

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029119.D
 Acq On : 10 Jan 2019 15:28
 Operator : MD/SY
 Sample : VU0110MBSD01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

Quant Time: Jan 11 02:47:29 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	141341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	236298	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	215531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	103155	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	90749	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	4.88	113	77183	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	7.56	98	303998	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	10.30	95	103987	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	25918	18.490	ug/l	98
3) Chloromethane	1.33	50	42261	18.449	ug/l	99
4) Vinyl Chloride	1.40	62	40384	19.550	ug/l	100
5) Bromomethane	1.62	94	23699	20.525	ug/l	98
6) Chloroethane	1.69	64	24620	20.010	ug/l	100
7) Trichlorofluoromethane	1.88	101	45680	20.295	ug/l	98
8) Diethyl Ether	2.10	74	22591	20.891	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	29595	19.651	ug/l	98
10) Methyl Iodide	2.41	142	31003	21.894	ug/l	99
11) Tert butyl alcohol	2.83	59	49712	111.932	ug/l	99
12) 1,1-Dichloroethene	2.28	96	29505	20.127	ug/l	97
13) Acrolein	2.19	56	29408	88.182	ug/l	99
14) Allyl chloride	2.59	41	48313	17.962	ug/l	91
15) Acrylonitrile	2.93	53	116677	107.083	ug/l	99
16) Acetone	2.32	43	92595	84.124	ug/l	98
17) Carbon Disulfide	2.48	76	88404	17.853	ug/l	100
18) Methyl Acetate	2.62	43	56449	22.056	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	106160	20.599	ug/l	99
20) Methylene Chloride	2.70	84	36675	19.625	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	32189	18.900	ug/l	96
22) Diisopropyl ether	3.57	45	108346	20.382	ug/l	99
23) Vinyl Acetate	3.52	43	437139	100.591	ug/l	100
24) 1,1-Dichloroethane	3.44	63	63356	20.646	ug/l	99
25) 2-Butanone	4.26	43	150356	101.137	ug/l	99
26) 2,2-Dichloropropane	4.22	77	45965	18.537	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	37712	20.245	ug/l	98
28) Bromochloromethane	4.55	49	28311	21.546	ug/l	96
29) Tetrahydrofuran	4.64	42	97452	108.078	ug/l	99
30) Chloroform	4.67	83	60214	20.601	ug/l	95
31) Cyclohexane	4.99	56	58214	19.409	ug/l	94
32) 1,1,1-Trichloroethane	4.91	97	49432	20.468	ug/l	99
36) 1,1-Dichloropropene	5.13	75	45825	19.402	ug/l	97
37) Ethyl Acetate	4.38	43	53097	20.480	ug/l	99
38) Carbon Tetrachloride	5.13	117	38668	19.629	ug/l	94

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029119.D
 Acq On : 10 Jan 2019 15:28
 Operator : MD/SY
 Sample : VU0110MBSD01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

Quant Time: Jan 11 02:47:29 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	55143	18.991	ug/l	99
40) Benzene	5.39	78	143820	19.521	ug/l	99
41) Methacrylonitrile	4.54	41	28750	20.717	ug/l	98
42) 1,2-Dichloroethane	5.40	62	45967	20.763	ug/l	100
43) Isopropyl Acetate	5.55	43	82742	20.805	ug/l	99
44) Trichloroethene	6.19	130	34167	18.717	ug/l	97
45) 1,2-Dichloropropane	6.43	63	38825	19.955	ug/l	100
46) Dibromomethane	6.56	93	24796	19.937	ug/l	99
47) Bromodichloromethane	6.76	83	45204	19.740	ug/l	99
48) Methyl methacrylate	6.62	41	40399	20.862	ug/l	99
49) 1,4-Dioxane	6.61	88	20059	437.091	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	281713	104.085	ug/l	100
52) Toluene	7.63	92	87182	19.438	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	51991	18.900	ug/l	95
54) cis-1,3-Dichloropropene	7.27	75	58121	19.553	ug/l	97
55) 1,1,2-Trichloroethane	8.06	97	36391	20.253	ug/l	99
56) Ethyl methacrylate	8.02	69	55431	20.025	ug/l	99
57) 1,3-Dichloropropane	8.24	76	61825	20.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	120469	98.957	ug/l	100
59) 2-Hexanone	8.36	43	216516	101.911	ug/l	100
60) Dibromochloromethane	8.48	129	34305	19.271	ug/l	99
61) 1,2-Dibromoethane	8.58	107	38748	19.884	ug/l	100
64) Tetrachloroethene	8.22	164	30485	19.635	ug/l	96
65) Chlorobenzene	9.12	112	95211	19.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	32141	20.500	ug/l	98
67) Ethyl Benzene	9.25	91	161203	19.986	ug/l	98
68) m/p-Xylenes	9.37	106	125594	40.074	ug/l	100
69) o-Xylene	9.78	106	62061	20.552	ug/l	98
70) Styrene	9.79	104	97473	19.690	ug/l	100
71) Bromoform	9.96	173	26637	19.081	ug/l #	99
73) Isopropylbenzene	10.16	105	157657	20.649	ug/l	100
74) N-amyl acetate	10.01	43	67434	20.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	61907	20.230	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	72323	28.615	ug/l	83
77) Bromobenzene	10.45	156	40294	20.251	ug/l	98
78) n-propylbenzene	10.58	91	185318	20.595	ug/l	100
79) 2-Chlorotoluene	10.66	91	111261	20.384	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	131896	20.686	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	72323	73.799	ug/l #	100
82) 4-Chlorotoluene	10.77	91	125544	20.059	ug/l	98
83) tert-Butylbenzene	11.10	119	128063	20.378	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	133038	20.899	ug/l	100
85) sec-Butylbenzene	11.32	105	159854	21.032	ug/l	99
86) p-Isopropyltoluene	11.48	119	132207	20.414	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	71416	19.568	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	72211	19.168	ug/l	98
89) n-Butylbenzene	11.89	91	119037	20.593	ug/l	98
90) Hexachloroethane	12.14	117	20470	18.788	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	70757	19.248	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	12378	21.031	ug/l	98

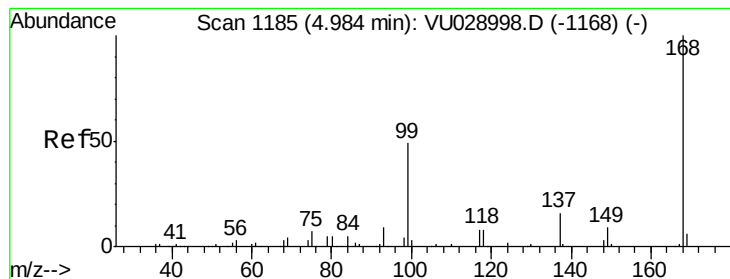
Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
Data File : VU029119.D
Acq On : 10 Jan 2019 15:28
Operator : MD/SY
Sample : VU0110MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

Quant Time: Jan 11 02:47:29 2019
Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	44563	18.991	ug/l	99
94) Hexachlorobutadiene	13.69	225	22297	20.774	ug/l	99
95) Naphthalene	13.74	128	149680	18.751	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	46785	19.842	ug/l	99

(#) = 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: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

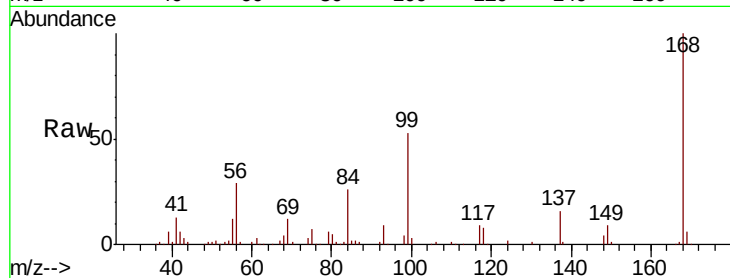
VU0110MBSD01

Tgt Ion:168 Resp: 141341

Ion Ratio Lower Upper

168 100

99 52.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

60000

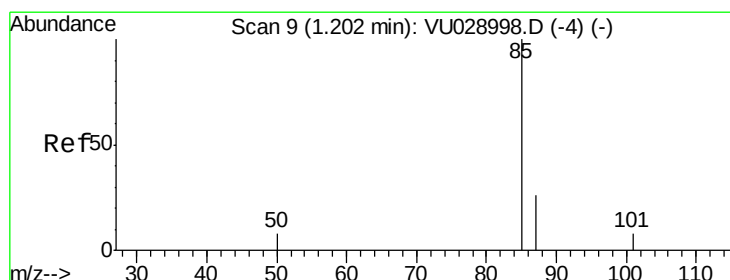
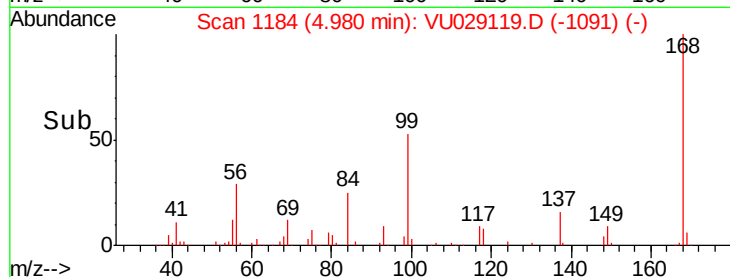
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.490 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU029119.D

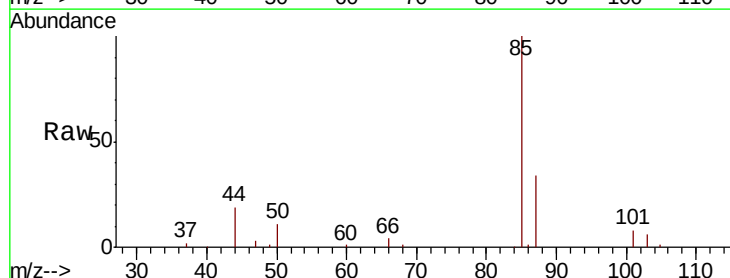
Acq: 10 Jan 2019 15:28

Tgt Ion: 85 Resp: 25918

Ion Ratio Lower Upper

85 100

87 33.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028998.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VU028998.D (-4) (-)

1.21

30000

25000

20000

15000

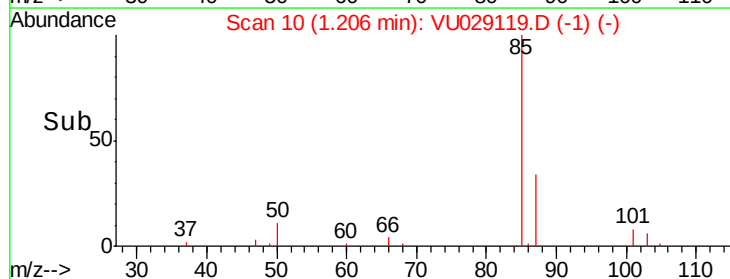
10000

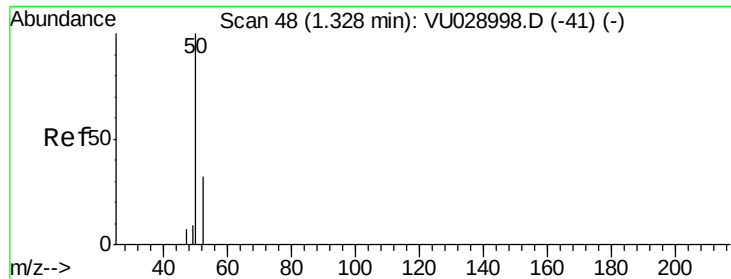
5000

0

1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.449 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

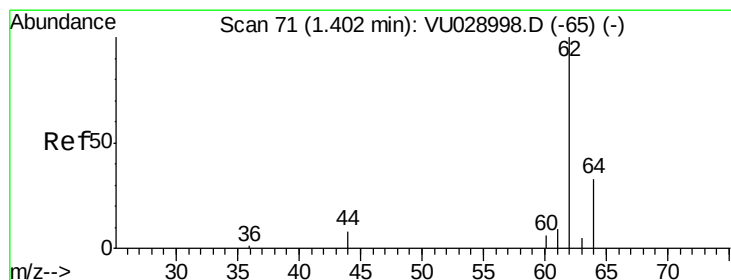
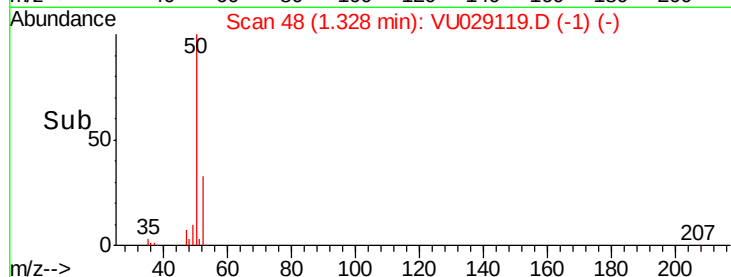
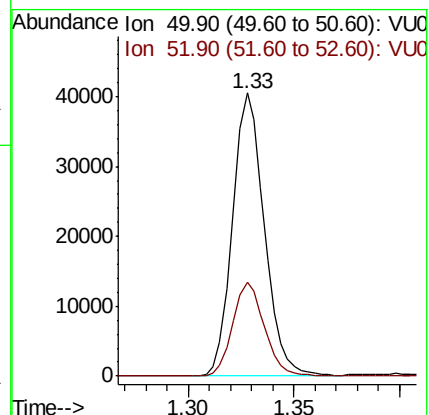
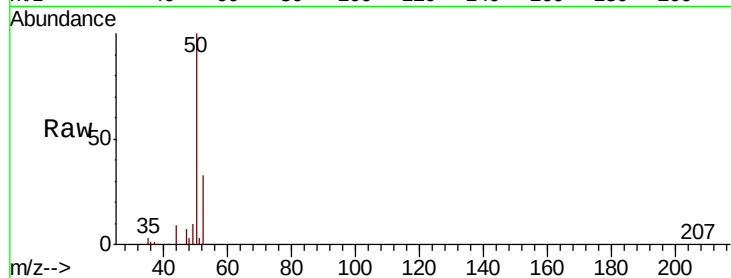
VU0110MBSD01

Tgt Ion: 50 Resp: 42261

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 19.550 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU029119.D

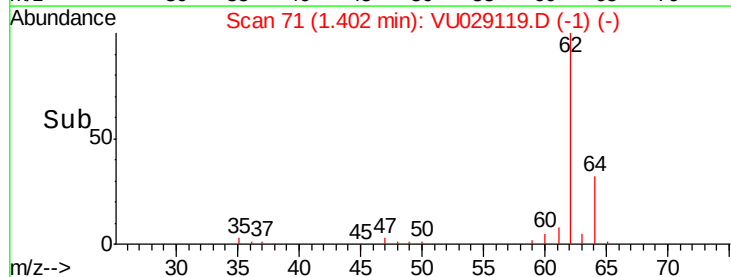
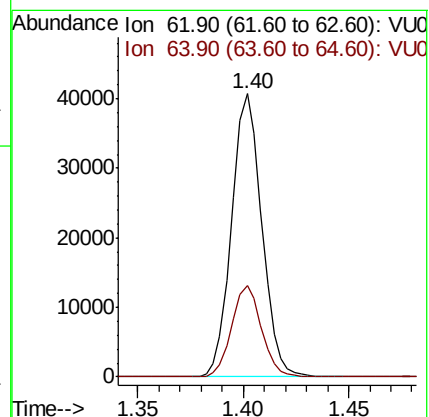
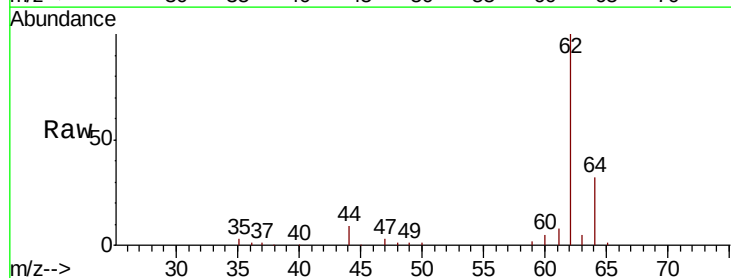
Acq: 10 Jan 2019 15:28

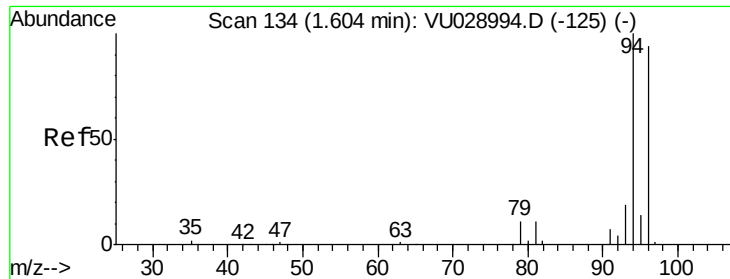
Tgt Ion: 62 Resp: 40384

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9

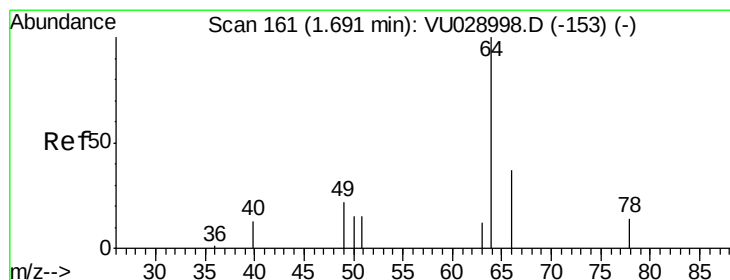
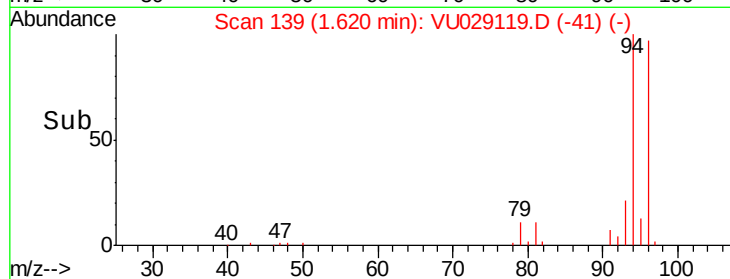
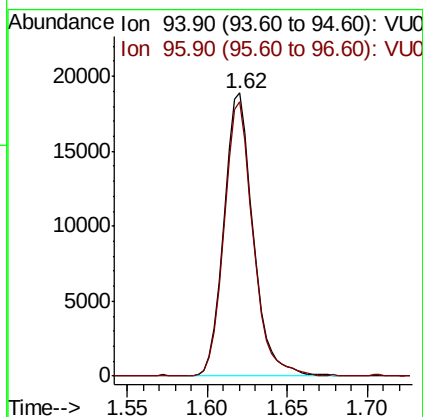
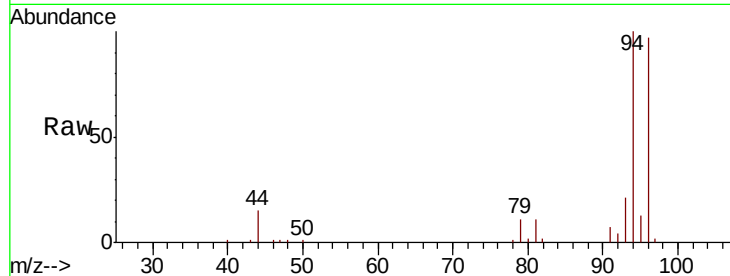




#5
 Bromomethane
 Concen: 20.525 ug/l
 RT: 1.62 min Scan# 139
 Delta R.T. 0.02 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

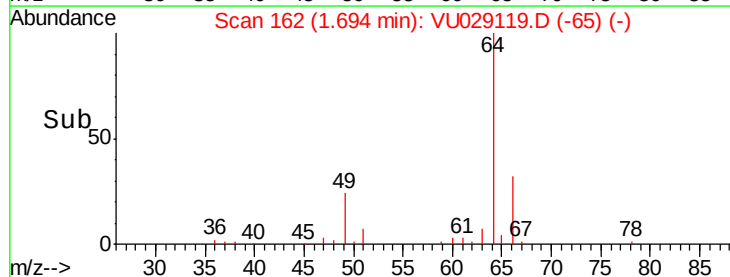
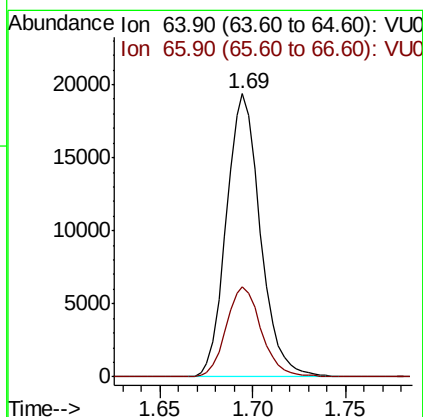
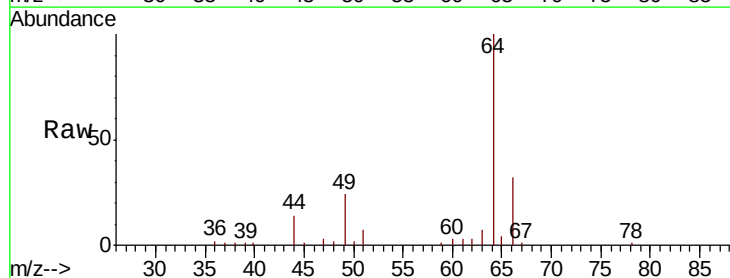
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBS01

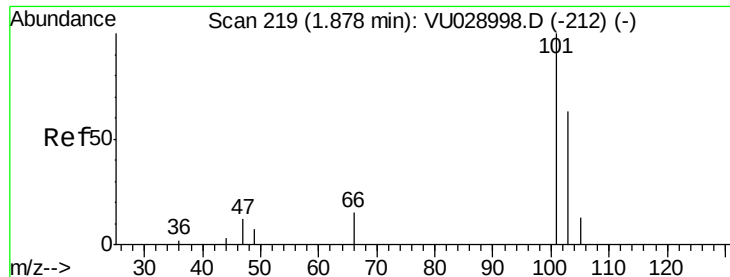
Tgt Ion: 94 Resp: 23699
 Ion Ratio Lower Upper
 94 100
 96 96.8 75.5 113.3



#6
 Chloroethane
 Concen: 20.010 ug/l
 RT: 1.69 min Scan# 162
 Delta R.T. 0.01 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 64 Resp: 24620
 Ion Ratio Lower Upper
 64 100
 66 31.7 25.2 37.8



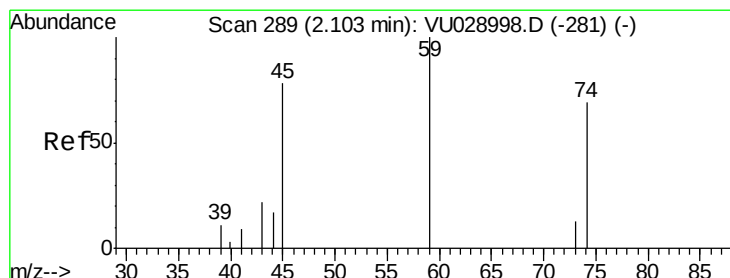
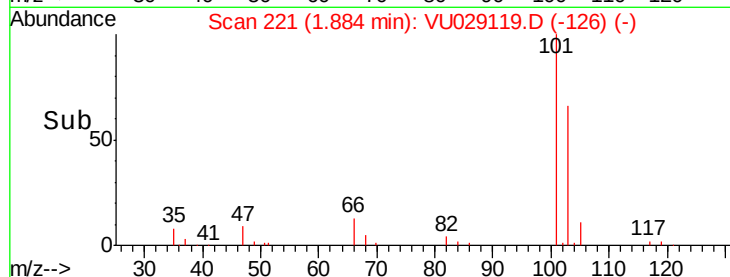
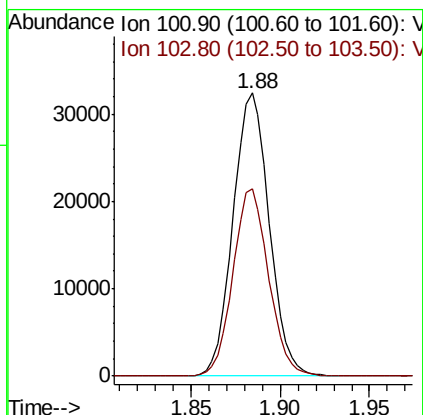
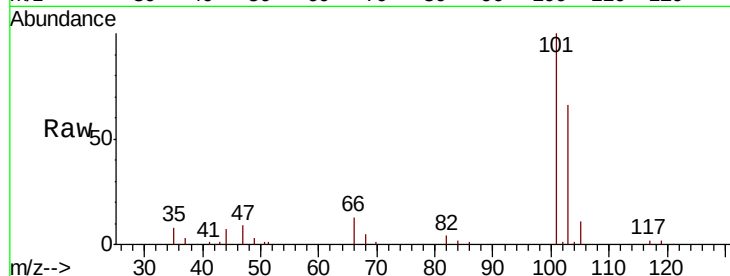


#7

Trichlorofluoromethane
 Concen: 20.295 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

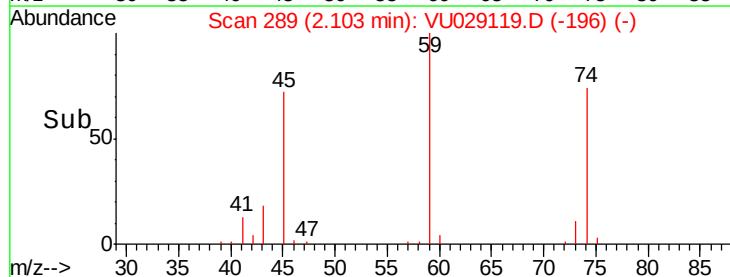
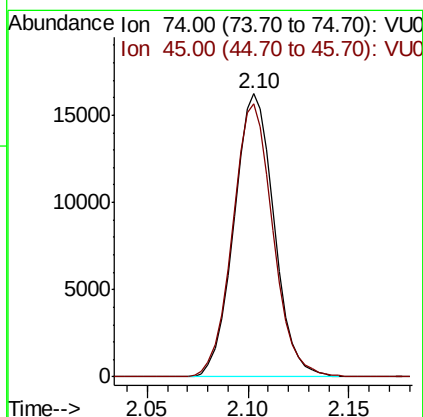
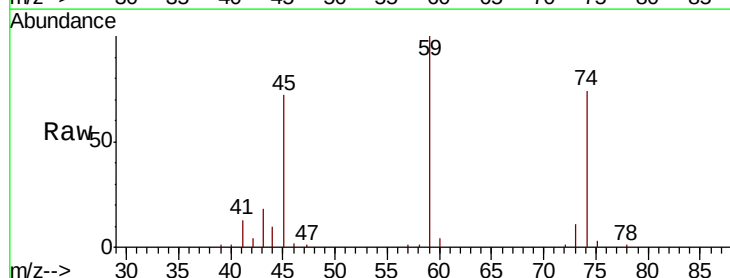
Tgt Ion: 101 Resp: 45680
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.5 77.3

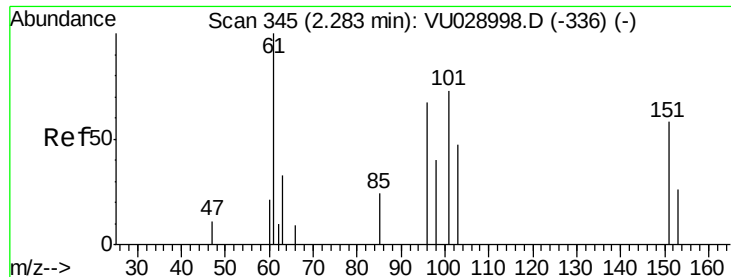


#8

Diethyl Ether
 Concen: 20.891 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 74 Resp: 22591
 Ion Ratio Lower Upper
 74 100
 45 97.4 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.651 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBSD01

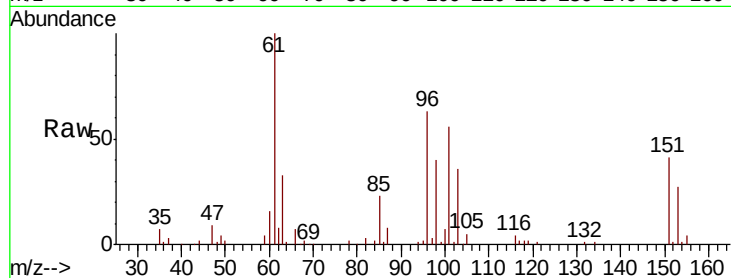
Tgt Ion:101 Resp: 29595

Ion Ratio Lower Upper

101 100

85 41.2 35.1 52.7

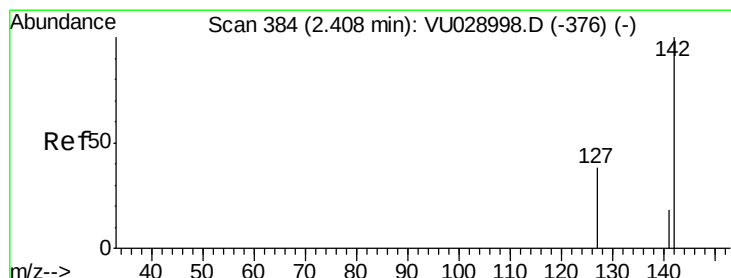
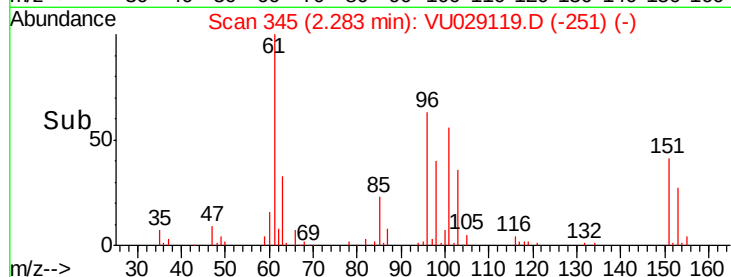
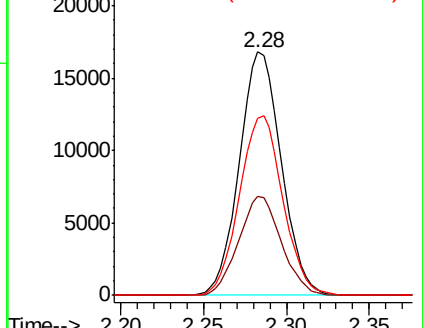
151 76.1 60.2 90.2



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: 21.894 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

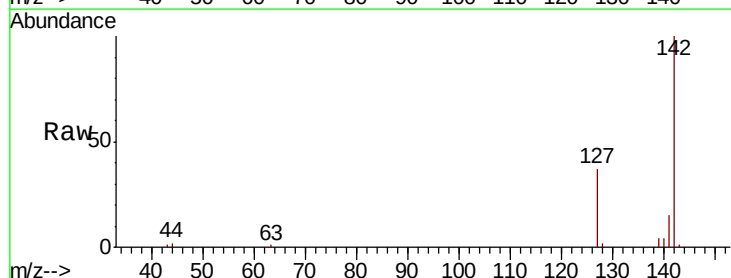
Tgt Ion:142 Resp: 31003

Ion Ratio Lower Upper

142 100

127 37.7 29.8 44.6

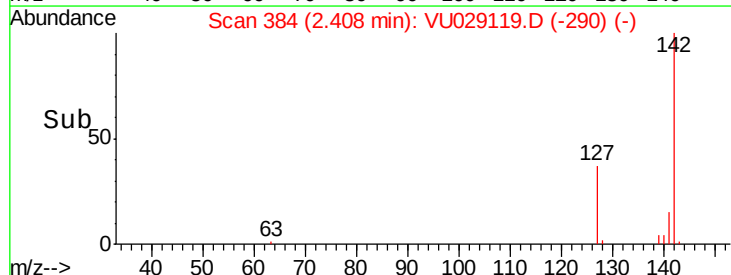
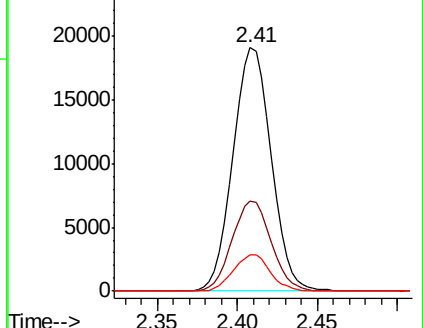
141 14.3 11.5 17.3

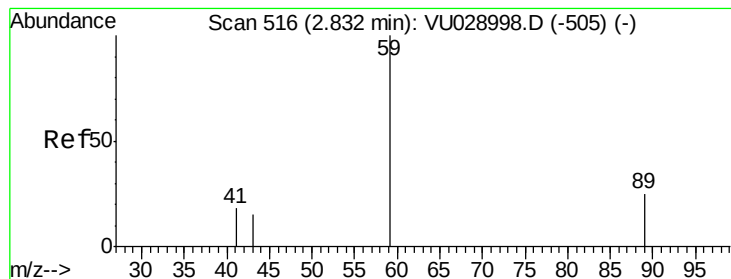


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



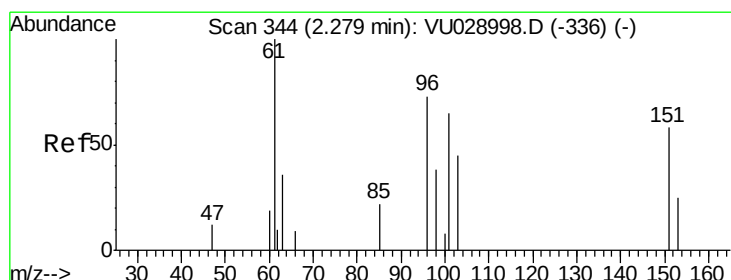
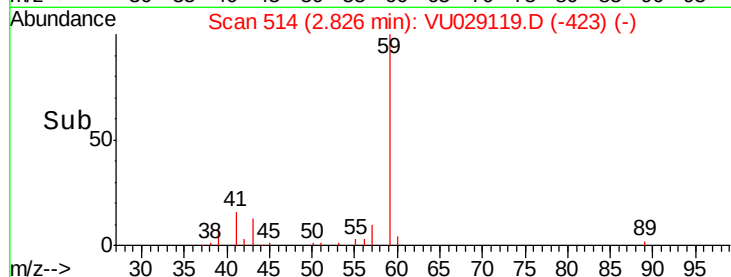
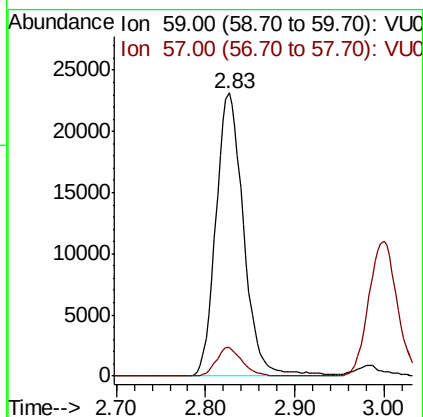
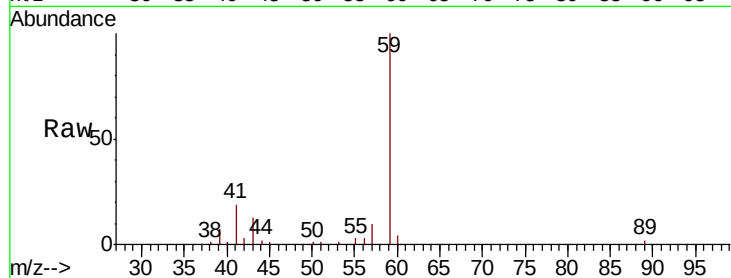


#11

Tert butyl alcohol
 Concen: 111.932 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

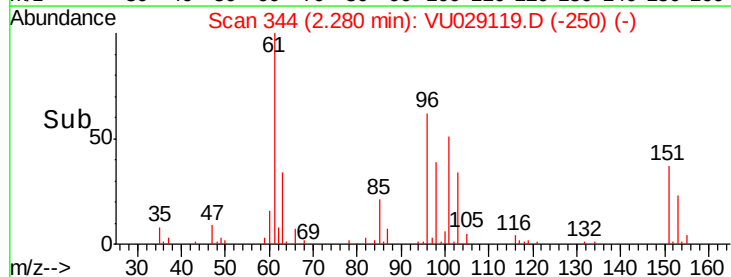
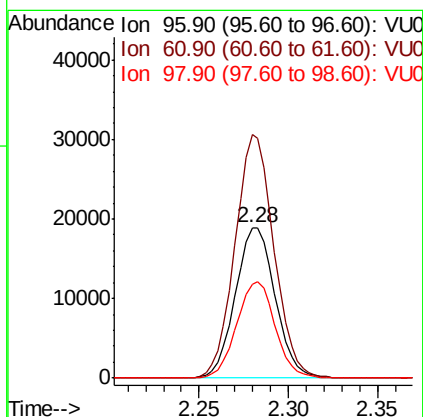
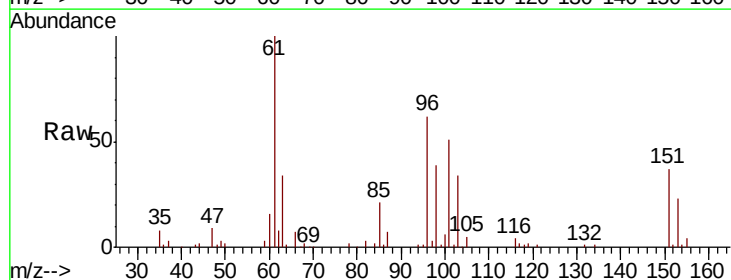
Tgt Ion: 59 Resp: 49712
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.9 11.9

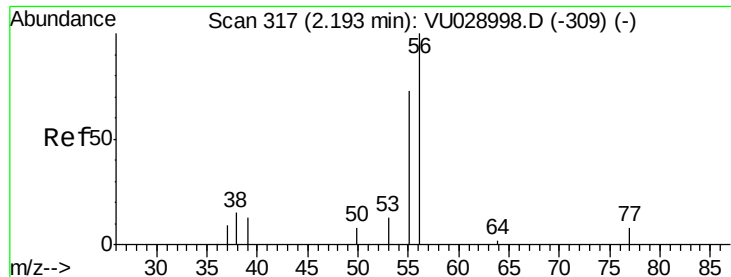


#12

1,1-Dichloroethene
 Concen: 20.127 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 96 Resp: 29505
 Ion Ratio Lower Upper
 96 100
 61 161.7 125.4 188.0
 98 62.6 49.7 74.5





#13

Acrolein

Concen: 88.182 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

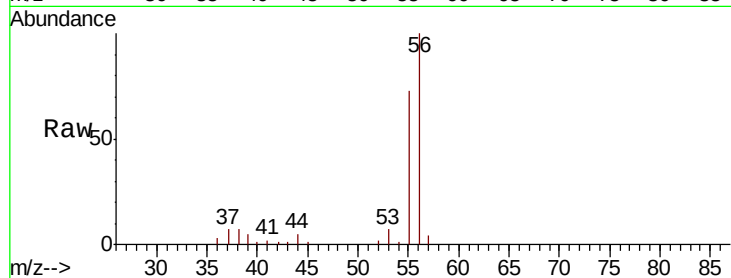
VU0110MBSD01

Tgt Ion: 56 Resp: 29408

Ion Ratio Lower Upper

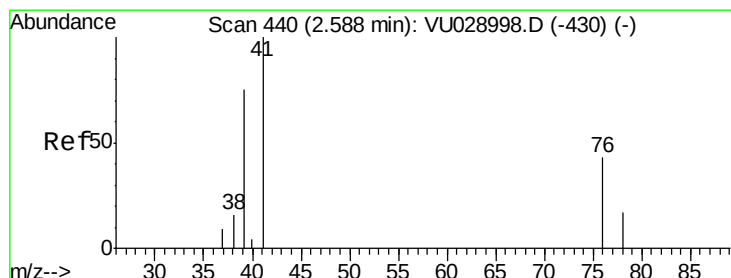
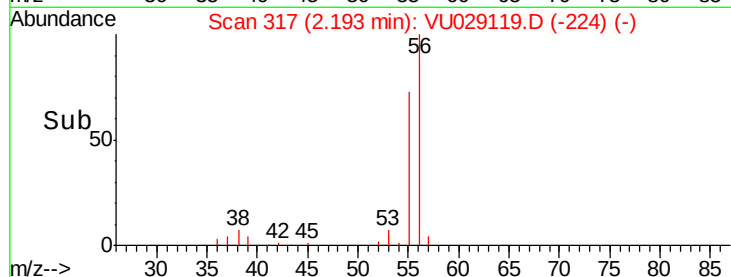
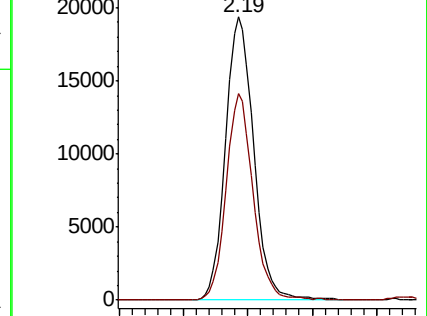
56 100

55 69.4 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: 17.962 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

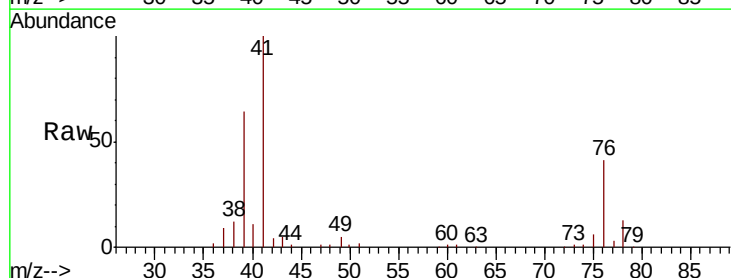
Tgt Ion: 41 Resp: 48313

Ion Ratio Lower Upper

41 100

39 63.4 45.0 67.6

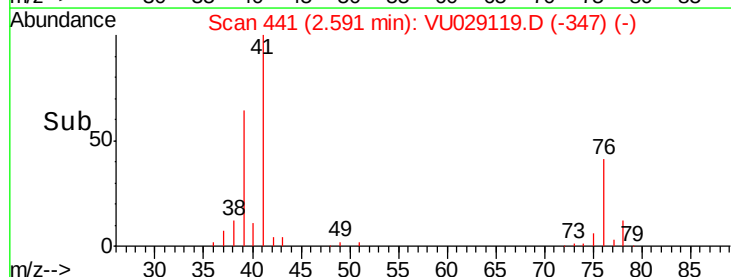
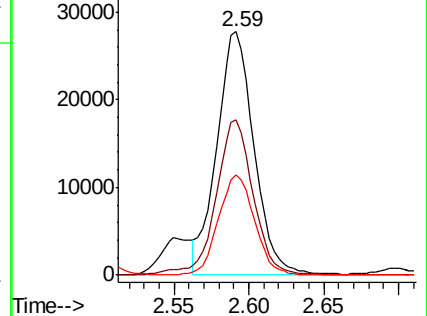
76 39.6 28.1 42.1

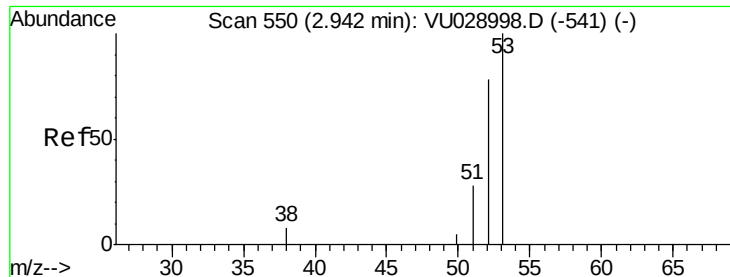


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 107.083 ug/l

RT: 2.93 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBSD01

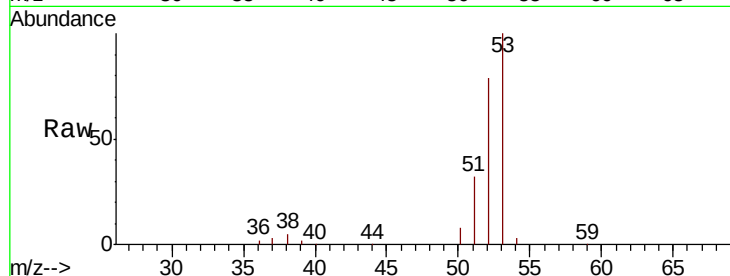
Tgt Ion: 53 Resp: 116677

Ion Ratio Lower Upper

53 100

52 80.4 64.8 97.2

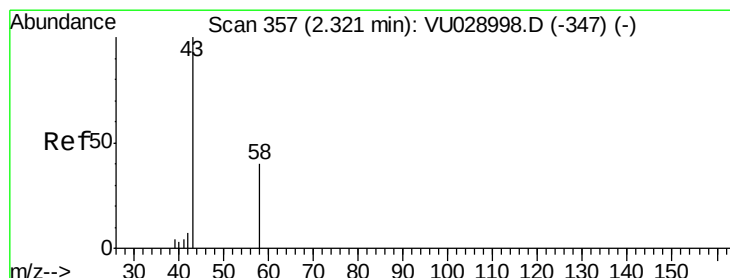
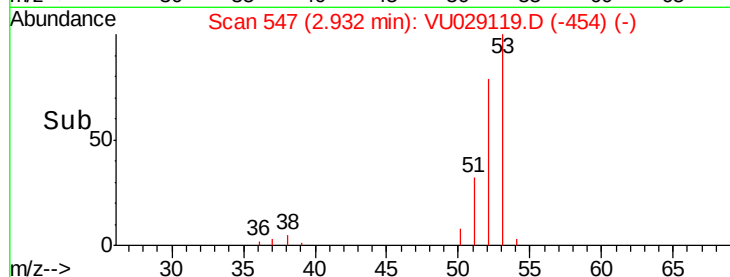
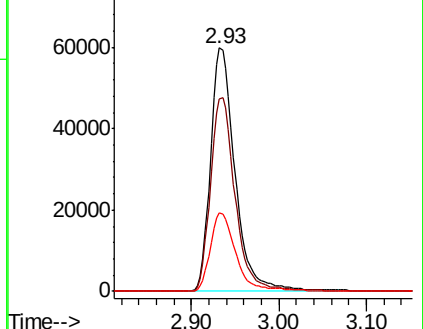
51 33.8 27.3 40.9



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 84.124 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029119.D

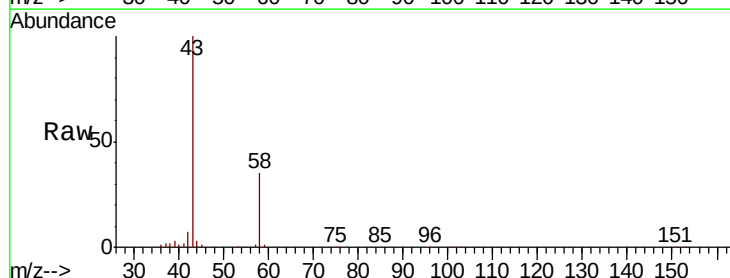
Acq: 10 Jan 2019 15:28

Tgt Ion: 43 Resp: 92595

Ion Ratio Lower Upper

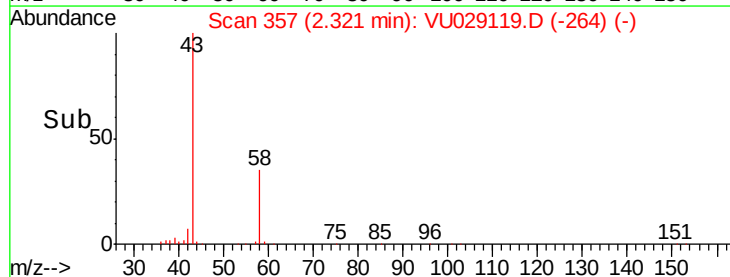
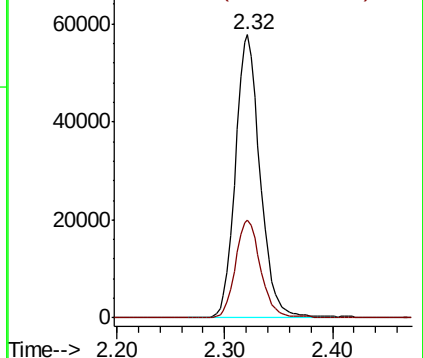
43 100

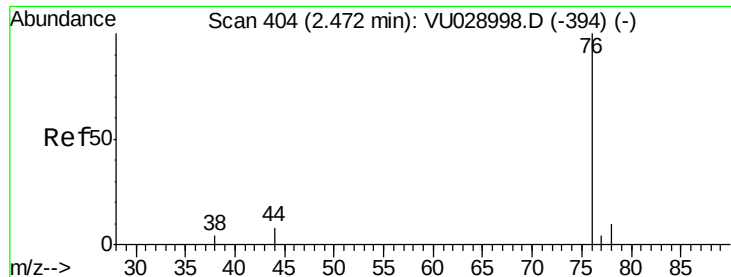
58 34.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 17.853 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

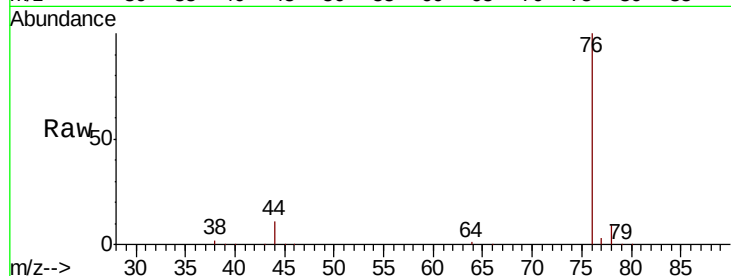
VU0110MBSD01

Tgt Ion: 76 Resp: 88404

Ion Ratio Lower Upper

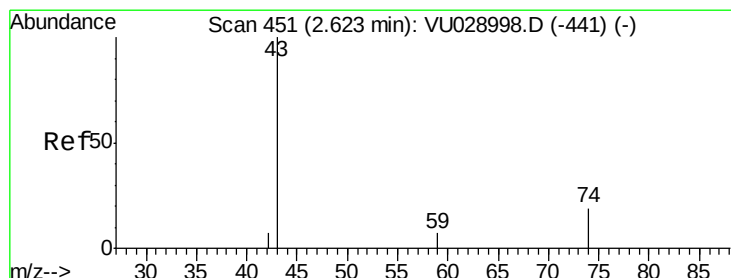
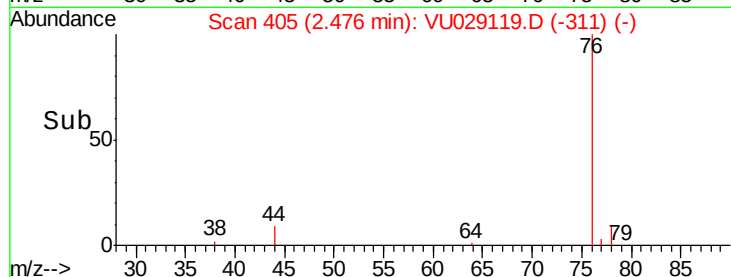
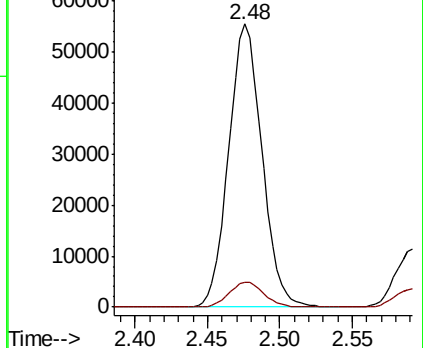
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 22.056 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU029119.D

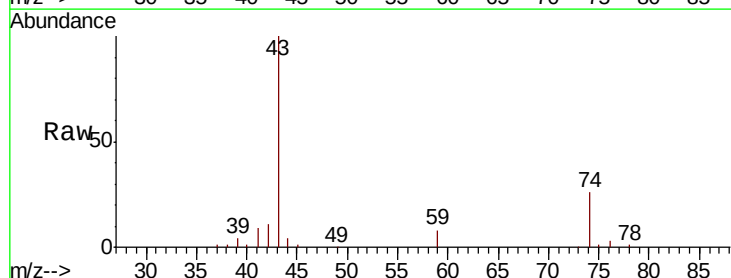
Acq: 10 Jan 2019 15:28

Tgt Ion: 43 Resp: 56449

Ion Ratio Lower Upper

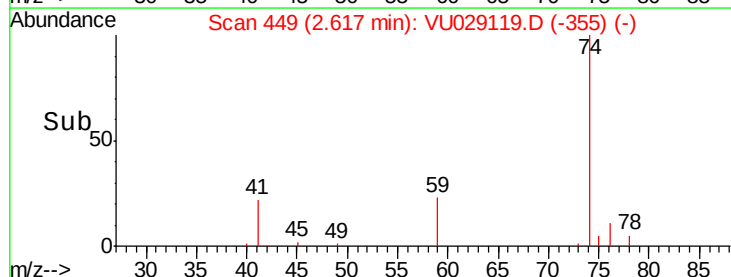
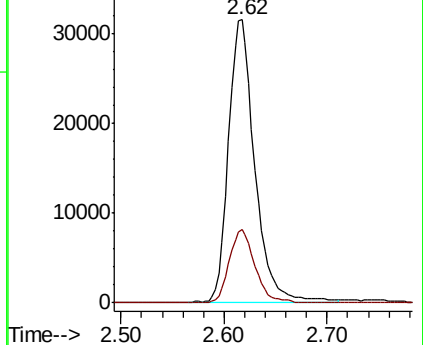
43 100

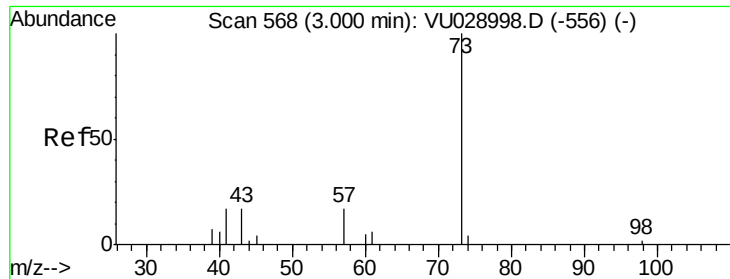
74 25.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

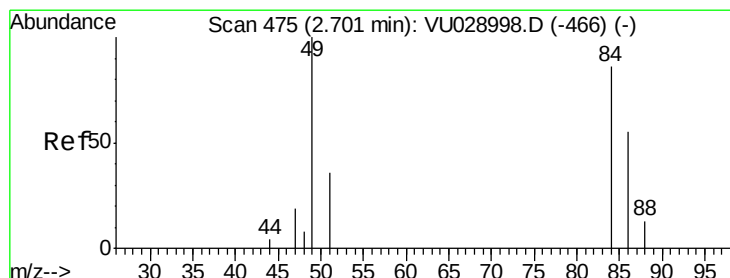
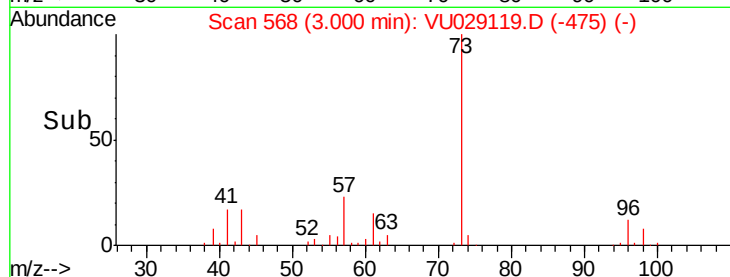
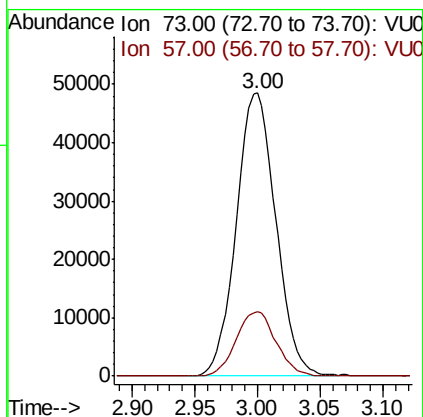
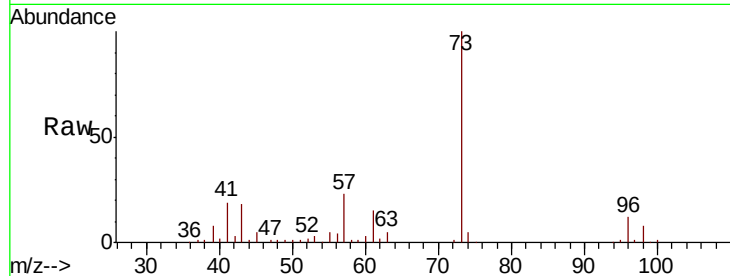




#19
Methyl tert-butyl Ether
Concen: 20.599 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

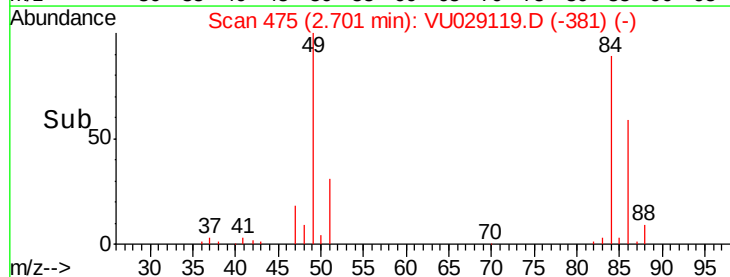
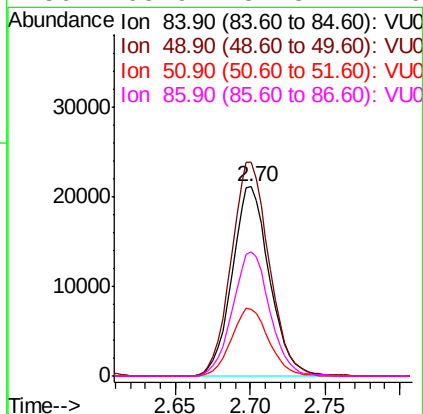
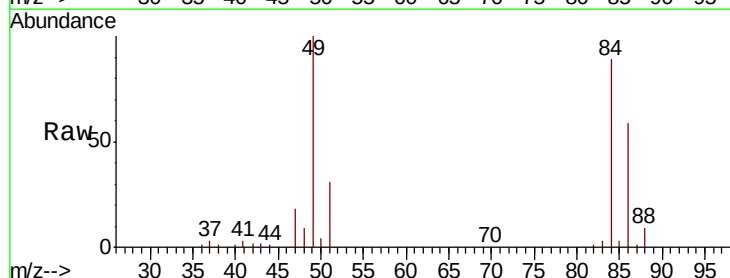
Instrument :
MSVOA_U
ClientSampleId :
VU0110MBS01

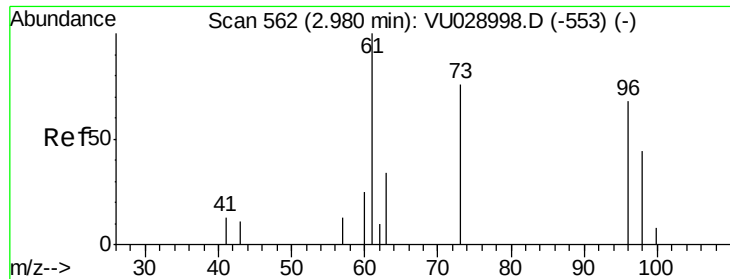
Tgt Ion: 73 Resp: 106160
Ion Ratio Lower Upper
73 100
57 22.7 18.6 28.0



#20
Methylene Chloride
Concen: 19.625 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 84 Resp: 36675
Ion Ratio Lower Upper
84 100
49 112.7 91.9 137.9
51 35.5 29.2 43.8
86 65.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.900 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBSD01

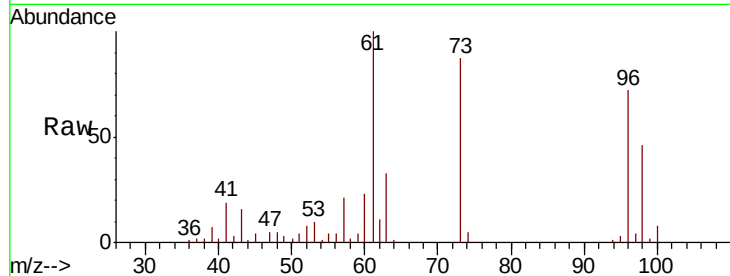
Tgt Ion: 96 Resp: 32189

Ion Ratio Lower Upper

96 100

61 139.3 107.7 161.5

98 64.0 49.2 73.8

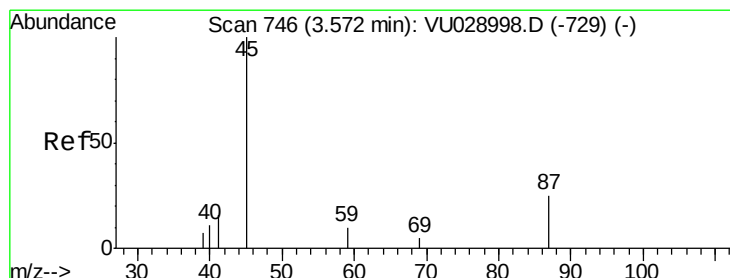
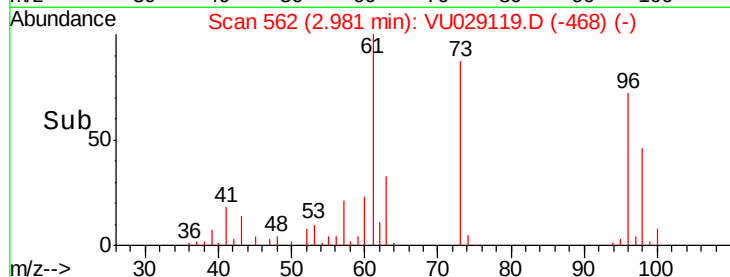
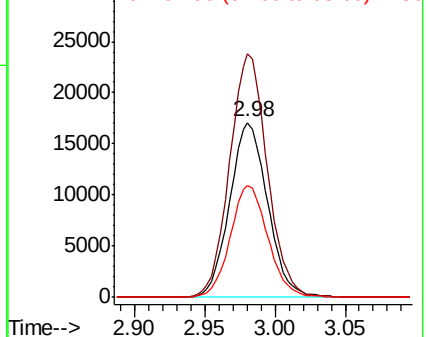


Abundance

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: 20.382 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Tgt Ion: 45 Resp: 108346

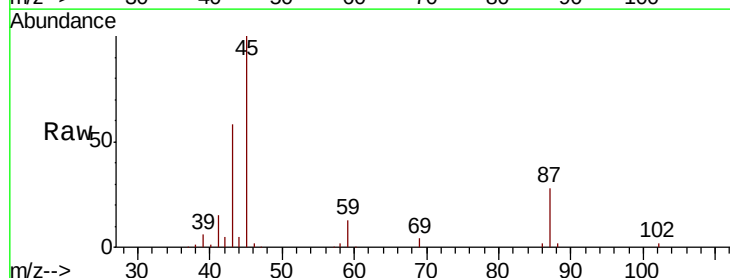
Ion Ratio Lower Upper

45 100

43 56.4 44.7 67.1

87 27.8 22.2 33.2

59 12.6 9.8 14.8



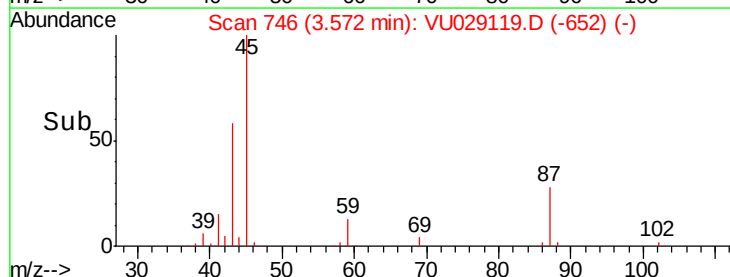
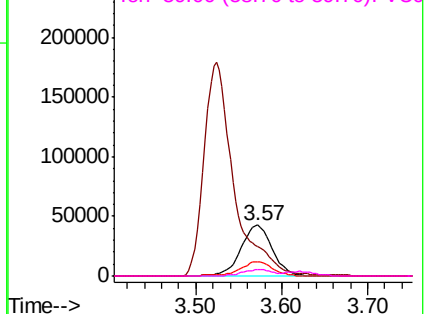
Abundance

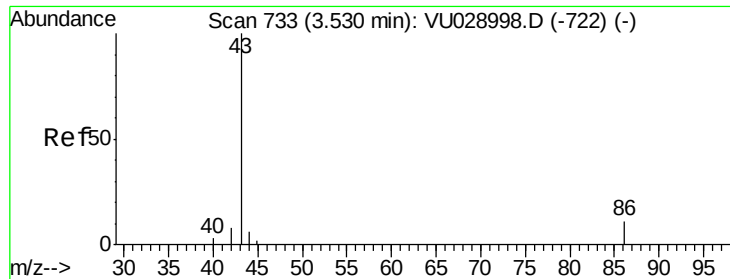
Ion 45.00 (44.70 to 45.70): VU0

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: 100.591 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

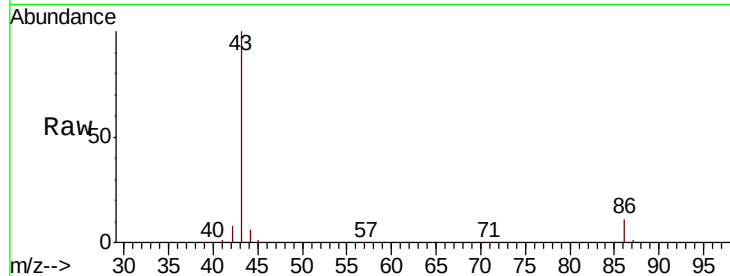
VU0110MBSD01

Tgt Ion: 43 Resp: 437139

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

200000

150000

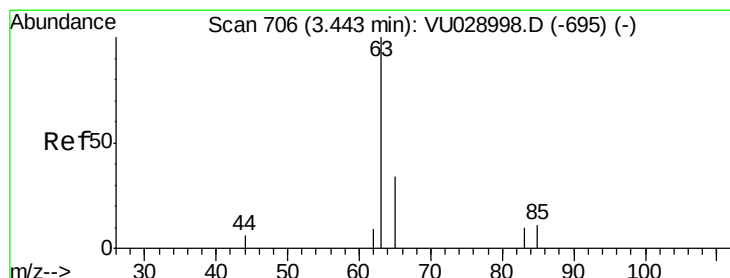
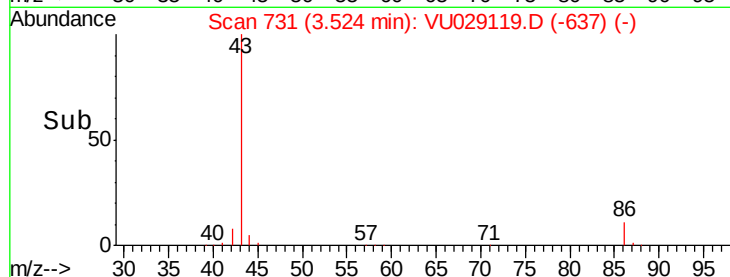
100000

50000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 20.646 ug/l

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

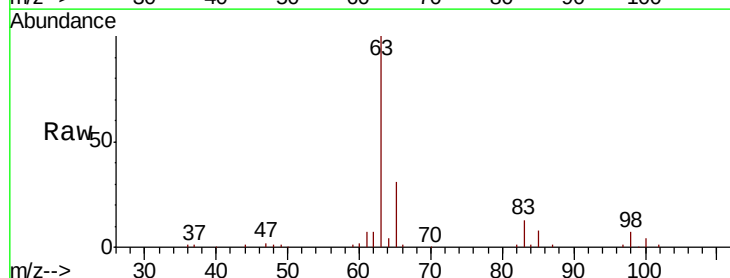
Tgt Ion: 63 Resp: 63356

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 4.2 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

40000

30000

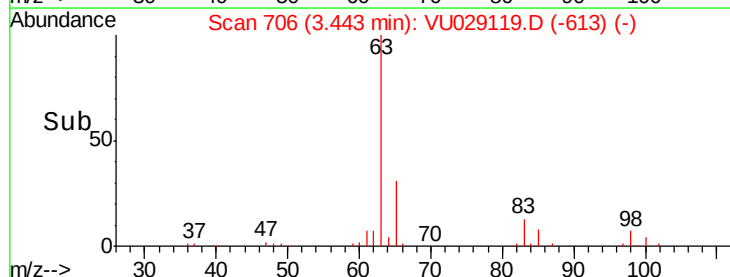
20000

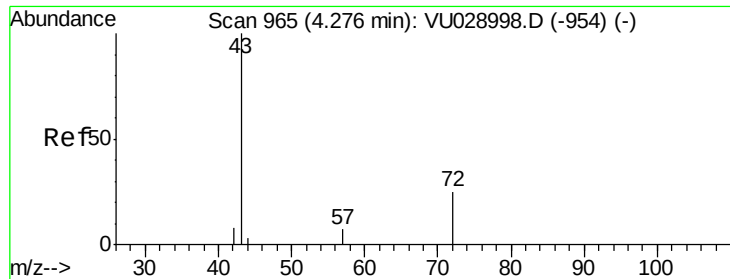
10000

0

3.35 3.40 3.45 3.50 3.55

Time-->





#25

2-Butanone

Concen: 101.137 ug/l

RT: 4.26 min Scan# 960

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

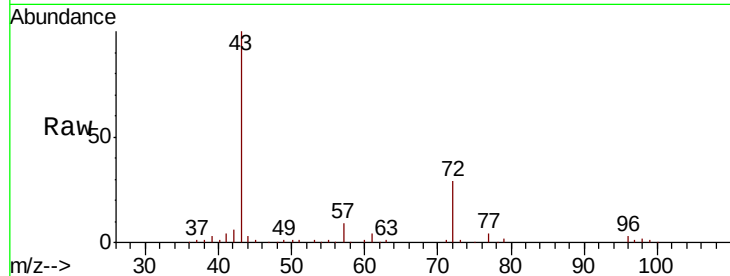
VU0110MBSD01

Tgt Ion: 43 Resp: 150356

Ion Ratio Lower Upper

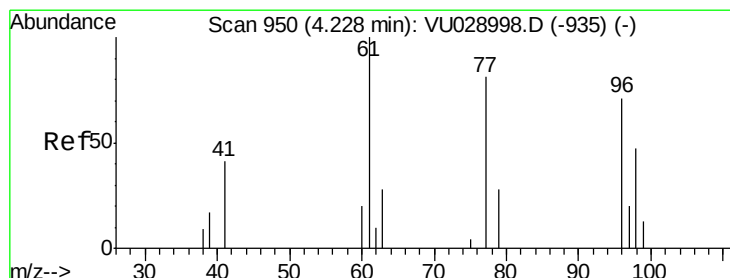
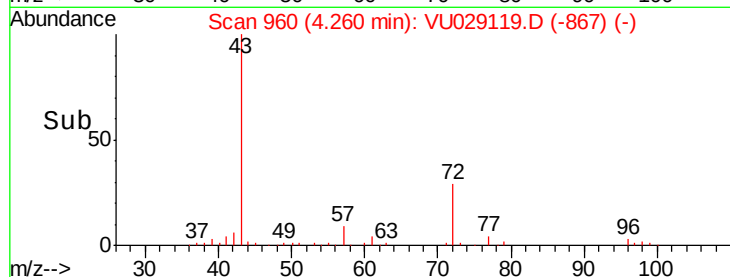
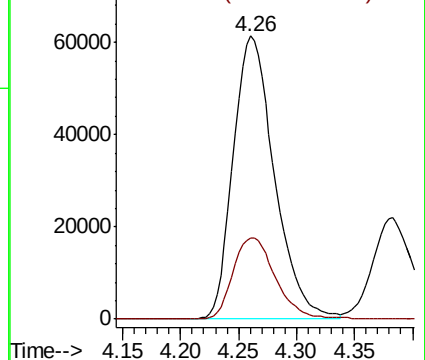
43 100

72 28.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 18.537 ug/l

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU029119.D

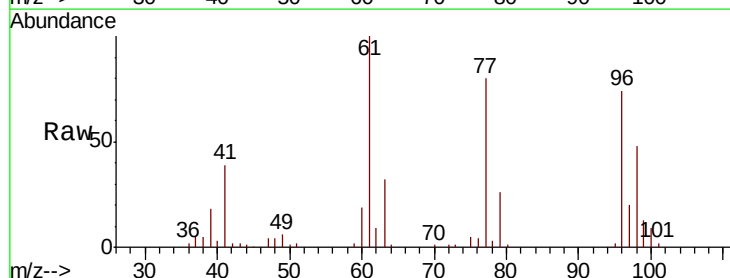
Acq: 10 Jan 2019 15:28

Tgt Ion: 77 Resp: 45965

Ion Ratio Lower Upper

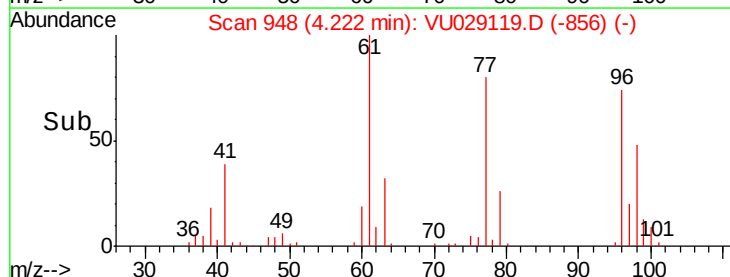
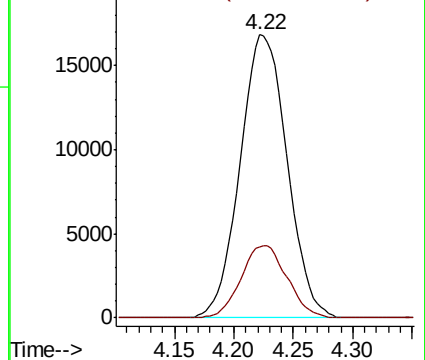
77 100

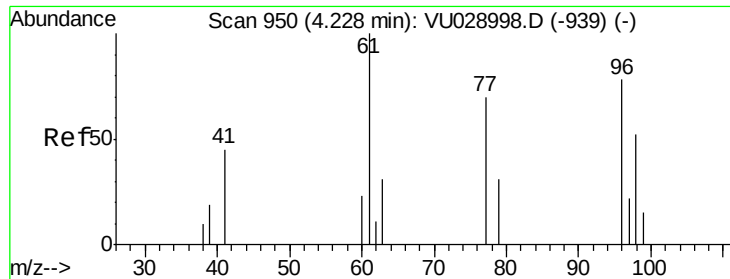
97 25.1 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



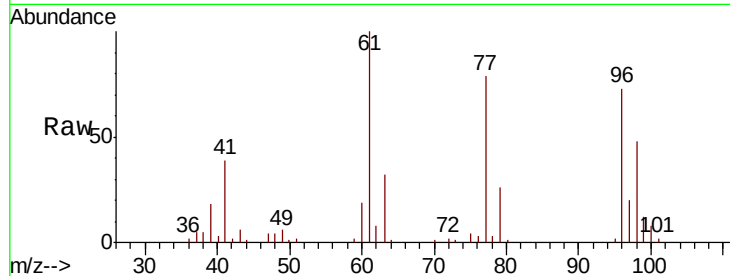


#27

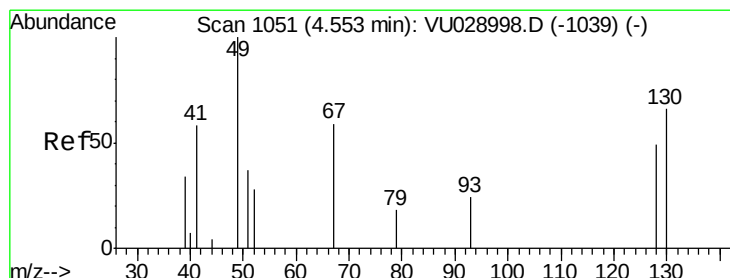
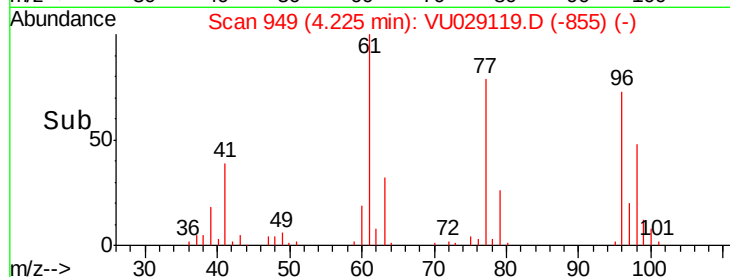
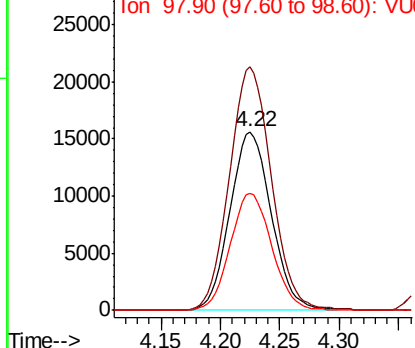
cis-1,2-Dichloroethene
Concen: 20.245 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

Tgt Ion: 96 Resp: 37712
Ion Ratio Lower Upper
96 100
61 138.6 0.0 285.6
98 65.4 0.0 130.2



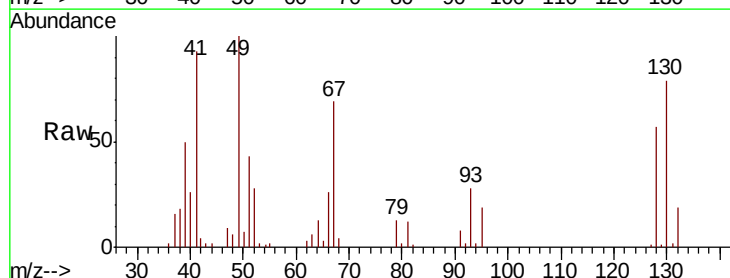
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



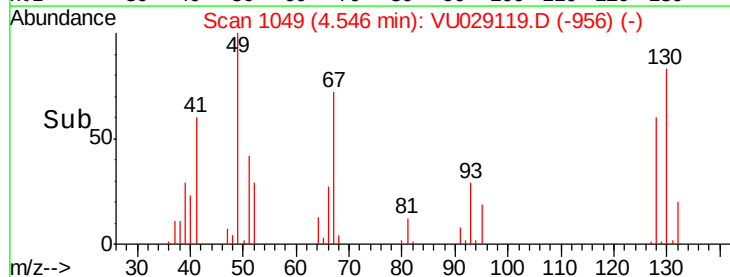
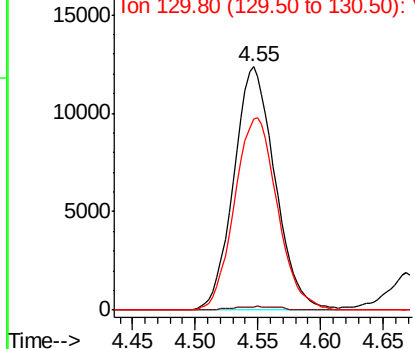
#28

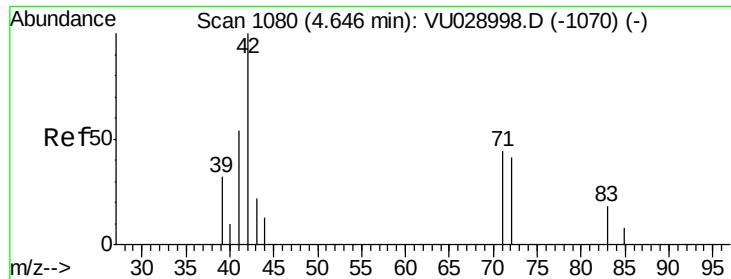
Bromochloromethane
Concen: 21.546 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 49 Resp: 28311
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.4
130 82.1 62.9 94.3



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

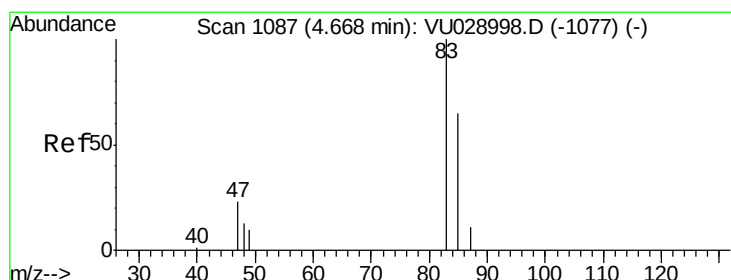
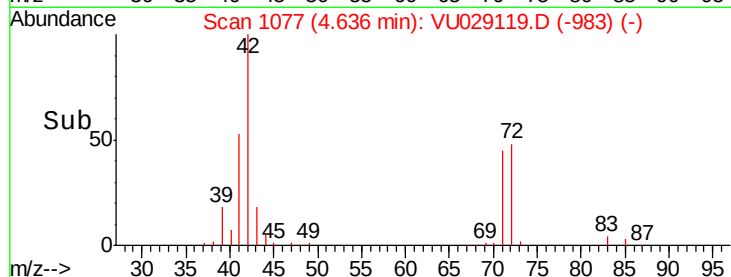
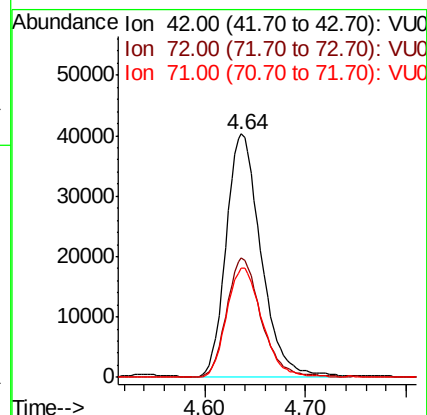
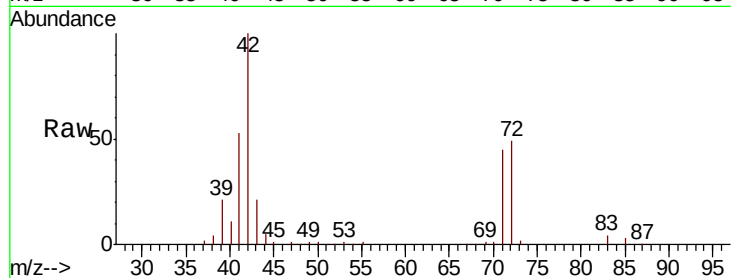




#29
Tetrahydrofuran
Concen: 108.078 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

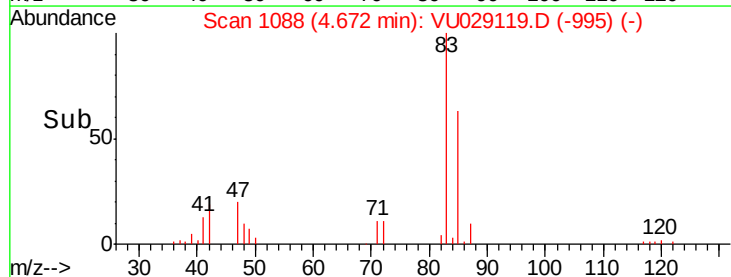
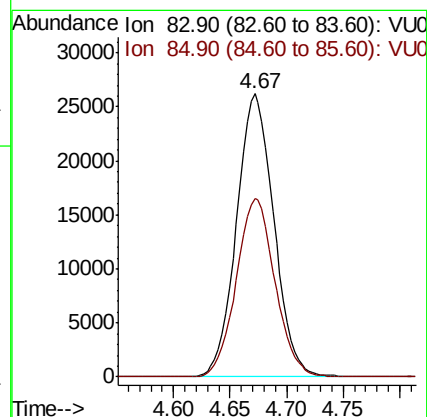
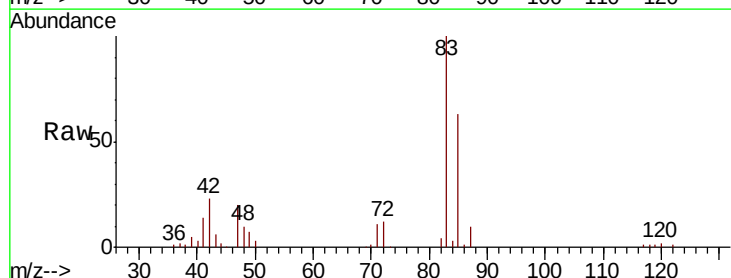
Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

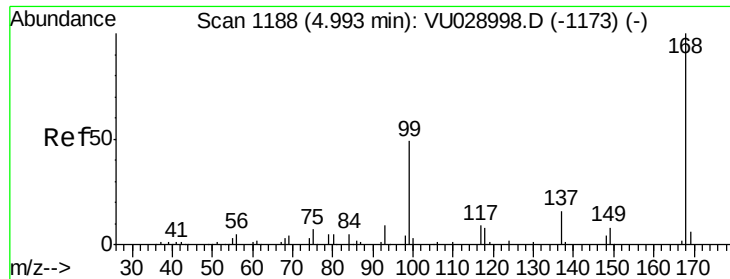
Tgt Ion: 42 Resp: 97452
Ion Ratio Lower Upper
42 100
72 48.6 38.3 57.5
71 45.8 36.1 54.1



#30
Chloroform
Concen: 20.601 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 83 Resp: 60214
Ion Ratio Lower Upper
83 100
85 62.8 53.4 80.0

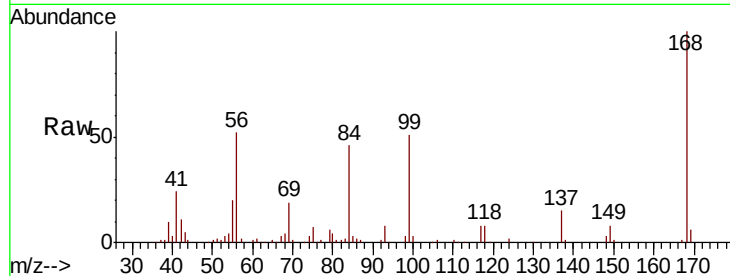




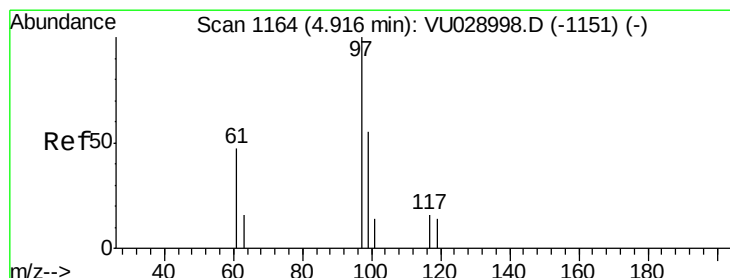
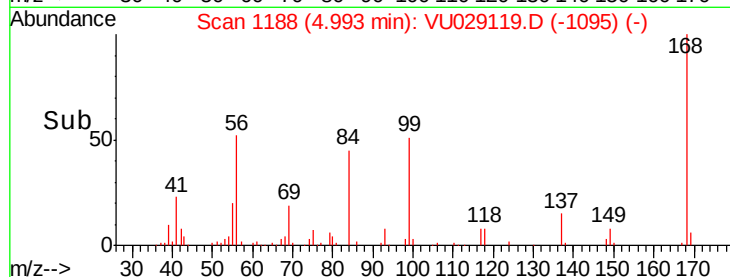
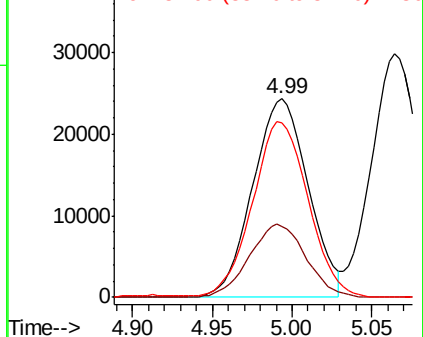
#31
Cyclohexane
Concen: 19.409 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

Tgt Ion: 56 Resp: 58214
Ion Ratio Lower Upper
56 100
69 36.0 26.7 40.1
84 87.5 65.7 98.5

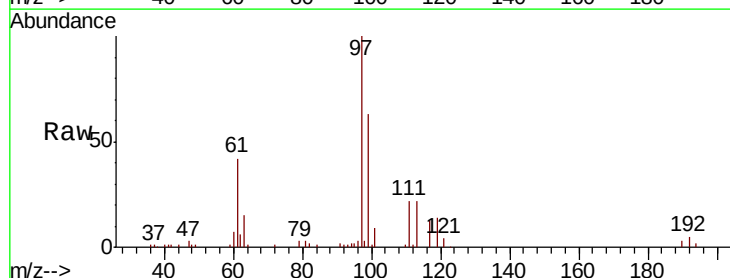


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

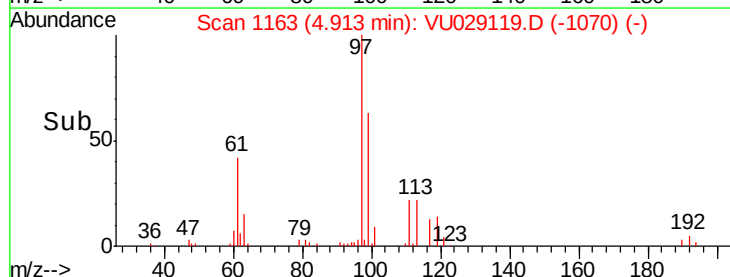
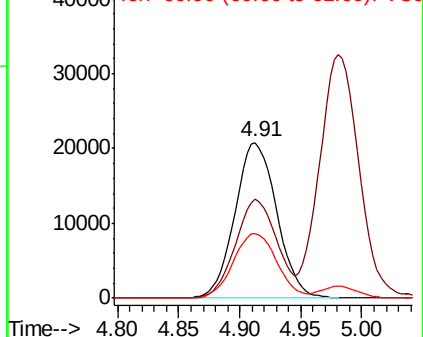


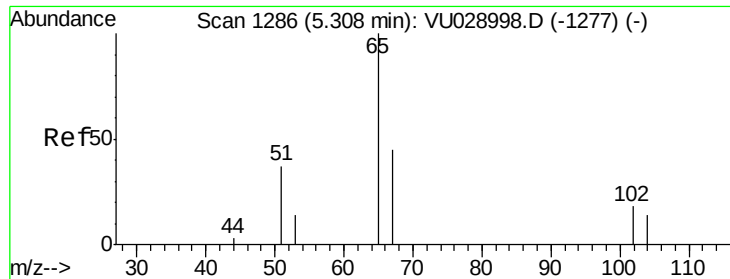
#32
1,1,1-Trichloroethane
Concen: 20.468 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 97 Resp: 49432
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.4
61 43.3 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

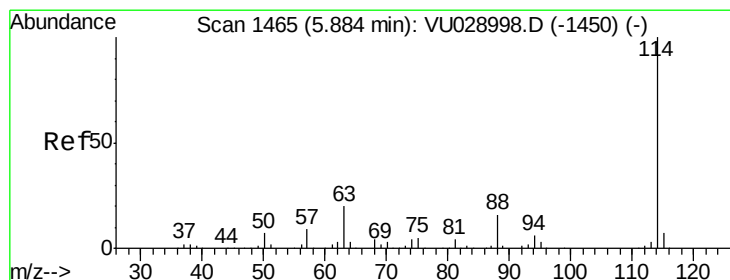
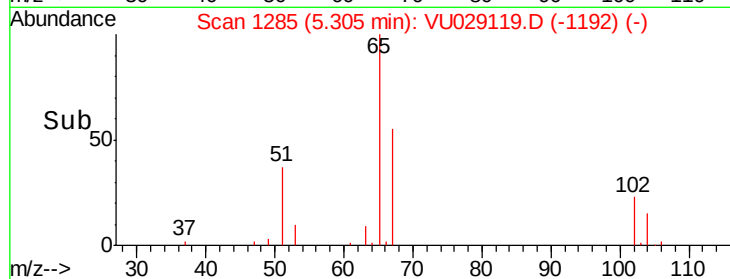
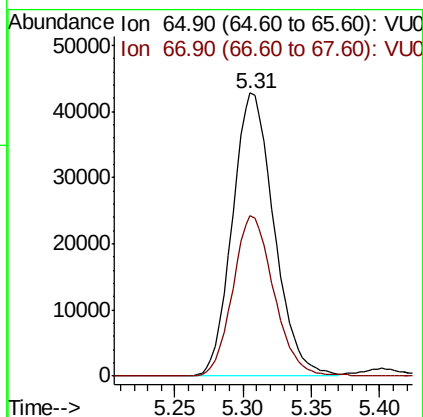
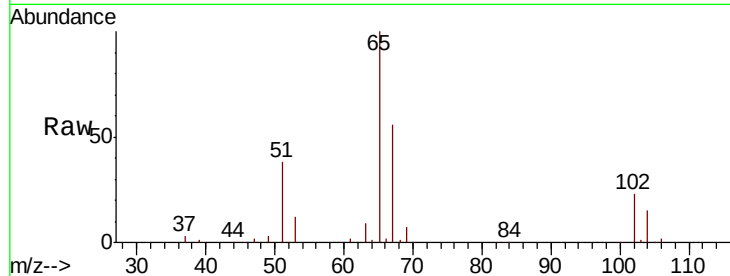




#33
 1,2-Dichloroethane-d4
 Concen: 51.938 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

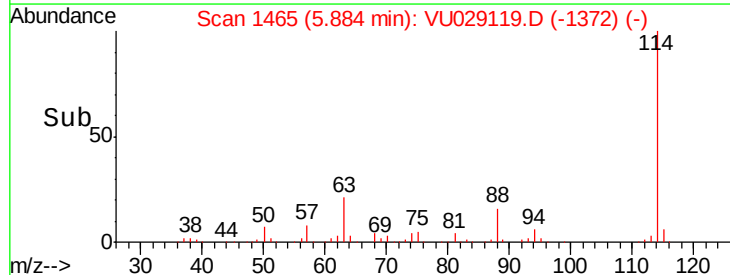
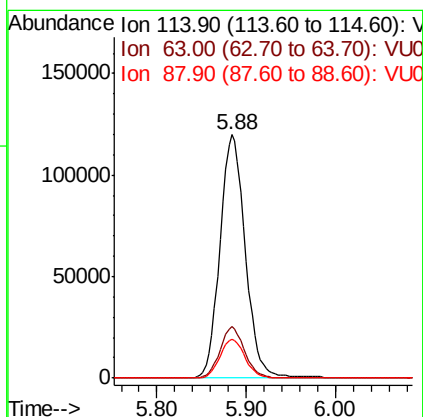
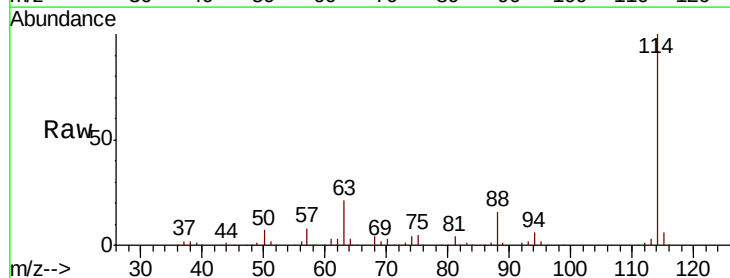
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

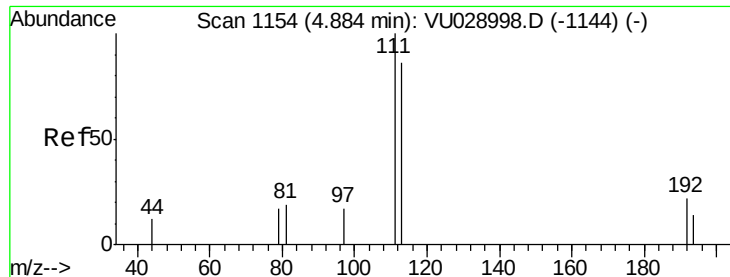
Tgt Ion: 65 Resp: 90749
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 114 Resp: 236298
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.2
 88 15.8 0.0 30.4

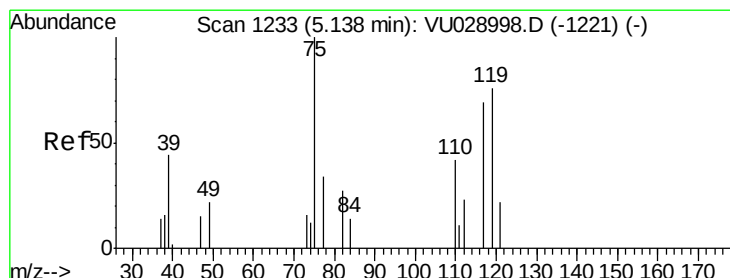
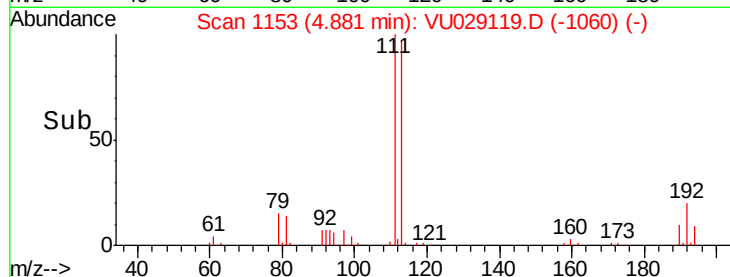
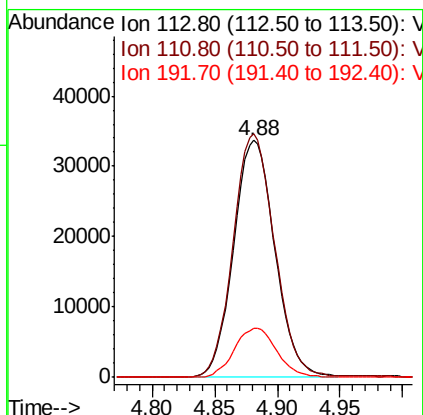
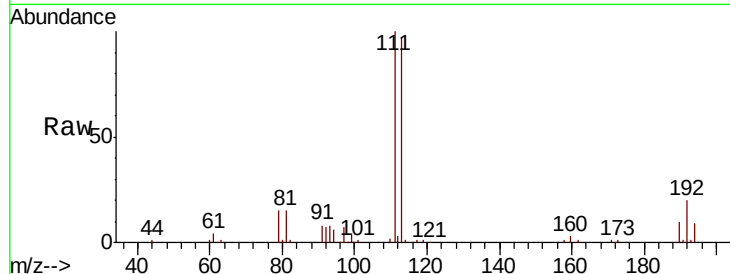




#35
 Dibromofluoromethane
 Concen: 50.389 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

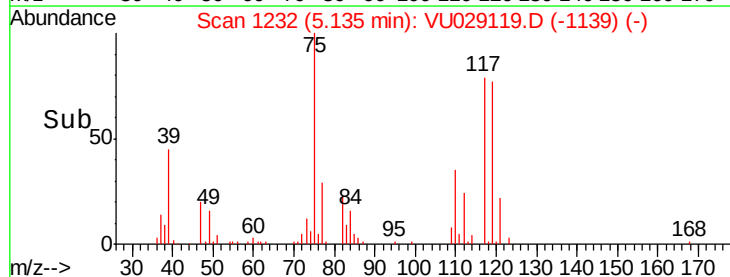
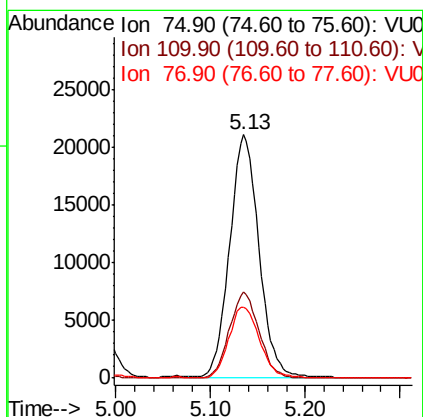
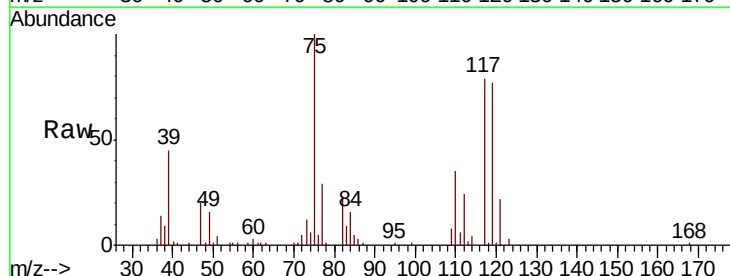
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

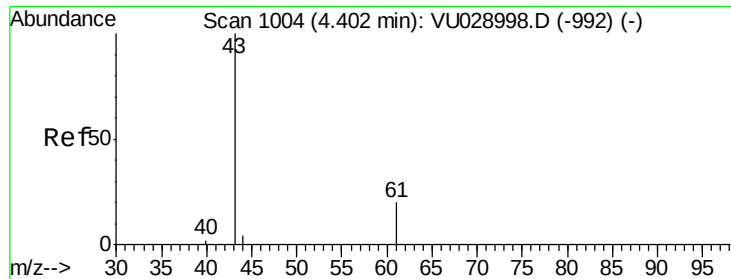
Tgt Ion:113 Resp: 77183
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.2
 192 21.3 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 19.402 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 75 Resp: 45825
 Ion Ratio Lower Upper
 75 100
 110 35.2 18.4 55.4
 77 30.2 25.1 37.7

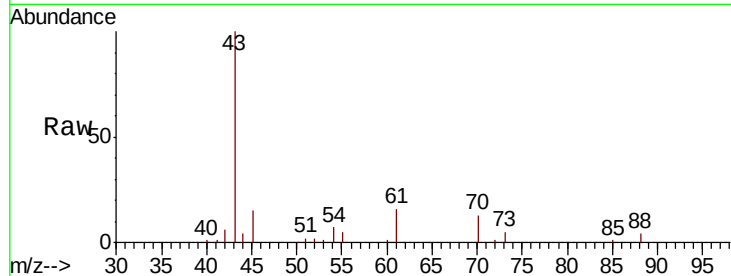




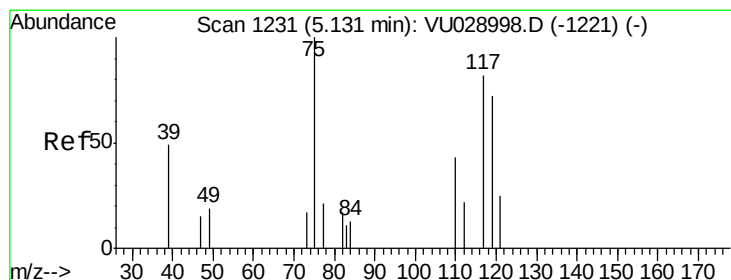
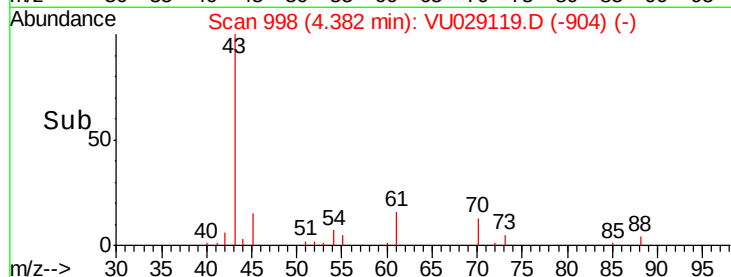
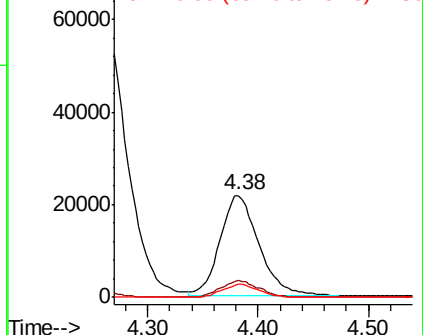
#37
 Ethyl Acetate
 Concen: 20.480 ug/l
 RT: 4.38 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

Tgt Ion: 43 Resp: 53097
 Ion Ratio Lower Upper
 43 100
 61 16.2 12.6 18.8
 70 12.1 9.3 13.9

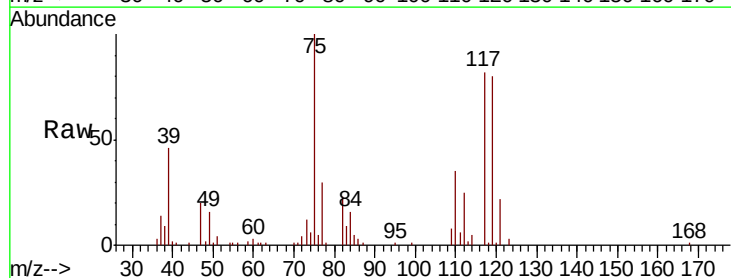


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

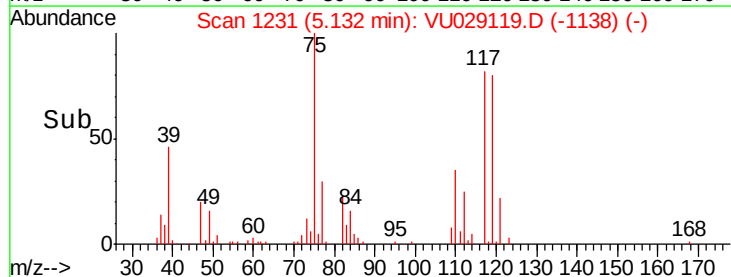
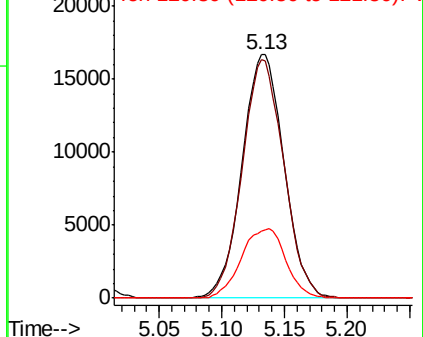


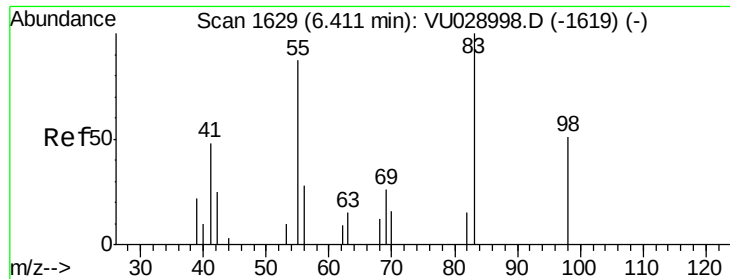
#38
 Carbon Tetrachloride
 Concen: 19.629 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 117 Resp: 38668
 Ion Ratio Lower Upper
 117 100
 119 98.2 74.6 111.8
 121 27.3 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

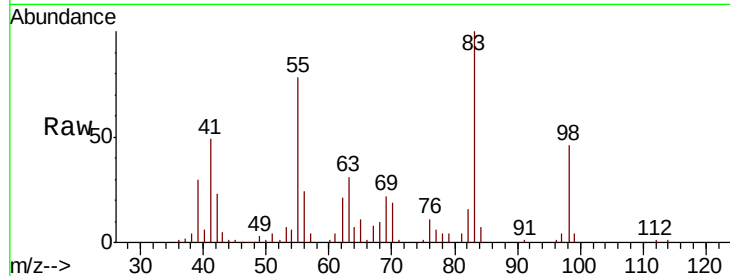




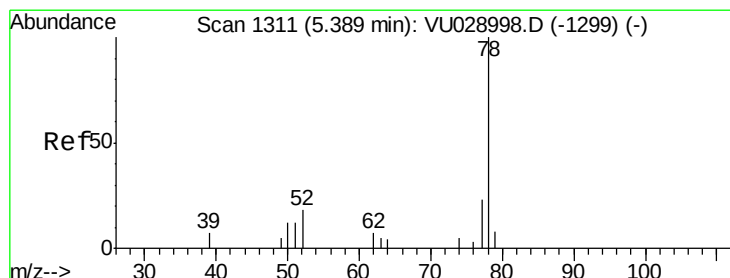
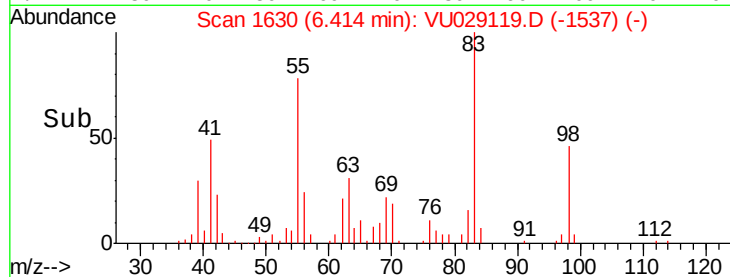
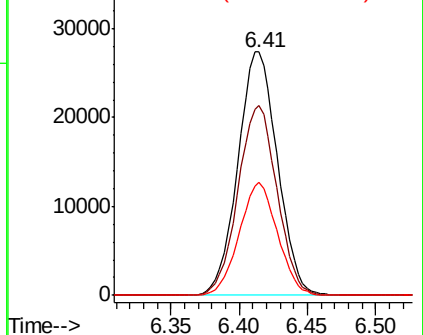
#39
Methylcyclohexane
Concen: 18.991 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
VU0110MBS01

Tgt Ion: 83 Resp: 55143
Ion Ratio Lower Upper
83 100
55 78.1 62.4 93.6
98 46.2 36.2 54.2

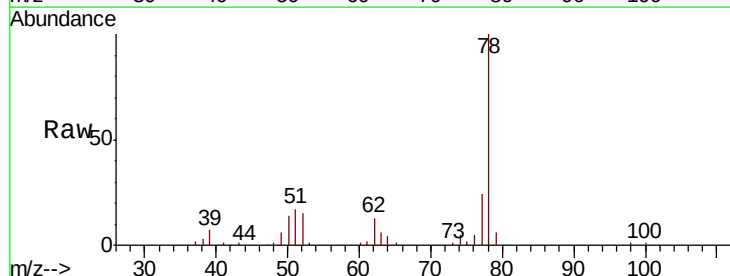


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

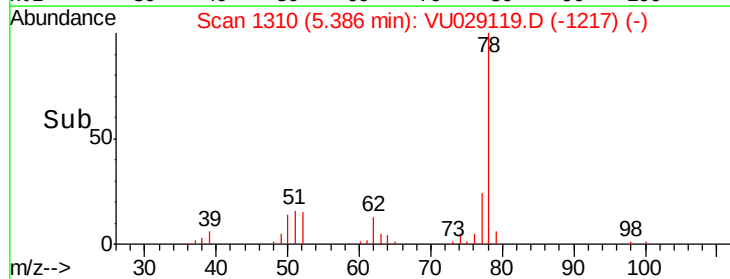
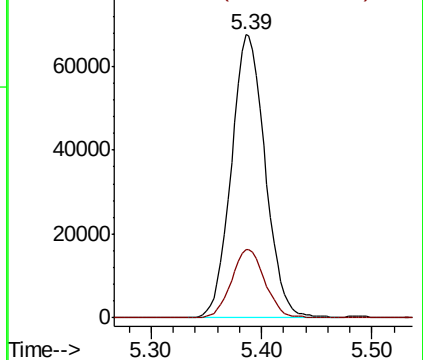


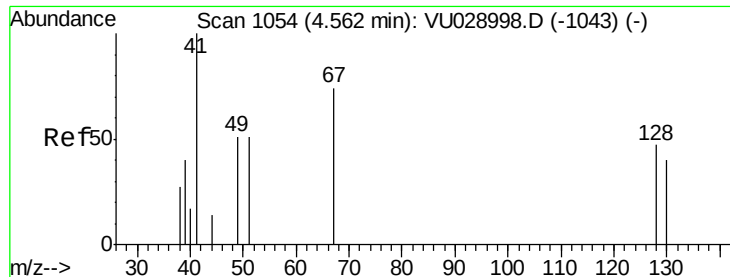
#40
Benzene
Concen: 19.521 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 78 Resp: 143820
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



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

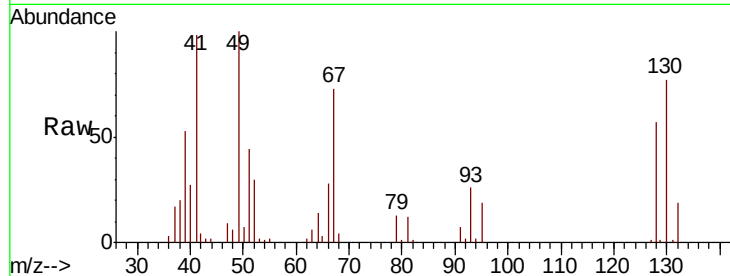




#41
Methacrylonitrile
Concen: 20.717 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

Tgt Ion:	41	Resp:	28750
Ion	Ratio	Lower	Upper
41	100		
39	51.2	42.3	63.5
67	78.7	64.4	96.6
52	30.3	23.9	35.9



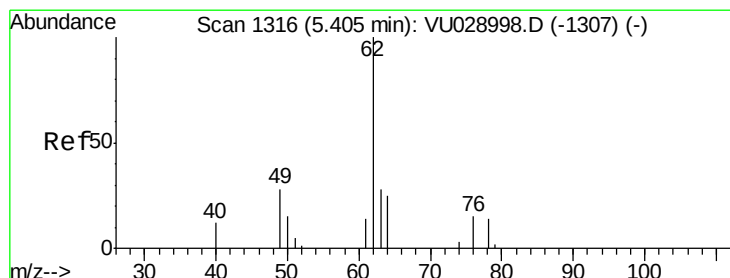
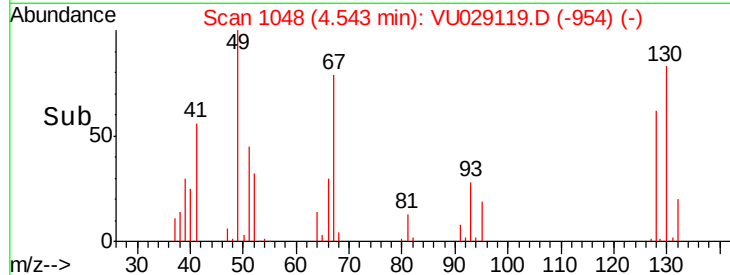
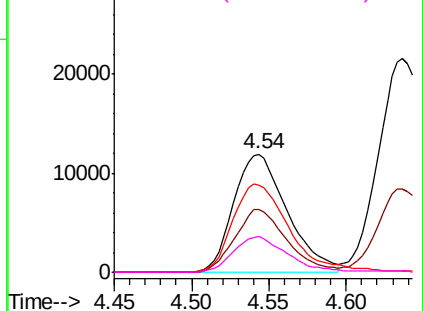
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

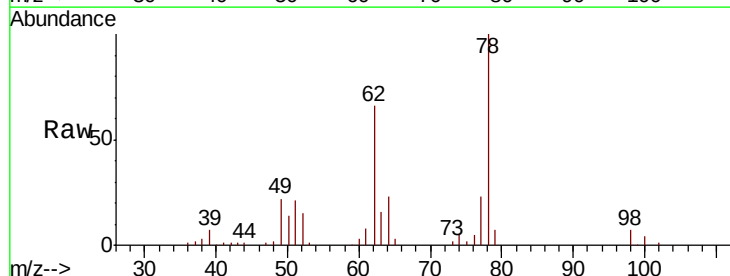
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 20.763 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

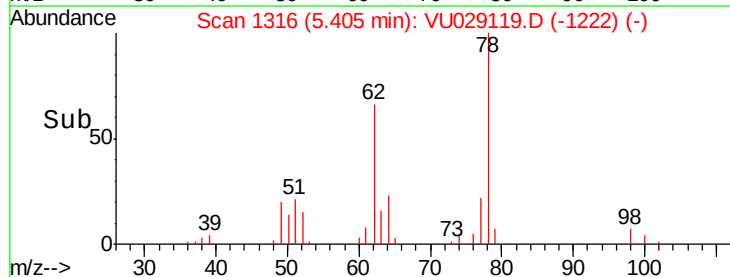
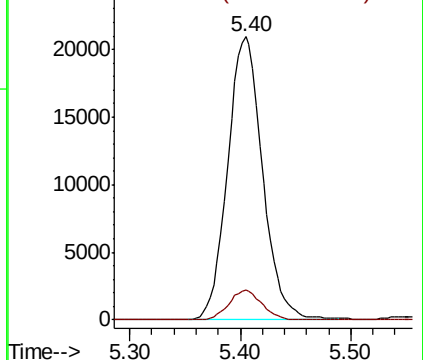
Tgt Ion:	62	Resp:	45967
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6

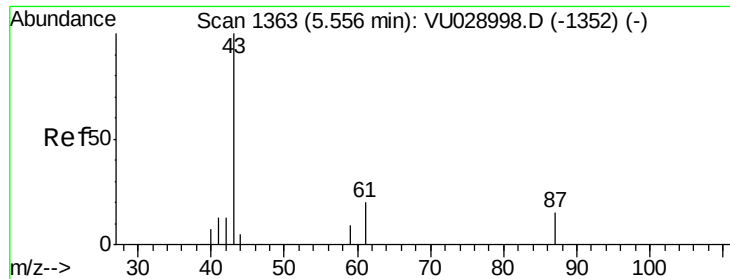


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 20.805 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBS01

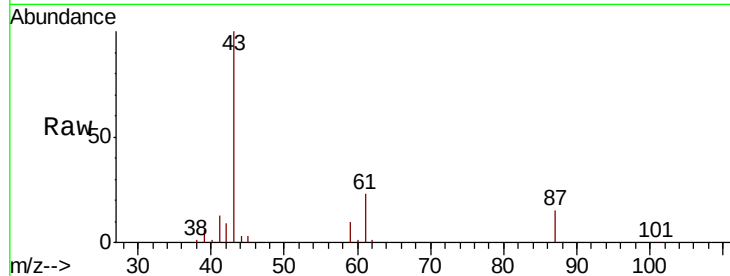
Tgt Ion: 43 Resp: 82742

Ion Ratio Lower Upper

43 100

61 22.9 17.8 26.6

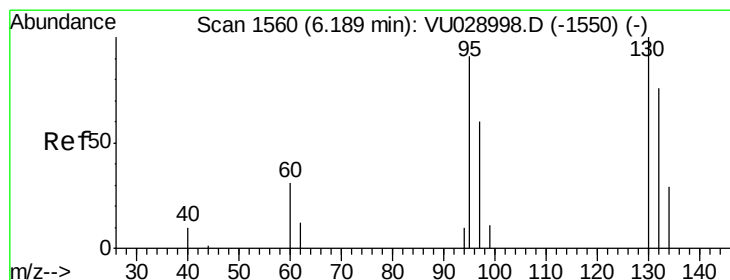
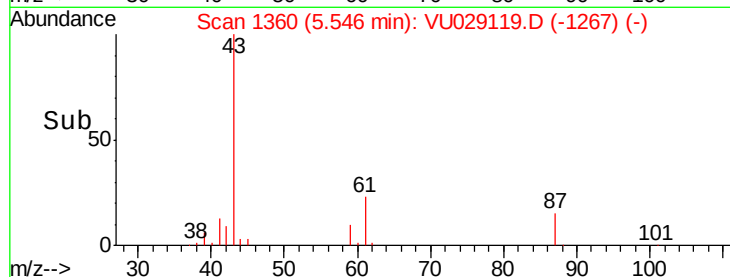
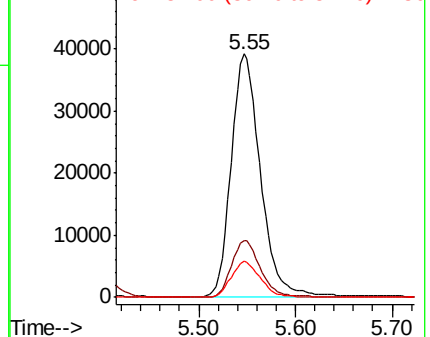
87 14.6 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-1352) (-)

Ion 61.00 (60.70 to 61.70): VU028998.D (-1352) (-)

Ion 87.00 (86.70 to 87.70): VU028998.D (-1352) (-)



#44

Trichloroethene

Concen: 18.717 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU029119.D

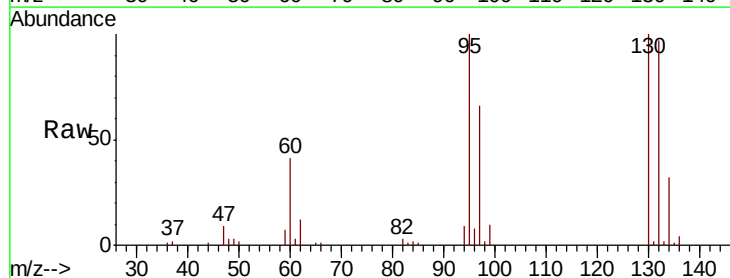
Acq: 10 Jan 2019 15:28

Tgt Ion: 130 Resp: 34167

Ion Ratio Lower Upper

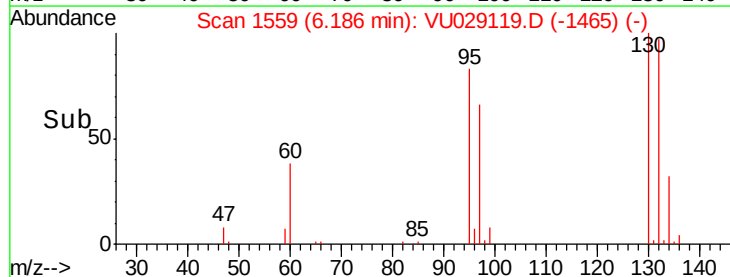
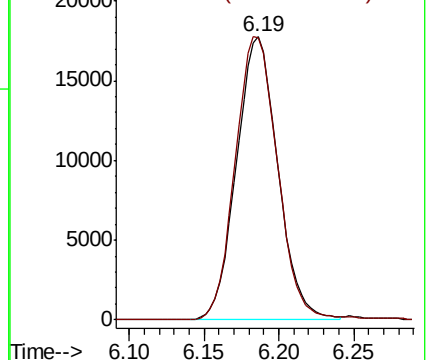
130 100

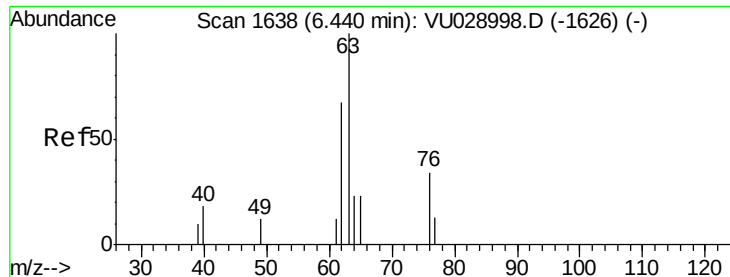
95 99.7 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU028998.D (-1550) (-)

Ion 94.90 (94.60 to 95.60): VU028998.D (-1550) (-)

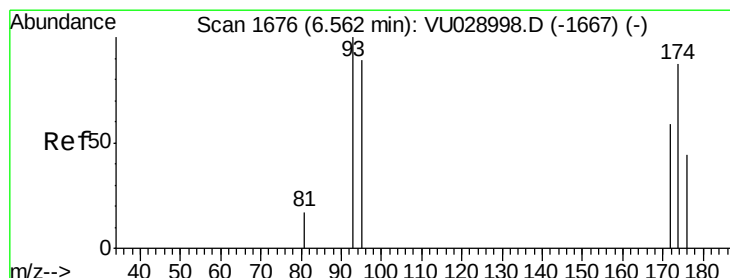
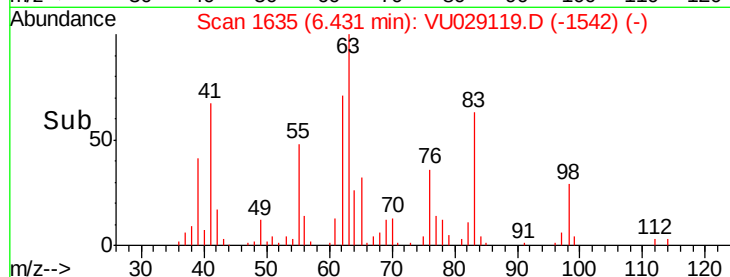
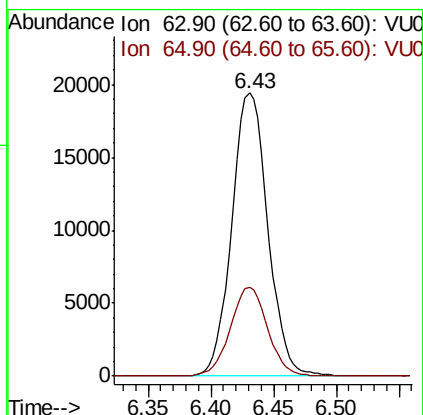
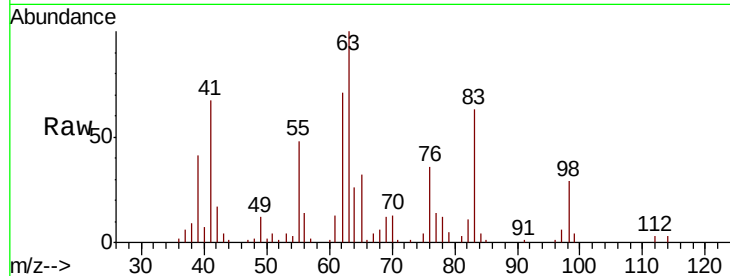




#45
 1,2-Dichloropropane
 Concen: 19.955 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

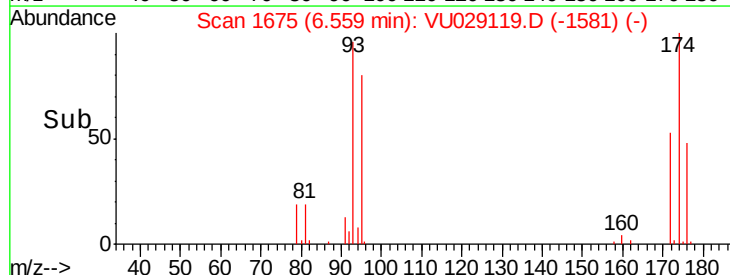
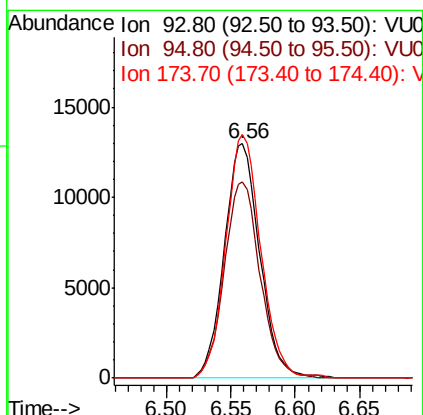
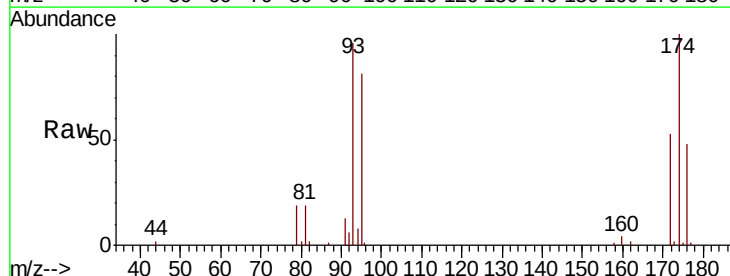
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

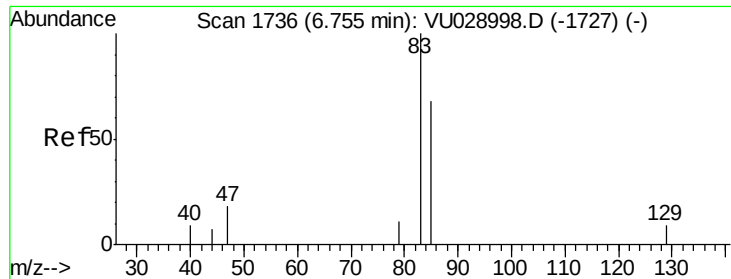
Tgt Ion: 63 Resp: 38825
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.1 37.7



#46
 Dibromomethane
 Concen: 19.937 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 93 Resp: 24796
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.2 100.8
 174 102.6 82.6 123.8

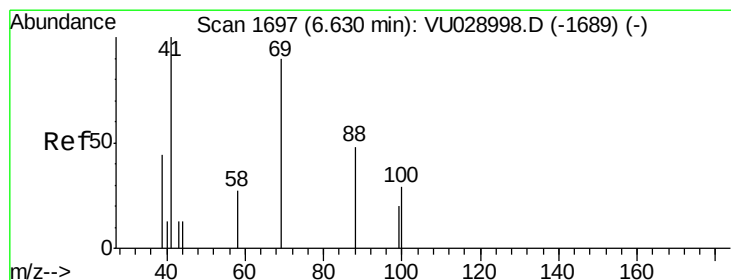
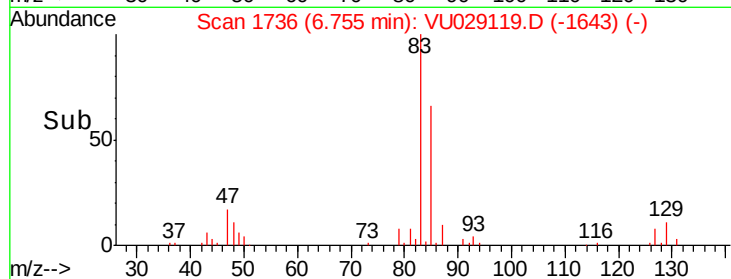
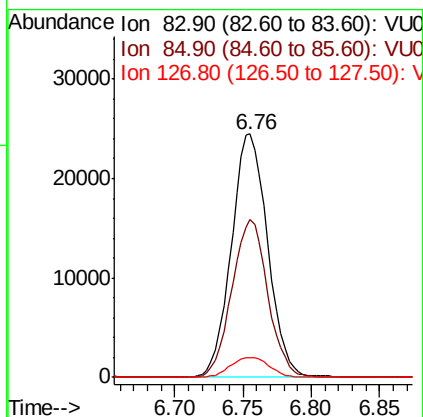
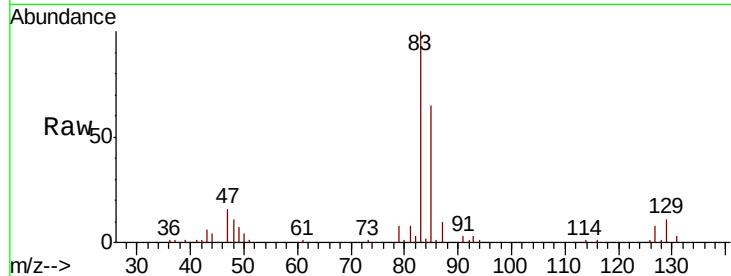




#47
Bromodichloromethane
Concen: 19.740 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

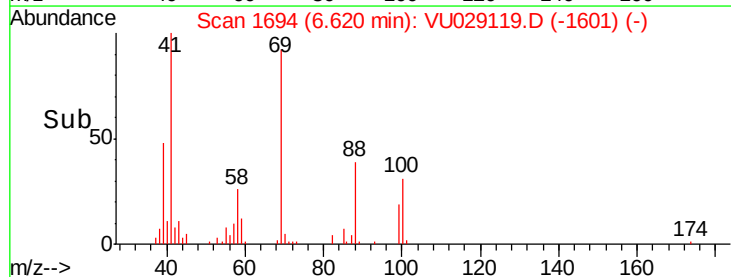
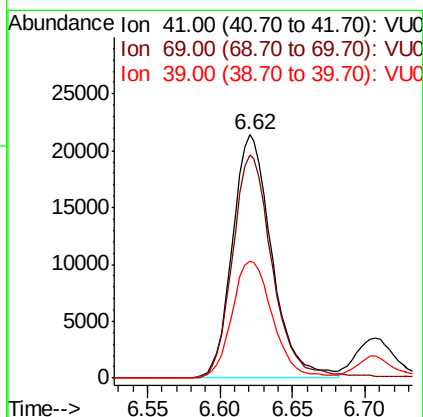
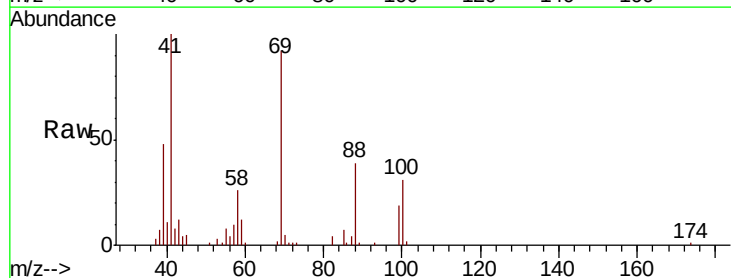
Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

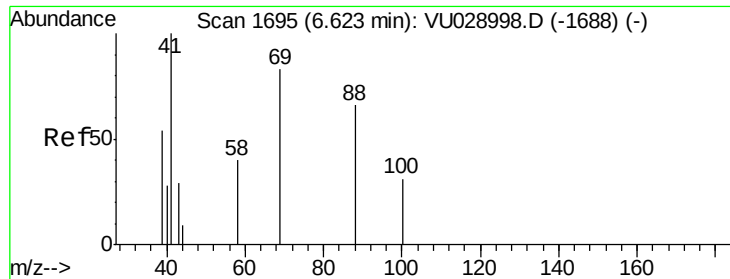
Tgt Ion: 83 Resp: 45204
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2
127 8.0 7.0 10.4



#48
Methyl methacrylate
Concen: 20.862 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 41 Resp: 40399
Ion Ratio Lower Upper
41 100
69 93.4 73.6 110.4
39 49.5 39.6 59.4

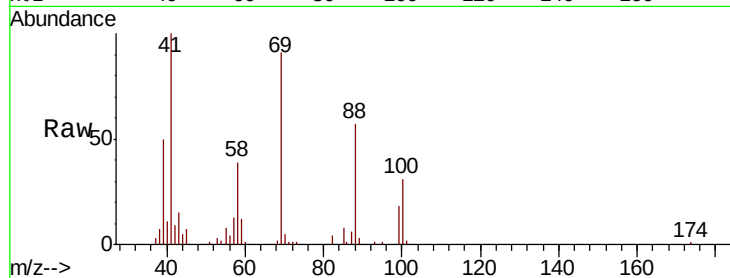




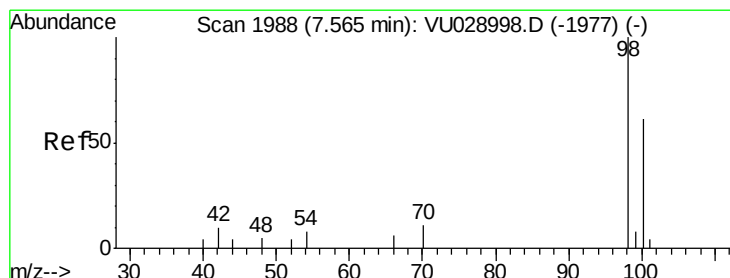
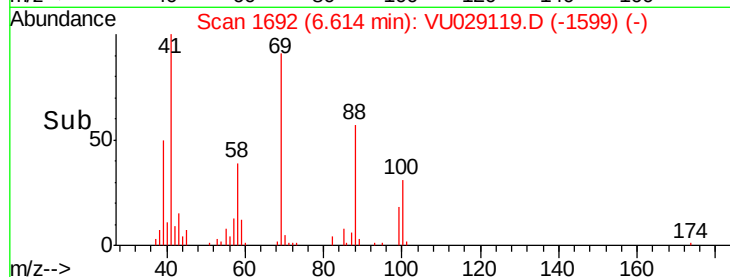
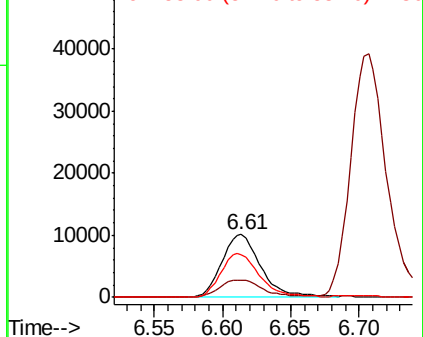
#49
1,4-Dioxane
Concen: 437.091 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

Tgt Ion: 88 Resp: 20059
Ion Ratio Lower Upper
88 100
43 30.8 23.0 34.4
58 69.7 57.9 86.9

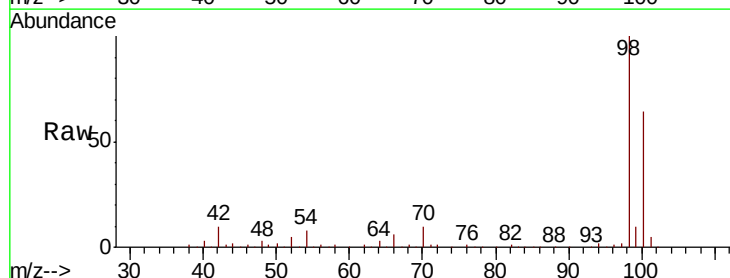


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

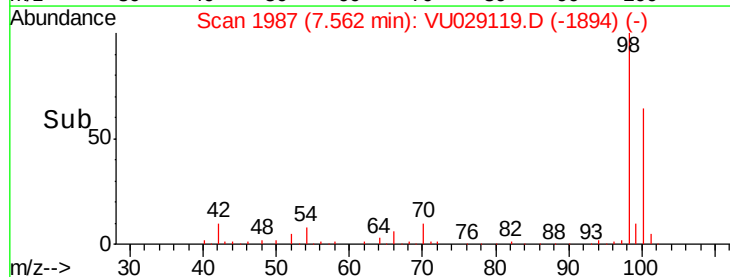
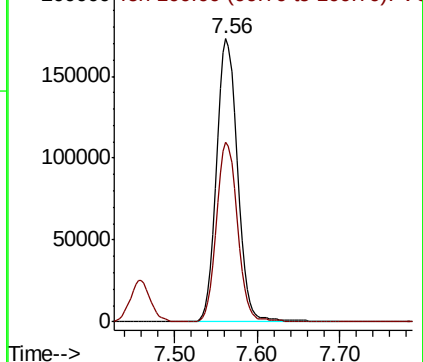


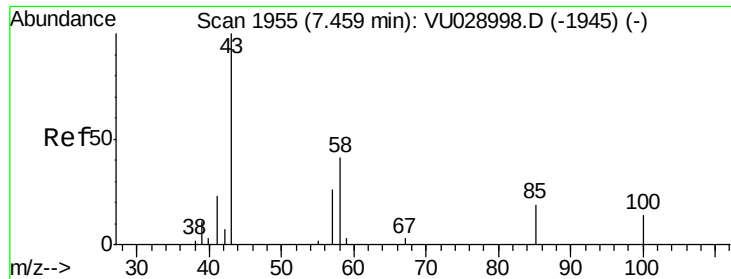
#50
Toluene-d8
Concen: 50.271 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 98 Resp: 303998
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

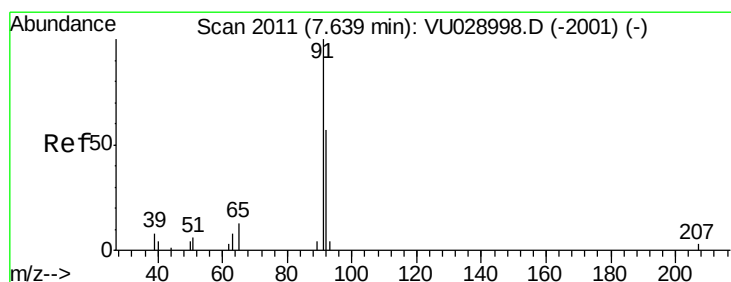
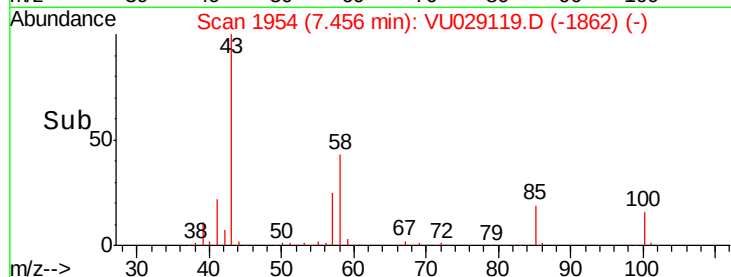
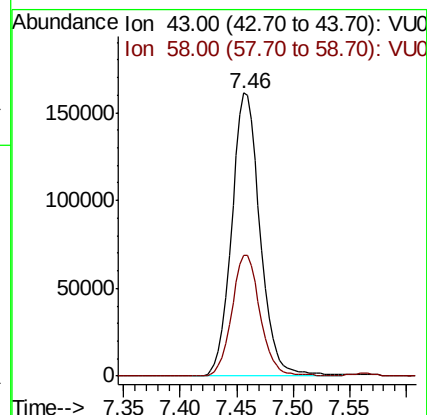
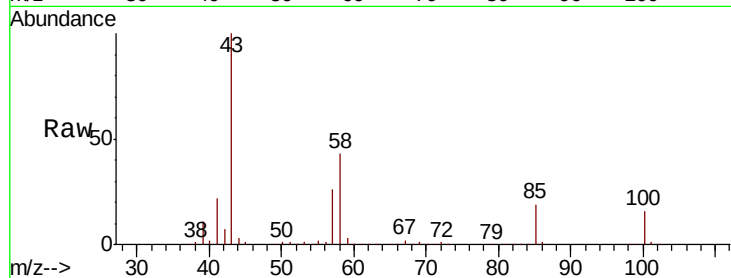




#51
 4-Methyl-2-Pentanone
 Concen: 104.085 ug/l
 RT: 7.46 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

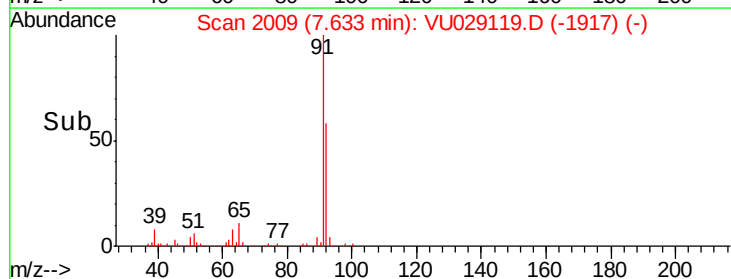
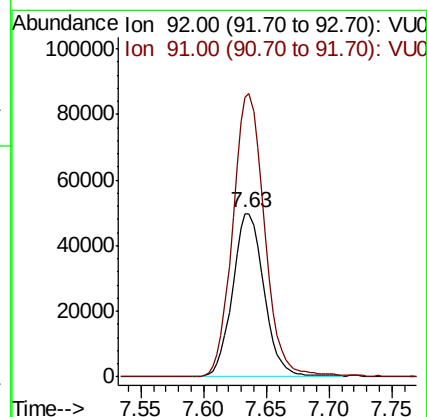
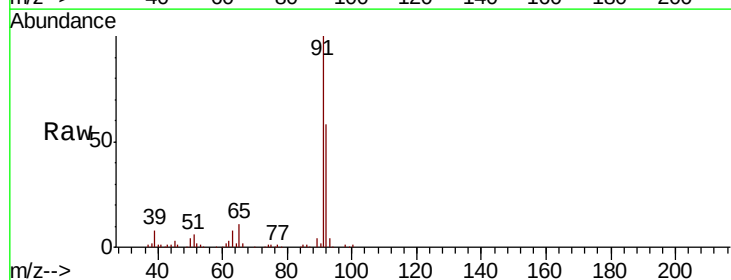
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

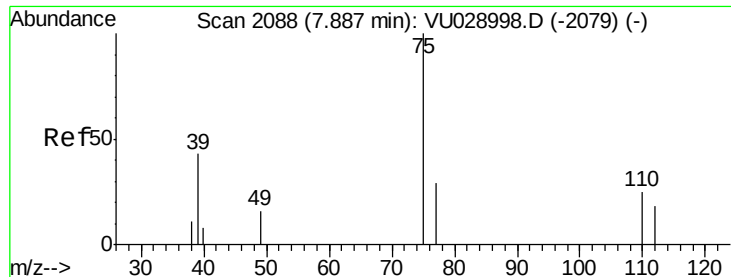
Tgt Ion: 43 Resp: 281713
 Ion Ratio Lower Upper
 43 100
 58 42.7 33.9 50.9



#52
 Toluene
 Concen: 19.438 ug/l
 RT: 7.63 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 92 Resp: 87182
 Ion Ratio Lower Upper
 92 100
 91 175.0 139.8 209.8





#53

t-1,3-Dichloropropene

Concen: 18.900 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

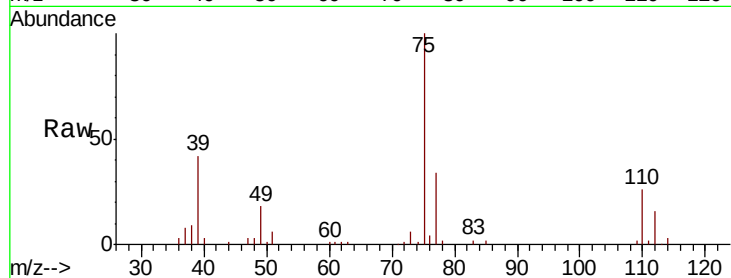
VU0110MBS01

Tgt Ion: 75 Resp: 51991

Ion Ratio Lower Upper

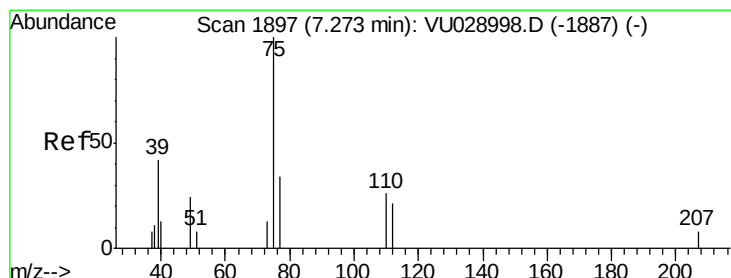
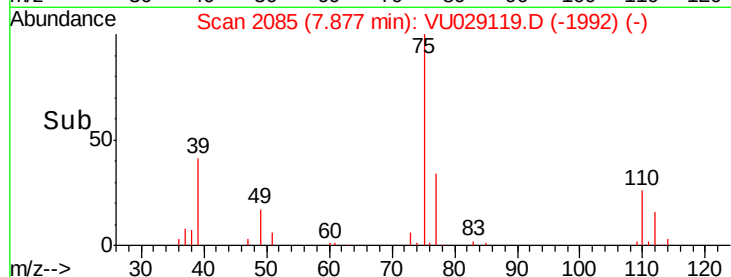
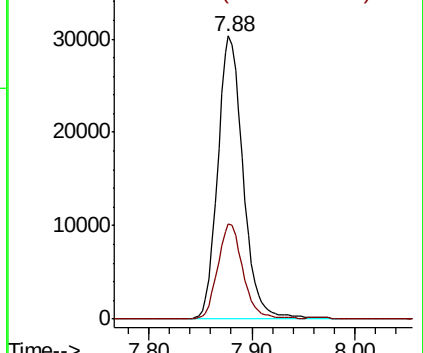
75 100

77 33.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.553 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

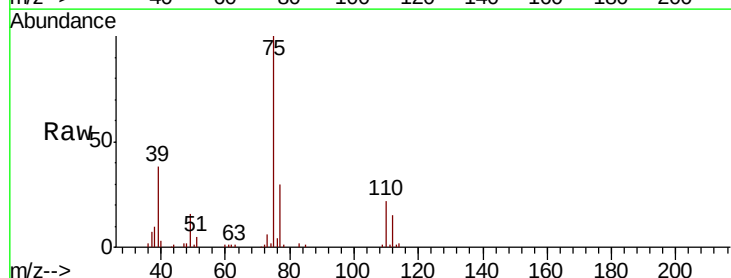
Tgt Ion: 75 Resp: 58121

Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.6

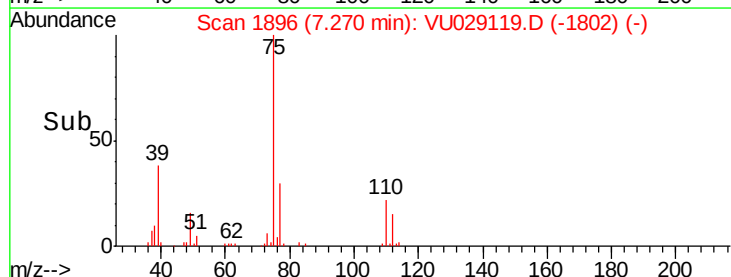
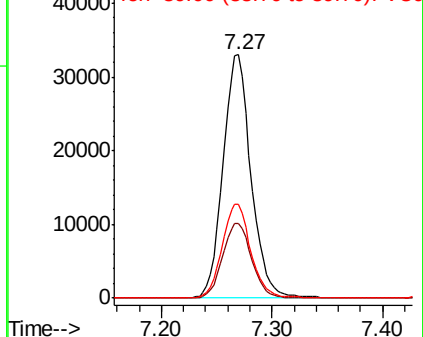
39 38.3 32.2 48.4

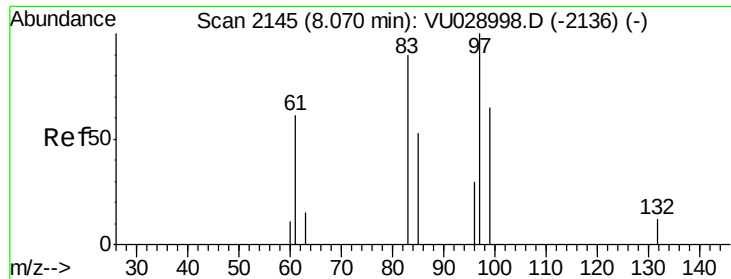


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

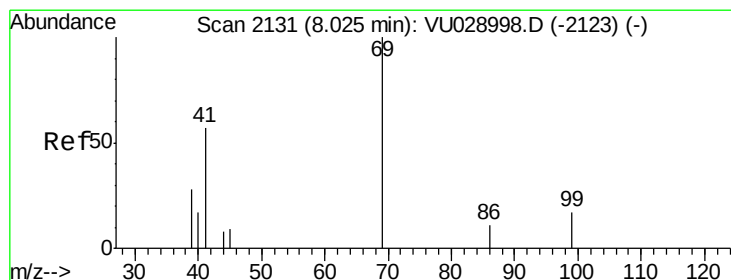
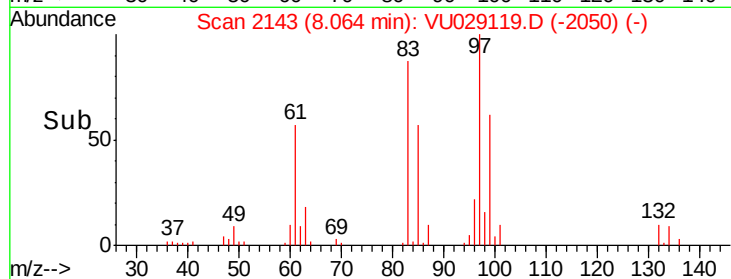
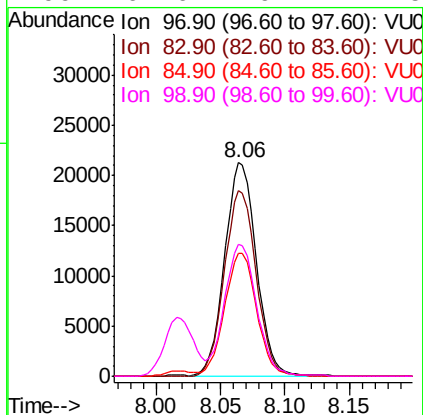
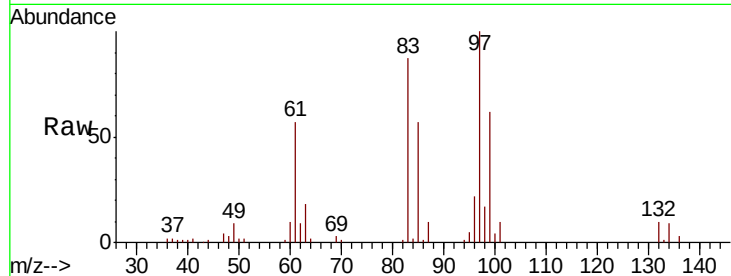




#55
1,1,2-Trichloroethane
Concen: 20.253 ug/l
RT: 8.06 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

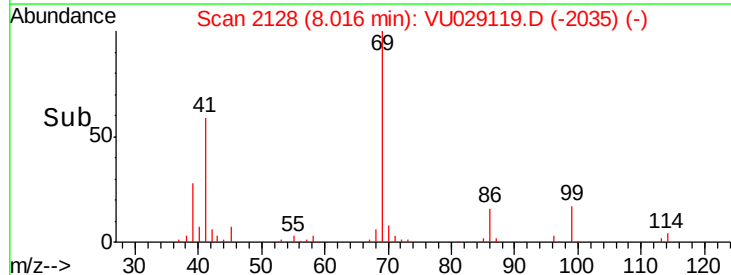
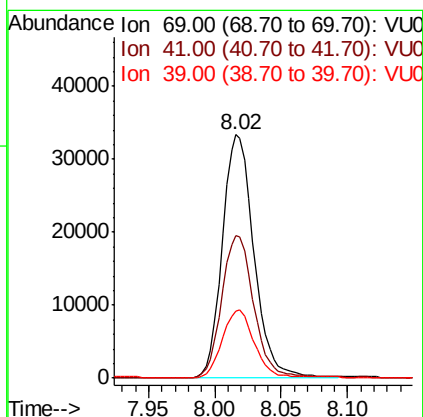
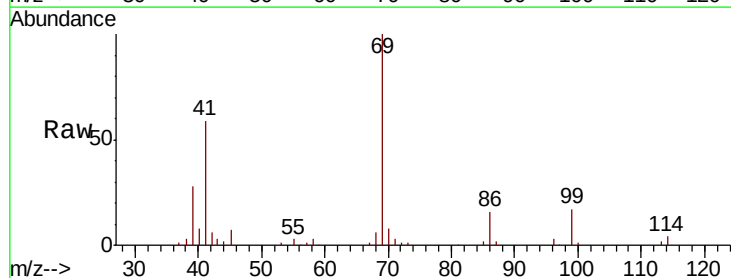
Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

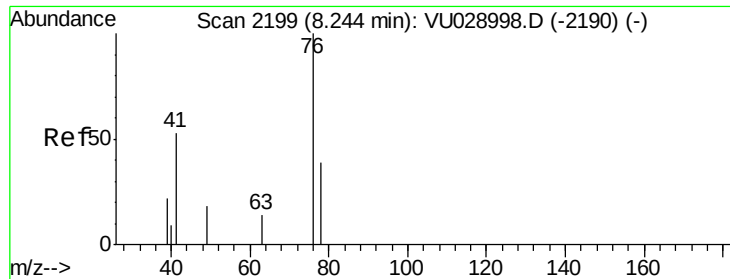
Tgt Ion: 97 Resp: 36391
Ion Ratio Lower Upper
97 100
83 87.0 69.8 104.8
85 57.4 47.3 70.9
99 61.6 49.7 74.5



#56
Ethyl methacrylate
Concen: 20.025 ug/l
RT: 8.02 min Scan# 2128
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 69 Resp: 55431
Ion Ratio Lower Upper
69 100
41 59.7 47.5 71.3
39 29.1 22.5 33.7

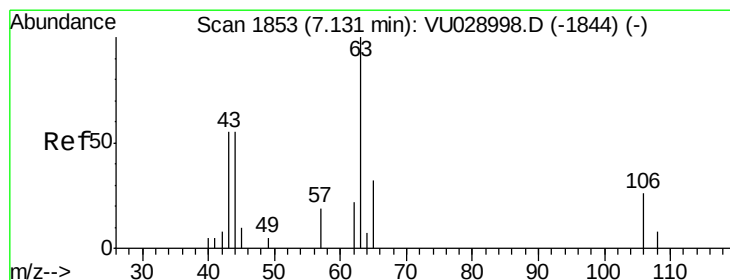
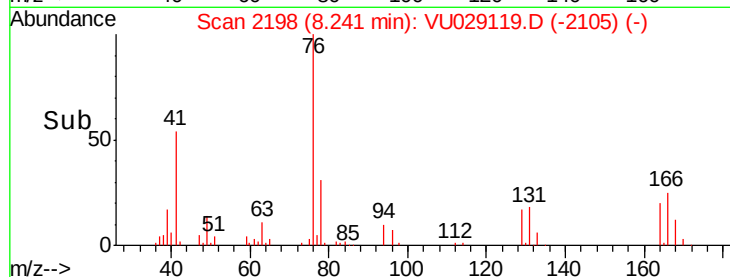
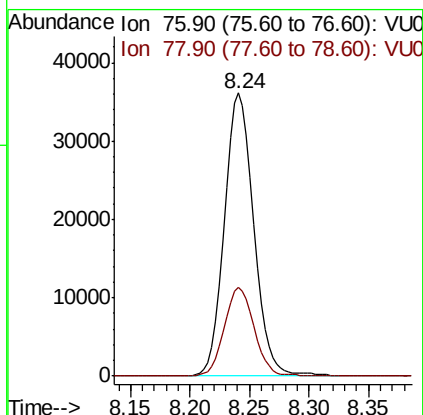
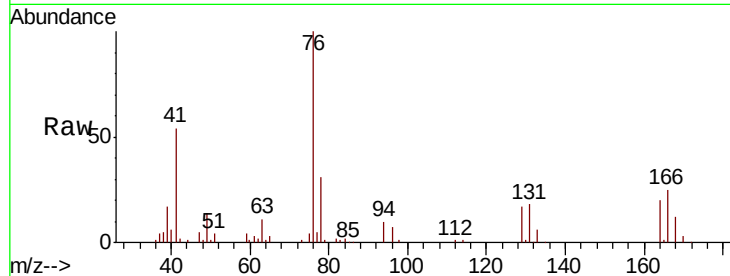




#57
 1,3-Dichloropropane
 Concen: 20.109 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

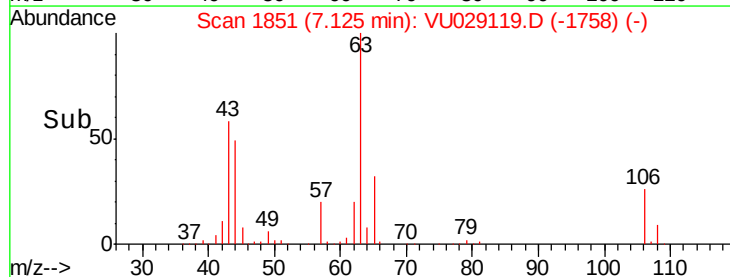
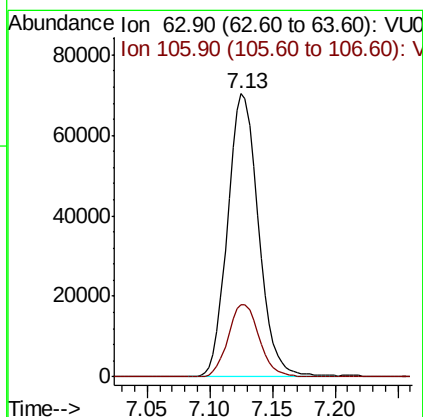
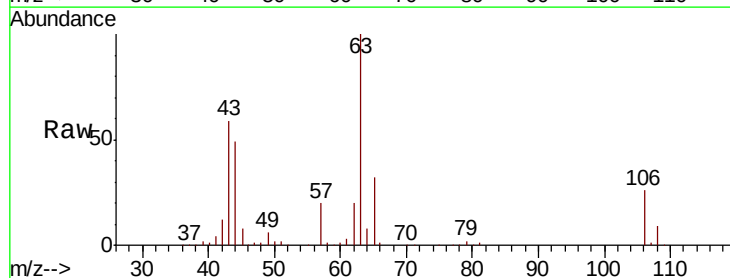
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

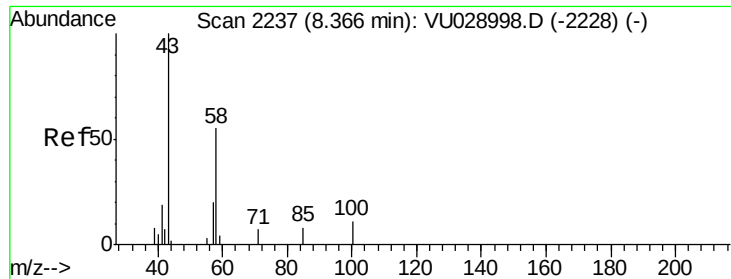
Tgt Ion: 76 Resp: 61825
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.957 ug/l
 RT: 7.13 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 63 Resp: 120469
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.6 31.0

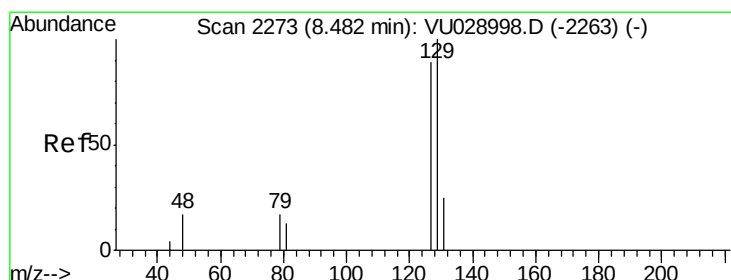
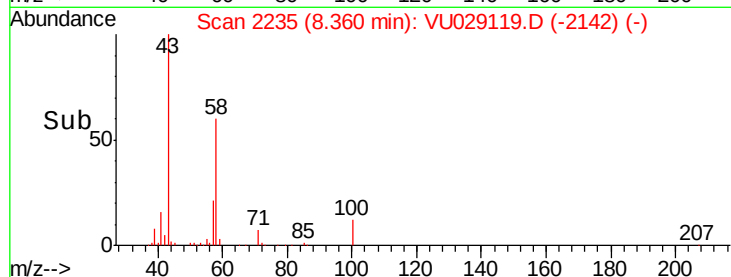
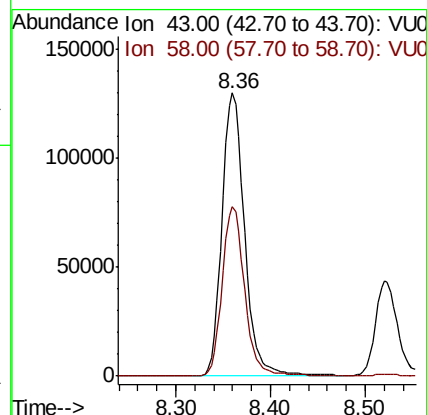
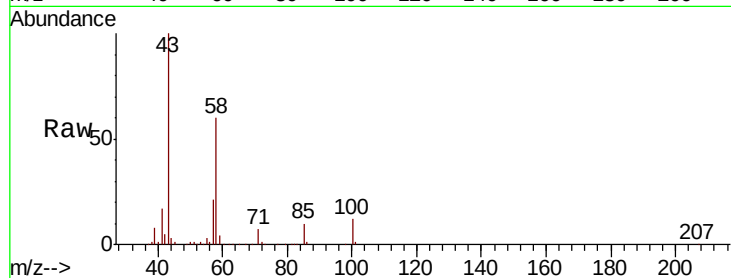




#59
2-Hexanone
Concen: 101.911 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

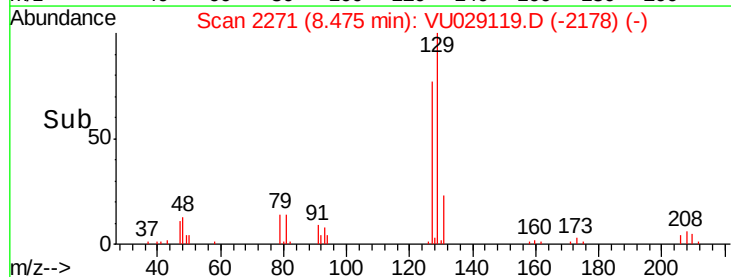
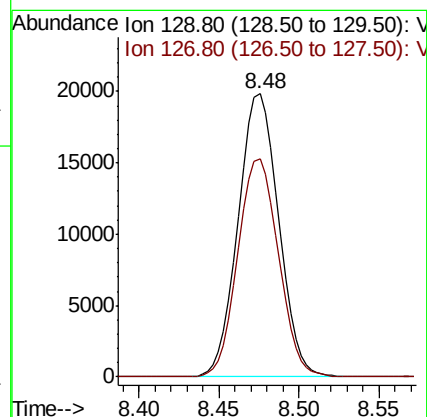
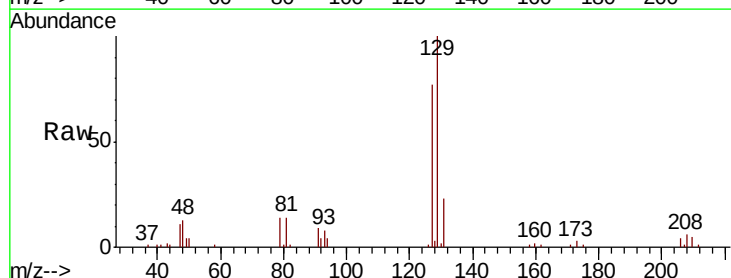
Instrument :
MSVOA_U
ClientSampleId :
VU0110MBS01

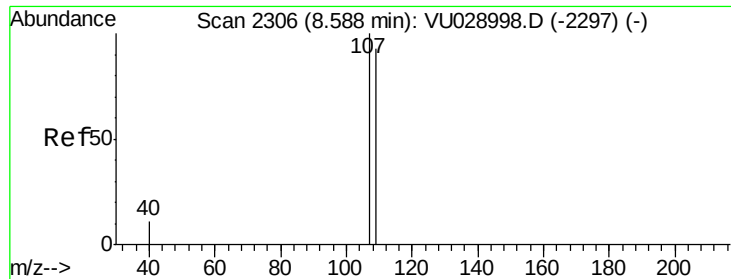
Tgt Ion: 43 Resp: 216516
Ion Ratio Lower Upper
43 100
58 59.4 29.8 89.4



#60
Dibromochloromethane
Concen: 19.271 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 129 Resp: 34305
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.0





#61

1,2-Dibromoethane

Concen: 19.884 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

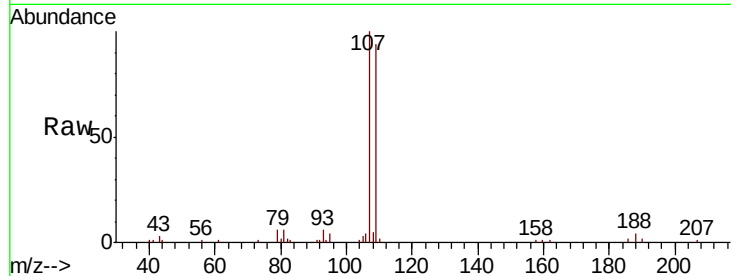
VU0110MBSD01

Tgt Ion:107 Resp: 38748

Ion Ratio Lower Upper

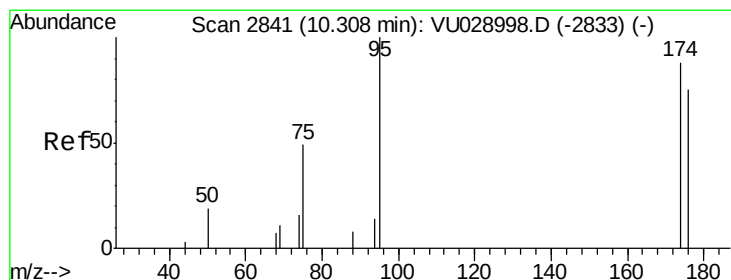
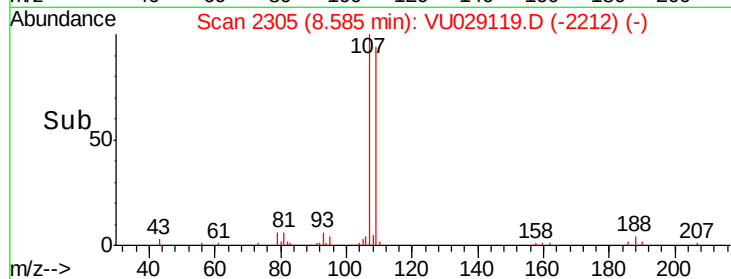
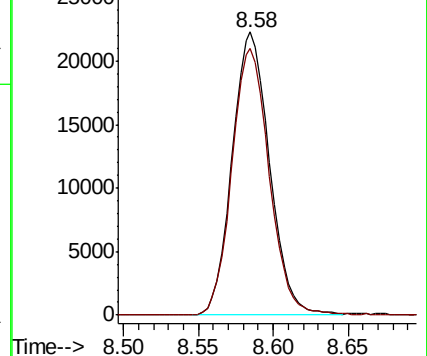
107 100

109 94.2 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: 47.849 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

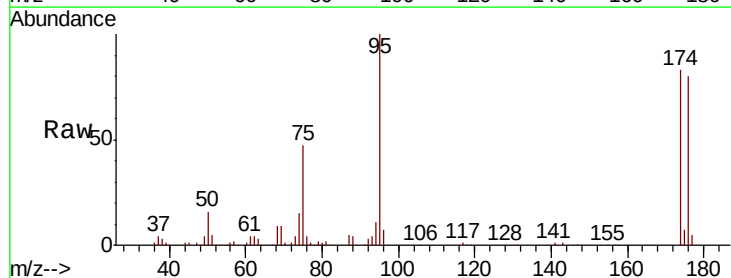
Tgt Ion: 95 Resp: 103987

Ion Ratio Lower Upper

95 100

174 84.2 0.0 170.6

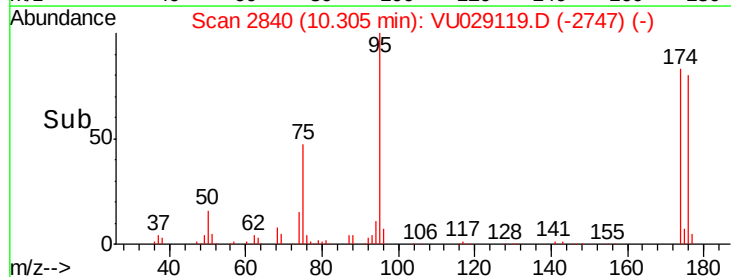
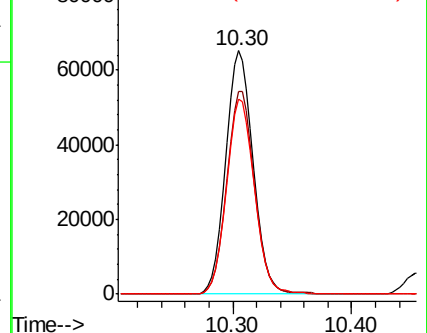
176 81.6 0.0 165.0

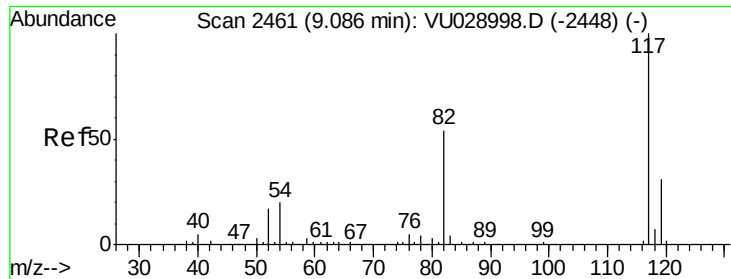


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

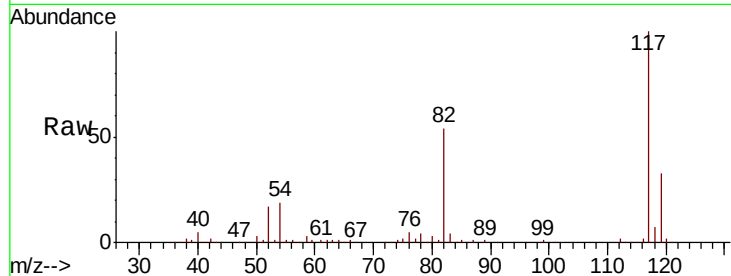




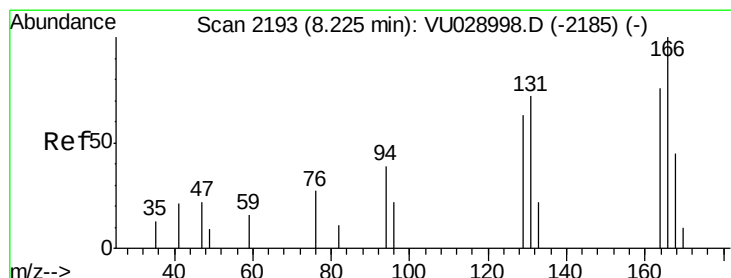
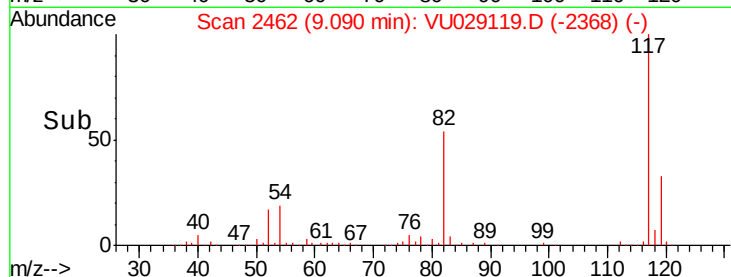
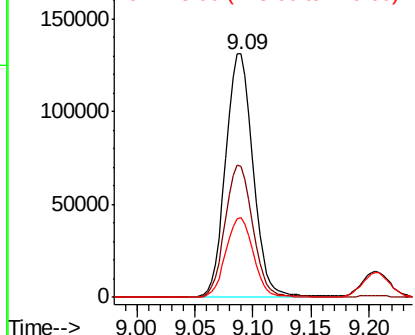
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

Tgt Ion:117 Resp: 215531
Ion Ratio Lower Upper
117 100
82 53.9 43.9 65.9
119 32.6 26.0 39.0

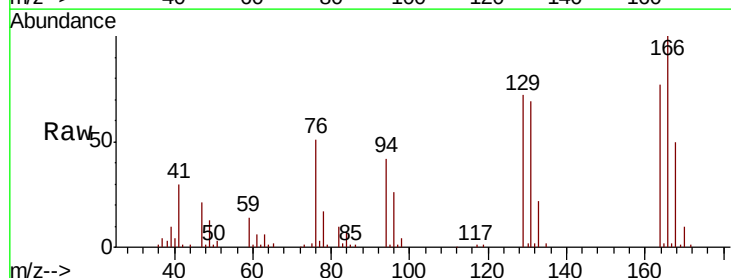


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

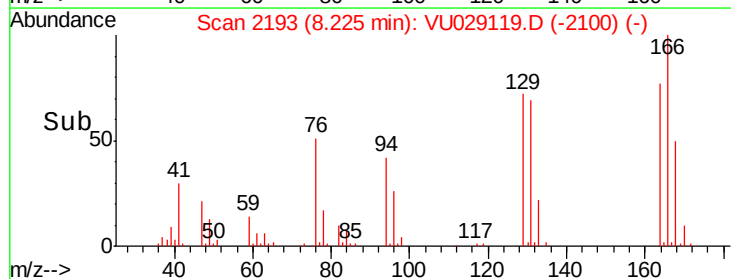
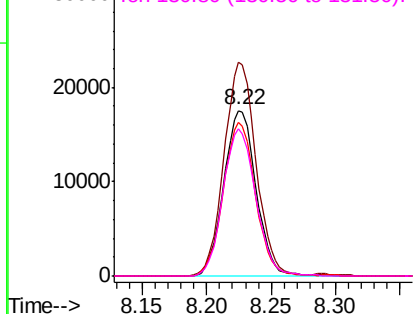


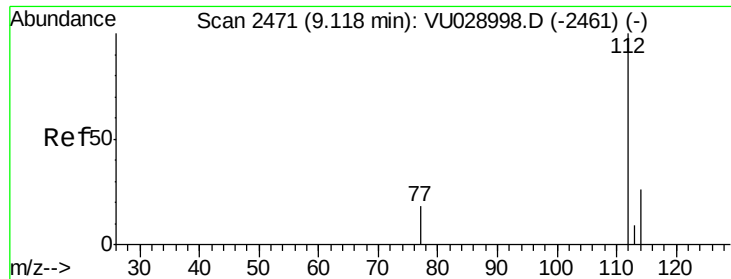
#64
Tetrachloroethene
Concen: 19.635 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion:164 Resp: 30485
Ion Ratio Lower Upper
164 100
166 129.2 99.4 149.0
129 92.8 70.5 105.7
131 88.8 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

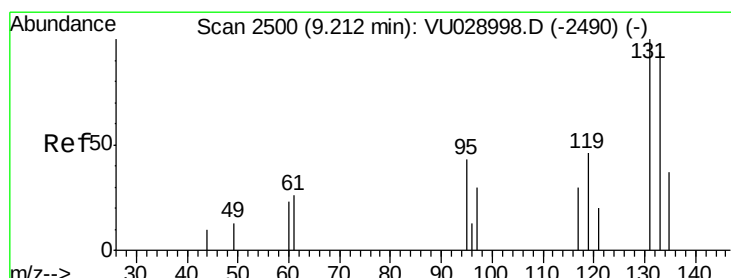
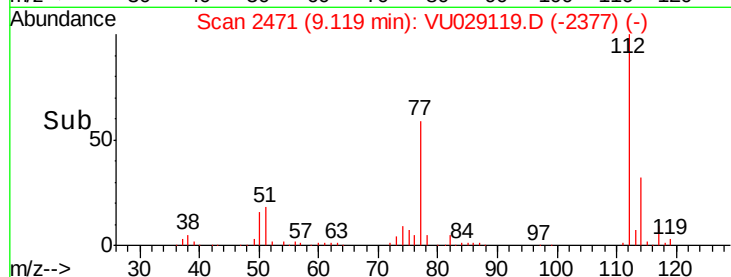
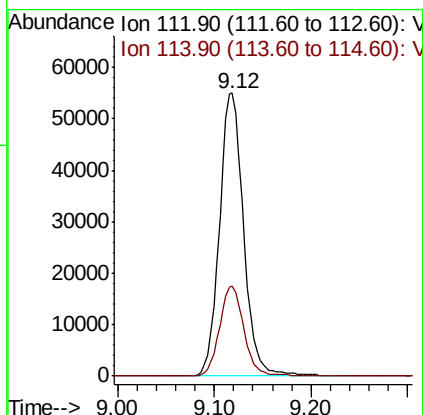
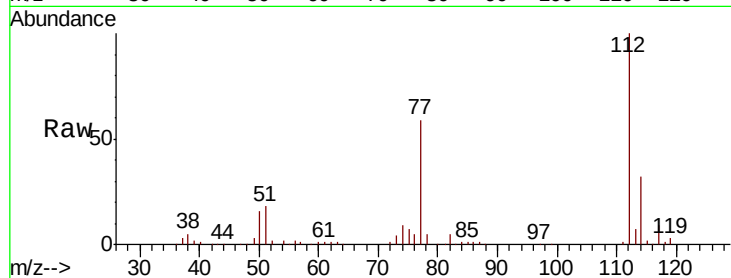




#65
Chlorobenzene
Concen: 19.708 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

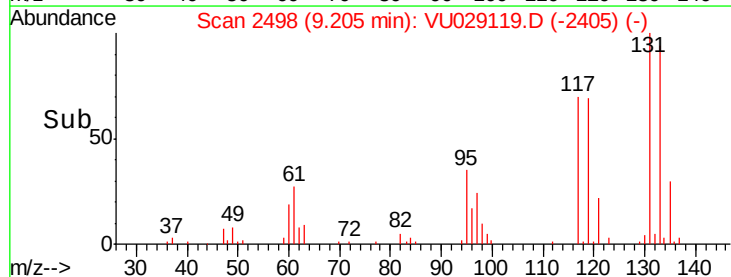
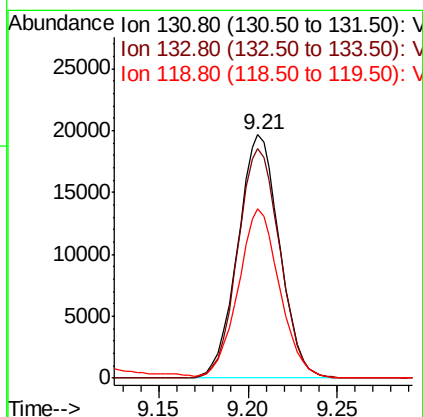
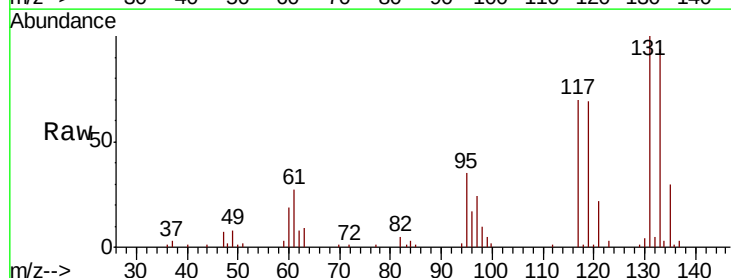
Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

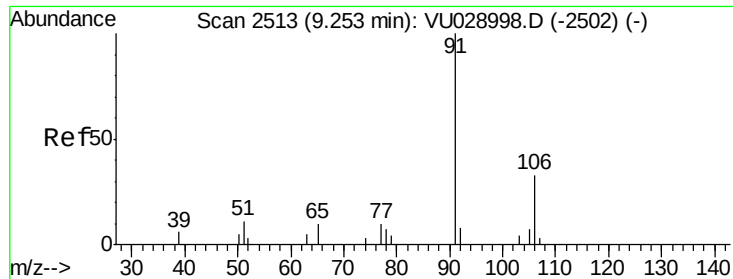
Tgt Ion:112 Resp: 95211
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.500 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion:131 Resp: 32141
Ion Ratio Lower Upper
131 100
133 95.4 48.2 144.6
119 69.1 35.4 106.3

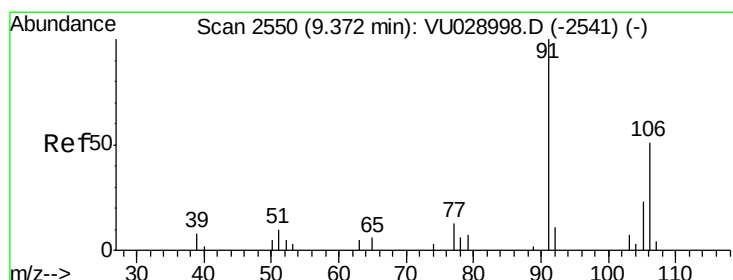
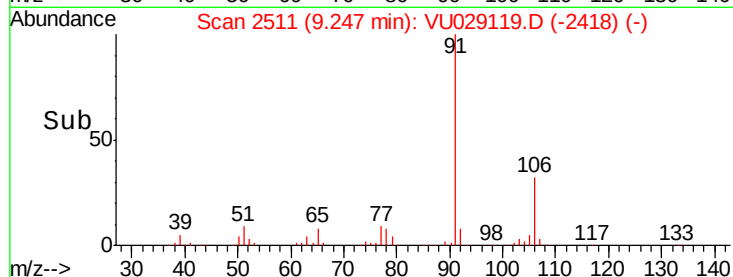
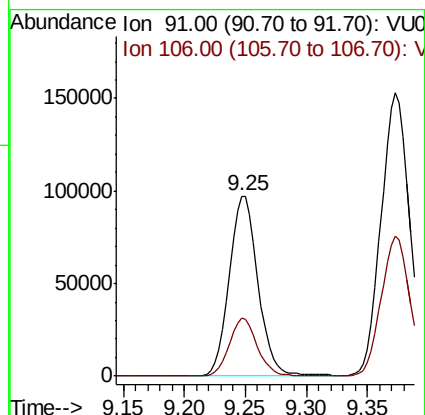
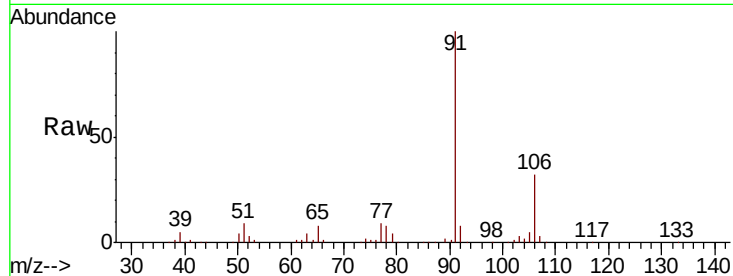




#67
Ethyl Benzene
Concen: 19.986 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

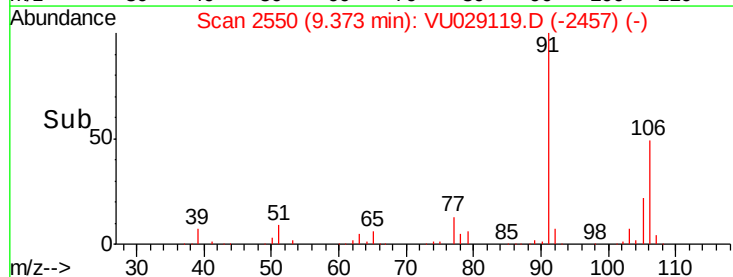
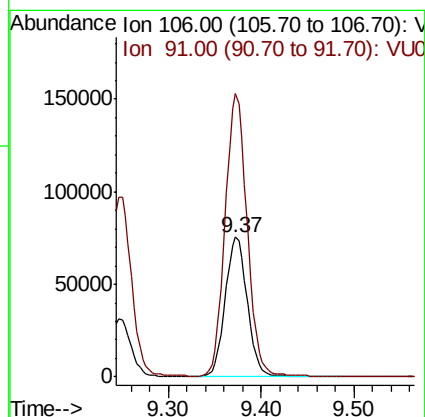
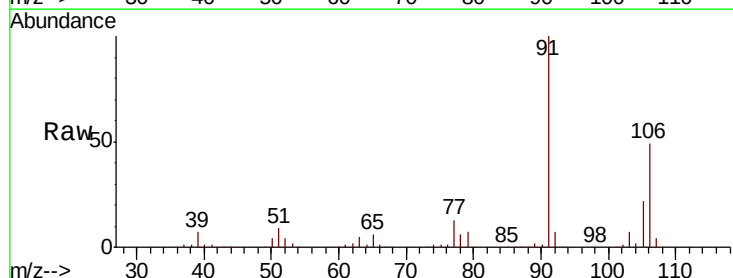
Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

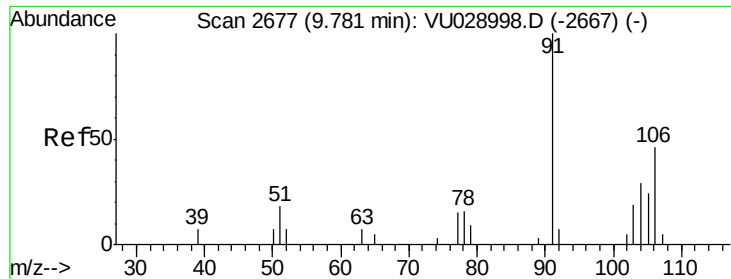
Tgt Ion: 91 Resp: 161203
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.4



#68
m/p-Xylenes
Concen: 40.074 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion: 106 Resp: 125594
Ion Ratio Lower Upper
106 100
91 202.0 161.7 242.5

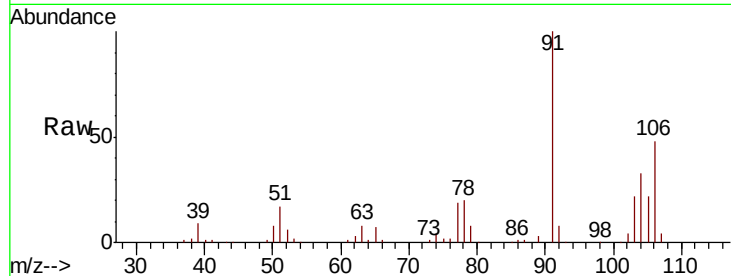




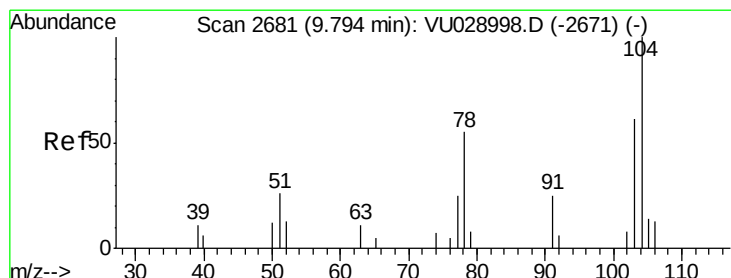
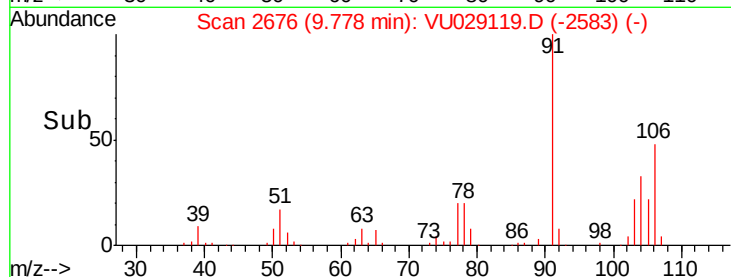
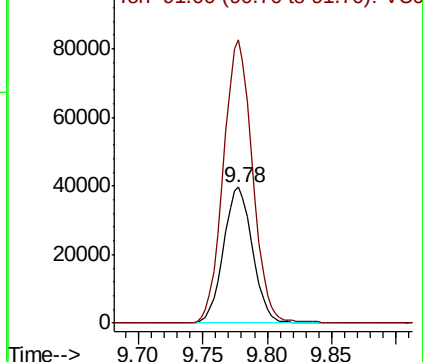
#69
o-Xylene
Concen: 20.552 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
VU0110MBSD01

Tgt Ion:106 Resp: 62061
Ion Ratio Lower Upper
106 100
91 208.9 106.1 318.3

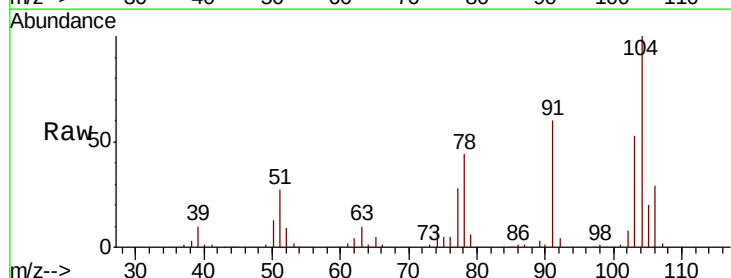


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

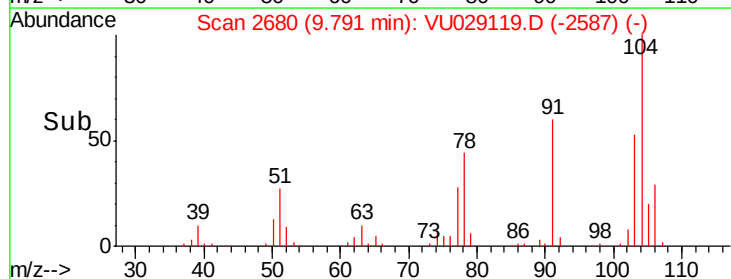
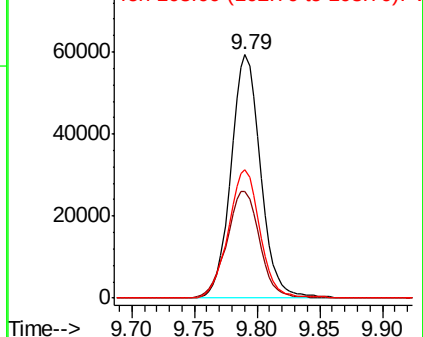


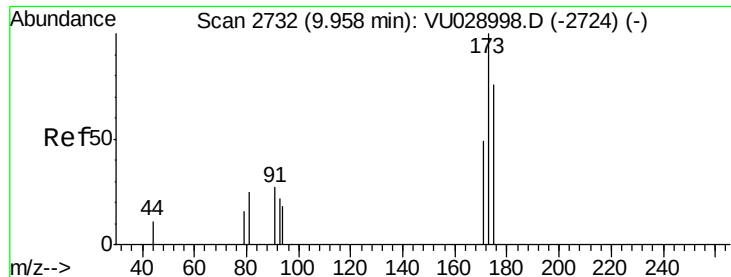
#70
Styrene
Concen: 19.690 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion:104 Resp: 97473
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 55.8 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: 19.081 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBSD01

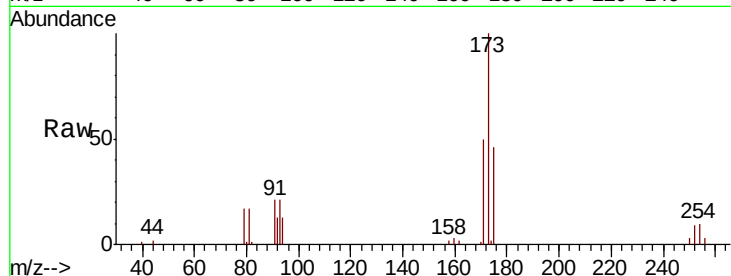
Tgt Ion:173 Resp: 26637

Ion Ratio Lower Upper

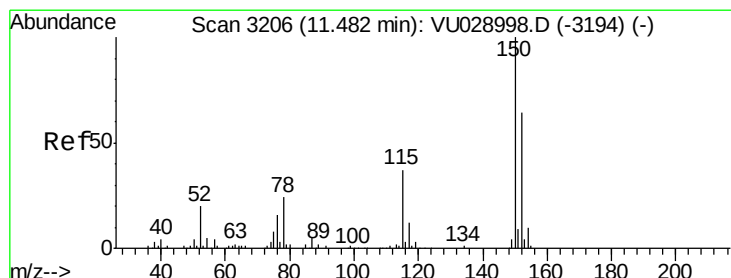
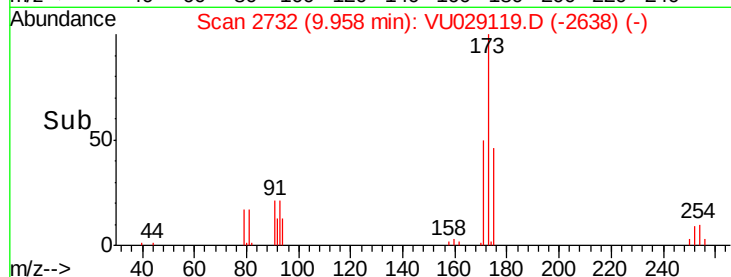
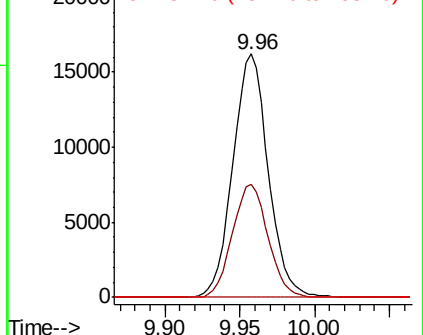
173 100

175 46.6 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: VU029119.D

Acq: 10 Jan 2019 15:28

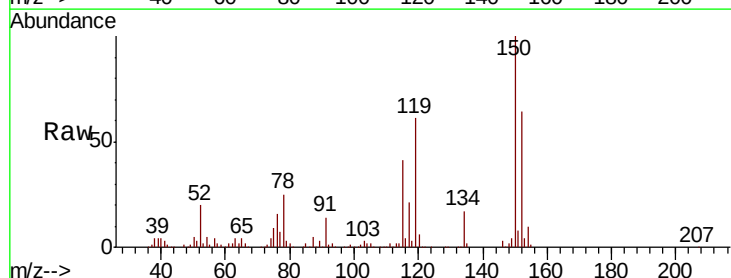
Tgt Ion:152 Resp: 103155

Ion Ratio Lower Upper

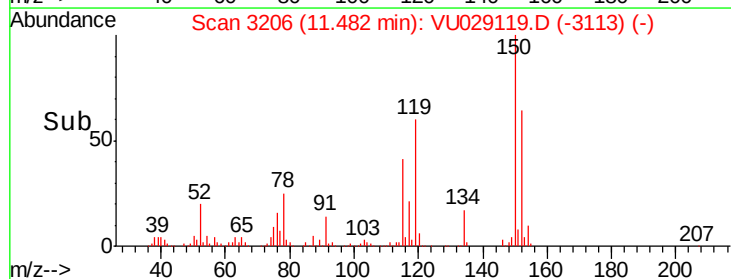
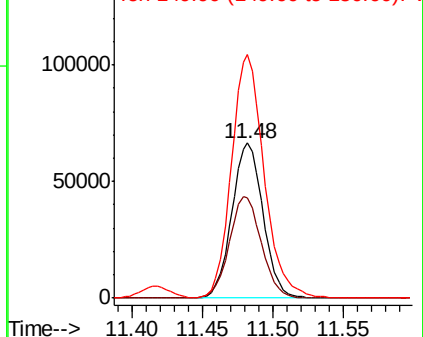
152 100

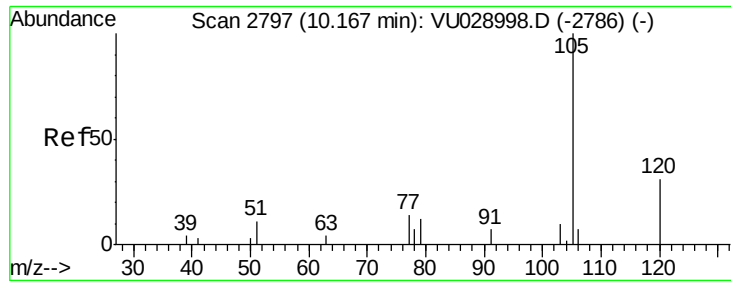
115 67.0 40.1 120.3

150 163.8 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: 20.649 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

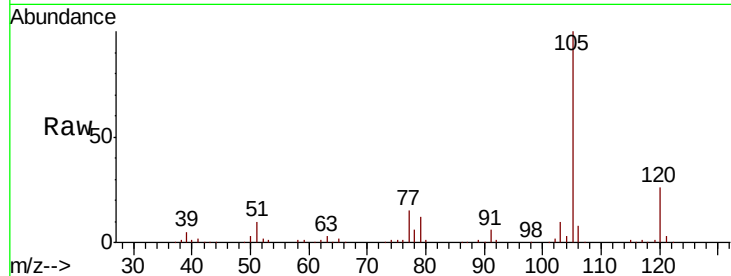
VU0110MBSD01

Tgt Ion: 105 Resp: 157657

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

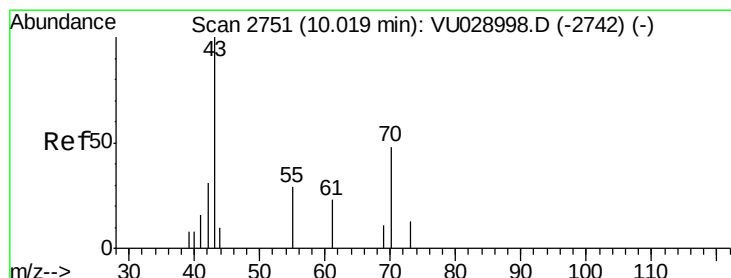
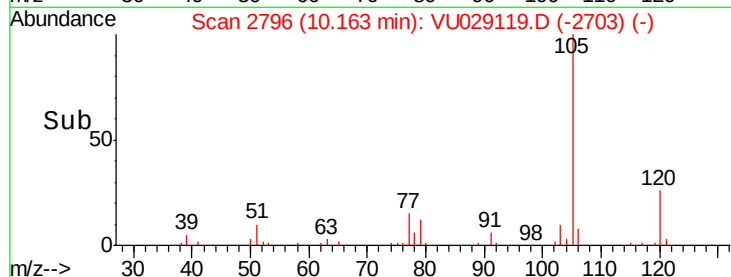
20000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 20.496 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Tgt Ion: 43 Resp: 67434

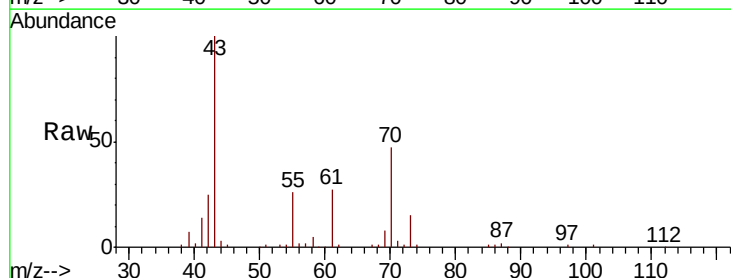
Ion Ratio Lower Upper

43 100

70 46.7 36.3 54.5

55 25.6 20.5 30.7

61 26.8 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

60000

40000

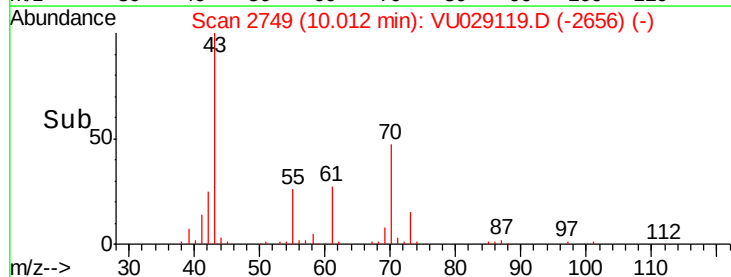
20000

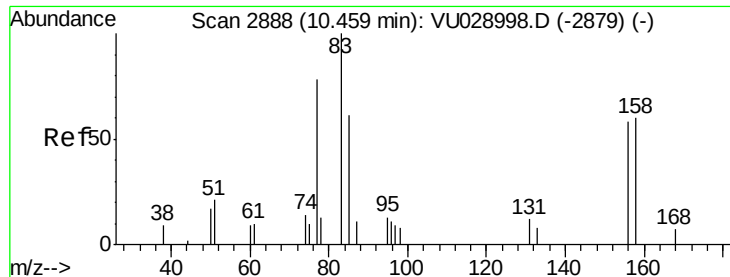
0

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.230 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBSD01

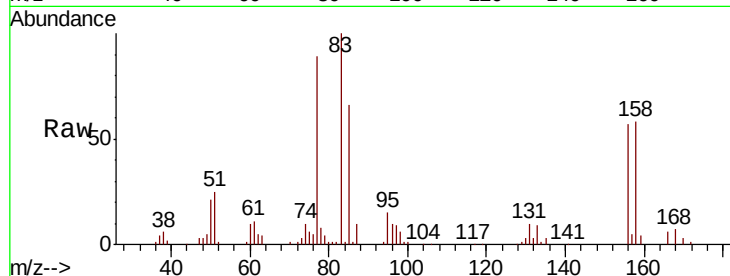
Tgt Ion: 83 Resp: 61907

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.1

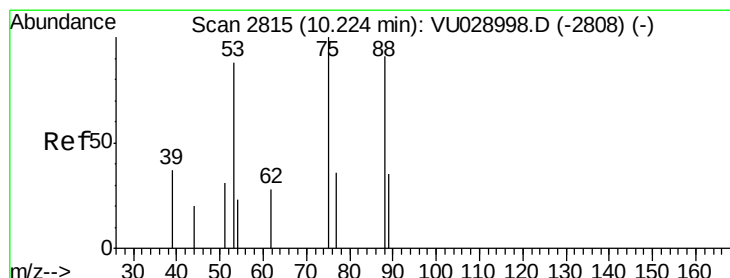
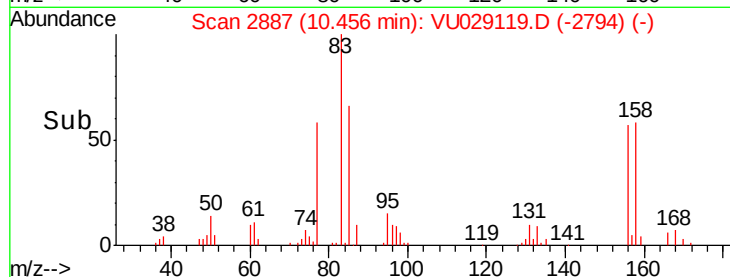
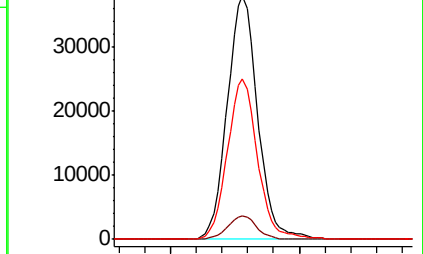
85 65.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU028998.D (-2879) (-)

Ion 130.80 (130.50 to 131.50): VU028998.D (-2879) (-)

Ion 84.90 (84.60 to 85.60): VU028998.D (-2879) (-)



#76

1,2,3-Trichloropropane

Concen: 28.615 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.00 min

Lab File: VU029119.D

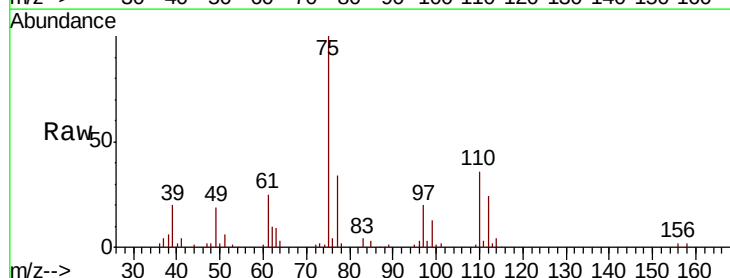
Acq: 10 Jan 2019 15:28

Tgt Ion: 75 Resp: 72323

Ion Ratio Lower Upper

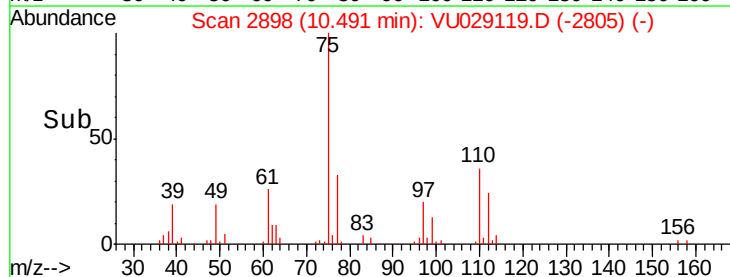
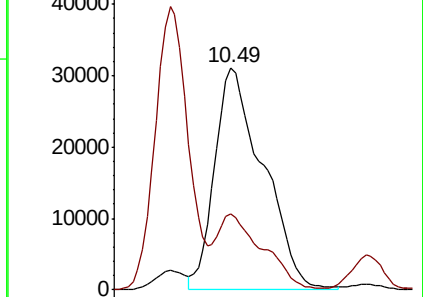
75 100

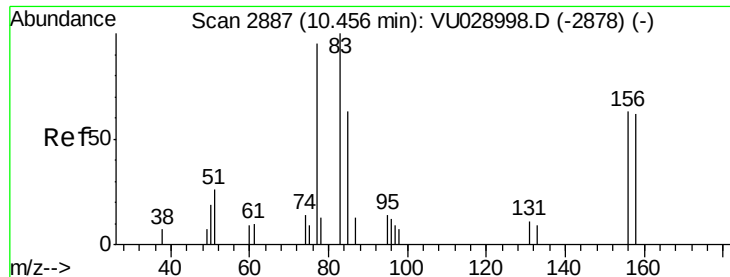
77 31.2 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU028998.D (-2808) (-)

Ion 77.00 (76.70 to 77.70): VU028998.D (-2808) (-)





#77

Bromobenzene

Concen: 20.251 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBSD01

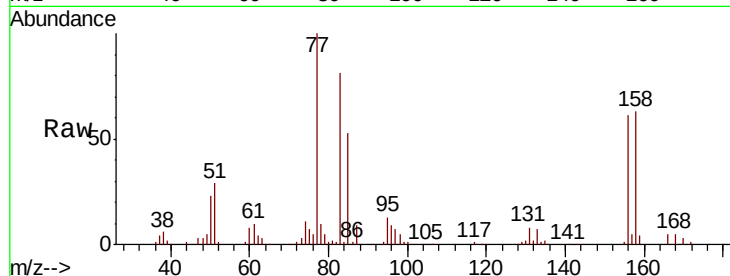
Tgt Ion:156 Resp: 40294

Ion Ratio Lower Upper

156 100

77 156.4 79.0 237.2

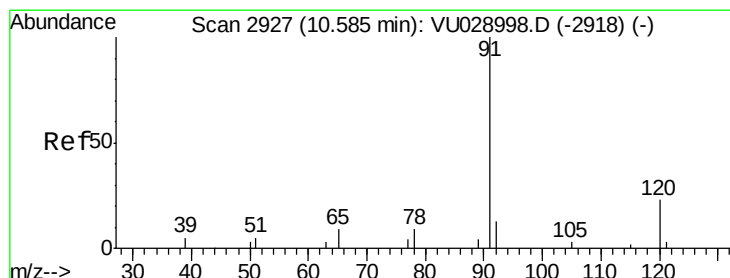
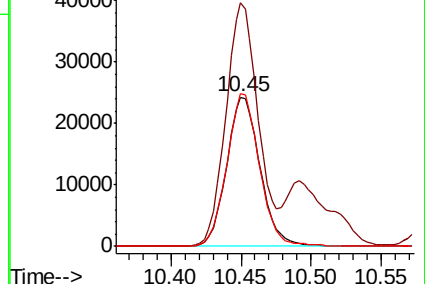
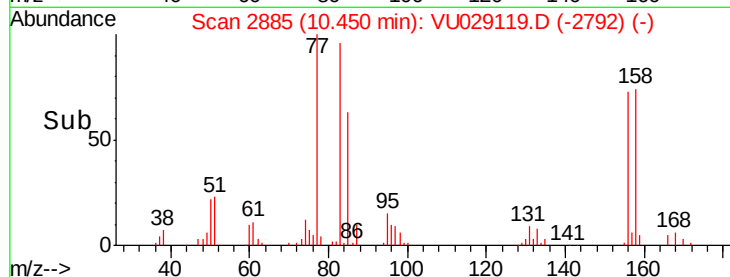
158 99.8 48.9 146.6



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: 20.595 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029119.D

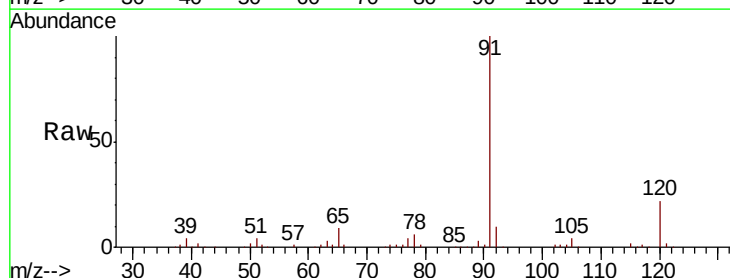
Acq: 10 Jan 2019 15:28

Tgt Ion: 91 Resp: 185318

Ion Ratio Lower Upper

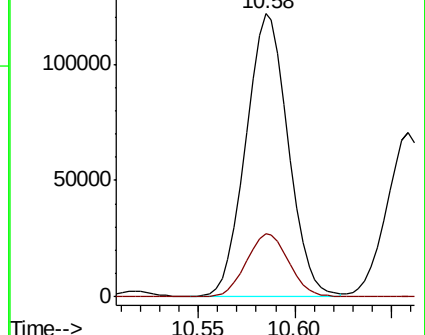
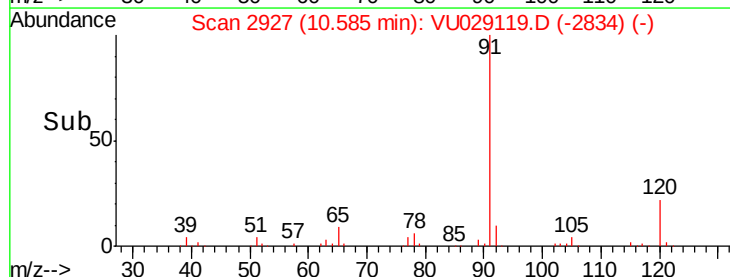
91 100

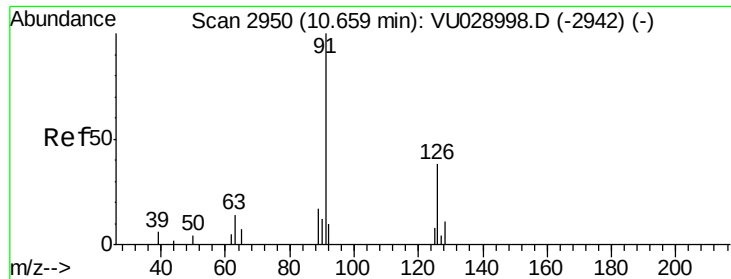
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.384 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

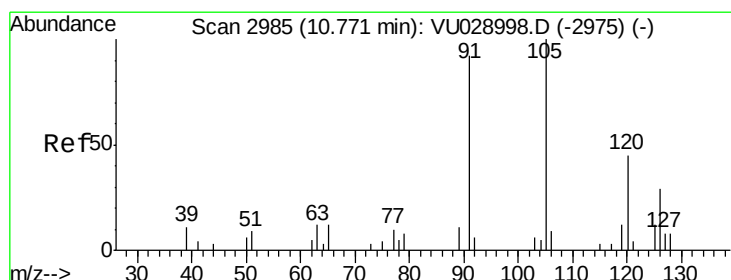
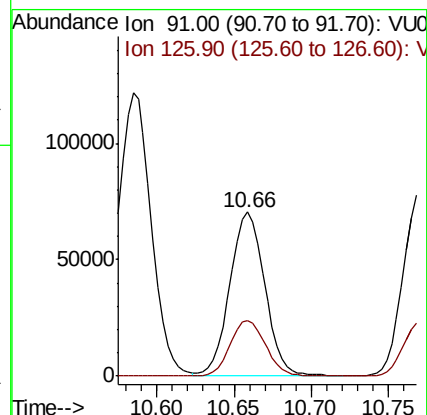
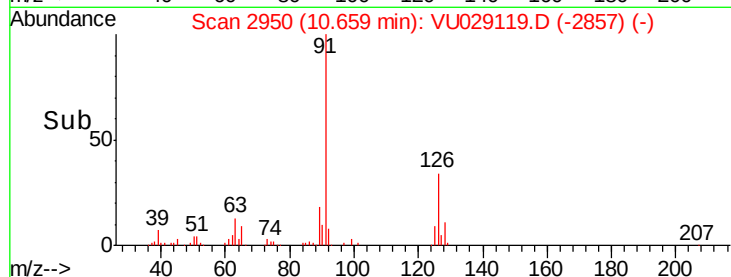
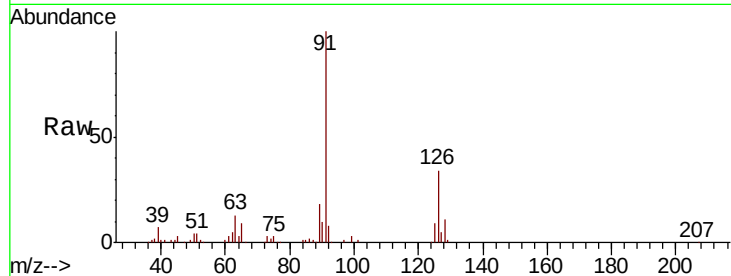
VU0110MBSD01

Tgt Ion: 91 Resp: 111261

Ion Ratio Lower Upper

91 100

126 34.3 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 20.686 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029119.D

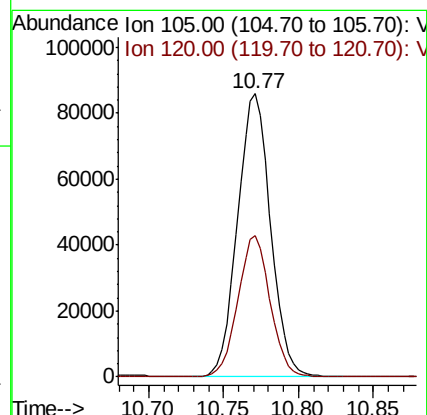
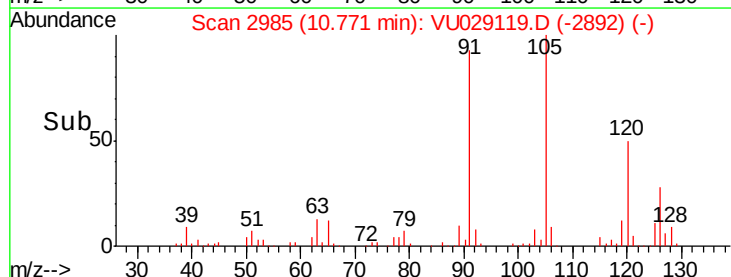
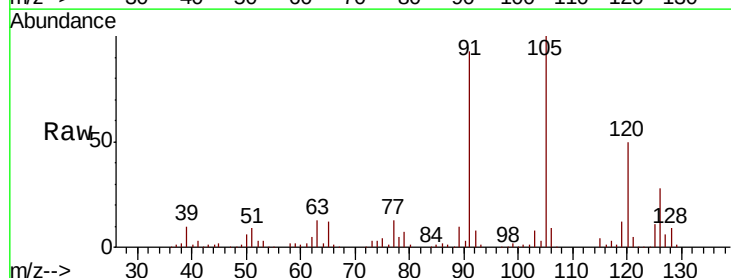
Acq: 10 Jan 2019 15:28

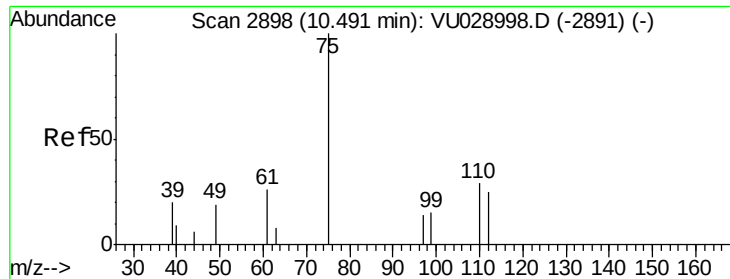
Tgt Ion: 105 Resp: 131896

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 73.799 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBSD01

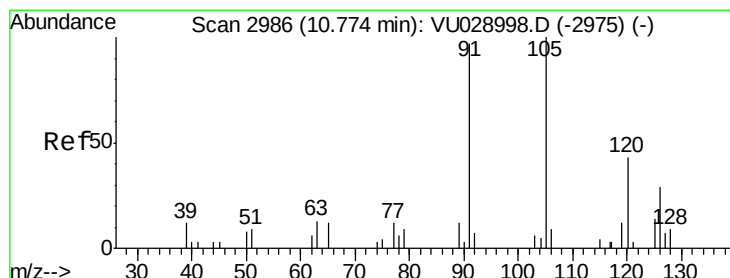
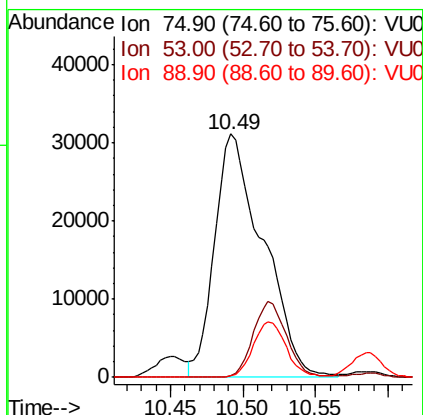
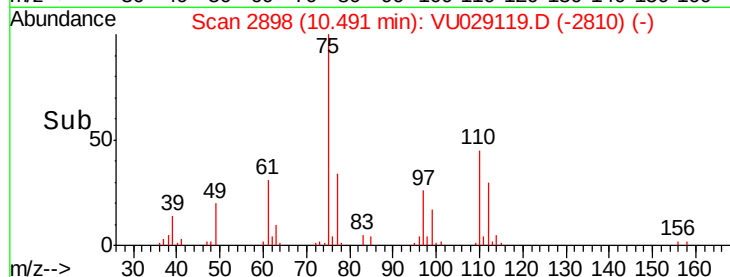
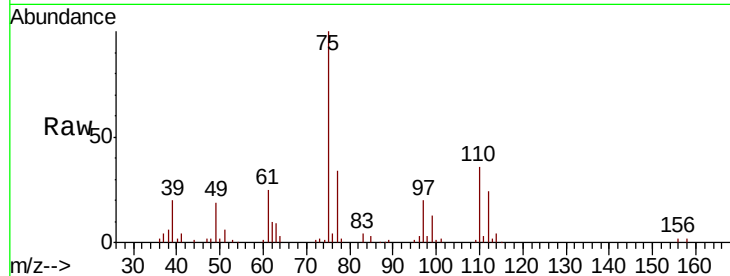
Tgt Ion: 75 Resp: 72323

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 20.059 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029119.D

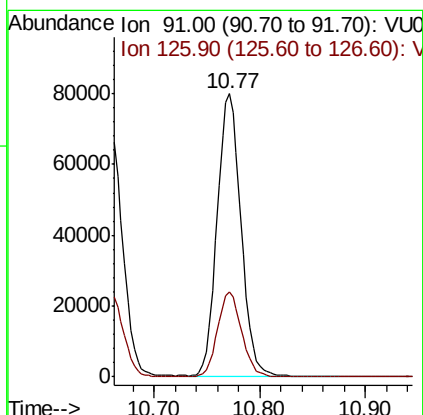
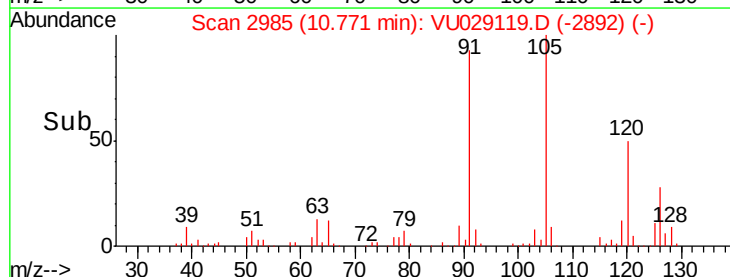
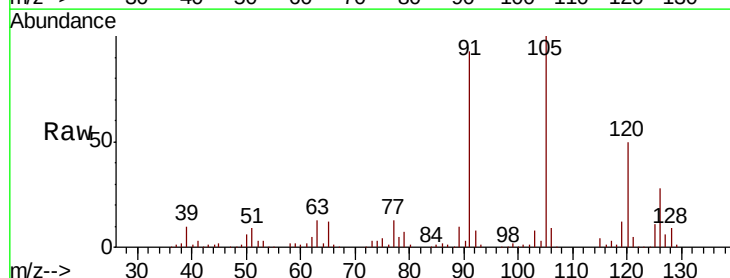
Acq: 10 Jan 2019 15:28

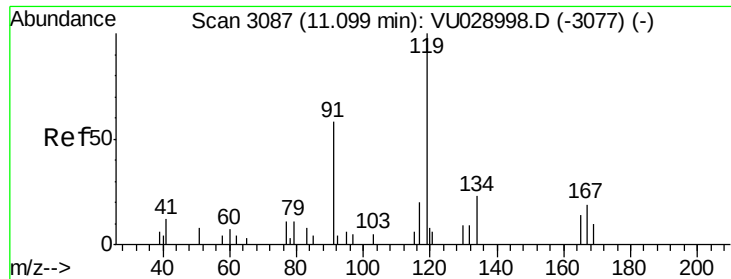
Tgt Ion: 91 Resp: 125544

Ion Ratio Lower Upper

91 100

126 30.1 15.5 46.5

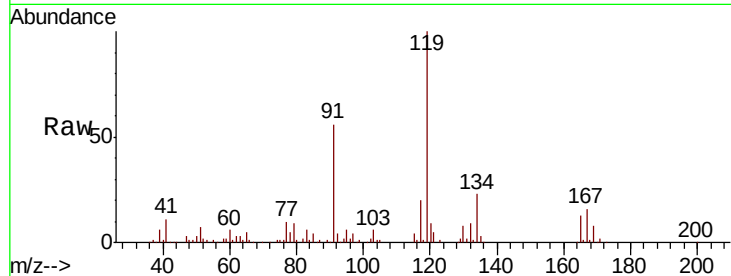




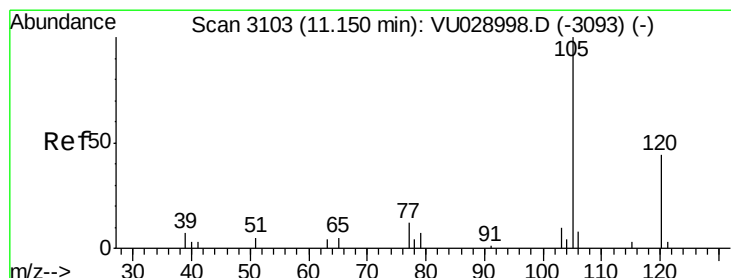
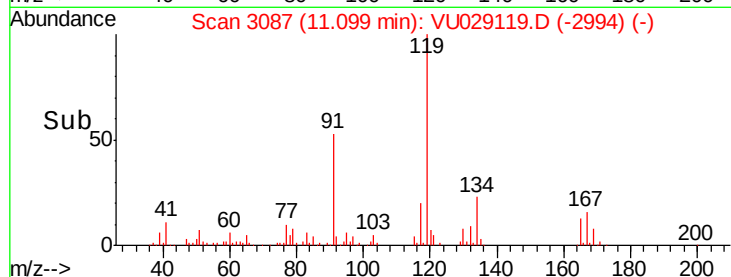
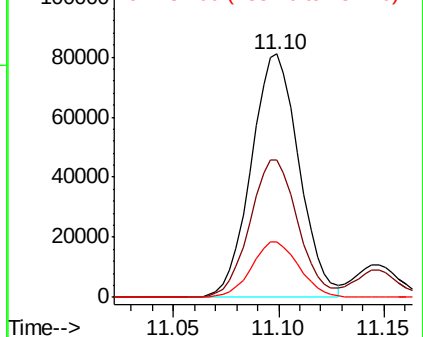
#83
 tert-Butylbenzene
 Concen: 20.378 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

Tgt Ion:119 Resp: 128063
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.2 84.6
 134 22.7 11.3 33.8

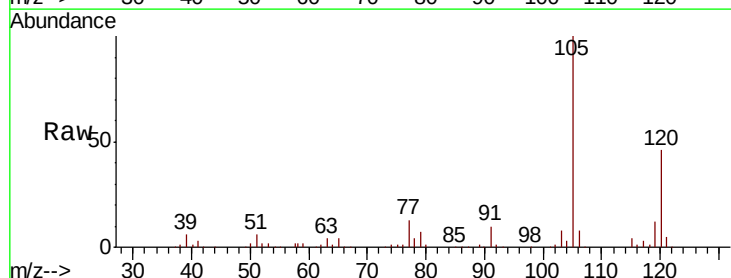


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

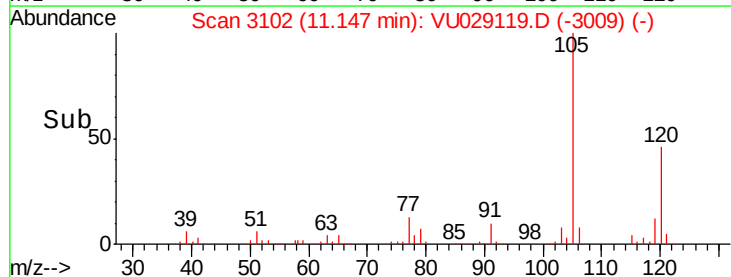
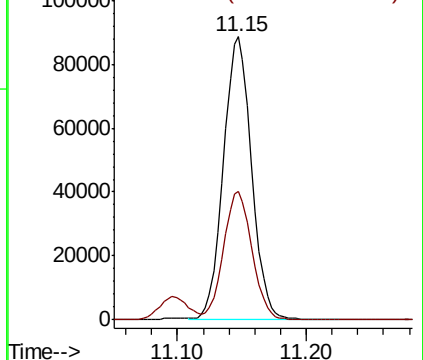


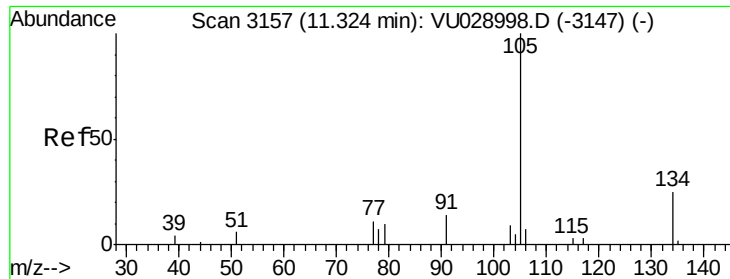
#84
 1,2,4-Trimethylbenzene
 Concen: 20.899 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion:105 Resp: 133038
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3



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





#85

sec-Butylbenzene

Concen: 21.032 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

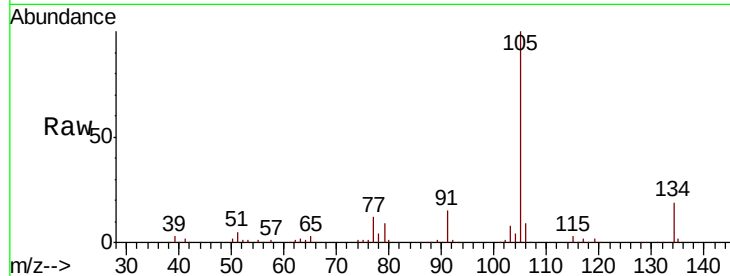
VU0110MBSD01

Tgt Ion:105 Resp: 159854

Ion Ratio Lower Upper

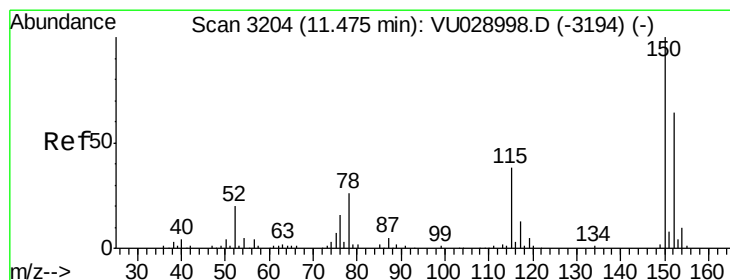
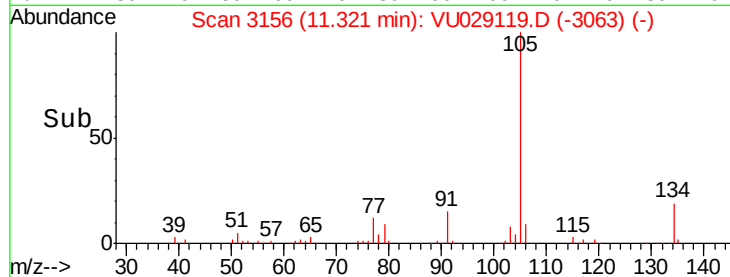
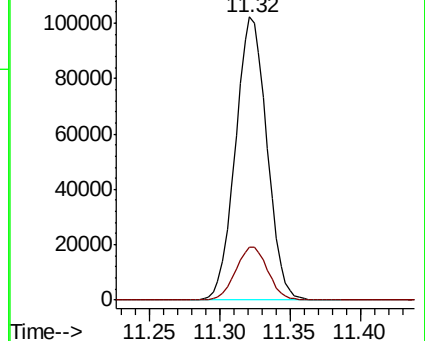
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.414 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

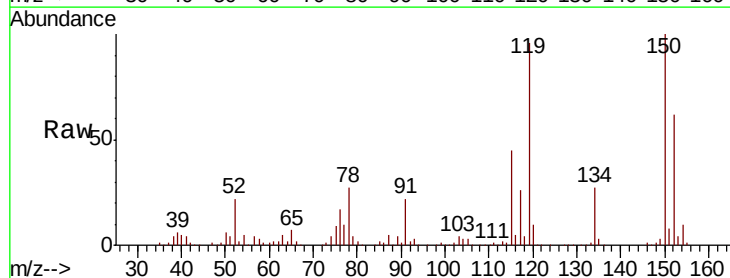
Tgt Ion:119 Resp: 132207

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

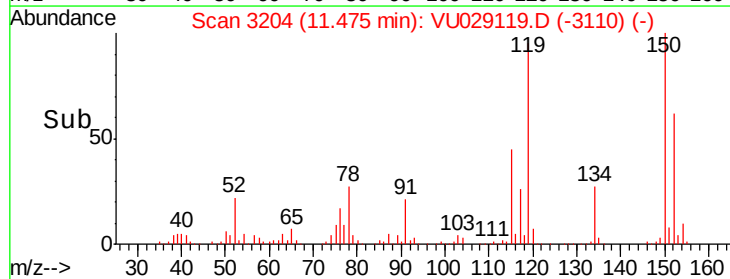
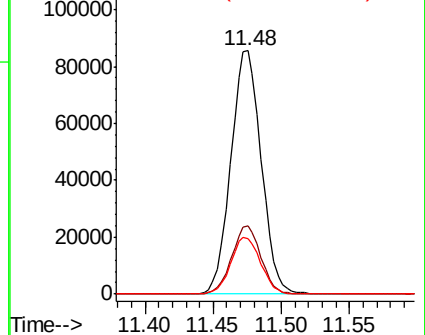
91 23.0 11.3 33.8

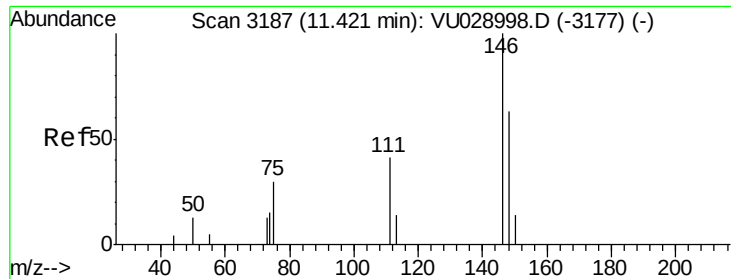


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

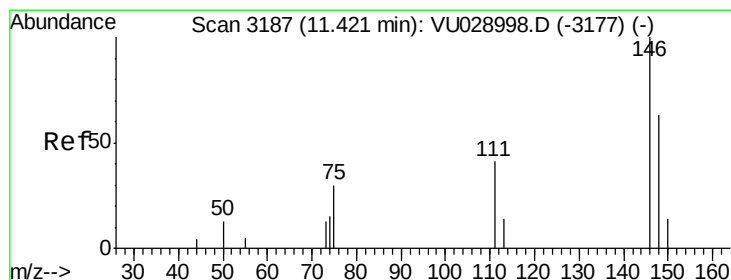
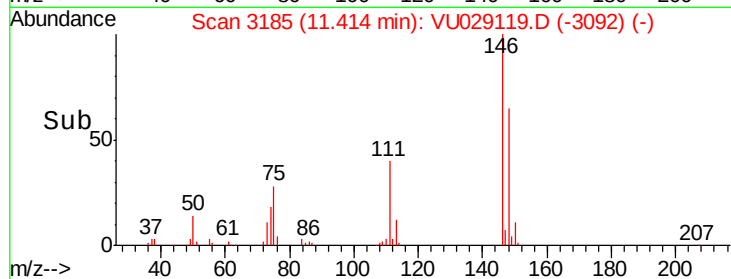
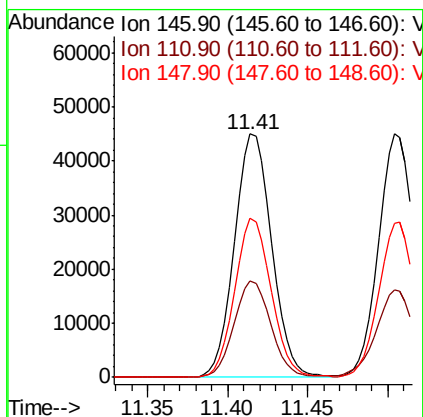
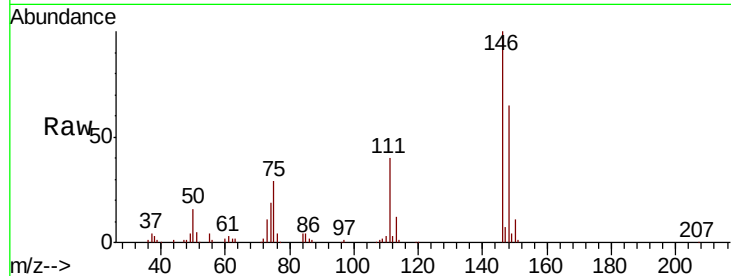




#87
 1,3-Dichlorobenzene
 Concen: 19.568 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

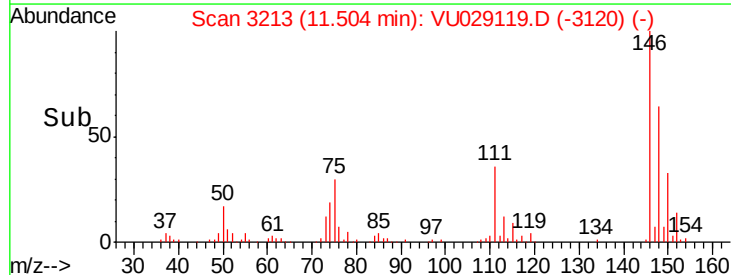
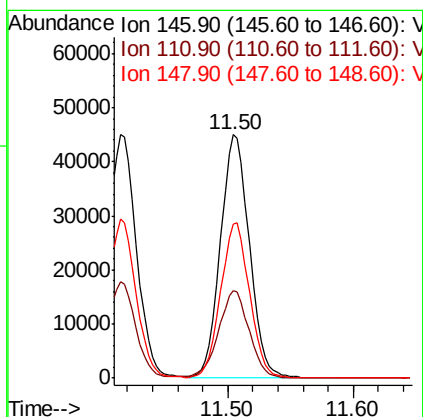
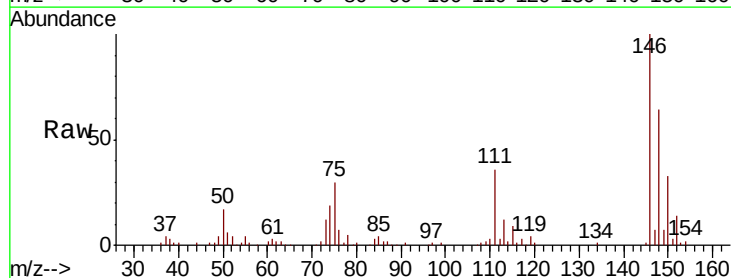
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

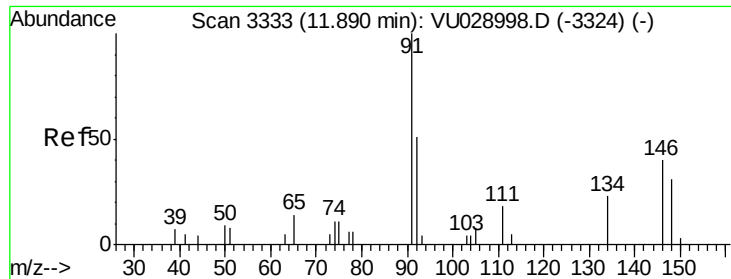
Tgt Ion:146 Resp: 71416
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.3 57.8
 148 63.6 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.168 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion:146 Resp: 72211
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.3
 148 63.3 32.6 98.0





#89

n-Butylbenzene

Concen: 20.593 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VU029119.D

Acq: 10 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBSD01

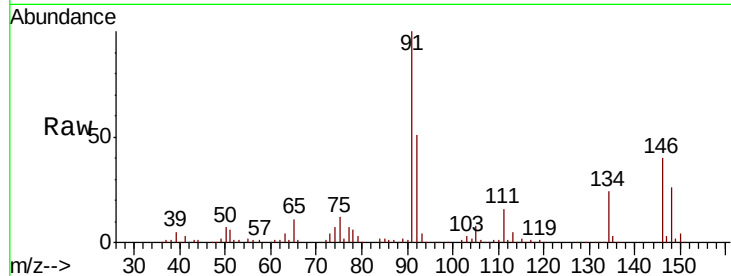
Tgt Ion: 91 Resp: 119037

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.5

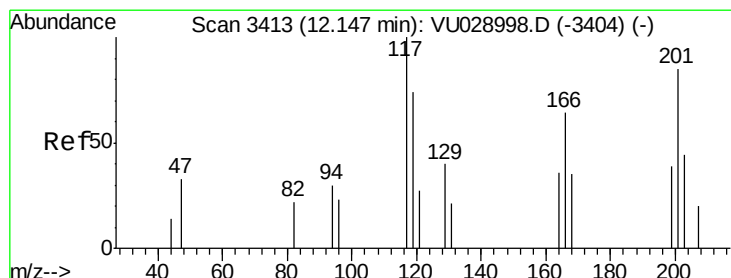
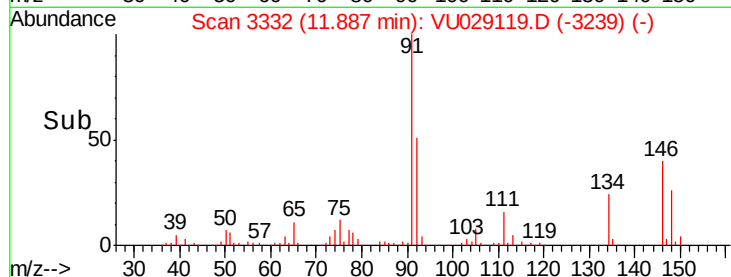
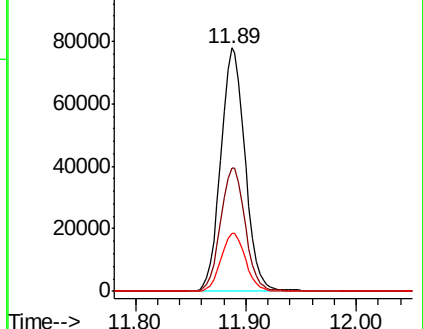
134 24.1 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-3324) (-)

Ion 92.00 (91.70 to 92.70): VU028998.D (-3324) (-)

Ion 134.00 (133.70 to 134.70): VU028998.D (-3324) (-)



#90

Hexachloroethane

Concen: 18.788 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VU029119.D

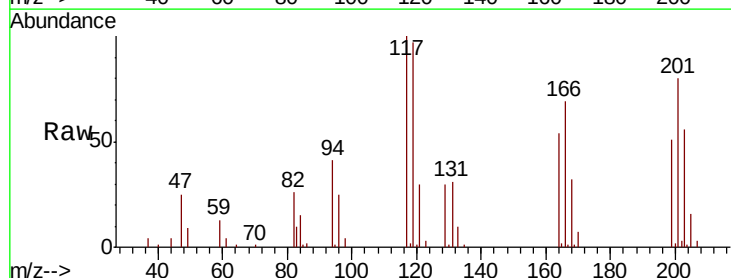
Acq: 10 Jan 2019 15:28

Tgt Ion: 117 Resp: 20470

Ion Ratio Lower Upper

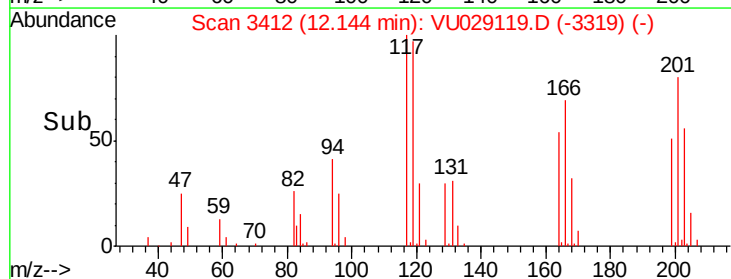
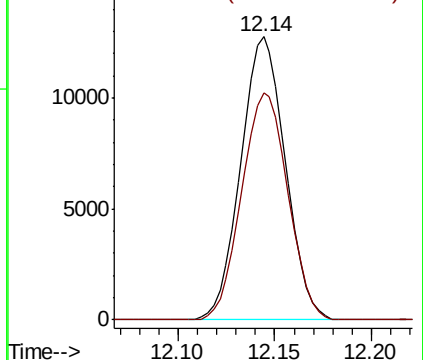
117 100

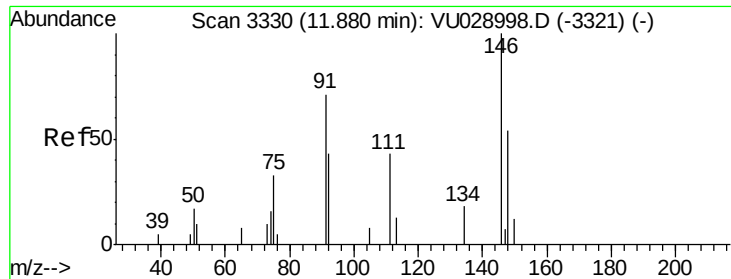
201 82.9 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VU028998.D (-3404) (-)

Ion 200.70 (200.40 to 201.40): VU028998.D (-3404) (-)

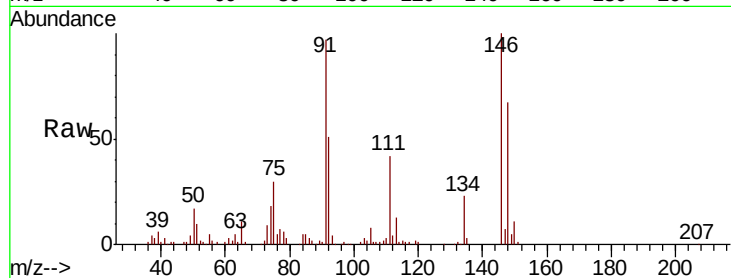




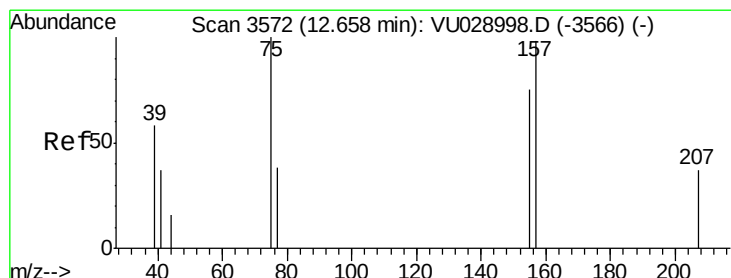
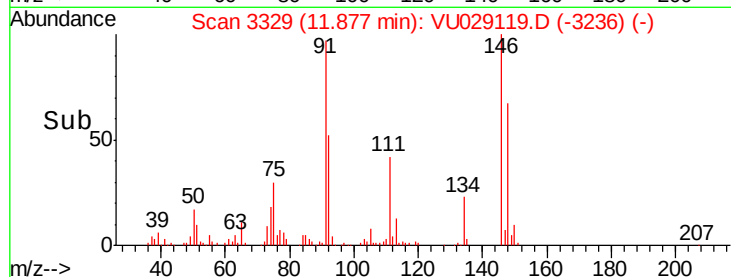
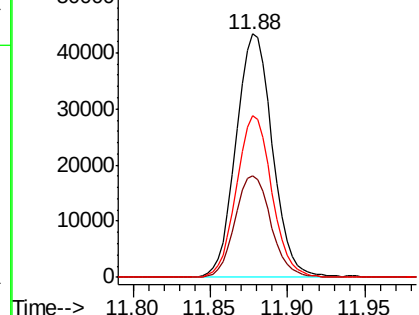
#91
 1,2-Dichlorobenzene
 Concen: 19.248 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

Tgt Ion:146 Resp: 70757
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.0 59.9
 148 64.7 31.6 94.8

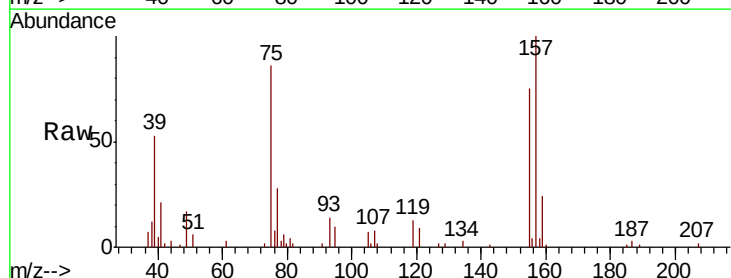


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

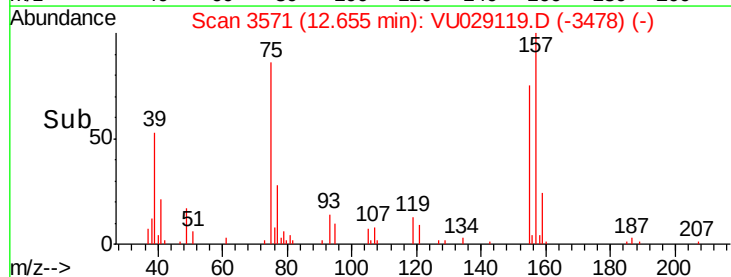
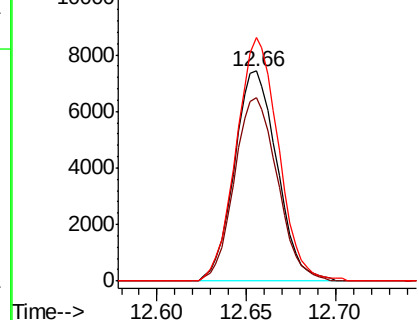


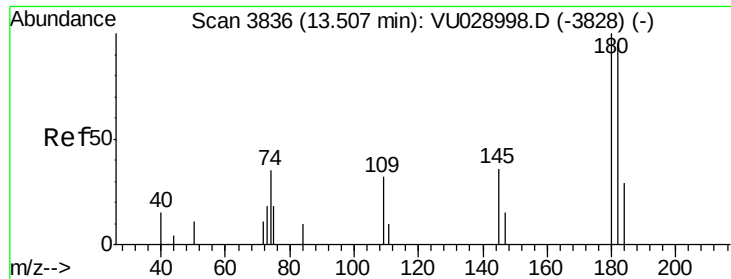
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.031 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion: 75 Resp: 12378
 Ion Ratio Lower Upper
 75 100
 155 87.7 46.3 138.8
 157 114.2 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

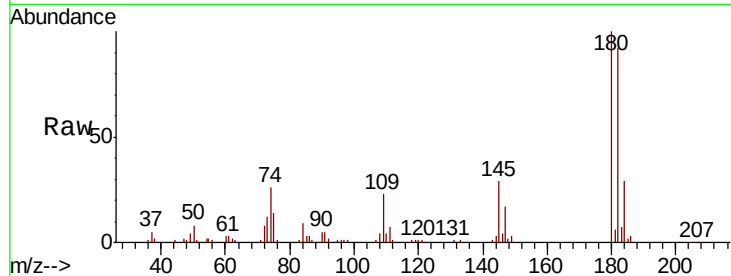




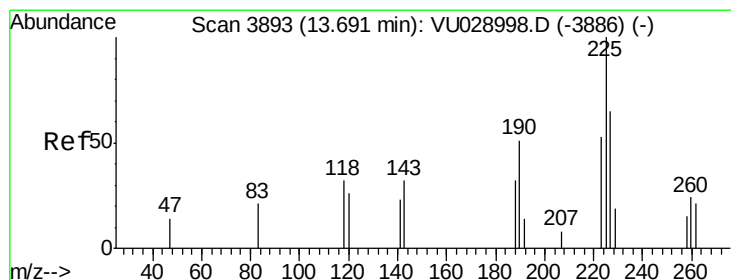
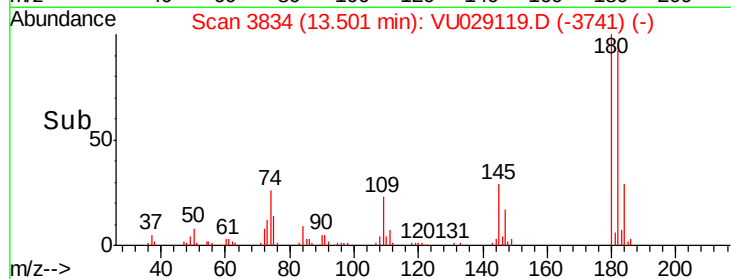
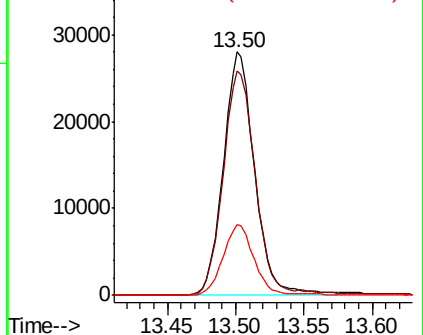
#93
 1,2,4-Trichlorobenzene
 Concen: 18.991 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBSD01

Tgt Ion:180 Resp: 44563
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.5 142.6
 145 28.8 14.0 42.0

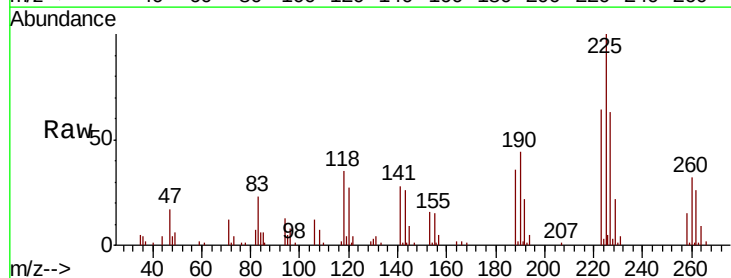


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

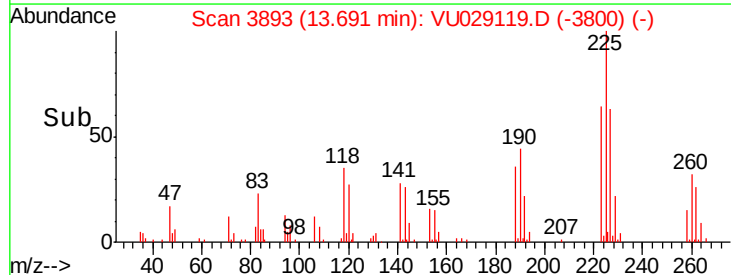
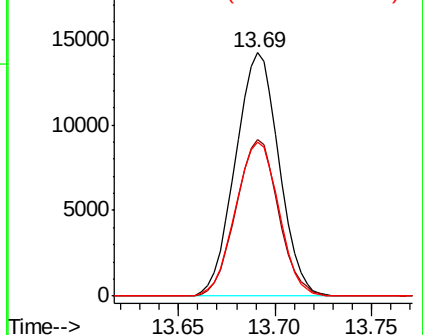


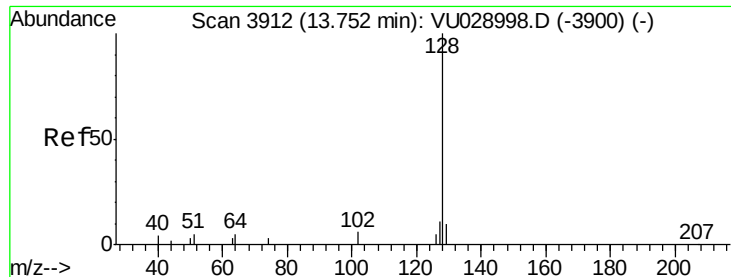
#94
 Hexachlorobutadiene
 Concen: 20.774 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU029119.D
 Acq: 10 Jan 2019 15:28

Tgt Ion:225 Resp: 22297
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 62.8 31.9 95.5



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

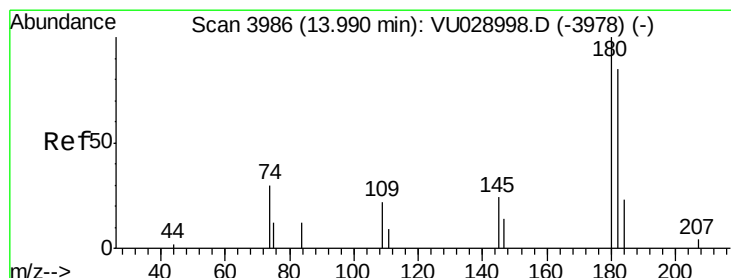
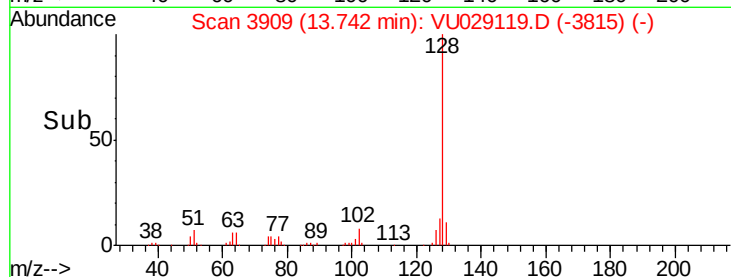
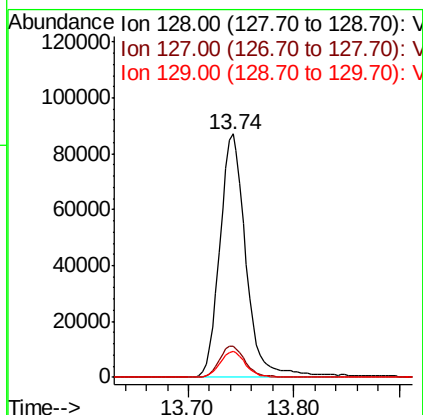
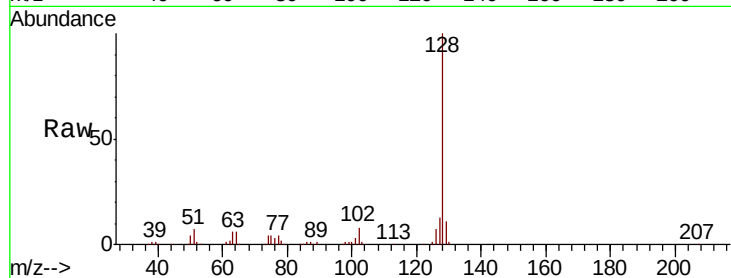




#95
Naphthalene
Concen: 18.751 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
VU0110MBS01

Tgt Ion:128 Resp: 149680
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.2 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.842 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029119.D
Acq: 10 Jan 2019 15:28

Tgt Ion:180 Resp: 46785
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.3
145 30.0 14.8 44.4

