

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU028999.D
 Acq On : 03 Jan 2019 15:54
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 04 00:46:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 00:41:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	132789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	216488	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	198634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	92439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	8286	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
35) Dibromofluoromethane	4.88	113	7136	5.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.18%	
50) Toluene-d8	7.56	98	26987	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
62) 4-Bromofluorobenzene	10.31	95	9038	4.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.08%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	6072	4.611 ug/l	93
3) Chloromethane	1.33	50	11401	4.838 ug/l	98
4) Vinyl Chloride	1.40	62	9192	4.737 ug/l	100
5) Bromomethane	1.60	94	6445	5.547 ug/l	98
6) Chloroethane	1.68	64	5763	4.986 ug/l	94
7) Trichlorofluoromethane	1.87	101	10727	5.073 ug/l	99
8) Diethyl Ether	2.10	74	4912	4.835 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.28	101	7114	5.028 ug/l	98
10) Methyl Iodide	2.40	142	6266	4.710 ug/l	97
11) Tert butyl alcohol	2.83	59	11438	27.413 ug/l #	94
12) 1,1-Dichloroethene	2.28	96	6854	4.977 ug/l	98
13) Acrolein	2.19	56	8630	27.544 ug/l	99
14) Allyl chloride	2.59	41	13132	5.197 ug/l	98
15) Acrylonitrile	2.94	53	24709	24.138 ug/l	99
16) Acetone	2.32	43	27872	26.953 ug/l	99
17) Carbon Disulfide	2.47	76	24536	4.788 ug/l	100
18) Methyl Acetate	2.62	43	11571	4.812 ug/l	99
19) Methyl tert-butyl Ether	3.00	73	23314	4.815 ug/l	99
20) Methylene Chloride	2.70	84	8722	4.968 ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	7837	4.898 ug/l	98
22) Diisopropyl ether	3.57	45	24259	4.857 ug/l #	88
23) Vinyl Acetate	3.52	43	97827	23.961 ug/l	99
24) 1,1-Dichloroethane	3.44	63	14450	5.012 ug/l	97
25) 2-Butanone	4.27	43	34645	24.805 ug/l	100
26) 2,2-Dichloropropane	4.22	77	11502	4.937 ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	8468	4.839 ug/l	97
28) Bromochloromethane	4.55	49	5944	4.815 ug/l #	97
29) Tetrahydrofuran	4.64	42	20893	24.663 ug/l	97
30) Chloroform	4.67	83	13718	4.996 ug/l	98
31) Cyclohexane	4.99	56	15558	4.876 ug/l #	79
32) 1,1,1-Trichloroethane	4.91	97	11202	4.937 ug/l	99
36) 1,1-Dichloropropene	5.13	75	10741	4.964 ug/l	98
37) Ethyl Acetate	4.39	43	10970	4.435 ug/l #	91
38) Carbon Tetrachloride	5.13	117	8923	4.944 ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU028999.D
 Acq On : 03 Jan 2019 15:54
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 04 00:46:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 00:41:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	12301	4.624	ug/l	95
40) Benzene	5.39	78	33404	4.949	ug/l	100
41) Methacrylonitrile	4.55	41	5962	4.689	ug/l	98
42) 1,2-Dichloroethane	5.40	62	10307	5.082	ug/l	99
43) Isopropyl Acetate	5.55	43	17284	4.744	ug/l	98
44) Trichloroethene	6.18	130	7694	4.601	ug/l	85
45) 1,2-Dichloropropane	6.43	63	8588	4.818	ug/l	99
46) Dibromomethane	6.56	93	5516	4.841	ug/l	99
47) Bromodichloromethane	6.75	83	10115	4.821	ug/l	98
48) Methyl methacrylate	6.63	41	8610	4.853	ug/l	97
49) 1,4-Dioxane	6.62	88	3999	95.113	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	57454	23.170	ug/l	100
52) Toluene	7.64	92	19997	4.867	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	11956	4.744	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	13187	4.842	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	8215	4.990	ug/l	96
56) Ethyl methacrylate	8.02	69	11843	4.670	ug/l	98
57) 1,3-Dichloropropane	8.24	76	13488	4.788	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	26097	23.399	ug/l	99
59) 2-Hexanone	8.36	43	46480	23.879	ug/l	99
60) Dibromochloromethane	8.48	129	7693	4.717	ug/l	97
61) 1,2-Dibromoethane	8.58	107	8406	4.708	ug/l	99
64) Tetrachloroethene	8.23	164	6946	4.854	ug/l	95
65) Chlorobenzene	9.12	112	22282	5.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	7170	4.962	ug/l	97
67) Ethyl Benzene	9.25	91	35910	4.831	ug/l	98
68) m/p-Xylenes	9.37	106	27710	9.594	ug/l	98
69) o-Xylene	9.78	106	13574	4.877	ug/l	97
70) Styrene	9.79	104	21022	4.608	ug/l	98
71) Bromoform	9.96	173	5981	4.649	ug/l #	99
73) Isopropylbenzene	10.16	105	35157	5.138	ug/l	100
74) N-amyl acetate	10.01	43	14246	4.832	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	14121	5.149	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	15734	6.707	ug/l	82
77) Bromobenzene	10.45	156	9055	5.078	ug/l	98
78) n-propylbenzene	10.58	91	39010	4.838	ug/l	99
79) 2-Chlorotoluene	10.66	91	24702	5.050	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	28254	4.945	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	15734	14.070	ug/l #	100
82) 4-Chlorotoluene	10.77	91	27668	4.933	ug/l	98
83) tert-Butylbenzene	11.10	119	27253	4.839	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	27445	4.811	ug/l	98
85) sec-Butylbenzene	11.32	105	33339	4.895	ug/l	99
86) p-Isopropyltoluene	11.48	119	27799	4.790	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	15594	4.768	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	16815	4.981	ug/l	95
89) n-Butylbenzene	11.89	91	23475	4.532	ug/l	98
90) Hexachloroethane	12.14	117	4870	4.988	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	16419	4.984	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	2505	4.749	ug/l	96

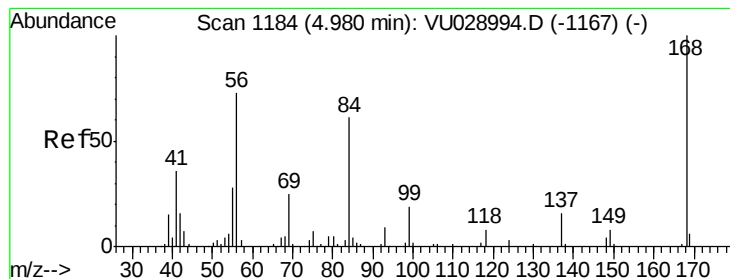
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
Data File : VU028999.D
Acq On : 03 Jan 2019 15:54
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Jan 04 00:46:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 00:41:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	8996	4.278	ug/l	100
94) Hexachlorobutadiene	13.69	225	4871	5.064	ug/l	94
95) Naphthalene	13.75	128	29676	4.149	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	9675	4.327	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

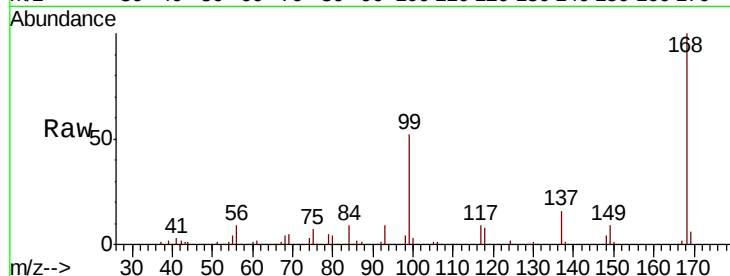
VSTDIC005

Tgt Ion:168 Resp: 132789

Ion Ratio Lower Upper

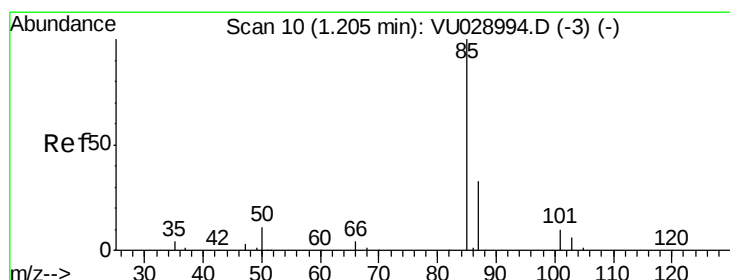
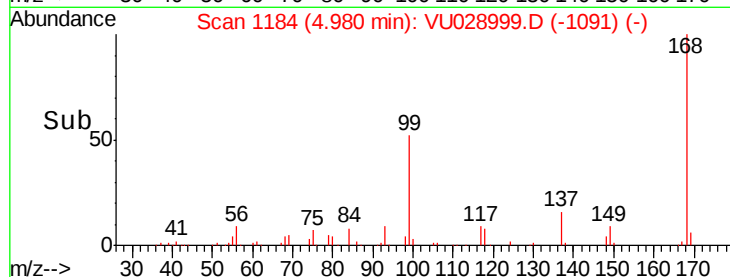
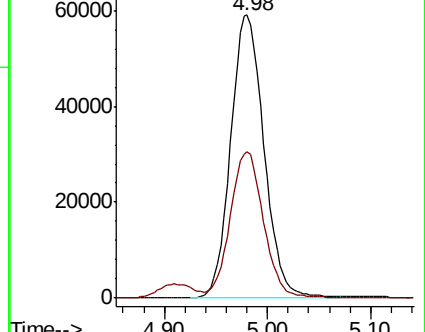
168 100

99 51.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028999.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028999.D (-1167) (-)



#2

Dichlorodifluoromethane

Concen: 4.611 ug/l

RT: 1.20 min Scan# 9

Delta R.T. -0.00 min

Lab File: VU028999.D

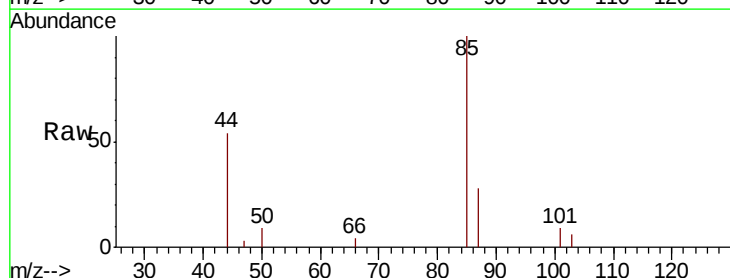
Acq: 03 Jan 2019 15:54

Tgt Ion: 85 Resp: 6072

Ion Ratio Lower Upper

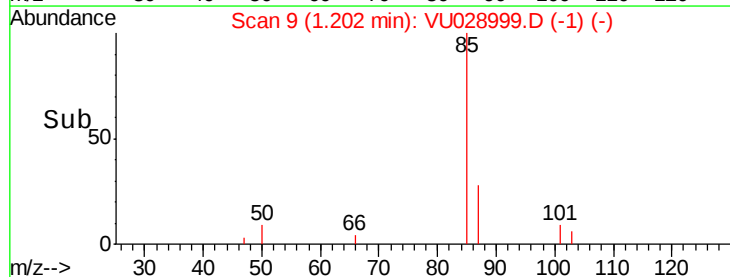
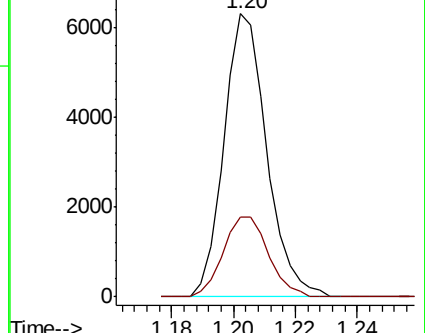
85 100

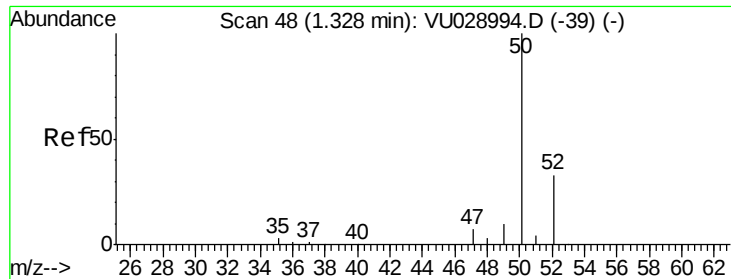
87 28.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028999.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028999.D (-3) (-)

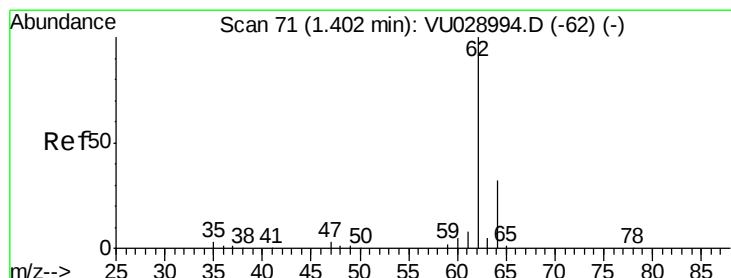
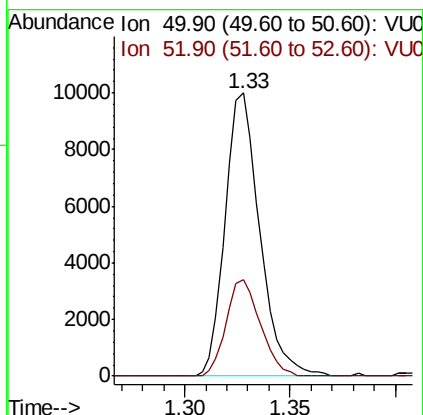
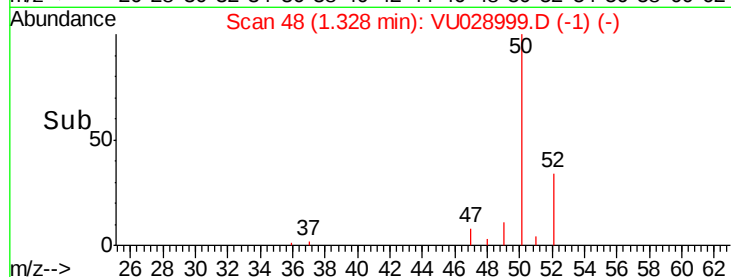
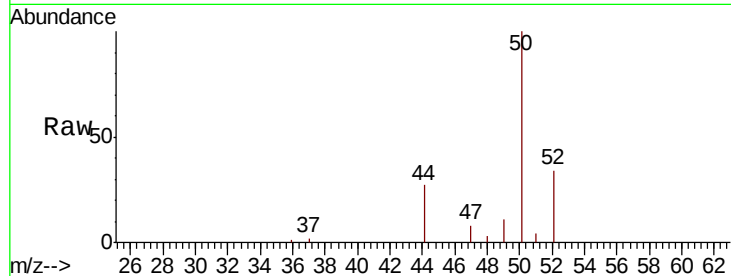




#3
Chloromethane
Concen: 4.838 ug/l
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

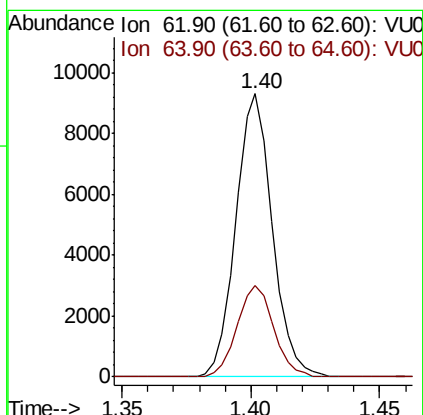
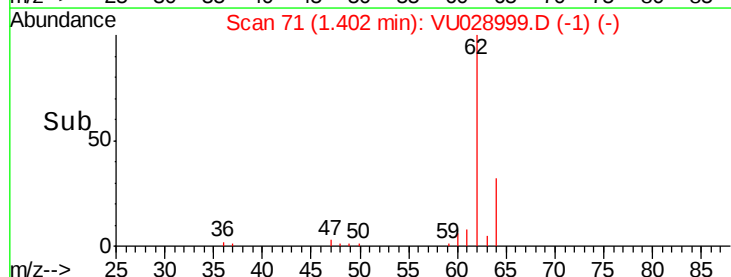
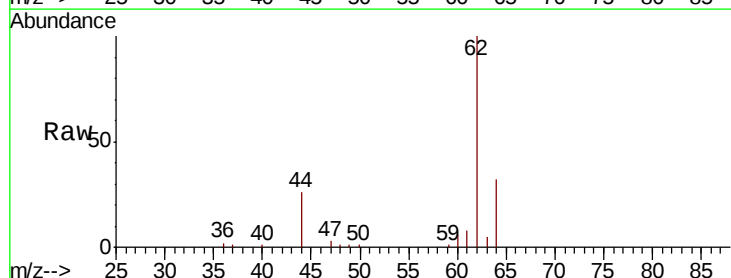
Instrument :
MSVOA_U
ClientSampled :
VSTDIC005

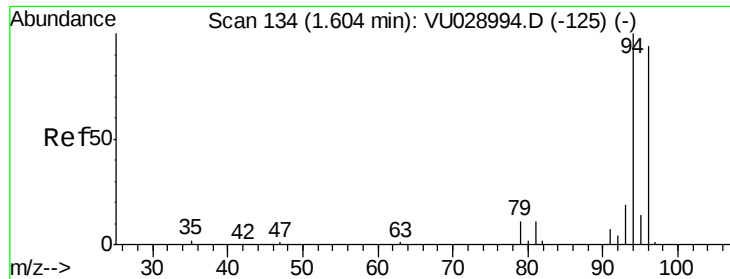
Tgt Ion: 50 Resp: 11401
Ion Ratio Lower Upper
50 100
52 34.0 26.1 39.1



#4
Vinyl Chloride
Concen: 4.737 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 62 Resp: 9192
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9

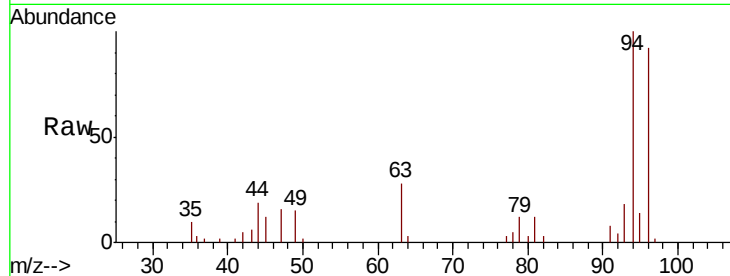




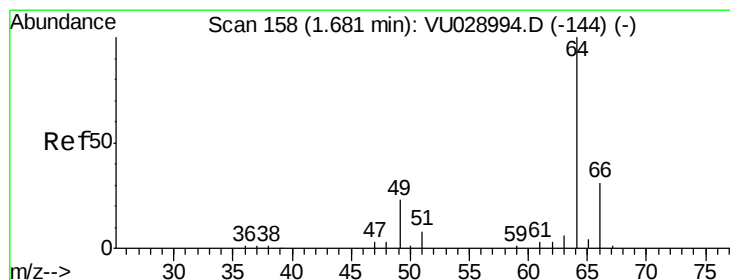
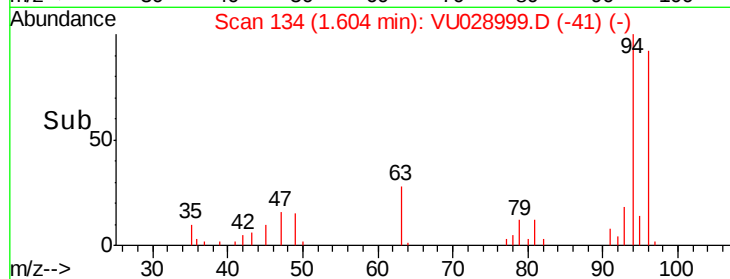
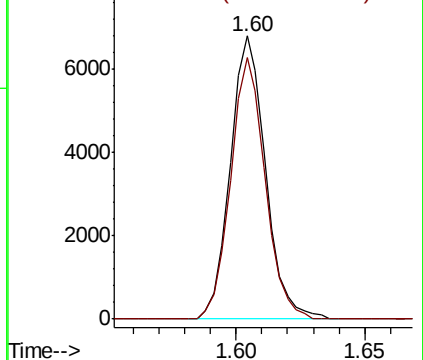
#5
Bromomethane
Concen: 5.547 ug/l
RT: 1.60 min Scan# 134
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 6445
Ion Ratio Lower Upper
94 100
96 92.3 75.5 113.3

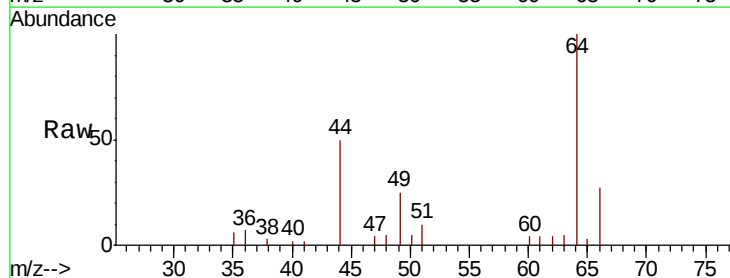


Abundance Ion 93.90 (93.60 to 94.60): VU0
Ion 95.90 (95.60 to 96.60): VU0

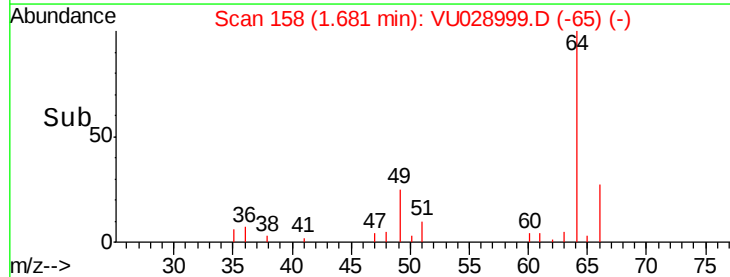
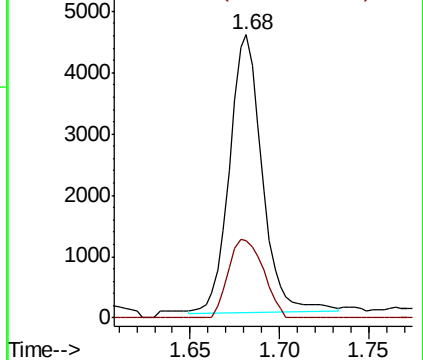


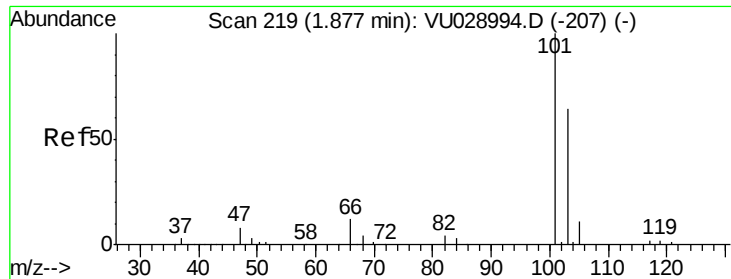
#6
Chloroethane
Concen: 4.986 ug/l
RT: 1.68 min Scan# 158
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 64 Resp: 5763
Ion Ratio Lower Upper
64 100
66 28.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU0
Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 5.073 ug/l

RT: 1.87 min Scan# 218

Delta R.T. -0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

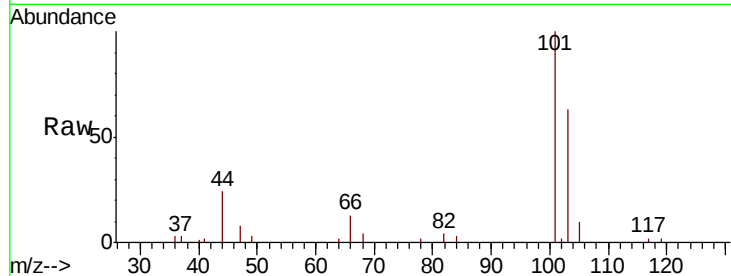
VSTDIC005

Tgt Ion:101 Resp: 10727

Ion Ratio Lower Upper

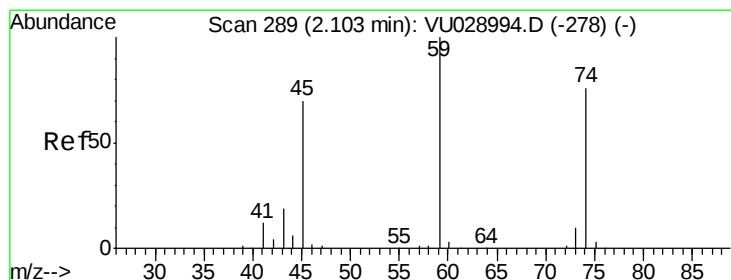
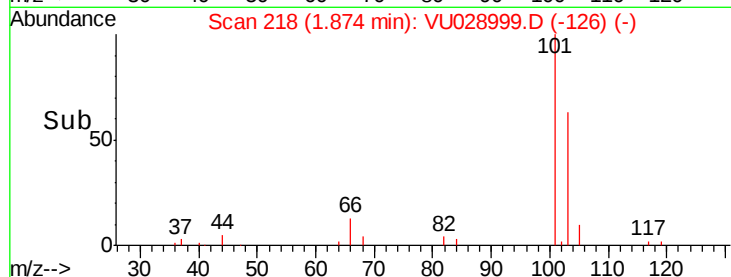
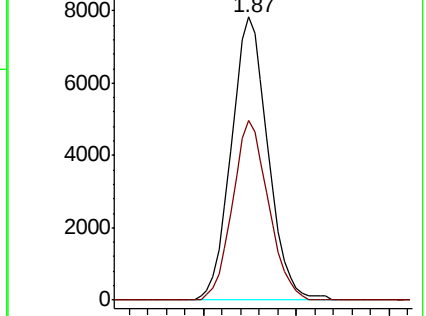
101 100

103 63.5 51.5 77.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.835 ug/l

RT: 2.10 min Scan# 289

Delta R.T. 0.00 min

Lab File: VU028999.D

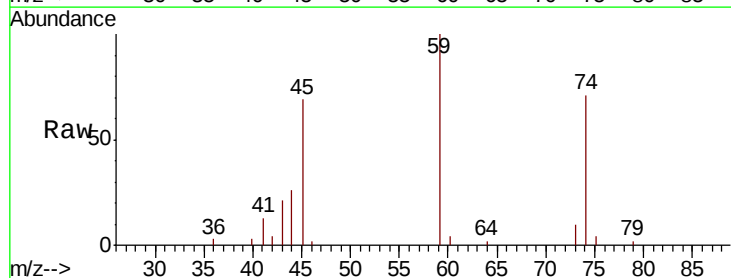
Acq: 03 Jan 2019 15:54

Tgt Ion: 74 Resp: 4912

Ion Ratio Lower Upper

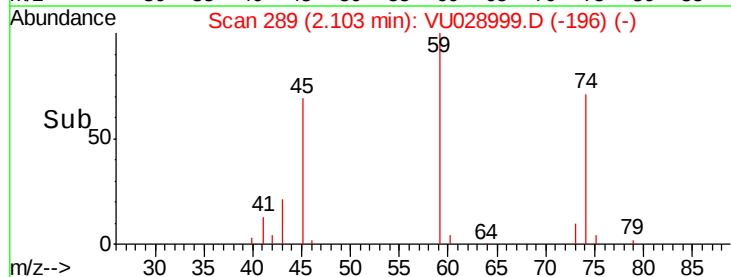
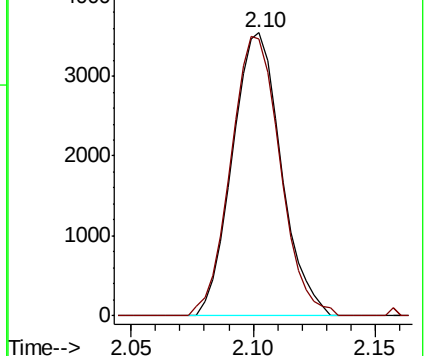
74 100

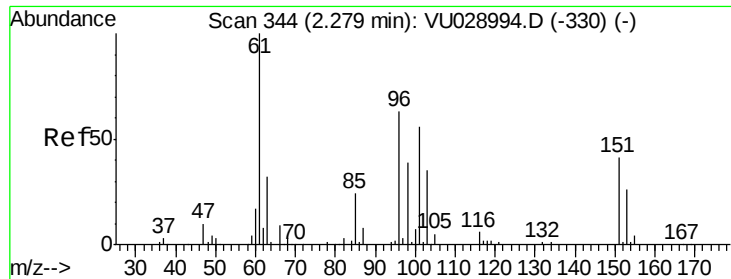
45 99.7 46.9 140.6



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.028 ug/l

RT: 2.28 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

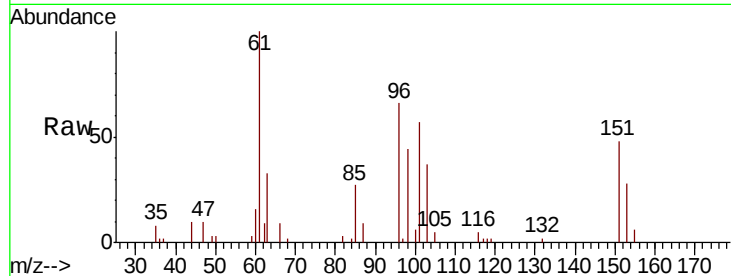
Tgt Ion:101 Resp: 7114

Ion Ratio Lower Upper

101 100

85 43.4 35.1 52.7

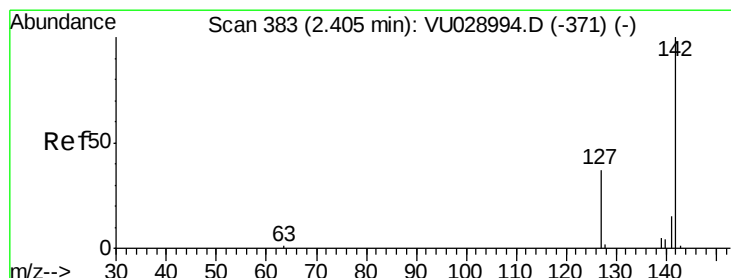
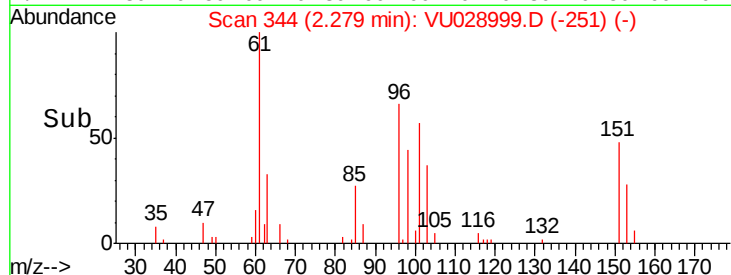
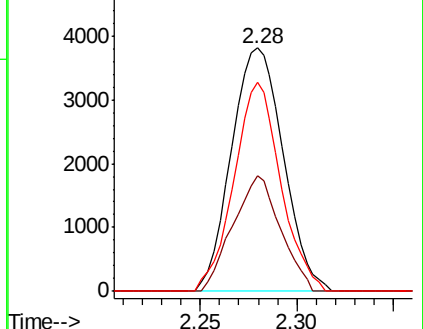
151 77.2 60.2 90.2



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: 4.710 ug/l

RT: 2.40 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

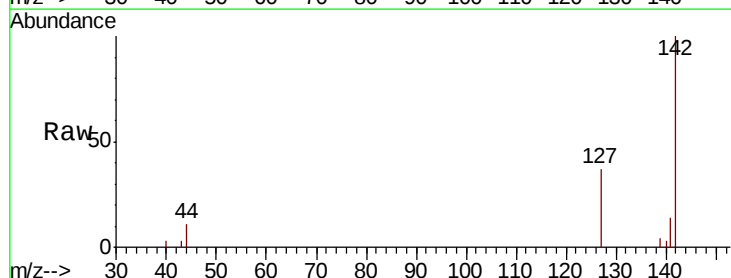
Tgt Ion:142 Resp: 6266

Ion Ratio Lower Upper

142 100

127 36.1 29.8 44.6

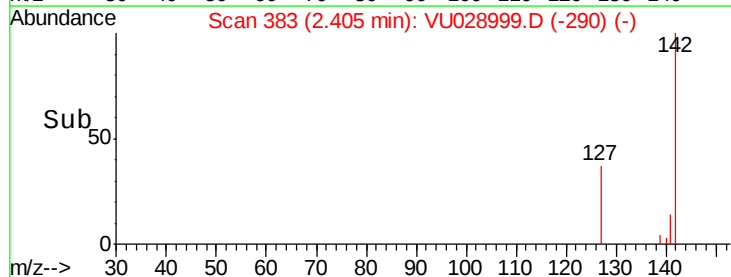
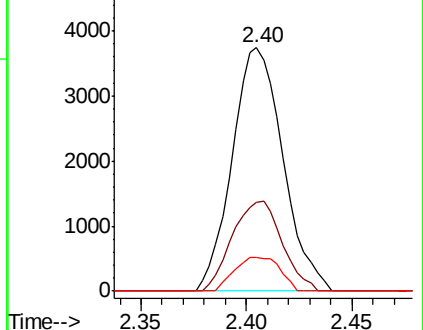
141 12.4 11.5 17.3

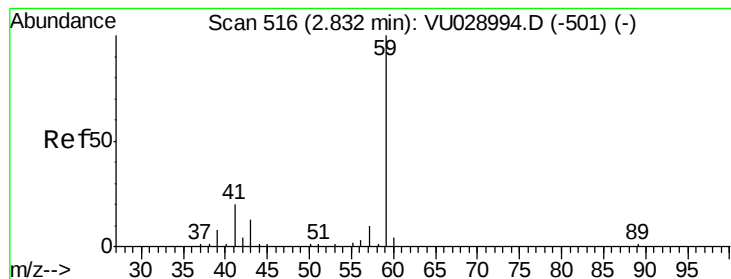


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



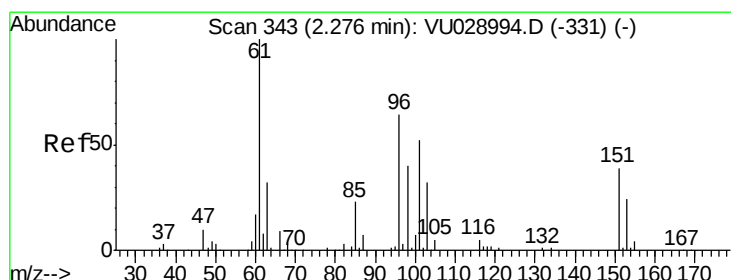
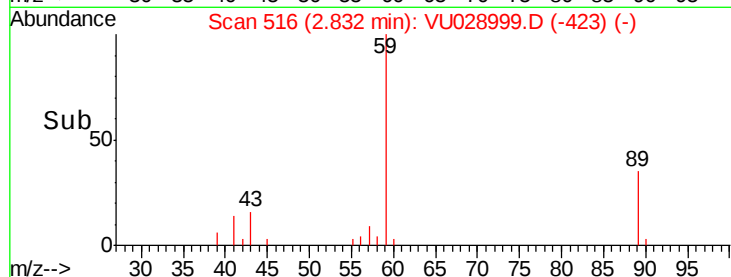
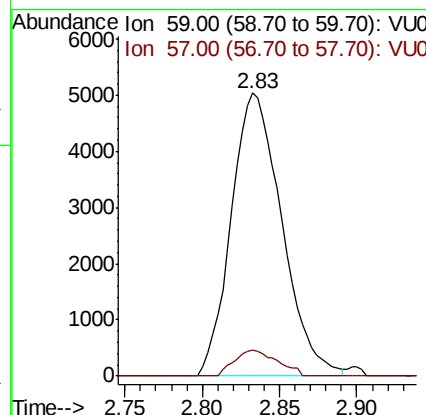
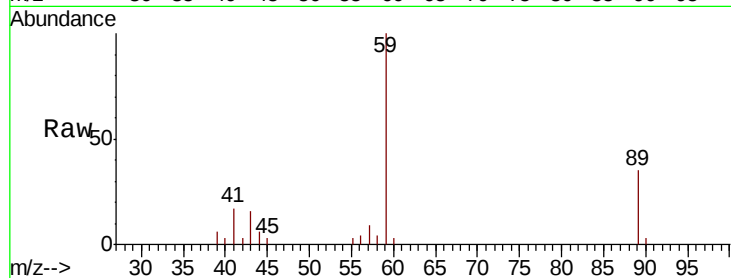


#11

Tert butyl alcohol
 Concen: 27.413 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

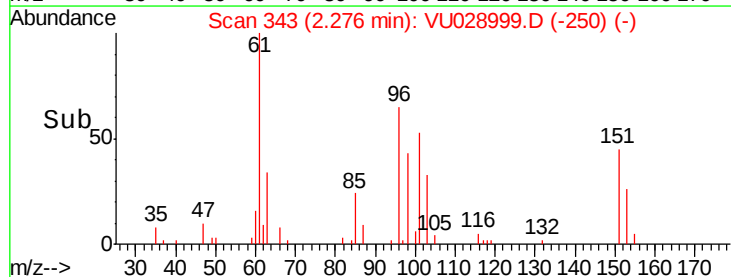
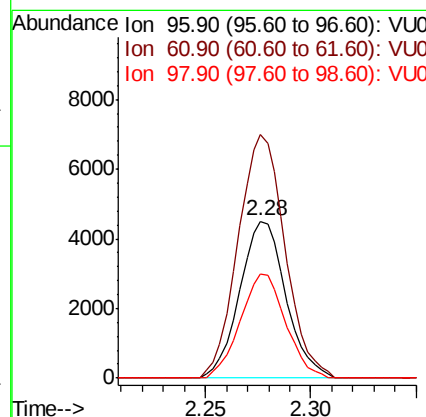
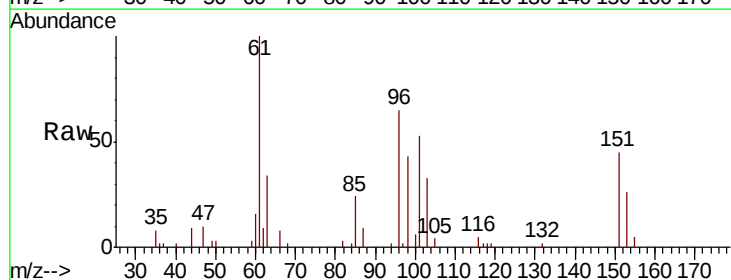
Tgt Ion: 59 Resp: 11438
 Ion Ratio Lower Upper
 59 100
 57 7.8 7.9 11.9#

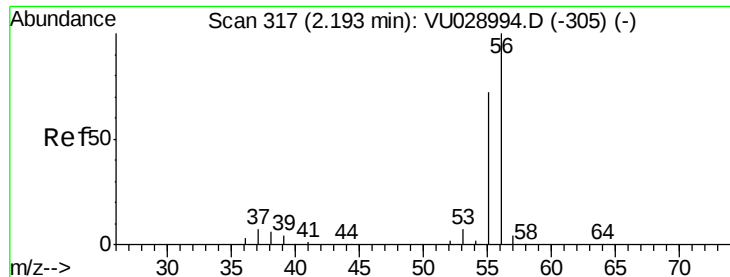


#12

1,1-Dichloroethene
 Concen: 4.977 ug/l
 RT: 2.28 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion: 96 Resp: 6854
 Ion Ratio Lower Upper
 96 100
 61 155.0 125.4 188.0
 98 66.0 49.7 74.5





#13

Acrolein

Concen: 27.544 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

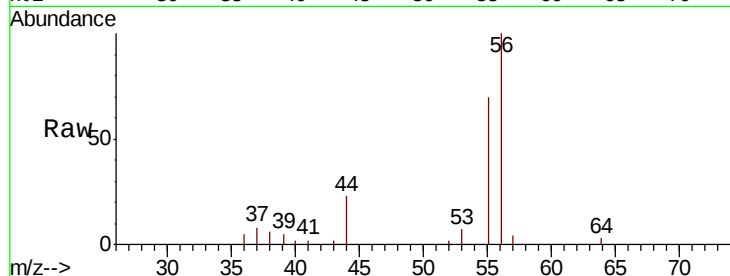
VSTDIC005

Tgt Ion: 56 Resp: 8630

Ion Ratio Lower Upper

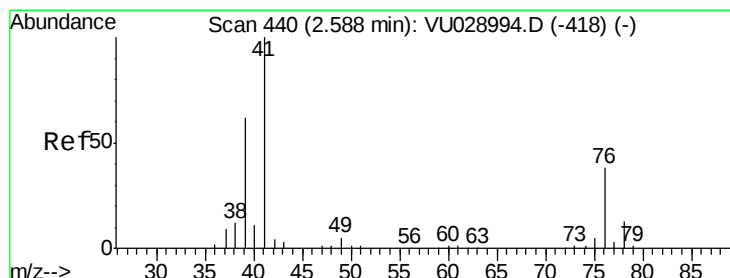
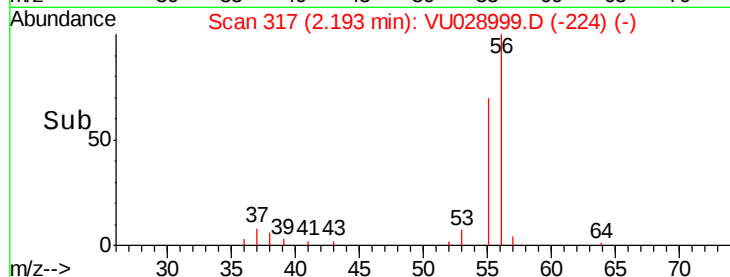
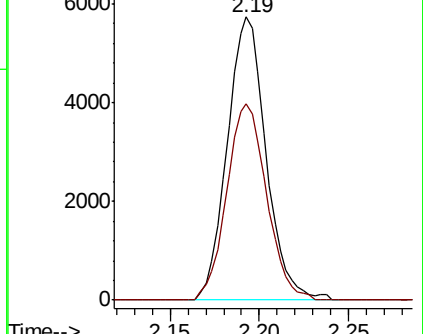
56 100

55 71.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 5.197 ug/l

RT: 2.59 min Scan# 440

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

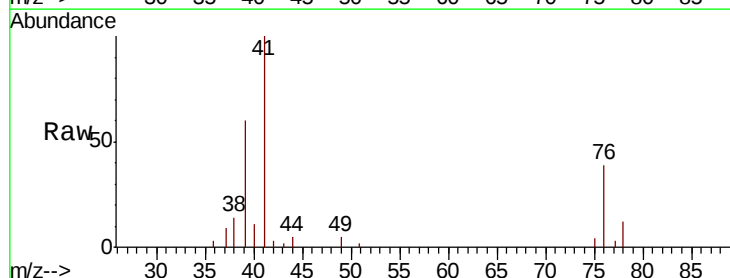
Tgt Ion: 41 Resp: 13132

Ion Ratio Lower Upper

41 100

39 54.8 45.0 67.6

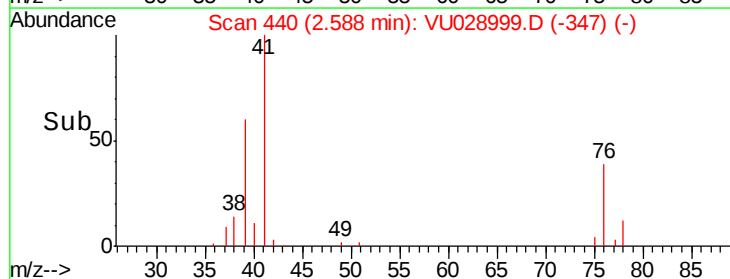
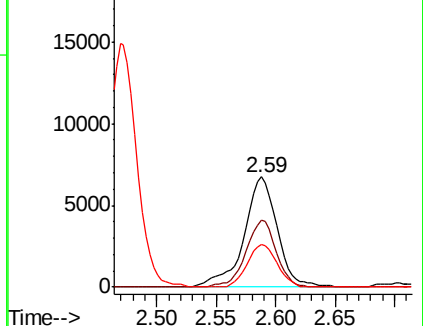
76 34.4 28.1 42.1

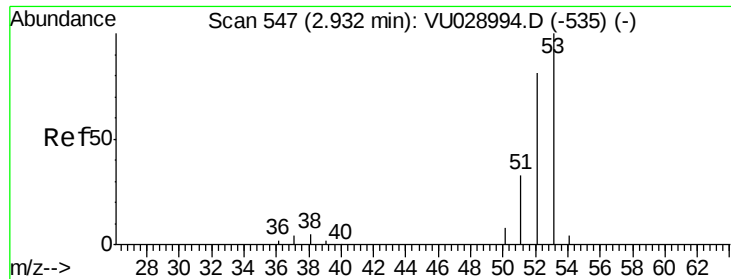


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 24.138 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

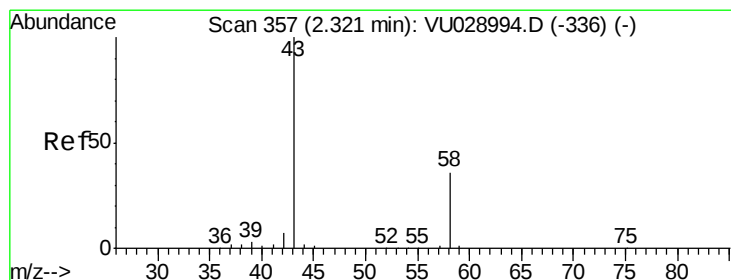
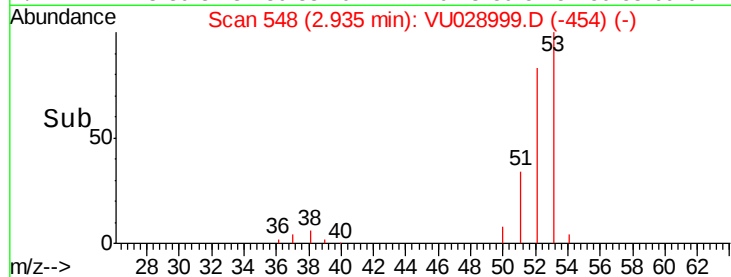
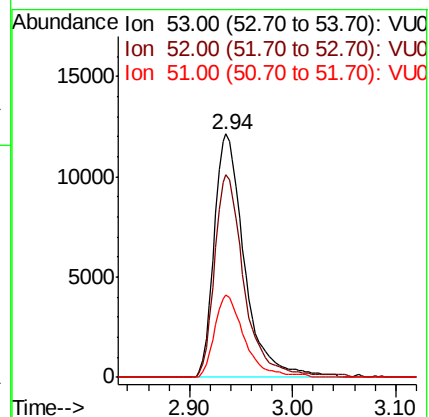
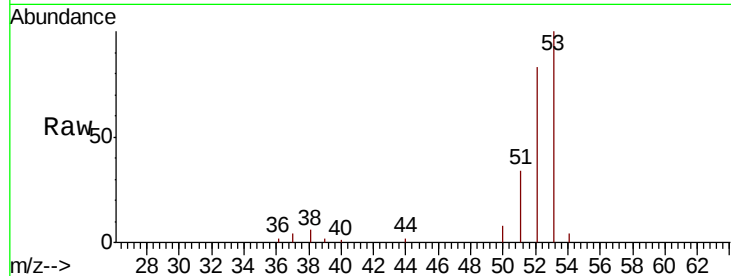
Tgt Ion: 53 Resp: 24709

Ion Ratio Lower Upper

53 100

52 80.7 64.8 97.2

51 32.9 27.3 40.9



#16

Acetone

Concen: 26.953 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028999.D

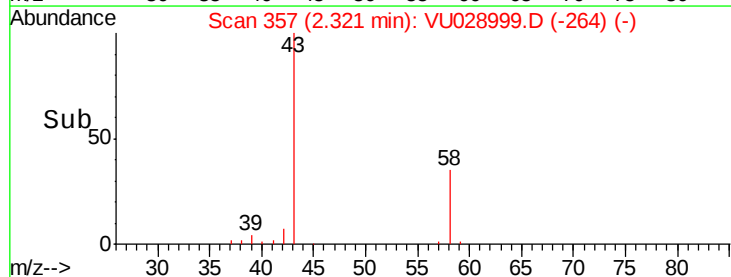
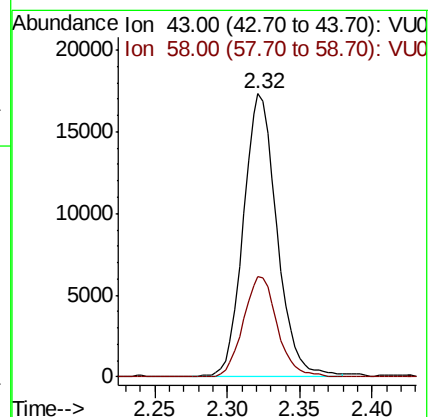
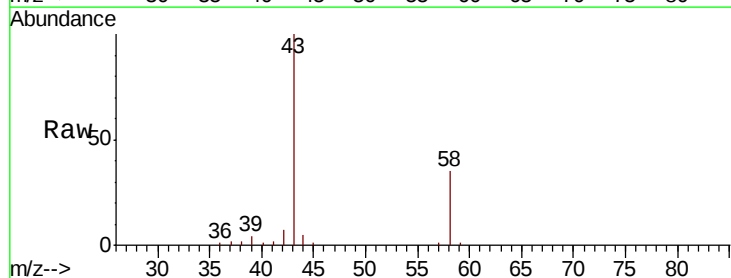
Acq: 03 Jan 2019 15:54

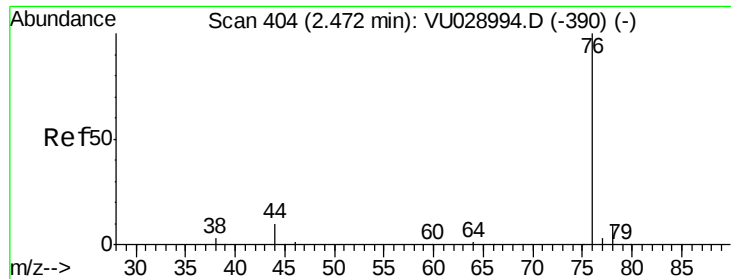
Tgt Ion: 43 Resp: 27872

Ion Ratio Lower Upper

43 100

58 35.3 28.6 42.8

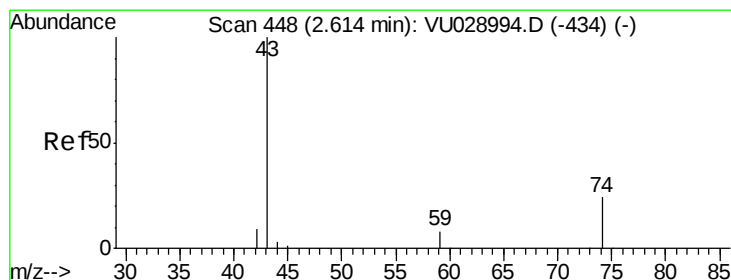
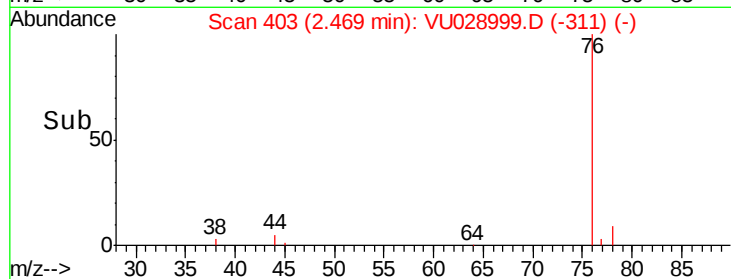
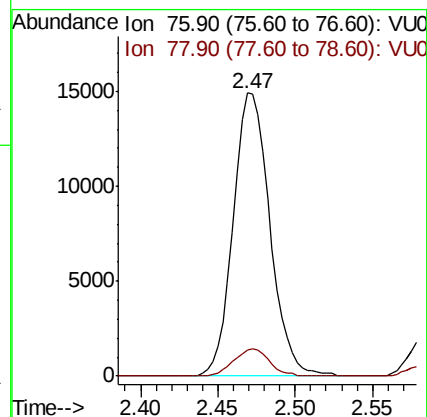
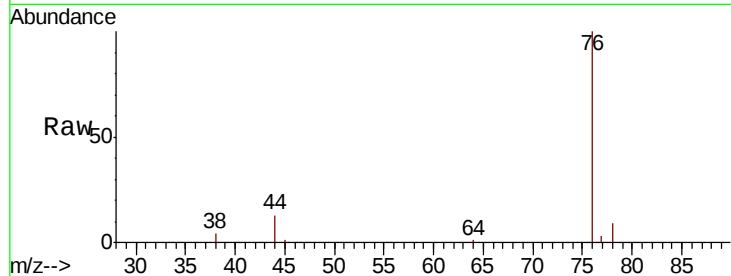




#17
Carbon Disulfide
Concen: 4.788 ug/l
RT: 2.47 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

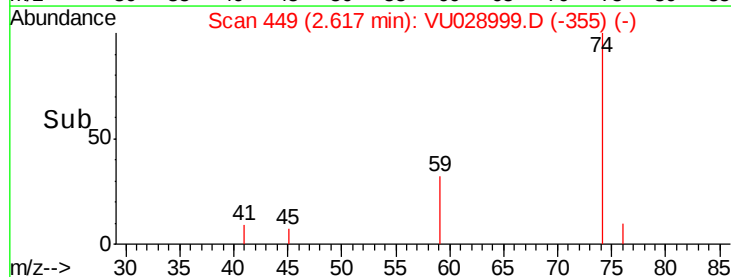
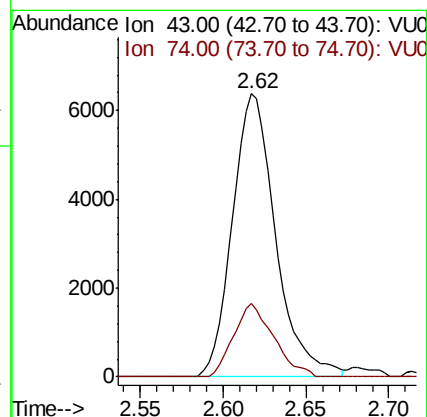
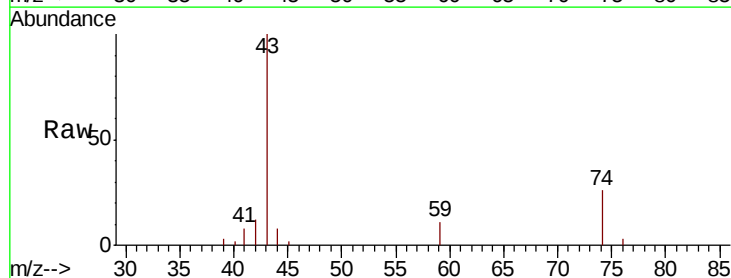
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

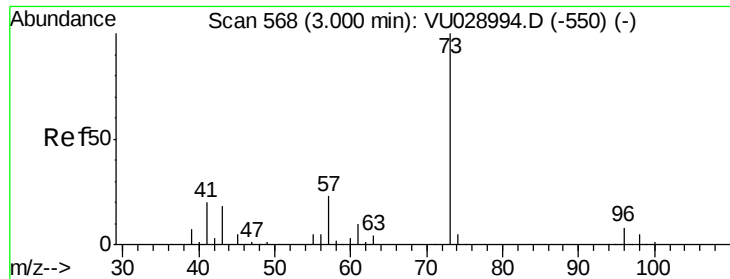
Tgt Ion: 76 Resp: 24536
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 4.812 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 43 Resp: 11571
Ion Ratio Lower Upper
43 100
74 24.0 19.5 29.3

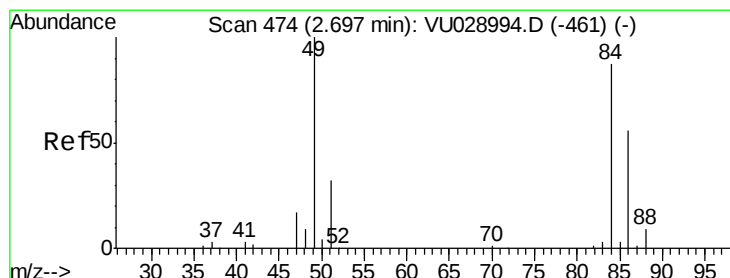
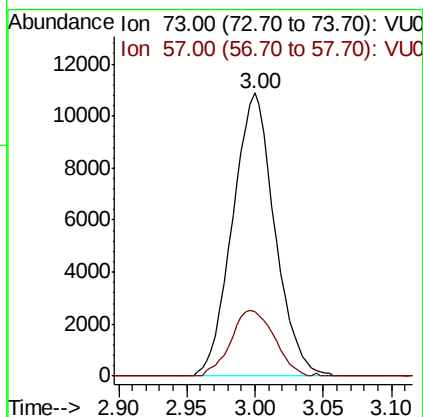
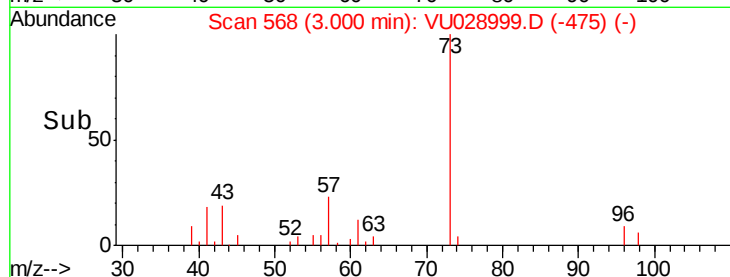
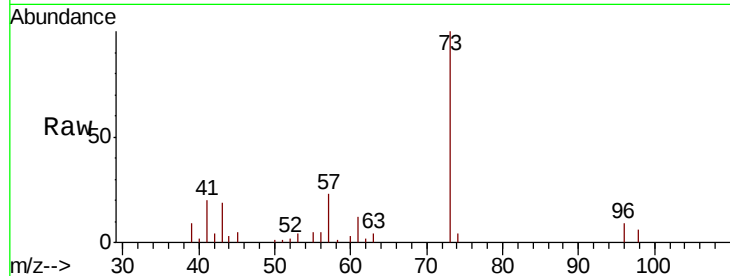




#19
Methyl tert-butyl Ether
Concen: 4.815 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

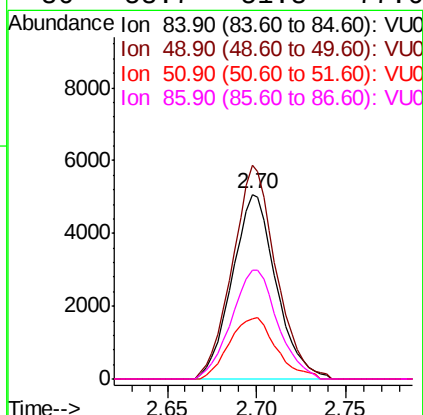
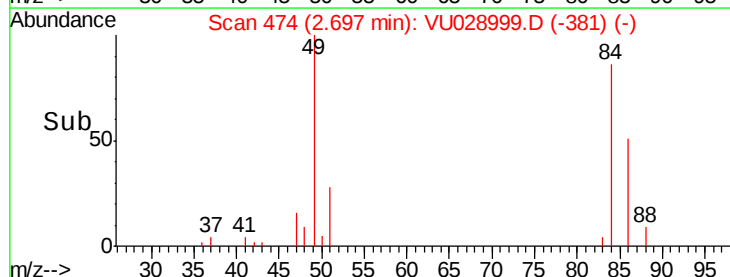
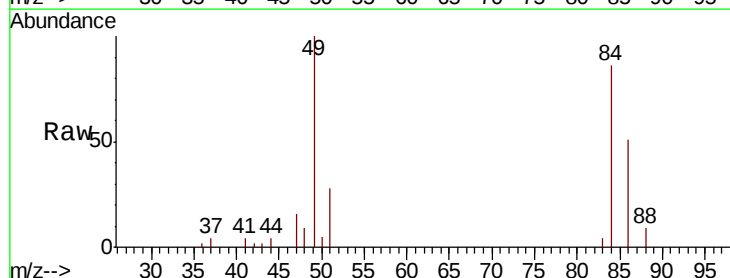
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

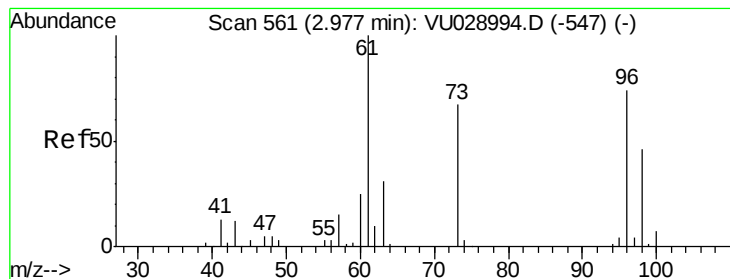
Tgt Ion: 73 Resp: 23314
Ion Ratio Lower Upper
73 100
57 22.7 18.6 28.0



#20
Methylene Chloride
Concen: 4.968 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 84 Resp: 8722
Ion Ratio Lower Upper
84 100
49 115.8 91.9 137.9
51 32.6 29.2 43.8
86 58.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 4.898 ug/l

RT: 2.98 min Scan# 561

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

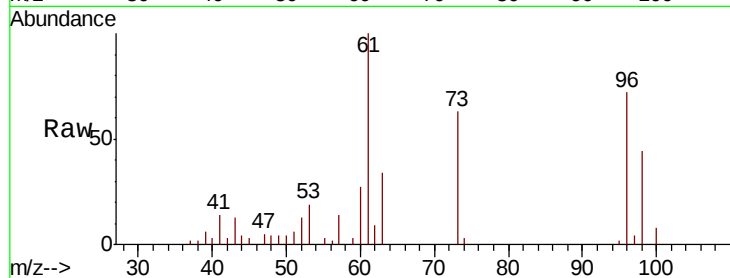
Tgt Ion: 96 Resp: 7837

Ion Ratio Lower Upper

96 100

61 138.6 107.7 161.5

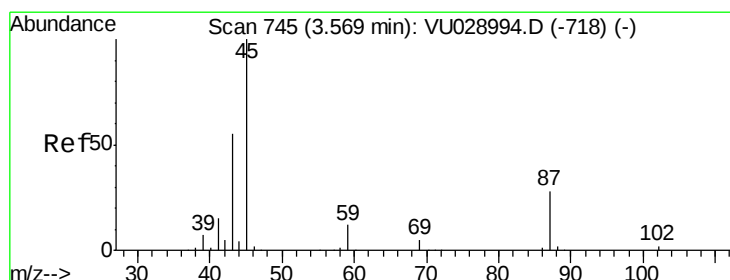
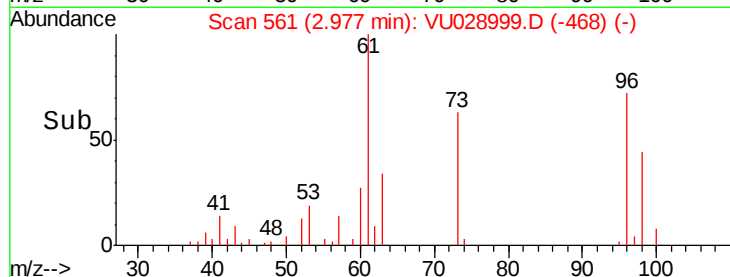
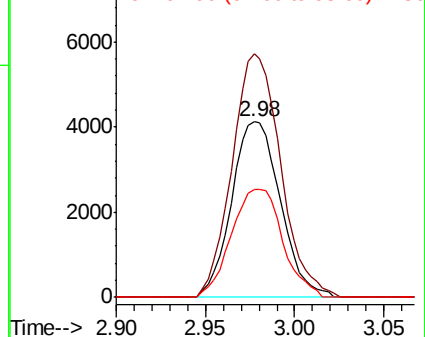
98 61.5 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 4.857 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Tgt Ion: 45 Resp: 24259

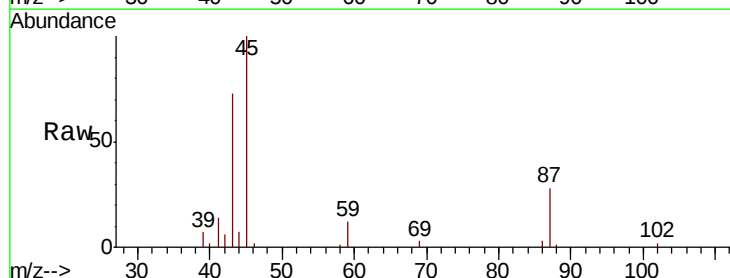
Ion Ratio Lower Upper

45 100

43 69.6 44.7 67.1#

87 28.4 22.2 33.2

59 11.6 9.8 14.8

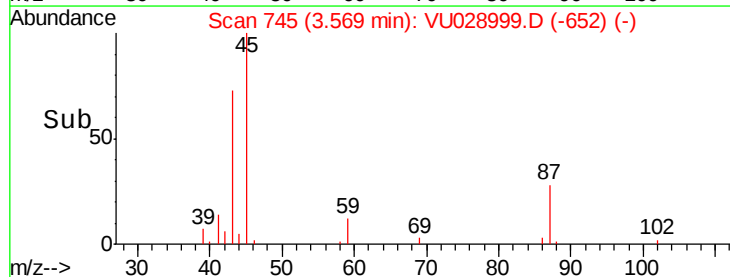
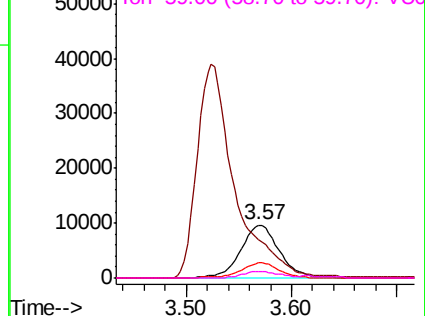


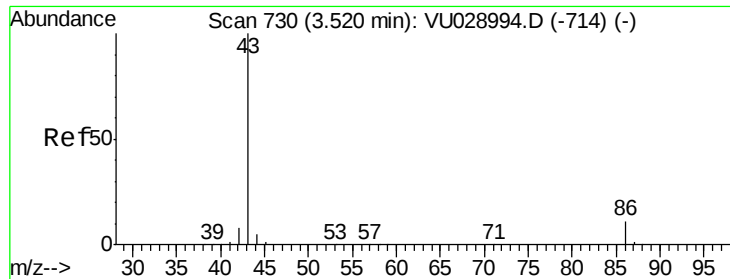
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 23.961 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

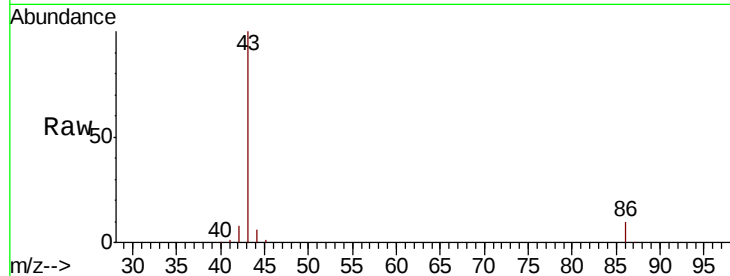
VSTDIC005

Tgt Ion: 43 Resp: 97827

Ion Ratio Lower Upper

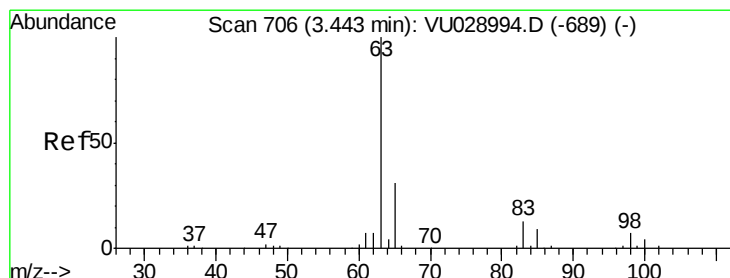
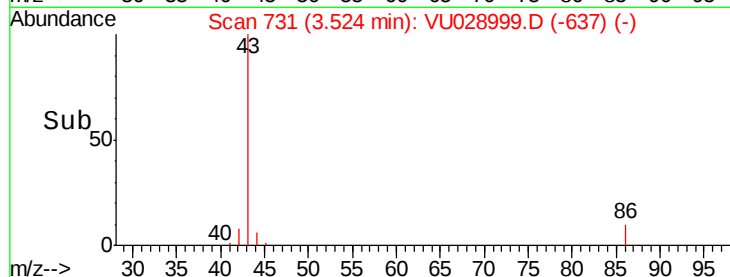
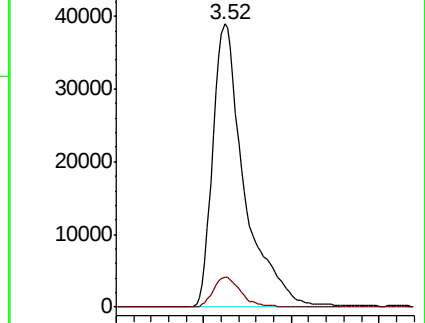
43 100

86 10.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 5.012 ug/l

RT: 3.44 min Scan# 705

Delta R.T. -0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

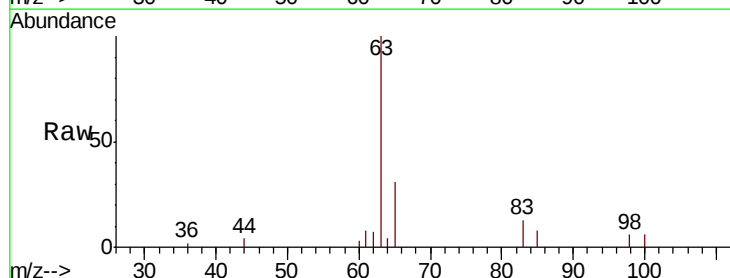
Tgt Ion: 63 Resp: 14450

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.1

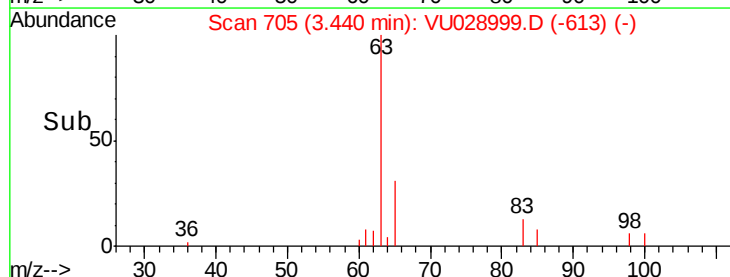
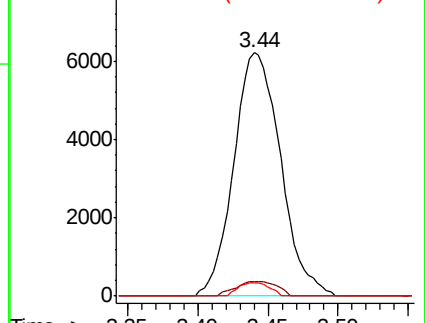
100 5.7 2.0 5.8

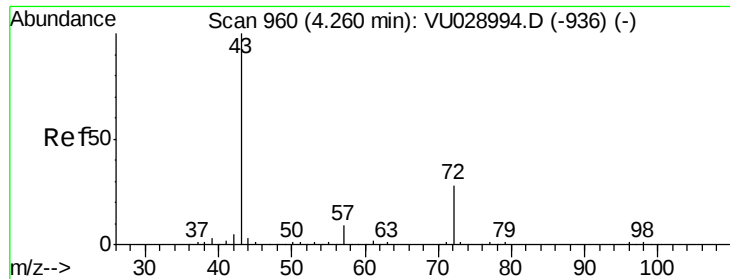


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 24.805 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.01 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

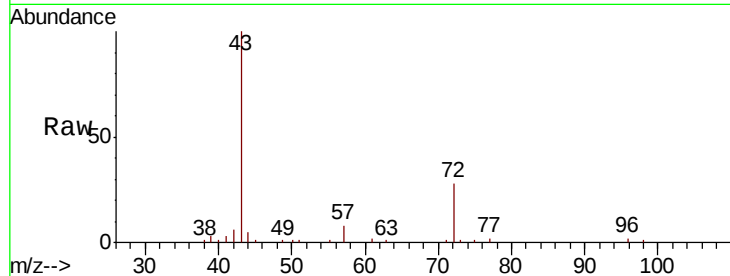
VSTDIC005

Tgt Ion: 43 Resp: 34645

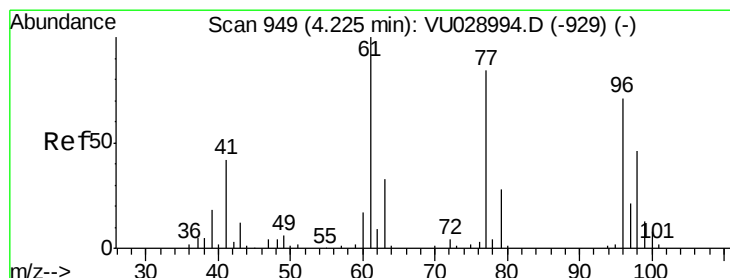
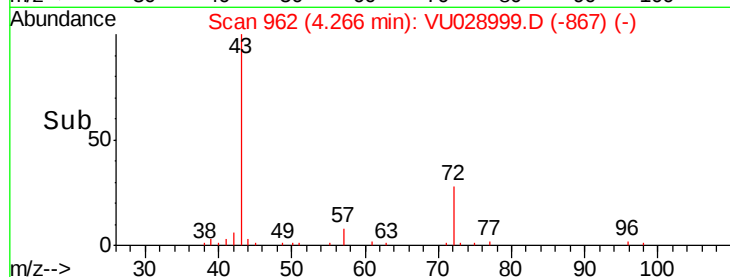
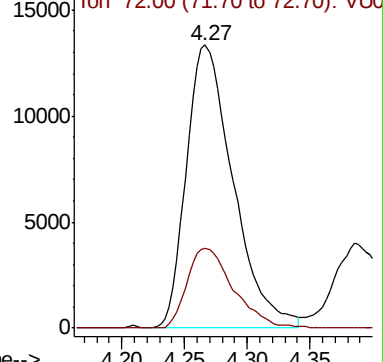
Ion Ratio Lower Upper

43 100

72 28.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU028999.D (-867) (-)



#26

2,2-Dichloropropane

Concen: 4.937 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU028999.D

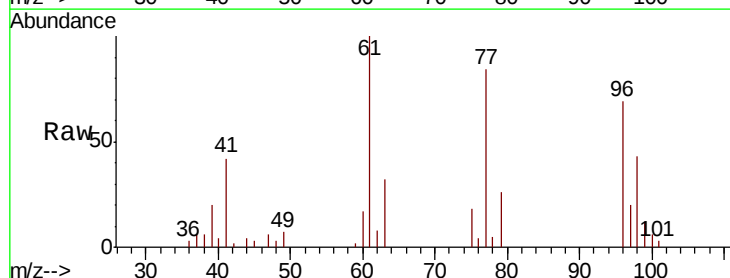
Acq: 03 Jan 2019 15:54

Tgt Ion: 77 Resp: 11502

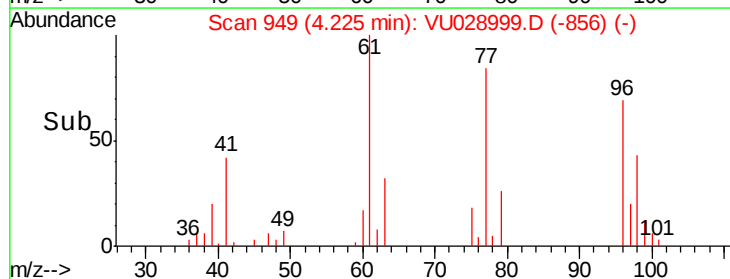
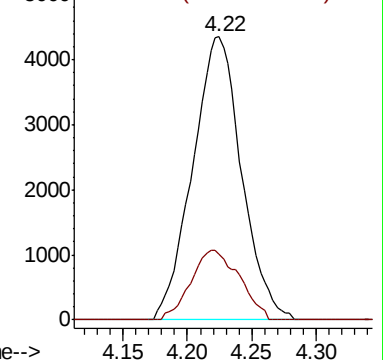
Ion Ratio Lower Upper

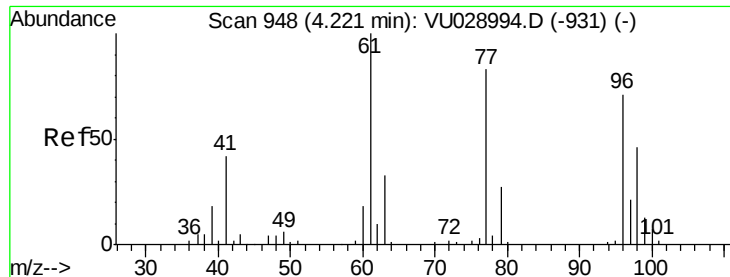
77 100

97 24.3 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU028999.D (-856) (-)



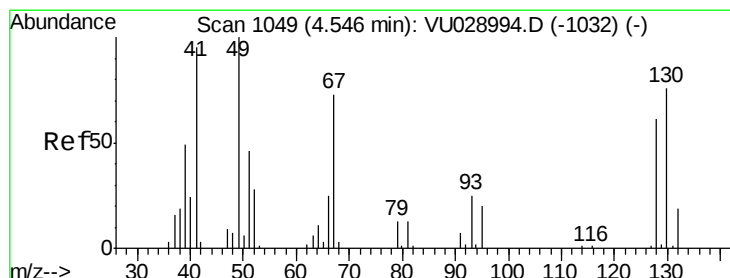
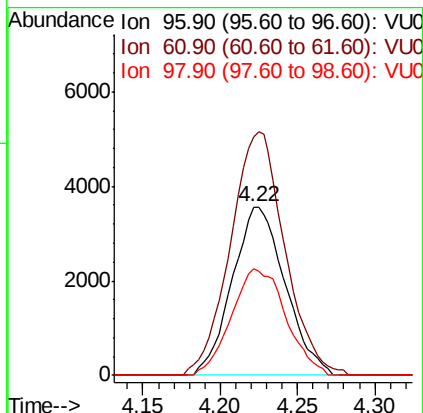
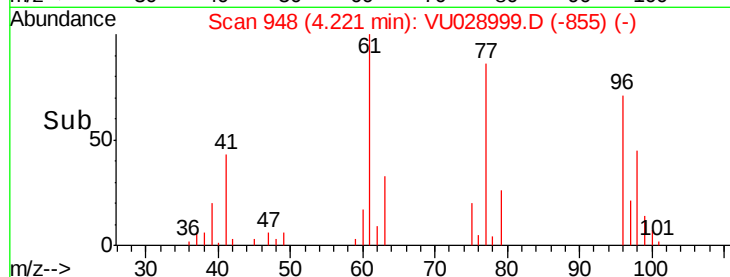
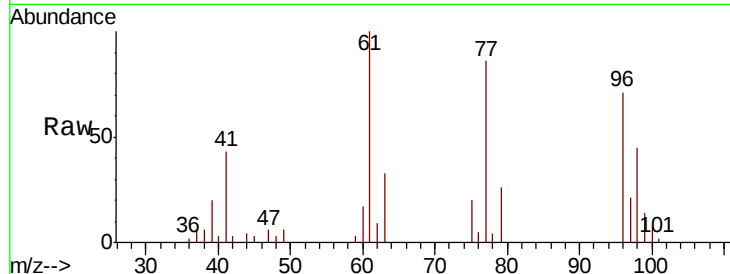


#27

cis-1,2-Dichloroethene
Concen: 4.839 ug/l
RT: 4.22 min Scan# 948
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

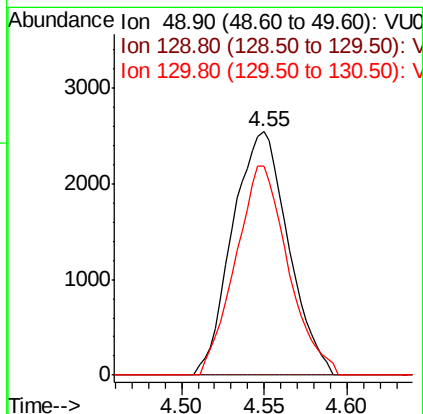
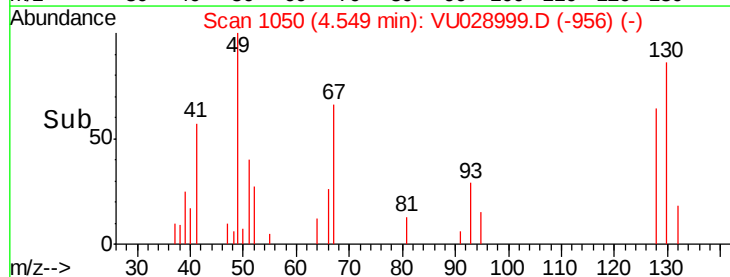
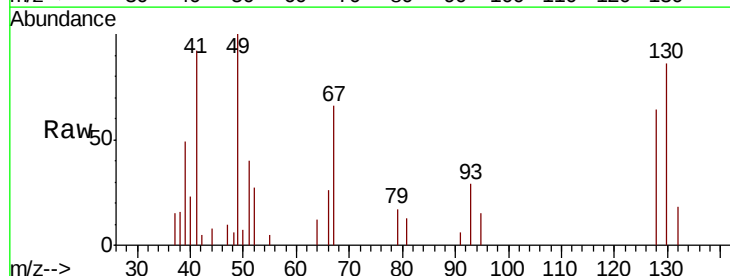
Tgt Ion: 96 Resp: 8468
Ion Ratio Lower Upper
96 100
61 148.6 0.0 285.6
98 65.0 0.0 130.2

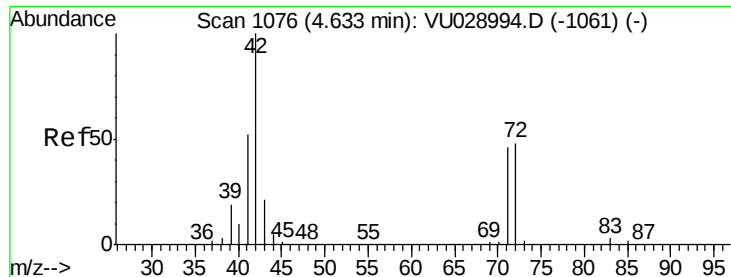


#28

Bromochloromethane
Concen: 4.815 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 49 Resp: 5944
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 81.2 62.9 94.3

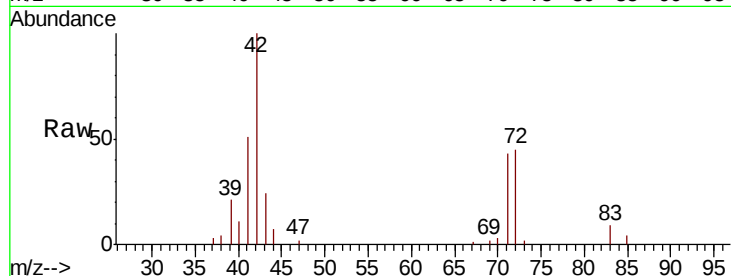




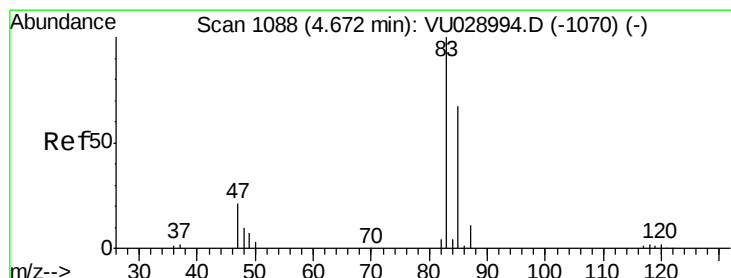
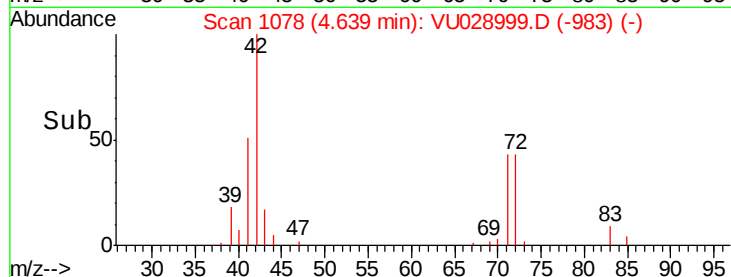
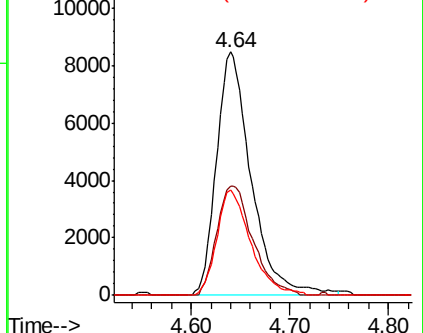
#29
Tetrahydrofuran
Concen: 24.663 ug/l
RT: 4.64 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 20893
Ion Ratio Lower Upper
42 100
72 46.6 38.3 57.5
71 42.2 36.1 54.1

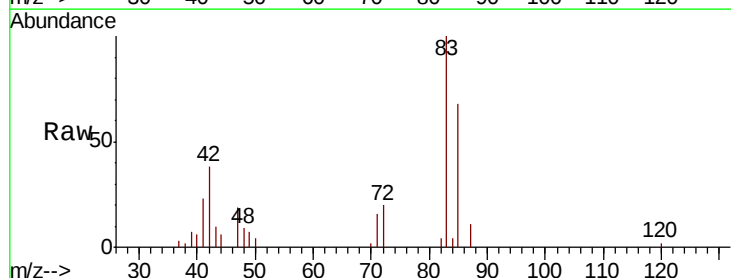


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

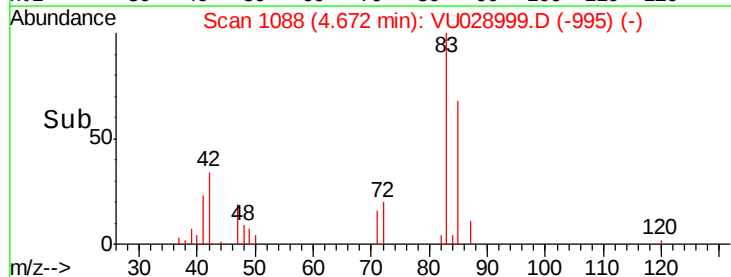
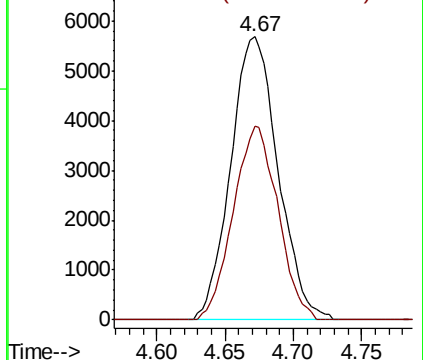


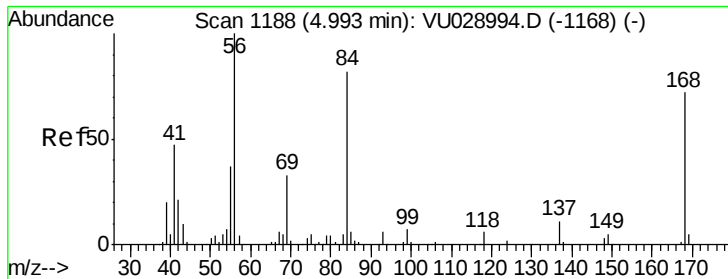
#30
Chloroform
Concen: 4.996 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 83 Resp: 13718
Ion Ratio Lower Upper
83 100
85 68.4 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

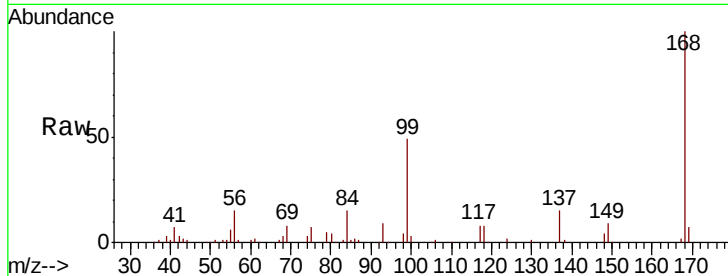




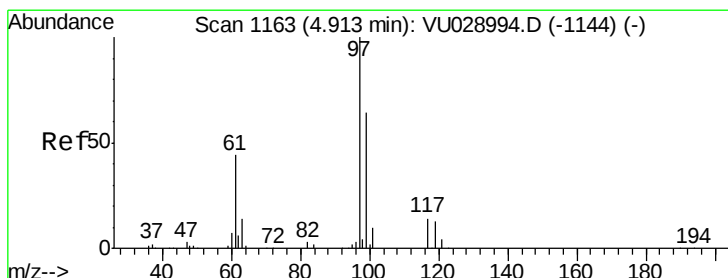
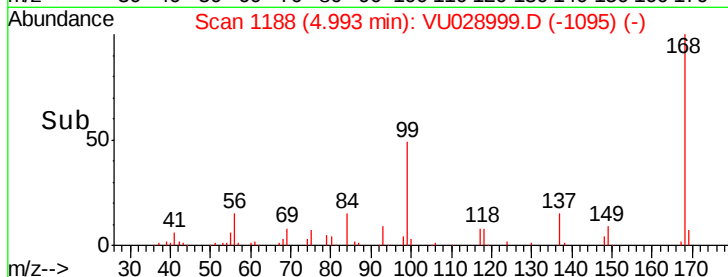
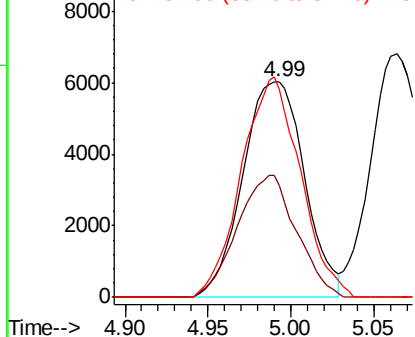
#31
Cyclohexane
Concen: 4.876 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 15558
Ion Ratio Lower Upper
56 100
69 51.6 26.7 40.1#
84 96.3 65.7 98.5

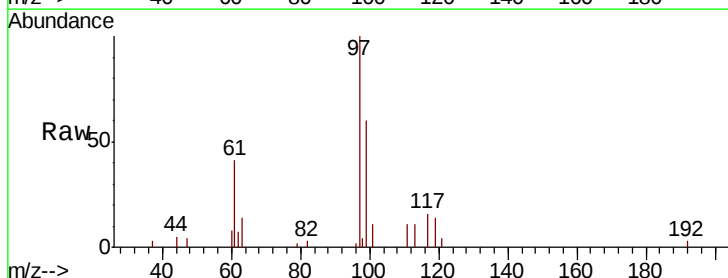


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

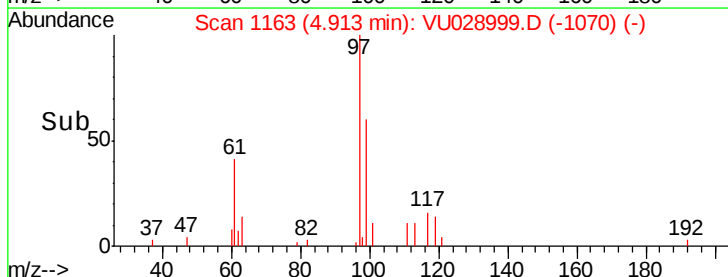
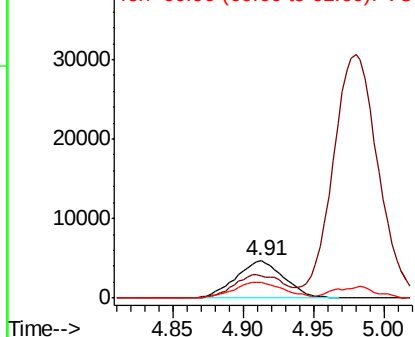


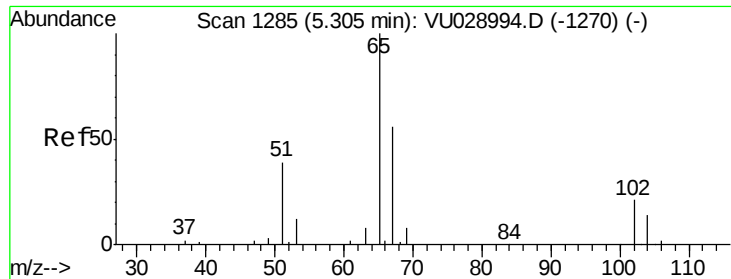
#32
1,1,1-Trichloroethane
Concen: 4.937 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 97 Resp: 11202
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 43.7 34.4 51.6



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

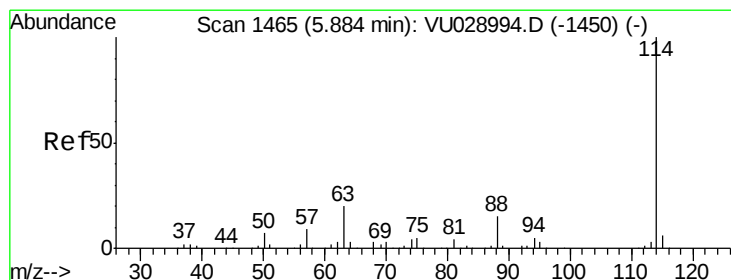
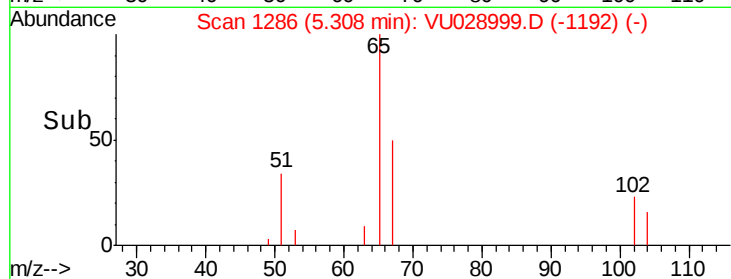
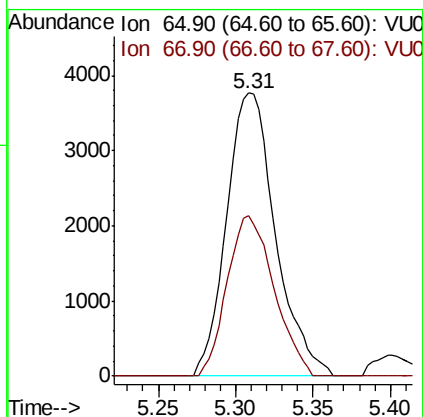
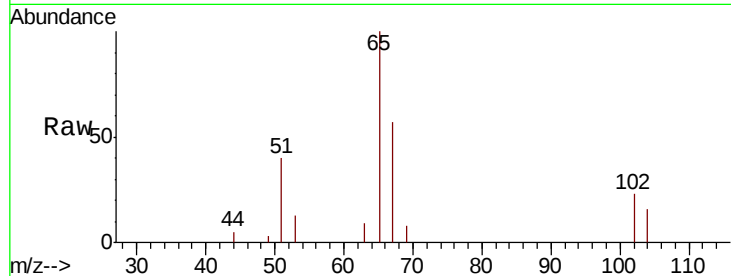




#33
 1,2-Dichloroethane-d4
 Concen: 5.048 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

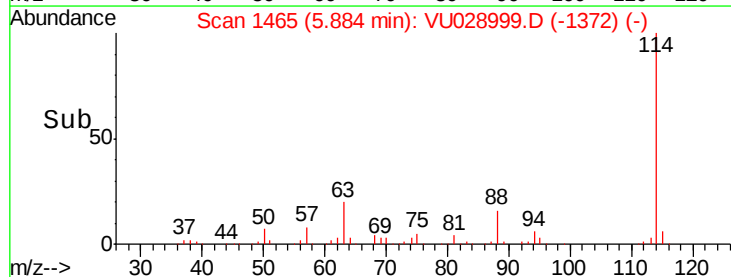
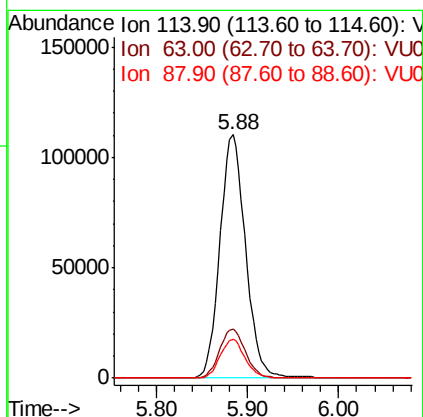
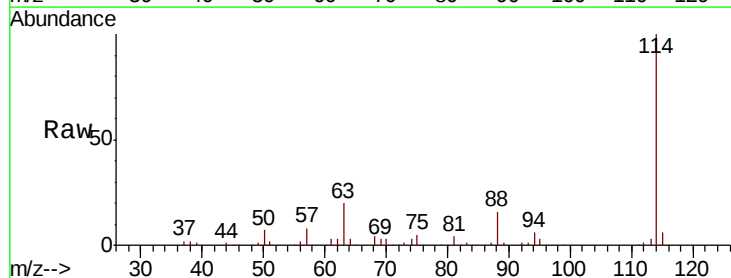
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

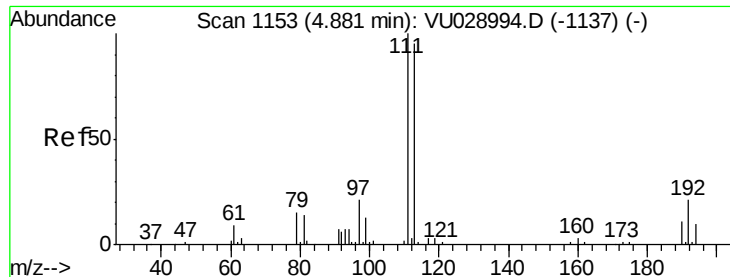
Tgt Ion: 65 Resp: 8286
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion: 114 Resp: 216488
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.2
 88 16.0 0.0 30.4

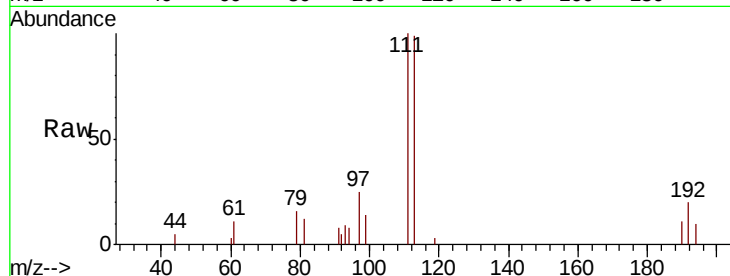




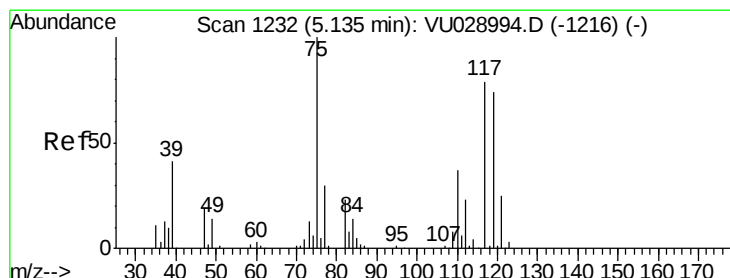
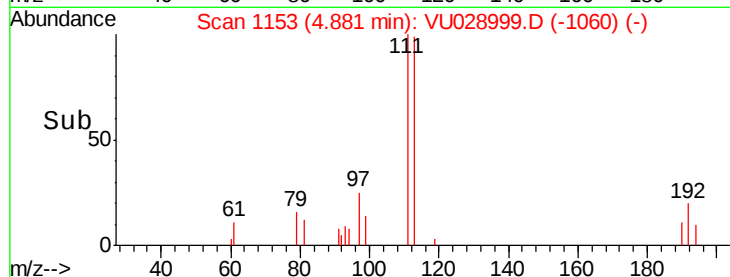
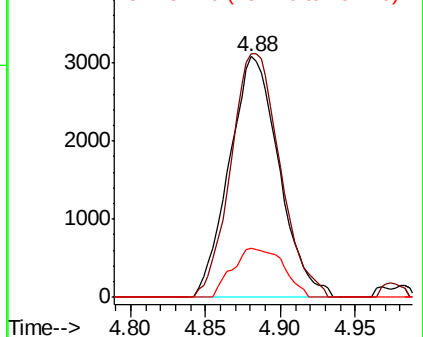
#35
 Dibromofluoromethane
 Concen: 5.085 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:113 Resp: 7136
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.4 122.2
 192 20.8 16.8 25.2

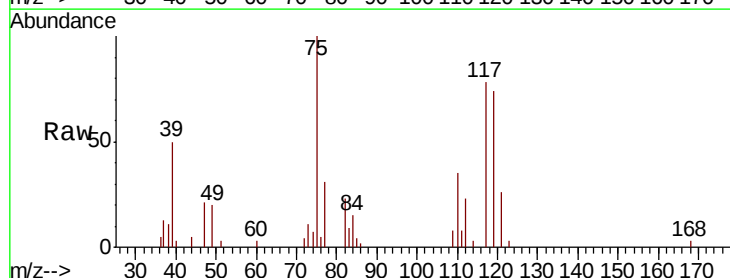


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

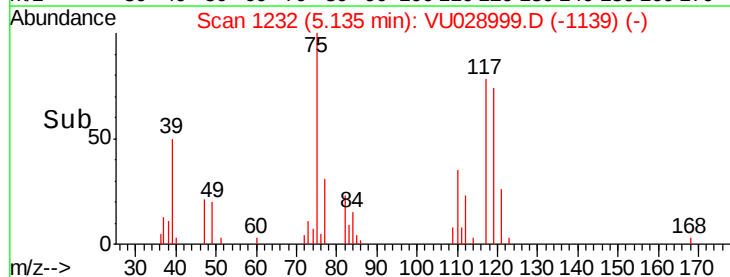
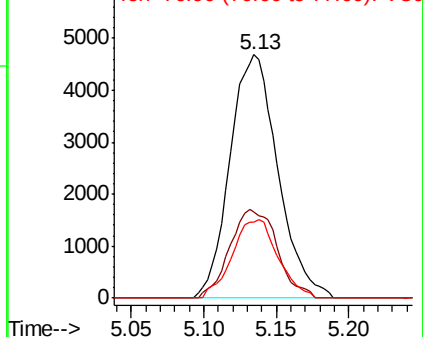


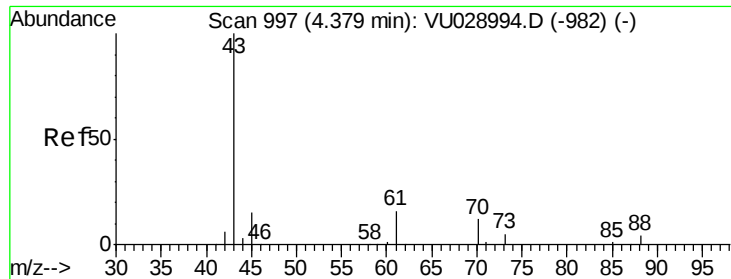
#36
 1,1-Dichloropropene
 Concen: 4.964 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion: 75 Resp: 10741
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.4 55.4
 77 30.6 25.1 37.7



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

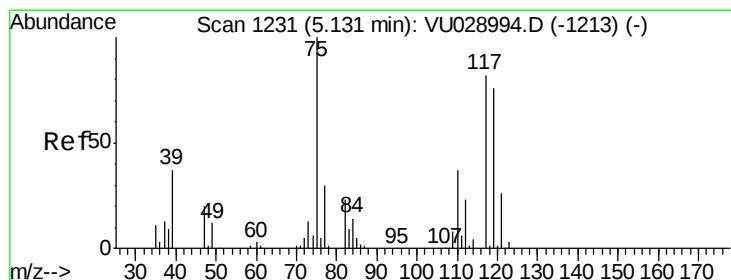
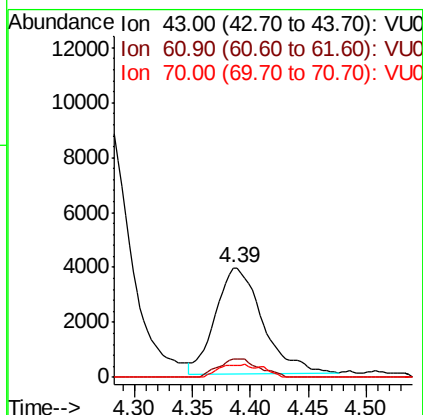
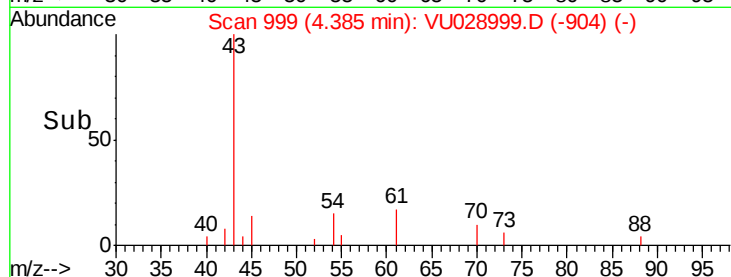
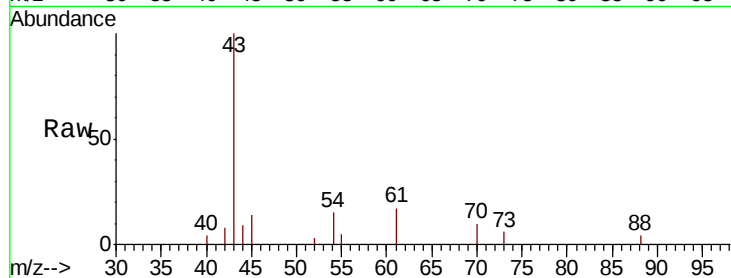




#37
Ethyl Acetate
Concen: 4.435 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.01 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

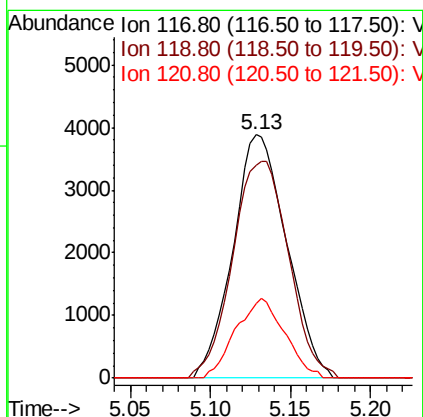
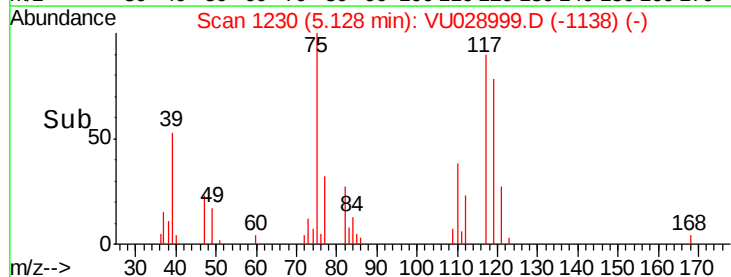
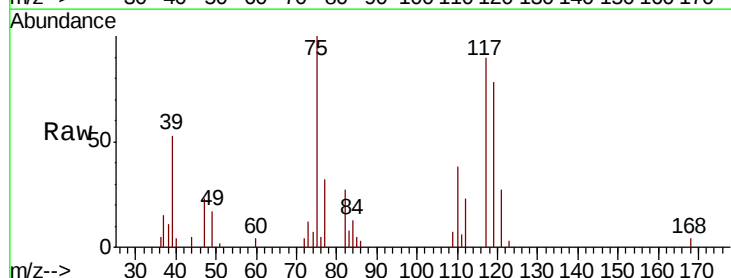
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

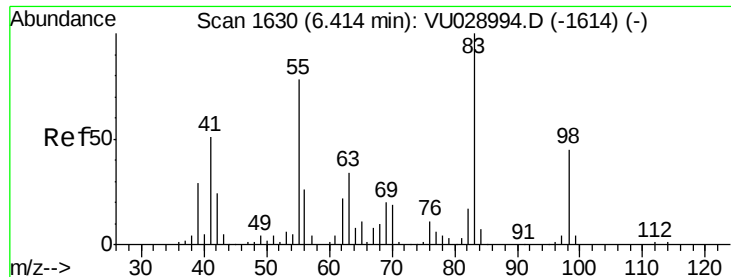
Tgt Ion: 43 Resp: 10970
Ion Ratio Lower Upper
43 100
61 14.8 12.6 18.8
70 4.5 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 4.944 ug/l
RT: 5.13 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 117 Resp: 8923
Ion Ratio Lower Upper
117 100
119 87.4 74.6 111.8
121 30.6 25.0 37.6

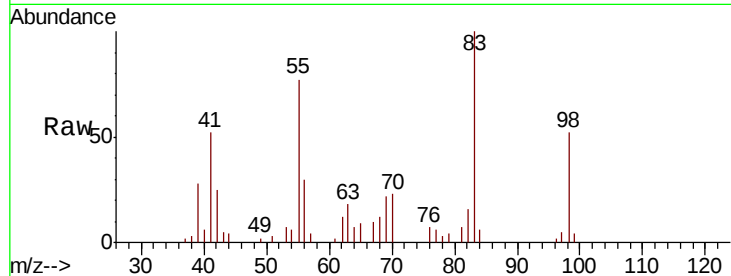




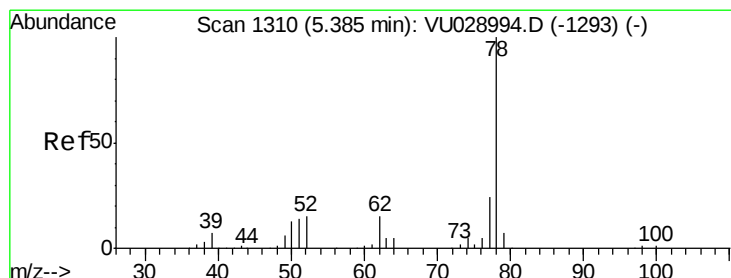
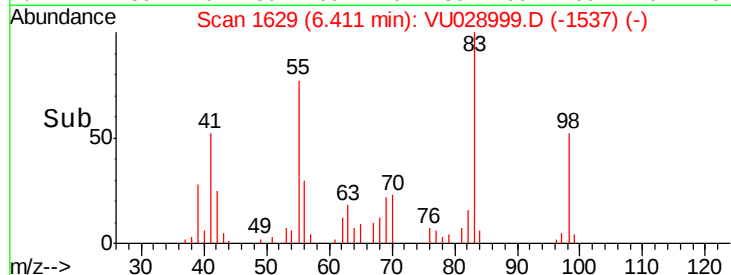
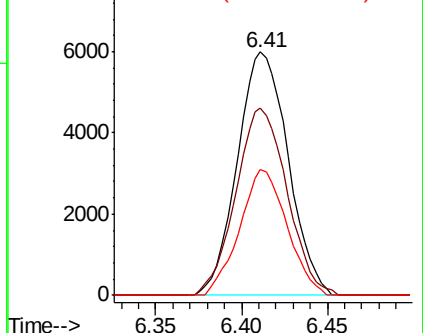
#39
Methylcyclohexane
Concen: 4.624 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 12301
Ion Ratio Lower Upper
83 100
55 76.7 62.4 93.6
98 51.5 36.2 54.2

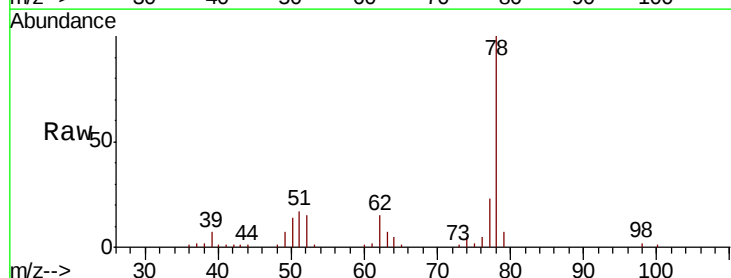


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

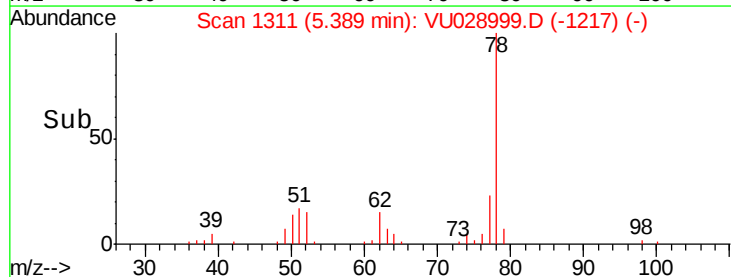
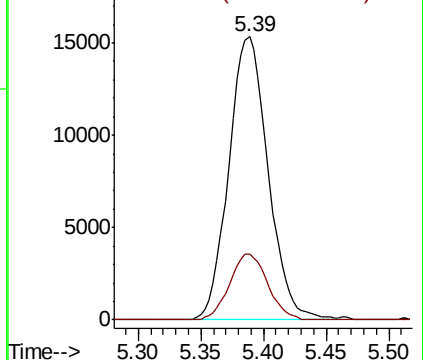


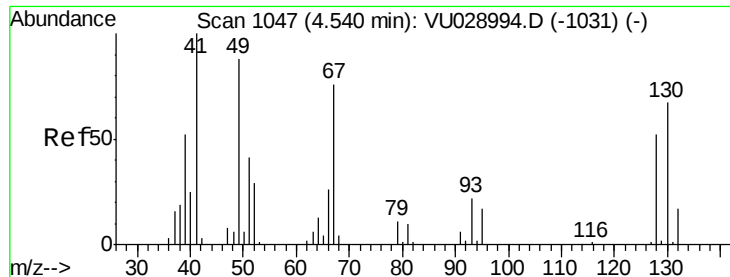
#40
Benzene
Concen: 4.949 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 78 Resp: 33404
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

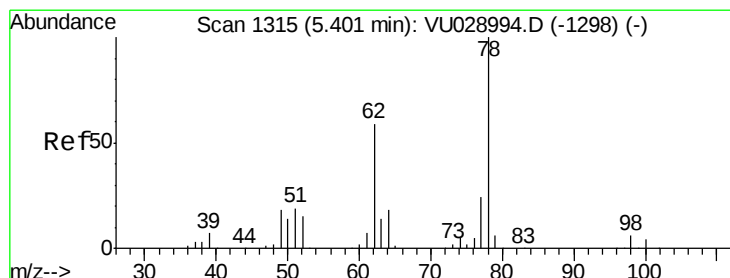
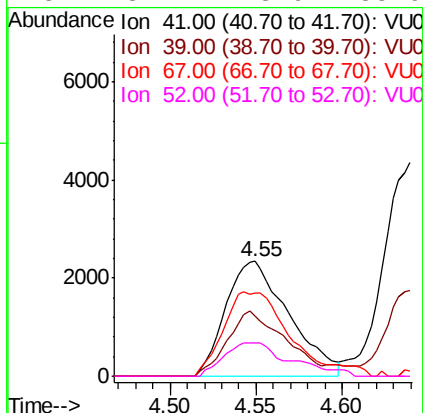
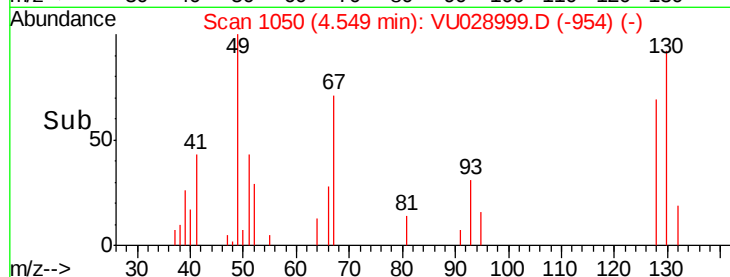
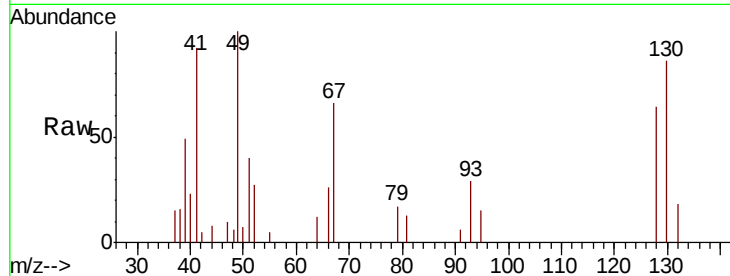




#41
Methacrylonitrile
Concen: 4.689 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

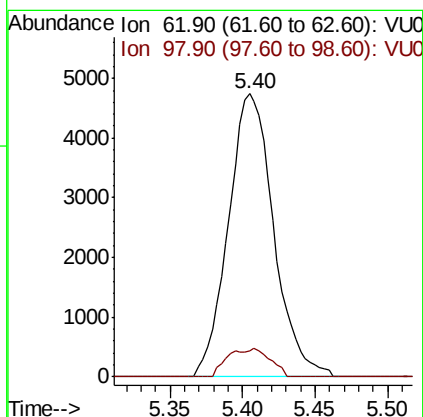
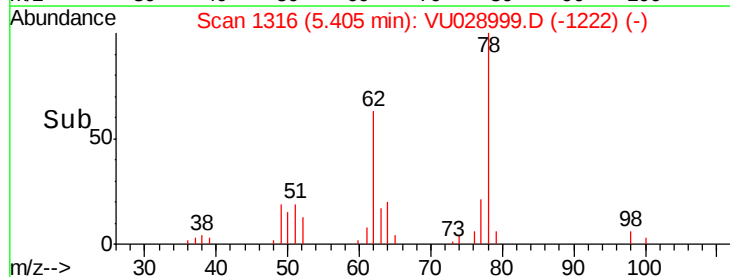
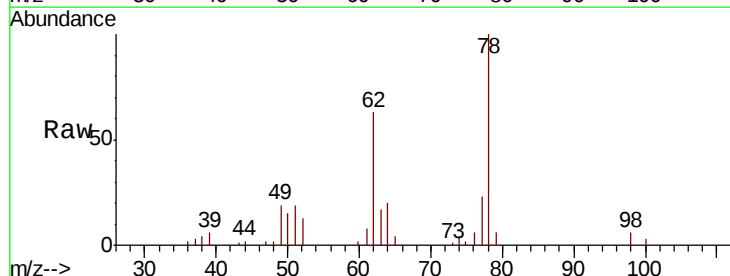
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

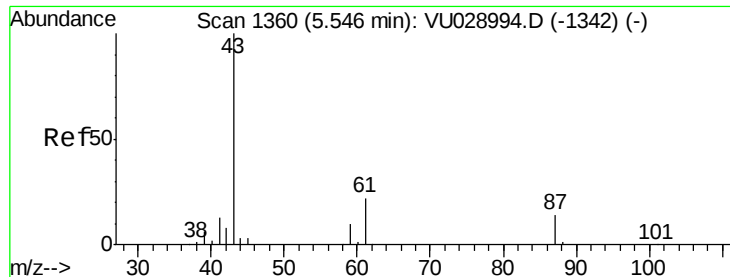
Tgt Ion:	41	Resp:	5962
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.3	63.5
67	77.6	64.4	96.6
52	31.1	23.9	35.9



#42
1,2-Dichloroethane
Concen: 5.082 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion:	62	Resp:	10307
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.6





#43

Isopropyl Acetate

Concen: 4.744 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

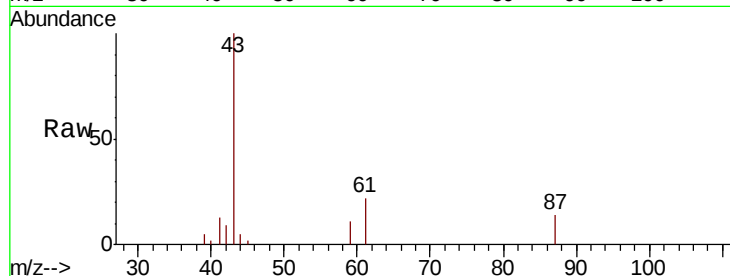
Tgt Ion: 43 Resp: 17284

Ion Ratio Lower Upper

43 100

61 20.7 17.8 26.6

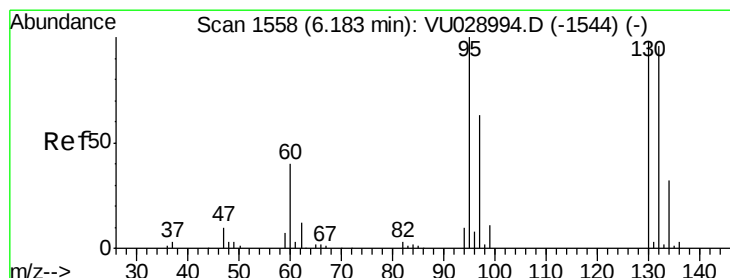
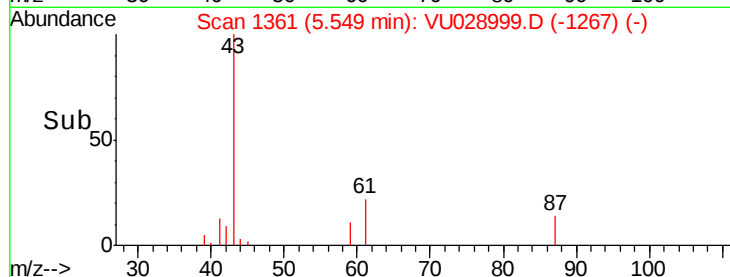
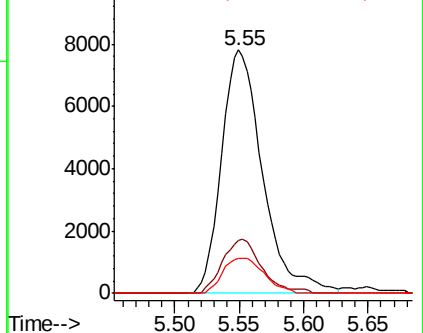
87 14.5 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028999.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028999.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028999.D (-1342) (-)



#44

Trichloroethene

Concen: 4.601 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU028999.D

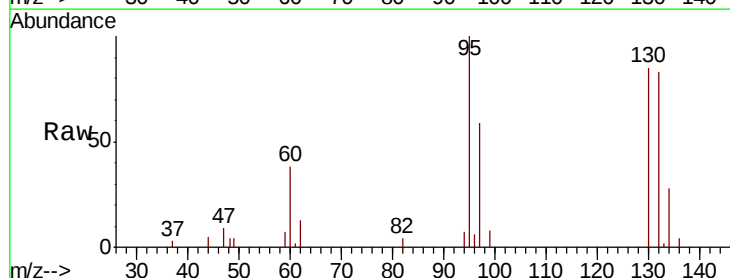
Acq: 03 Jan 2019 15:54

Tgt Ion: 130 Resp: 7694

Ion Ratio Lower Upper

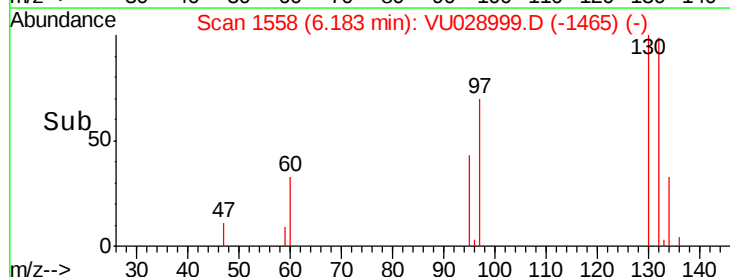
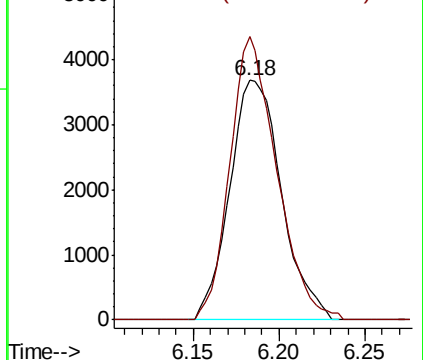
130 100

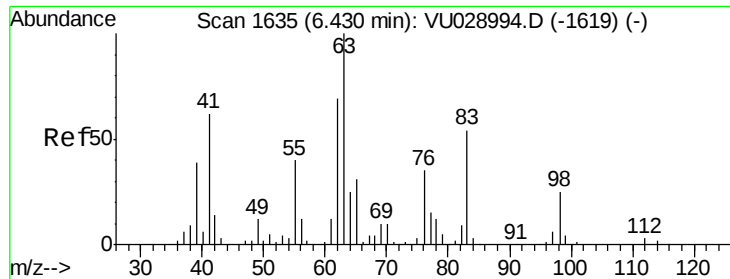
95 118.1 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU028999.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028999.D (-1544) (-)

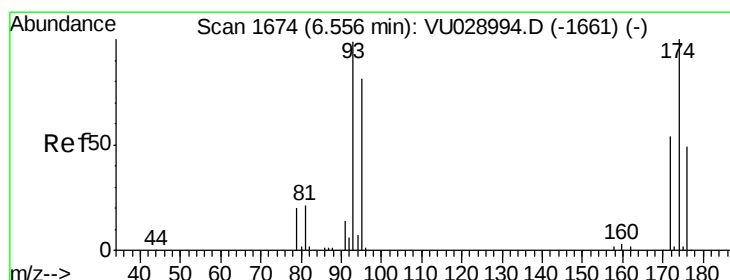
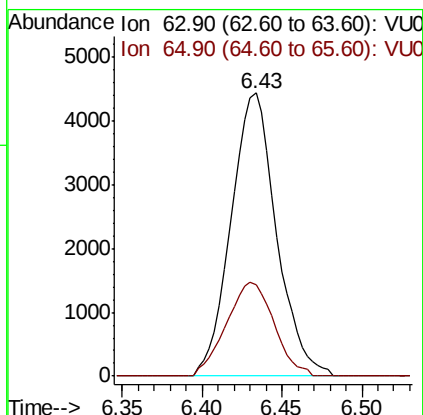
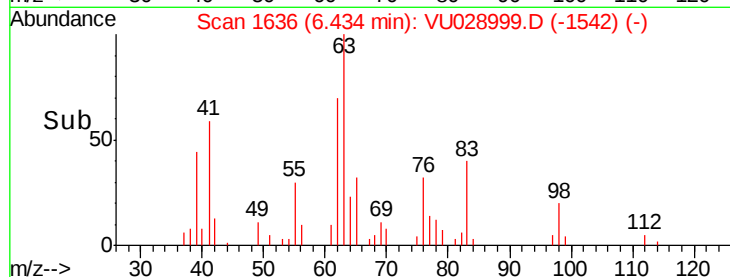
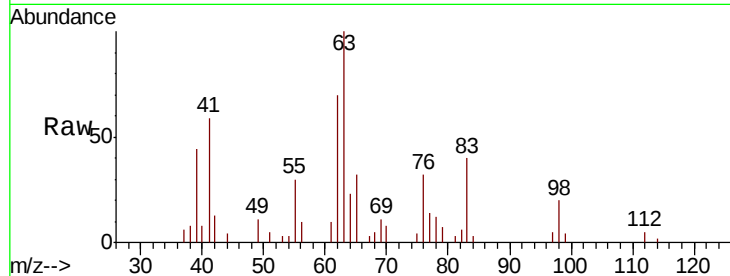




#45
 1,2-Dichloropropane
 Concen: 4.818 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

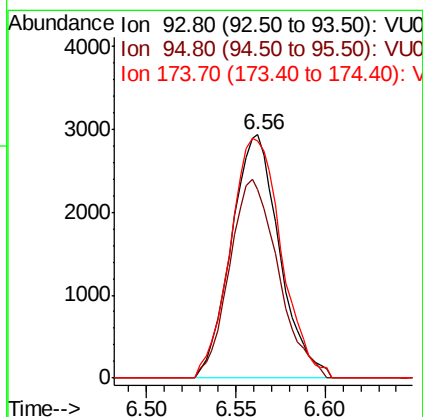
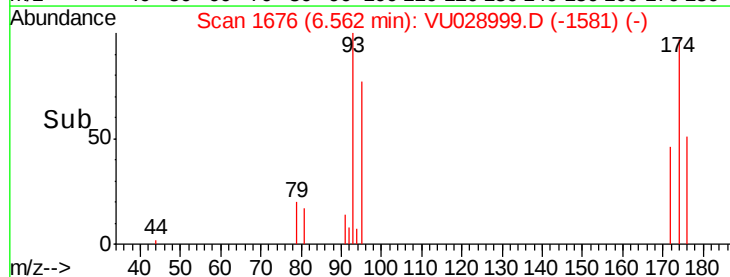
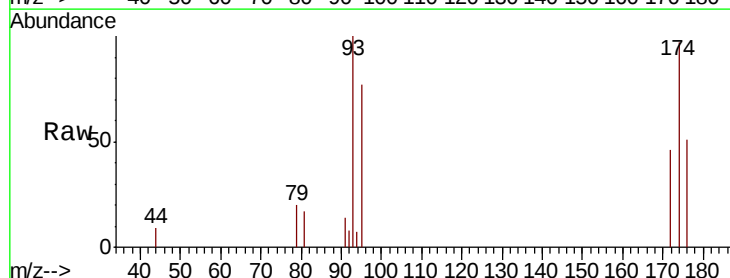
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 8588
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.1 37.7



#46
 Dibromomethane
 Concen: 4.841 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion: 93 Resp: 5516
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.2 100.8
 174 104.4 82.6 123.8





#47

Bromodichloromethane

Concen: 4.821 ug/l

RT: 6.75 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

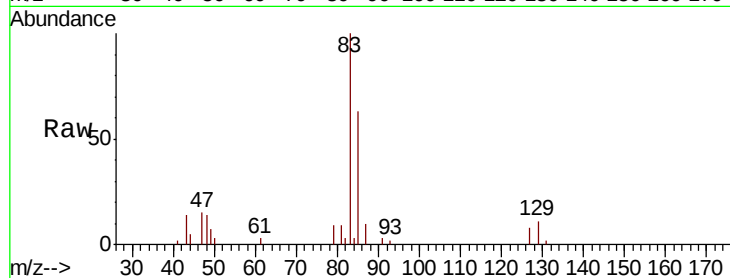
Tgt Ion: 83 Resp: 10115

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.2

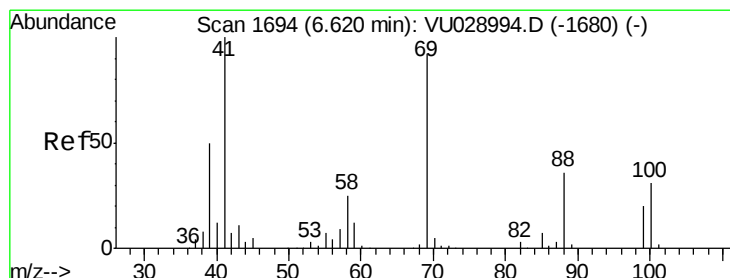
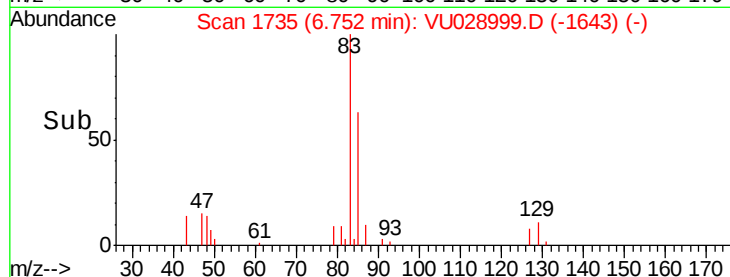
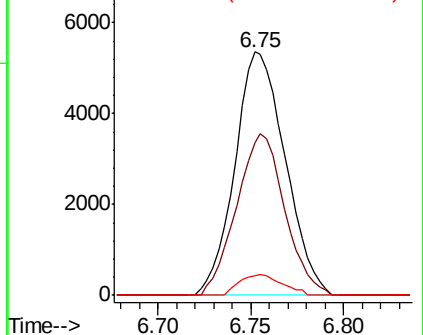
127 8.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.853 ug/l

RT: 6.63 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

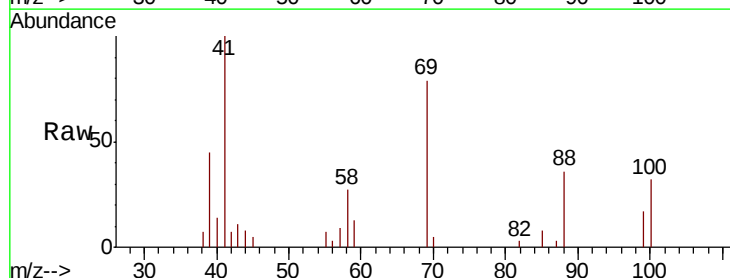
Tgt Ion: 41 Resp: 8610

Ion Ratio Lower Upper

41 100

69 88.6 73.6 110.4

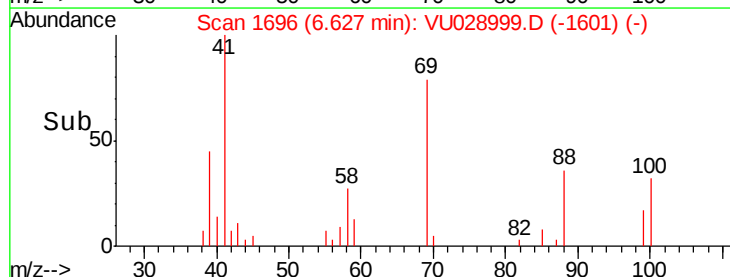
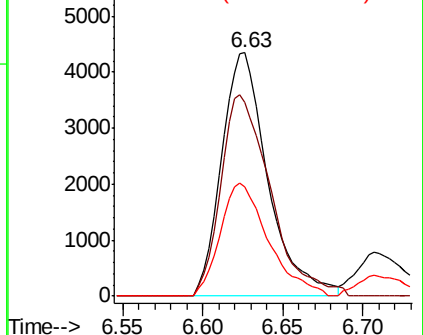
39 48.1 39.6 59.4

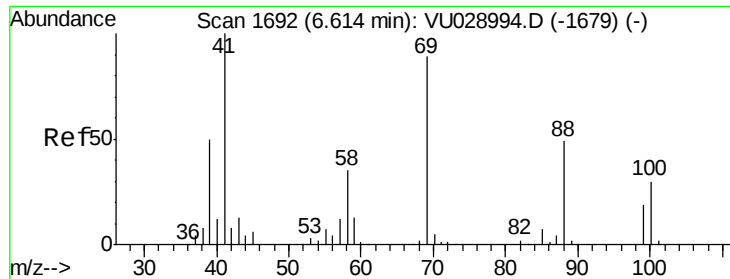


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#49

1,4-Dioxane

Concen: 95.113 ug/l

RT: 6.62 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

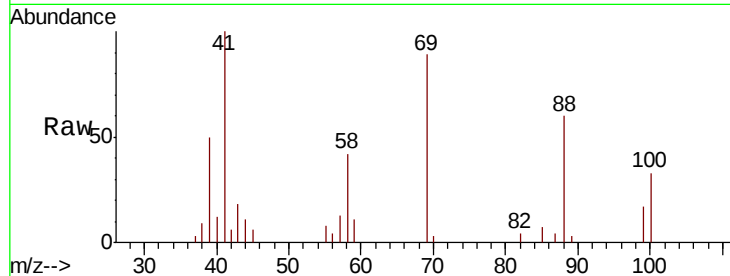
Tgt Ion: 88 Resp: 3999

Ion Ratio Lower Upper

88 100

43 29.0 23.0 34.4

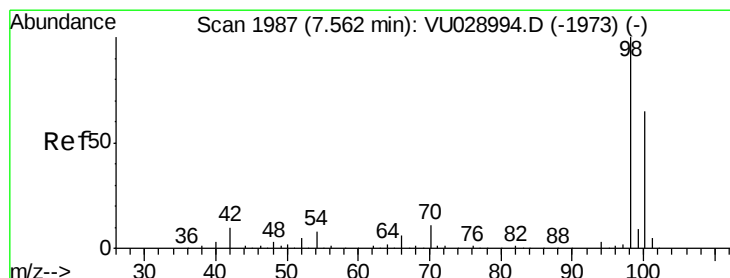
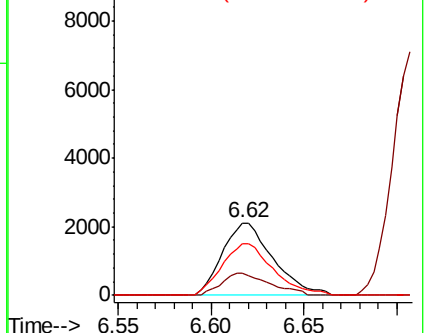
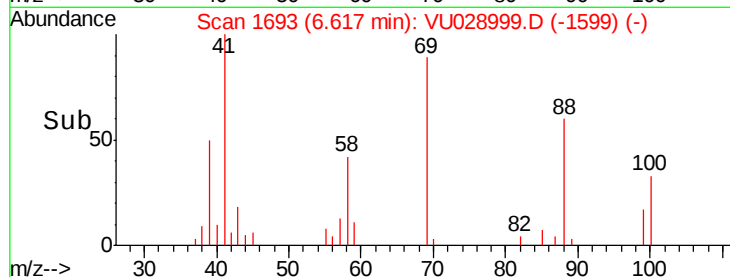
58 72.3 57.9 86.9



Abundance Ion 88.00 (87.70 to 88.70): VU028999.D (-1599) (-)

Ion 43.00 (42.70 to 43.70): VU028999.D (-1599) (-)

Ion 58.00 (57.70 to 58.70): VU028999.D (-1599) (-)



#50

Toluene-d8

Concen: 4.871 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU028999.D

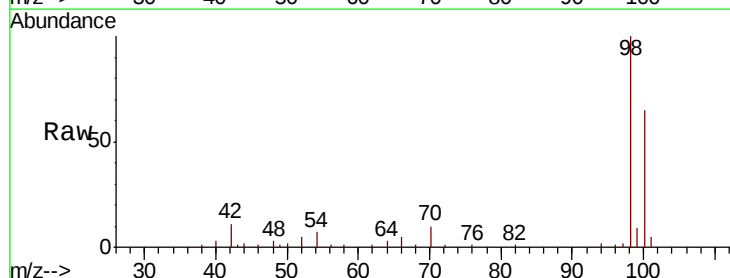
Acq: 03 Jan 2019 15:54

Tgt Ion: 98 Resp: 26987

Ion Ratio Lower Upper

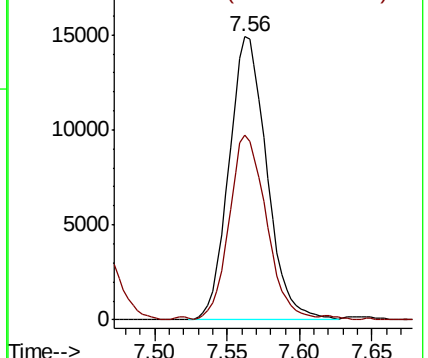
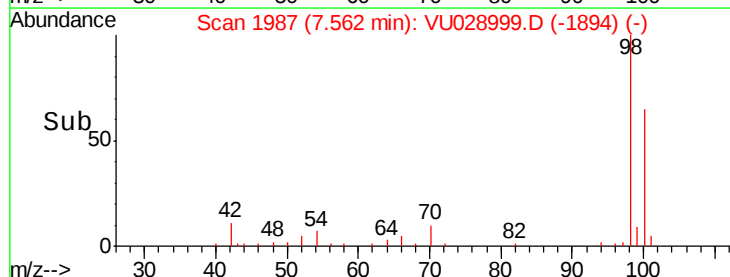
98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028999.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU028999.D (-1894) (-)





#51

4-Methyl-2-Pentanone

Concen: 23.170 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

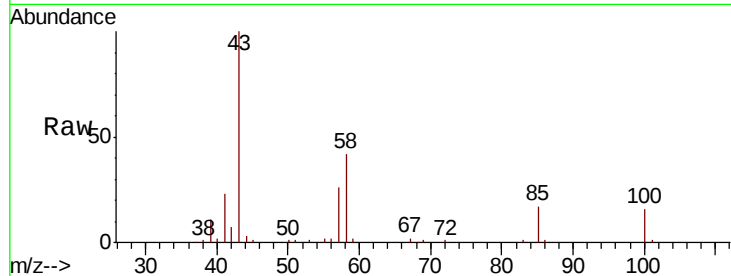
VSTDIC005

Tgt Ion: 43 Resp: 57454

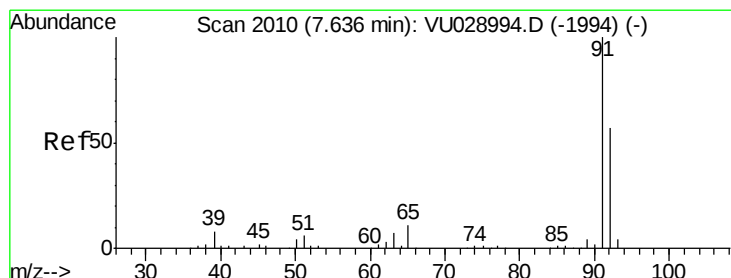
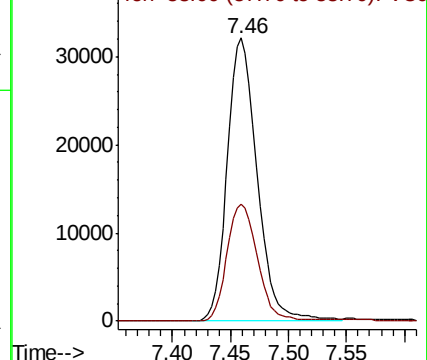
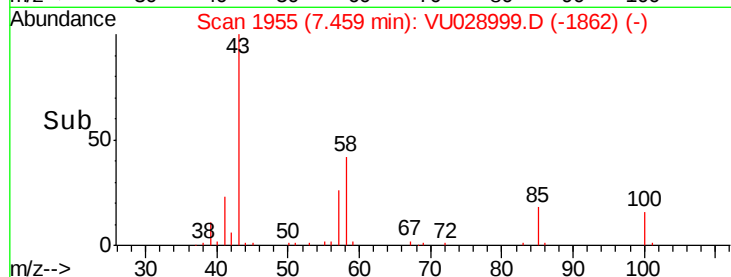
Ion Ratio Lower Upper

43 100

58 42.1 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VU028999.D (-1862) (-)



#52

Toluene

Concen: 4.867 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028999.D

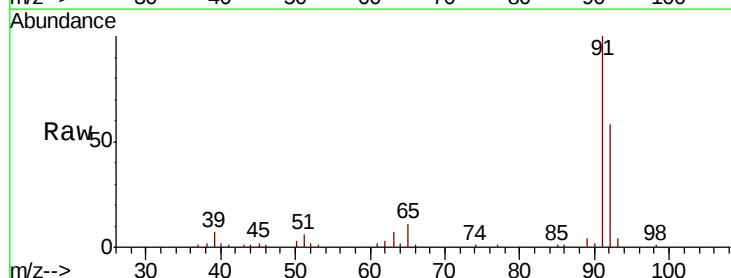
Acq: 03 Jan 2019 15:54

Tgt Ion: 92 Resp: 19997

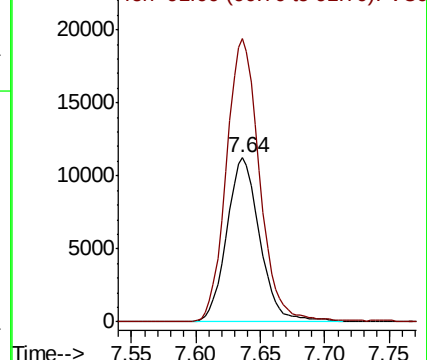
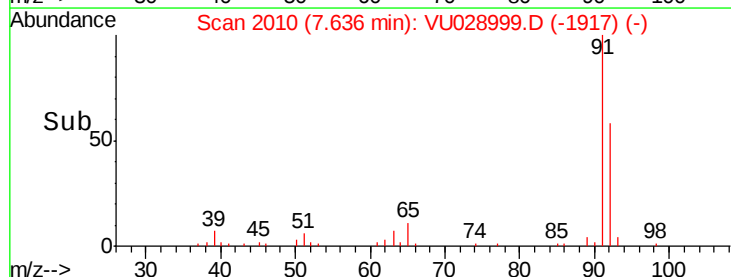
Ion Ratio Lower Upper

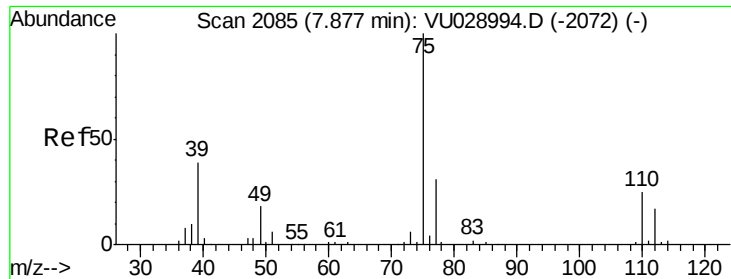
92 100

91 173.2 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU028999.D (-1917) (-)

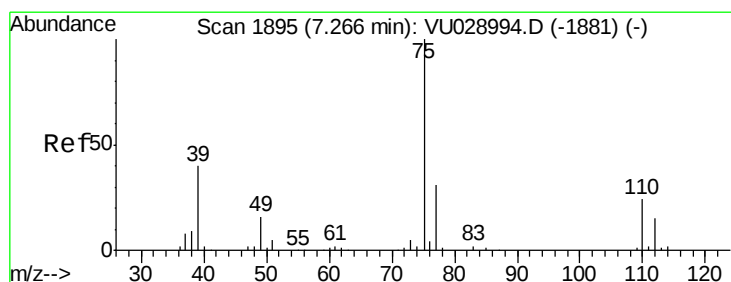
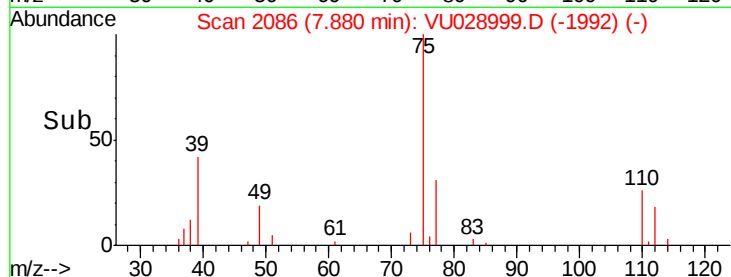
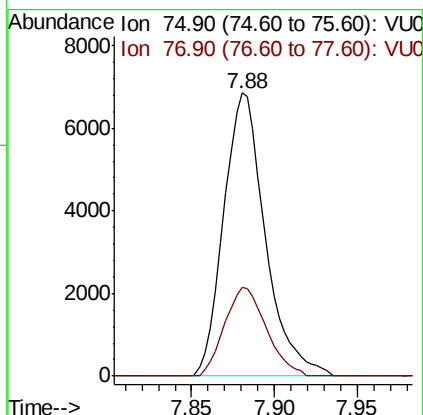
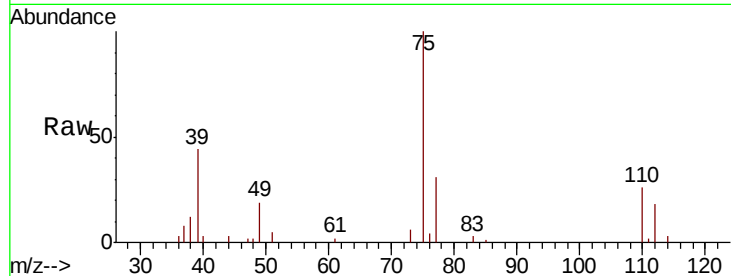




#53
 t-1,3-Dichloropropene
 Concen: 4.744 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

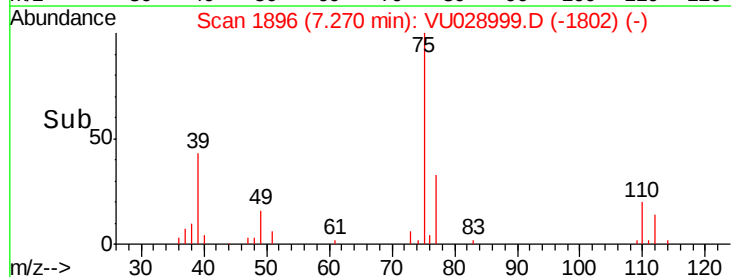
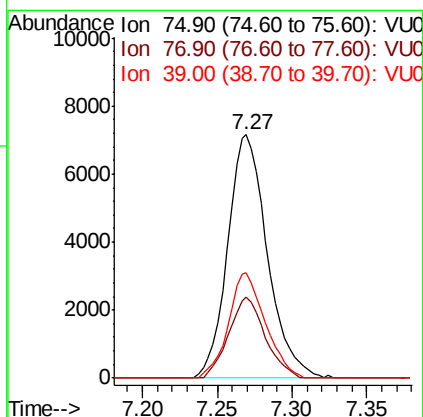
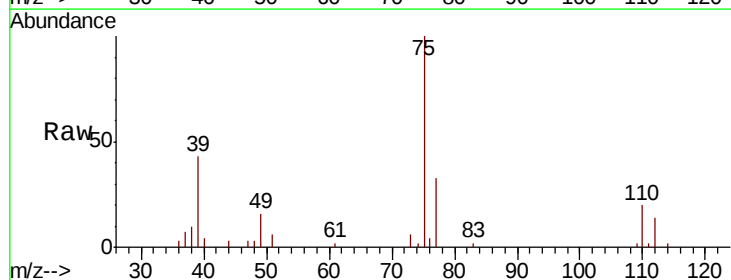
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

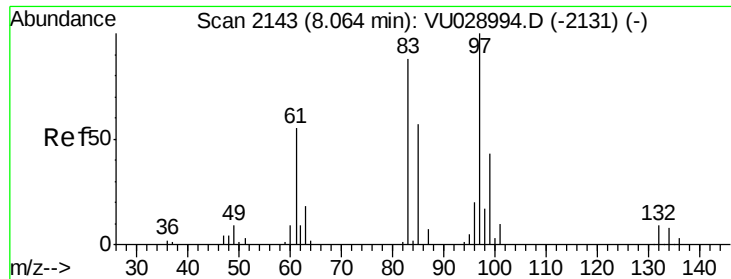
Tgt Ion: 75 Resp: 11956
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.842 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion: 75 Resp: 13187
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.0 37.6
 39 43.0 32.2 48.4

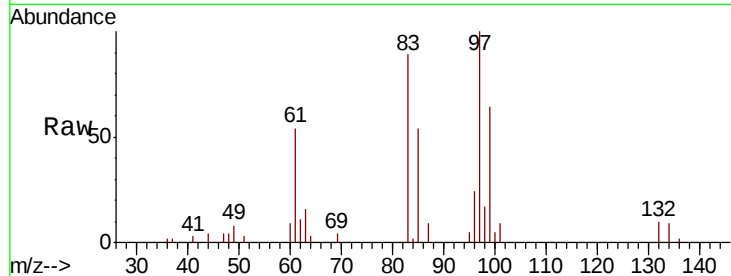




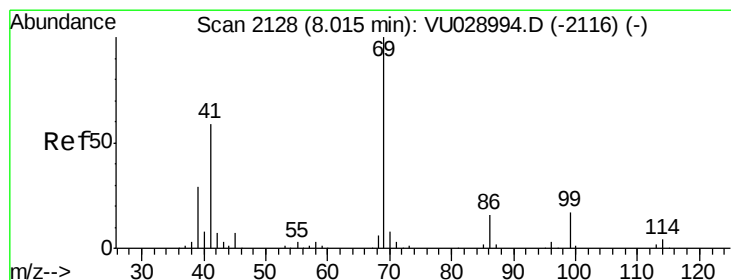
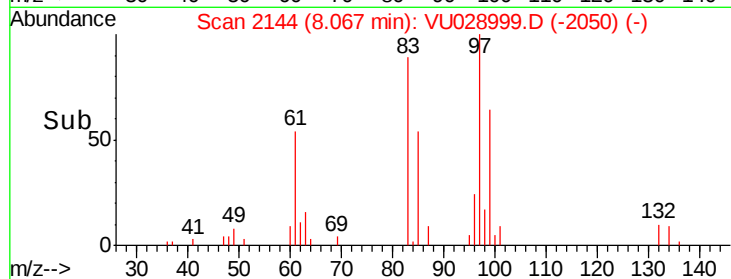
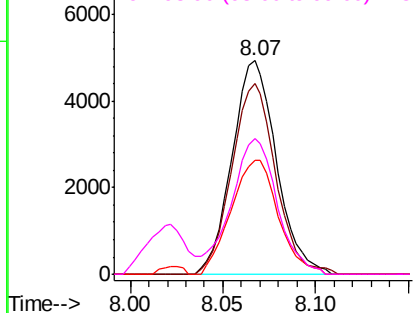
#55
 1,1,2-Trichloroethane
 Concen: 4.990 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	8215
Ion	Ratio	Lower	Upper
97	100		
83	89.4	69.8	104.8
85	53.6	47.3	70.9
99	63.5	49.7	74.5

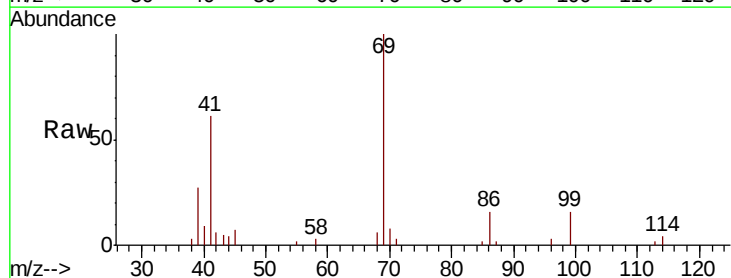


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

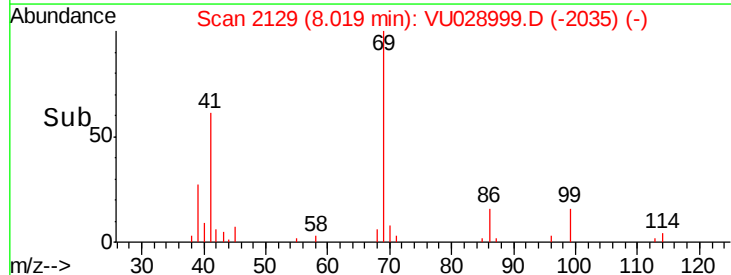
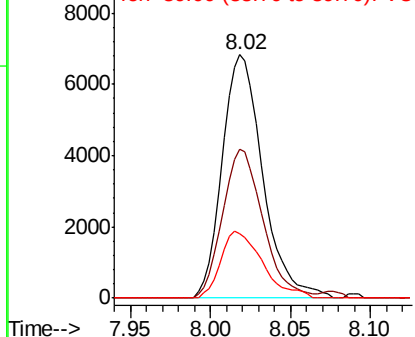


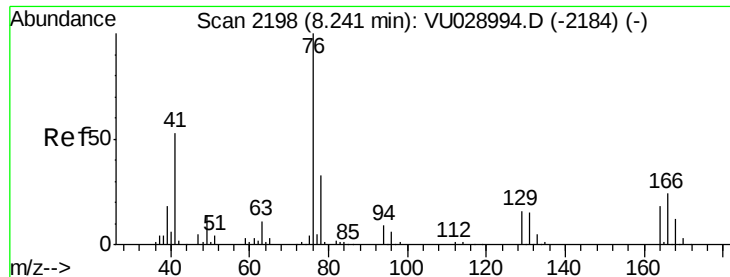
#56
 Ethyl methacrylate
 Concen: 4.670 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion:	69	Resp:	11843
Ion	Ratio	Lower	Upper
69	100		
41	61.0	47.5	71.3
39	28.2	22.5	33.7



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

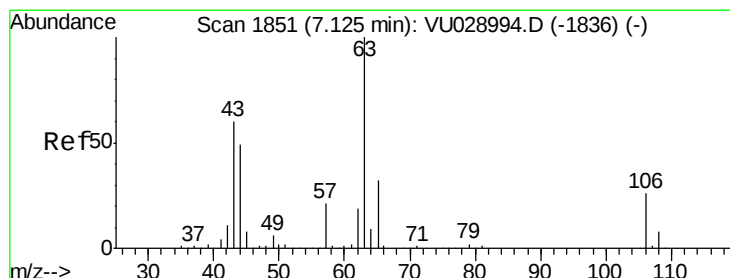
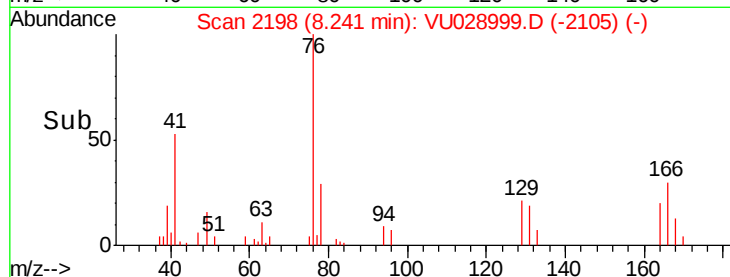
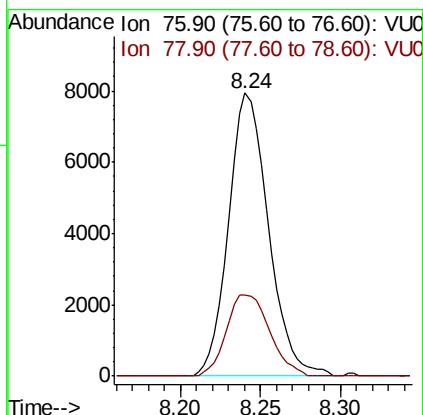
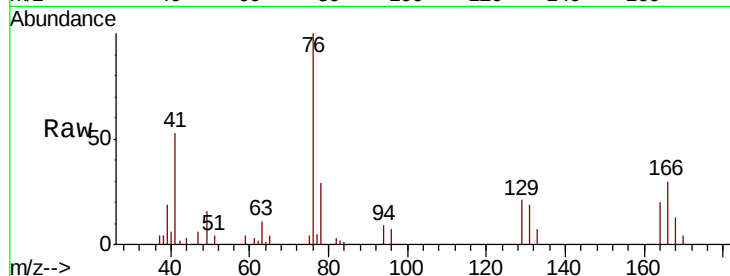




#57
 1,3-Dichloropropane
 Concen: 4.788 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

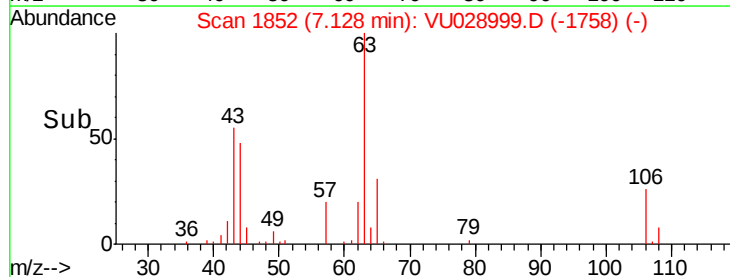
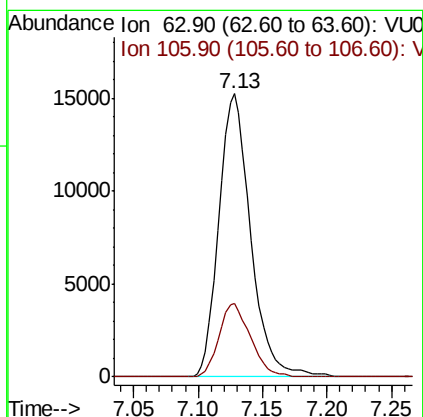
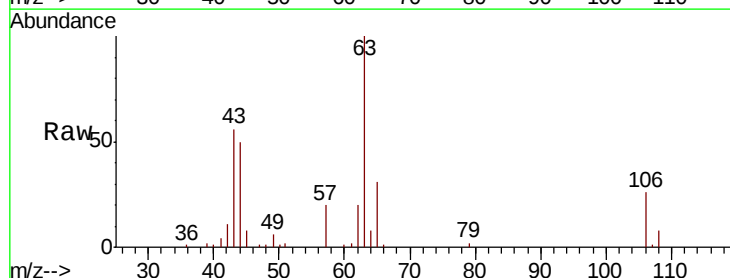
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

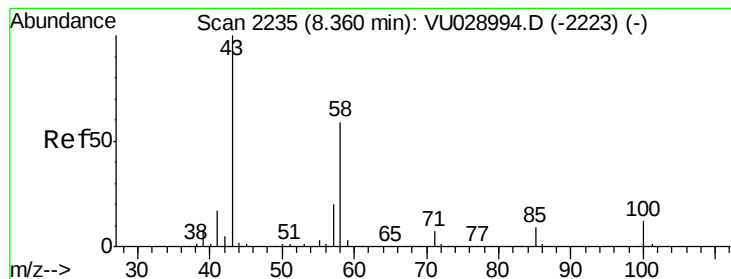
Tgt Ion: 76 Resp: 13488
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.399 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion: 63 Resp: 26097
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.6 31.0





#59

2-Hexanone

Concen: 23.879 ug/l

RT: 8.36 min Scan# 2236

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

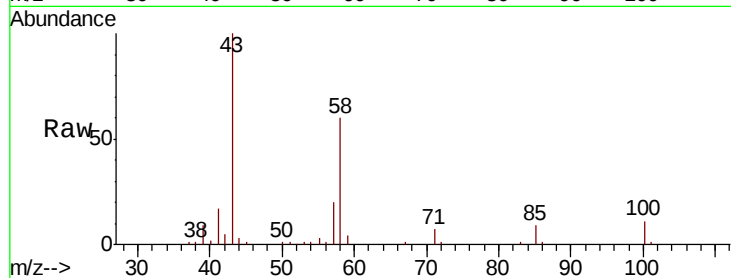
VSTDIC005

Tgt Ion: 43 Resp: 46480

Ion Ratio Lower Upper

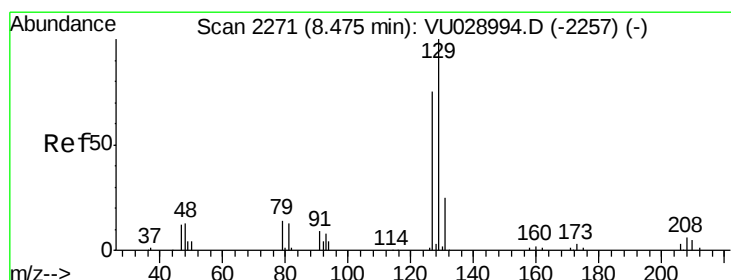
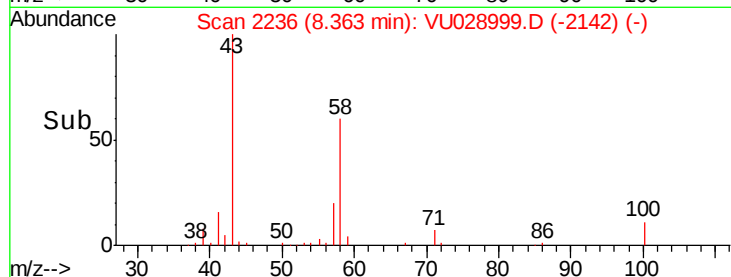
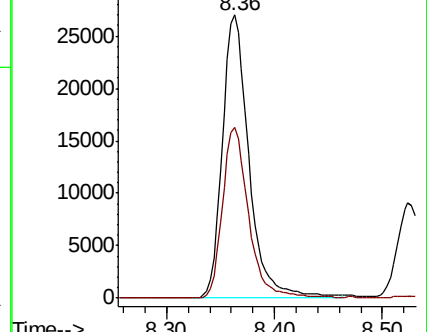
43 100

58 58.7 29.8 89.4



Abundance Ion 43.00 (42.70 to 43.70): VU028999.D (-2142) (-)

Ion 58.00 (57.70 to 58.70): VU028999.D (-2142) (-)



#60

Dibromochloromethane

Concen: 4.717 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VU028999.D

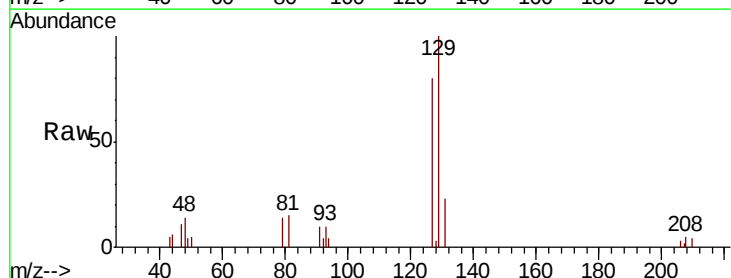
Acq: 03 Jan 2019 15:54

Tgt Ion: 129 Resp: 7693

Ion Ratio Lower Upper

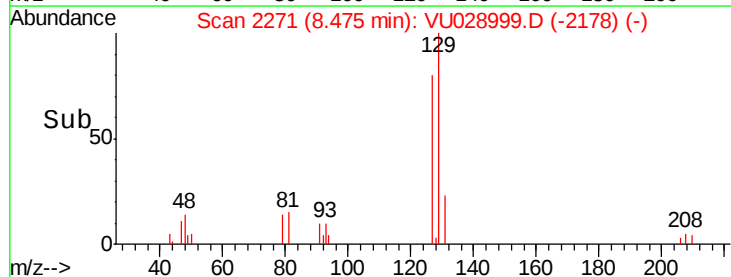
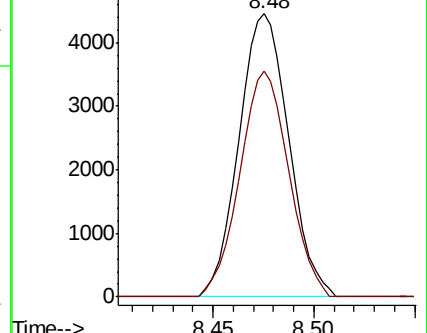
129 100

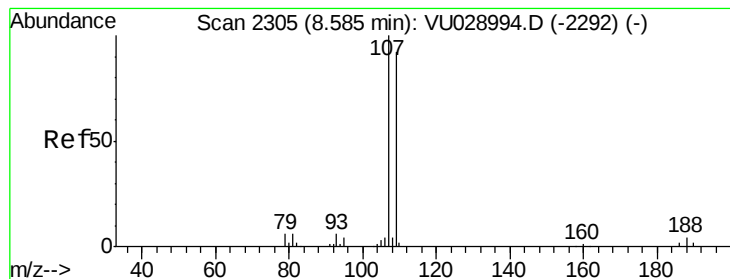
127 78.3 38.0 114.0



Abundance Ion 128.80 (128.50 to 129.50): VU028999.D (-2178) (-)

Ion 126.80 (126.50 to 127.50): VU028999.D (-2178) (-)





#61

1,2-Dibromoethane

Concen: 4.708 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

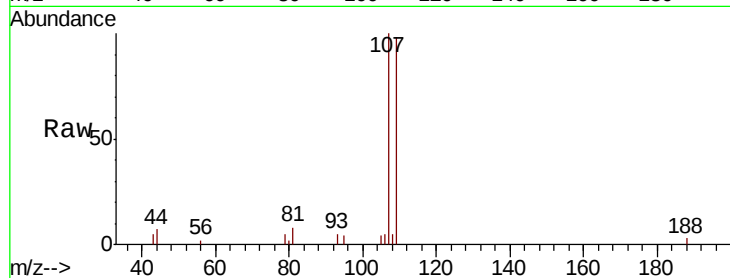
VSTDIC005

Tgt Ion: 107 Resp: 8406

Ion Ratio Lower Upper

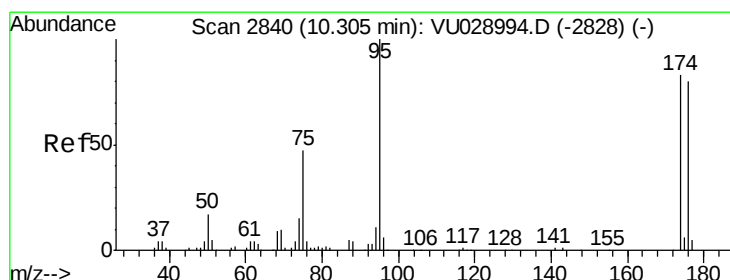
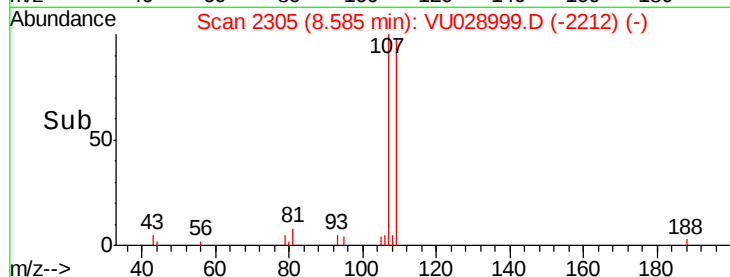
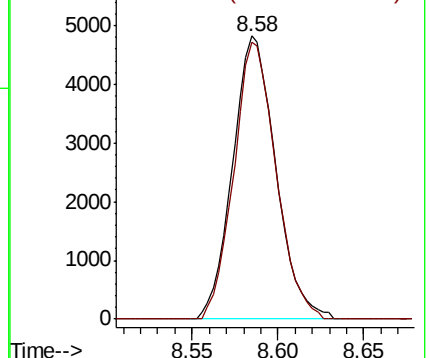
107 100

109 95.3 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.539 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

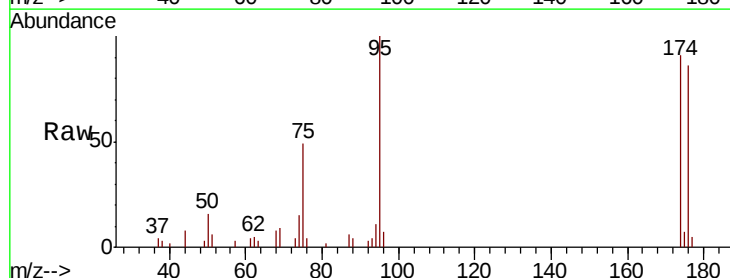
Tgt Ion: 95 Resp: 9038

Ion Ratio Lower Upper

95 100

174 87.7 0.0 170.6

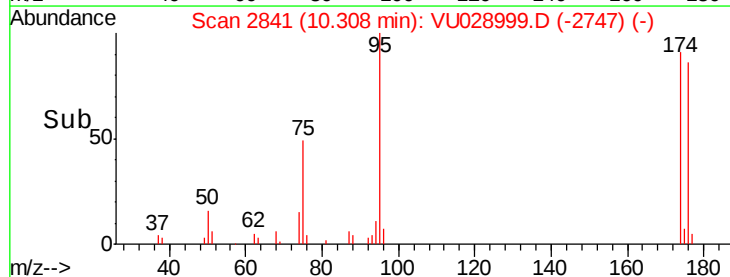
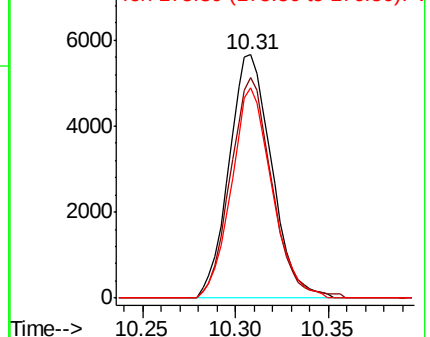
176 82.1 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

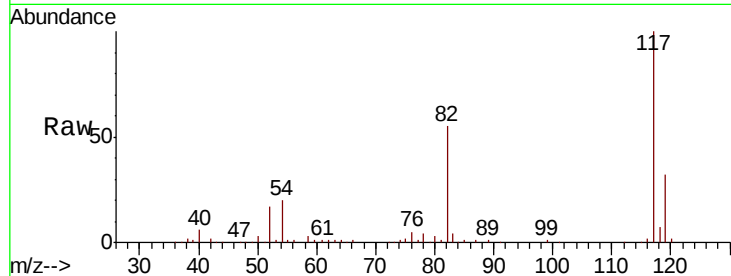




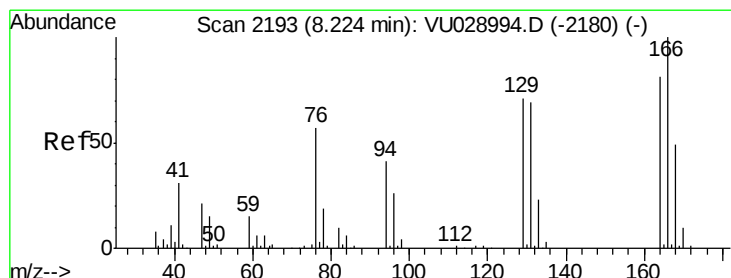
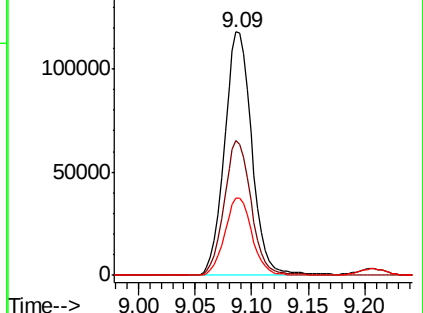
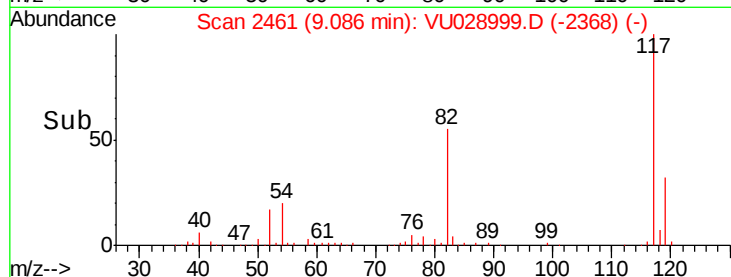
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 198634
Ion Ratio Lower Upper
117 100
82 55.5 43.9 65.9
119 31.7 26.0 39.0

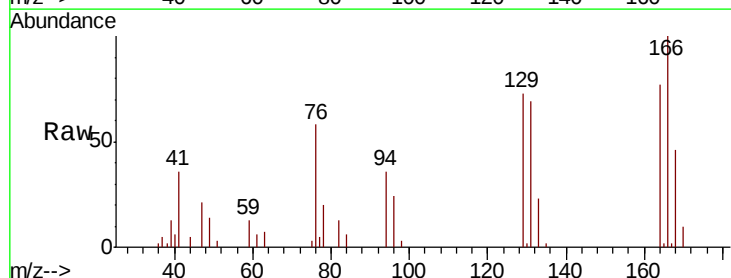


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

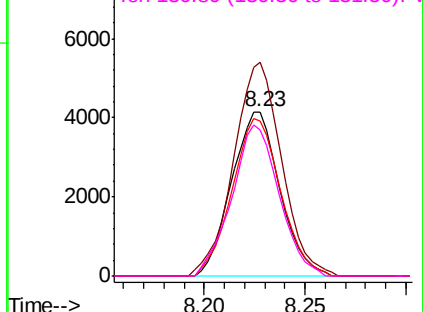
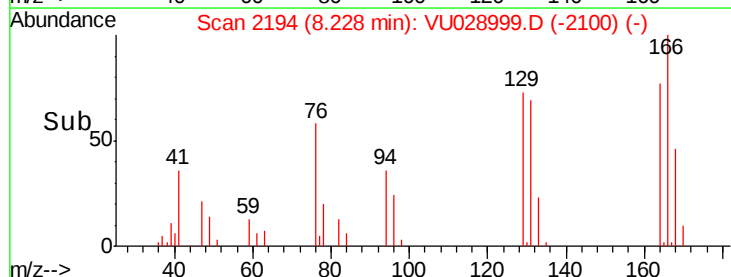


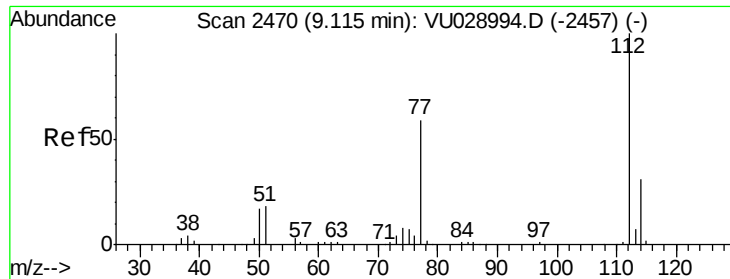
#64
Tetrachloroethene
Concen: 4.854 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion:164 Resp: 6946
Ion Ratio Lower Upper
164 100
166 130.4 99.4 149.0
129 94.7 70.5 105.7
131 89.4 69.0 103.6



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

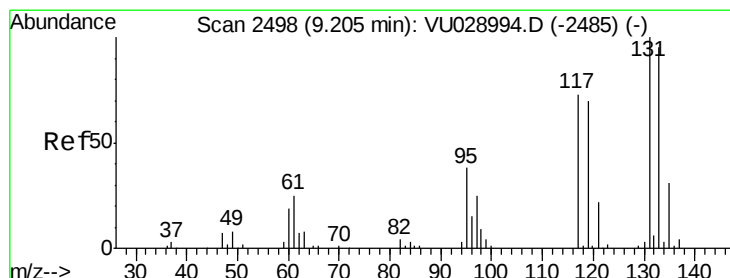
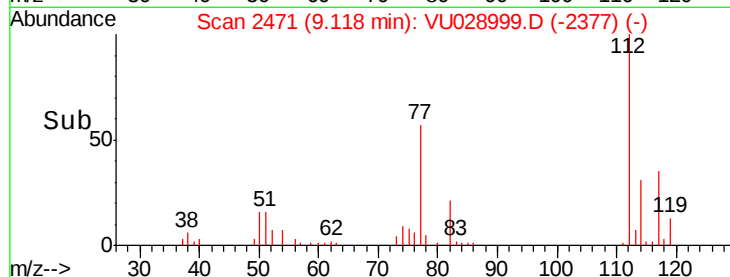
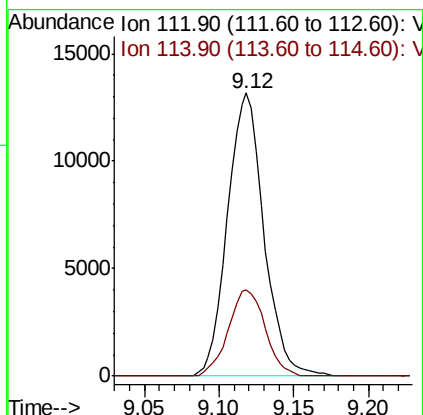
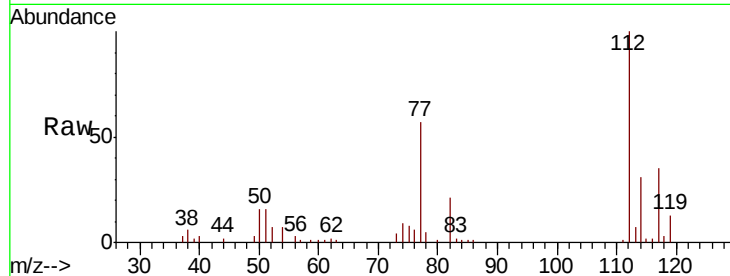




#65
Chlorobenzene
Concen: 5.004 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

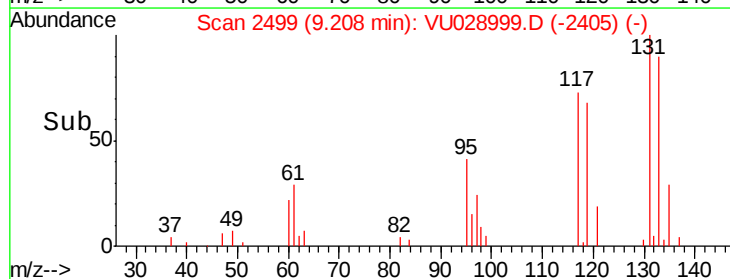
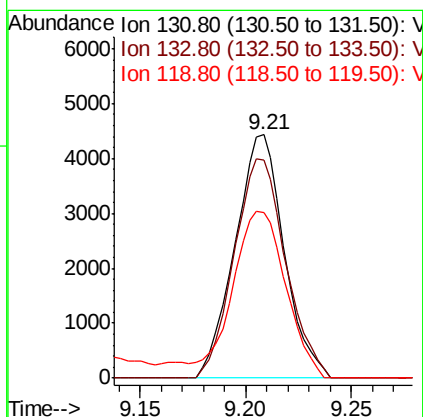
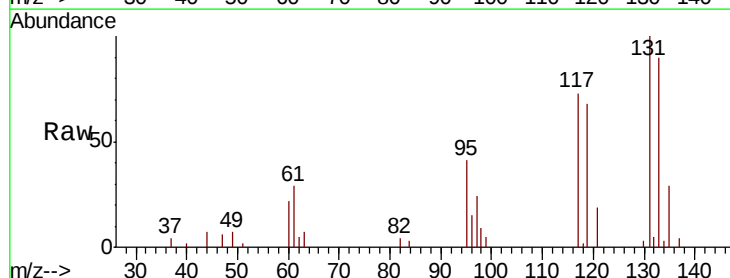
Instrument :
MSVOA_U
ClientSampled :
VSTDIC005

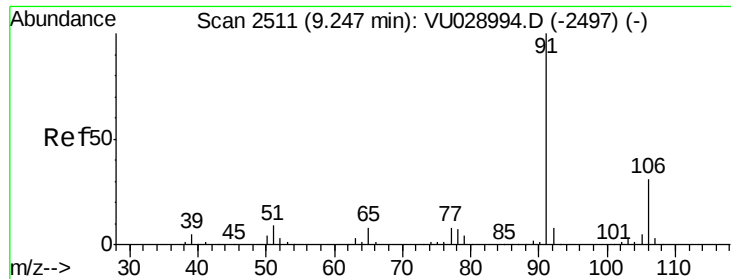
Tgt Ion:112 Resp: 22282
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.962 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion:131 Resp: 7170
Ion Ratio Lower Upper
131 100
133 94.2 48.2 144.6
119 74.8 35.4 106.3

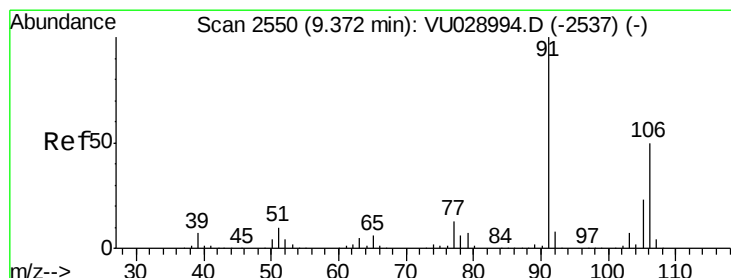
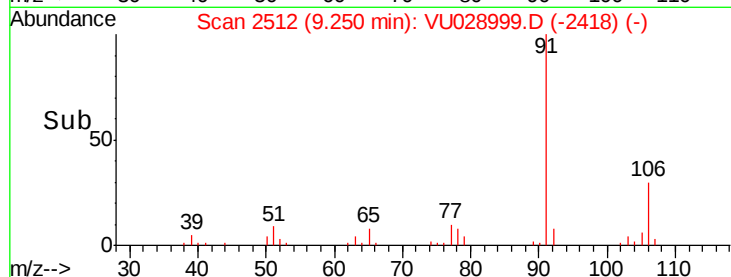
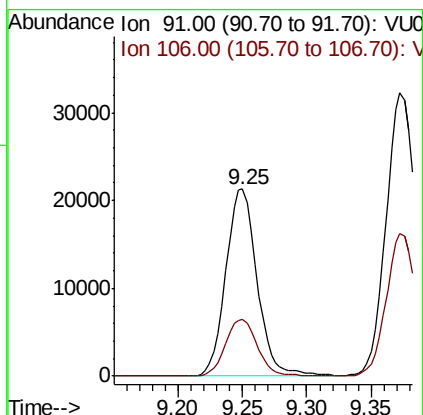
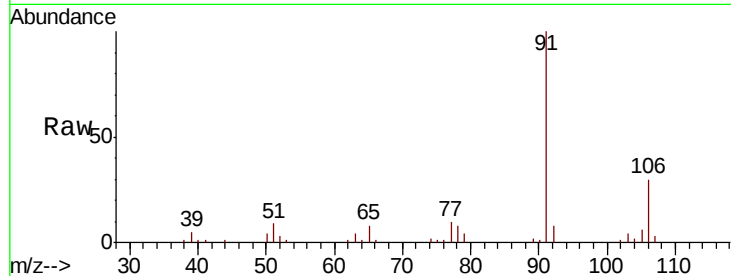




#67
Ethyl Benzene
Concen: 4.831 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

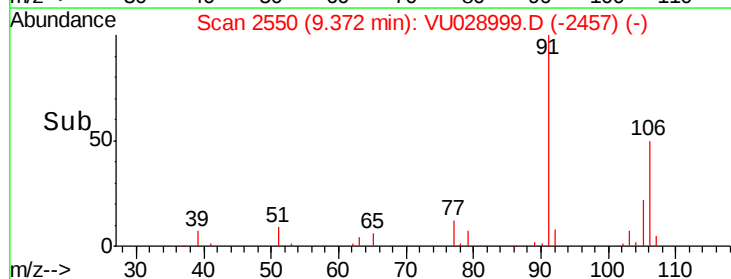
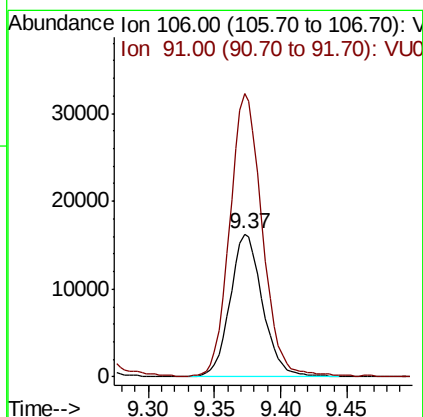
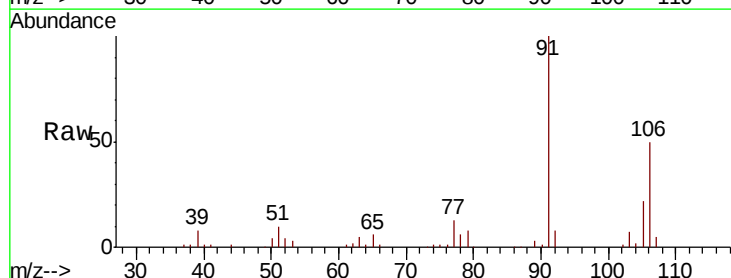
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 35910
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.4



#68
m/p-Xylenes
Concen: 9.594 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 106 Resp: 27710
Ion Ratio Lower Upper
106 100
91 198.6 161.7 242.5

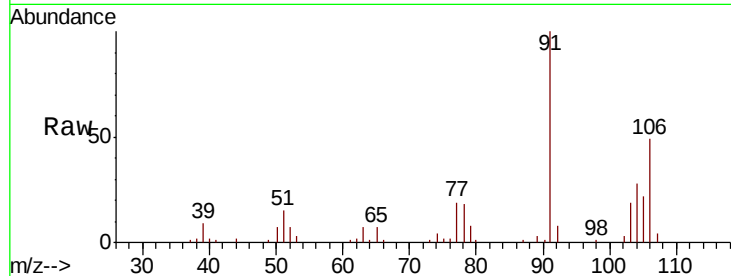




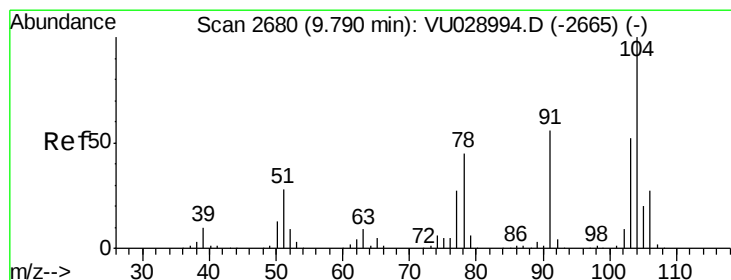
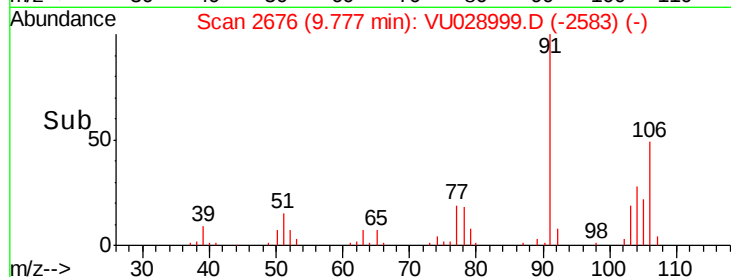
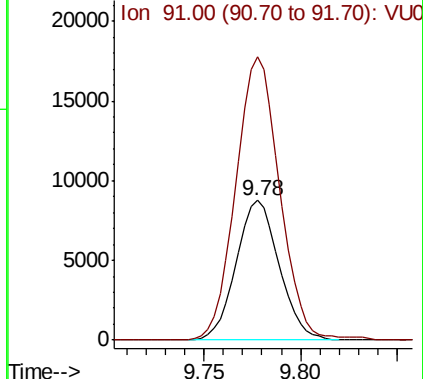
#69
o-Xylene
Concen: 4.877 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 13574
Ion Ratio Lower Upper
106 100
91 206.9 106.1 318.3

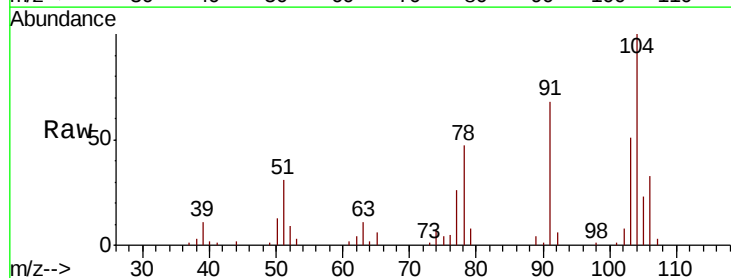


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

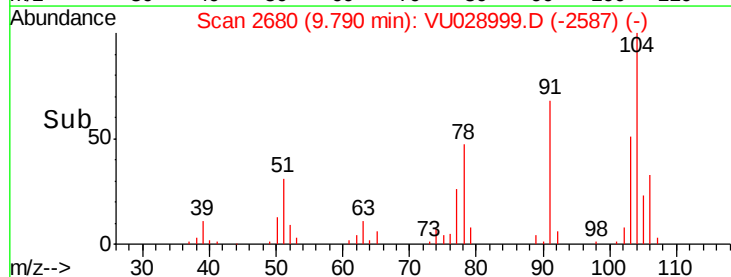
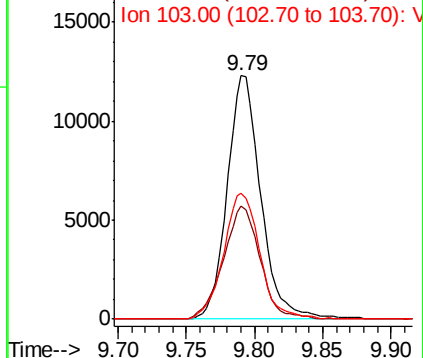


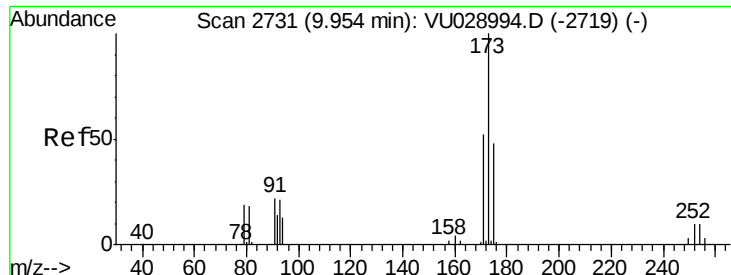
#70
Styrene
Concen: 4.608 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion:104 Resp: 21022
Ion Ratio Lower Upper
104 100
78 50.6 38.6 58.0
103 55.6 44.5 66.7



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

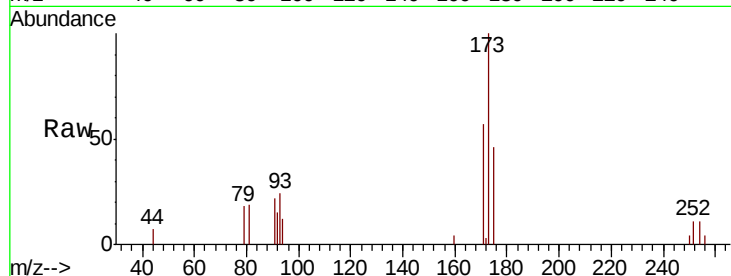




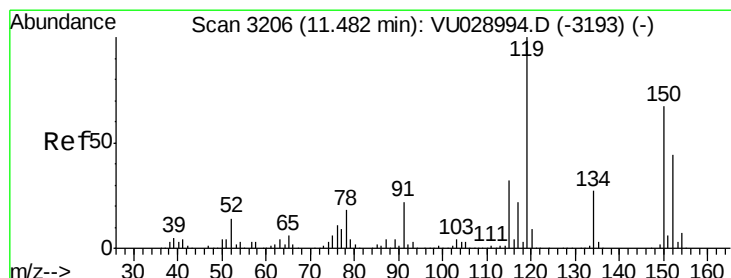
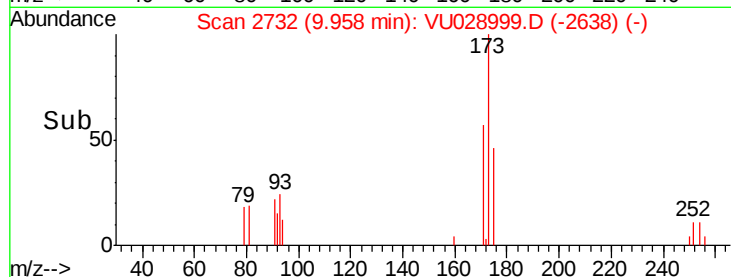
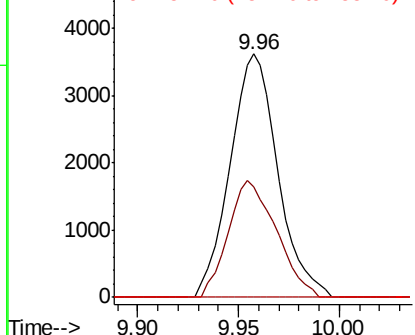
#71
Bromoform
Concen: 4.649 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 5981
Ion Ratio Lower Upper
173 100
175 48.4 23.8 71.2
254 0.0 0.0 0.0

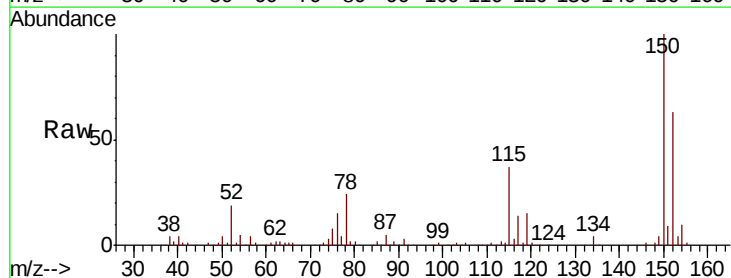


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

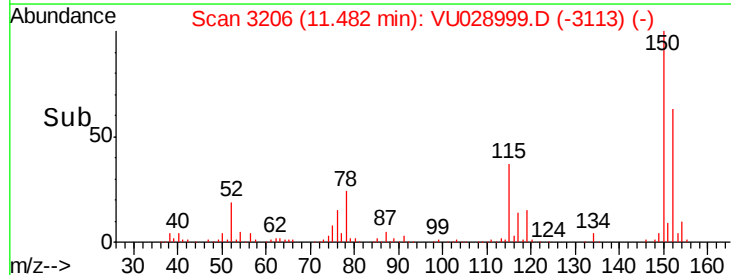
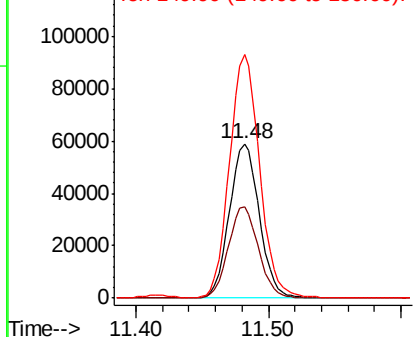


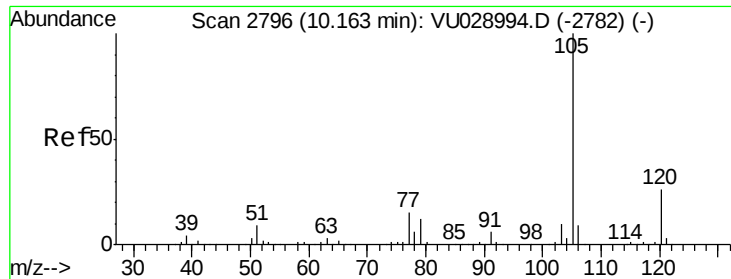
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion:152 Resp: 92439
Ion Ratio Lower Upper
152 100
115 59.6 40.1 120.3
150 158.5 0.0 345.2



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





#73

Isopropylbenzene

Concen: 5.138 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

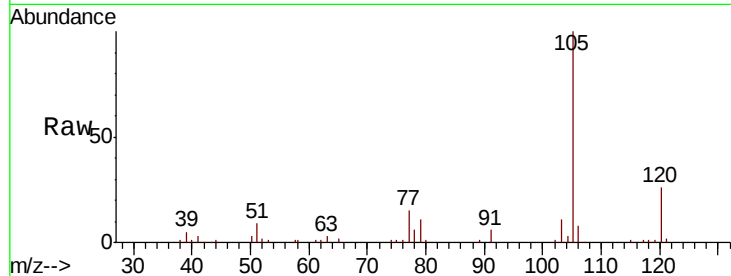
VSTDIC005

Tgt Ion: 105 Resp: 35157

Ion Ratio Lower Upper

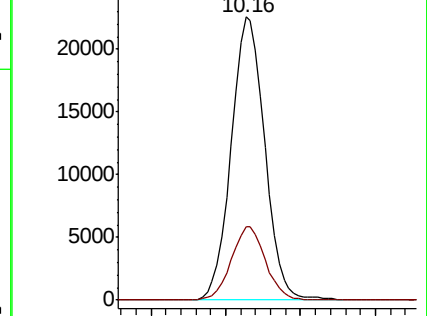
105 100

120 26.3 13.2 39.5

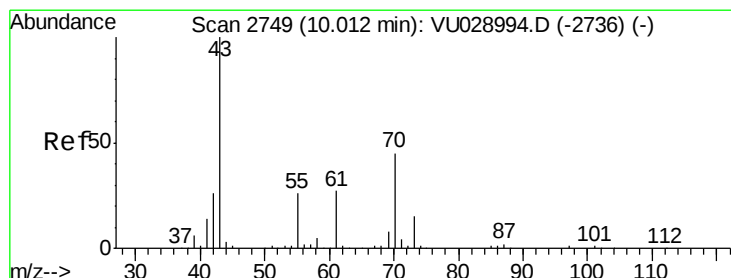
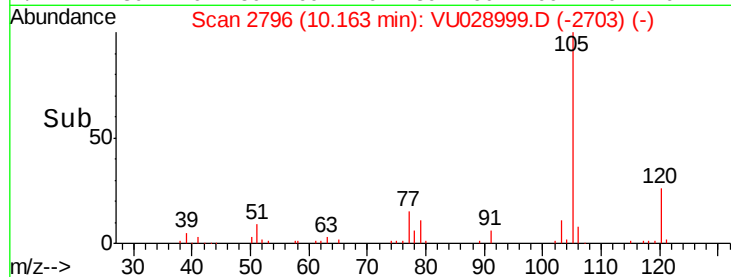


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 4.832 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Tgt Ion: 43 Resp: 14246

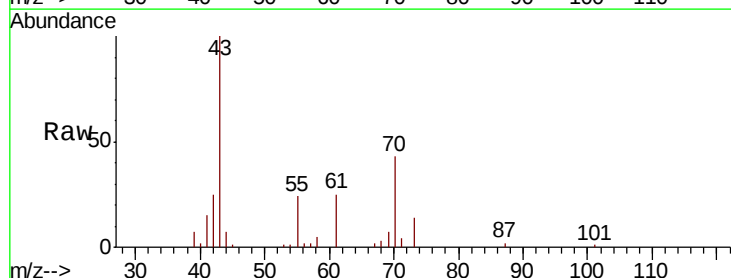
Ion Ratio Lower Upper

43 100

70 44.9 36.3 54.5

55 25.6 20.5 30.7

61 24.8 21.8 32.8

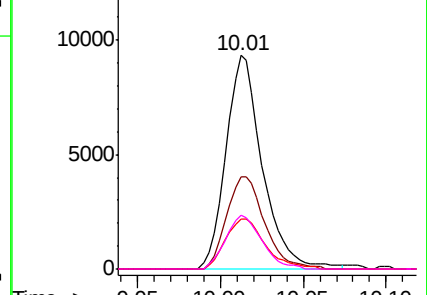


Abundance Ion 43.00 (42.70 to 43.70): VU0

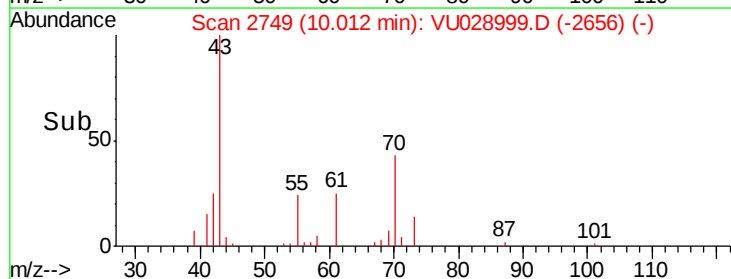
Ion 70.00 (69.70 to 70.70): VU0

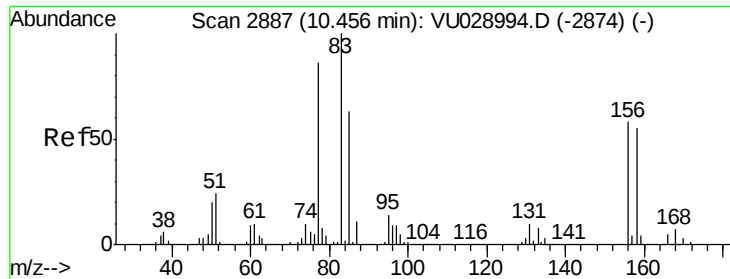
Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



Time-->

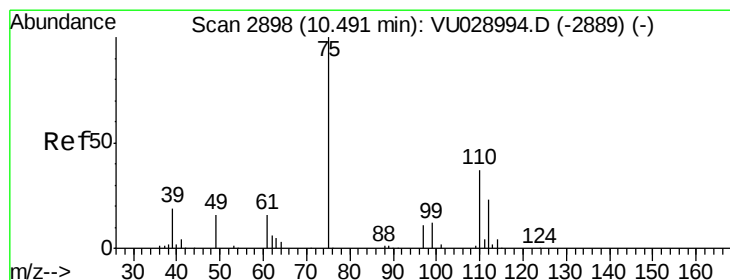
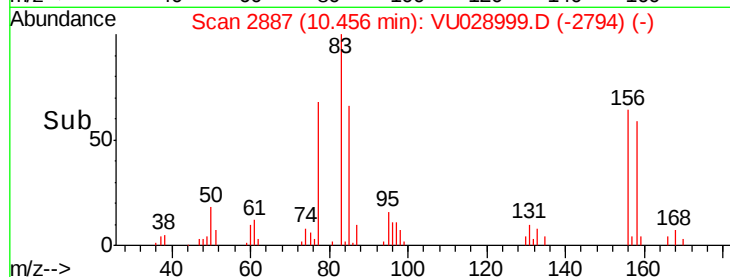
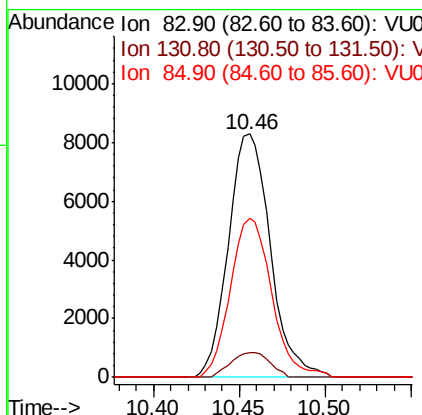
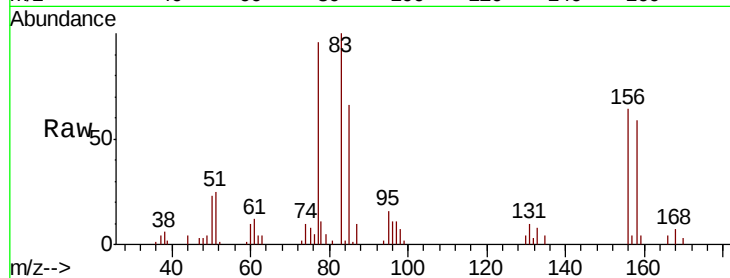




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.149 ug/l
 RT: 10.46 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

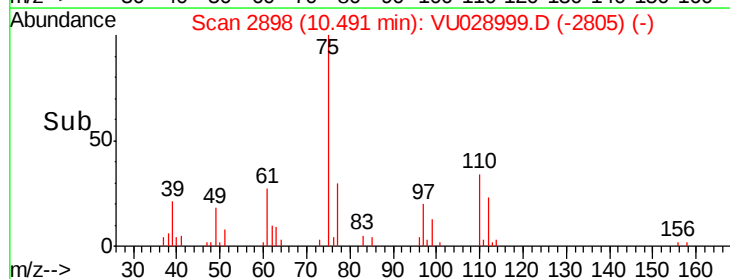
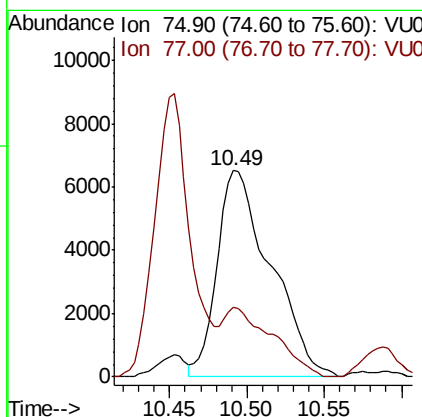
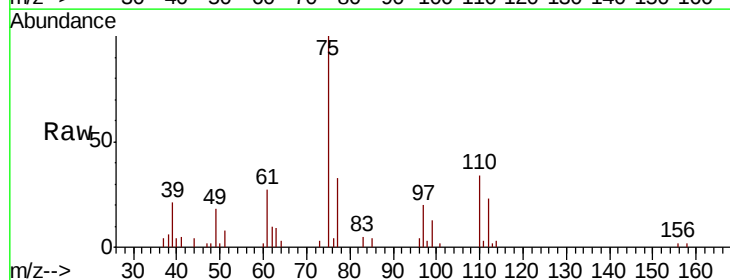
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

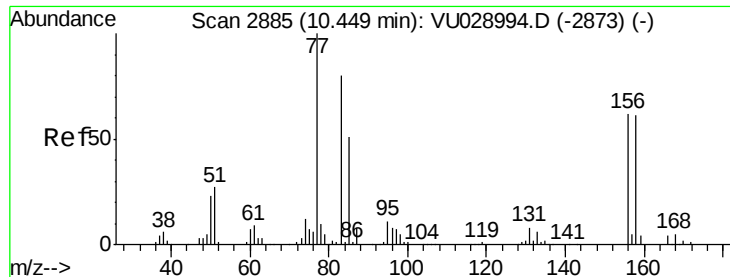
Tgt Ion: 83 Resp: 14121
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.1
 85 64.5 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 6.707 ug/l
 RT: 10.49 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion: 75 Resp: 15734
 Ion Ratio Lower Upper
 75 100
 77 30.4 20.9 62.8





#77

Bromobenzene

Concen: 5.078 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

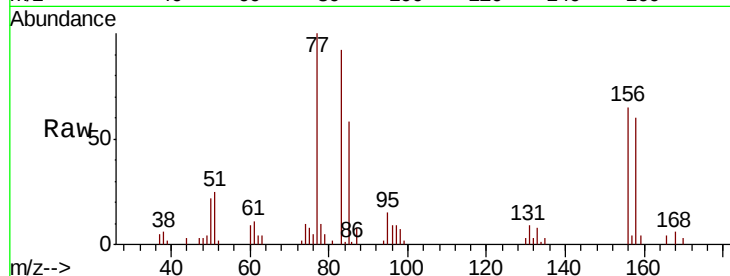
Tgt Ion:156 Resp: 9055

Ion Ratio Lower Upper

156 100

77 161.9 79.0 237.2

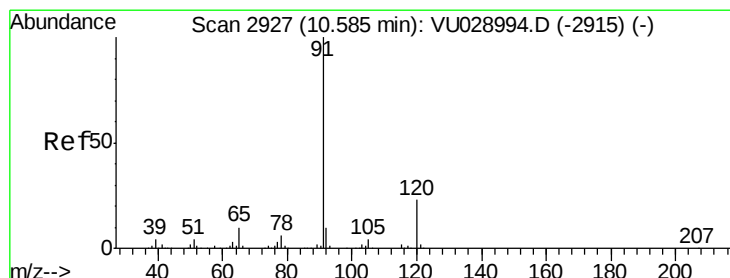
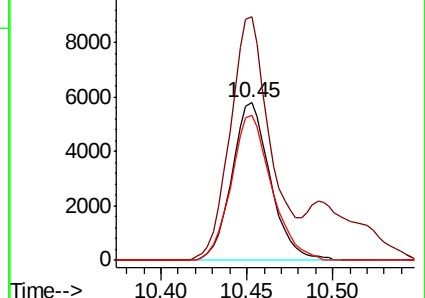
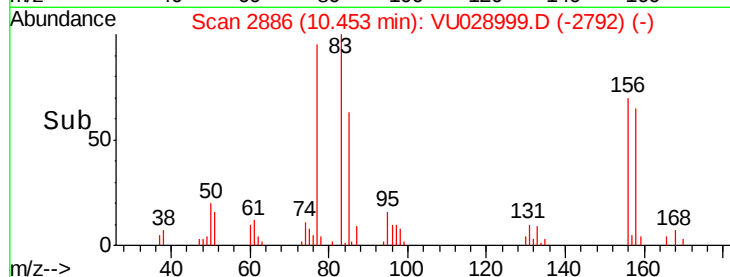
158 96.4 48.9 146.6



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: 4.838 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU028999.D

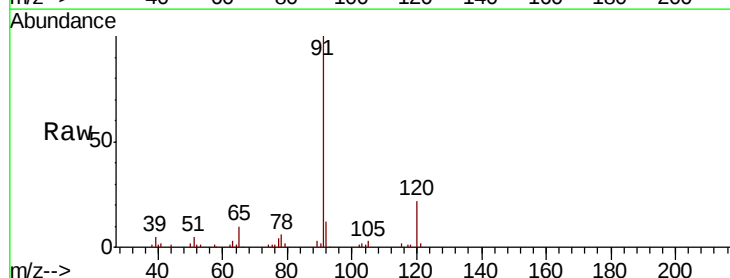
Acq: 03 Jan 2019 15:54

Tgt Ion: 91 Resp: 39010

Ion Ratio Lower Upper

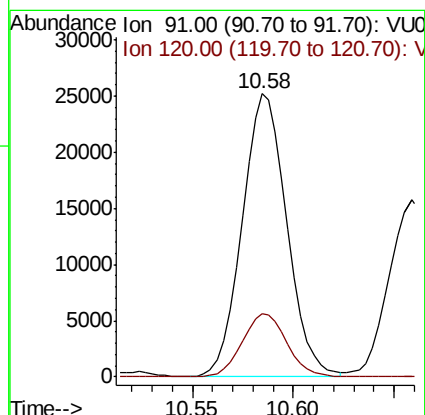
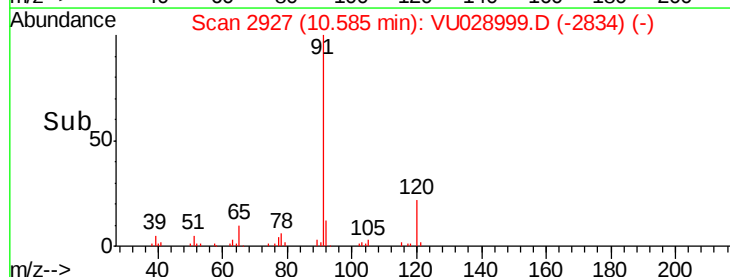
91 100

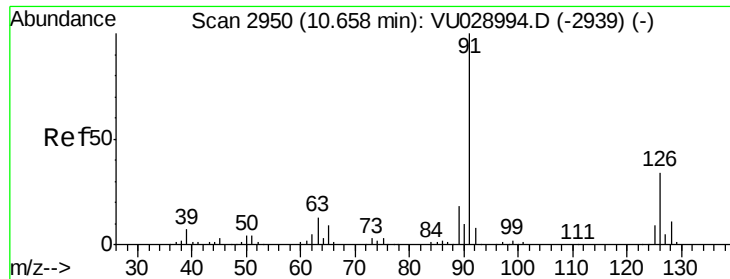
120 22.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

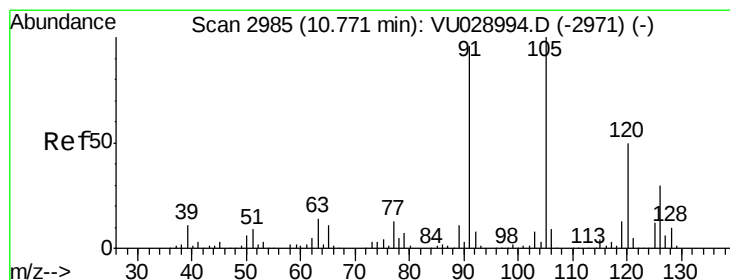
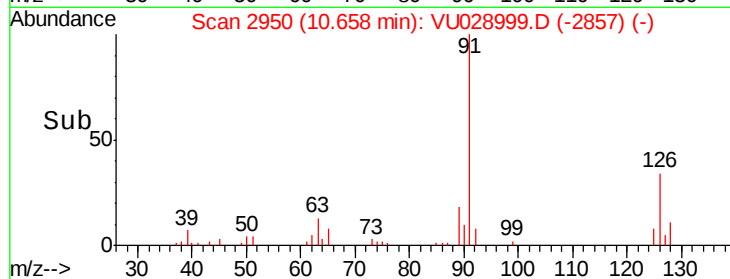
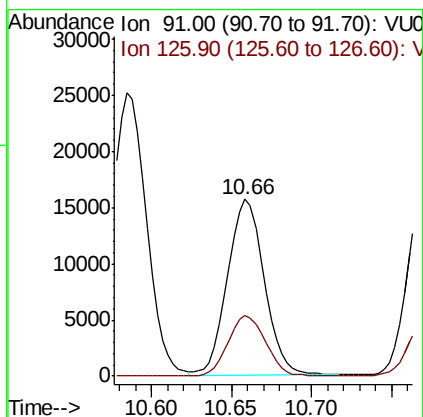
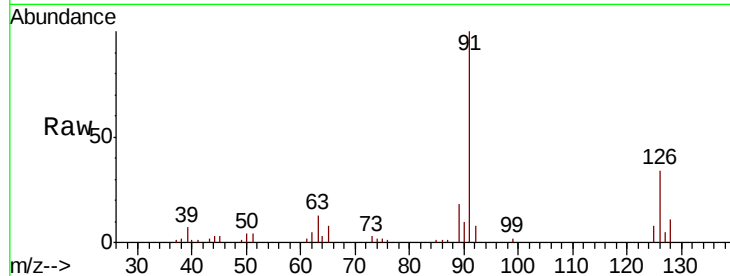




#79
 2-Chlorotoluene
 Concen: 5.050 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

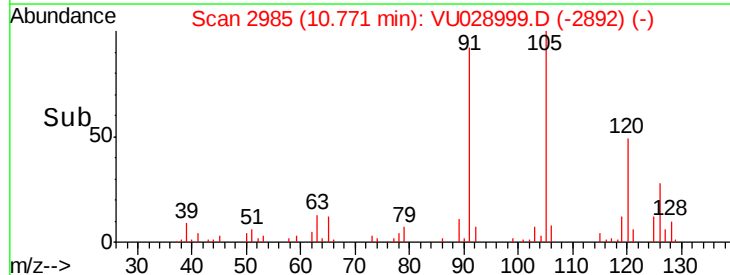
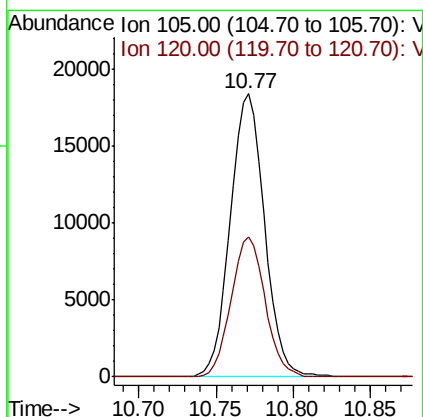
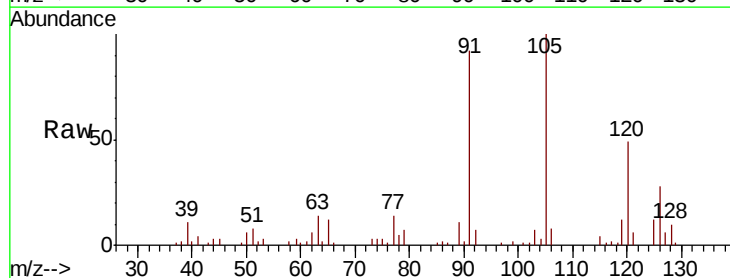
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

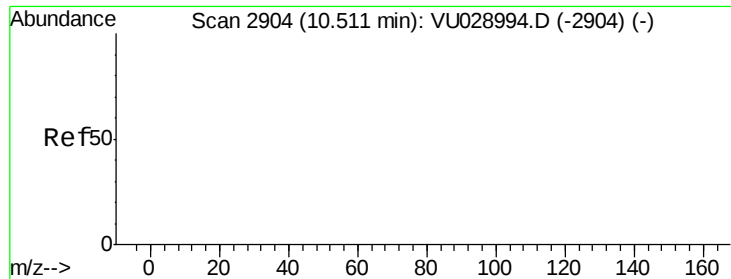
Tgt Ion: 91 Resp: 24702
 Ion Ratio Lower Upper
 91 100
 126 34.5 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 4.945 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion: 105 Resp: 28254
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.070 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU028999.D

Acq: 03 Jan 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

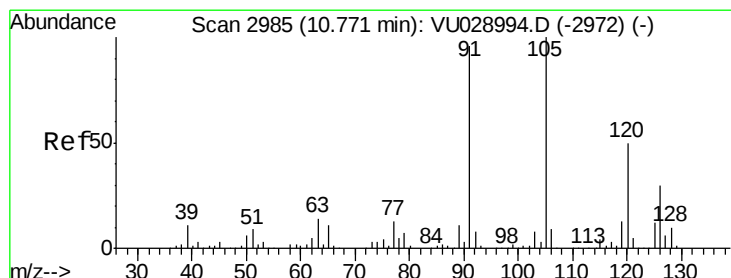
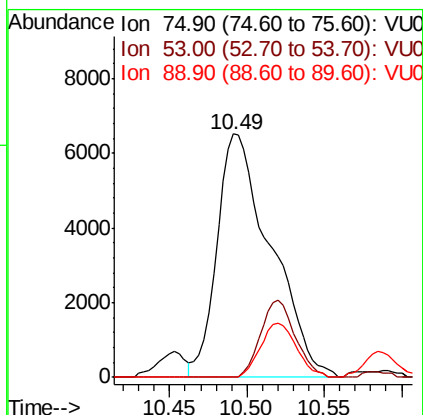
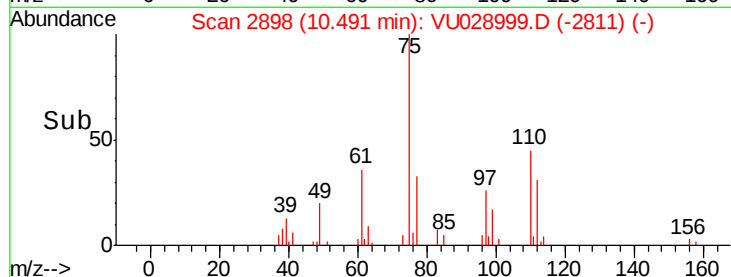
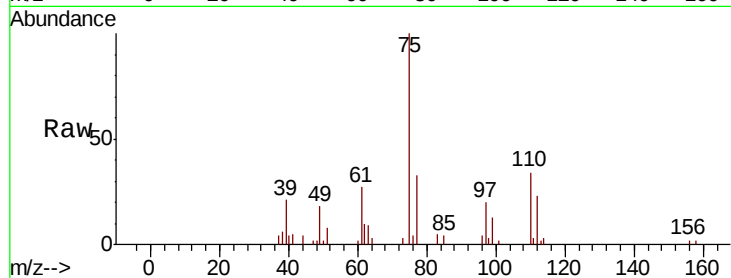
Tgt Ion: 75 Resp: 15734

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 4.933 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028999.D

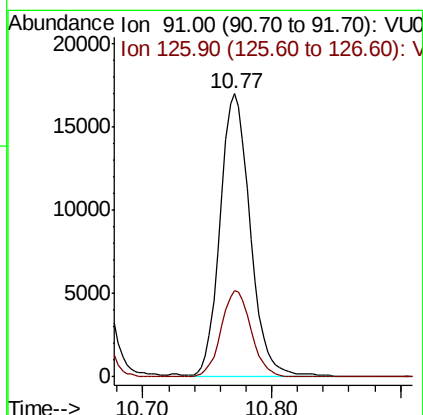
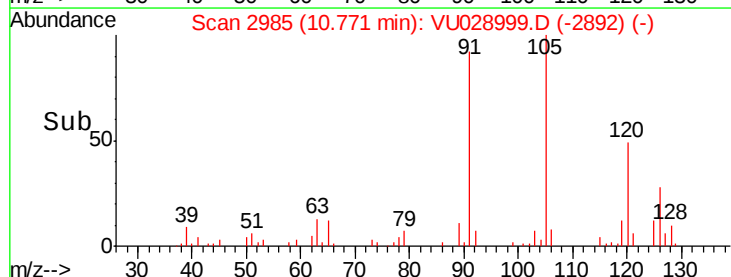
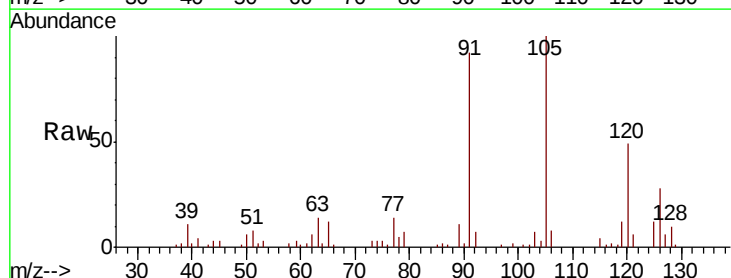
Acq: 03 Jan 2019 15:54

Tgt Ion: 91 Resp: 27668

Ion Ratio Lower Upper

91 100

126 30.1 15.5 46.5

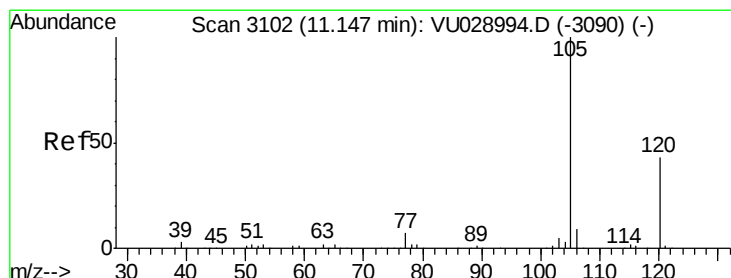
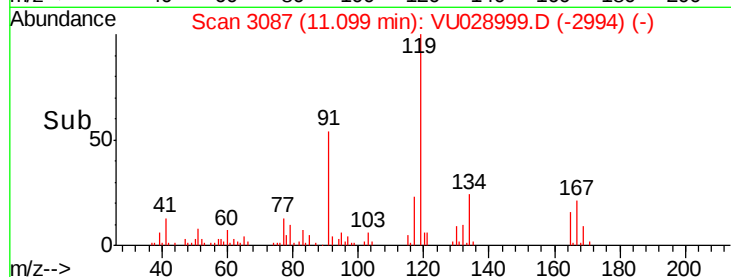
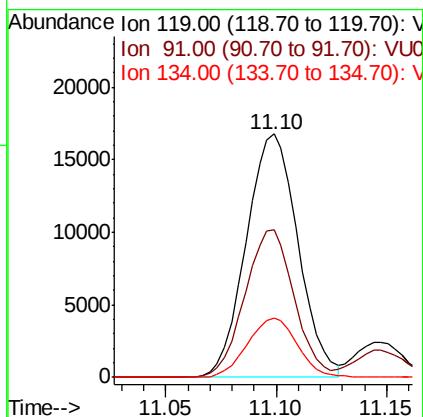
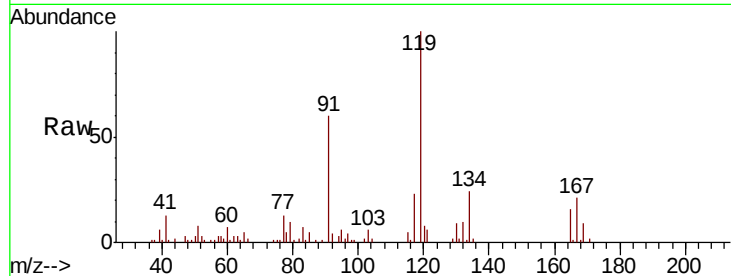




#83
 tert-Butylbenzene
 Concen: 4.839 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

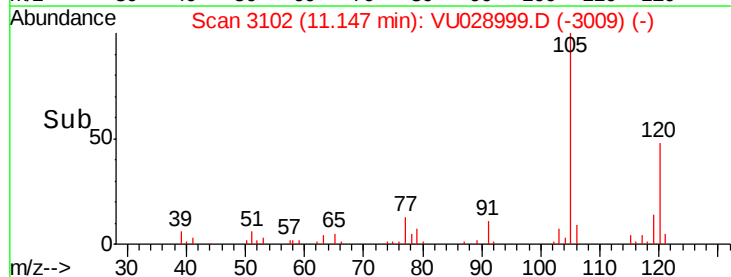
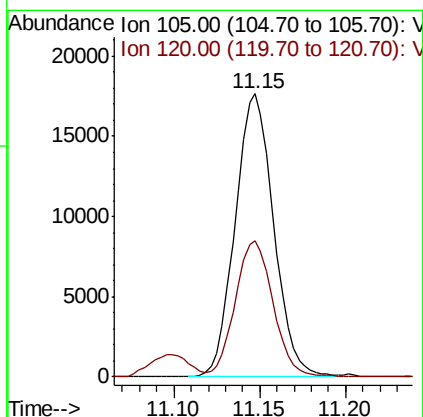
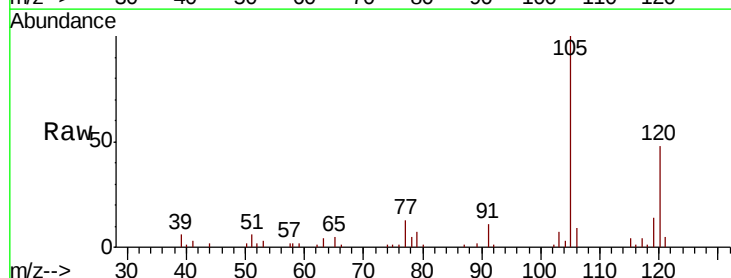
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

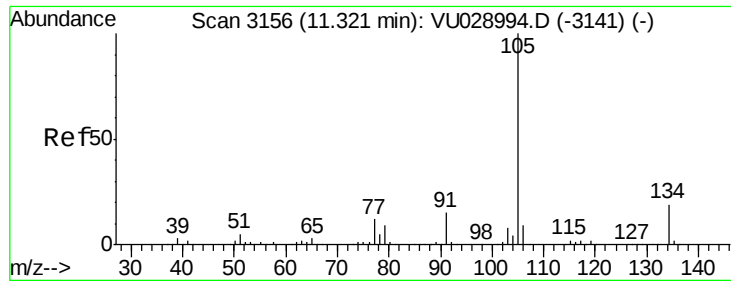
Tgt Ion:119 Resp: 27253
 Ion Ratio Lower Upper
 119 100
 91 57.5 28.2 84.6
 134 23.4 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.811 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion:105 Resp: 27445
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.1 69.3

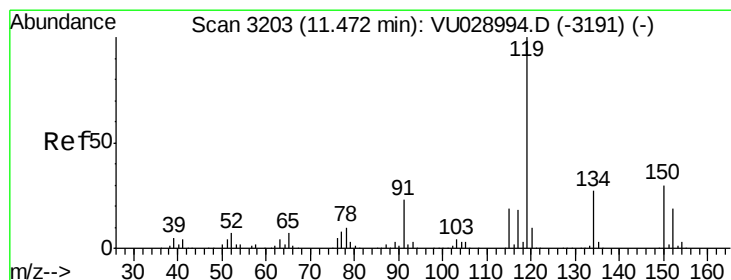
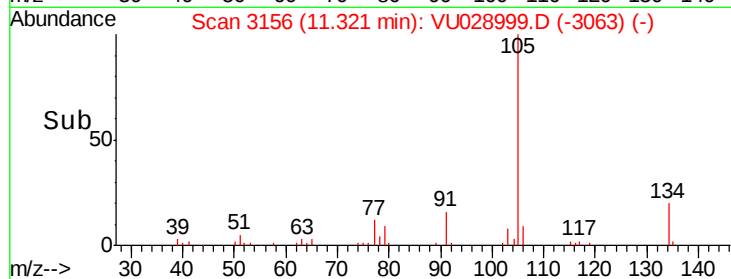
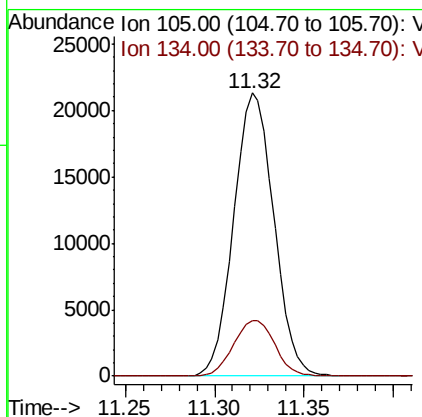
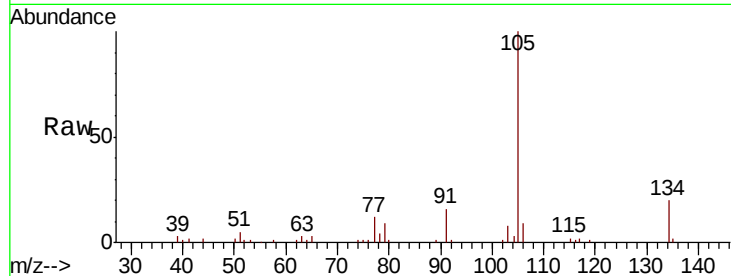




#85
 sec-Butylbenzene
 Concen: 4.895 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

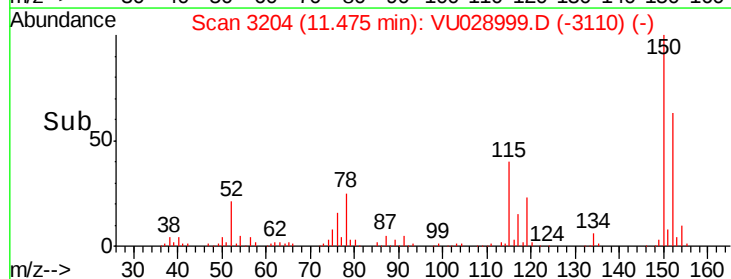
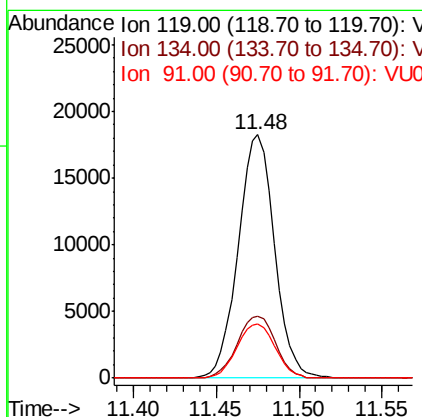
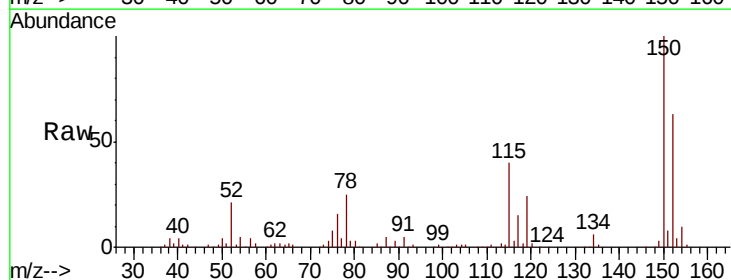
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

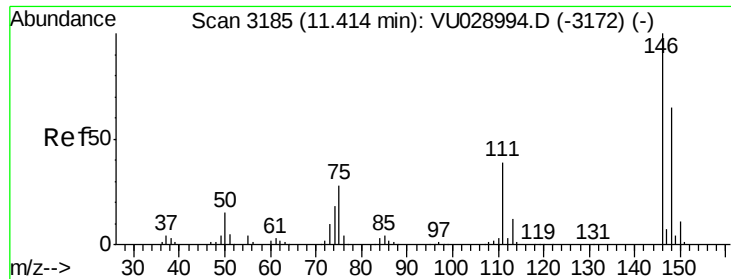
Tgt Ion:105 Resp: 33339
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 4.790 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion:119 Resp: 27799
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 23.4 11.3 33.8

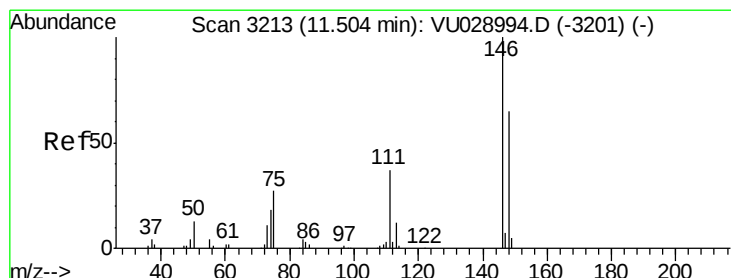
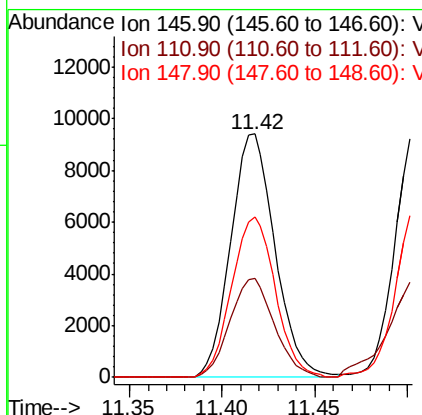
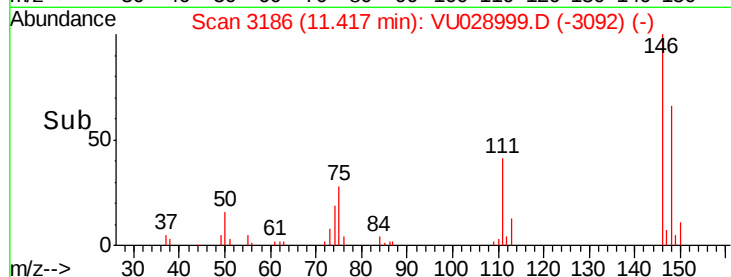
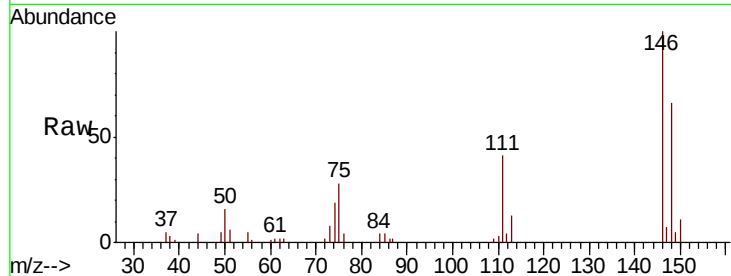




#87
 1,3-Dichlorobenzene
 Concen: 4.768 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

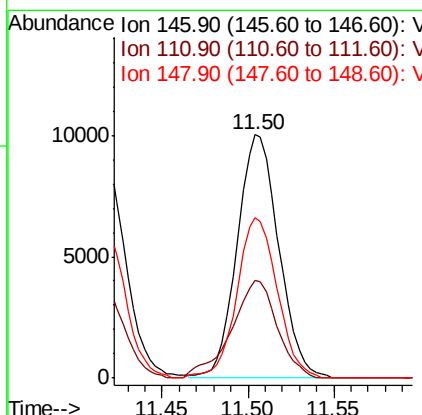
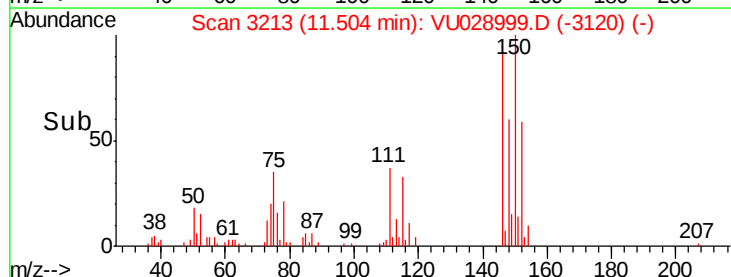
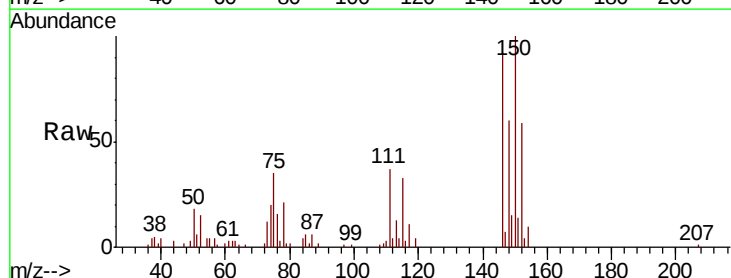
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

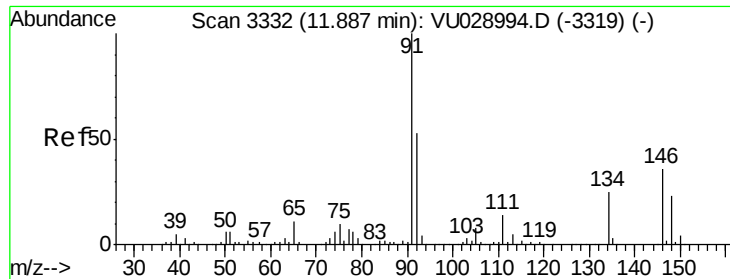
Tgt Ion:146 Resp: 15594
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.3 57.8
 148 64.9 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 4.981 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion:146 Resp: 16815
 Ion Ratio Lower Upper
 146 100
 111 44.2 19.1 57.3
 148 64.0 32.6 98.0

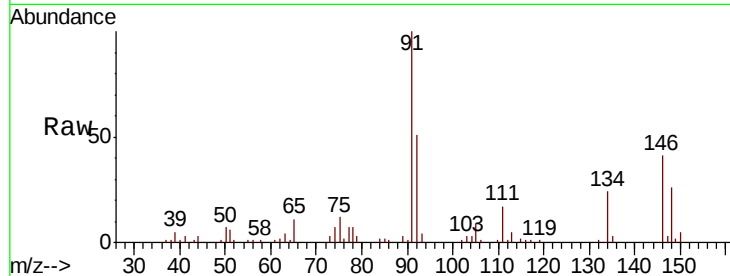




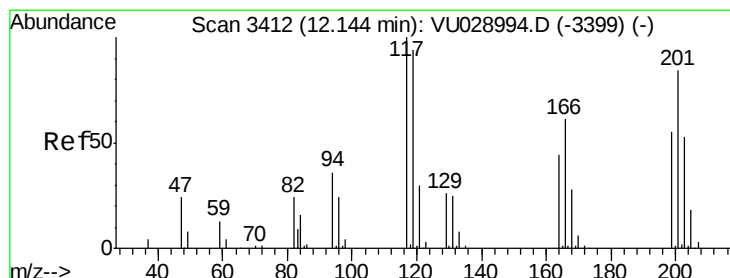
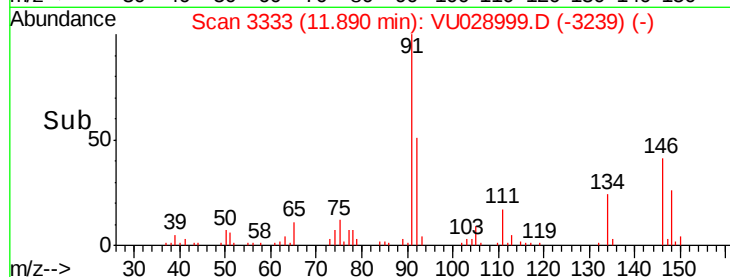
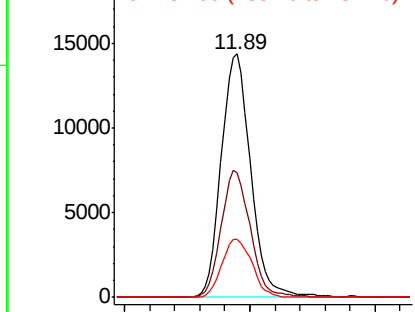
#89
n-Butylbenzene
Concen: 4.532 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 23475
Ion Ratio Lower Upper
91 100
92 51.2 26.2 78.5
134 24.2 12.6 37.6

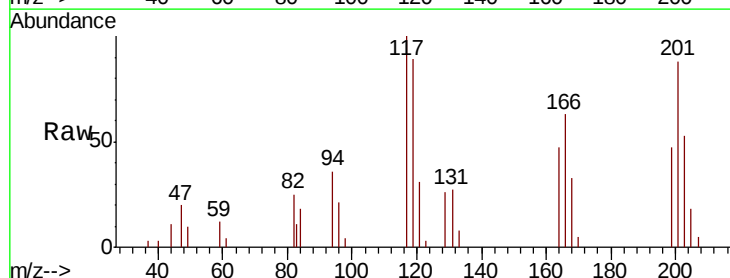


Abundance Ion 91.00 (90.70 to 91.70): VU028999.D (-3319) (-)
Ion 92.00 (91.70 to 92.70): VU028999.D (-3319) (-)
Ion 134.00 (133.70 to 134.70): VU028999.D (-3319) (-)

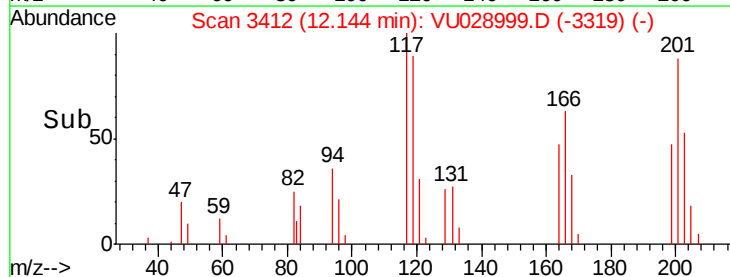
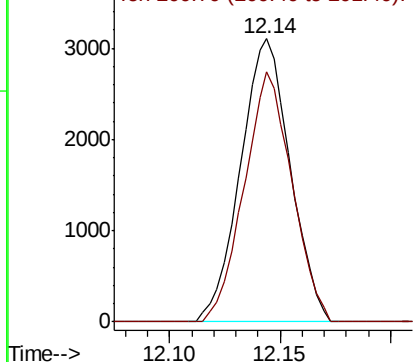


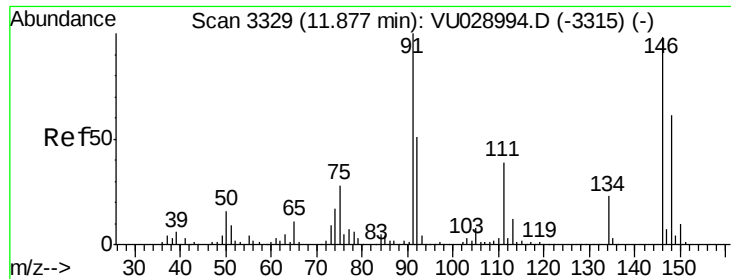
#90
Hexachloroethane
Concen: 4.988 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion: 117 Resp: 4870
Ion Ratio Lower Upper
117 100
201 84.7 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VU028999.D (-3319) (-)
Ion 200.70 (200.40 to 201.40): VU028999.D (-3319) (-)

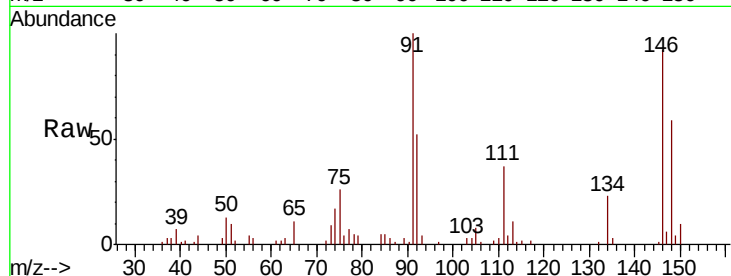




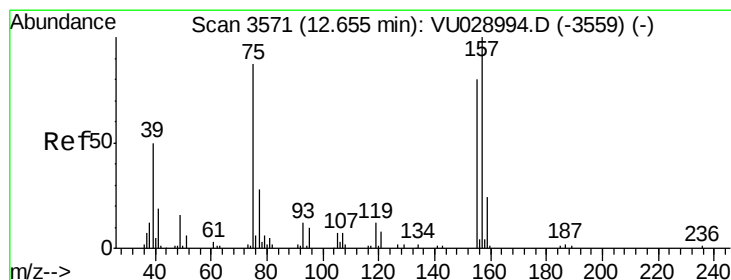
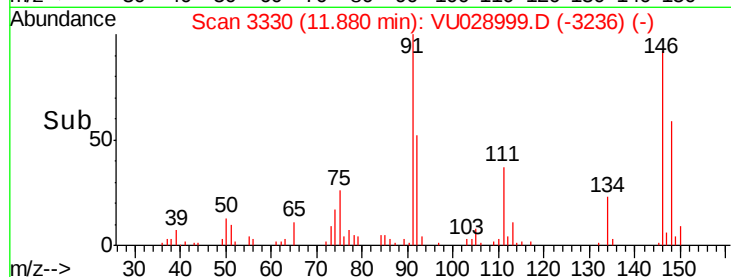
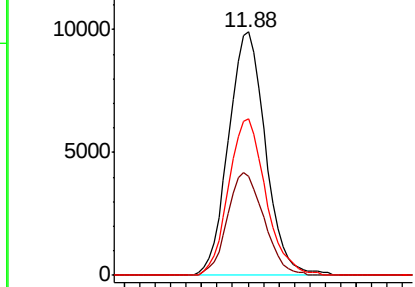
#91
 1,2-Dichlorobenzene
 Concen: 4.984 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 146 Resp: 16419
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.0 59.9
 148 64.8 31.6 94.8

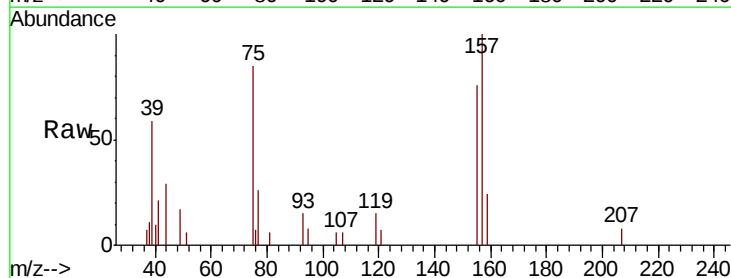


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

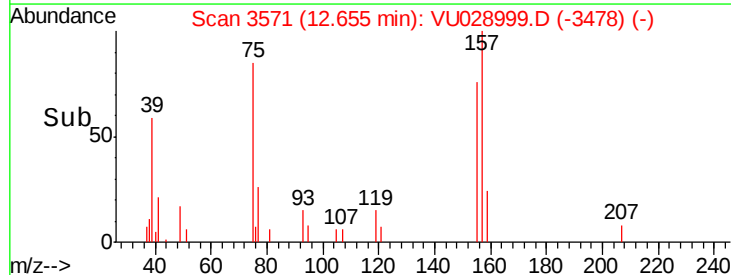
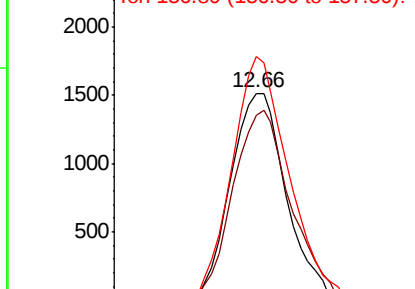


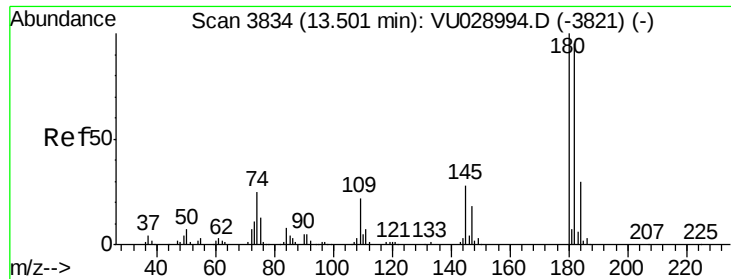
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.749 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion: 75 Resp: 2505
 Ion Ratio Lower Upper
 75 100
 155 95.7 46.3 138.8
 157 119.9 57.4 172.0



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

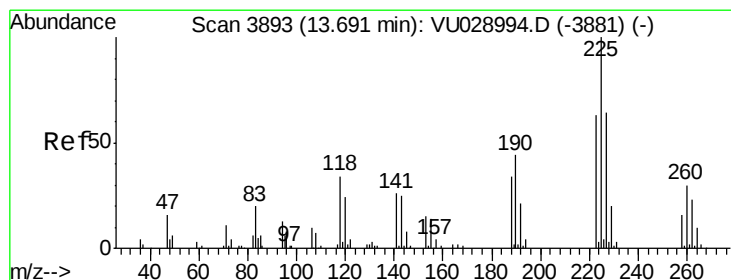
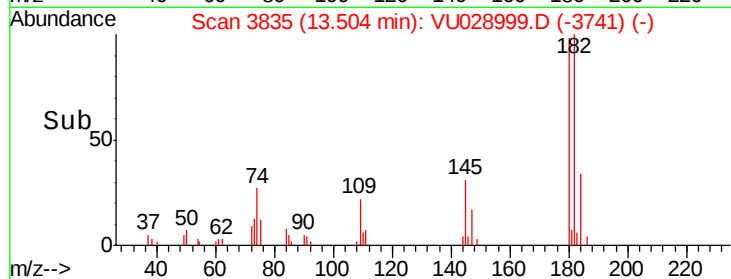
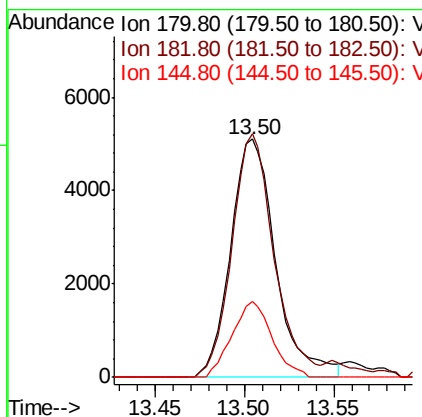
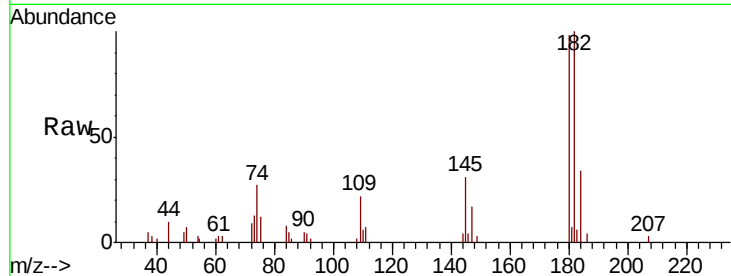




#93
 1,2,4-Trichlorobenzene
 Concen: 4.278 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

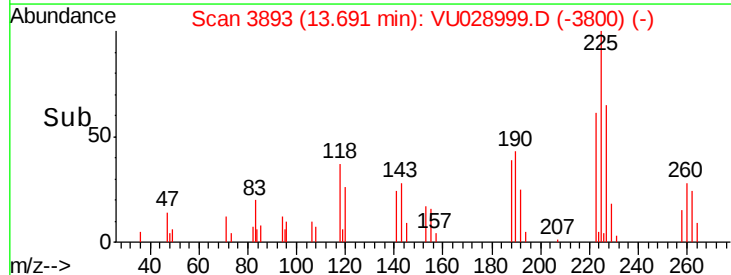
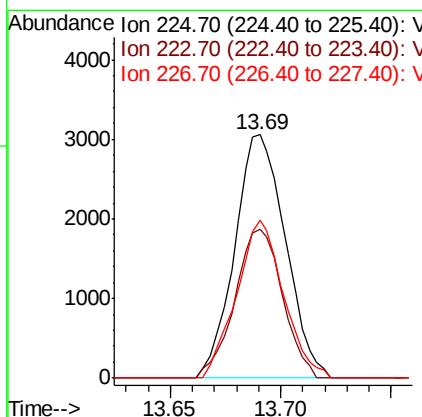
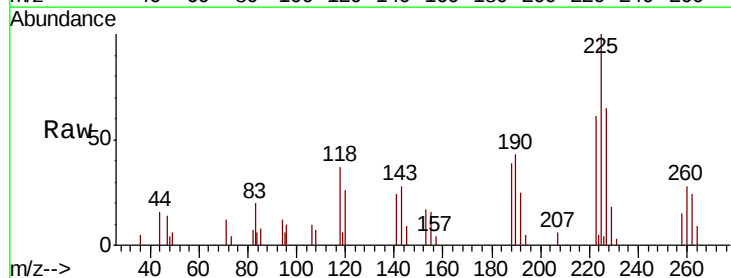
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

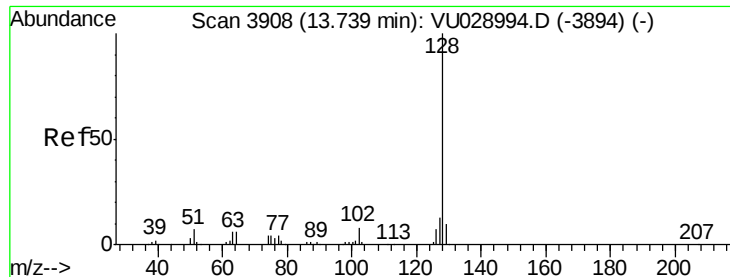
Tgt Ion:180 Resp: 8996
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.5 142.6
 145 28.1 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 5.064 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU028999.D
 Acq: 03 Jan 2019 15:54

Tgt Ion:225 Resp: 4871
 Ion Ratio Lower Upper
 225 100
 223 57.4 31.4 94.0
 227 60.2 31.9 95.5

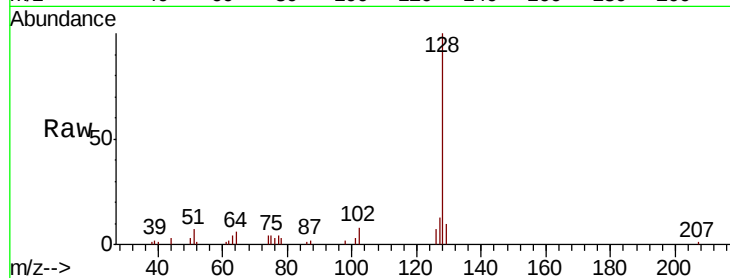




#95
Naphthalene
Concen: 4.149 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.1	15.1
129	10.1	8.5	12.7

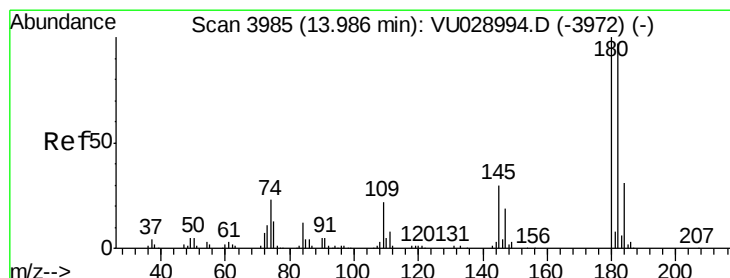
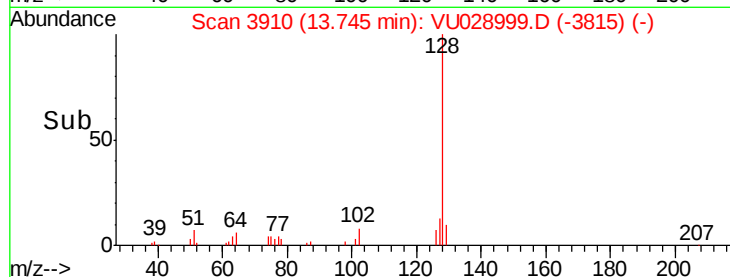
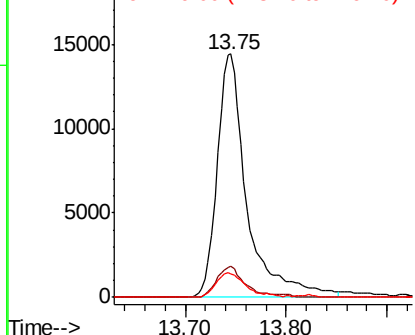


Abundance

Ion 128.00 (127.70 to 128.70): V

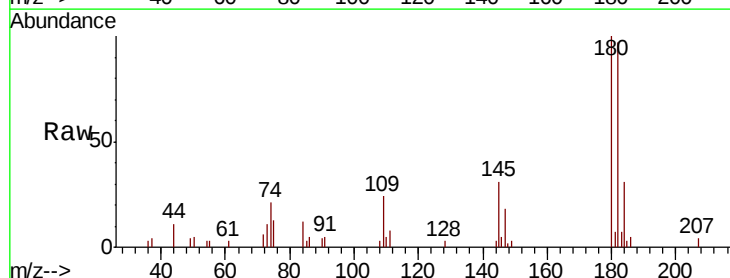
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 4.327 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028999.D
Acq: 03 Jan 2019 15:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	48.1	144.3
145	29.3	14.8	44.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

