

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027942.D
 Acq On : 05 Nov 2018 09:21
 Operator : MD/SY
 Sample : VU1105WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Quant Time: Nov 06 03:20:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	188421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	314577	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	138647	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	122525	43.74	ug/l	0.00
Spiked Amount			Recovery	=	87.48%	
35) Dibromofluoromethane	4.88	113	91501	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
50) Toluene-d8	7.57	98	347968	45.42	ug/l	0.00
Spiked Amount			Recovery	=	90.84%	
62) 4-Bromofluorobenzene	10.31	95	128702	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	39085	16.325	ug/l	96
3) Chloromethane	1.33	50	51858	17.909	ug/l	100
4) Vinyl Chloride	1.40	62	50825	17.685	ug/l	100
5) Bromomethane	1.62	94	24854	23.372	ug/l	96
6) Chloroethane	1.70	64	30244	18.262	ug/l	96
7) Trichlorofluoromethane	1.89	101	61696	18.578	ug/l	96
8) Diethyl Ether	2.11	74	26441	18.595	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38626	19.579	ug/l	98
10) Methyl Iodide	2.41	142	30586	22.021	ug/l	99
11) Tert butyl alcohol	2.83	59	67200	90.614	ug/l	99
12) 1,1-Dichloroethene	2.29	96	35907	18.183	ug/l	95
13) Acrolein	2.20	56	19371	66.010	ug/l	99
14) Allyl chloride	2.59	41	87023	18.031	ug/l	98
15) Acrylonitrile	2.94	53	170048	93.346	ug/l	99
16) Acetone	2.32	43	173167	99.632	ug/l	100
17) Carbon Disulfide	2.48	76	114306	17.709	ug/l	100
18) Methyl Acetate	2.62	43	86804	18.155	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	149582	18.783	ug/l	99
20) Methylene Chloride	2.70	84	47449	18.698	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	41240	18.096	ug/l	100
22) Diisopropyl ether	3.57	45	188733	18.941	ug/l	94
23) Vinyl Acetate	3.53	43	818060	95.528	ug/l	99
24) 1,1-Dichloroethane	3.45	63	92282	18.593	ug/l	99
25) 2-Butanone	4.26	43	259565	93.872	ug/l	98
26) 2,2-Dichloropropane	4.23	77	73706	19.789	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	48772	19.084	ug/l	99
28) Bromochloromethane	4.55	49	40780	17.527	ug/l	99
29) Tetrahydrofuran	4.64	42	165643	89.713	ug/l	99
30) Chloroform	4.67	83	82179	18.058	ug/l	96
31) Cyclohexane	5.00	56	94817	18.400	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	69713	19.244	ug/l	99
36) 1,1-Dichloropropene	5.14	75	62978	19.115	ug/l	99
37) Ethyl Acetate	4.38	43	91363	18.926	ug/l	99
38) Carbon Tetrachloride	5.13	117	57279	19.618	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110518\
 Data File : VU027942.D
 Acq On : 05 Nov 2018 09:21
 Operator : MD/SY
 Sample : VU1105WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Quant Time: Nov 06 03:20:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	78707	19.807	ug/l	98
40) Benzene	5.39	78	193881	19.247	ug/l	99
41) Methacrylonitrile	4.54	41	50867	19.745	ug/l	97
42) 1,2-Dichloroethane	5.40	62	68263	19.065	ug/l	99
43) Isopropyl Acetate	5.55	43	142543	18.847	ug/l	100
44) Trichloroethene	6.19	130	42790	19.762	ug/l	96
45) 1,2-Dichloropropane	6.43	63	57239	19.703	ug/l	99
46) Dibromomethane	6.56	93	32431	19.422	ug/l	98
47) Bromodichloromethane	6.76	83	64753	20.123	ug/l	96
48) Methyl methacrylate	6.62	41	71939	19.410	ug/l	98
49) 1,4-Dioxane	6.61	88	25007	413.558	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	481762	95.381	ug/l	100
52) Toluene	7.64	92	113432	19.155	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	74517	19.374	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	82589	20.819	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	45956	19.075	ug/l	99
56) Ethyl methacrylate	8.02	69	84870	19.975	ug/l	99
57) 1,3-Dichloropropane	8.24	76	85304	19.437	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	223589	98.258	ug/l	100
59) 2-Hexanone	8.36	43	380220	97.329	ug/l	99
60) Dibromochloromethane	8.48	129	45352	19.892	ug/l	98
61) 1,2-Dibromoethane	8.58	107	48714	19.029	ug/l	95
64) Tetrachloroethene	8.23	164	36280	19.070	ug/l	98
65) Chlorobenzene	9.12	112	116060	18.723	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	42392	20.022	ug/l	100
67) Ethyl Benzene	9.25	91	220270	19.305	ug/l	100
68) m/p-Xylenes	9.38	106	162552	39.264	ug/l	100
69) o-Xylene	9.78	106	78975	18.891	ug/l	97
70) Styrene	9.79	104	128766	19.277	ug/l	99
71) Bromoform	9.96	173	35573	20.047	ug/l #	96
73) Isopropylbenzene	10.17	105	211866	19.725	ug/l	100
74) N-amyl acetate	10.01	43	129387	19.922	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	86136	19.881	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	99514	26.240	ug/l	82
77) Bromobenzene	10.45	156	50179	20.374	ug/l	98
78) n-propylbenzene	10.59	91	256178	19.926	ug/l	100
79) 2-Chlorotoluene	10.66	91	150804	19.569	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	176059	19.787	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	99514	65.435	ug/l #	100
82) 4-Chlorotoluene	10.77	91	170464	19.484	ug/l	99
83) tert-Butylbenzene	11.10	119	173247	19.477	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	179056	19.985	ug/l	99
85) sec-Butylbenzene	11.32	105	216618	20.024	ug/l	100
86) p-Isopropyltoluene	11.48	119	180082	19.913	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	89601	19.694	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	89488	19.190	ug/l	98
89) n-Butylbenzene	11.89	91	168592	19.616	ug/l	99
90) Hexachloroethane	12.15	117	32819	20.384	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	90681	19.820	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18073	19.797	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110518\
Data File : VU027942.D
Acq On : 05 Nov 2018 09:21
Operator : MD/SY
Sample : VU1105WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Quant Time: Nov 06 03:20:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

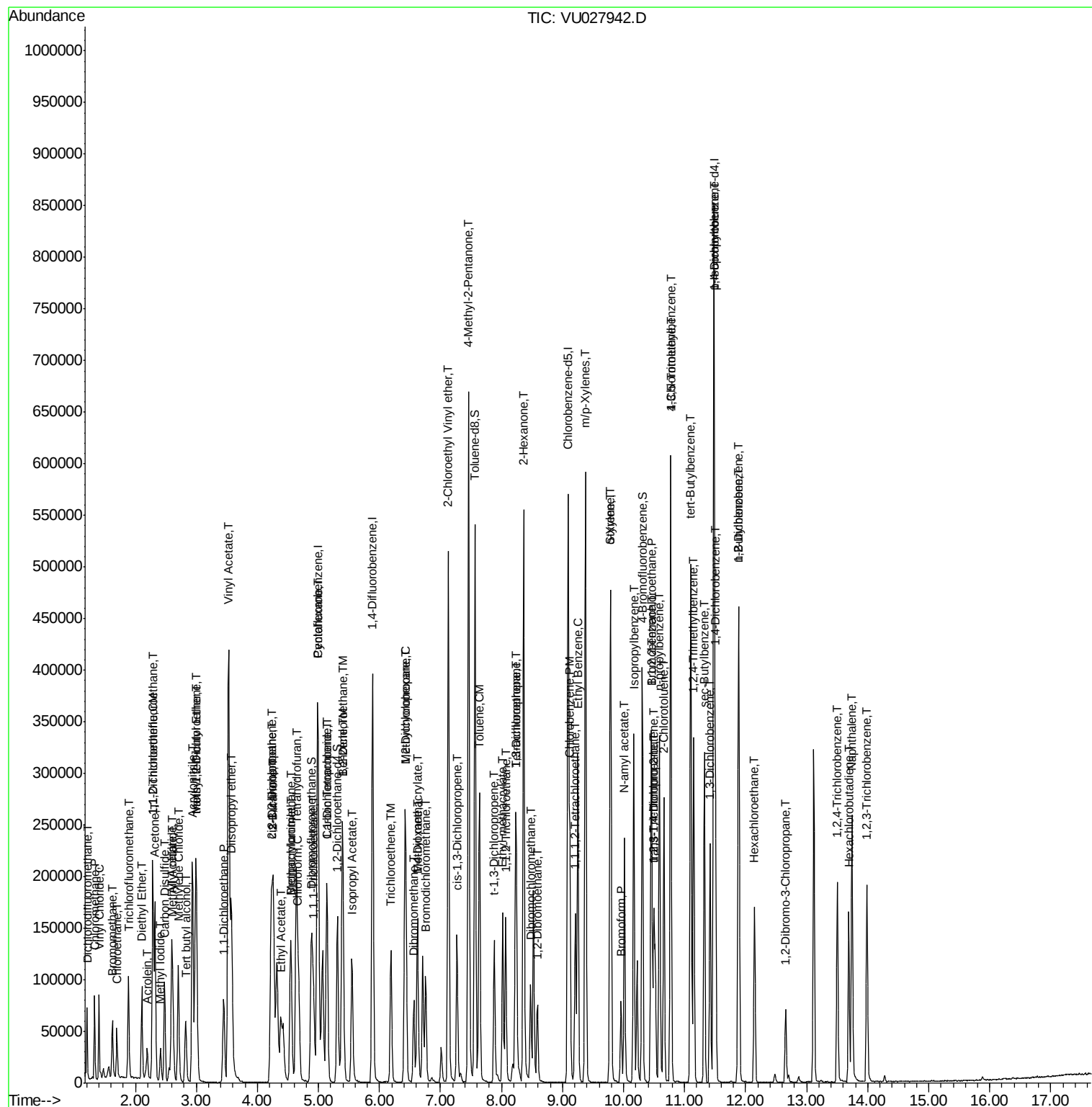
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	58699	18.728	ug/l	98
94) Hexachlorobutadiene	13.69	225	30176	20.752	ug/l	98
95) Naphthalene	13.74	128	207726	18.150	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	59653	19.430	ug/l	99

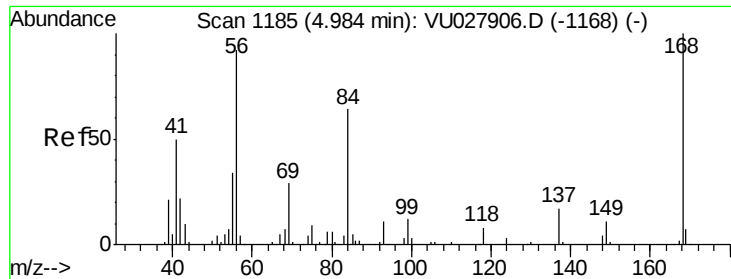
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110518\
Data File : VU027942.D
Acq On : 05 Nov 2018 09:21
Operator : MD/SY
Sample : VU1105WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Quant Time: Nov 06 03:20:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

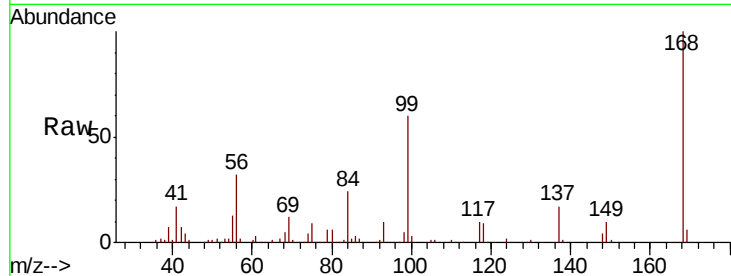
VU1105WBS01

Tot Ion:168 Resp: 188421

Ion Ratio Lower Upper

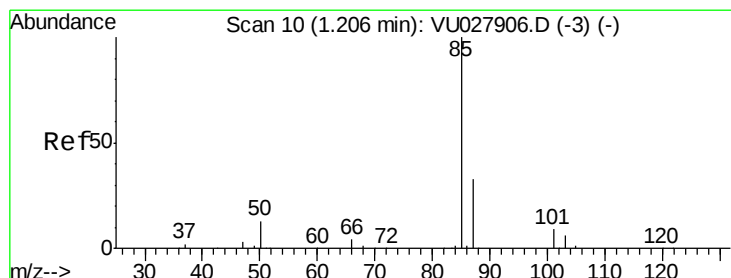
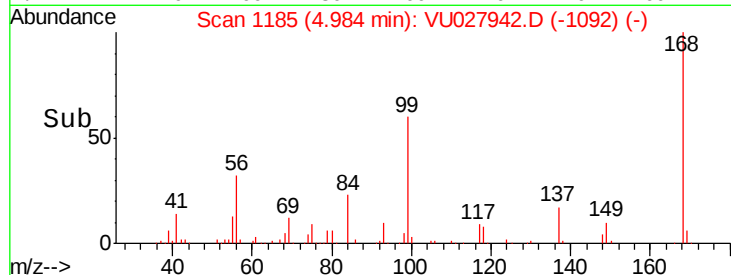
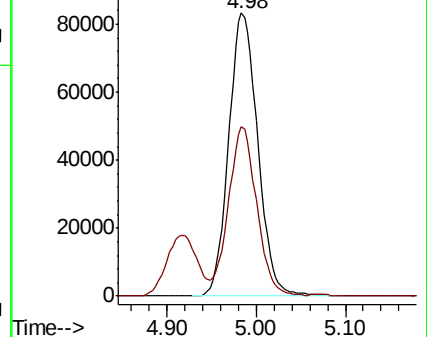
168 100

99 59.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)



#2

Dichlorodifluoromethane

Concen: 16.325 ug/l

RT: 1.21 min Scan# 11

Delta R.T. 0.00 min

Lab File: VU027942.D

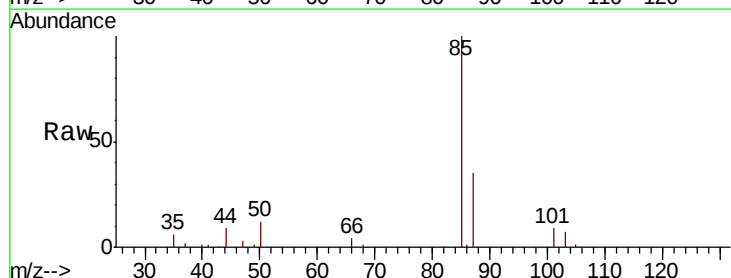
Acq: 05 Nov 2018 09:21

Tgt Ion: 85 Resp: 39085

Ion Ratio Lower Upper

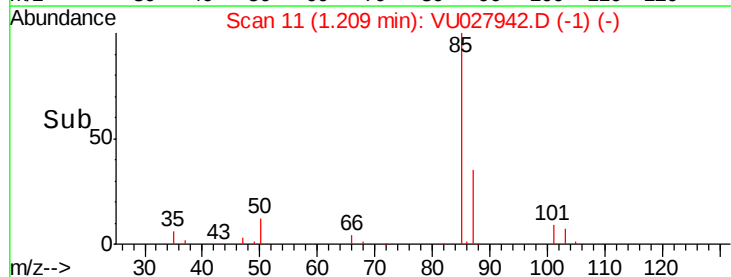
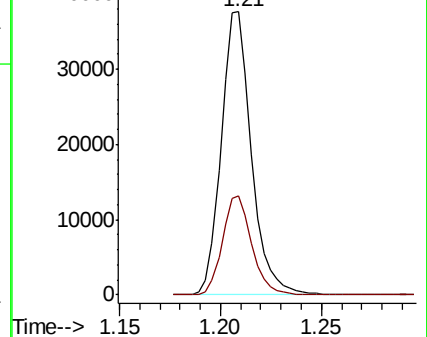
85 100

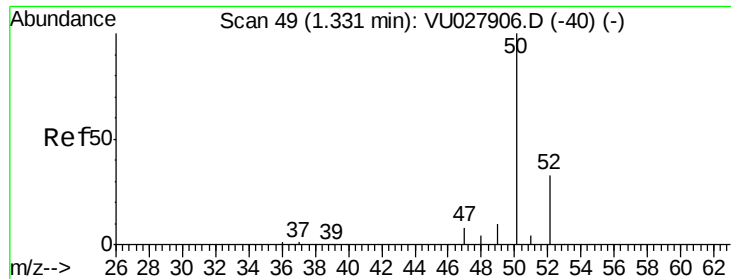
87 35.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU027906.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027906.D (-3) (-)

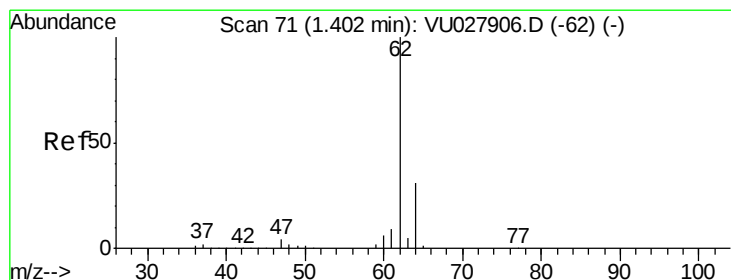
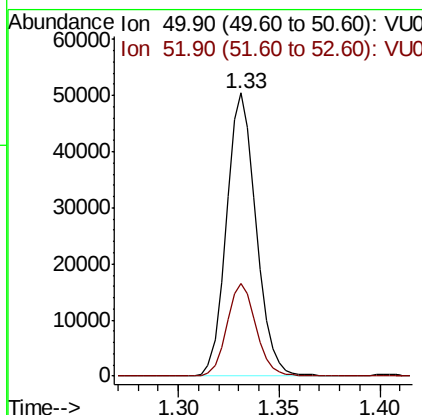
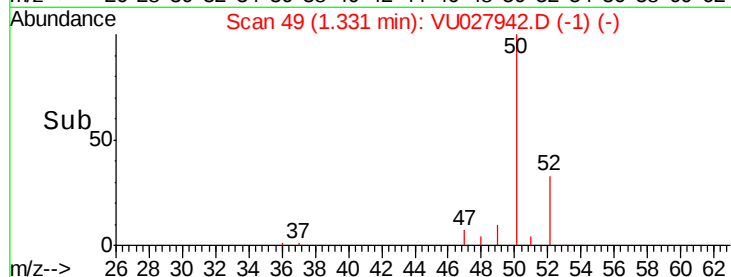
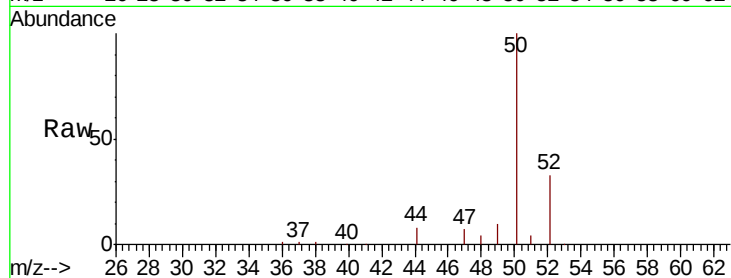




#3
Chloromethane
Concen: 17.909 ug/l
RT: 1.33 min Scan# 49
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

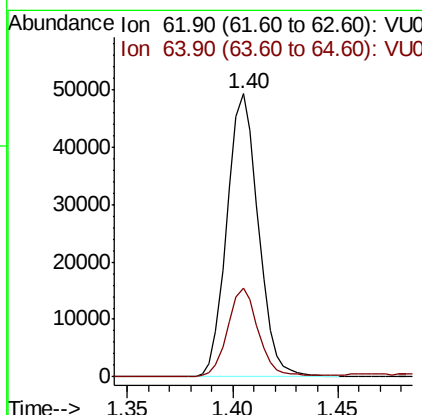
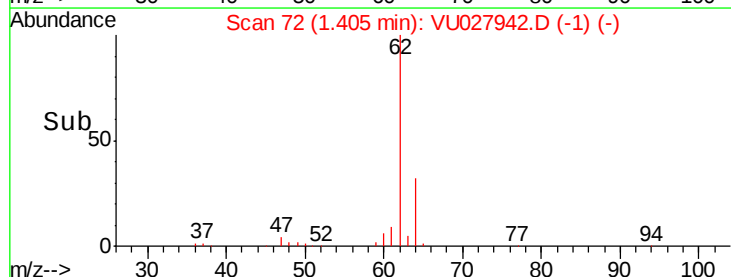
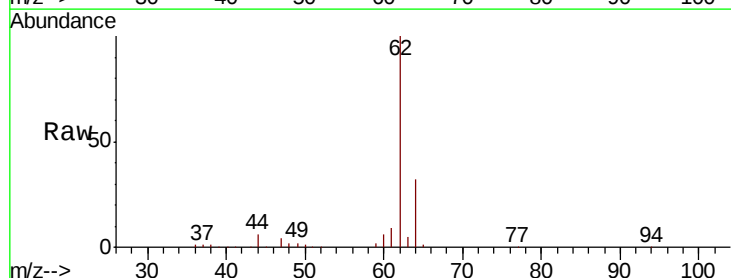
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

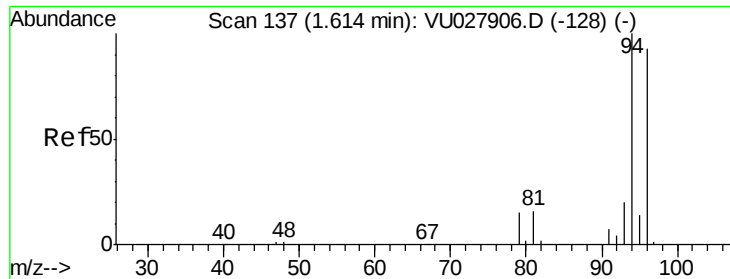
Tot Ion: 50 Resp: 51858
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4



#4
Vinyl Chloride
Concen: 17.685 ug/l
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion: 62 Resp: 50825
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8

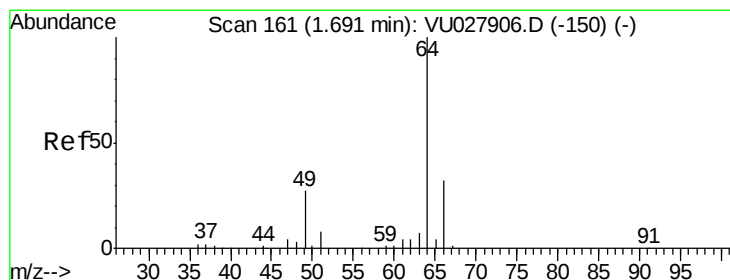
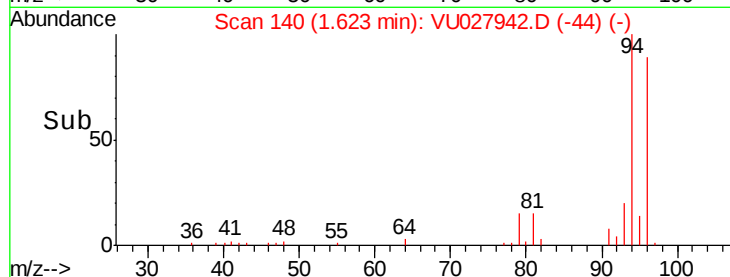
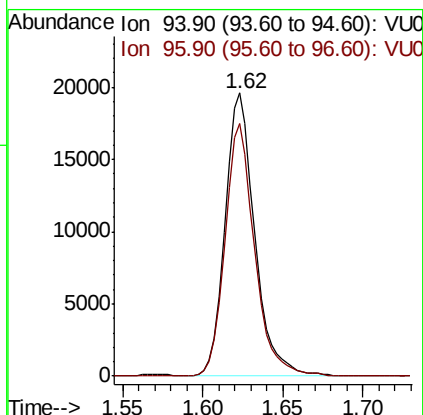
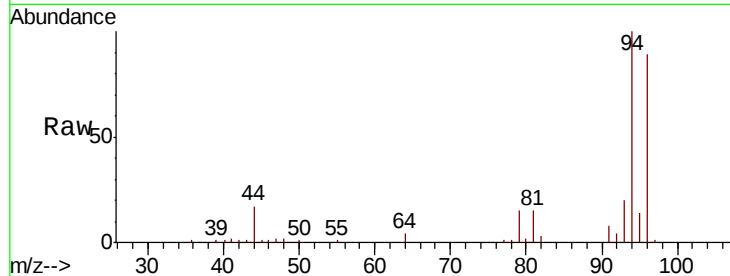




#5
Bromomethane
Concen: 23.372 ug/l
RT: 1.62 min Scan# 140
Delta R.T. 0.01 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

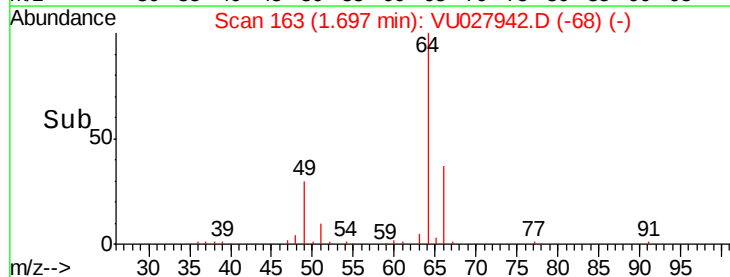
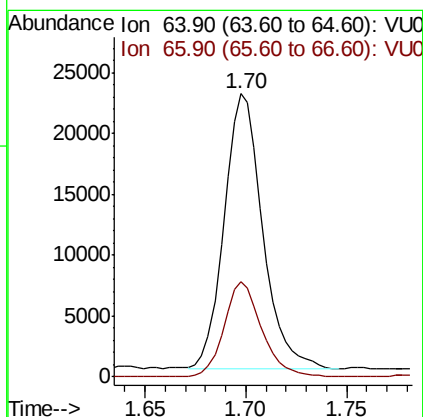
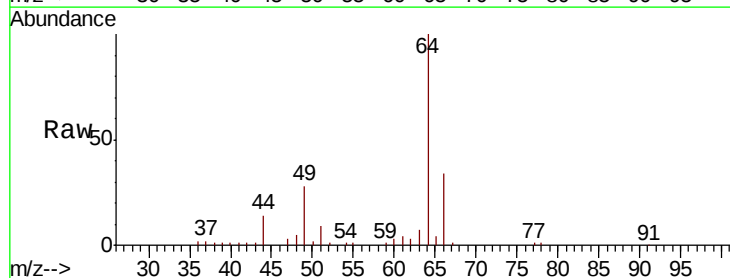
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

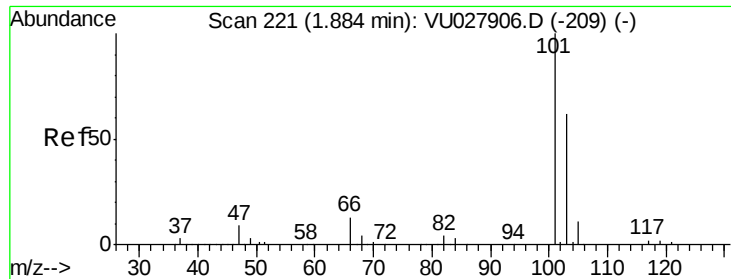
Tot Ion: 94 Resp: 24854
Ion Ratio Lower Upper
94 100
96 89.3 74.8 112.2



#6
Chloroethane
Concen: 18.262 ug/l
RT: 1.70 min Scan# 163
Delta R.T. 0.01 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion: 64 Resp: 30244
Ion Ratio Lower Upper
64 100
66 34.8 25.9 38.9



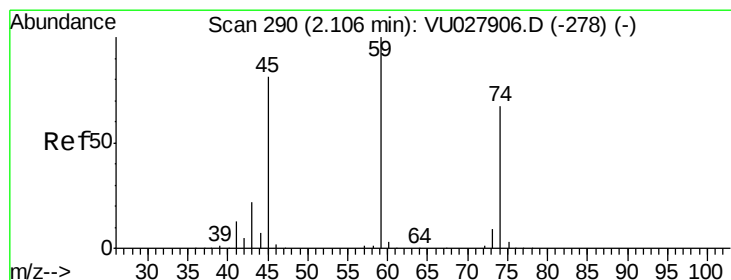
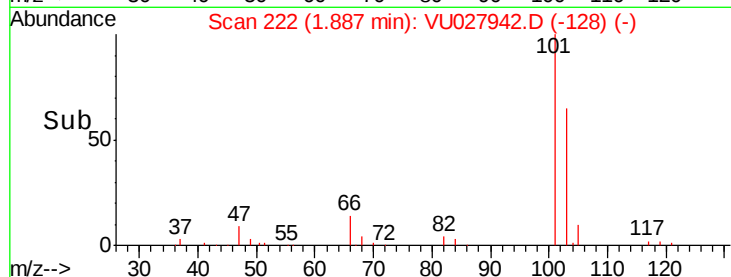
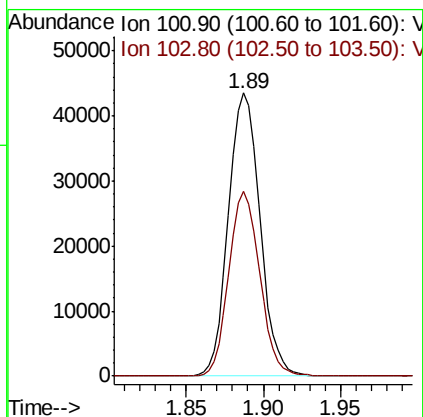
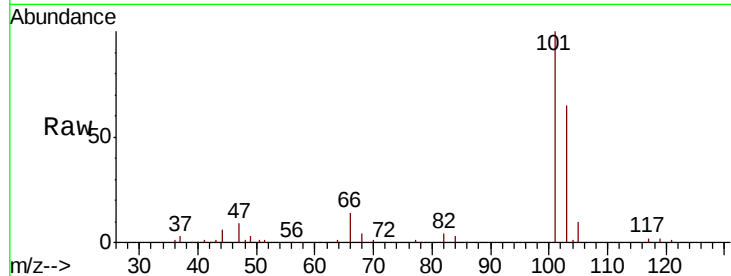


#7

Trichlorofluoromethane
 Concen: 18.578 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

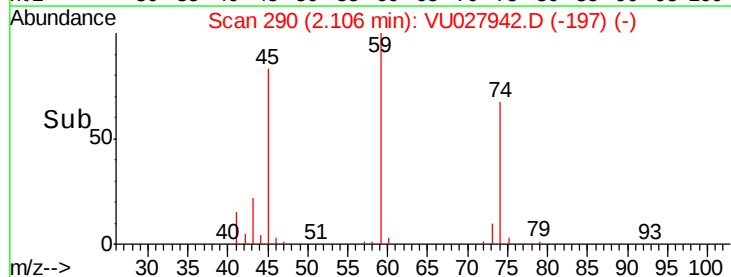
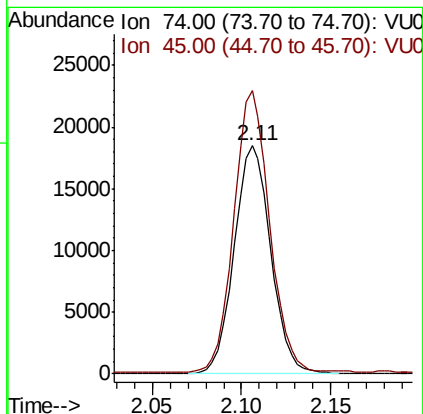
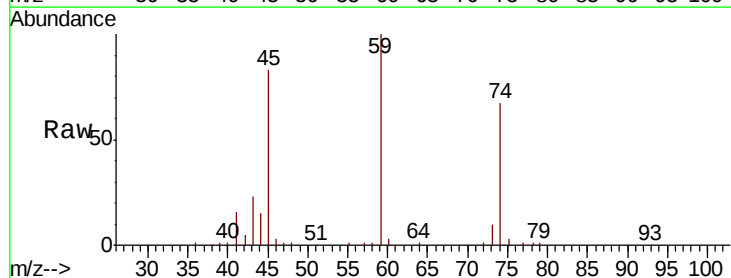
Tot Ion:101 Resp: 61696
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.4 74.2

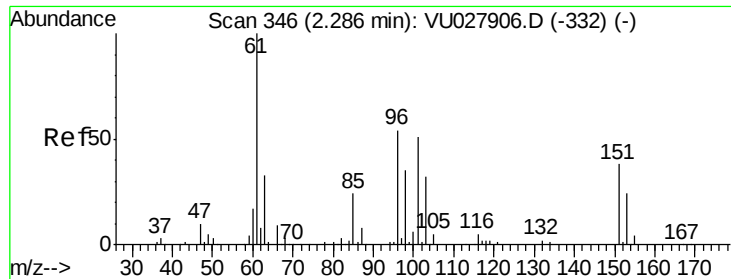


#8

Diethyl Ether
 Concen: 18.595 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion: 74 Resp: 26441
 Ion Ratio Lower Upper
 74 100
 45 120.2 60.5 181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.579 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

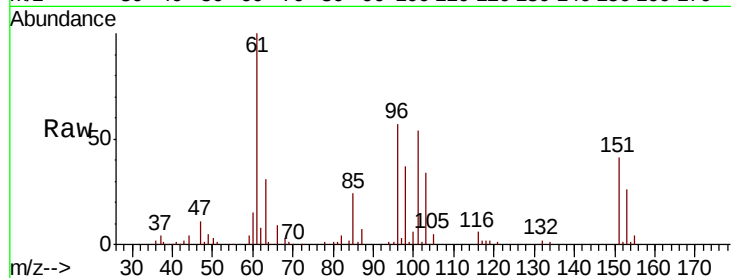
Tot Ion:101 Resp: 38626

Ion Ratio Lower Upper

101 100

85 43.8 36.9 55.3

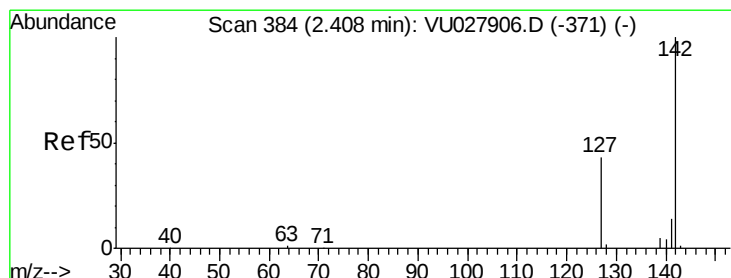
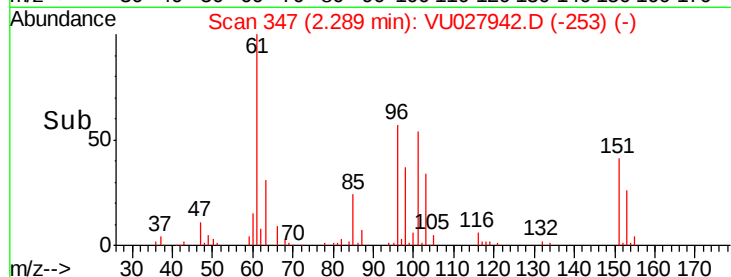
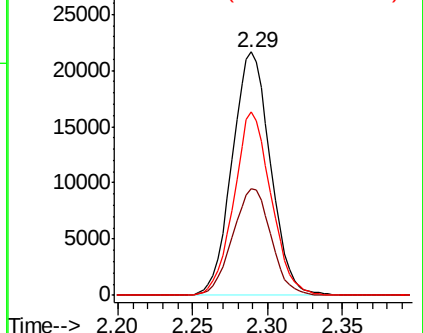
151 73.1 58.0 87.0



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: 22.021 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

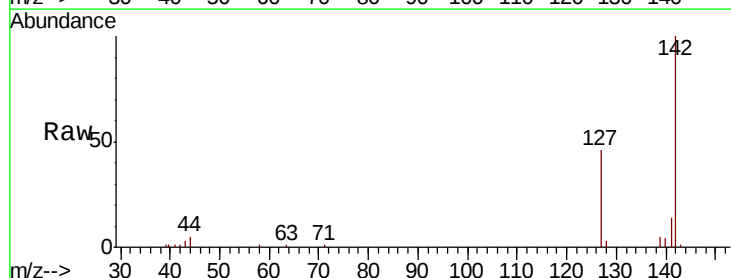
Tgt Ion:142 Resp: 30586

Ion Ratio Lower Upper

142 100

127 43.3 35.2 52.8

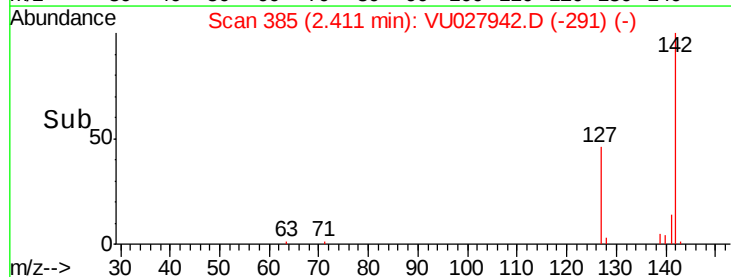
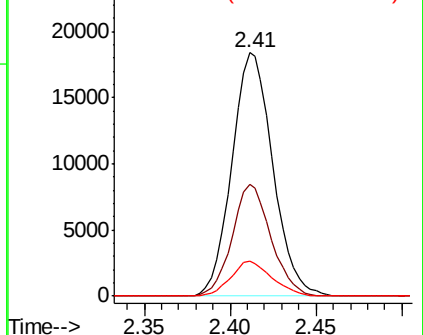
141 14.3 11.8 17.8

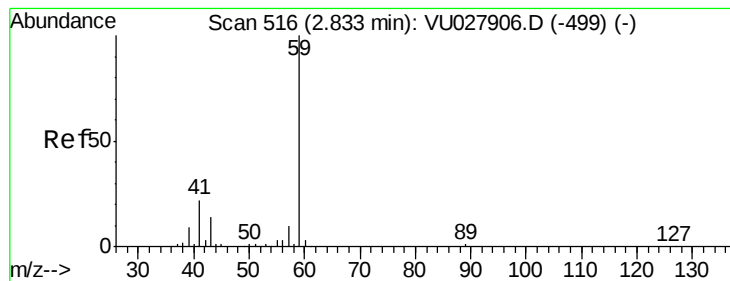


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



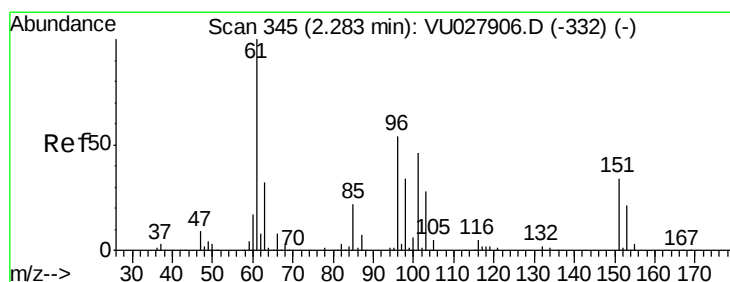
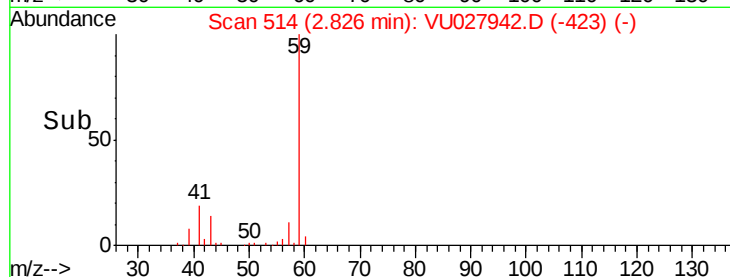
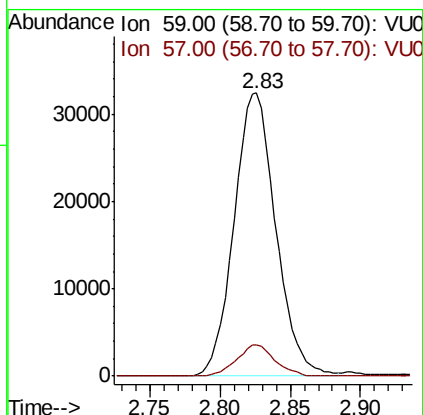
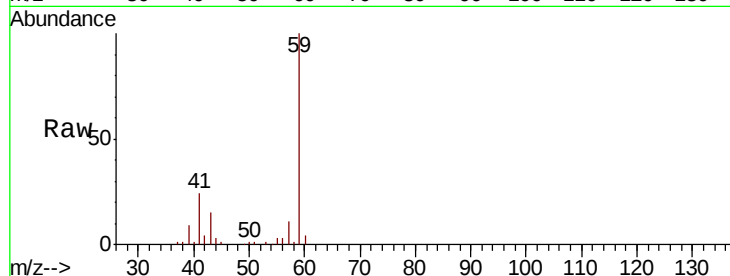


#11

Tert butyl alcohol
 Concen: 90.614 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

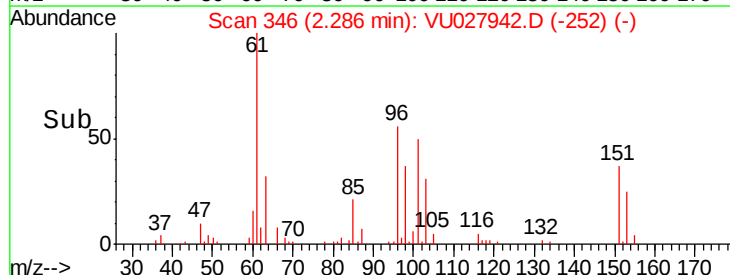
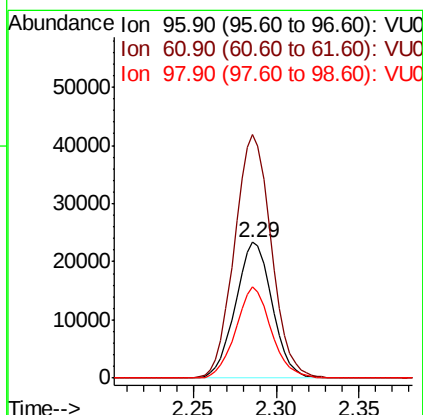
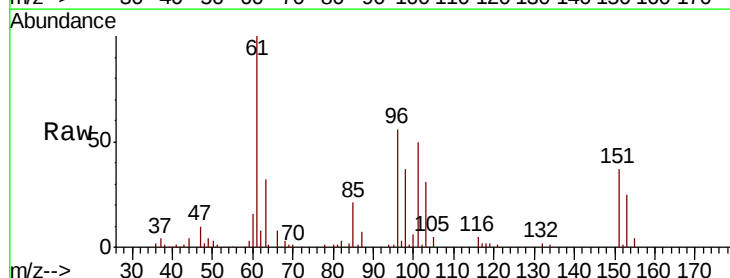
Tot Ion: 59 Resp: 67200
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.8

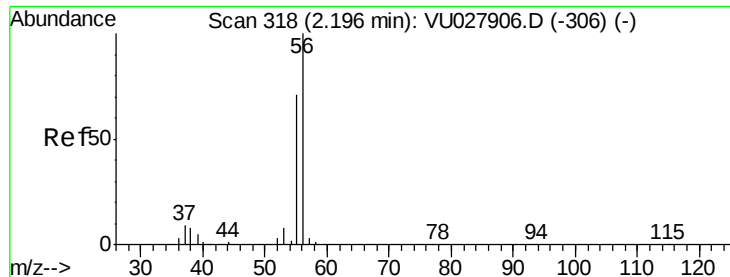


#12

1,1-Dichloroethene
 Concen: 18.183 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion: 96 Resp: 35907
 Ion Ratio Lower Upper
 96 100
 61 179.2 149.3 223.9
 98 66.9 50.6 75.8





#13

Acrolein

Concen: 66.010 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

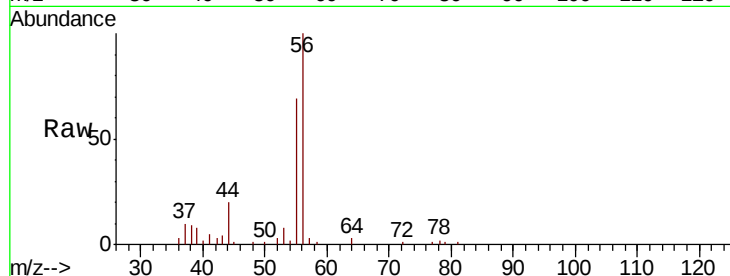
VU1105WBS01

Tot Ion: 56 Resp: 19371

Ion Ratio Lower Upper

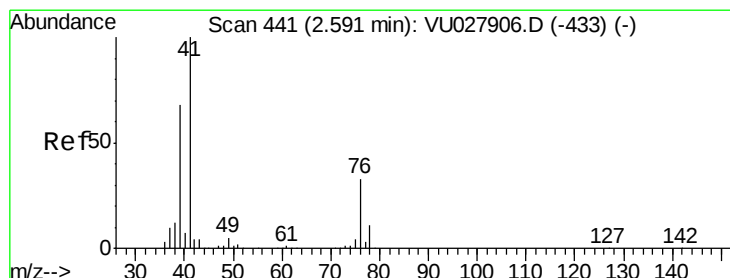
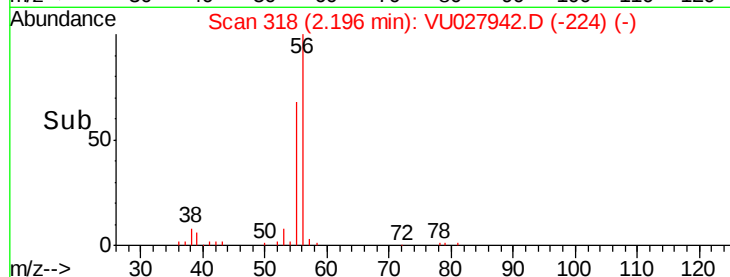
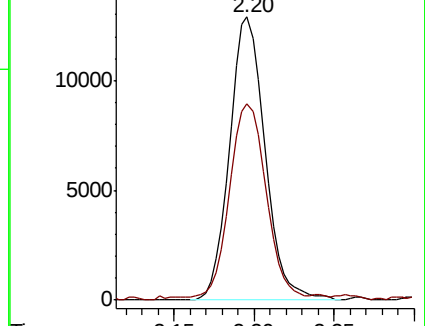
56 100

55 69.6 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU027942.D (-224) (-)



#14

Allyl chloride

Concen: 18.031 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

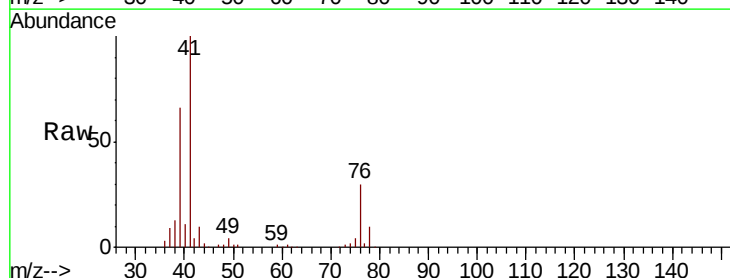
Tgt Ion: 41 Resp: 87023

Ion Ratio Lower Upper

41 100

39 62.2 51.9 77.9

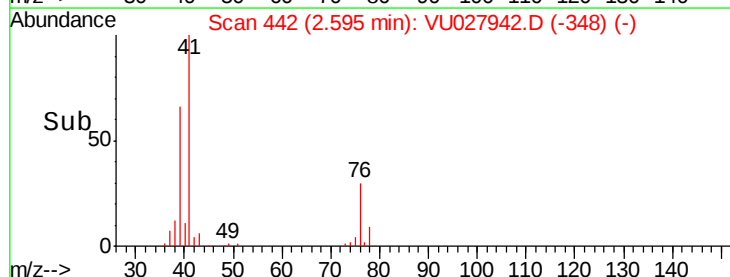
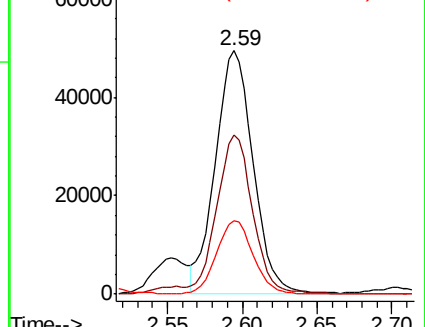
76 29.4 23.8 35.6

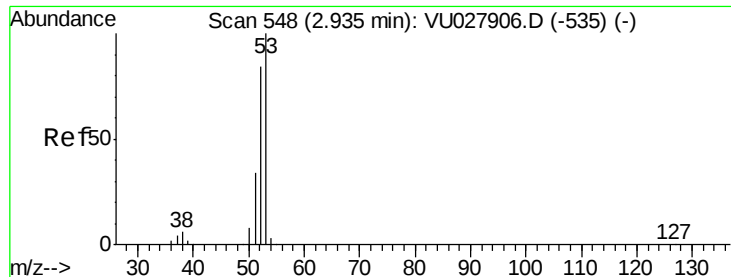


Abundance Ion 41.00 (40.70 to 41.70): VU027906.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU027942.D (-348) (-)

Ion 75.90 (75.60 to 76.60): VU027942.D (-348) (-)





#15

Acrylonitrile

Concen: 93.346 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

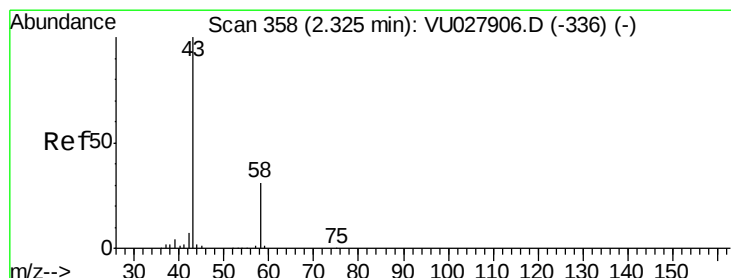
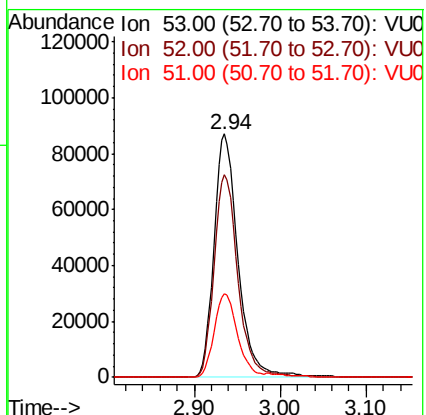
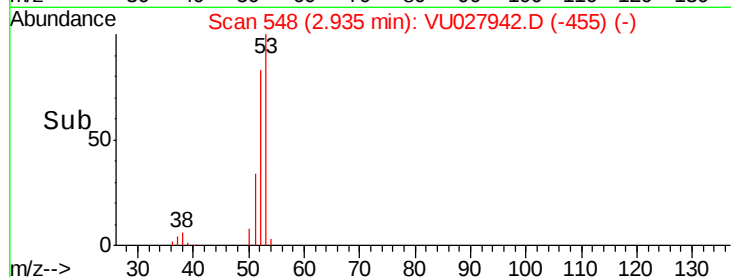
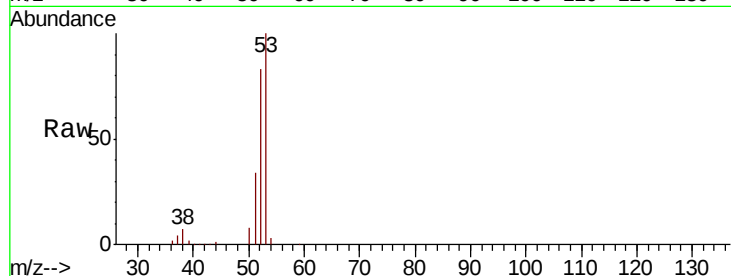
Tot Ion: 53 Resp: 170048

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.2

51 34.8 27.0 40.4



#16

Acetone

Concen: 99.632 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027942.D

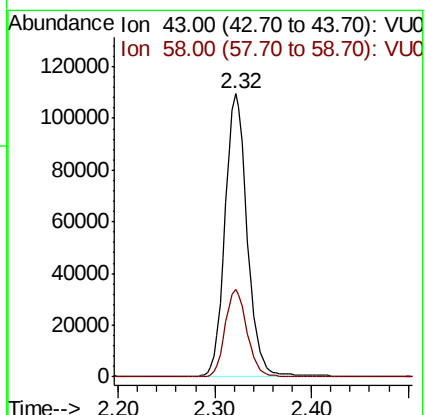
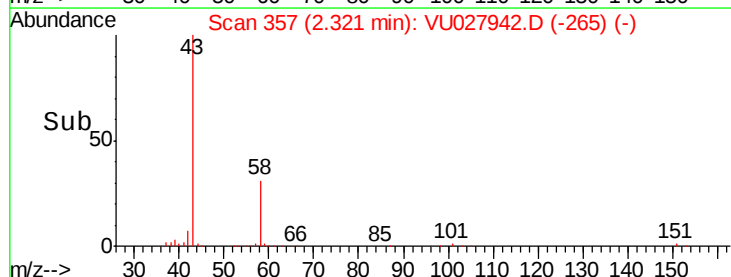
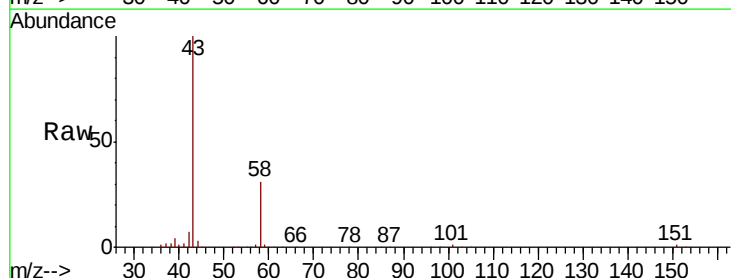
Acq: 05 Nov 2018 09:21

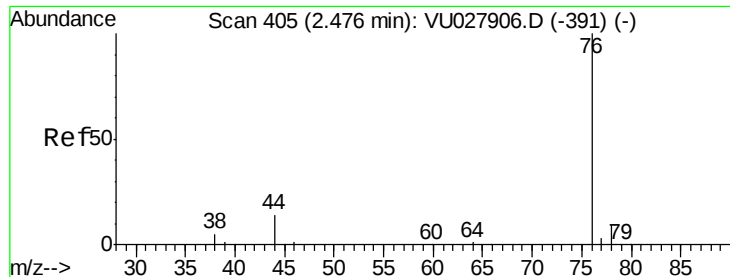
Tgt Ion: 43 Resp: 173167

Ion Ratio Lower Upper

43 100

58 30.8 24.6 37.0





#17

Carbon Disulfide

Concen: 17.709 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

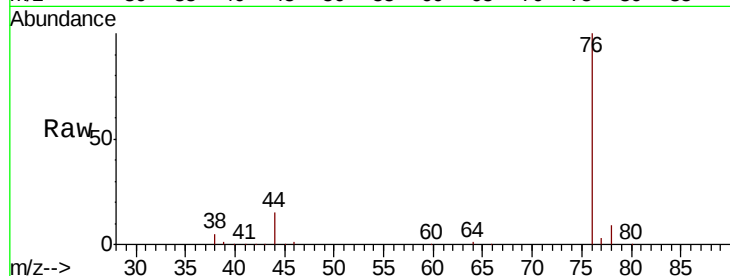
VU1105WBS01

Tot Ion: 76 Resp: 114306

Ion Ratio Lower Upper

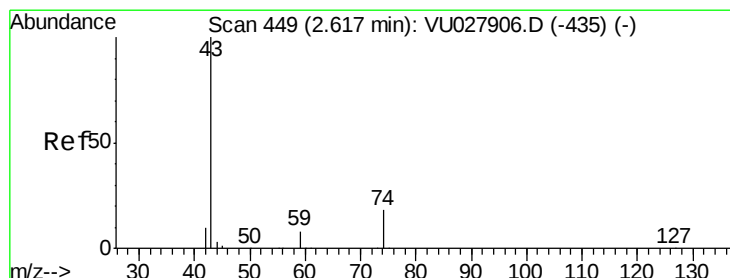
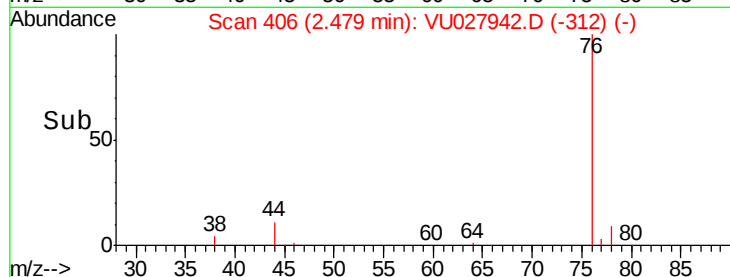
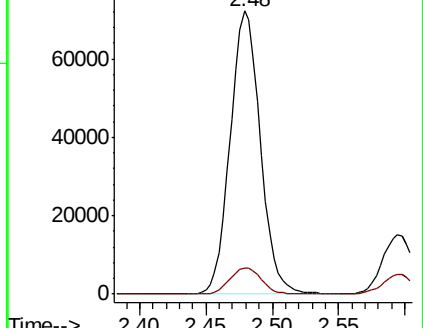
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VU027942.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VU027942.D (-391) (-)



#18

Methyl Acetate

Concen: 18.155 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027942.D

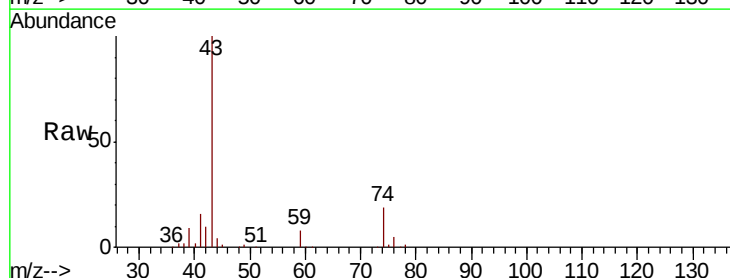
Acq: 05 Nov 2018 09:21

Tgt Ion: 43 Resp: 86804

Ion Ratio Lower Upper

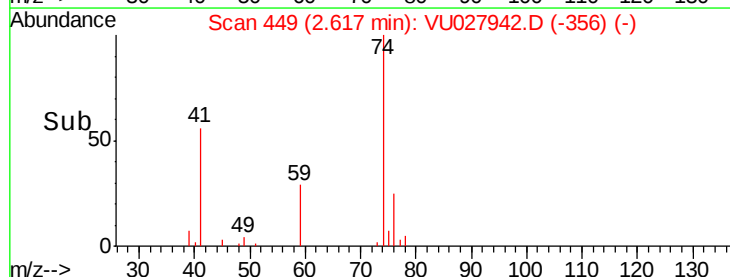
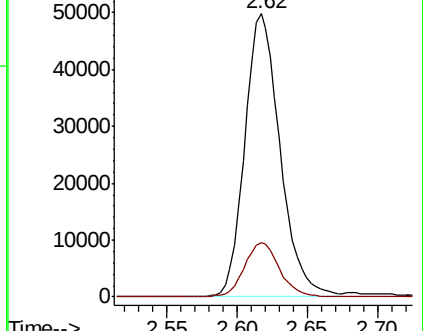
43 100

74 19.3 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU027942.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027942.D (-356) (-)

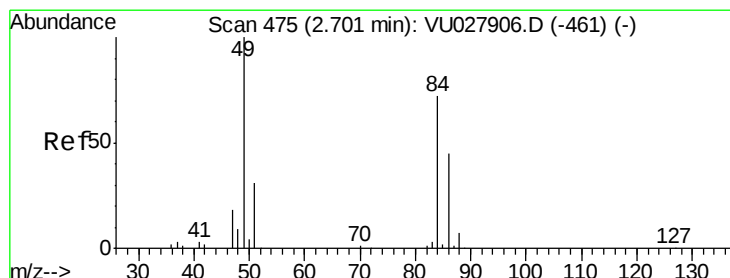
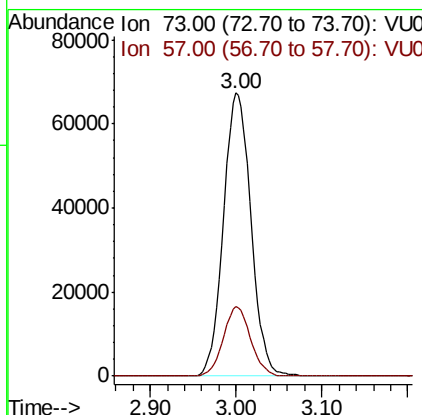
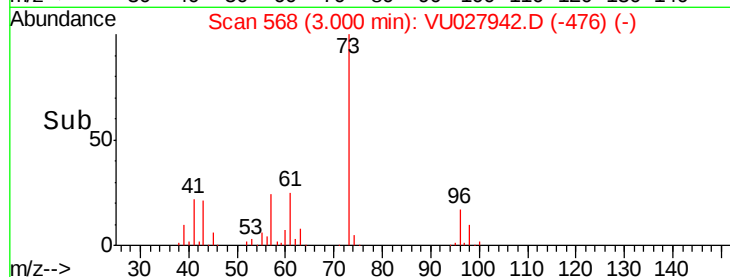
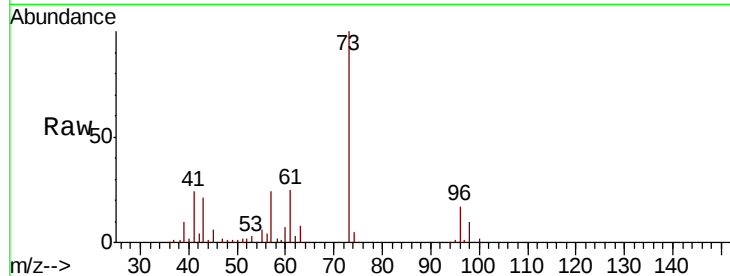




#19
Methvl tert-butvl Ether
Concen: 18.783 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

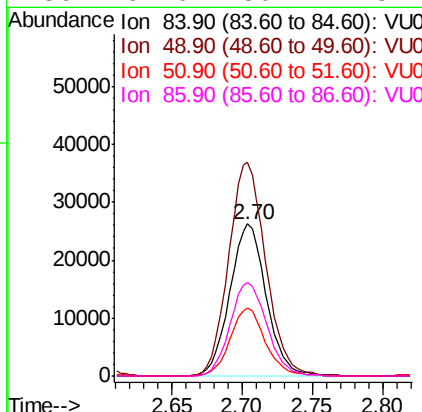
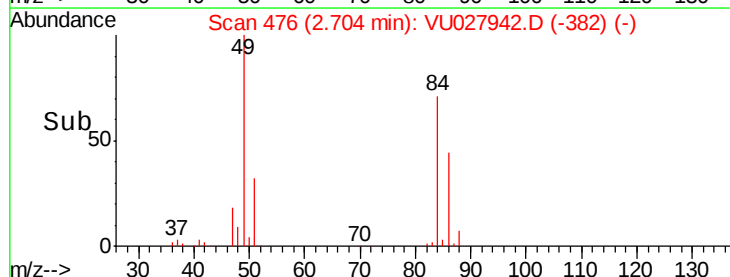
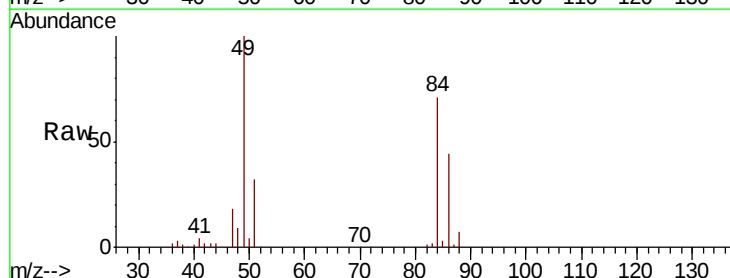
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

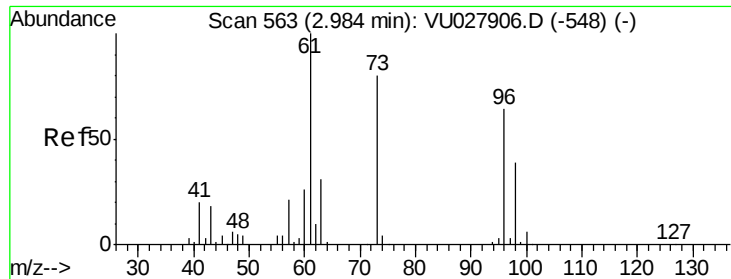
Tot Ion: 73 Resp: 149582
Ion Ratio Lower Upper
73 100
57 24.4 19.3 28.9



#20
Methylene Chloride
Concen: 18.698 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion: 84 Resp: 47449
Ion Ratio Lower Upper
84 100
49 140.5 111.6 167.4
51 45.0 34.8 52.2
86 61.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.096 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

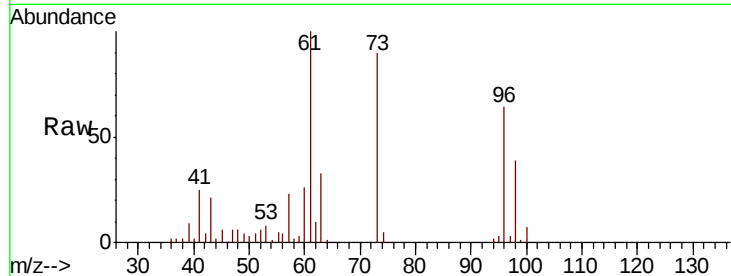
Tot Ion: 96 Resp: 41240

Ion Ratio Lower Upper

96 100

61 156.4 125.0 187.6

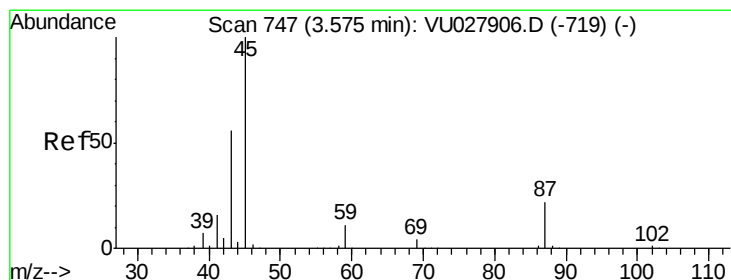
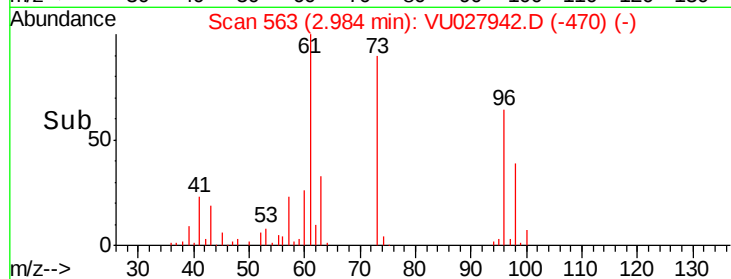
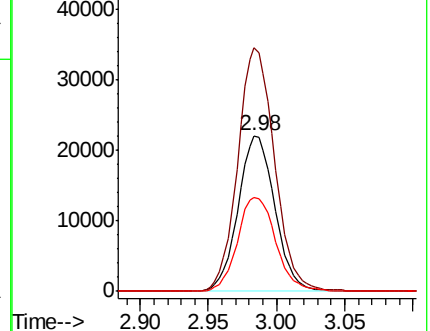
98 60.5 48.2 72.4



Abundance Ion 95.90 (95.60 to 96.60): VU027906.D (-548) (-)

Ion 60.90 (60.60 to 61.60): VU027906.D (-548) (-)

Ion 97.90 (97.60 to 98.60): VU027906.D (-548) (-)



#22

Diisopropyl ether

Concen: 18.941 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Tgt Ion: 45 Resp: 188733

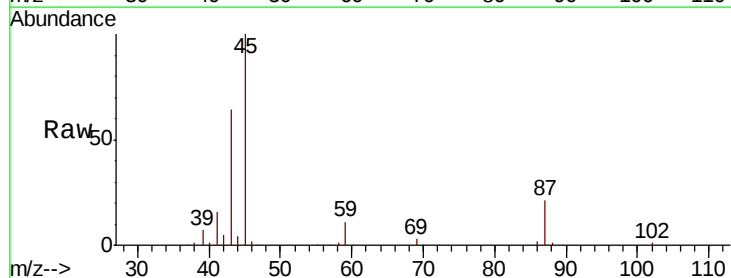
Ion Ratio Lower Upper

45 100

43 62.6 45.0 67.6

87 21.3 17.9 26.9

59 11.2 8.6 12.8

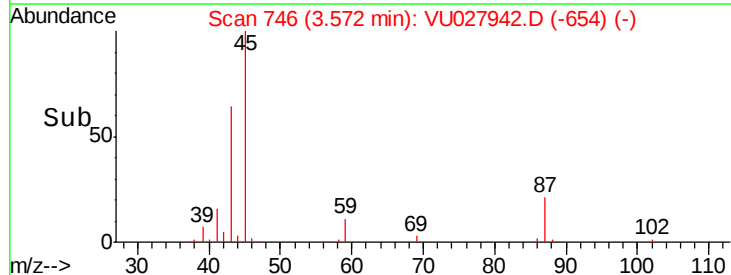
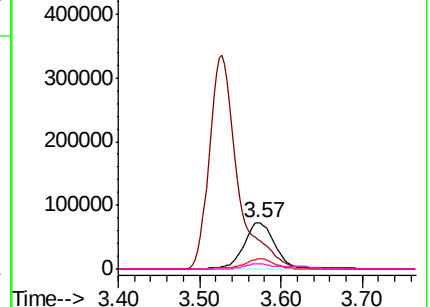


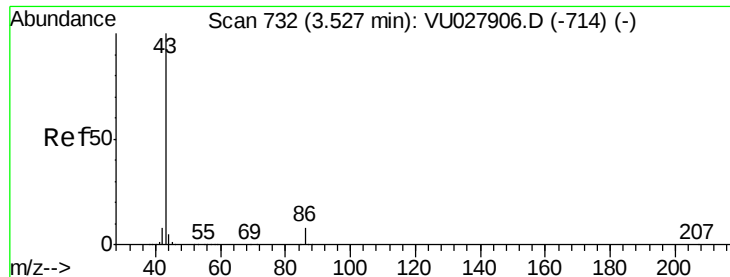
Abundance Ion 45.00 (44.70 to 45.70): VU027906.D (-719) (-)

Ion 43.00 (42.70 to 43.70): VU027906.D (-719) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-719) (-)

Ion 59.00 (58.70 to 59.70): VU027906.D (-719) (-)

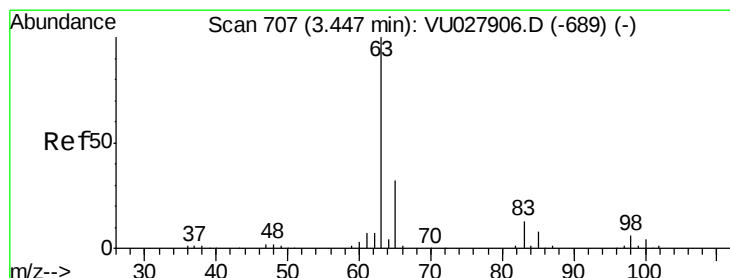
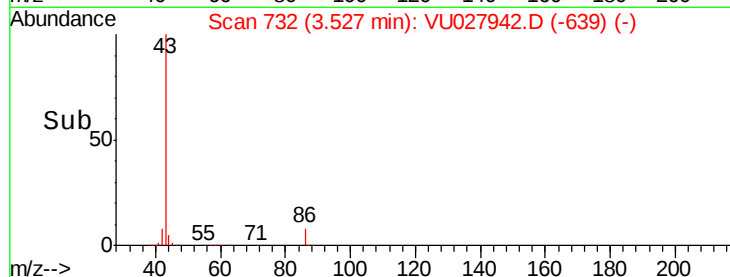
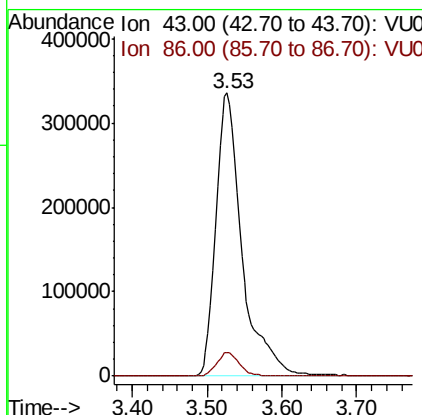
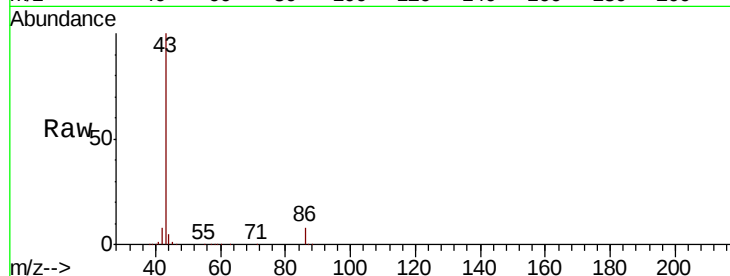




#23
 Vinyl Acetate
 Concen: 95.528 ug/l
 RT: 3.53 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

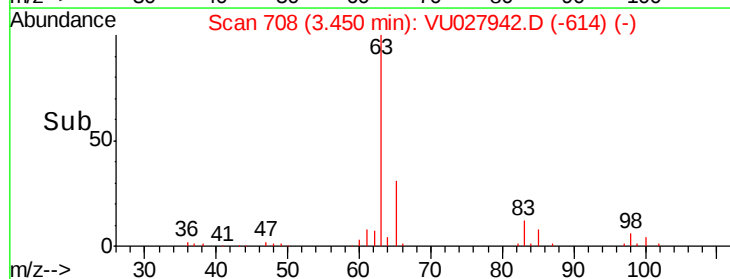
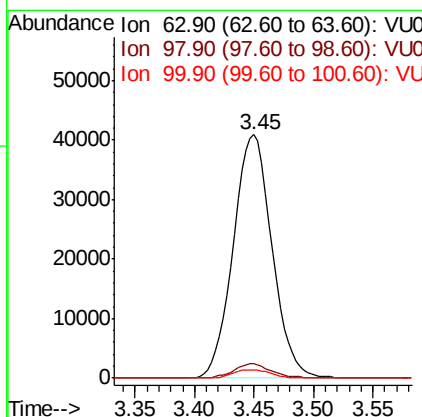
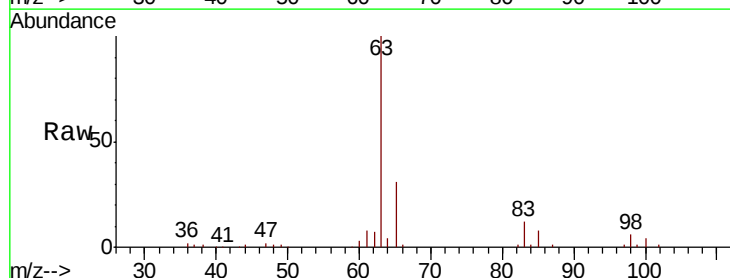
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Tot Ion: 43 Resp: 818060
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.6 9.8



#24
 1,1-Dichloroethane
 Concen: 18.593 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion: 63 Resp: 92282
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 3.5 2.0 6.0





#25

2-Butanone

Concen: 93.872 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

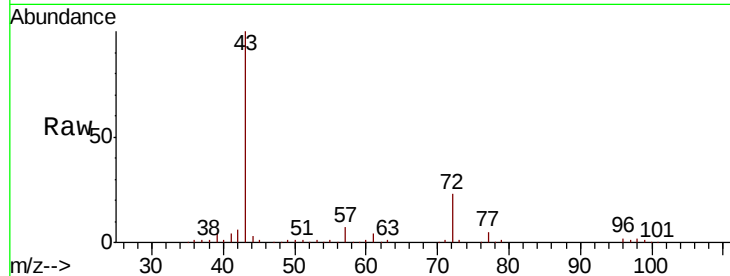
VU1105WBS01

Tot Ion: 43 Resp: 259565

Ion Ratio Lower Upper

43 100

72 22.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-934) (-)

Ion 72.00 (71.70 to 72.70): VU027906.D (-934) (-)

4.26

120000

100000

80000

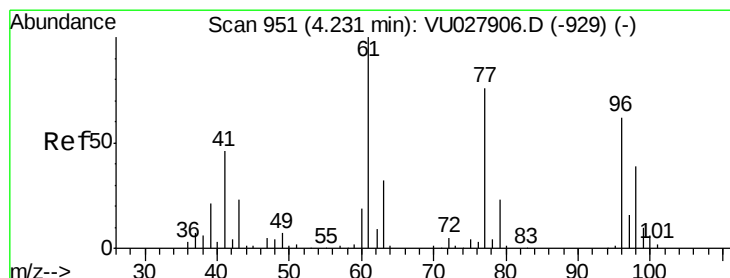
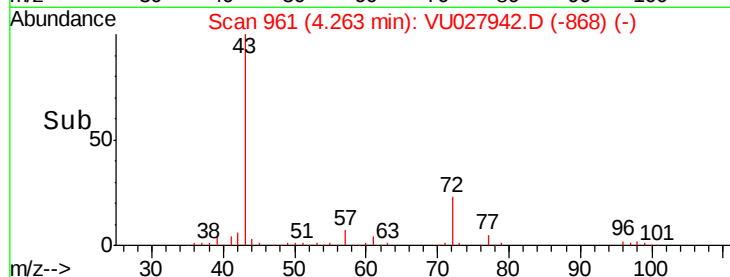
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 19.789 ug/l

RT: 4.23 min Scan# 951

Delta R.T. -0.00 min

Lab File: VU027942.D

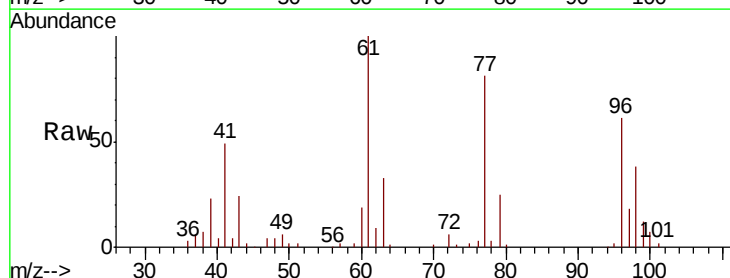
Acq: 05 Nov 2018 09:21

Tgt Ion: 77 Resp: 73706

Ion Ratio Lower Upper

77 100

97 21.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU027906.D (-929) (-)

Ion 96.90 (96.60 to 97.60): VU027906.D (-929) (-)

4.23

30000

25000

20000

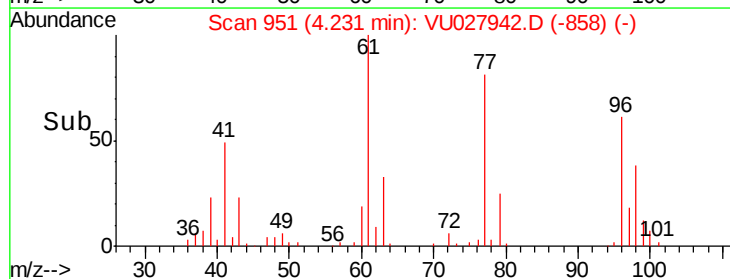
15000

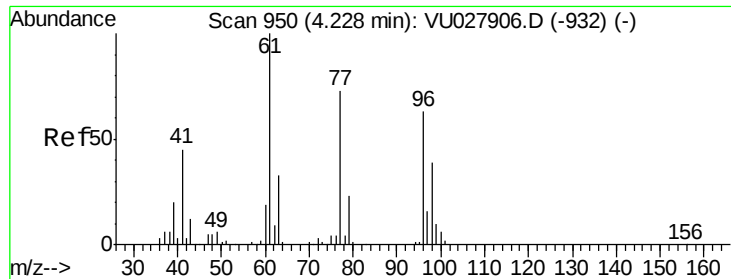
10000

5000

0

Time-->



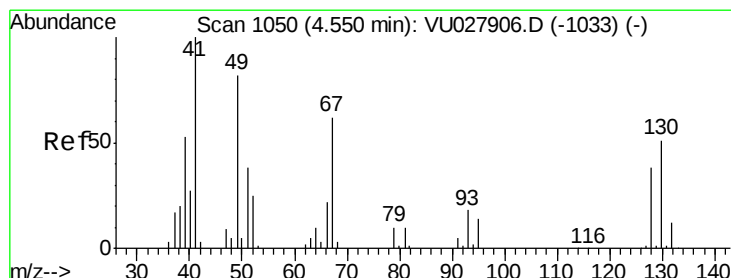
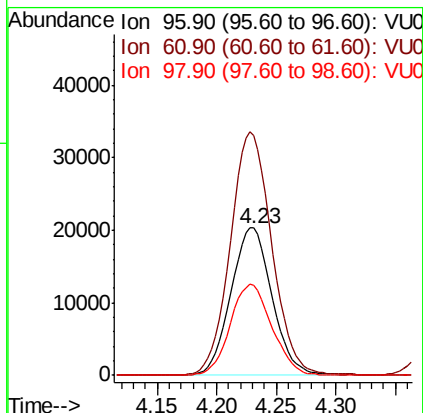
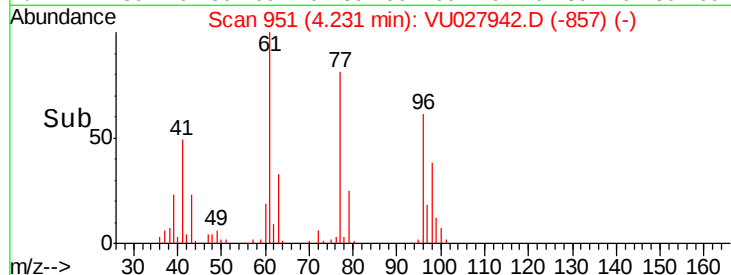
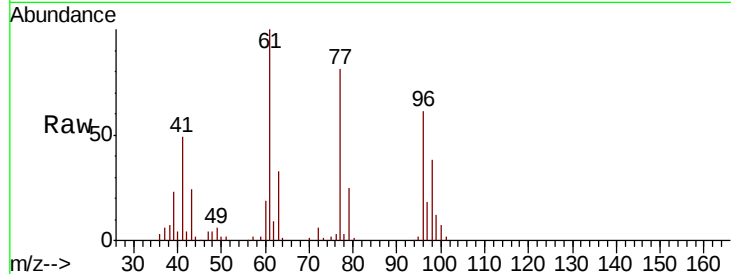


#27

cis-1,2-Dichloroethene
 Concen: 19.084 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

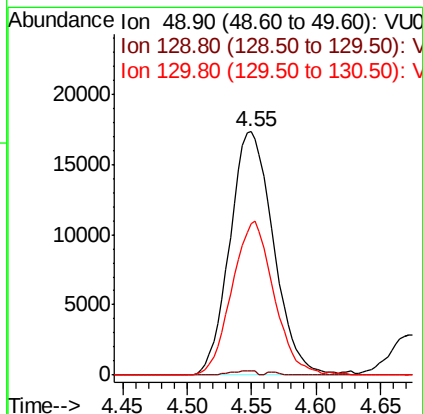
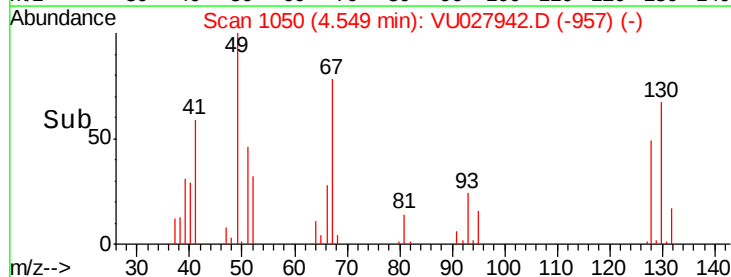
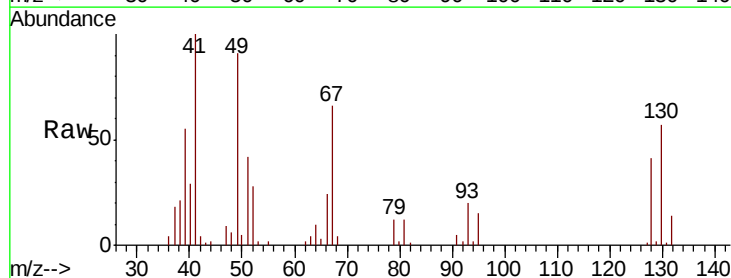
Tot Ion: 96 Resp: 48772
 Ion Ratio Lower Upper
 96 100
 61 165.7 0.0 329.6
 98 62.2 0.0 127.2

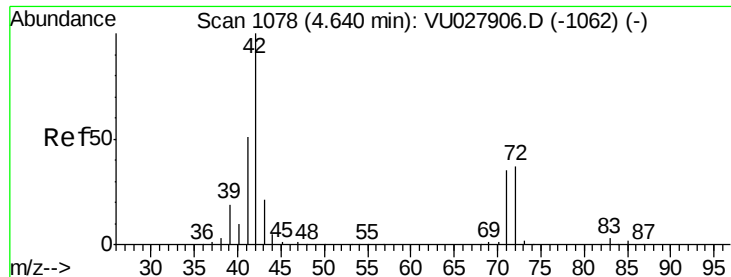


#28

Bromochloromethane
 Concen: 17.527 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion: 49 Resp: 40780
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.0
 130 60.7 47.8 71.6

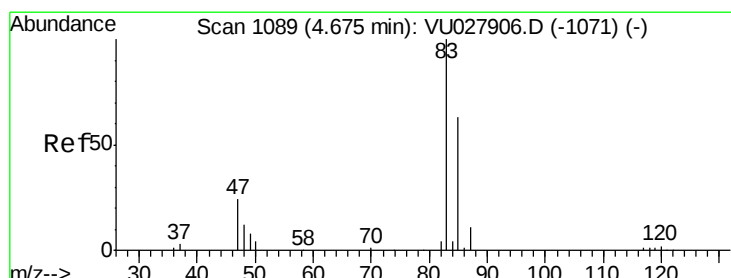
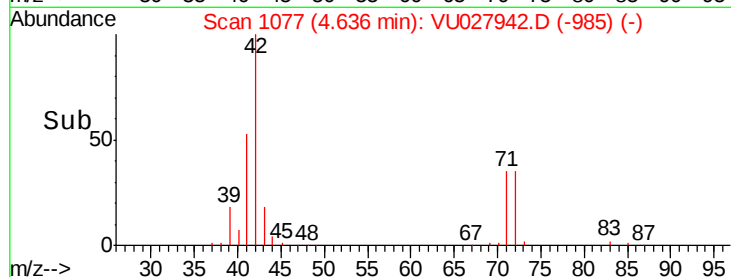
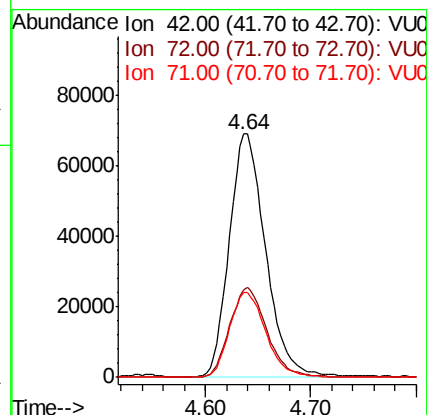
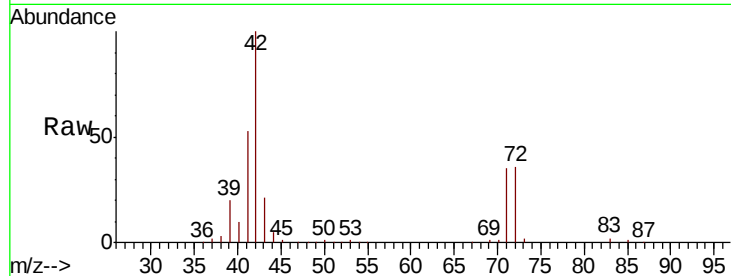




#29
Tetrahydrofuran
Concen: 89.713 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

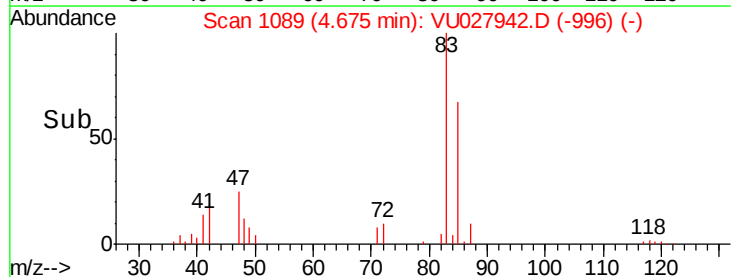
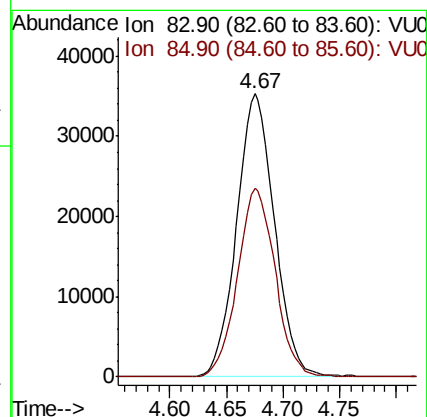
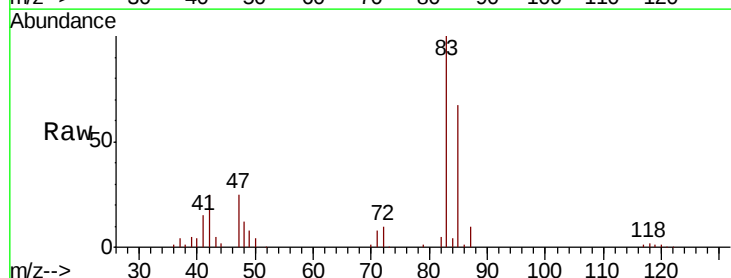
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

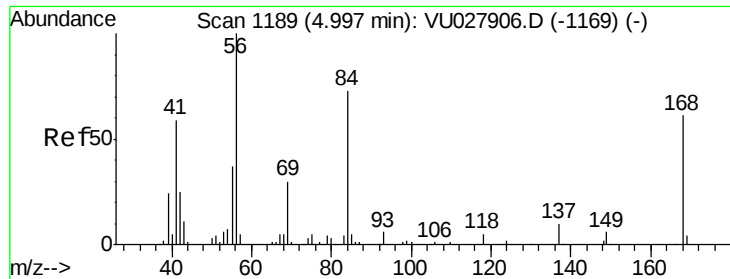
Tot Ion: 42 Resp: 165643
Ion Ratio Lower Upper
42 100
72 37.7 29.4 44.0
71 34.9 27.9 41.9



#30
Chloroform
Concen: 18.058 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion: 83 Resp: 82179
Ion Ratio Lower Upper
83 100
85 66.8 50.6 76.0

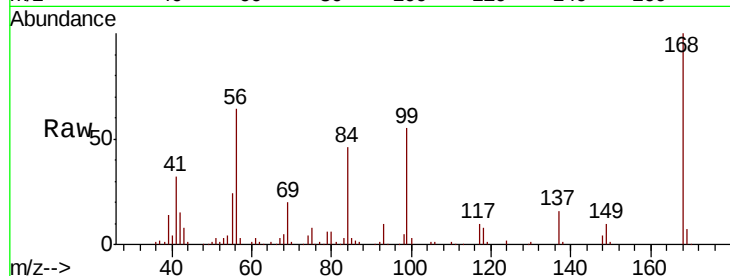




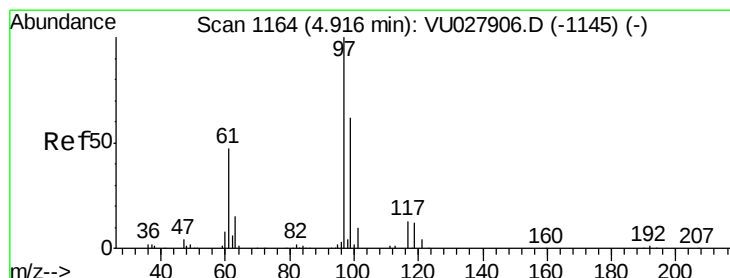
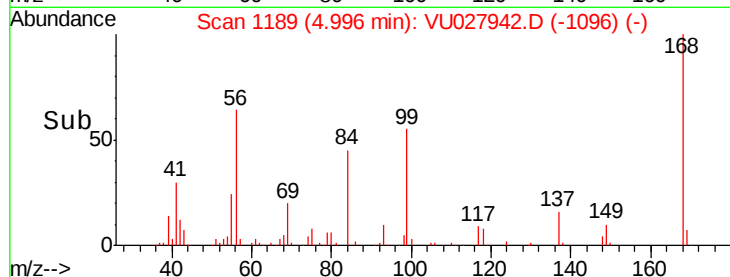
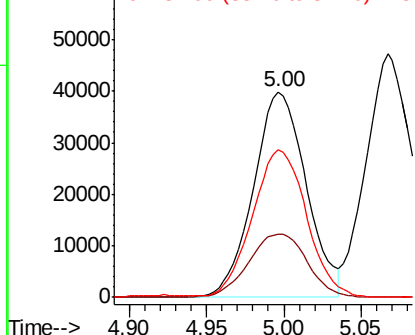
#31
Cyclohexane
Concen: 18.400 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tot Ion: 56 Resp: 94817
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 70.8 58.2 87.4

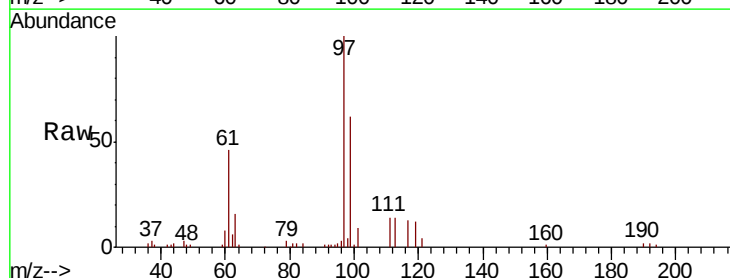


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

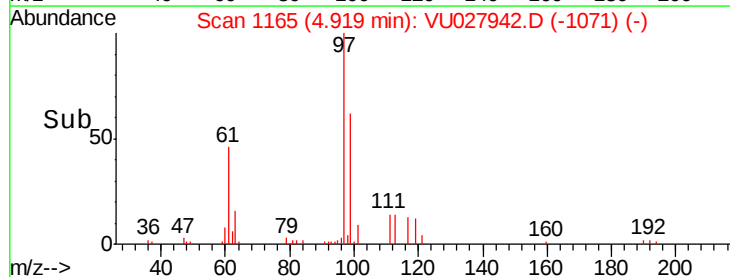
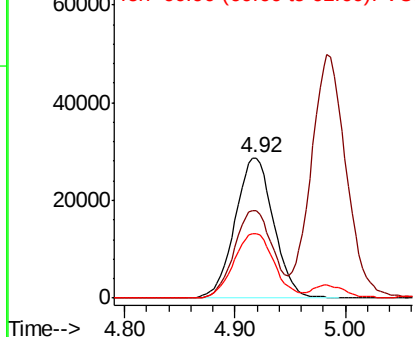


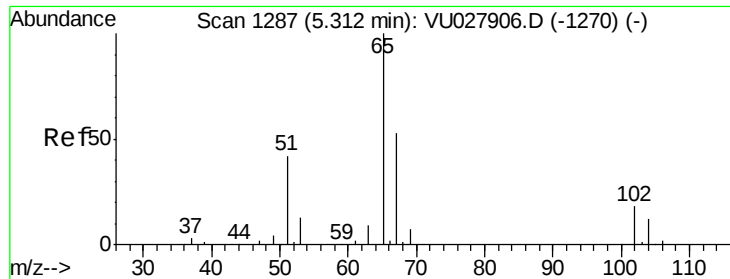
#32
1,1,1-Trichloroethane
Concen: 19.244 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion: 97 Resp: 69713
Ion Ratio Lower Upper
97 100
99 62.0 50.5 75.7
61 47.9 38.3 57.5



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

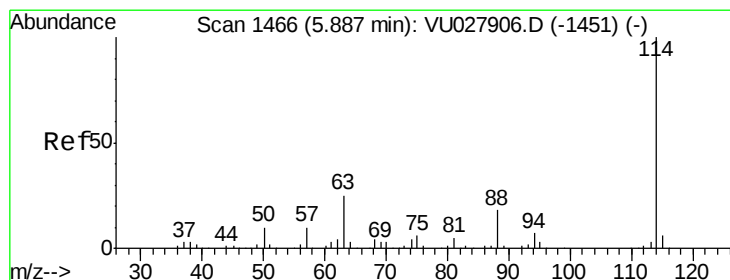
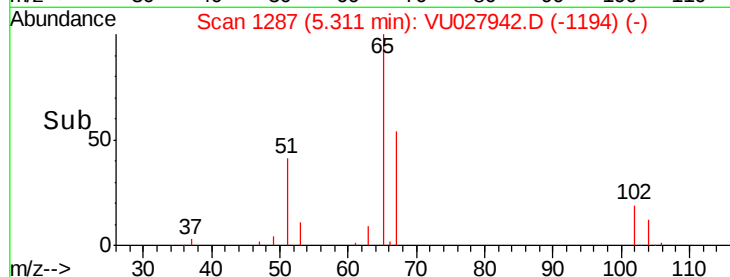
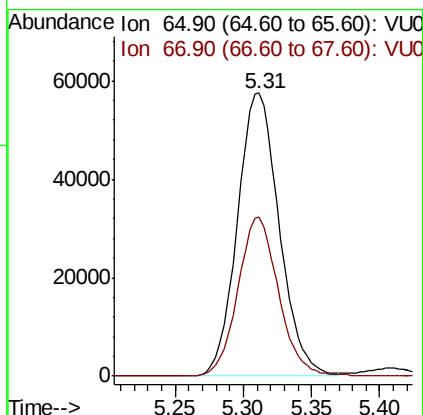
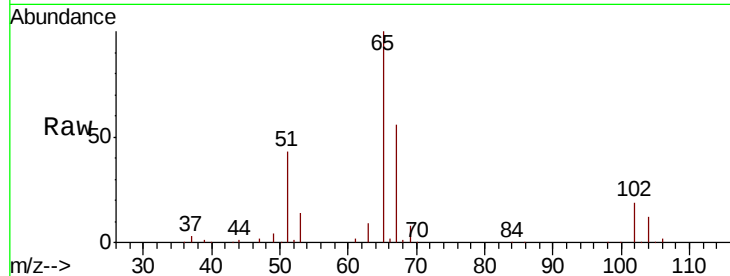




#33
 1,2-Dichloroethane-d4
 Concen: 43.738 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

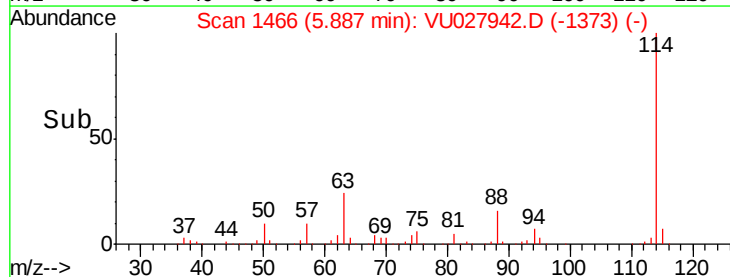
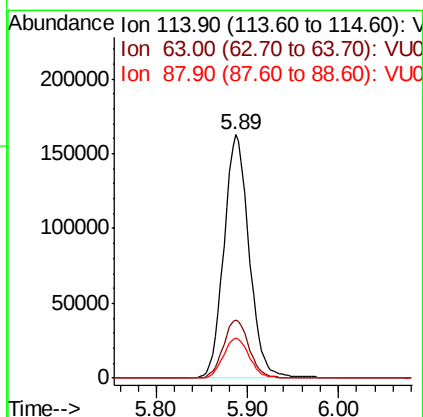
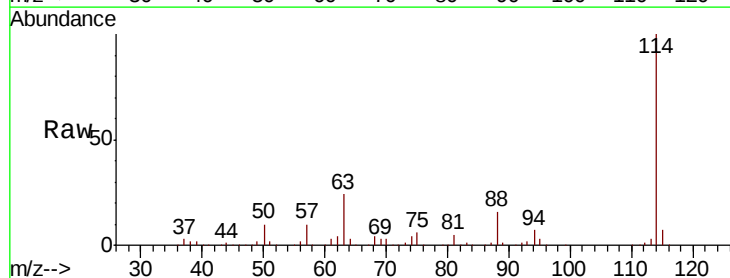
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

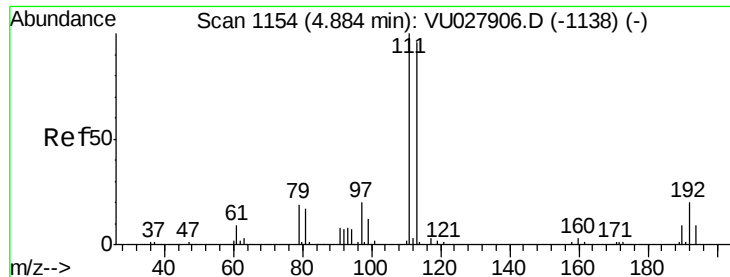
Tot Ion: 65 Resp: 122525
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion: 114 Resp: 314577
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.8
 88 16.4 0.0 35.8

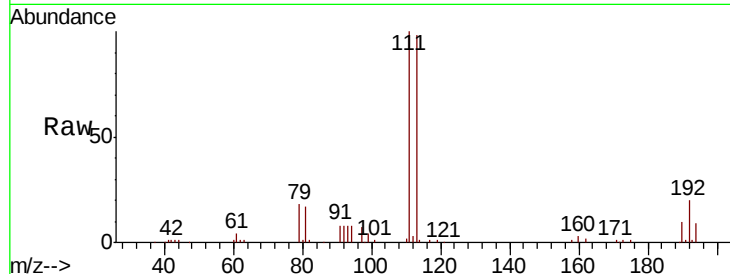




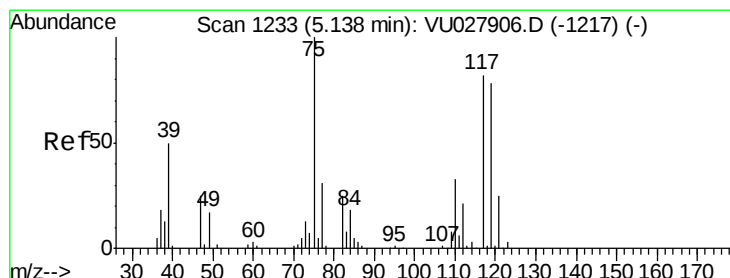
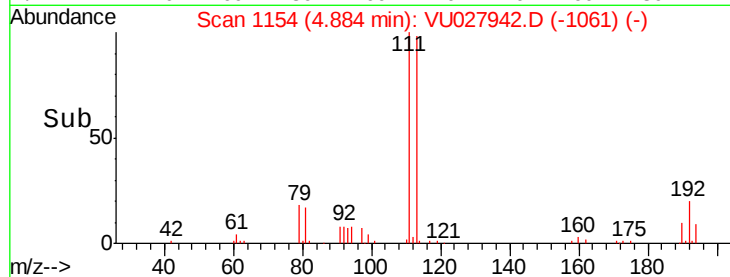
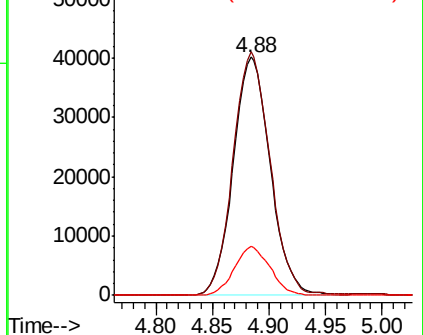
#35
 Dibromofluoromethane
 Concen: 46.132 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Tot Ion:113 Resp: 91501
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.6
 192 19.8 15.6 23.4

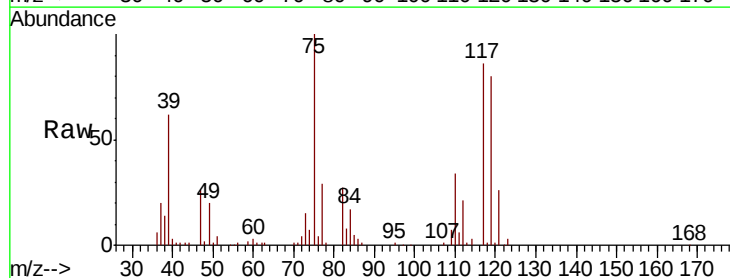


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

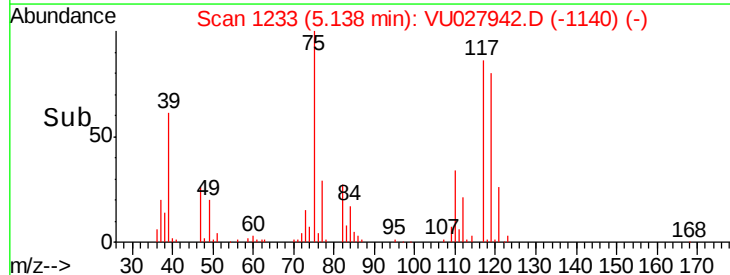
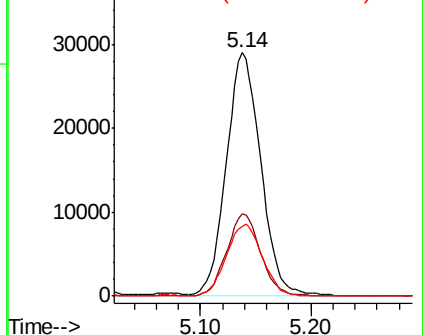


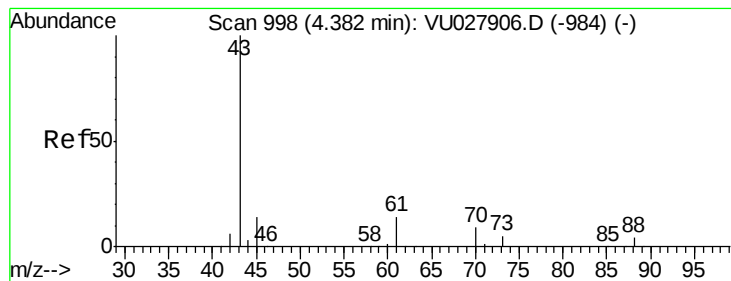
#36
 1,1-Dichloropropene
 Concen: 19.115 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion: 75 Resp: 62978
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.5 49.5
 77 30.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 18.926 ug/l

RT: 4.38 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

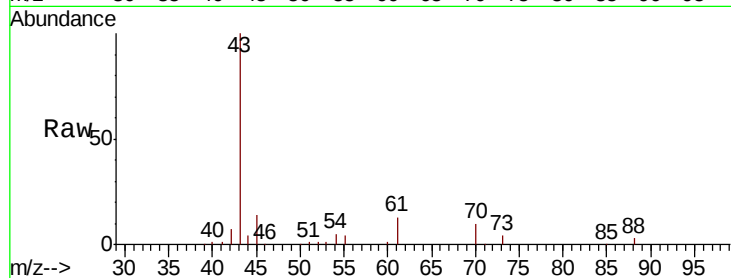
Tot Ion: 43 Resp: 91363

Ion Ratio Lower Upper

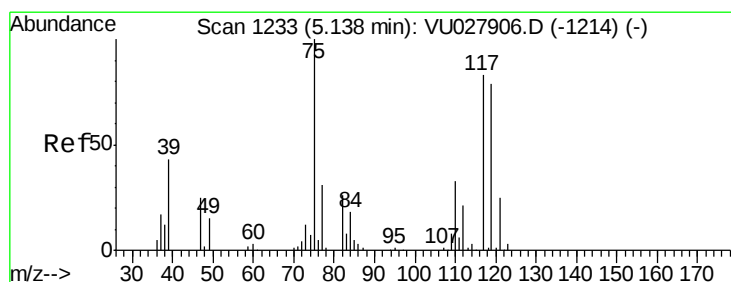
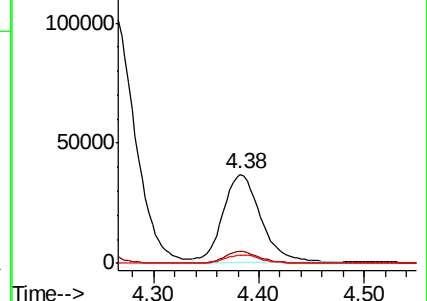
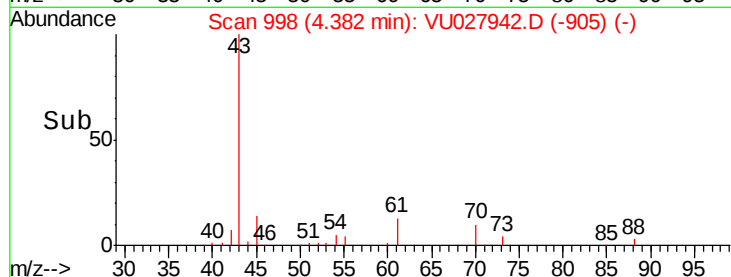
43 100

61 12.7 10.3 15.5

70 9.6 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VU027942.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 19.618 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

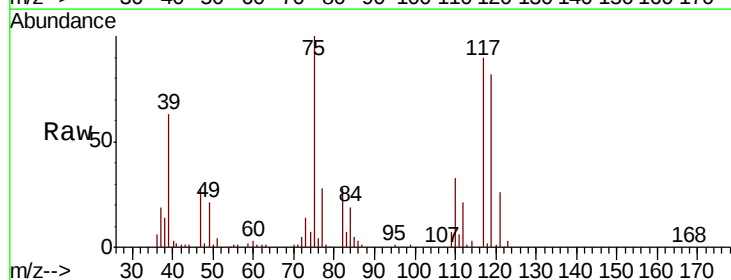
Tgt Ion: 117 Resp: 57279

Ion Ratio Lower Upper

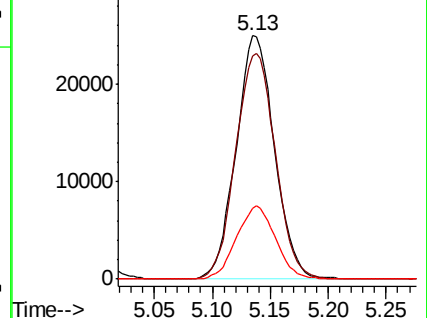
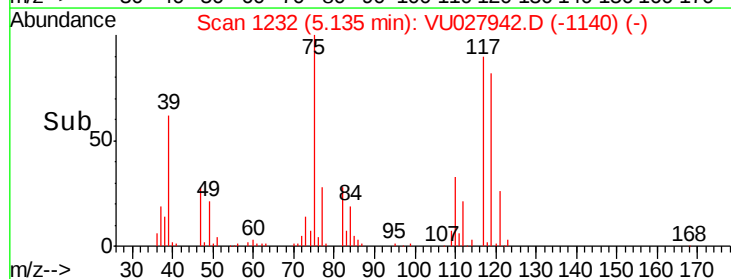
117 100

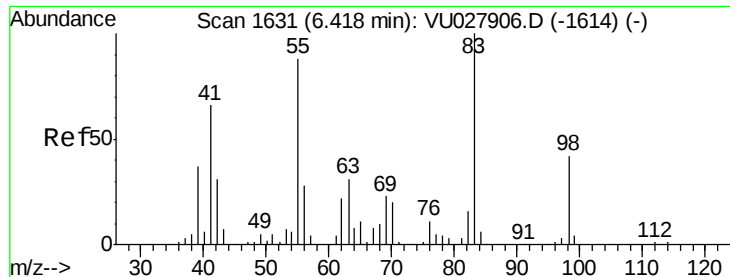
119 91.6 76.0 114.0

121 29.1 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): VU027942.D (-1140) (-)

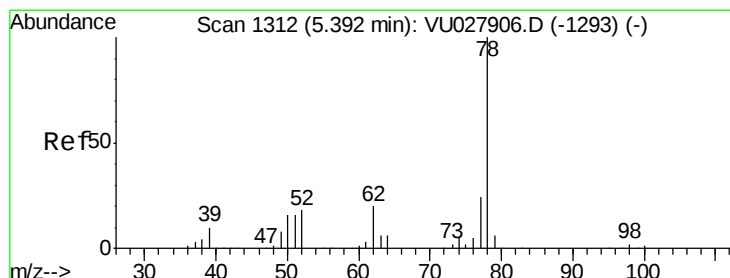
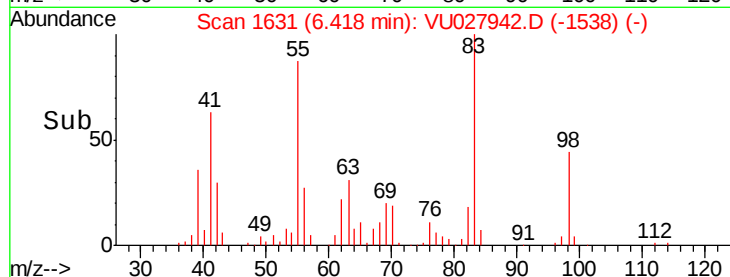
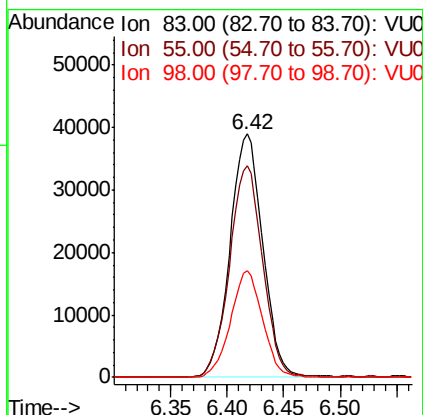
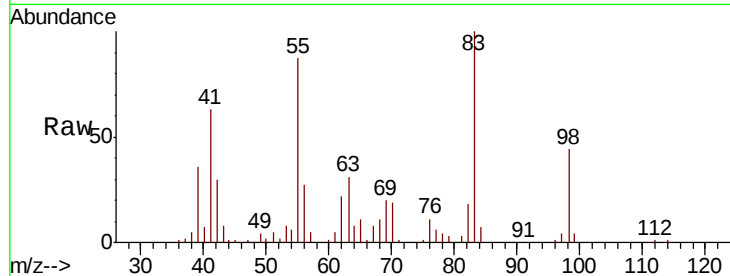




#39
Methvlcvclohexane
Concen: 19.807 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

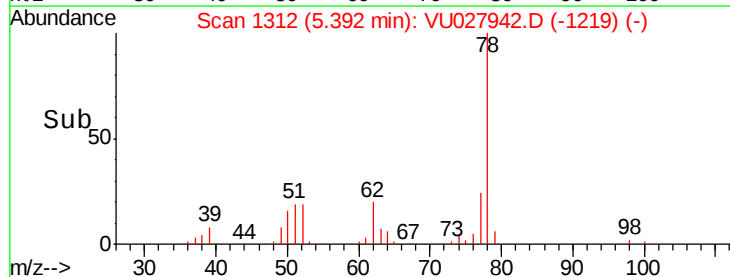
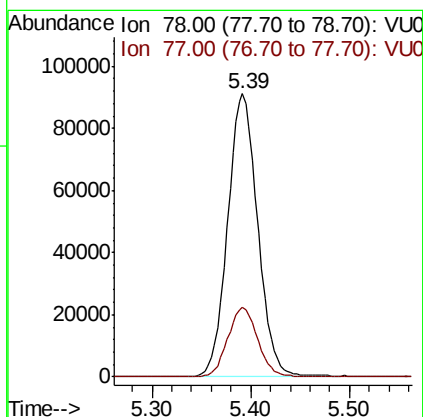
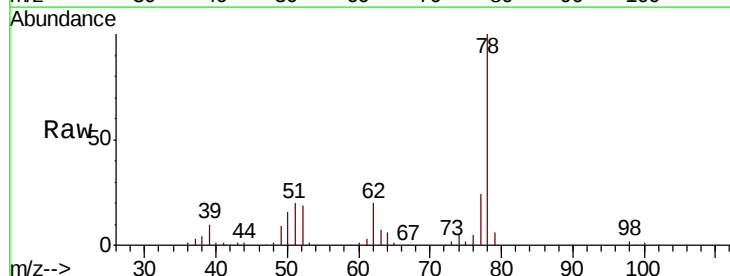
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

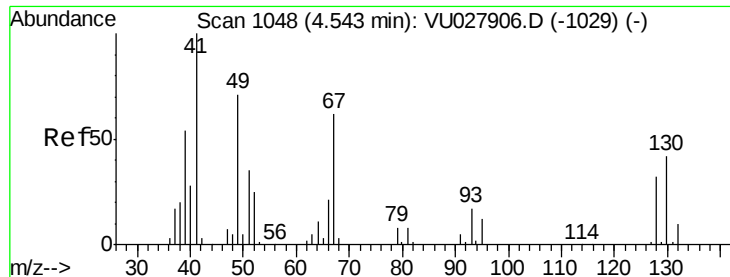
Tot Ion: 83 Resp: 78707
Ion Ratio Lower Upper
83 100
55 86.7 70.3 105.5
98 43.8 34.0 51.0



#40
Benzene
Concen: 19.247 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion: 78 Resp: 193881
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

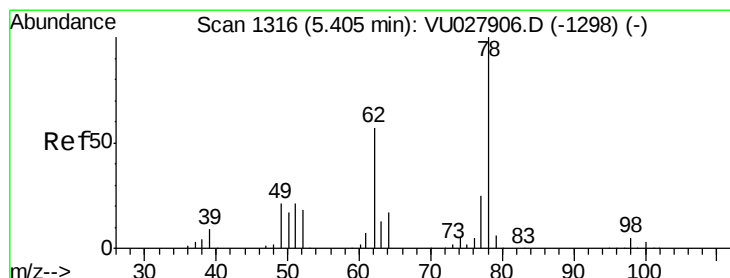
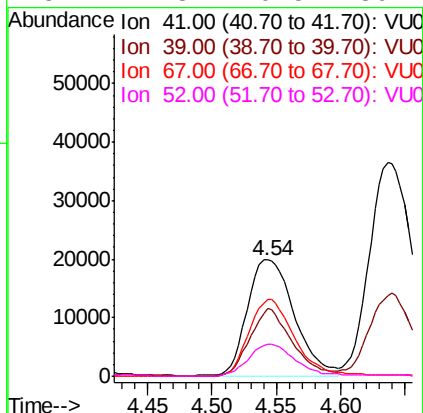
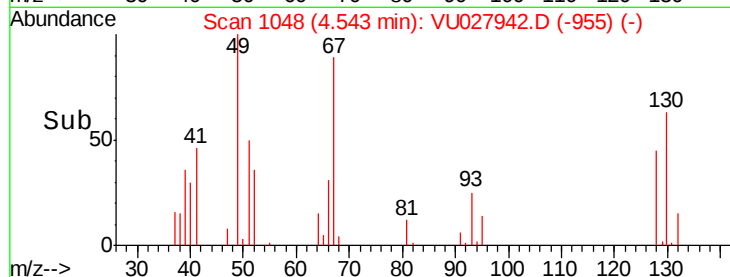
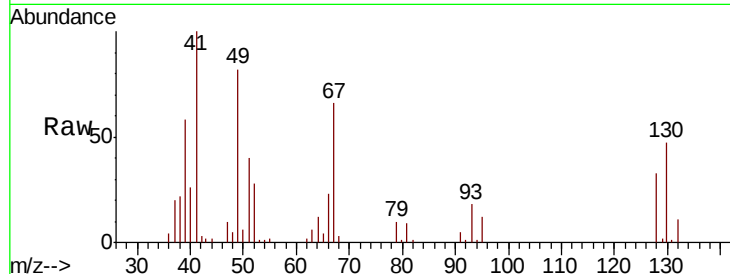




#41
Methacrylonitrile
Concen: 19.745 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

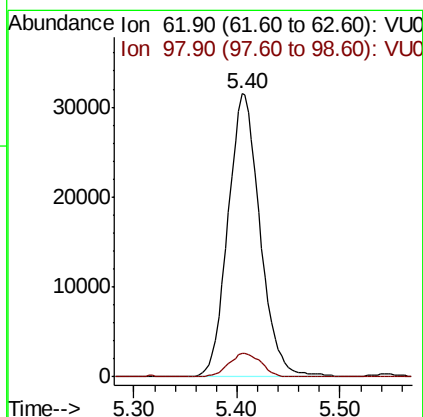
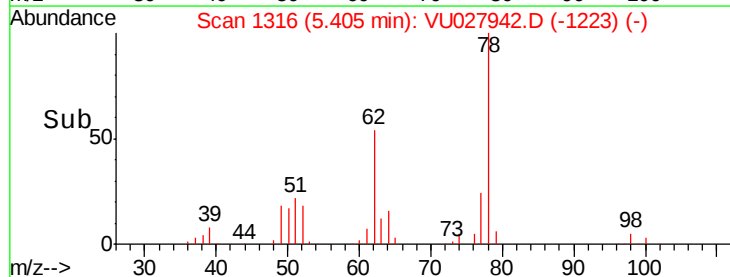
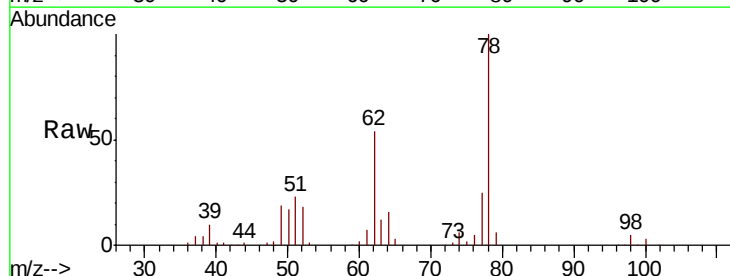
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

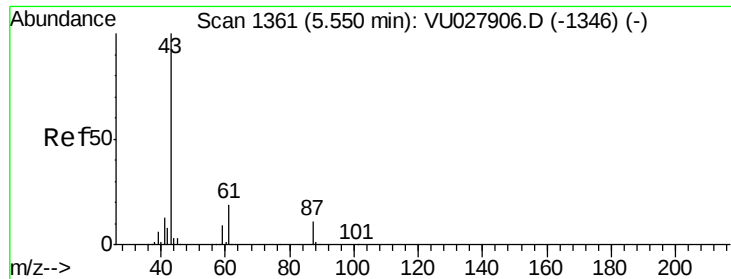
Tot Ion:	41	Resp:	50867
Ion	Ratio	Lower	Upper
41	100		
39	51.2	42.2	63.4
67	63.5	49.5	74.3
52	27.8	20.5	30.7



#42
1,2-Dichloroethane
Concen: 19.065 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion:	62	Resp:	68263
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 18.847 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

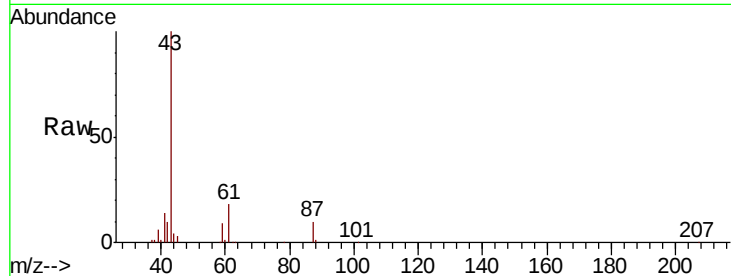
Tot Ion: 43 Resp: 142543

Ion Ratio Lower Upper

43 100

61 18.9 15.0 22.4

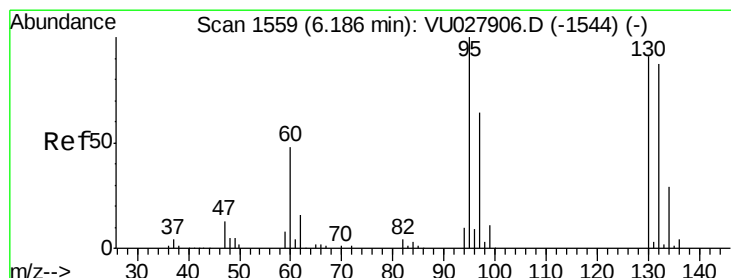
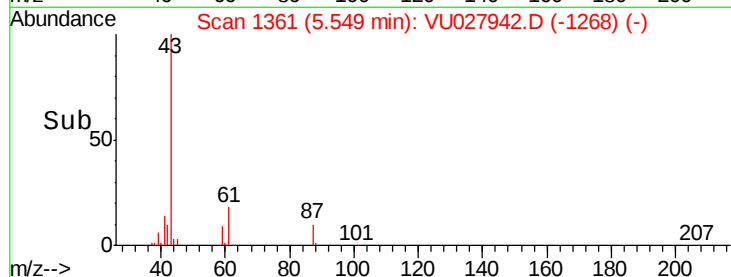
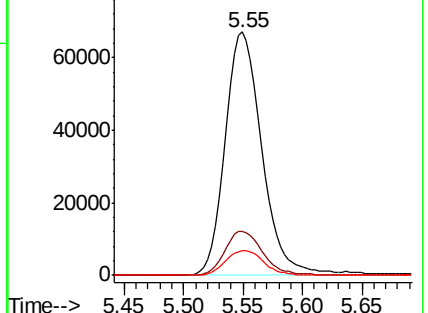
87 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



#44

Trichloroethene

Concen: 19.762 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027942.D

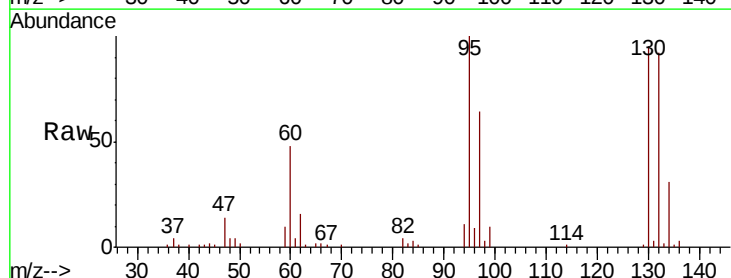
Acq: 05 Nov 2018 09:21

Tgt Ion:130 Resp: 42790

Ion Ratio Lower Upper

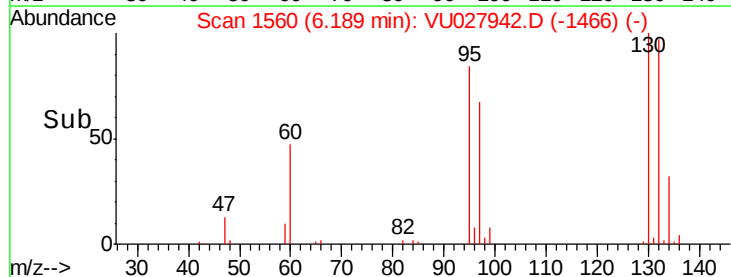
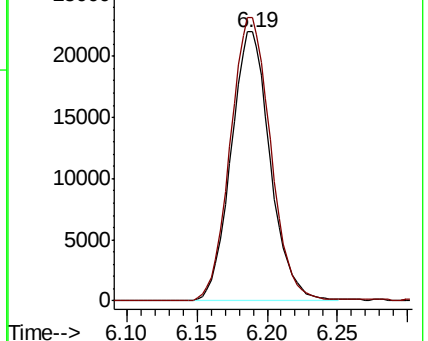
130 100

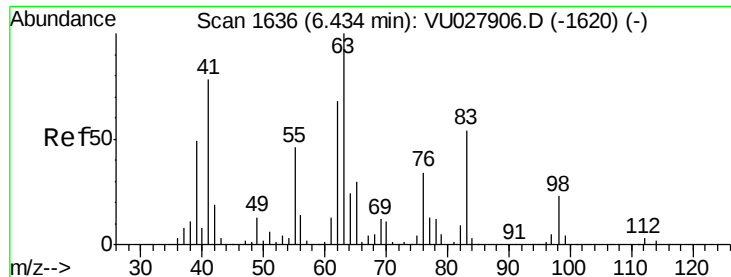
95 105.2 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): VU027906.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU027906.D (-1544) (-)





#45

1,2-Dichloropropane

Concen: 19.703 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

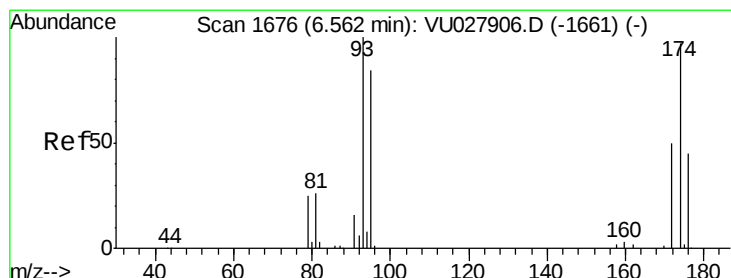
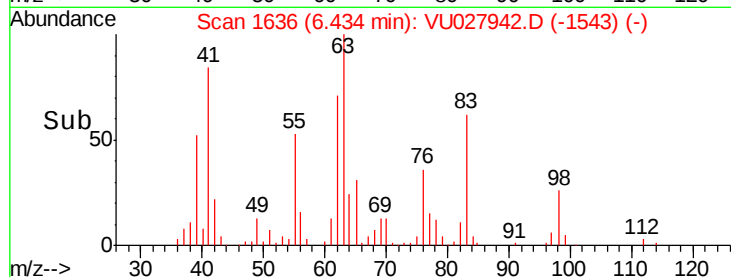
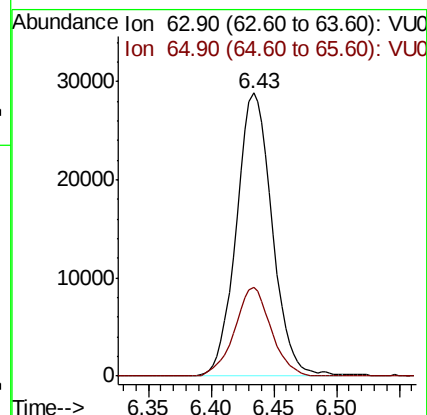
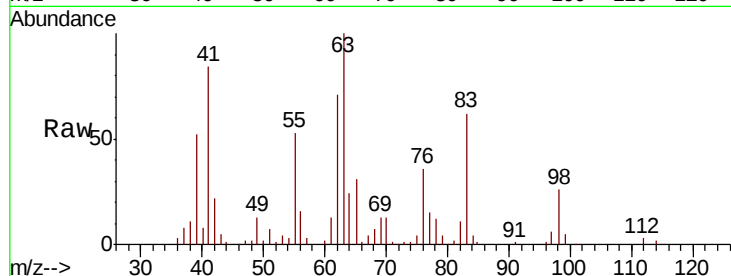
VU1105WBS01

Tot Ion: 63 Resp: 57239

Ion Ratio Lower Upper

63 100

65 31.2 24.4 36.6



#46

Dibromomethane

Concen: 19.422 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

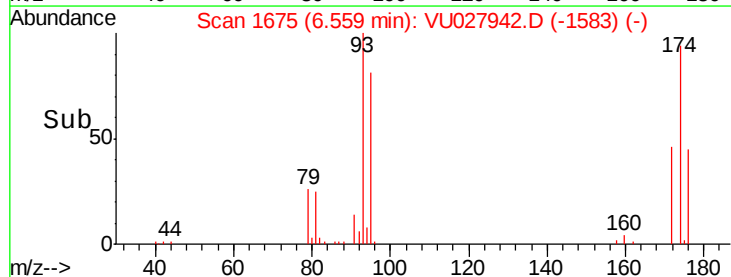
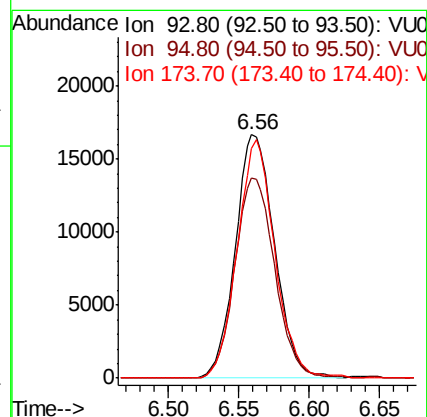
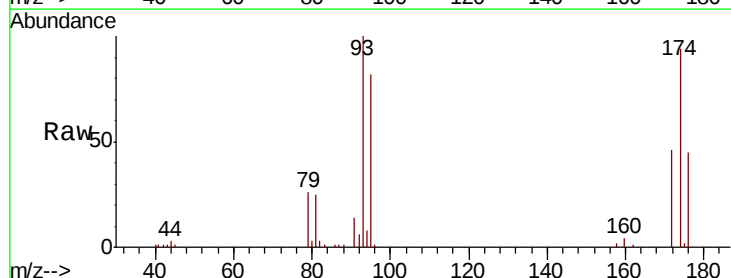
Tgt Ion: 93 Resp: 32431

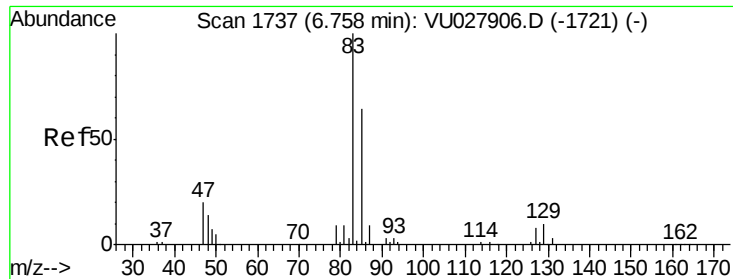
Ion Ratio Lower Upper

93 100

95 83.4 68.5 102.7

174 94.1 76.1 114.1

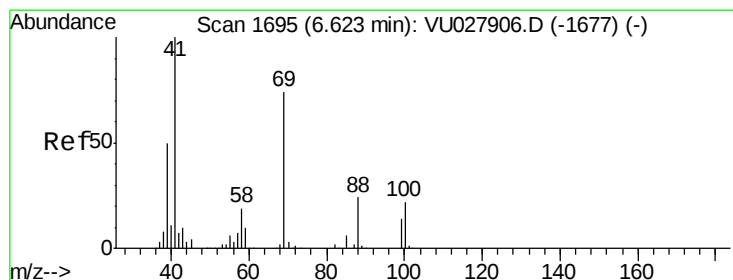
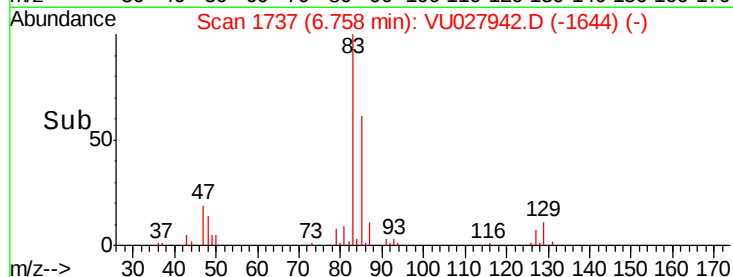
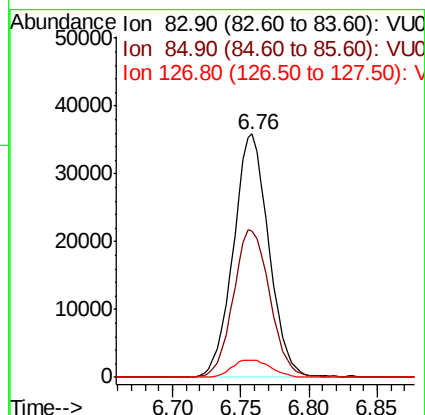
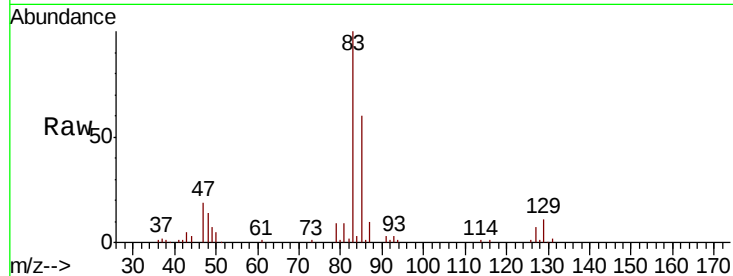




#47
 Bromodichloromethane
 Concen: 20.123 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

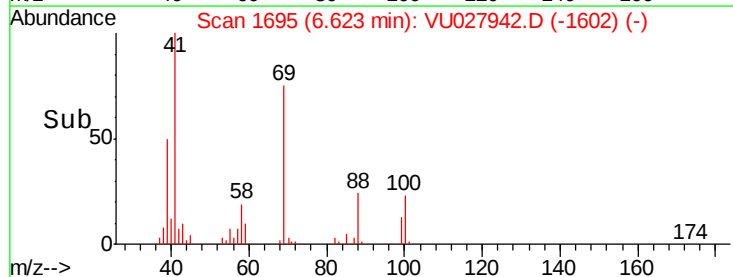
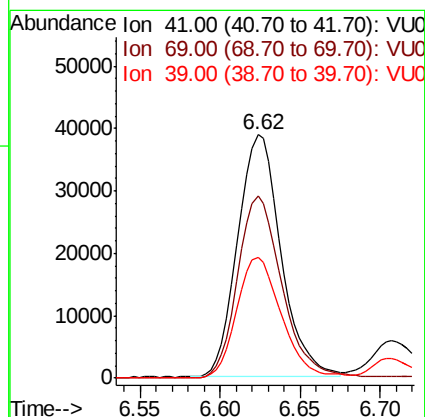
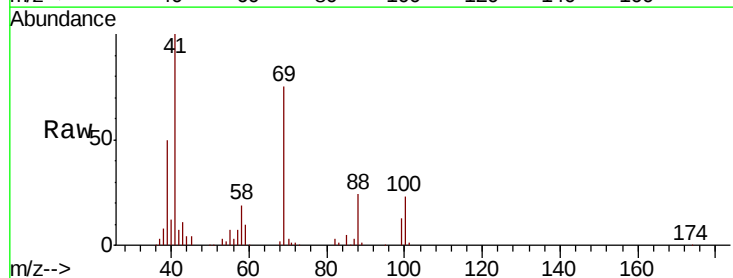
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Tot Ion: 83 Resp: 64753
 Ion Ratio Lower Upper
 83 100
 85 60.3 51.0 76.6
 127 7.3 6.2 9.4



#48
 Methyl methacrylate
 Concen: 19.410 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion: 41 Resp: 71939
 Ion Ratio Lower Upper
 41 100
 69 77.1 59.8 89.8
 39 51.5 40.0 60.0

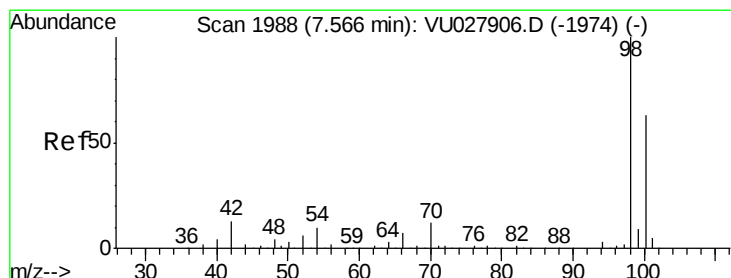
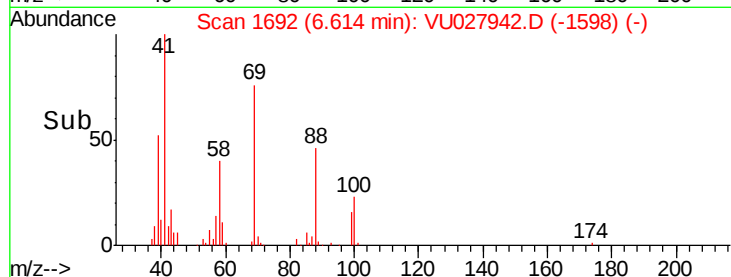
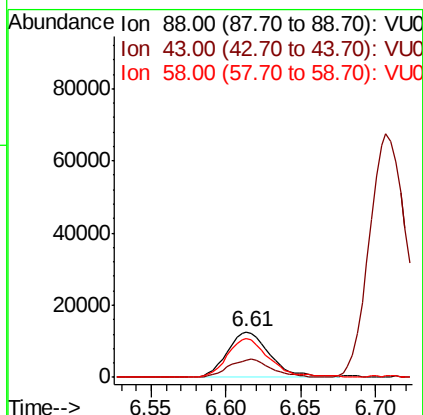
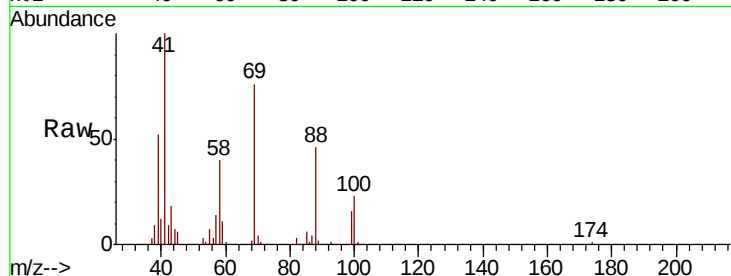




#49
1,4-Dioxane
Concen: 413.558 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

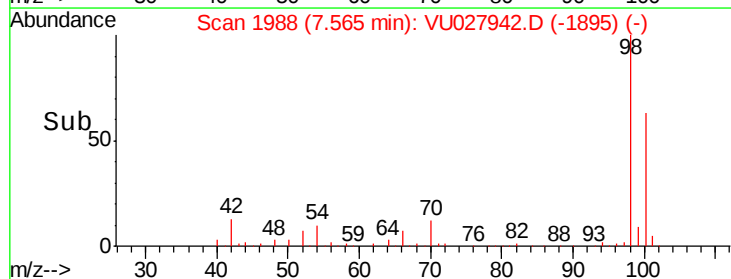
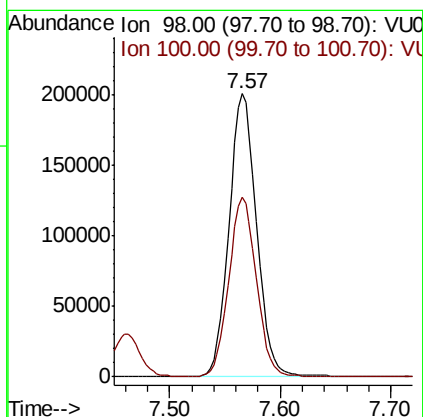
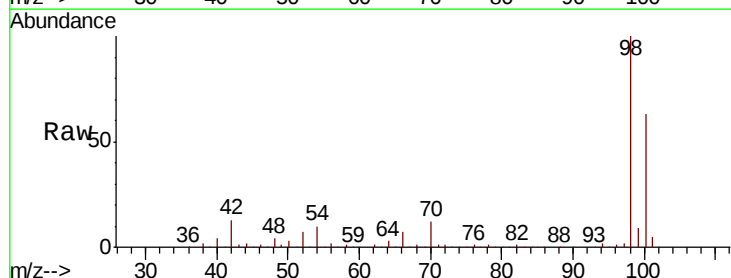
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

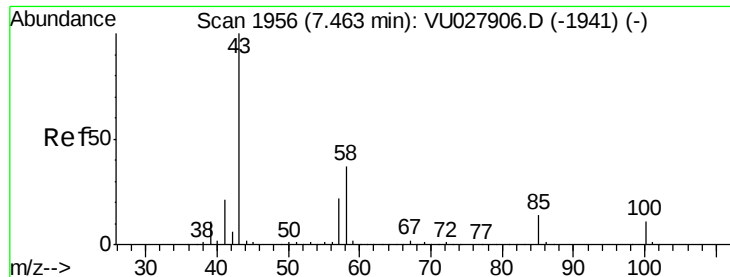
Tot Ion: 88 Resp: 25007
Ion Ratio Lower Upper
88 100
43 38.0 30.5 45.7
58 82.9 67.1 100.7



#50
Toluene-d8
Concen: 45.415 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion: 98 Resp: 347968
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 95.381 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

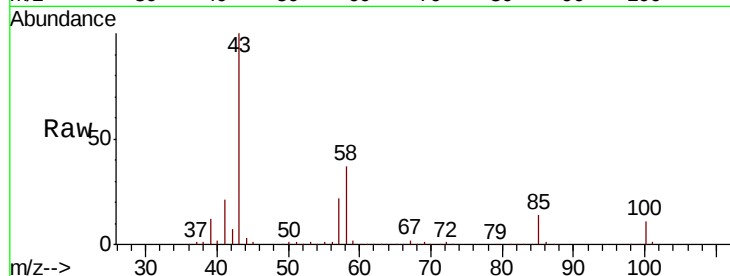
VU1105WBS01

Tot Ion: 43 Resp: 481762

Ion Ratio Lower Upper

43 100

58 36.6 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1941) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-1941) (-)

7.46

300000

250000

200000

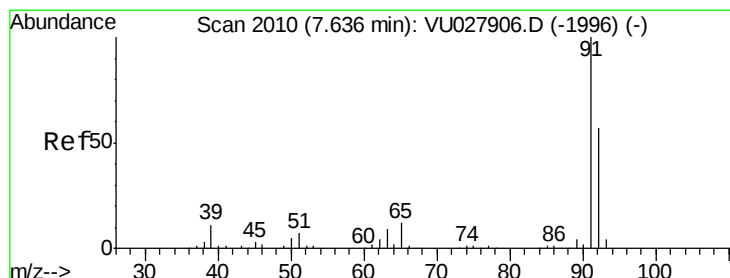
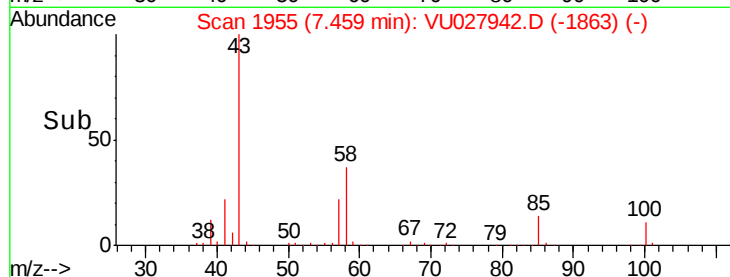
150000

100000

50000

0

Time--> 7.35 7.40 7.45 7.50 7.55



#52

Toluene

Concen: 19.155 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027942.D

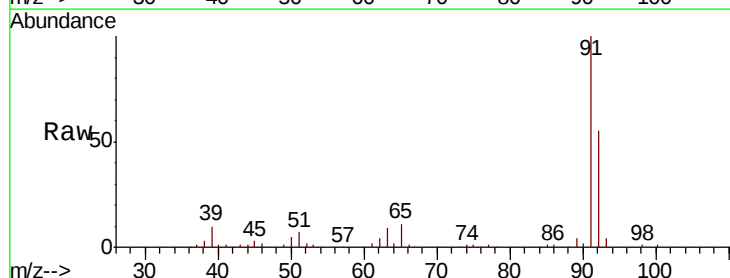
Acq: 05 Nov 2018 09:21

Tgt Ion: 92 Resp: 113432

Ion Ratio Lower Upper

92 100

91 179.4 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027906.D (-1996) (-)

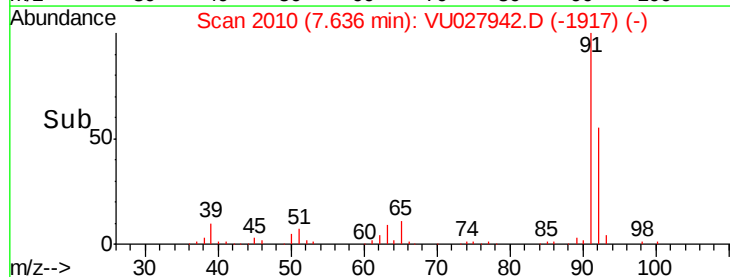
7.64

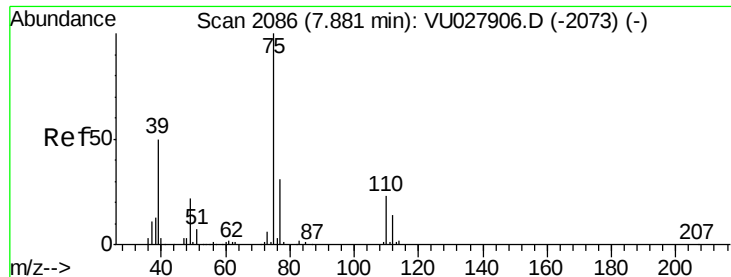
100000

50000

0

Time--> 7.55 7.60 7.65 7.70

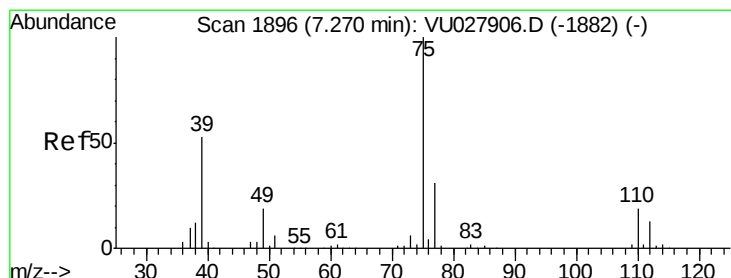
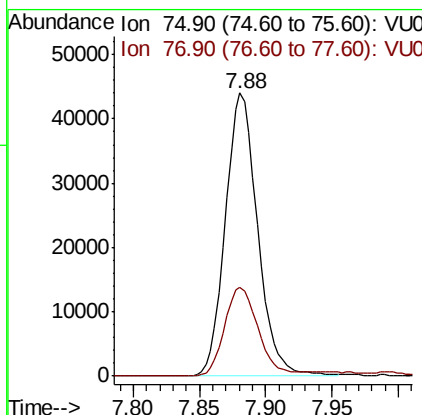
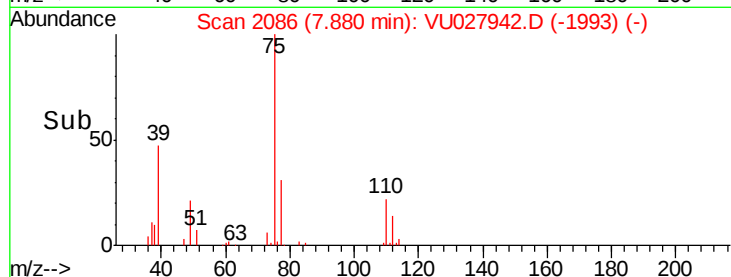
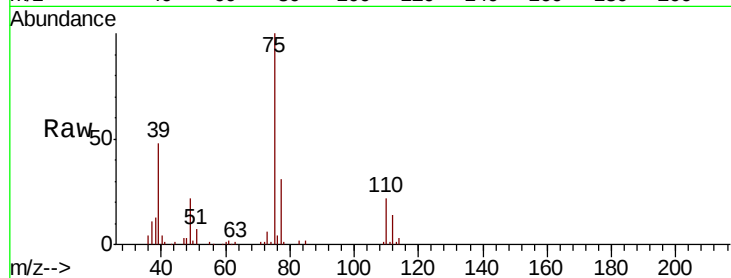




#53
 t-1,3-Dichloropropene
 Concen: 19.374 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

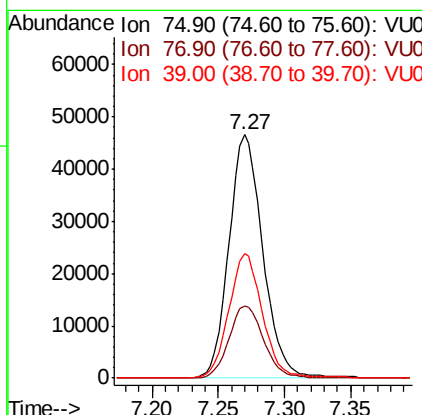
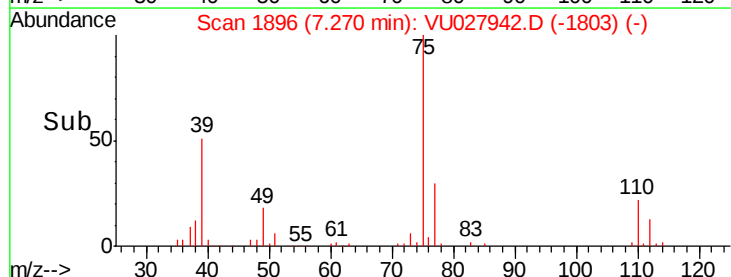
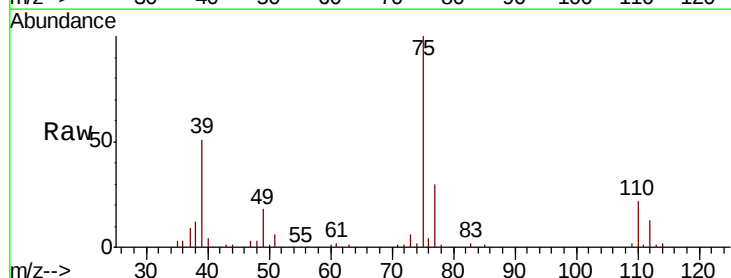
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

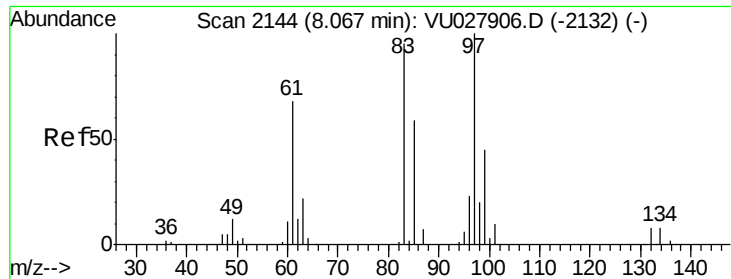
Tot Ion: 75 Resp: 74517
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.819 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion: 75 Resp: 82589
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.6 37.0
 39 51.1 42.6 64.0

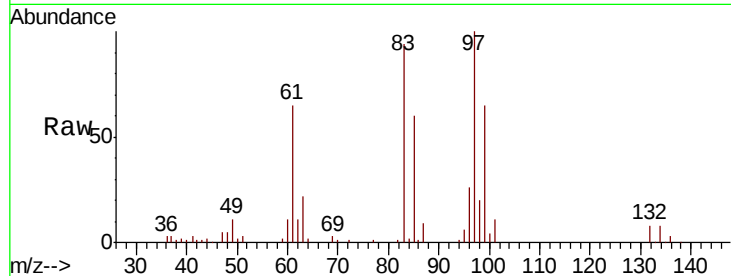




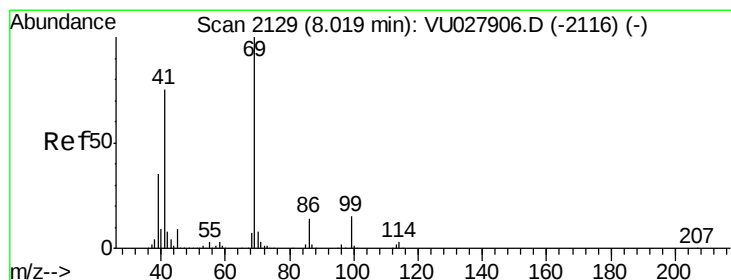
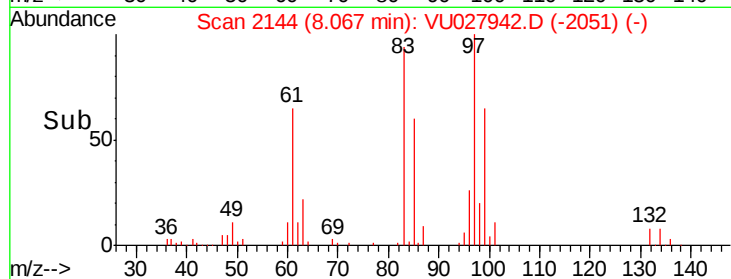
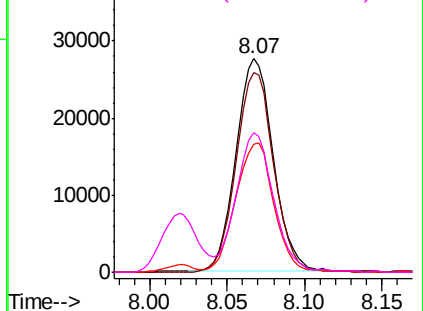
#55
 1,1,2-Trichloroethane
 Concen: 19.075 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Tot Ion:	97	Resp:	45956
Ion	Ratio	Lower	Upper
97	100		
83	94.3	76.1	114.1
85	59.6	48.9	73.3
99	65.1	52.0	78.0

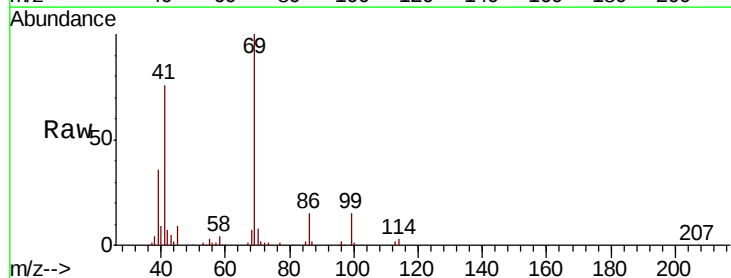


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

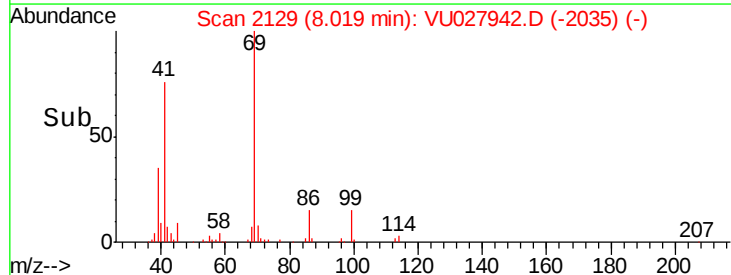
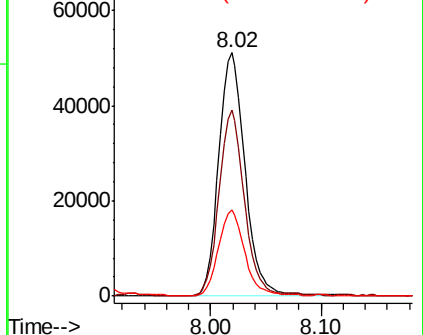


#56
 Ethyl methacrylate
 Concen: 19.975 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion:	69	Resp:	84870
Ion	Ratio	Lower	Upper
69	100		
41	73.1	59.8	89.6
39	35.6	28.6	42.8



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





#57

1,3-Dichloropropane

Concen: 19.437 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

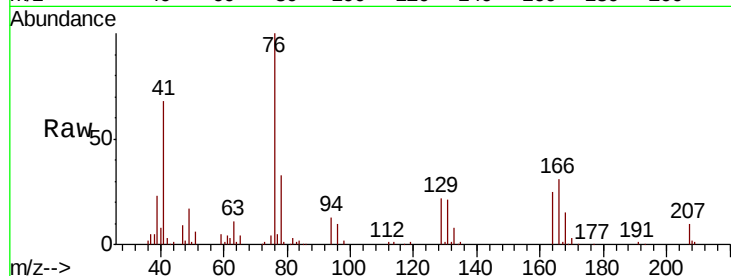
VU1105WBS01

Tot Ion: 76 Resp: 85304

Ion Ratio Lower Upper

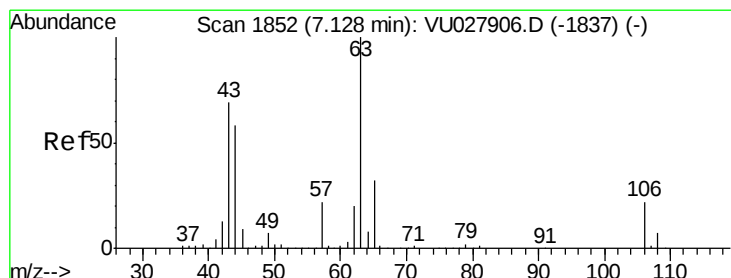
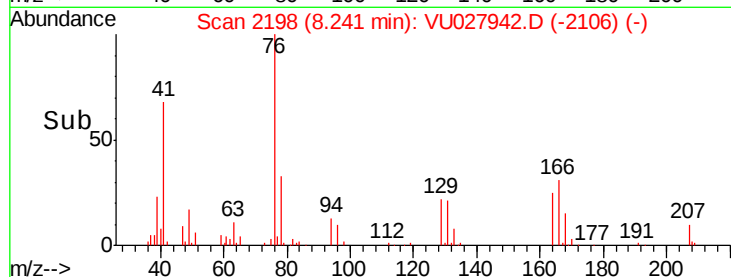
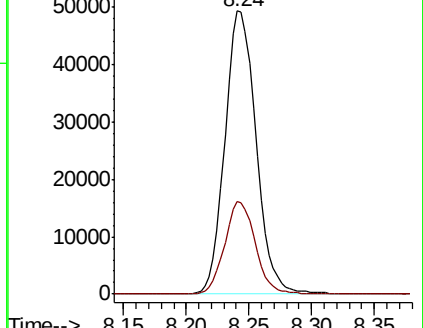
76 100

78 32.2 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VU027906.D (-2185) (-)

Ion 77.90 (77.60 to 78.60): VU027906.D (-2185) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 98.258 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VU027942.D

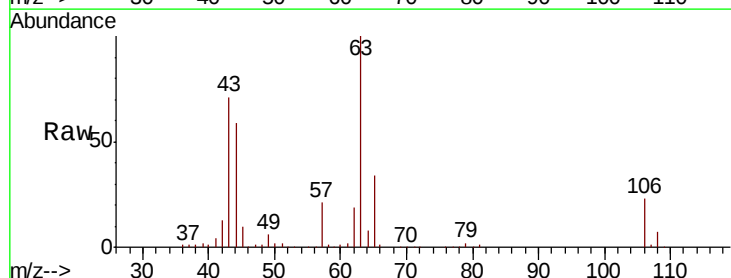
Acq: 05 Nov 2018 09:21

Tgt Ion: 63 Resp: 223589

Ion Ratio Lower Upper

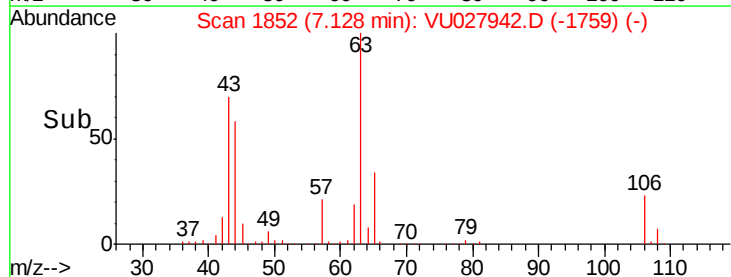
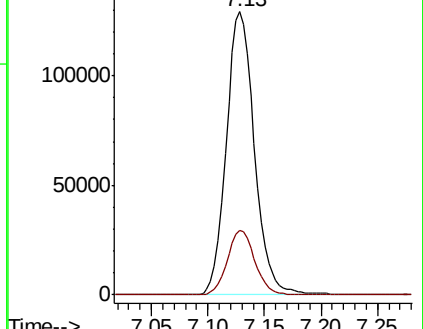
63 100

106 22.4 17.8 26.6



Abundance Ion 62.90 (62.60 to 63.60): VU027906.D (-1837) (-)

Ion 105.90 (105.60 to 106.60): VU027906.D (-1837) (-)

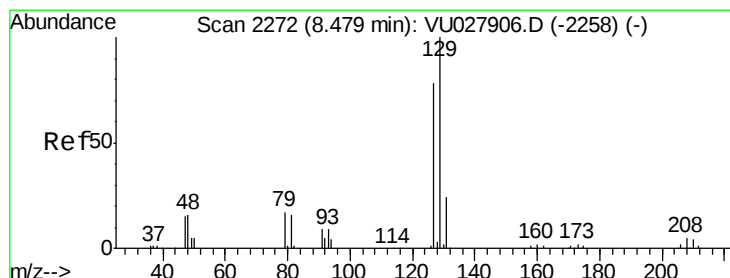
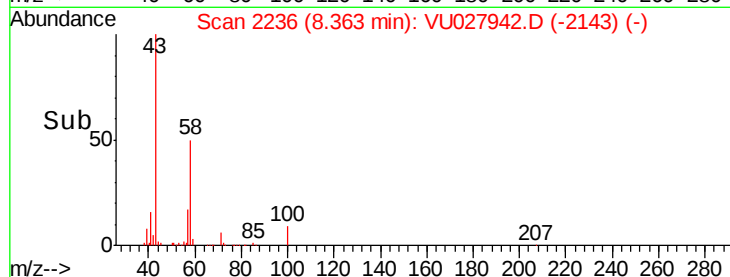
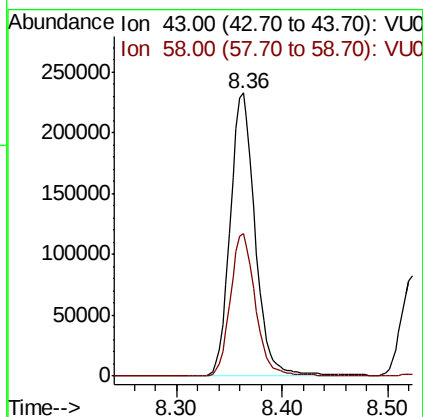
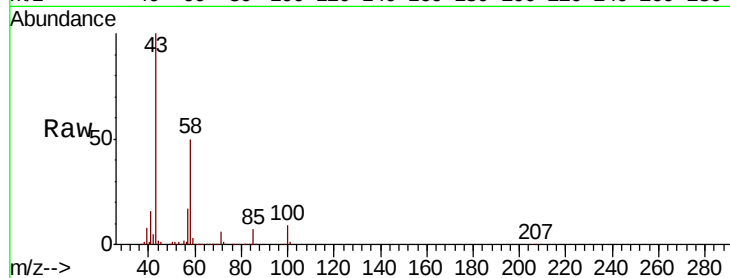




#59
2-Hexanone
Concen: 97.329 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

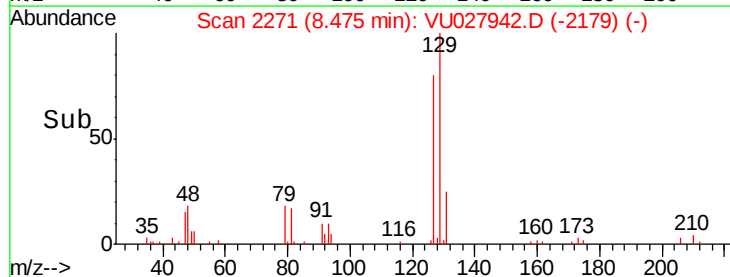
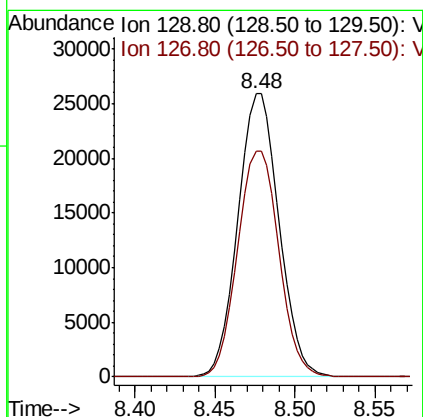
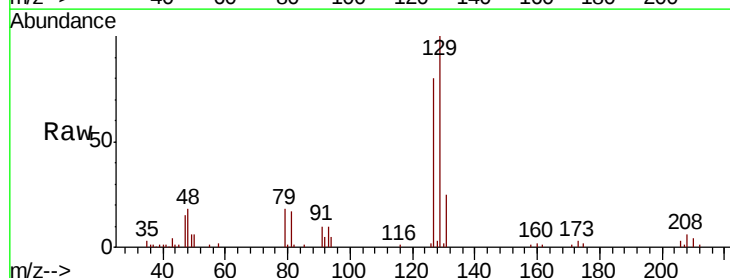
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

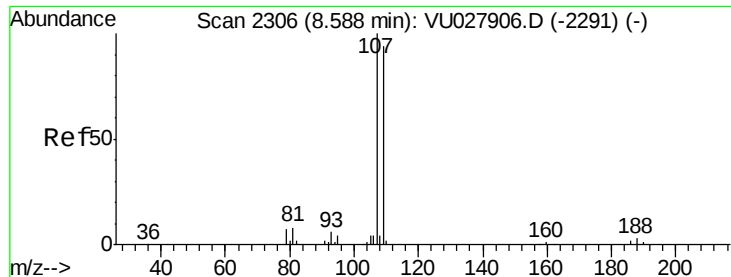
Tot Ion: 43 Resp: 380220
Ion Ratio Lower Upper
43 100
58 50.7 25.8 77.3



#60
Dibromochloromethane
Concen: 19.892 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion: 129 Resp: 45352
Ion Ratio Lower Upper
129 100
127 80.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.029 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

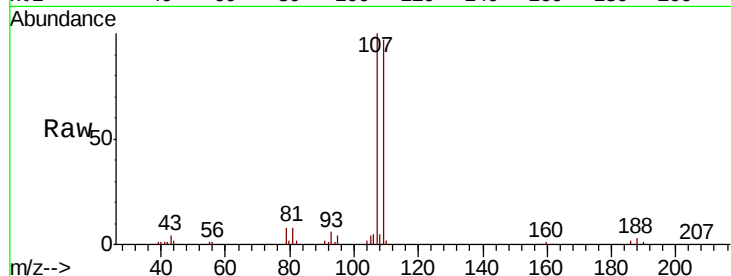
VU1105WBS01

Tot Ion:107 Resp: 48714

Ion Ratio Lower Upper

107 100

109 97.2 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.58

30000

25000

20000

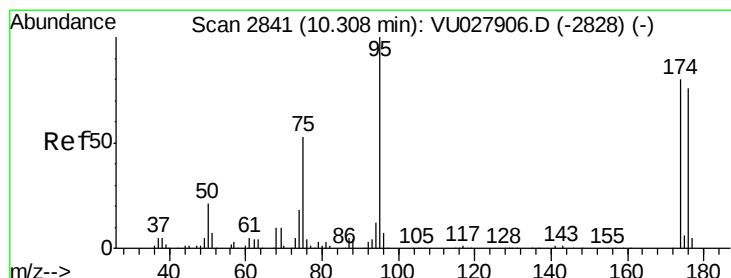
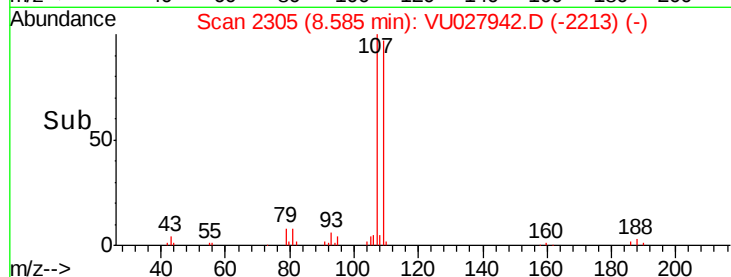
15000

10000

5000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#62

4-Bromofluorobenzene

Concen: 45.541 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

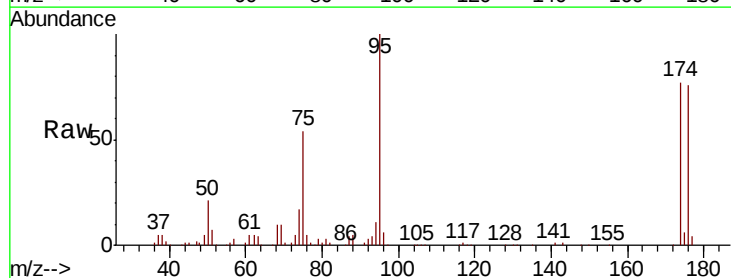
Tgt Ion: 95 Resp: 128702

Ion Ratio Lower Upper

95 100

174 76.9 0.0 156.4

176 75.1 0.0 150.8



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

100000

80000

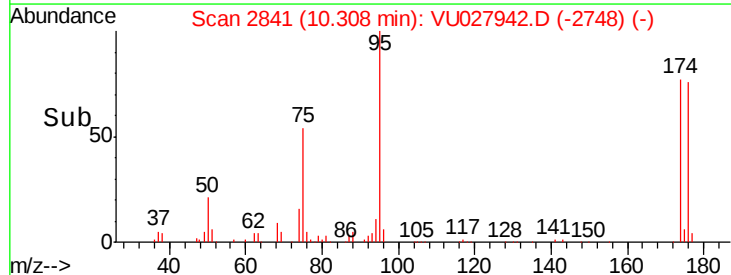
60000

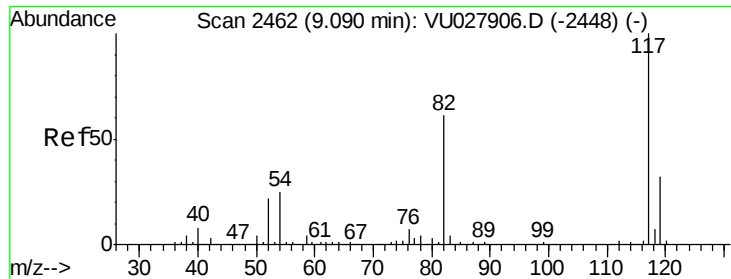
40000

20000

0

Time--> 10.30 10.40

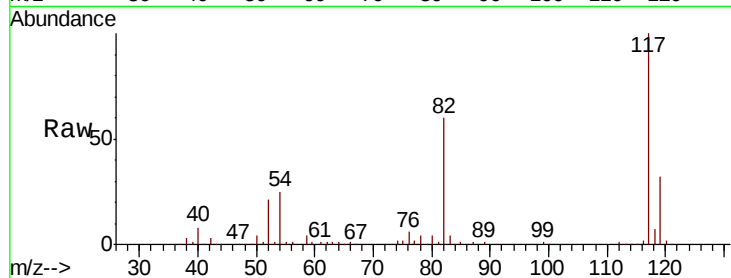




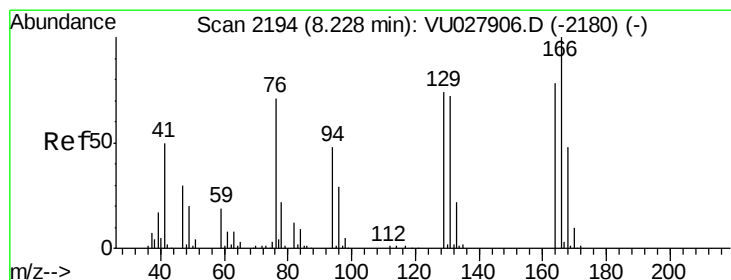
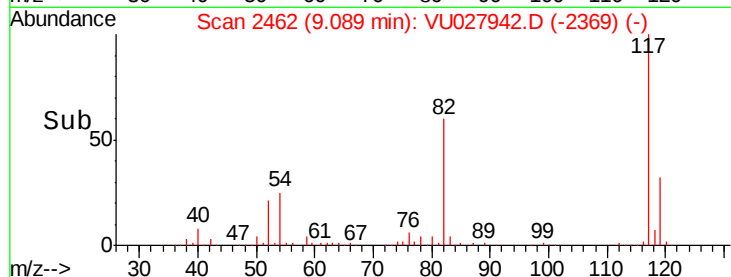
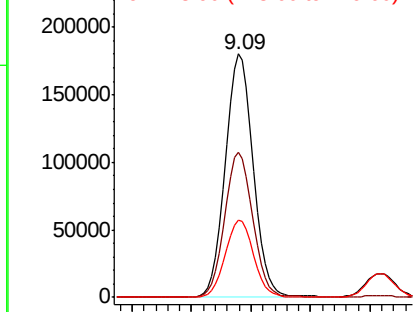
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tot Ion:117 Resp: 293404
Ion Ratio Lower Upper
117 100
82 59.8 48.6 73.0
119 31.6 25.8 38.8

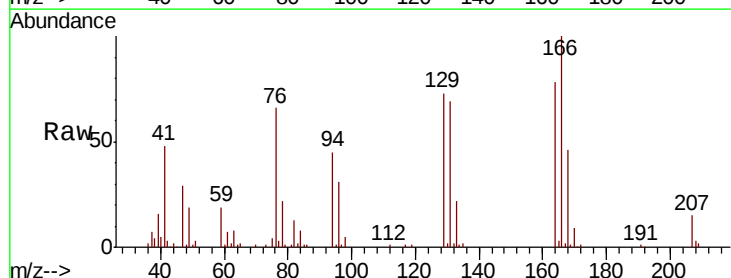


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

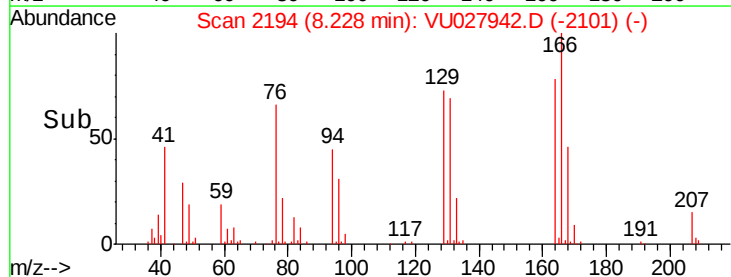
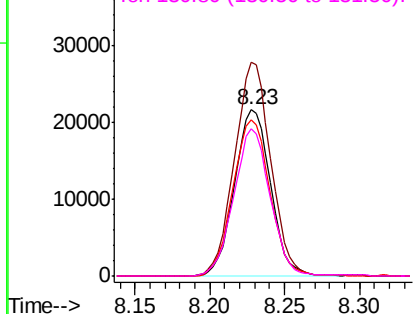


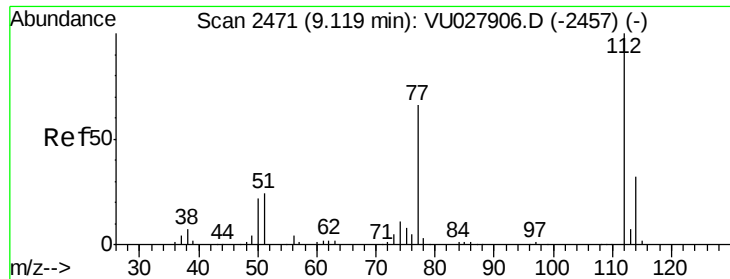
#64
Tetrachloroethene
Concen: 19.070 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion:164 Resp: 36280
Ion Ratio Lower Upper
164 100
166 128.8 102.1 153.1
129 94.0 75.9 113.9
131 88.6 73.0 109.6



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

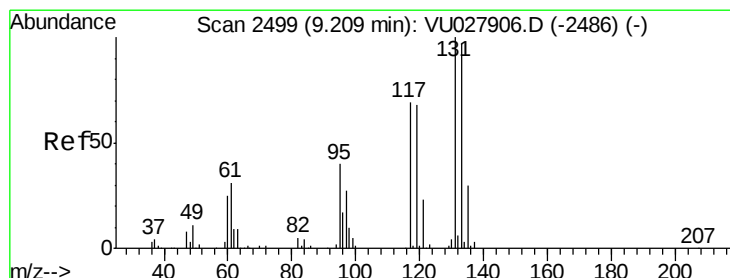
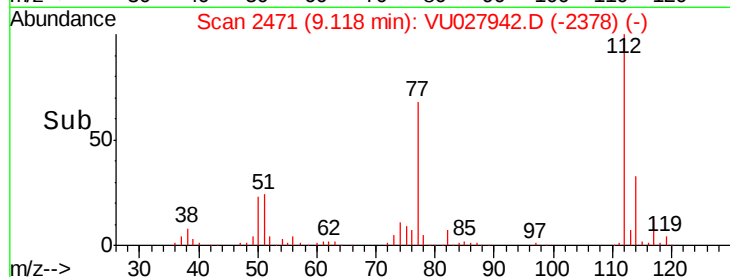
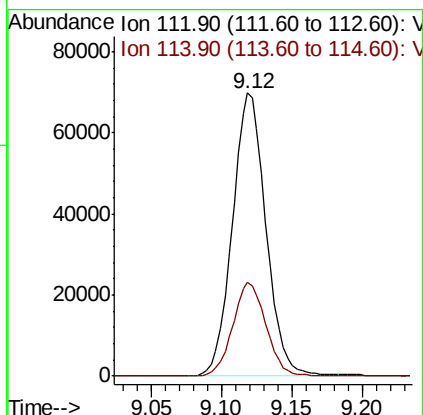
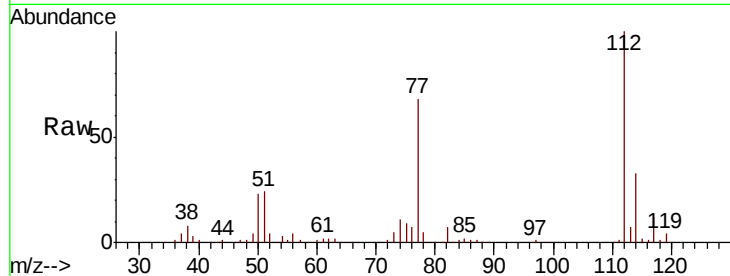




#65
Chlorobenzene
Concen: 18.723 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

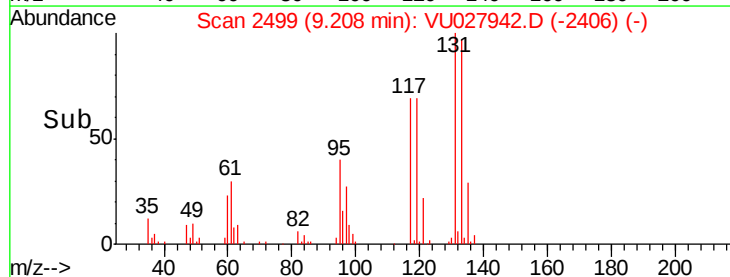
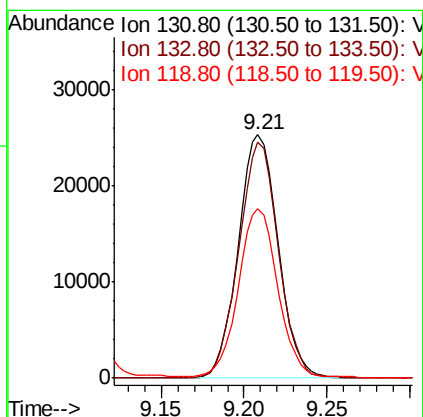
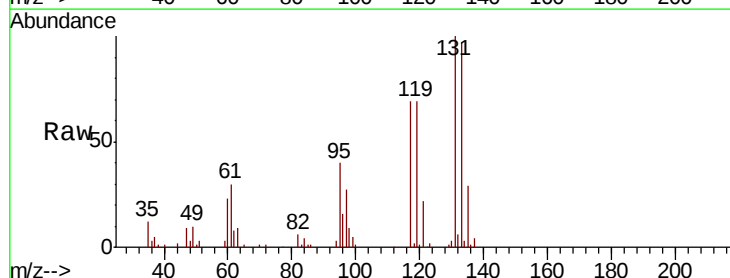
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

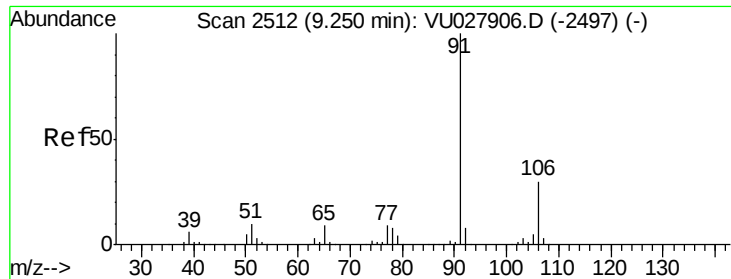
Tot Ion:112 Resp: 116060
Ion Ratio Lower Upper
112 100
114 33.0 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.022 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion:131 Resp: 42392
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 67.8 34.0 101.8

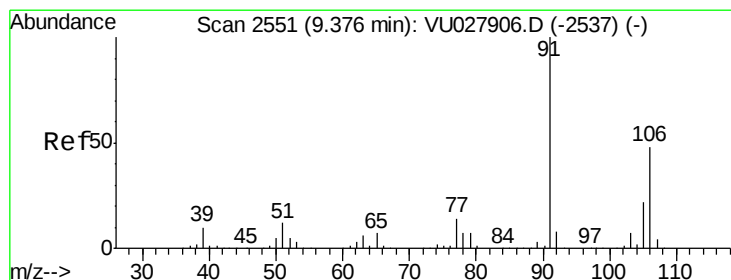
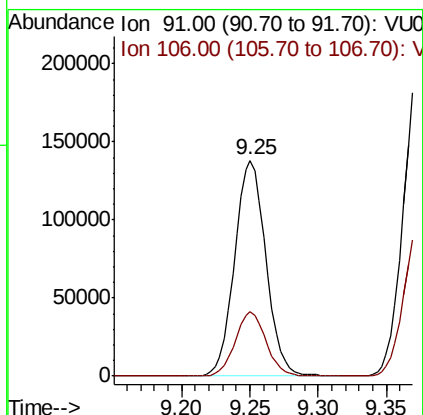
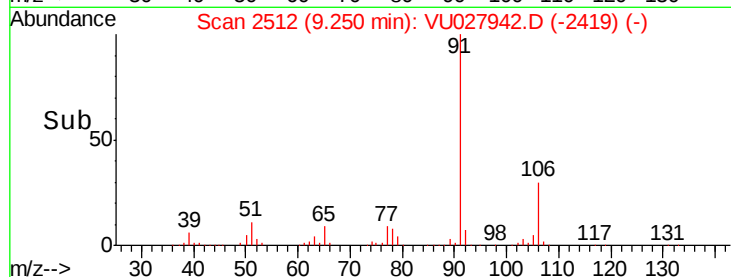
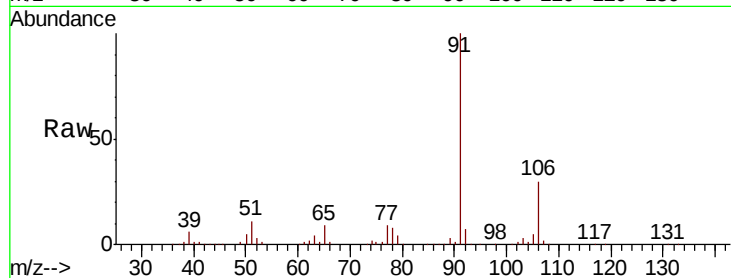




#67
Ethyl Benzene
Concen: 19.305 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

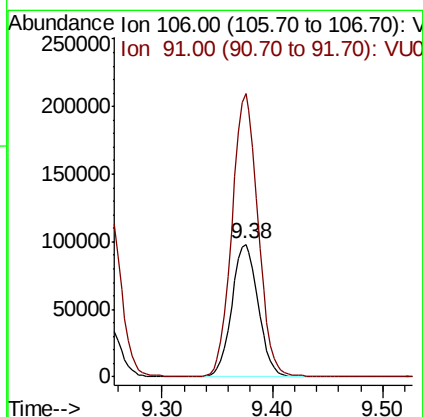
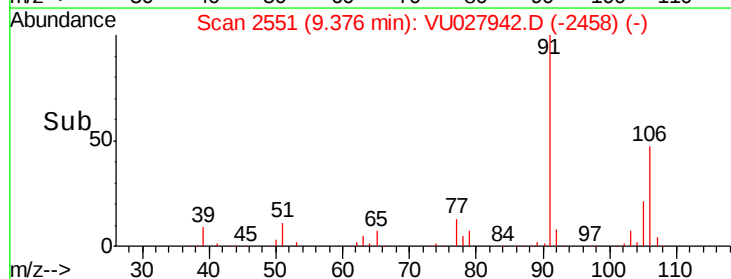
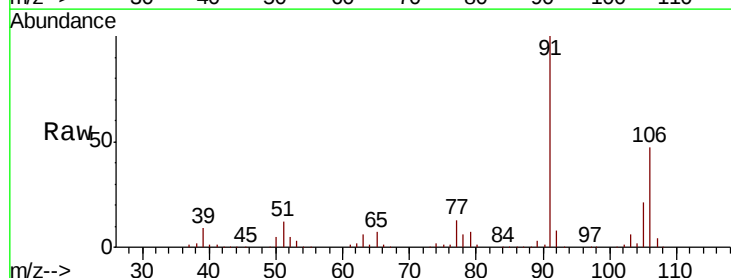
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tot Ion: 91 Resp: 220270
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



#68
m/p-Xylenes
Concen: 39.264 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion: 106 Resp: 162552
Ion Ratio Lower Upper
106 100
91 210.3 168.2 252.4

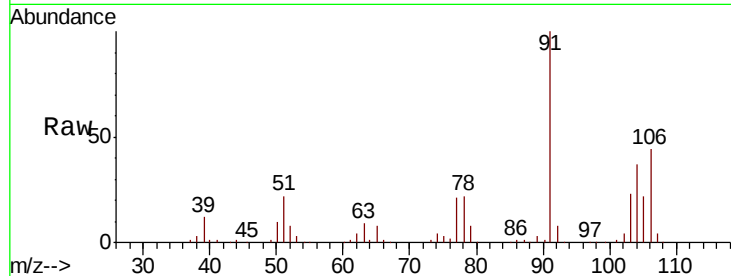




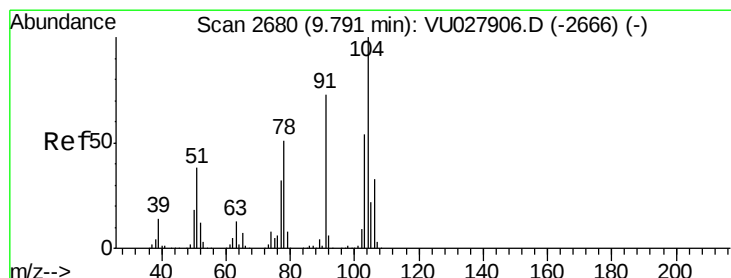
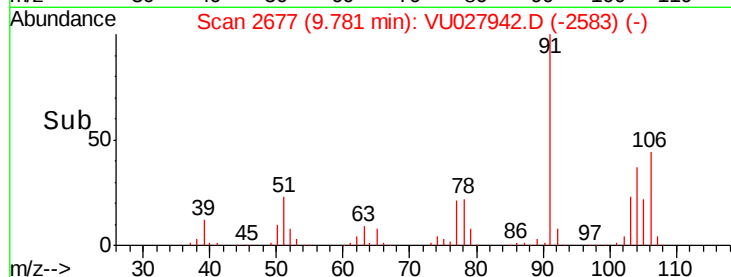
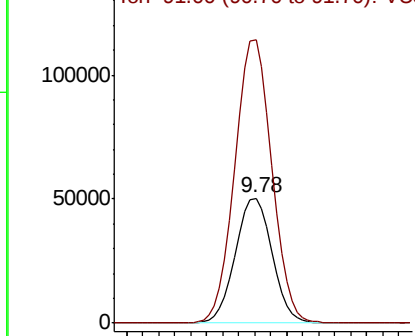
#69
o-Xylene
Concen: 18.891 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tot Ion:106 Resp: 78975
Ion Ratio Lower Upper
106 100
91 227.4 111.1 333.4

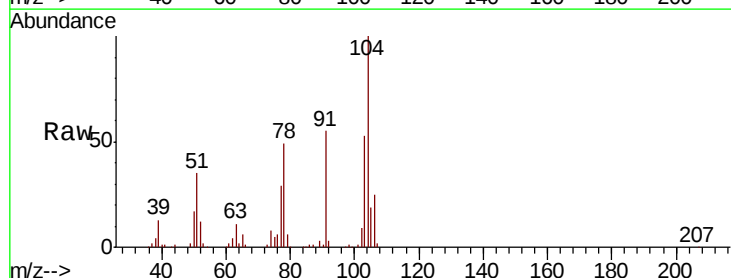


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

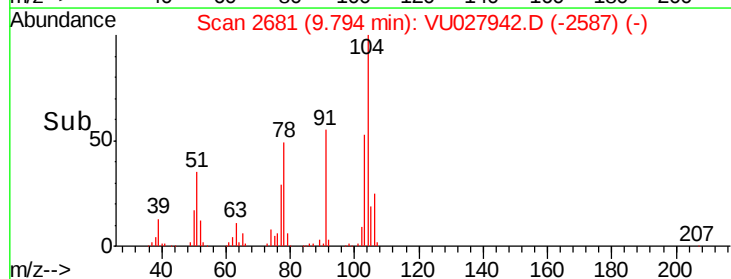
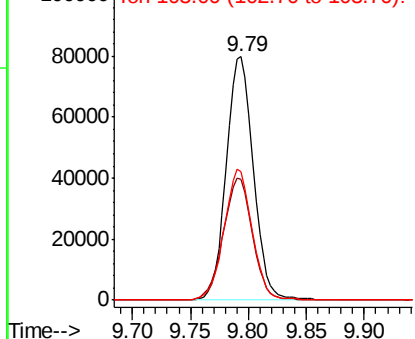


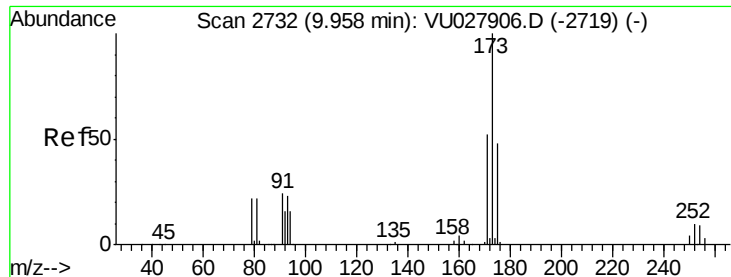
#70
Styrene
Concen: 19.277 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion:104 Resp: 128766
Ion Ratio Lower Upper
104 100
78 53.9 43.0 64.4
103 55.6 45.1 67.7



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: 20.047 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

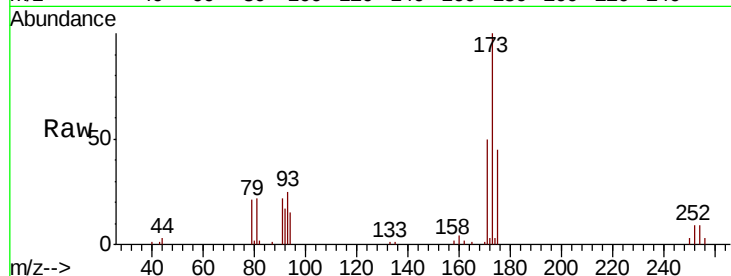
Tot Ion:173 Resp: 35573

Ion Ratio Lower Upper

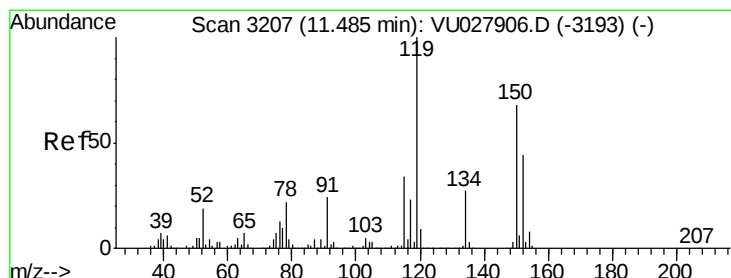
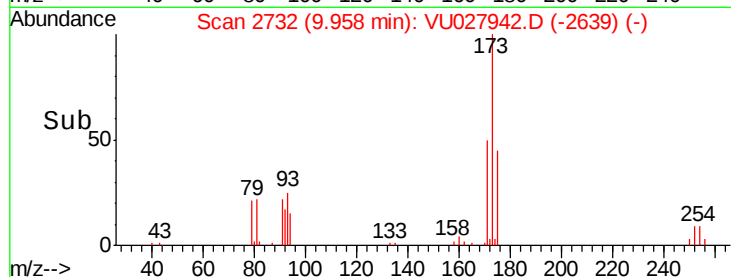
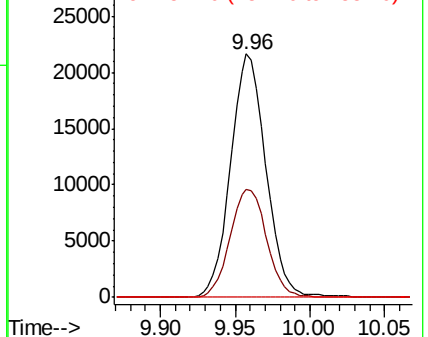
173 100

175 45.7 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

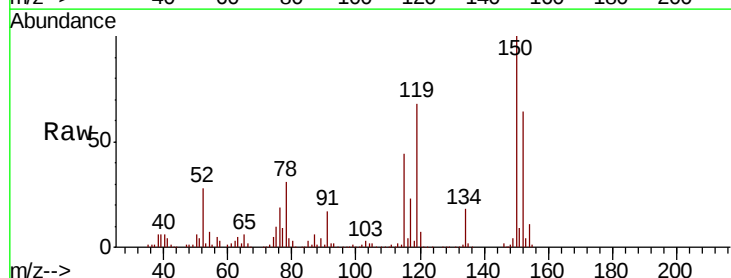
Tgt Ion:152 Resp: 138647

Ion Ratio Lower Upper

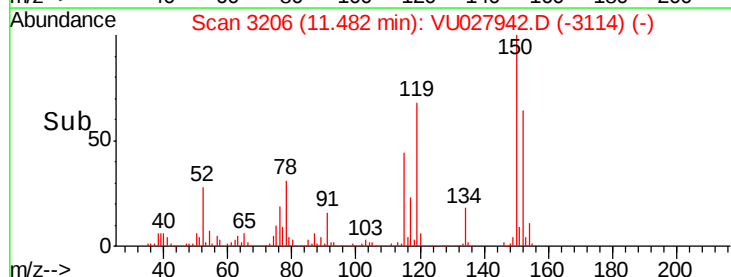
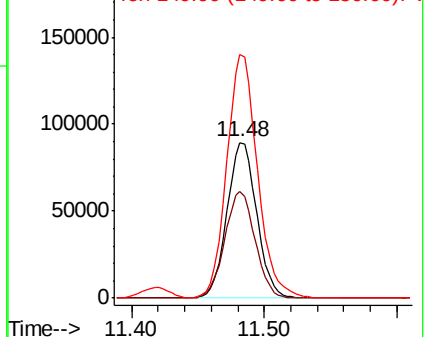
152 100

115 70.2 43.0 129.0

150 162.3 0.0 349.4



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: 19.725 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

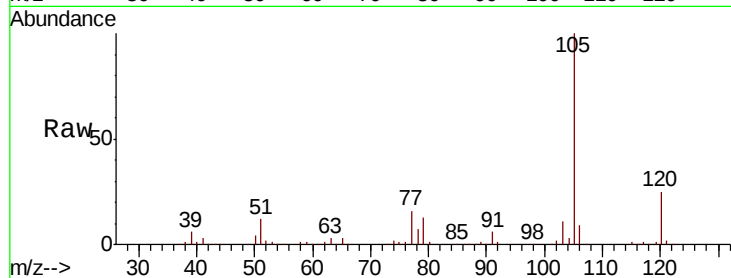
VU1105WBS01

Tot Ion:105 Resp: 211866

Ion Ratio Lower Upper

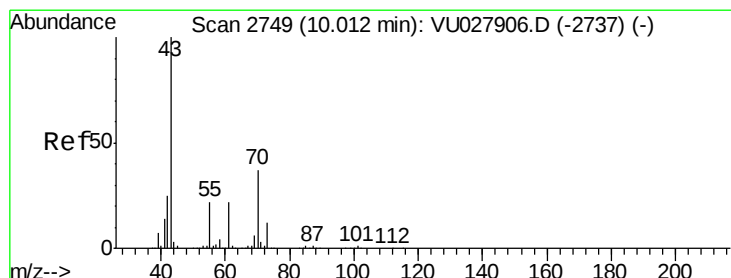
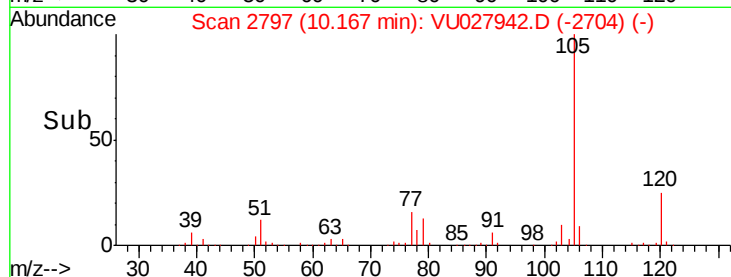
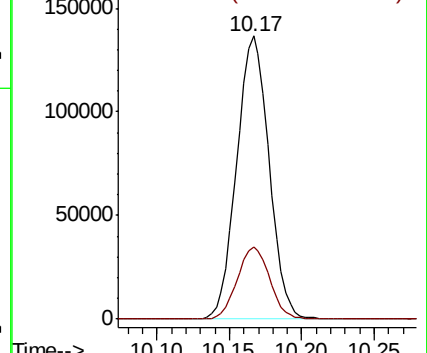
105 100

120 25.5 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.922 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Tgt Ion: 43 Resp: 129387

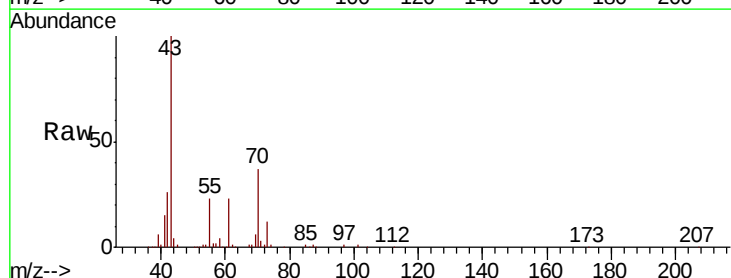
Ion Ratio Lower Upper

43 100

70 36.5 29.2 43.8

55 22.5 17.8 26.6

61 22.6 17.8 26.8

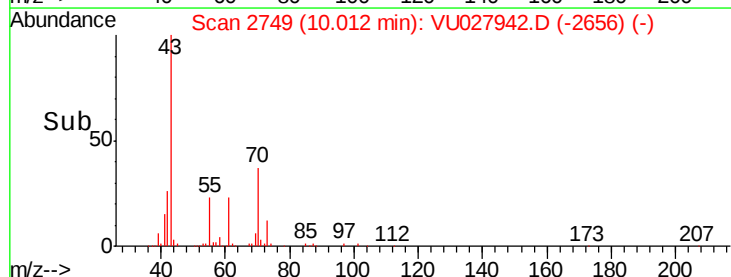
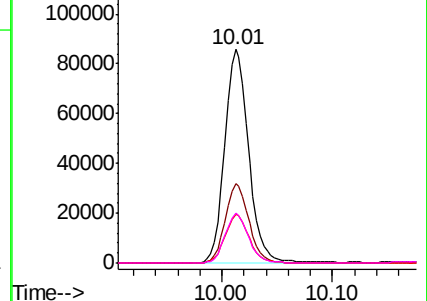


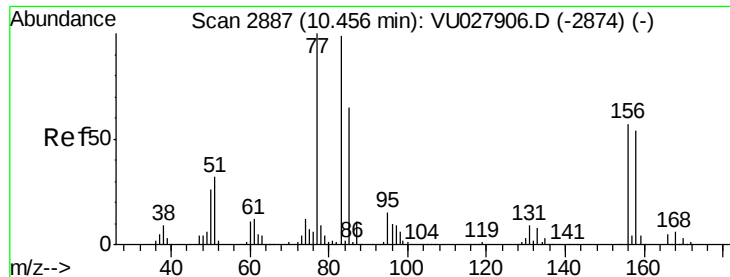
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 19.881 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

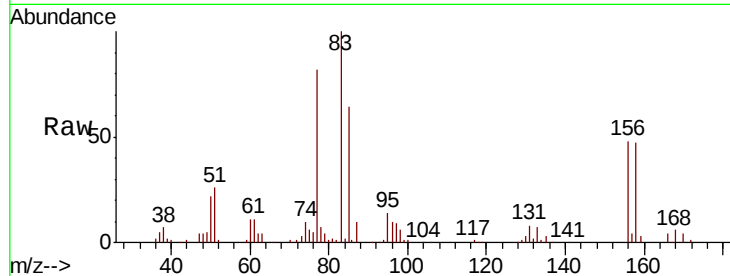
Tot Ion: 83 Resp: 86136

Ion Ratio Lower Upper

83 100

131 8.0 4.3 13.1

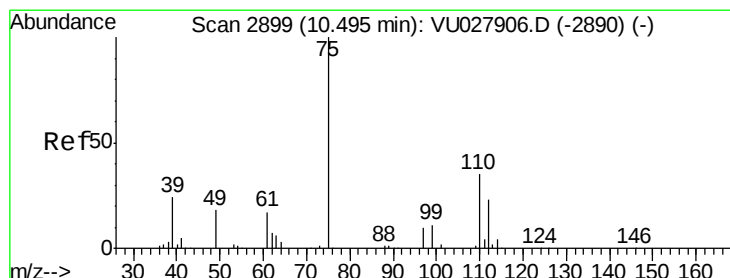
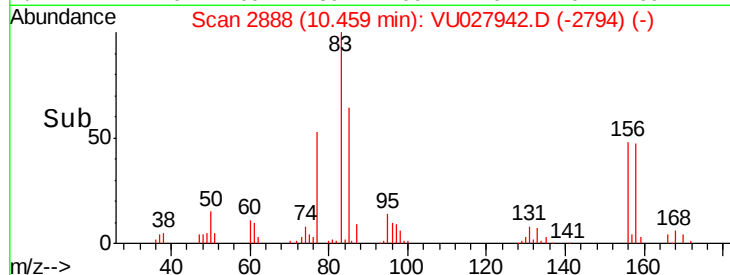
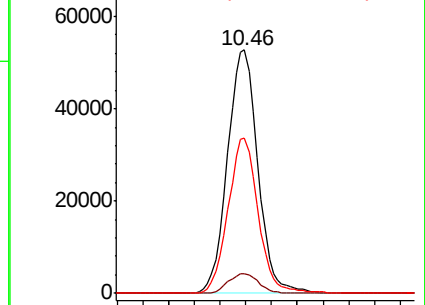
85 63.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU027906.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027906.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027906.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 26.240 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027942.D

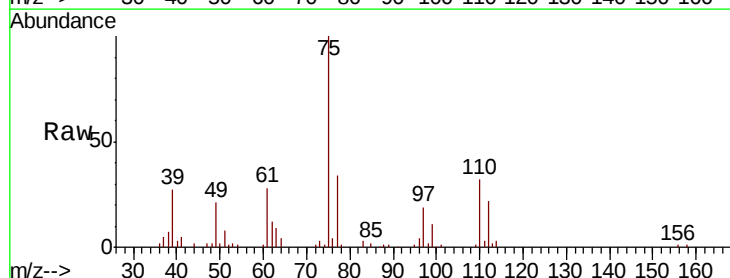
Acq: 05 Nov 2018 09:21

Tgt Ion: 75 Resp: 99514

Ion Ratio Lower Upper

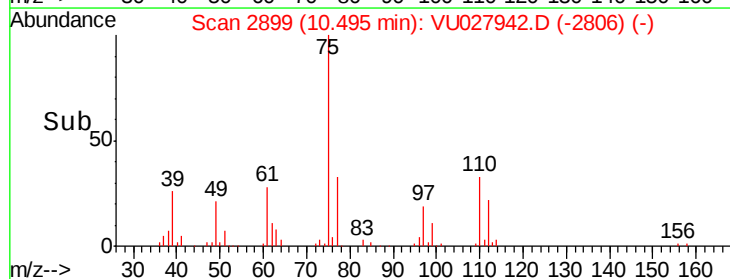
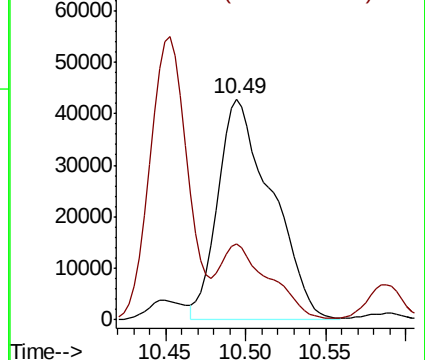
75 100

77 31.6 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027906.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027906.D (-2890) (-)





#77

Bromobenzene

Concen: 20.374 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

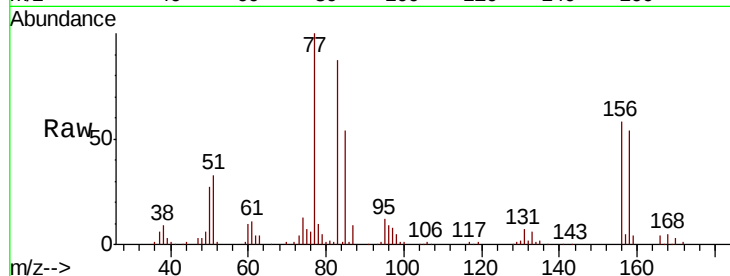
Tot Ion:156 Resp: 50179

Ion Ratio Lower Upper

156 100

77 180.8 91.8 275.6

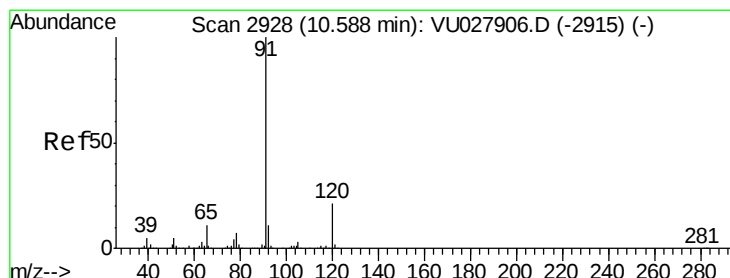
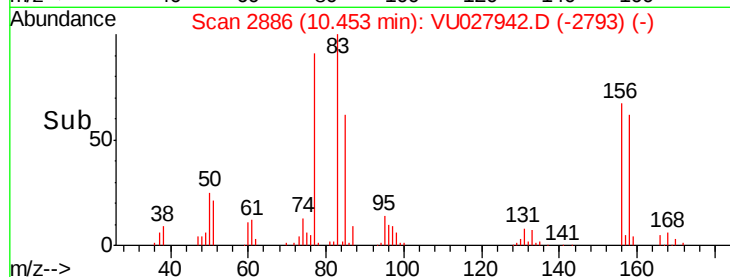
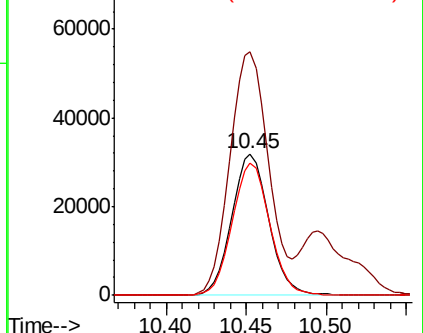
158 94.7 48.4 145.2



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: 19.926 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027942.D

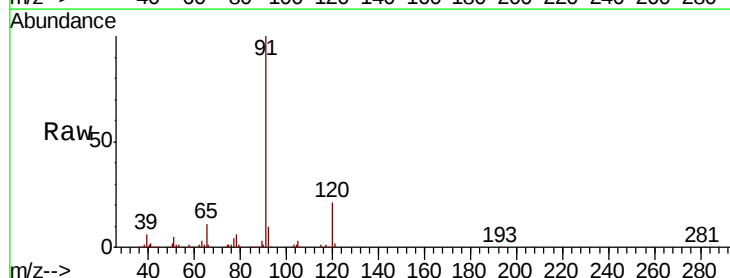
Acq: 05 Nov 2018 09:21

Tgt Ion: 91 Resp: 256178

Ion Ratio Lower Upper

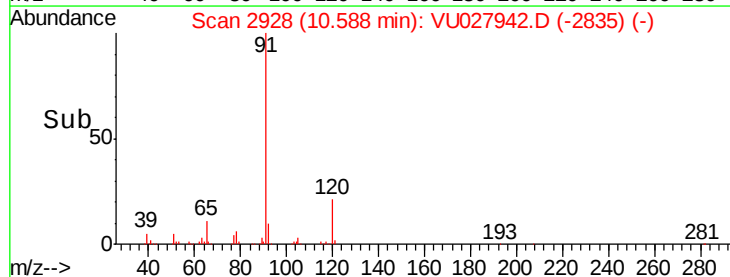
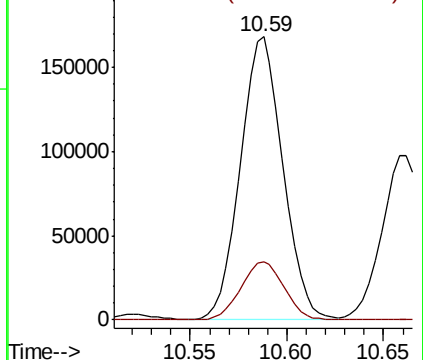
91 100

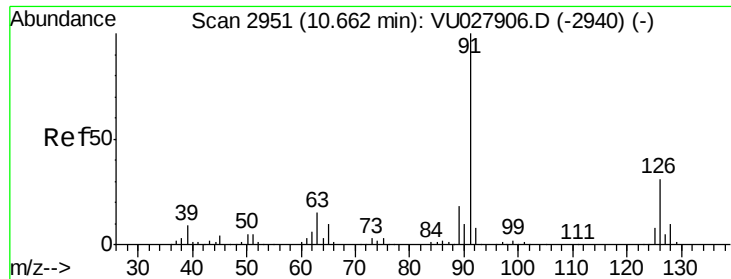
120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

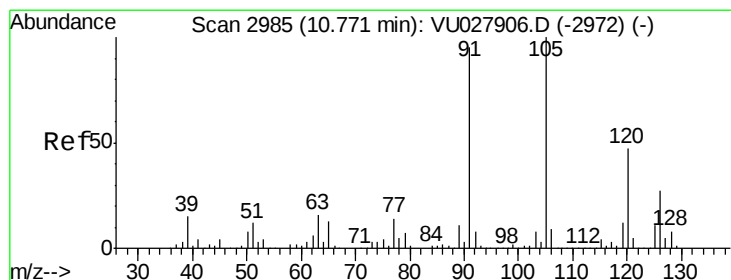
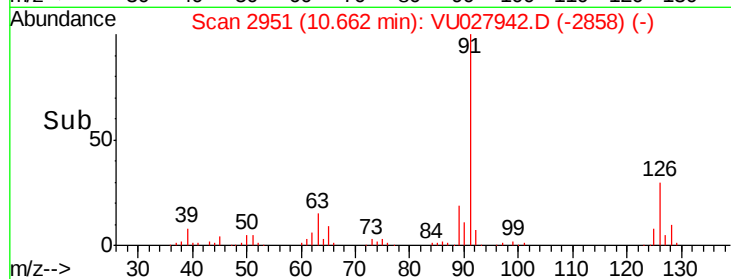
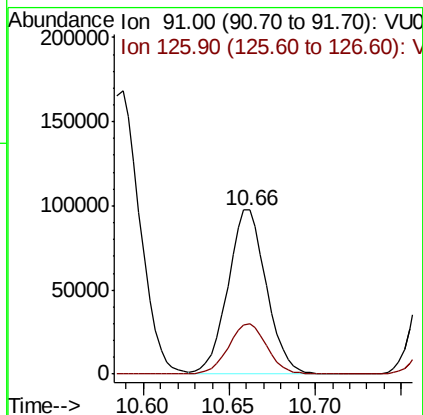
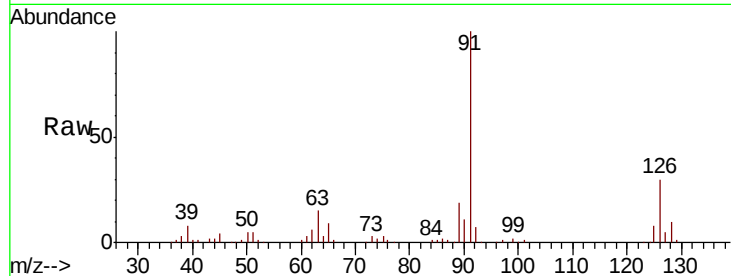




#79
 2-Chlorotoluene
 Concen: 19.569 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

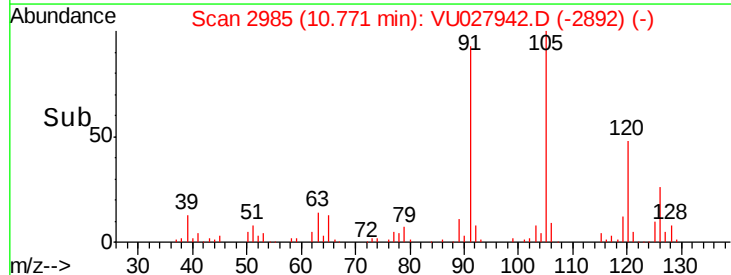
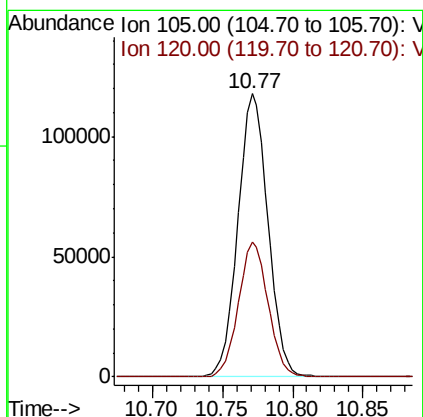
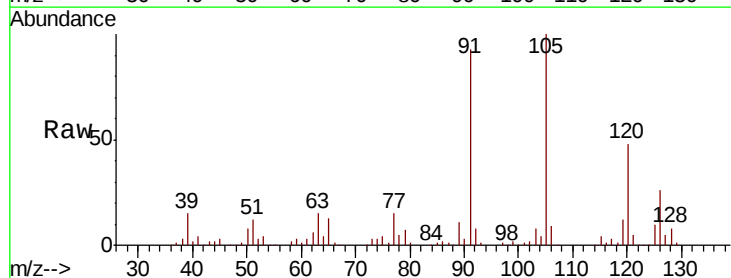
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

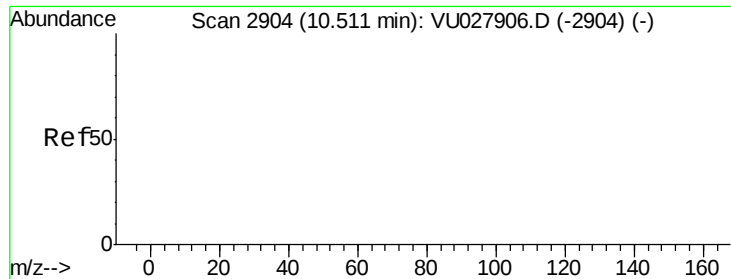
Tot Ion: 91 Resp: 150804
 Ion Ratio Lower Upper
 91 100
 126 31.2 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.787 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion: 105 Resp: 176059
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 65.435 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

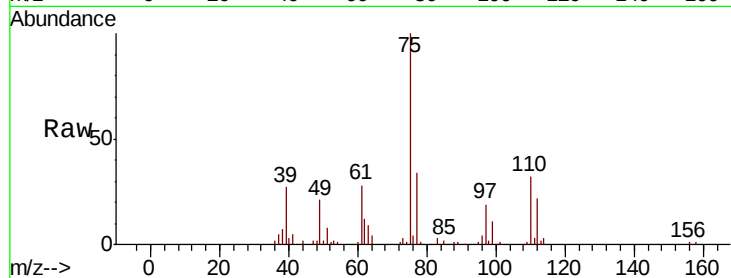
Tot Ion: 75 Resp: 99514

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

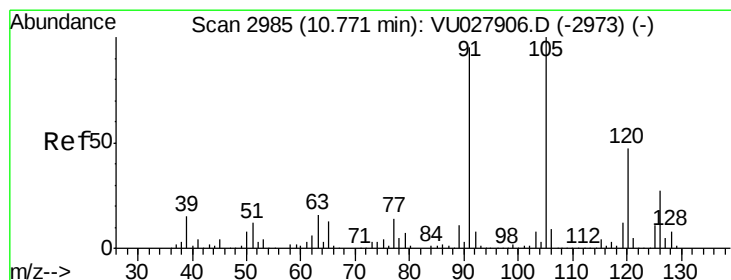
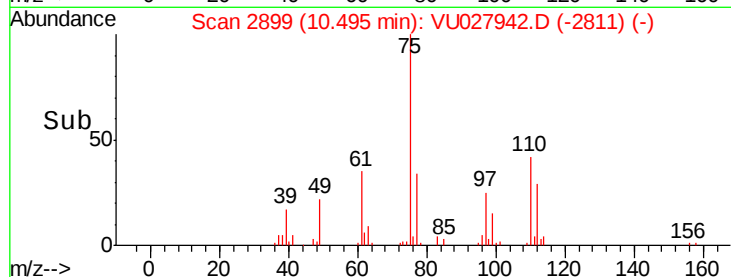
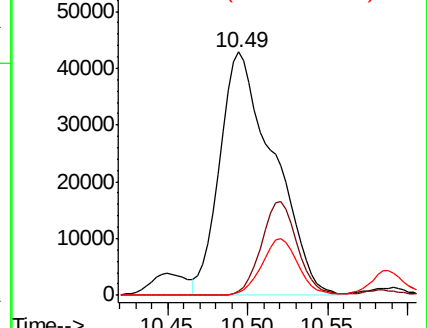
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 19.484 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027942.D

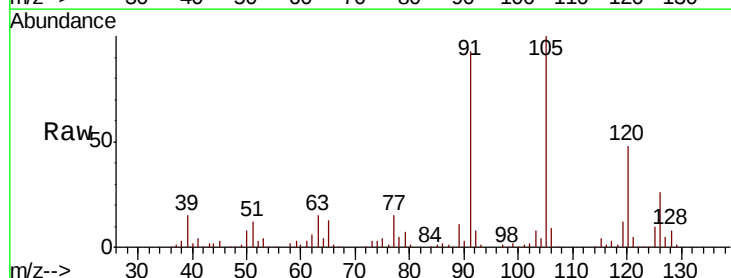
Acq: 05 Nov 2018 09:21

Tgt Ion: 91 Resp: 170464

Ion Ratio Lower Upper

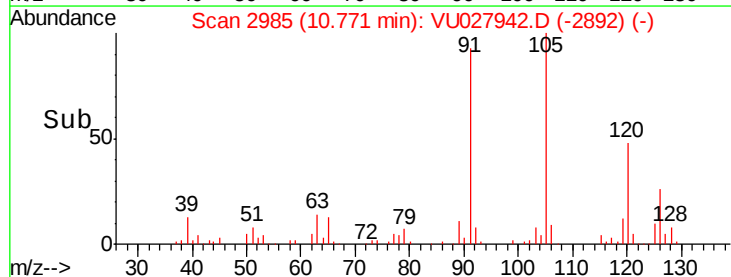
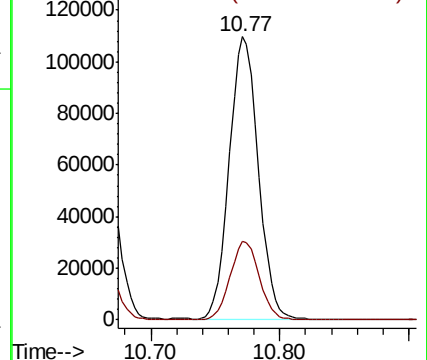
91 100

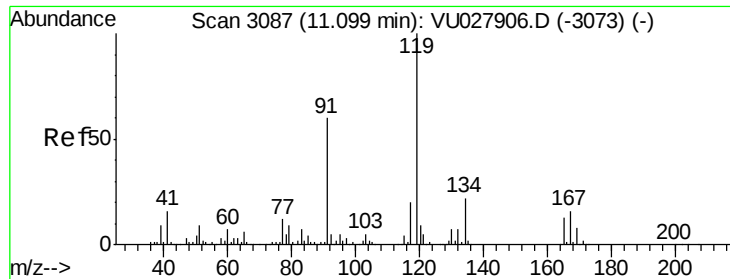
126 28.1 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

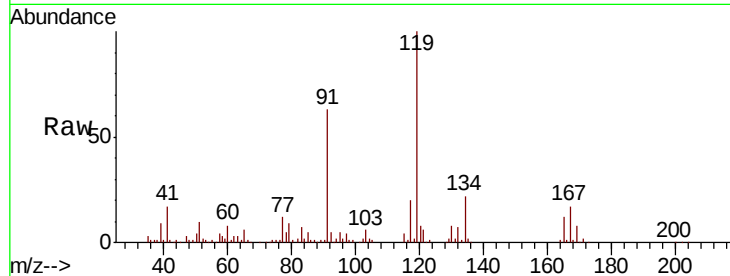




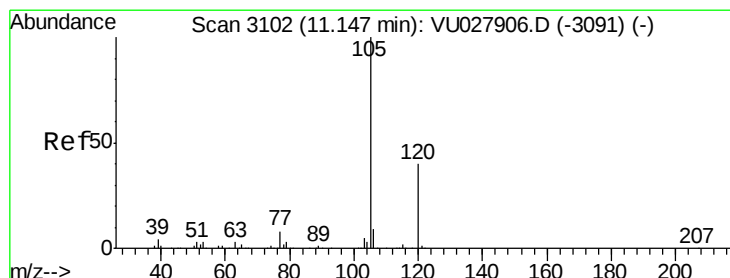
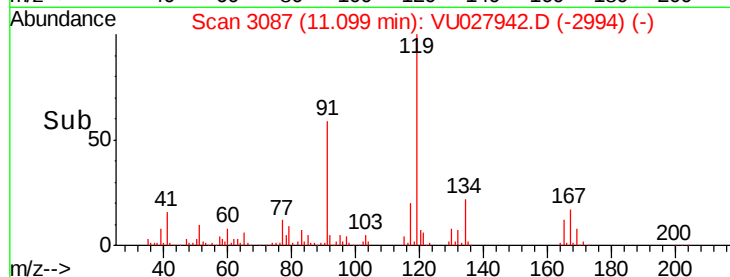
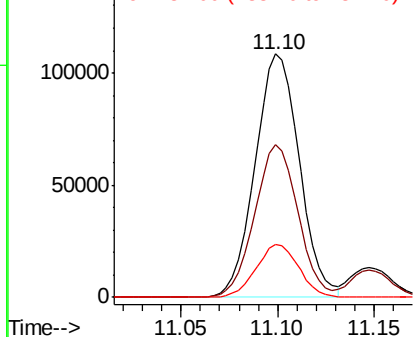
#83
tert-Butylbenzene
Concen: 19.477 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	29.8	89.3
134	21.0	11.1	33.1

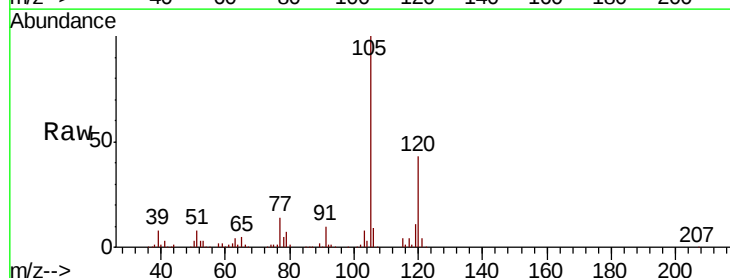


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

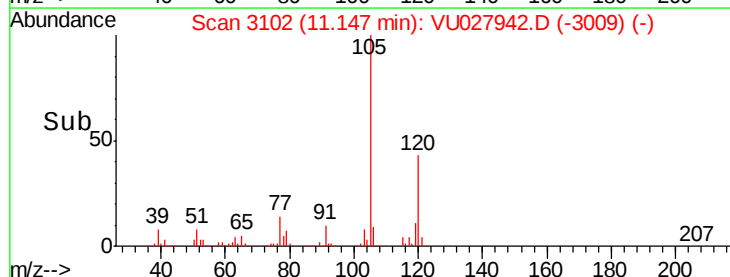
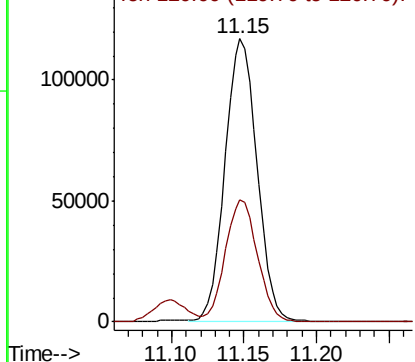


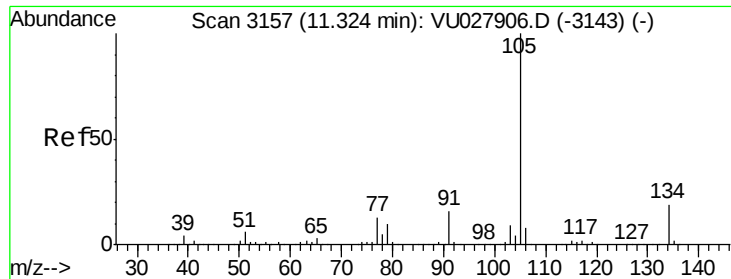
#84
1,2,4-Trimethylbenzene
Concen: 19.985 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.1



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

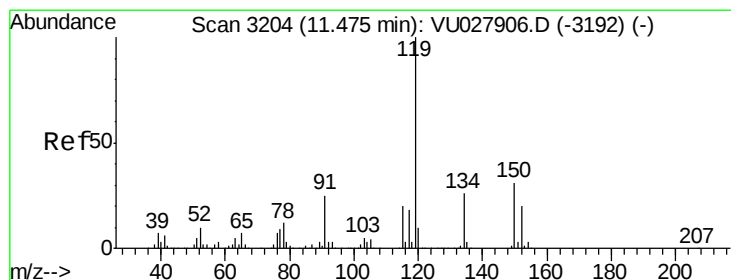
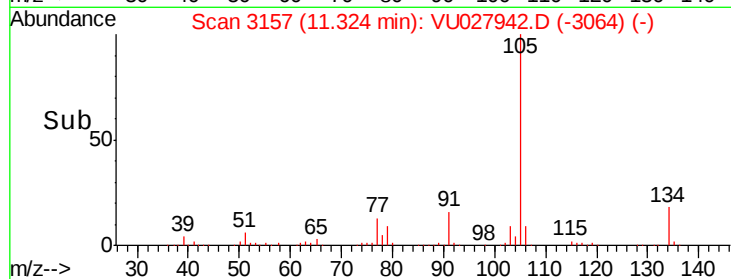
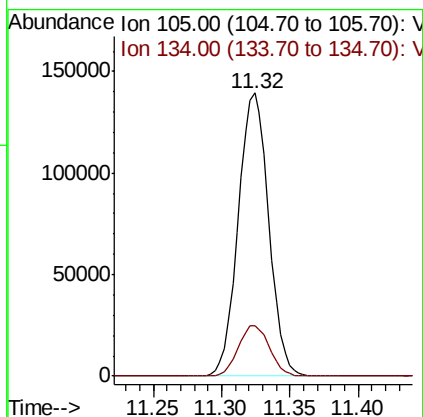
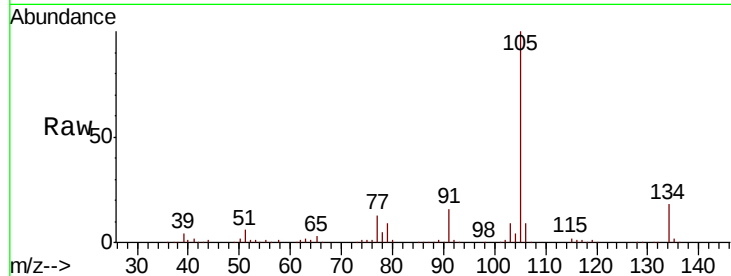




#85
 sec-Butylbenzene
 Concen: 20.024 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

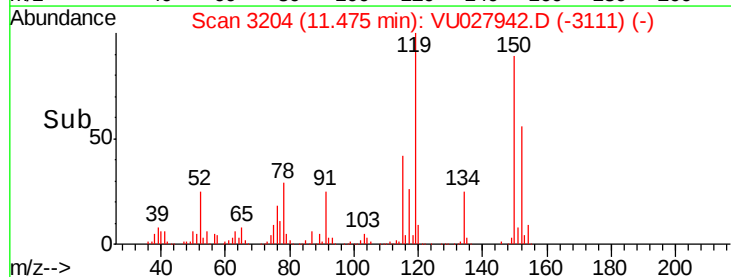
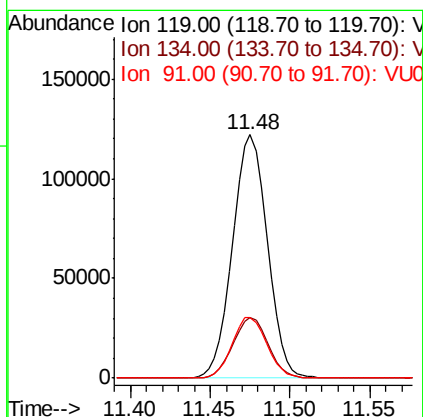
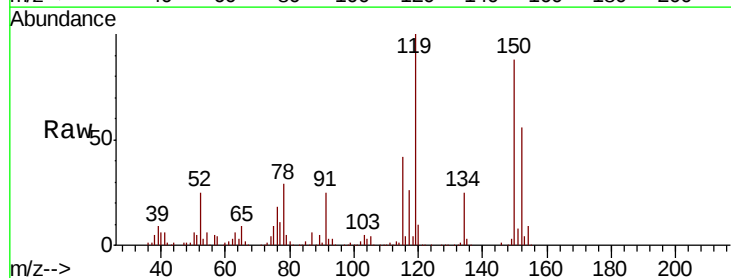
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

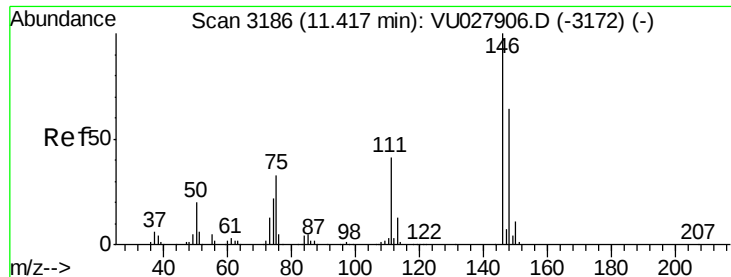
Tot Ion:105 Resp: 216618
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 19.913 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion:119 Resp: 180082
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.7
 91 25.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.694 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

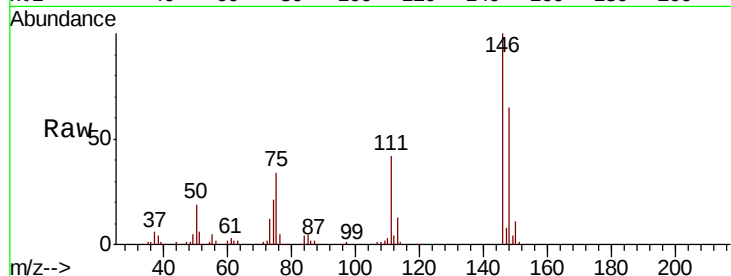
Tot Ion:146 Resp: 89601

Ion Ratio Lower Upper

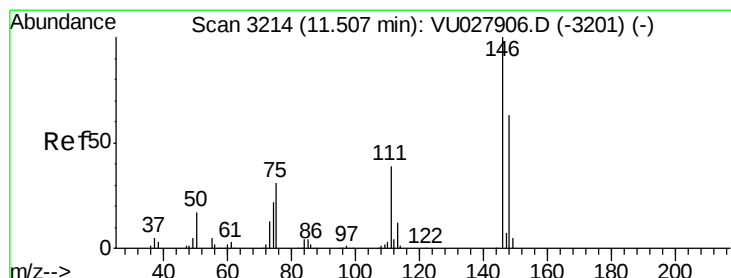
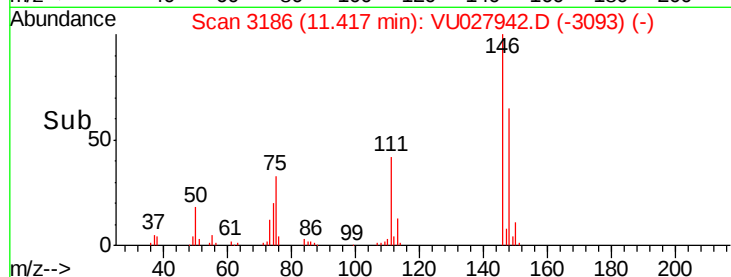
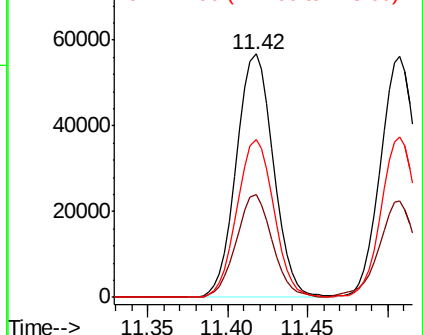
146 100

111 41.0 20.3 61.0

148 64.4 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 19.190 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

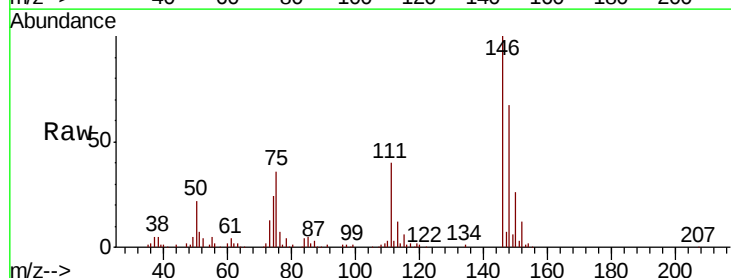
Tgt Ion:146 Resp: 89488

Ion Ratio Lower Upper

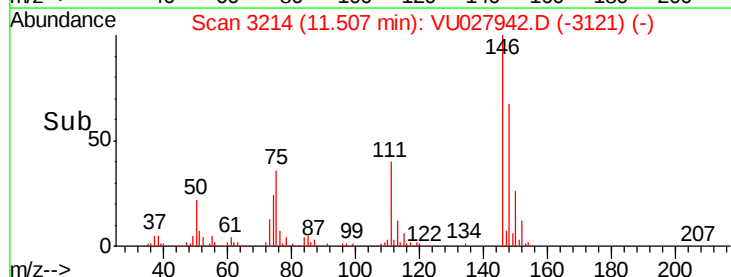
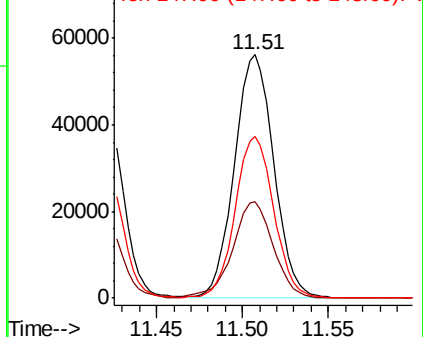
146 100

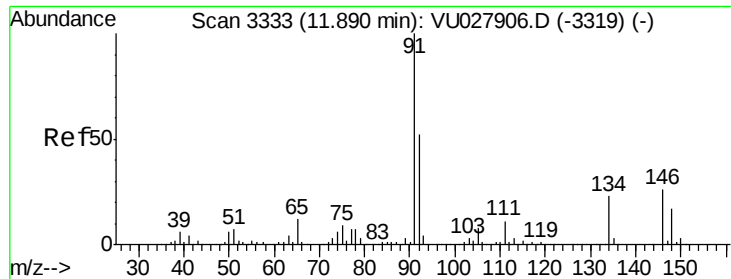
111 41.1 20.3 60.9

148 65.7 32.0 96.2



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

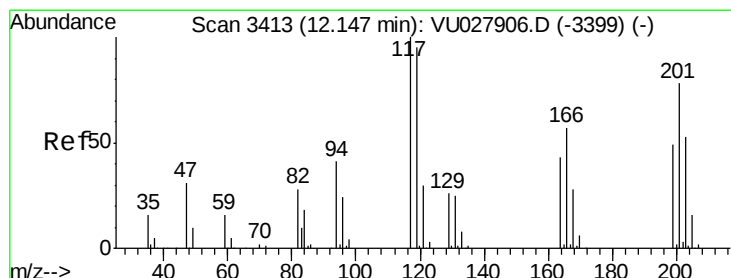
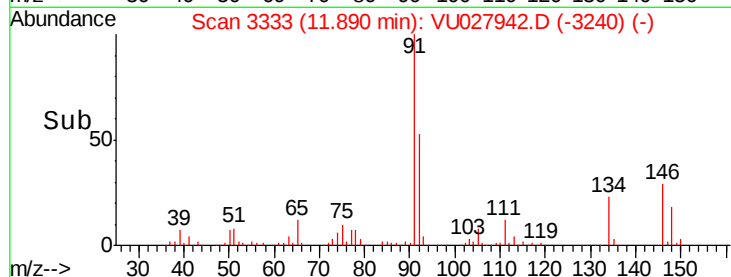
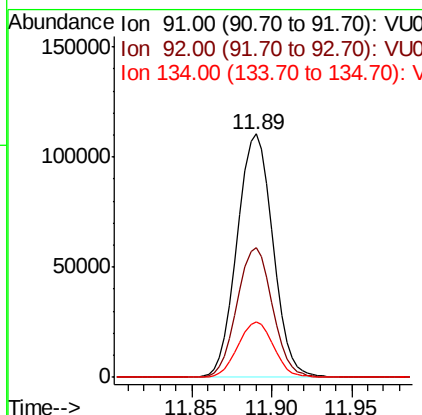
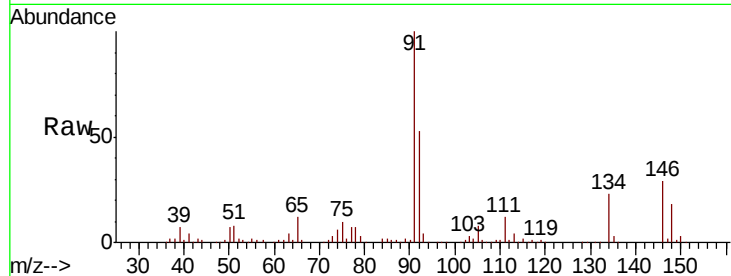




#89
n-Butylbenzene
Concen: 19.616 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

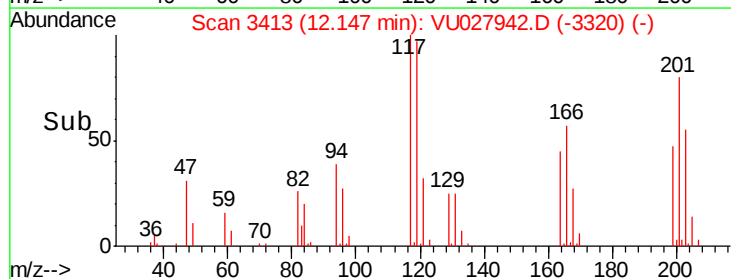
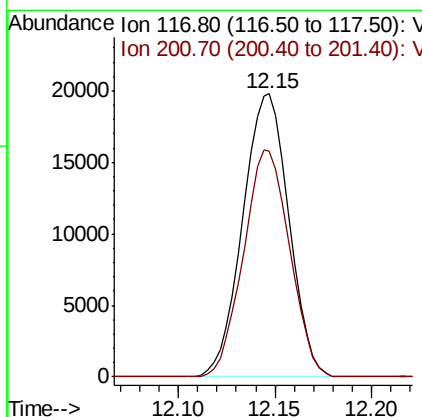
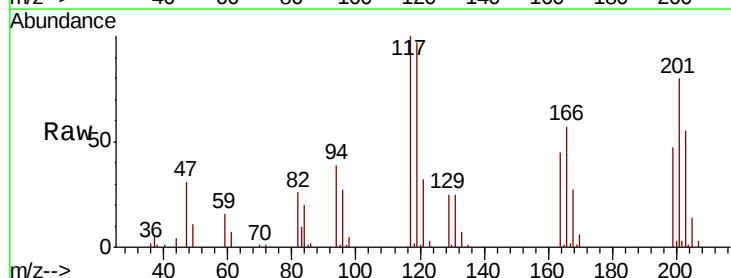
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS01

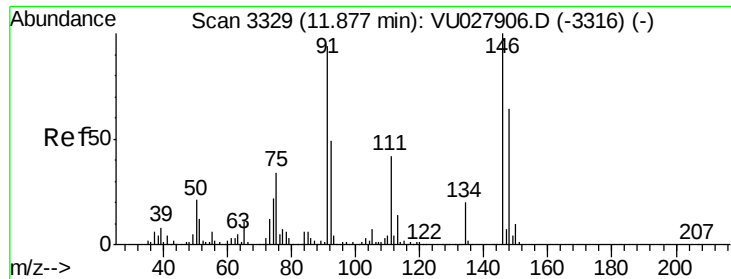
Tot Ion: 91 Resp: 168592
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 22.8 11.5 34.5



#90
Hexachloroethane
Concen: 20.384 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027942.D
Acq: 05 Nov 2018 09:21

Tgt Ion: 117 Resp: 32819
Ion Ratio Lower Upper
117 100
201 80.1 38.5 115.5

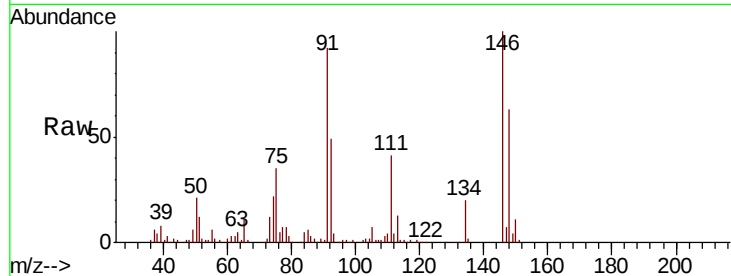




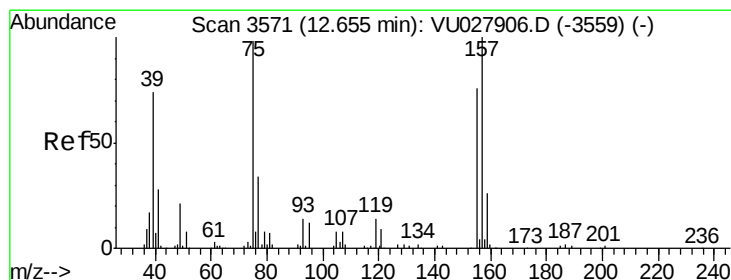
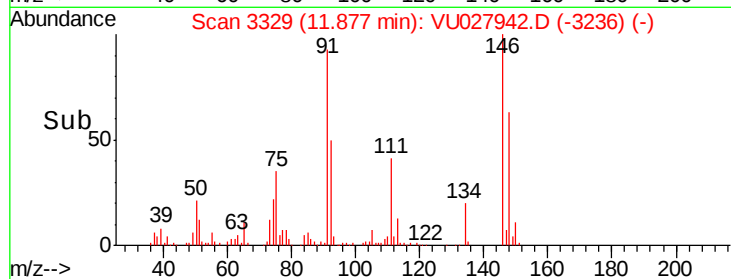
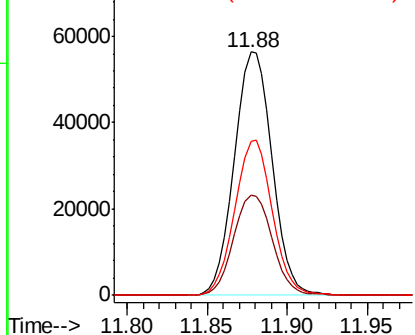
#91
 1,2-Dichlorobenzene
 Concen: 19.820 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Tot Ion:146 Resp: 90681
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 64.0
 148 63.6 31.8 95.3

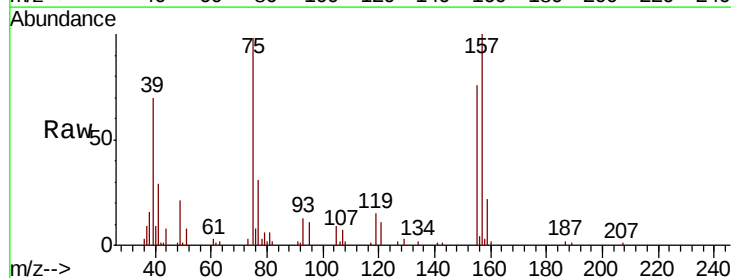


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

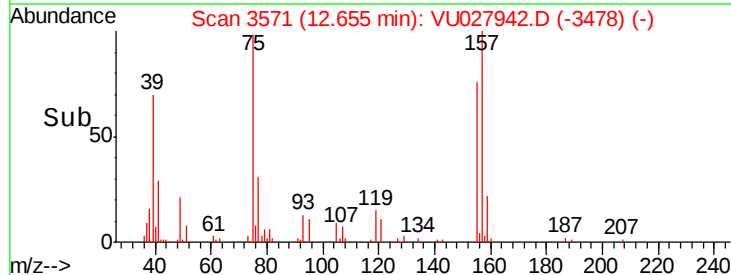
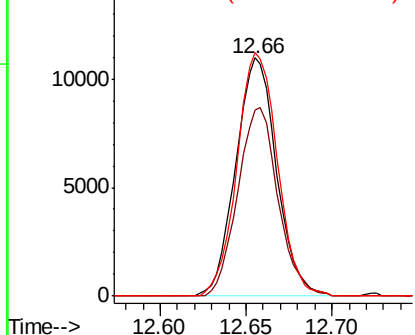


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.797 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion: 75 Resp: 18073
 Ion Ratio Lower Upper
 75 100
 155 77.9 39.8 119.3
 157 101.3 50.6 151.9



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

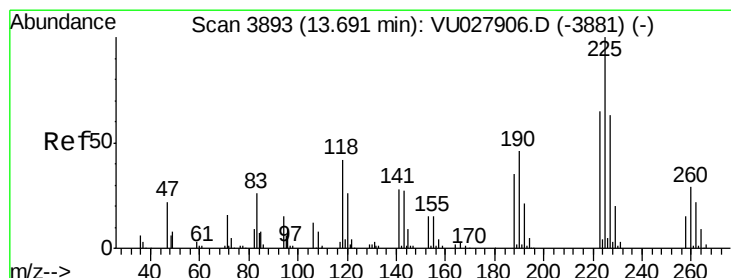
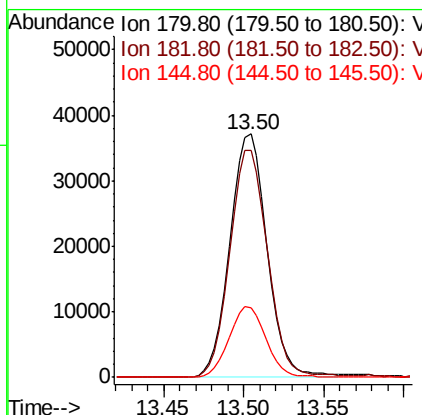
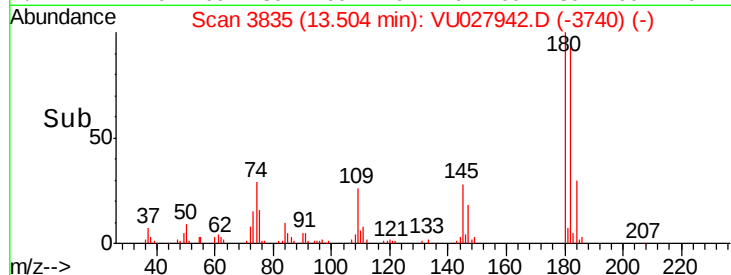
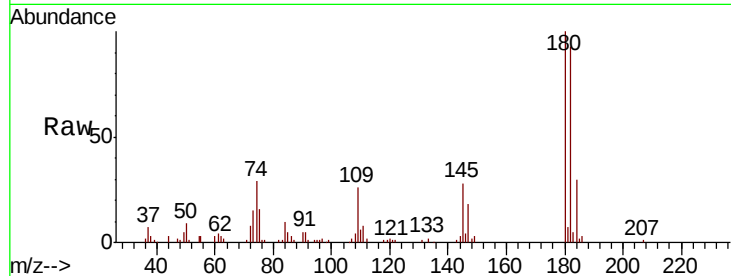




#93
 1,2,4-Trichlorobenzene
 Concen: 18.728 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

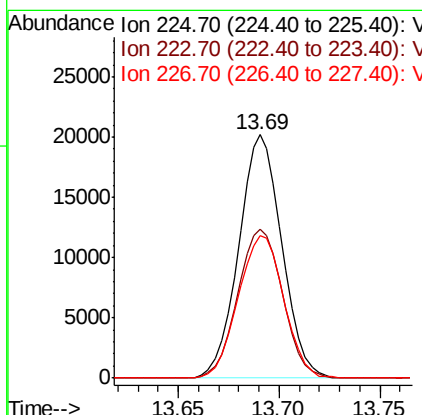
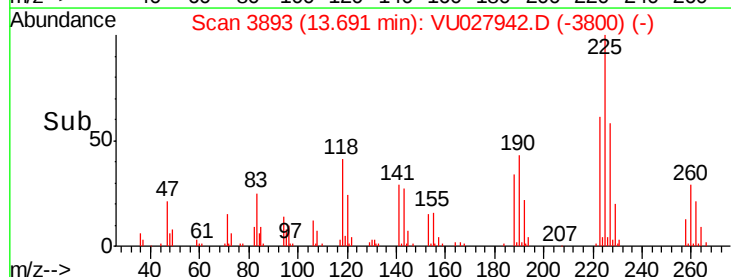
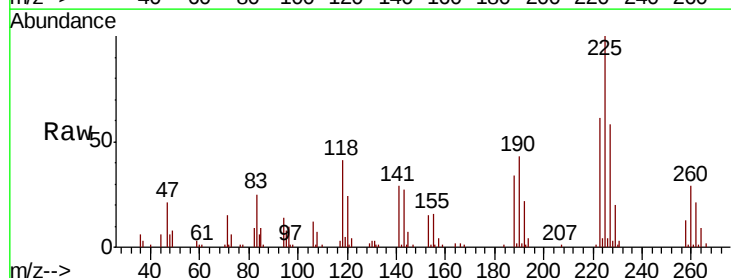
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

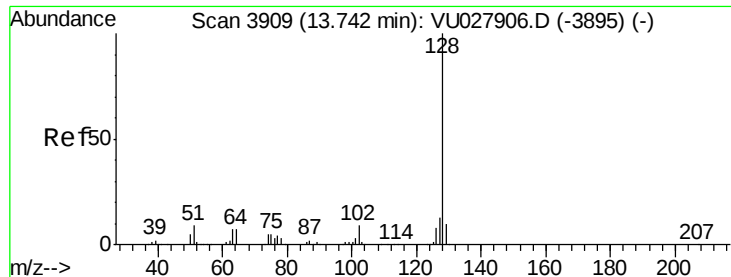
Tot Ion:180 Resp: 58699
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.4 145.2
 145 28.7 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 20.752 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027942.D
 Acq: 05 Nov 2018 09:21

Tgt Ion:225 Resp: 30176
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.2 96.6
 227 61.8 32.5 97.4





#95

Naphthalene

Concen: 18.150 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS01

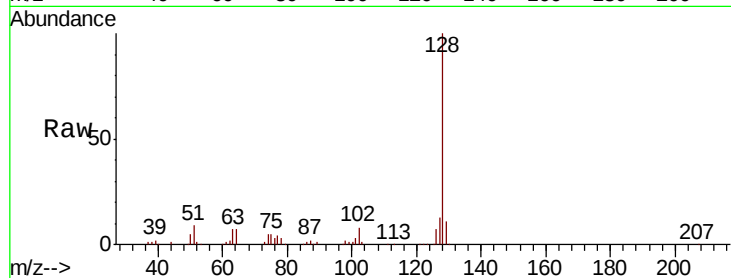
Tot Ion:128 Resp: 207726

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

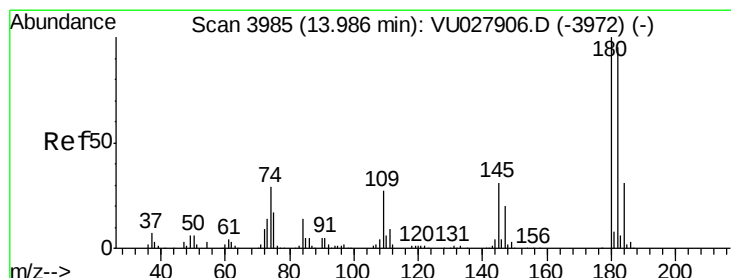
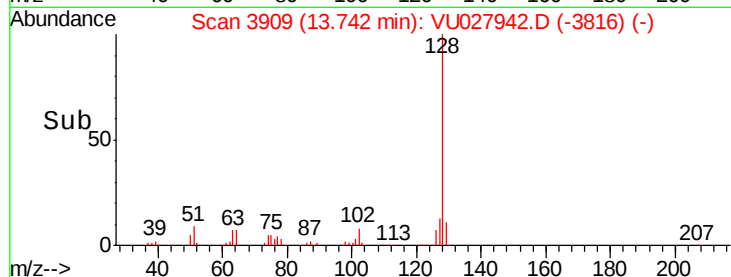
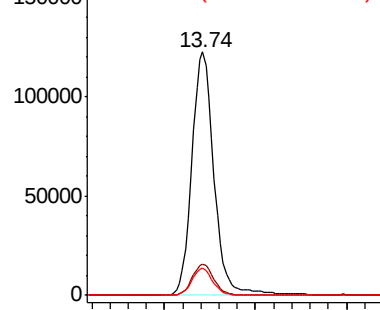
129 10.5 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.430 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027942.D

Acq: 05 Nov 2018 09:21

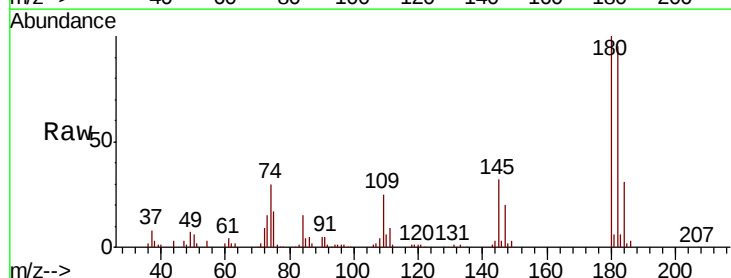
Tgt Ion:180 Resp: 59653

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.3

145 31.9 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

