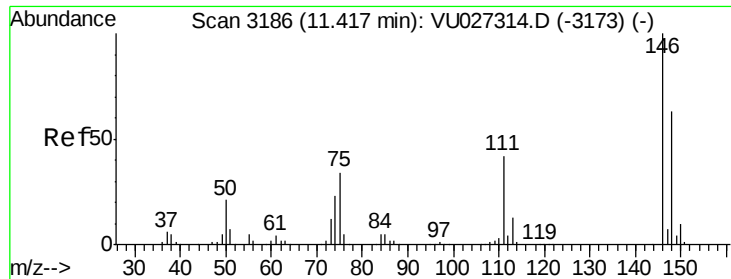
Tgt Ion:105 Resp: 125694
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 17.628 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion:119 Resp: 109498
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 24.8 12.2 36.4

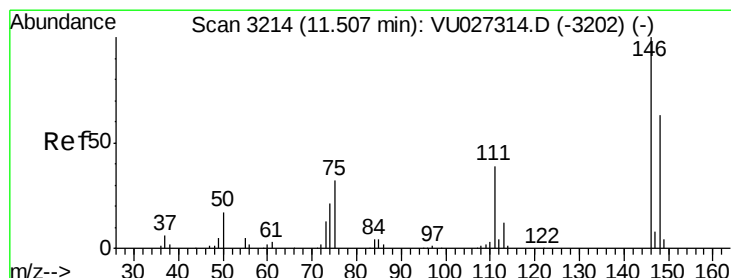
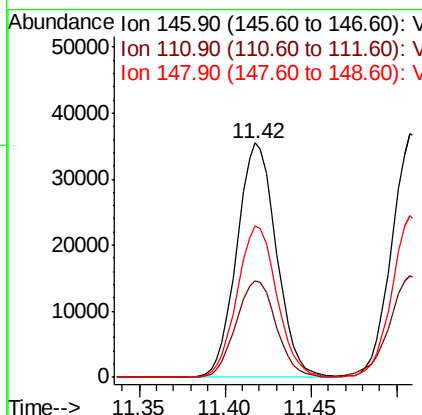
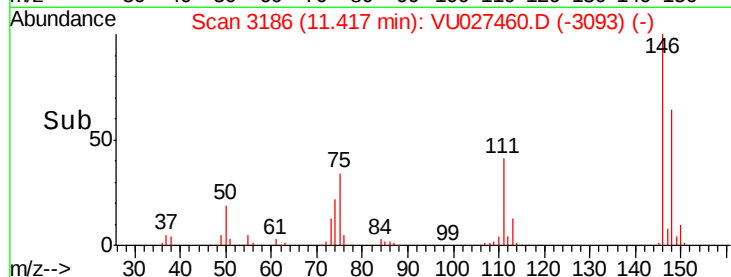
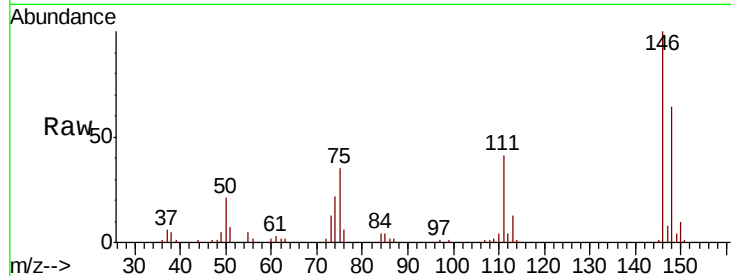




#87
 1,3-Dichlorobenzene
 Concen: 17.570 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

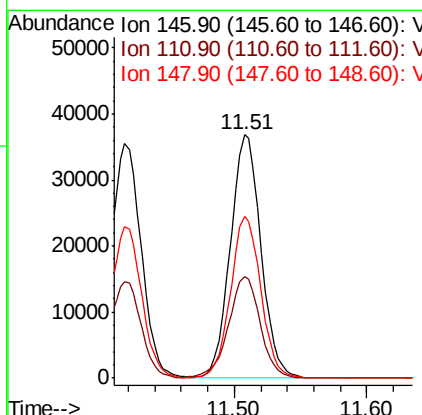
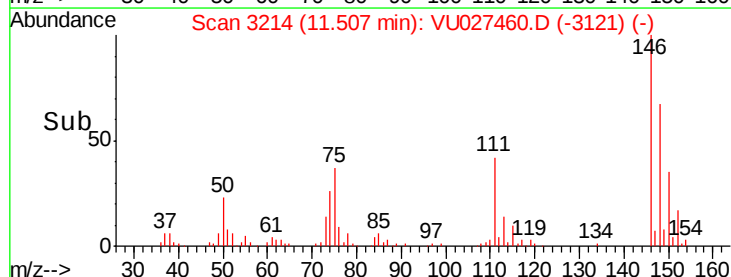
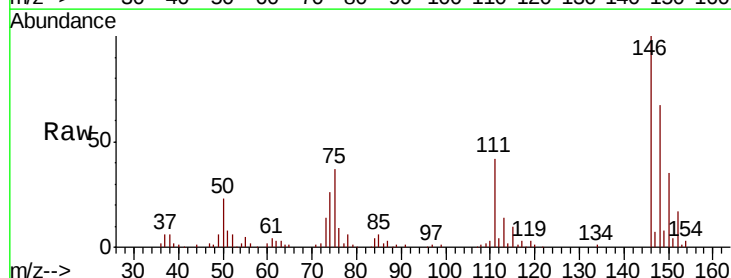
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

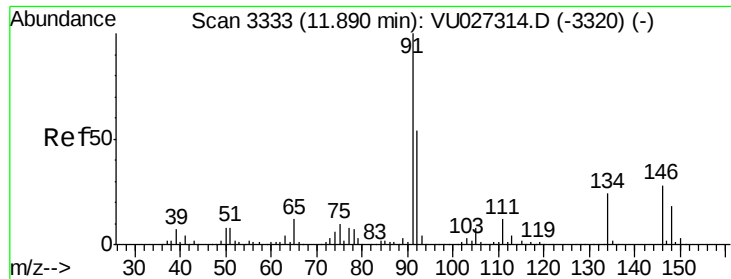
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	65.2	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 17.961 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.4	61.2
148	65.7	31.9	95.5

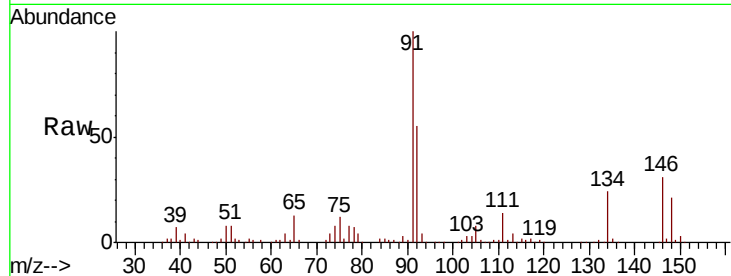




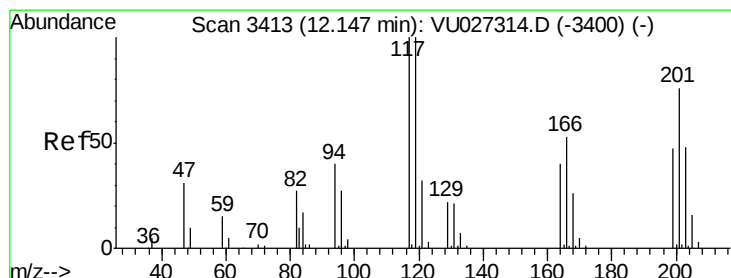
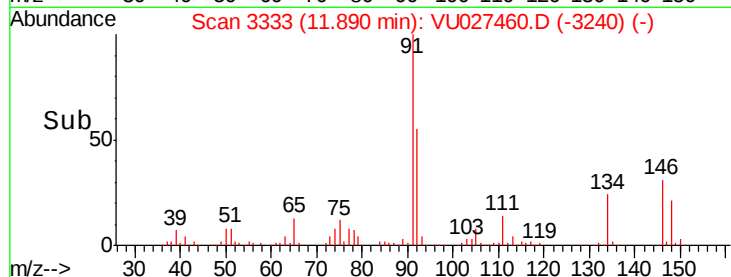
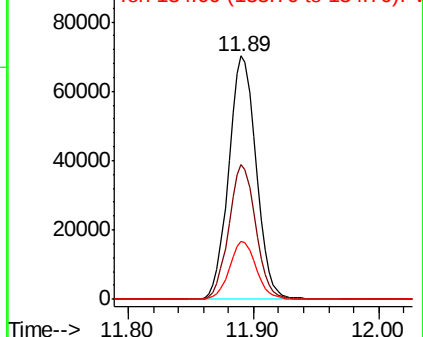
#89
n-Butylbenzene
Concen: 17.503 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tgt Ion: 91 Resp: 106680
Ion Ratio Lower Upper
91 100
92 54.2 27.0 81.0
134 23.1 11.7 35.1

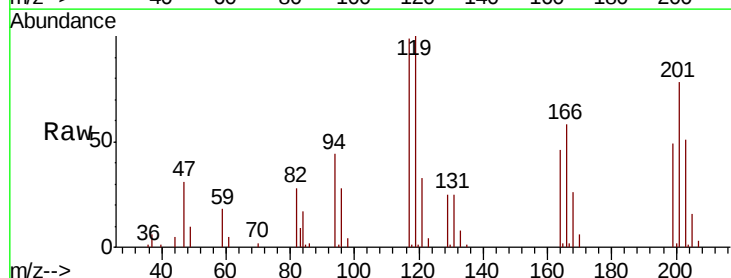


Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU027314.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU027314.D (-3320) (-)

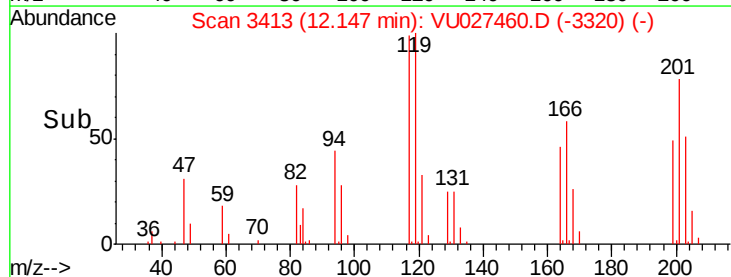
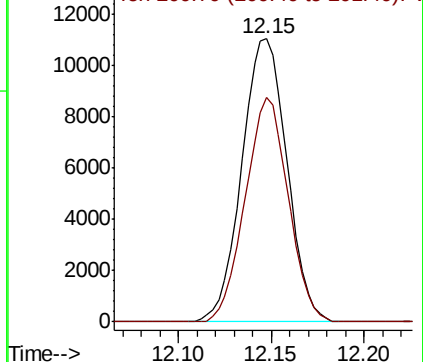


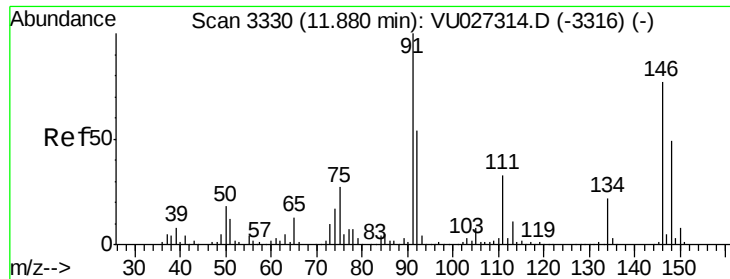
#90
Hexachloroethane
Concen: 15.907 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 117 Resp: 18624
Ion Ratio Lower Upper
117 100
201 75.7 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-3400) (-)
Ion 200.70 (200.40 to 201.40): VU027314.D (-3400) (-)

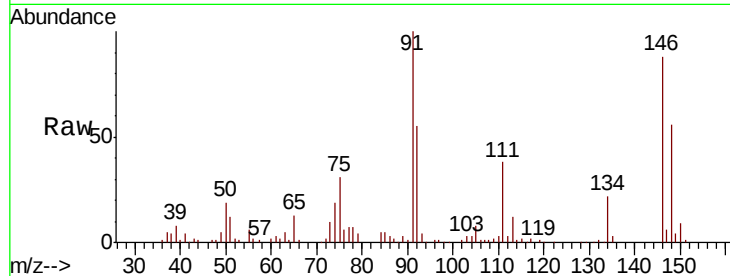




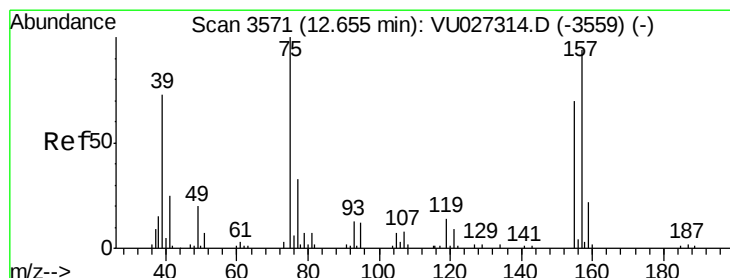
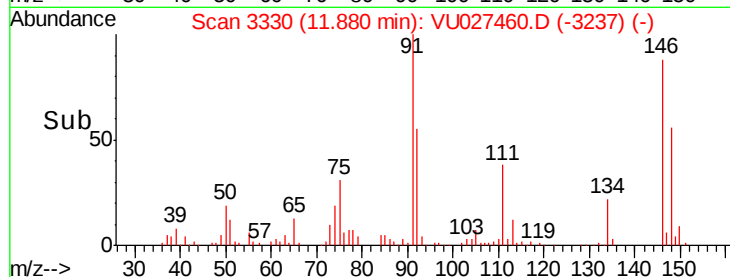
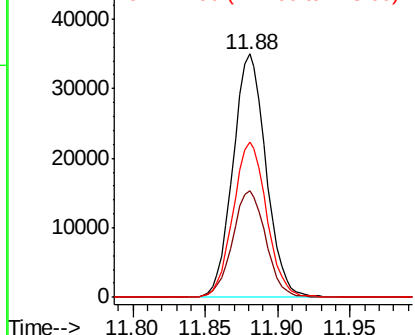
#91
 1,2-Dichlorobenzene
 Concen: 17.697 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tgt Ion: 146 Resp: 55456
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.8 65.4
 148 64.5 31.9 95.5

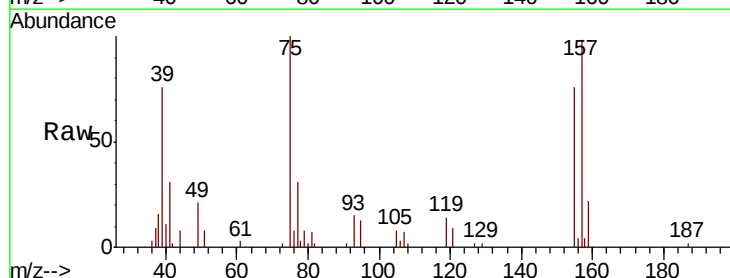


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

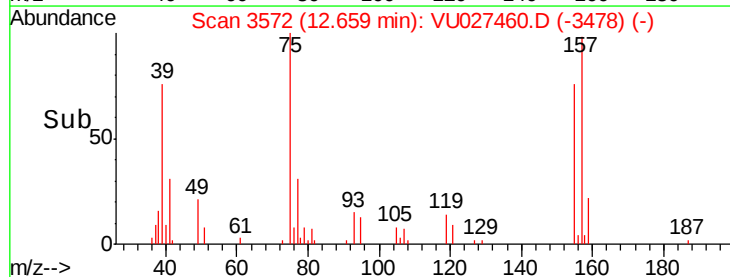
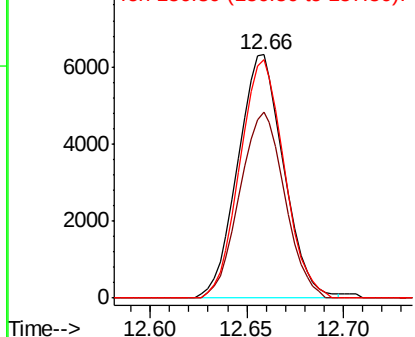


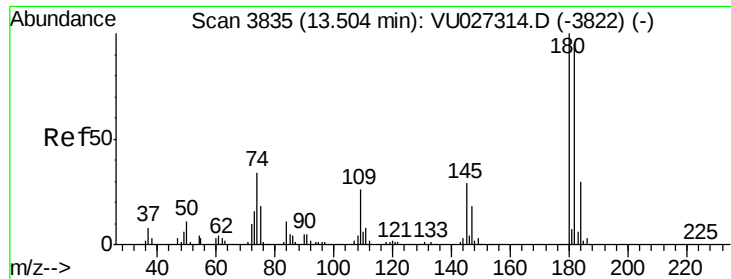
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.368 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion: 75 Resp: 10420
 Ion Ratio Lower Upper
 75 100
 155 74.7 35.9 107.8
 157 94.6 46.9 140.6



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

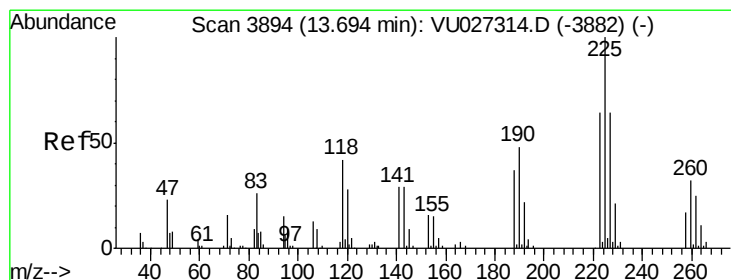
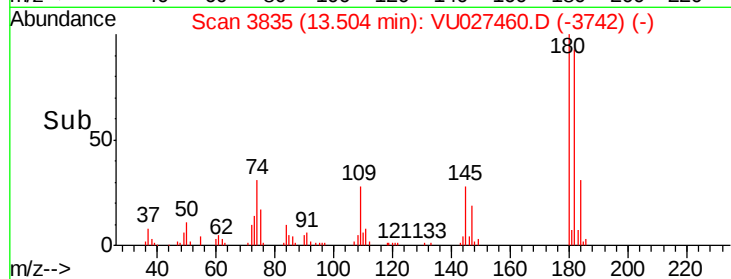
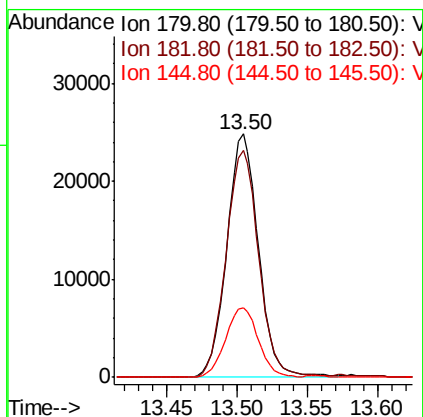
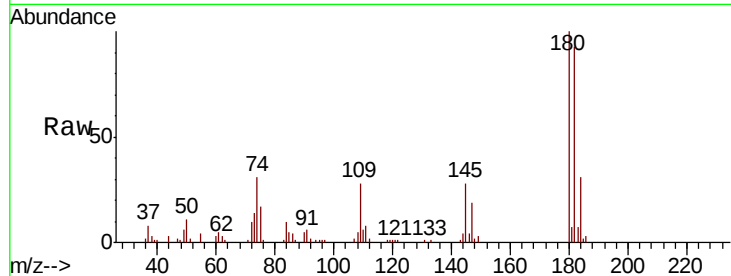




#93
 1,2,4-Trichlorobenzene
 Concen: 19.262 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

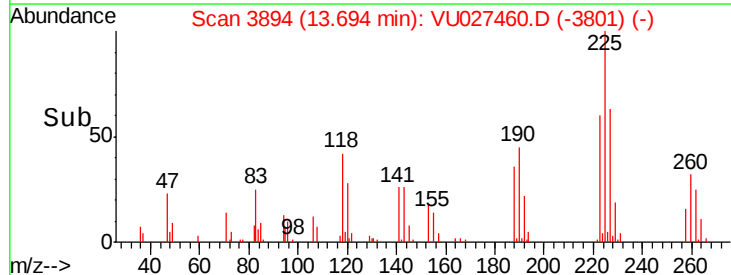
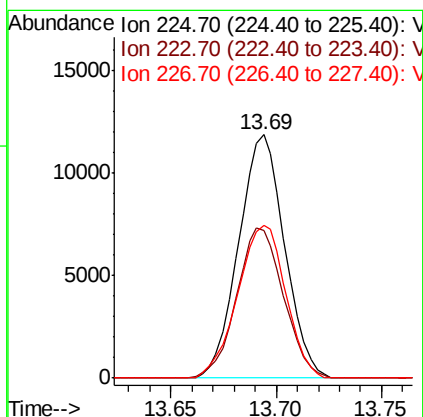
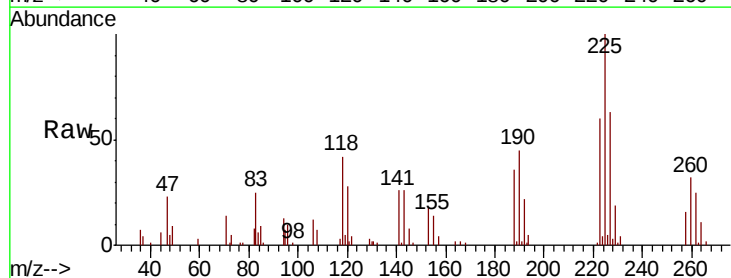
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

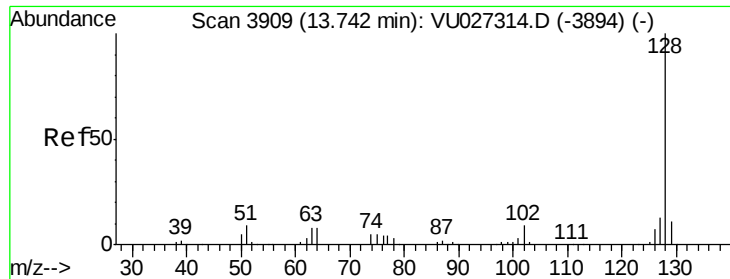
Tgt Ion:180 Resp: 39057
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.3
 145 29.7 14.6 44.0



#94
 Hexachlorobutadiene
 Concen: 17.511 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion:225 Resp: 17939
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.8 95.3
 227 65.7 31.9 95.7

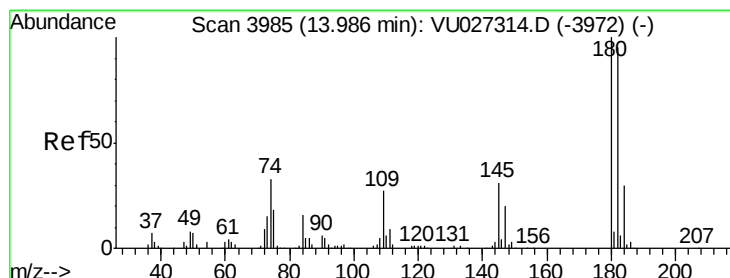
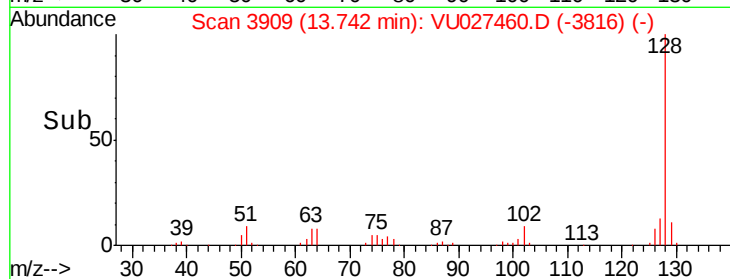
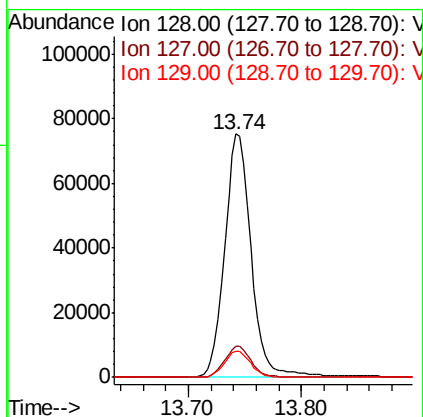
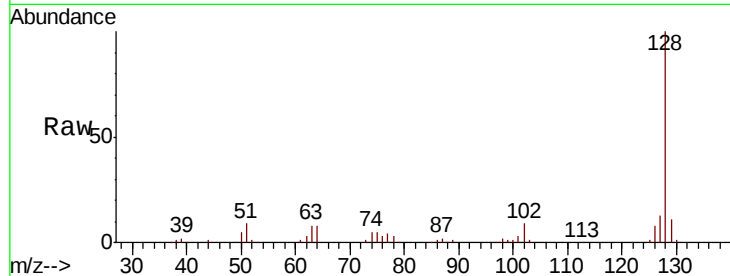




#95
Naphthalene
Concen: 17.251 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tgt Ion:128 Resp: 122807
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.853 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion:180 Resp: 39827
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 31.4 15.9 47.7

