

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU029000.D
 Acq On : 03 Jan 2019 16:18
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

Quant Time: Jan 04 02:27:29 2019
 Quant Method : Z:\VOASRV\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	135532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	221048	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	205542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	105083	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	82377	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	4.88	113	71605	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	7.56	98	281076	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	10.30	95	101299	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	65254	48.549	ug/l	100
3) Chloromethane	1.33	50	101065	47.069	ug/l	98
4) Vinyl Chloride	1.40	62	94898	47.911	ug/l	98
5) Bromomethane	1.60	94	54803	54.063	ug/l	99
6) Chloroethane	1.68	64	56592	47.967	ug/l	100
7) Trichlorofluoromethane	1.88	101	102492	47.487	ug/l	98
8) Diethyl Ether	2.10	74	49189	47.438	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	70730	48.977	ug/l	98
10) Methyl Iodide	2.40	142	69499	51.182	ug/l	100
11) Tert butyl alcohol	2.83	59	98548	231.403	ug/l	99
12) 1,1-Dichloroethene	2.28	96	70121	49.885	ug/l	96
13) Acrolein	2.19	56	71246	222.794	ug/l	99
14) Allyl chloride	2.59	41	129601	50.250	ug/l	100
15) Acrylonitrile	2.93	53	252125	241.312	ug/l	100
16) Acetone	2.32	43	243111	230.336	ug/l	100
17) Carbon Disulfide	2.47	76	223932	48.087	ug/l	99
18) Methyl Acetate	2.61	43	115772	47.174	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	238054	48.170	ug/l	99
20) Methylene Chloride	2.70	84	84147	46.957	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	77142	47.236	ug/l	98
22) Diisopropyl ether	3.57	45	249541	48.955	ug/l	98
23) Vinyl Acetate	3.52	43	1045465	250.884	ug/l	99
24) 1,1-Dichloroethane	3.44	63	143165	48.653	ug/l	99
25) 2-Butanone	4.26	43	350204	245.661	ug/l	100
26) 2,2-Dichloropropane	4.22	77	117462	49.402	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	88532	49.565	ug/l	99
28) Bromochloromethane	4.55	49	61427	48.752	ug/l	99
29) Tetrahydrofuran	4.63	42	209255	242.019	ug/l	99
30) Chloroform	4.67	83	136340	48.645	ug/l	100
31) Cyclohexane	4.99	56	138225	49.756	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	110081	47.534	ug/l	98
36) 1,1-Dichloropropene	5.13	75	105816	47.892	ug/l	99
37) Ethyl Acetate	4.38	43	118629	48.914	ug/l	99
38) Carbon Tetrachloride	5.13	117	90853	49.301	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	134244	49.422	ug/l	99
40) Benzene	5.39	78	334522	48.538	ug/l	99
41) Methacrylonitrile	4.54	41	66583	51.289	ug/l	98
42) 1,2-Dichloroethane	5.40	62	103296	49.878	ug/l	100
43) Isopropyl Acetate	5.55	43	188653	50.709	ug/l	99
44) Trichloroethene	6.18	130	81682	47.833	ug/l	96
45) 1,2-Dichloropropane	6.43	63	88349	48.543	ug/l	100
46) Dibromomethane	6.56	93	56080	48.201	ug/l	99
47) Bromodichloromethane	6.76	83	106034	49.499	ug/l	99
48) Methyl methacrylate	6.62	41	92931	51.300	ug/l	99
49) 1,4-Dioxane	6.61	88	41187	959.392	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	621584	245.501	ug/l	99
52) Toluene	7.64	92	204149	48.657	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	124948	48.556	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	136359	49.040	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	81546	48.515	ug/l	98
56) Ethyl methacrylate	8.02	69	131524	50.791	ug/l	99
57) 1,3-Dichloropropane	8.24	76	142199	49.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	297259	261.025	ug/l	100
59) 2-Hexanone	8.36	43	494625	248.874	ug/l	100
60) Dibromochloromethane	8.48	129	80699	48.461	ug/l	99
61) 1,2-Dibromoethane	8.58	107	87912	48.225	ug/l	98
64) Tetrachloroethene	8.22	164	73785	49.834	ug/l	96
65) Chlorobenzene	9.12	112	221799	48.141	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	75170	50.275	ug/l	98
67) Ethyl Benzene	9.25	91	385935	50.173	ug/l	99
68) m/p-Xylenes	9.37	106	299480	100.202	ug/l	99
69) o-Xylene	9.78	106	145420	50.497	ug/l	99
70) Styrene	9.79	104	240833	51.014	ug/l	100
71) Bromoform	9.96	173	66329	49.822	ug/l #	99
73) Isopropylbenzene	10.16	105	380265	48.890	ug/l	99
74) N-amyl acetate	10.01	43	168388	50.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	147294	47.250	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	167901	65.212	ug/l	83
77) Bromobenzene	10.45	156	97645	48.174	ug/l	99
78) n-propylbenzene	10.58	91	454466	49.581	ug/l	100
79) 2-Chlorotoluene	10.66	91	264887	47.639	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	319059	49.122	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	167901	168.185	ug/l #	100
82) 4-Chlorotoluene	10.77	91	305823	47.966	ug/l	100
83) tert-Butylbenzene	11.10	119	311192	48.610	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	327466	50.497	ug/l	100
85) sec-Butylbenzene	11.32	105	382962	49.463	ug/l	99
86) p-Isopropyltoluene	11.47	119	333509	50.551	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	177294	47.687	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	176734	46.052	ug/l	99
89) n-Butylbenzene	11.89	91	305521	51.885	ug/l	99
90) Hexachloroethane	12.14	117	51366	46.281	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	176037	47.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	29391	49.020	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration

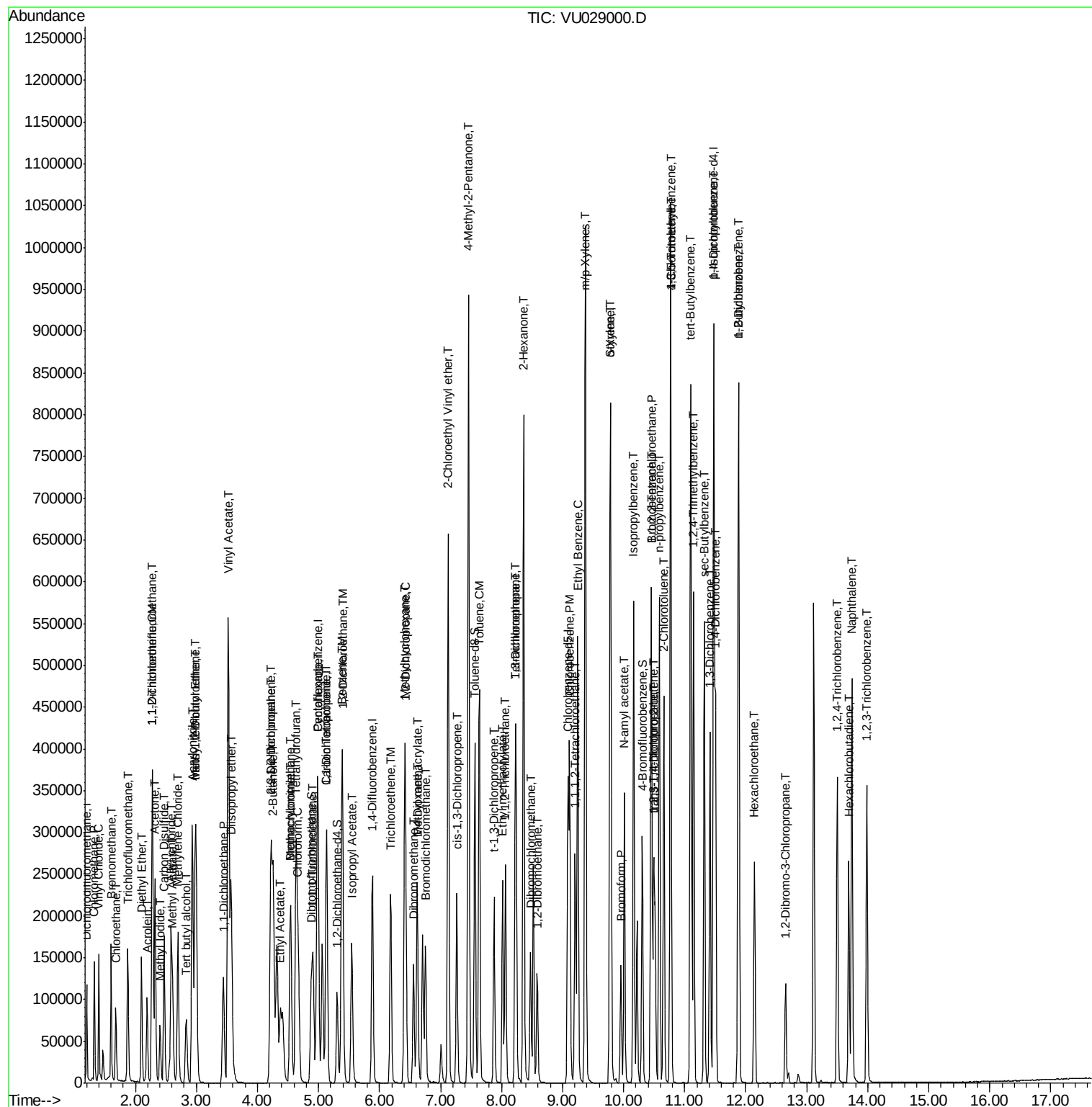
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	118912	49.745	ug/l	100
94) Hexachlorobutadiene	13.69	225	53252	48.704	ug/l	99
95) Naphthalene	13.74	128	391492	48.143	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	119028	48.394	ug/l	100

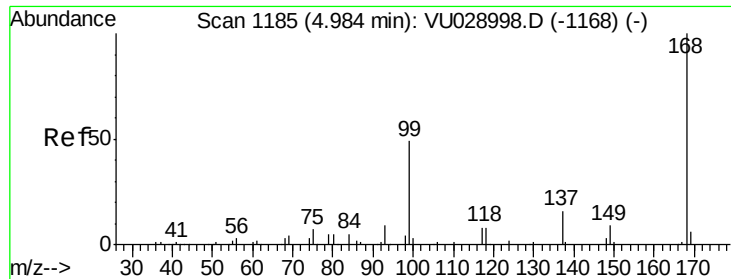
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

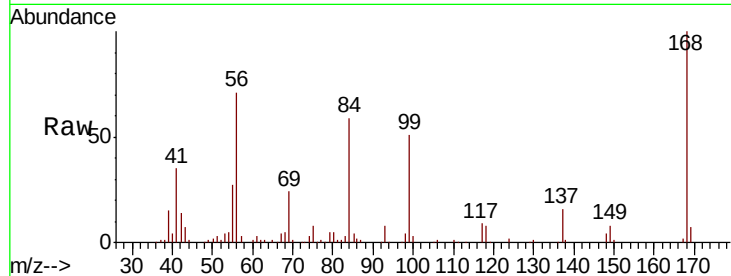
ICVVU010319

Tgt Ion:168 Resp: 135532

Ion Ratio Lower Upper

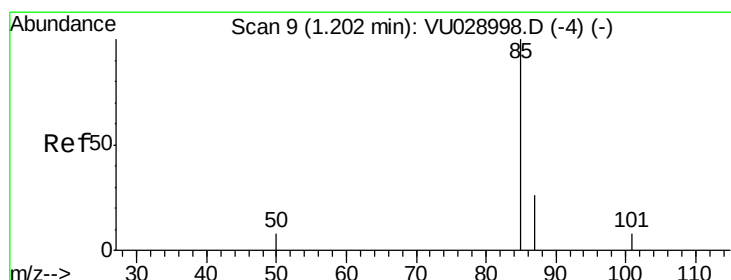
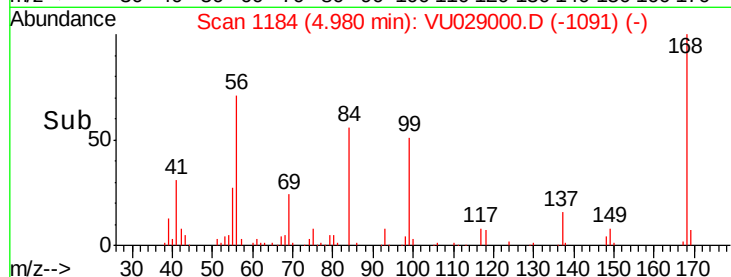
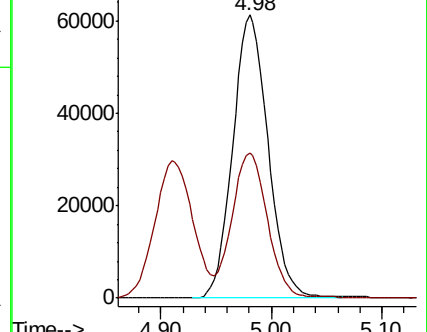
168 100

99 51.1 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) (-)



#2

Dichlorodifluoromethane

Concen: 48.549 ug/l

RT: 1.20 min Scan# 9

Delta R.T. -0.00 min

Lab File: VU029000.D

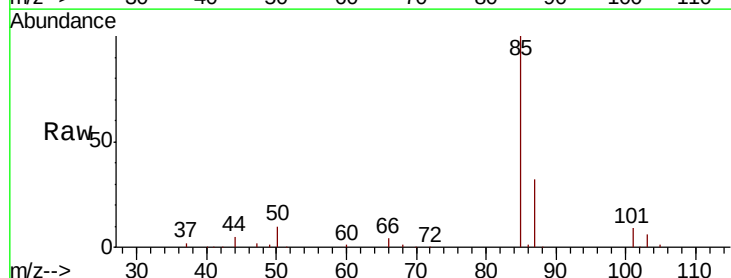
Acq: 03 Jan 2019 16:18

Tgt Ion: 85 Resp: 65254

Ion Ratio Lower Upper

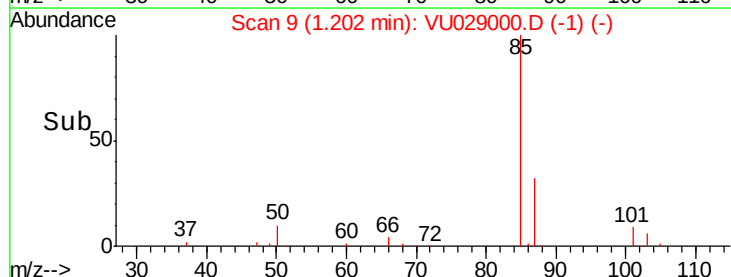
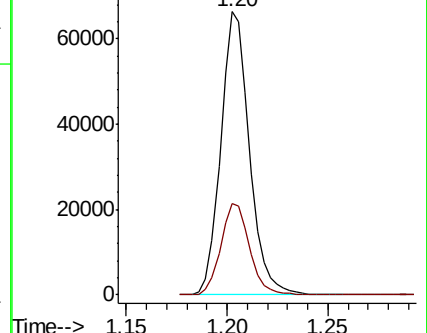
85 100

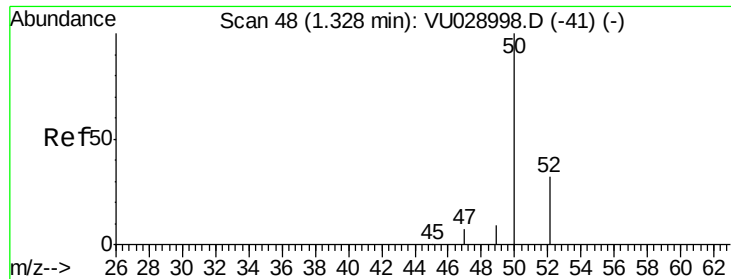
87 32.5 16.3 48.8



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

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





#3

Chloromethane

Concen: 47.069 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

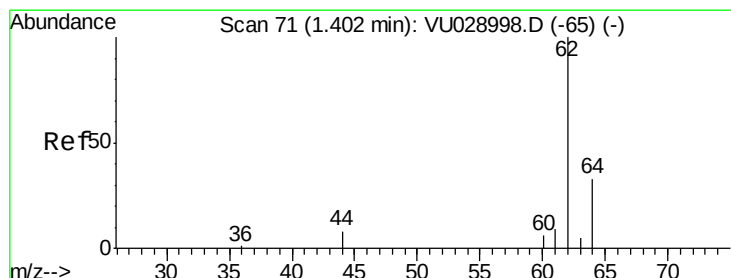
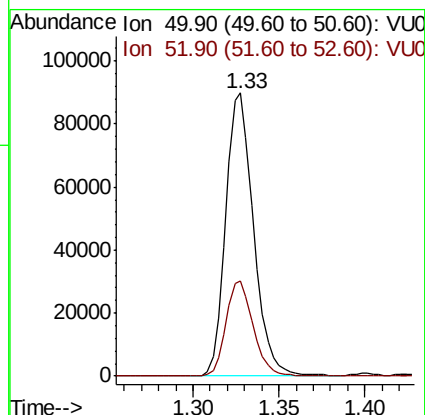
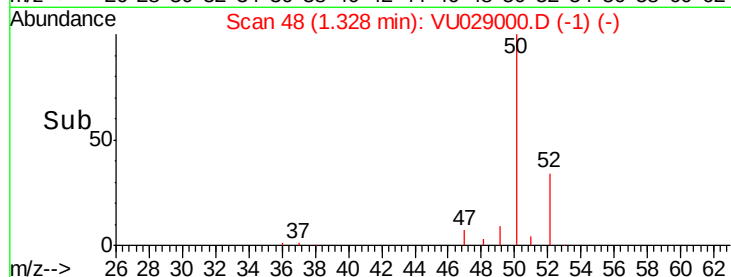
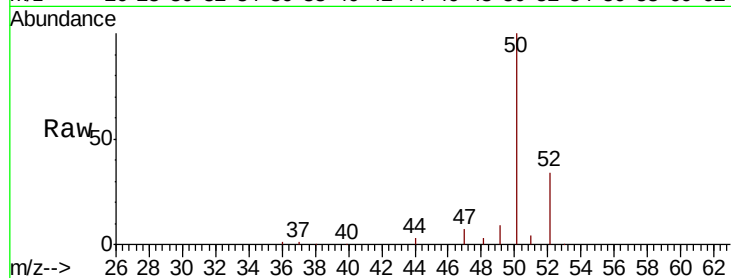
ICVVU010319

Tgt Ion: 50 Resp: 101065

Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1



#4

Vinyl Chloride

Concen: 47.911 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU029000.D

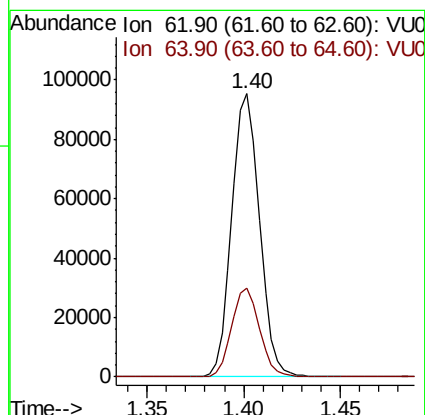
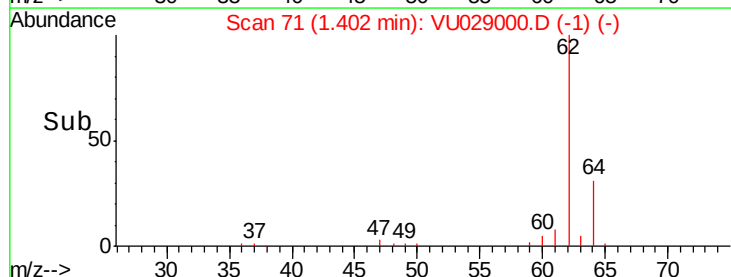
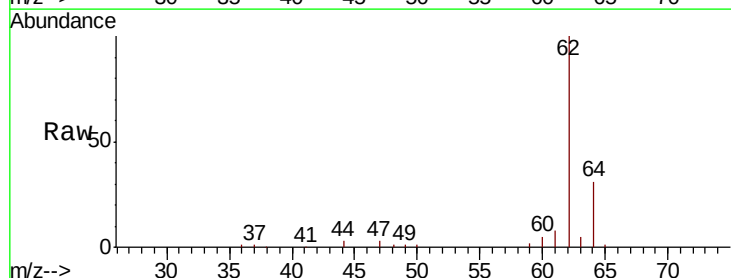
Acq: 03 Jan 2019 16:18

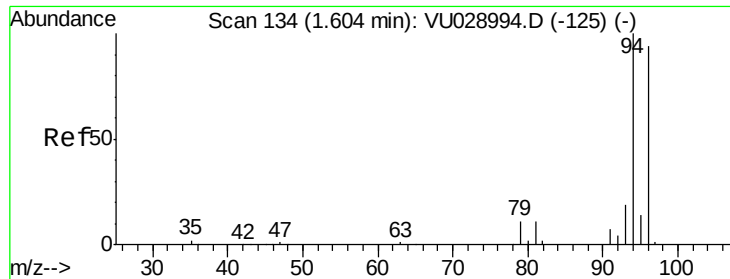
Tgt Ion: 62 Resp: 94898

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 54.063 ug/l

RT: 1.60 min Scan# 134

Delta R.T. 0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

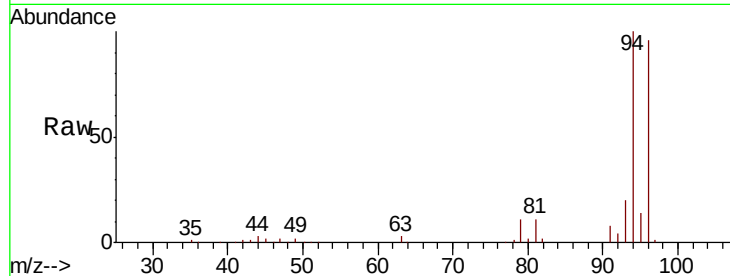
ICVVU010319

Tgt Ion: 94 Resp: 54803

Ion Ratio Lower Upper

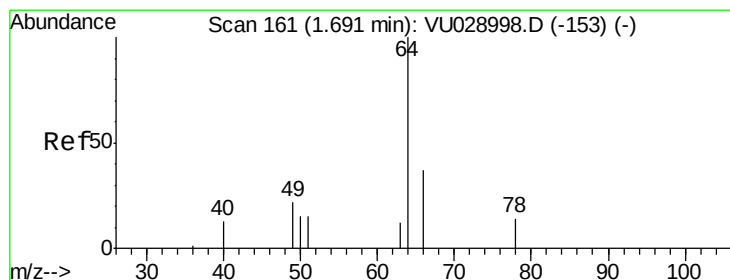
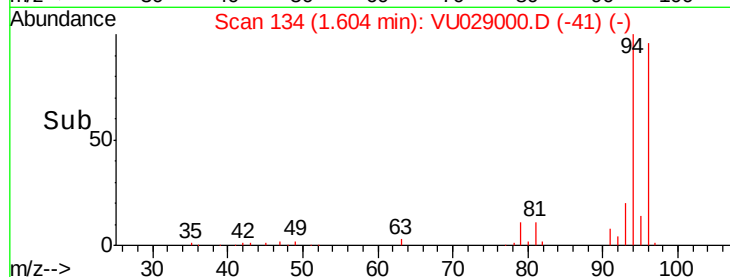
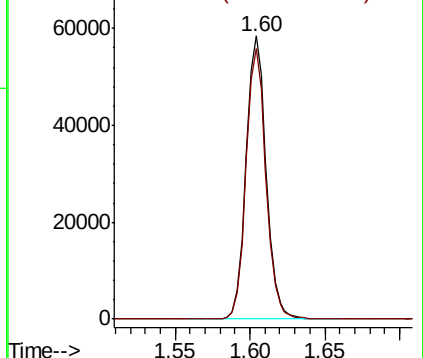
94 100

96 95.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 47.967 ug/l

RT: 1.68 min Scan# 158

Delta R.T. -0.00 min

Lab File: VU029000.D

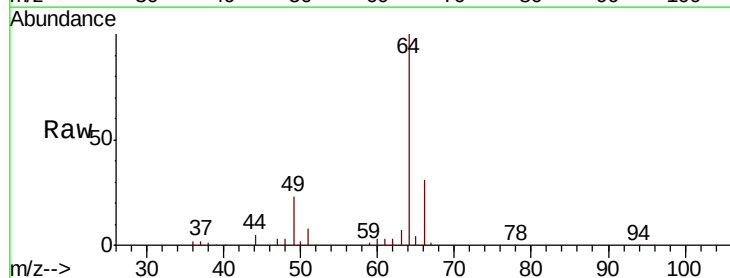
Acq: 03 Jan 2019 16:18

Tgt Ion: 64 Resp: 56592

Ion Ratio Lower Upper

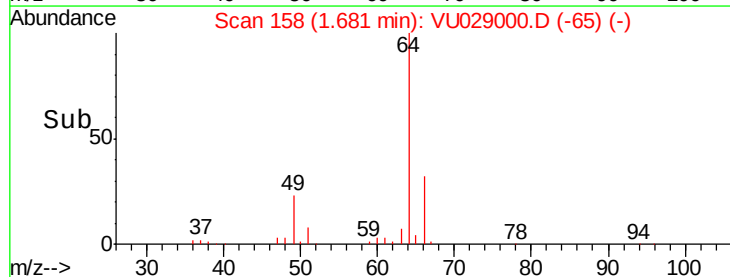
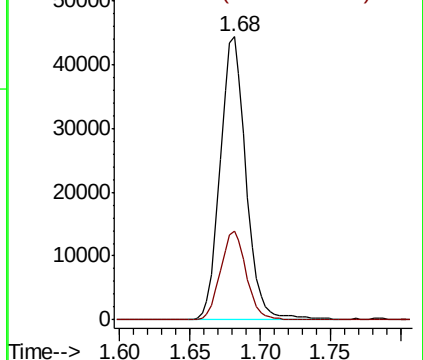
64 100

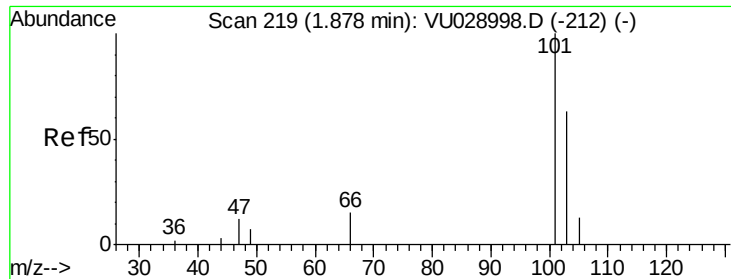
66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



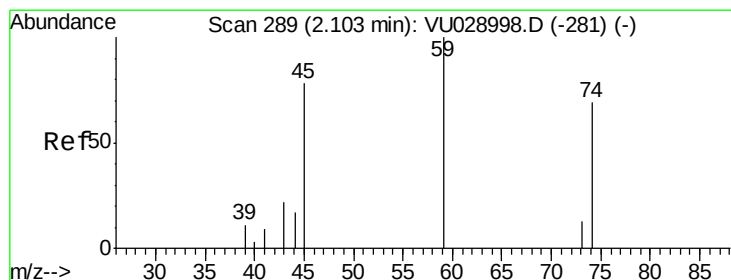
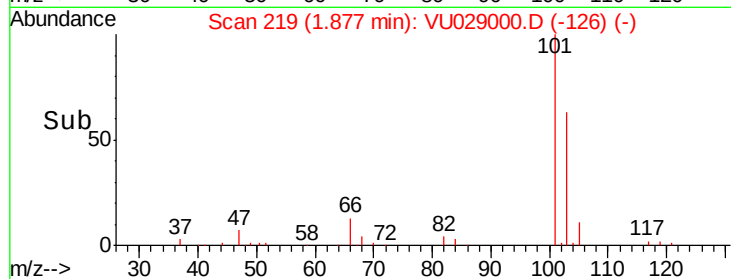
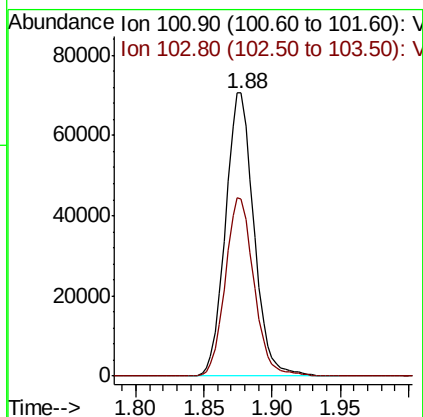
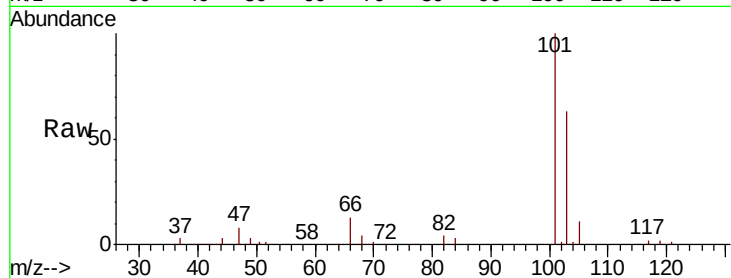


#7

Trichlorofluoromethane
 Concen: 47.487 ug/l
 RT: 1.88 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VU029000.D
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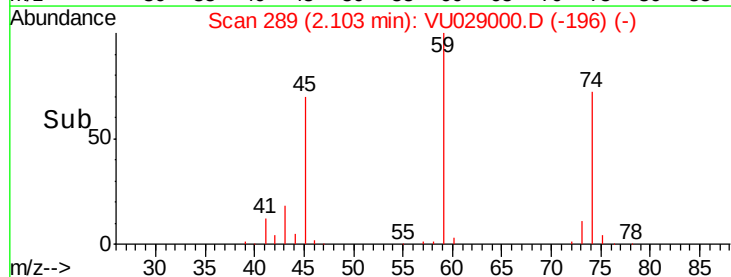
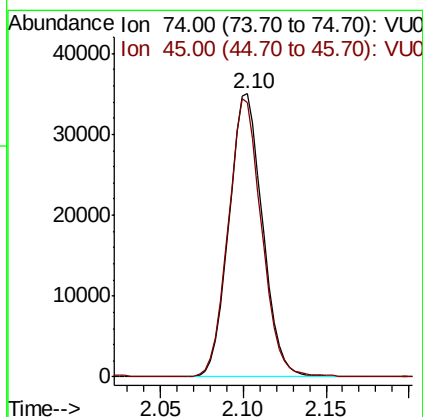
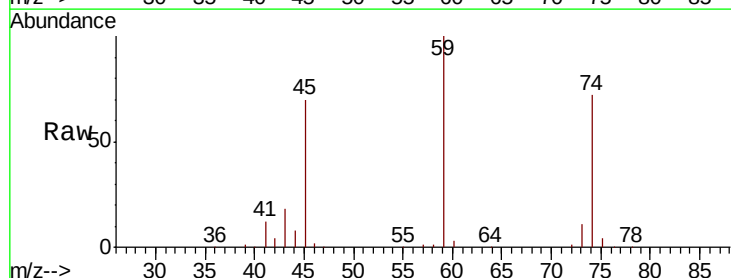
Tgt Ion: 101 Resp: 102492
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.5 77.3

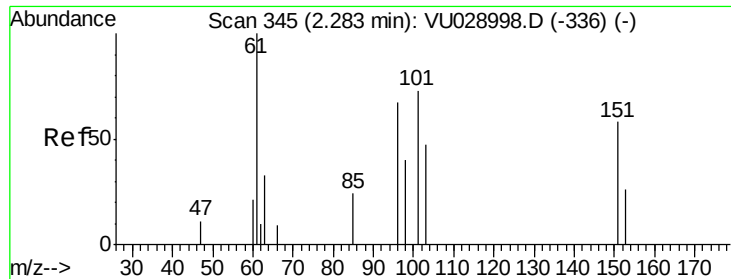


#8

Diethyl Ether
 Concen: 47.438 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion: 74 Resp: 49189
 Ion Ratio Lower Upper
 74 100
 45 97.9 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.977 ug/l

RT: 2.28 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU029000.D

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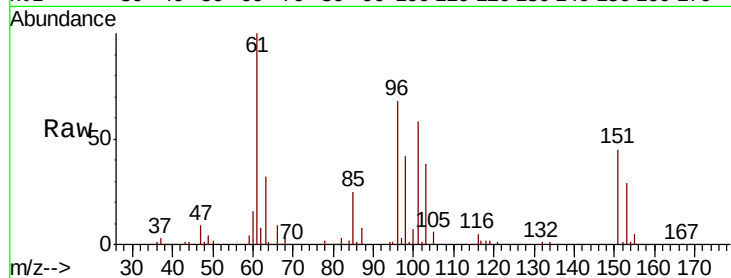
Tgt Ion:101 Resp: 70730

Ion Ratio Lower Upper

101 100

85 41.6 35.1 52.7

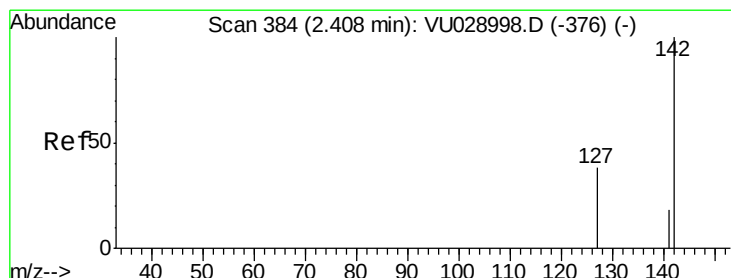
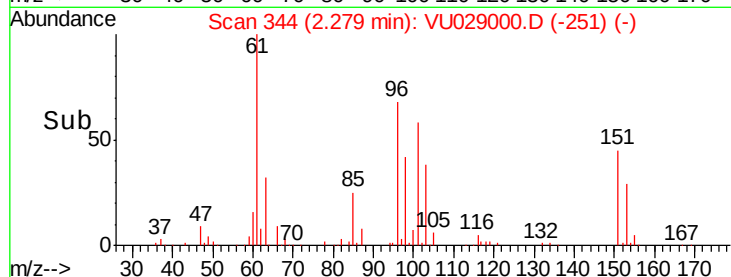
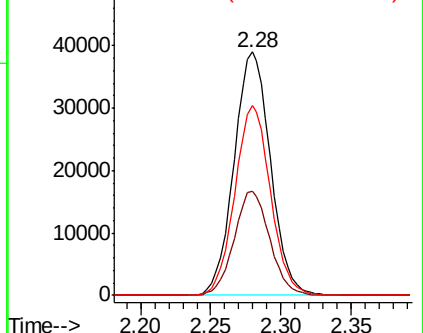
151 76.0 60.2 90.2



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: 51.182 ug/l

RT: 2.40 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

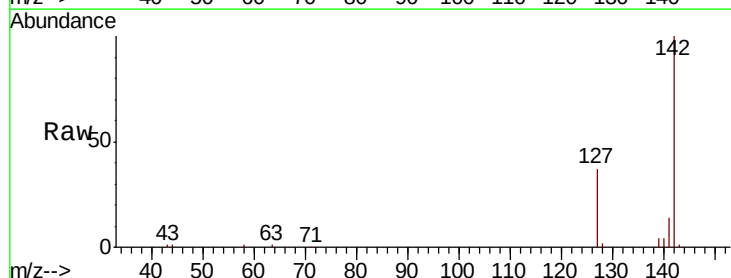
Tgt Ion:142 Resp: 69499

Ion Ratio Lower Upper

142 100

127 37.2 29.8 44.6

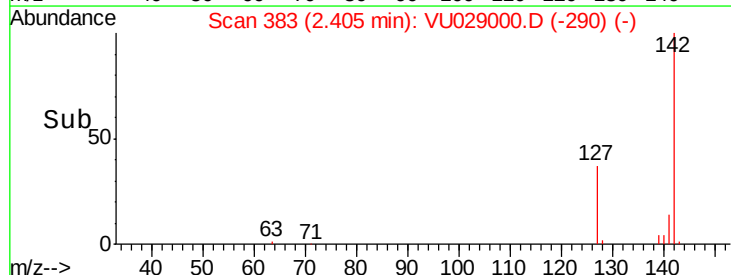
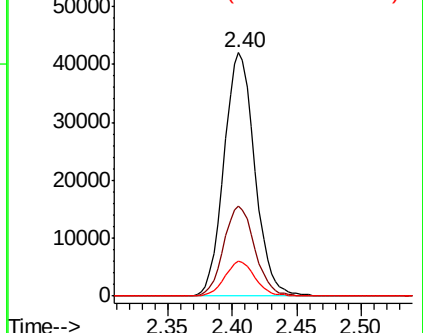
141 14.0 11.5 17.3

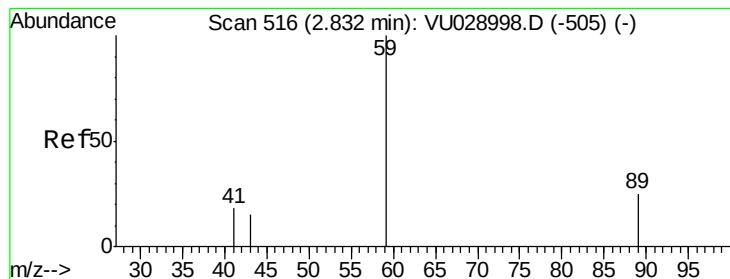


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 231.403 ug/l

RT: 2.83 min Scan# 516

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

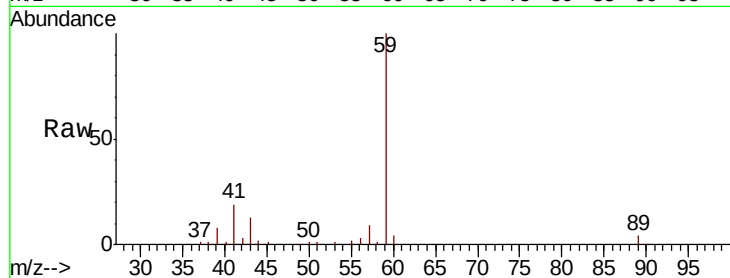
ICVVU010319

Tgt Ion: 59 Resp: 98548

Ion Ratio Lower Upper

59 100

57 9.4 7.9 11.9

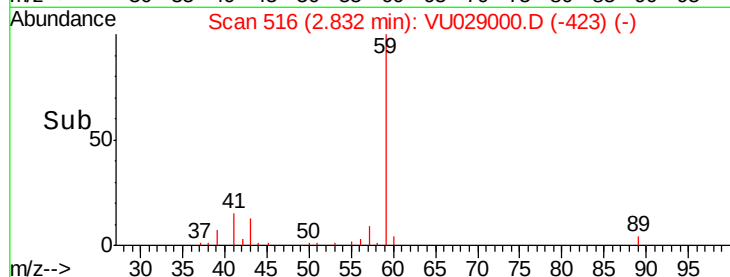


Abundance Ion 59.00 (58.70 to 59.70): VU028998.D (-505) (-)

Ion 57.00 (56.70 to 57.70): VU028998.D (-505) (-)

2.83

Time-->

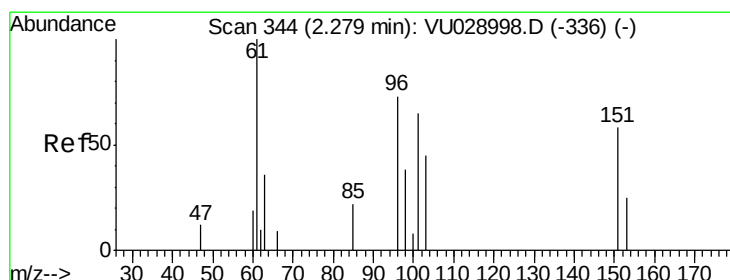


Abundance Ion 59.00 (58.70 to 59.70): VU029000.D (-423) (-)

Ion 57.00 (56.70 to 57.70): VU029000.D (-423) (-)

2.83

Time-->



#12

1,1-Dichloroethene

Concen: 49.885 ug/l

RT: 2.28 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

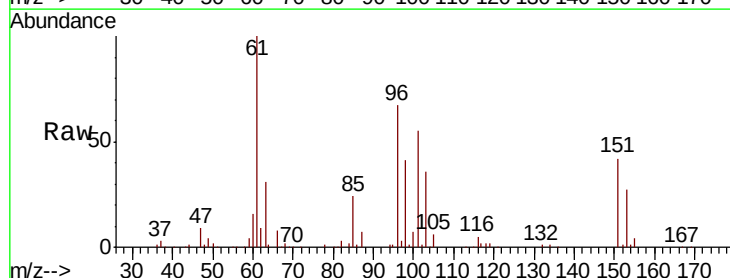
Tgt Ion: 96 Resp: 70121

Ion Ratio Lower Upper

96 100

61 149.1 125.4 188.0

98 61.8 49.7 74.5



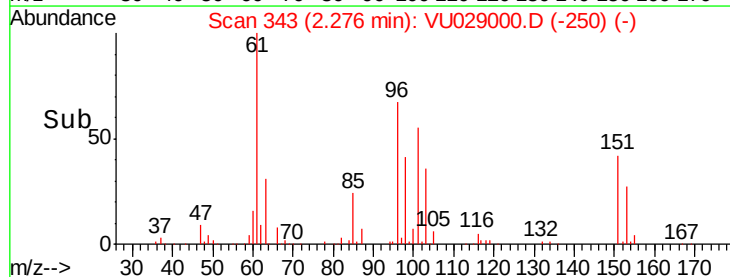
Abundance Ion 95.90 (95.60 to 96.60): VU028998.D (-336) (-)

Ion 60.90 (60.60 to 61.60): VU028998.D (-336) (-)

Ion 97.90 (97.60 to 98.60): VU028998.D (-336) (-)

2.28

Time-->



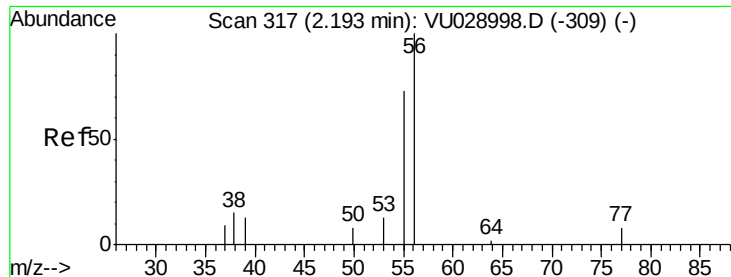
Abundance Ion 95.90 (95.60 to 96.60): VU029000.D (-250) (-)

Ion 60.90 (60.60 to 61.60): VU029000.D (-250) (-)

Ion 97.90 (97.60 to 98.60): VU029000.D (-250) (-)

2.28

Time-->



#13

Acrolein

Concen: 222.794 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

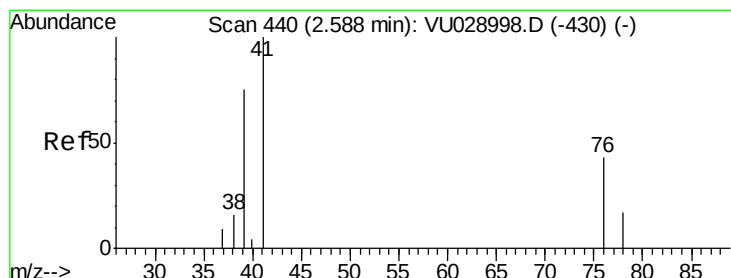
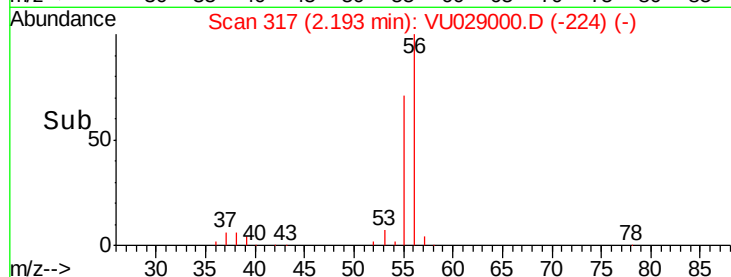
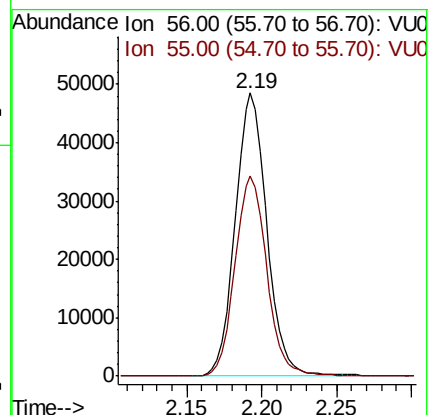
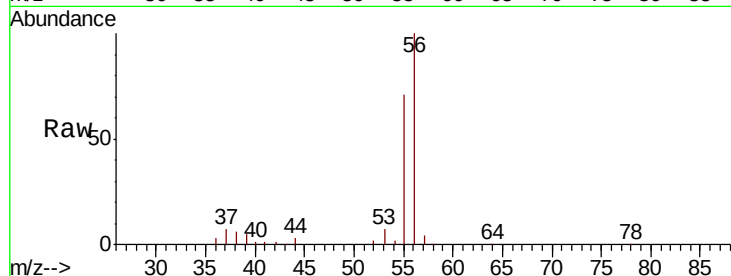
ICVVU010319

Tgt Ion: 56 Resp: 71246

Ion Ratio Lower Upper

56 100

55 71.6 56.5 84.7



#14

Allyl chloride

Concen: 50.250 ug/l

RT: 2.59 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

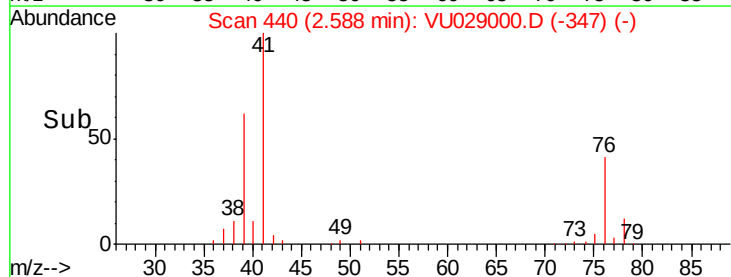
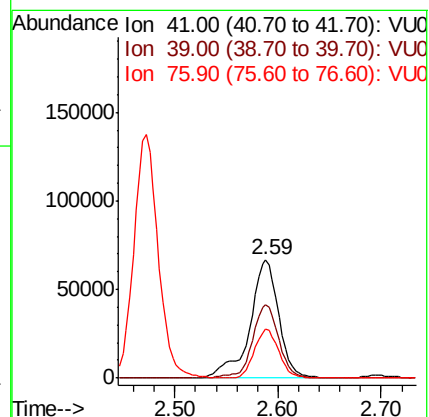
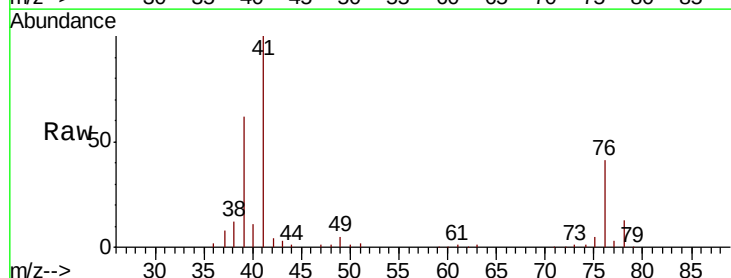
Tgt Ion: 41 Resp: 129601

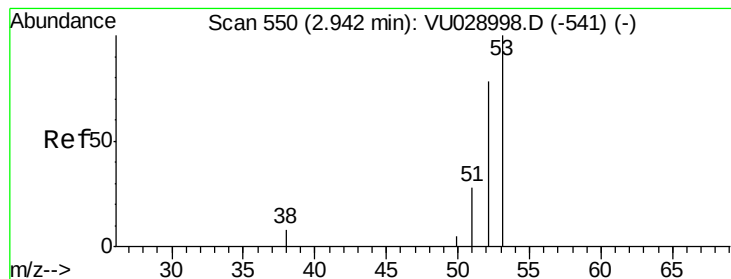
Ion Ratio Lower Upper

41 100

39 56.7 45.0 67.6

76 35.2 28.1 42.1





#15

Acrylonitrile

Concen: 241.312 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

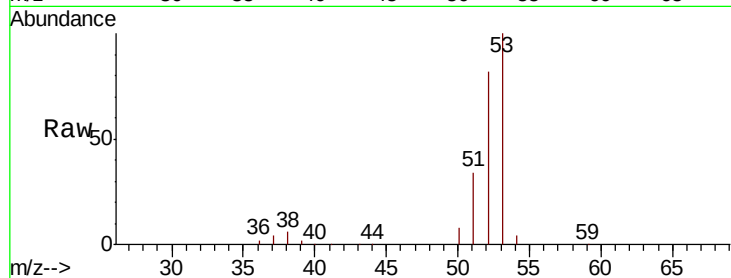
Tgt Ion: 53 Resp: 252125

Ion Ratio Lower Upper

53 100

52 80.9 64.8 97.2

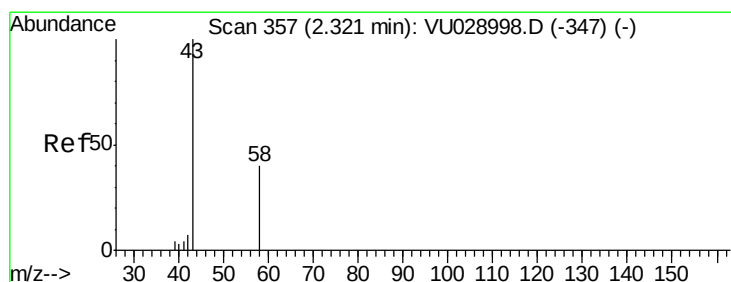
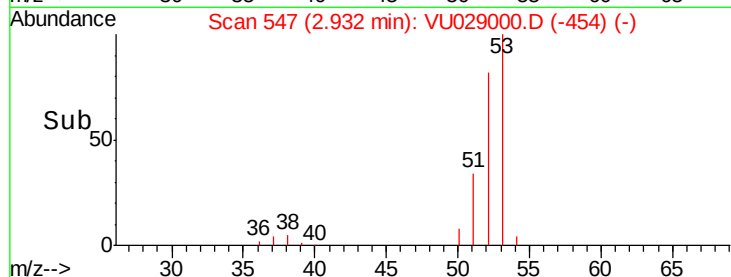
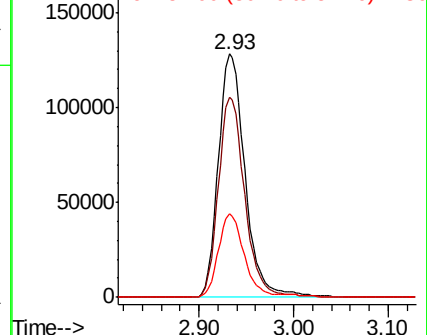
51 34.1 27.3 40.9



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: 230.336 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU029000.D

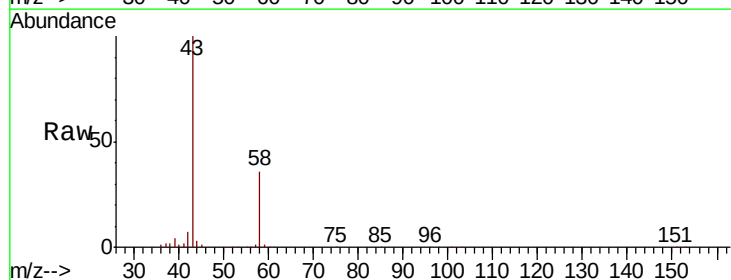
Acq: 03 Jan 2019 16:18

Tgt Ion: 43 Resp: 243111

Ion Ratio Lower Upper

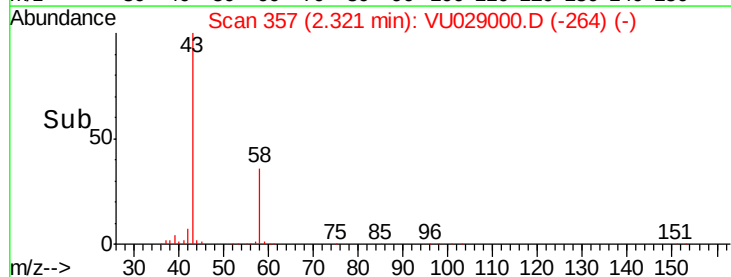
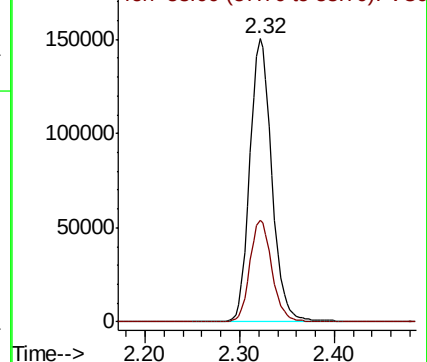
43 100

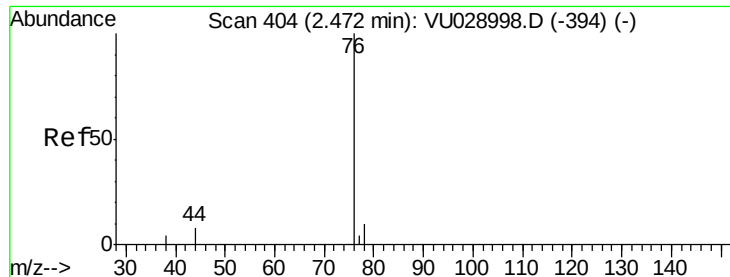
58 36.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

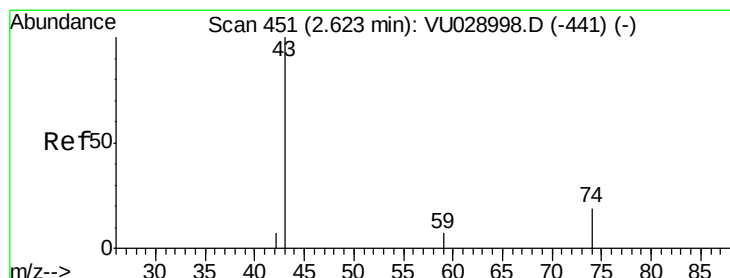
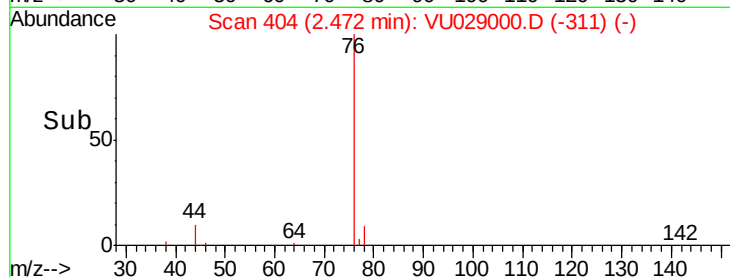
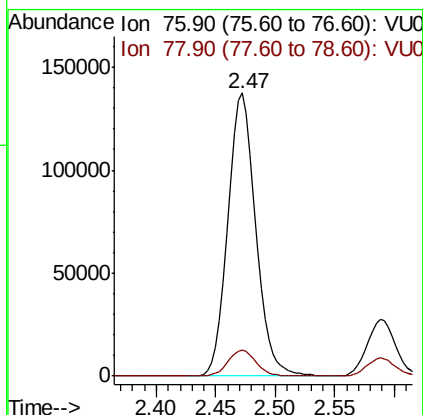
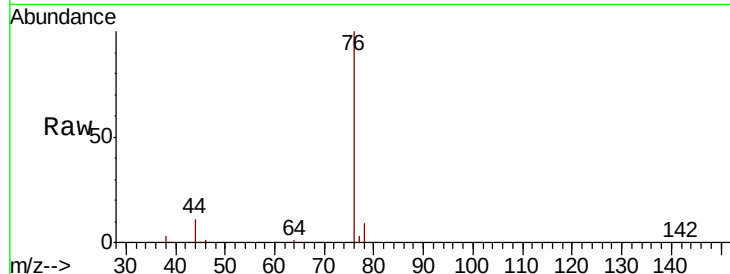




#17
Carbon Disulfide
Concen: 48.087 ug/l
RT: 2.47 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

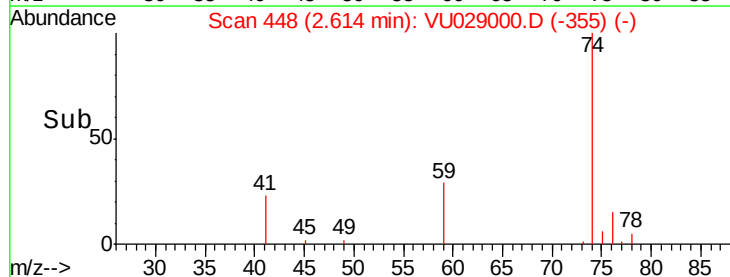
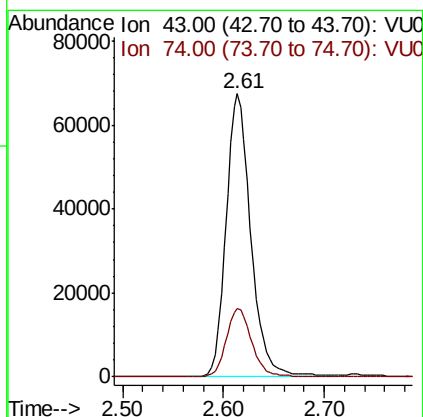
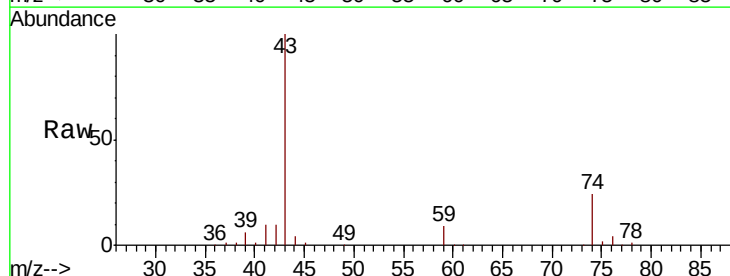
Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

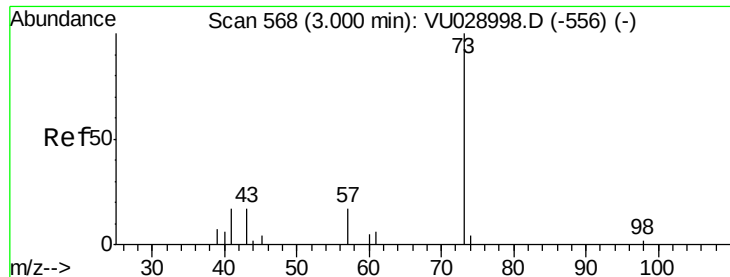
Tgt Ion: 76 Resp: 223932
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 47.174 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion: 43 Resp: 115772
Ion Ratio Lower Upper
43 100
74 24.9 19.5 29.3

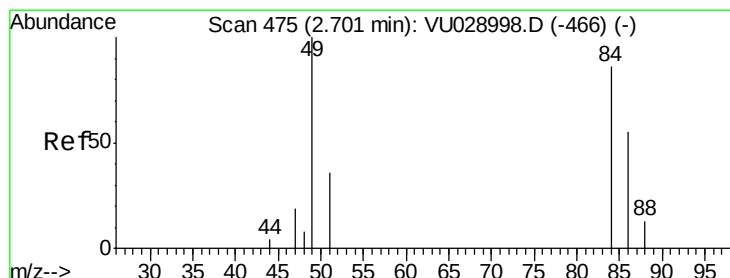
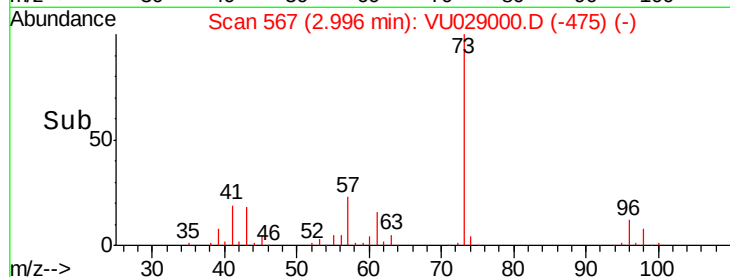
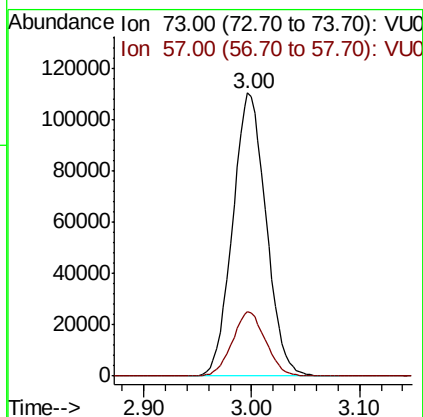
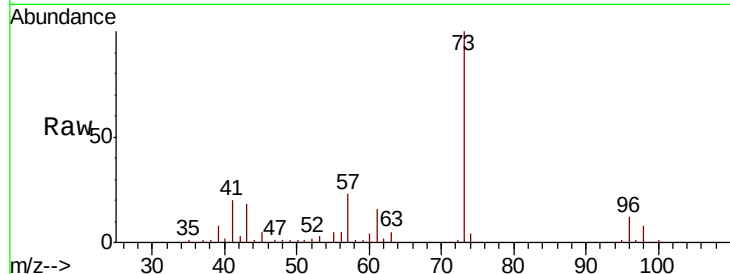




#19
Methyl tert-butyl Ether
Concen: 48.170 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

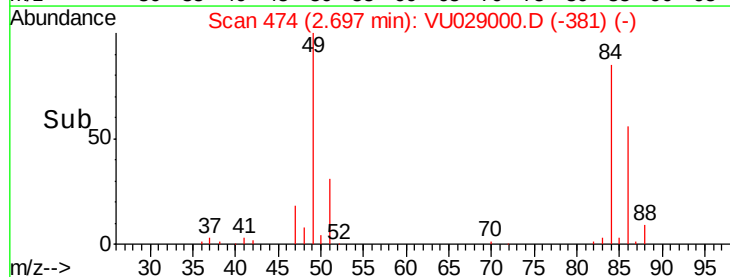
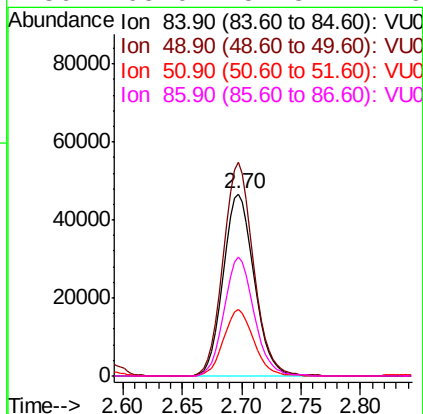
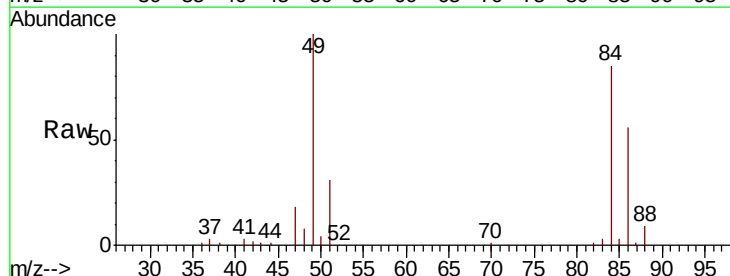
Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

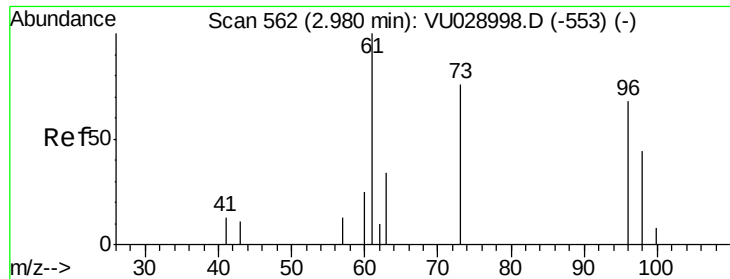
Tgt Ion: 73 Resp: 238054
Ion Ratio Lower Upper
73 100
57 23.0 18.6 28.0



#20
Methylene Chloride
Concen: 46.957 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion: 84 Resp: 84147
Ion Ratio Lower Upper
84 100
49 117.1 91.9 137.9
51 36.4 29.2 43.8
86 65.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.236 ug/l

RT: 2.98 min Scan# 561

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

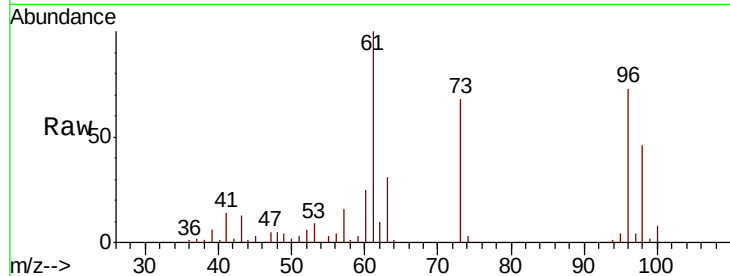
Tgt Ion: 96 Resp: 77142

Ion Ratio Lower Upper

96 100

61 137.2 107.7 161.5

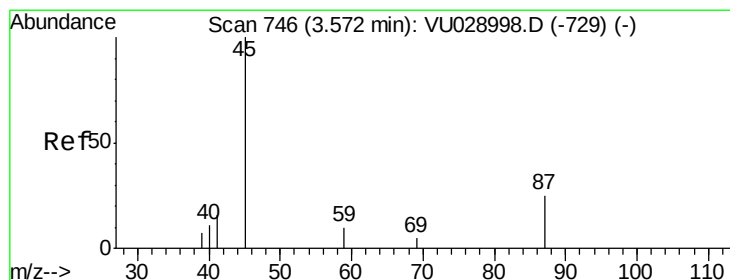
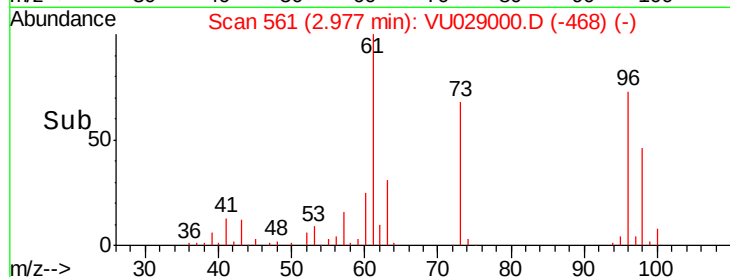
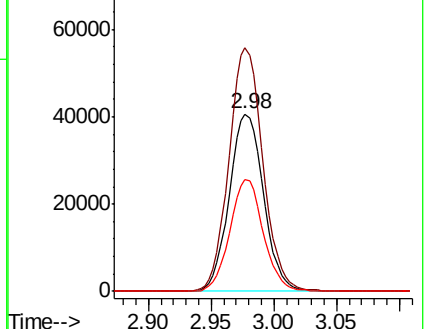
98 62.7 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VU028998.D (-553) (-)

Ion 60.90 (60.60 to 61.60): VU028998.D (-553) (-)

Ion 97.90 (97.60 to 98.60): VU028998.D (-553) (-)



#22

Diisopropyl ether

Concen: 48.955 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Tgt Ion: 45 Resp: 249541

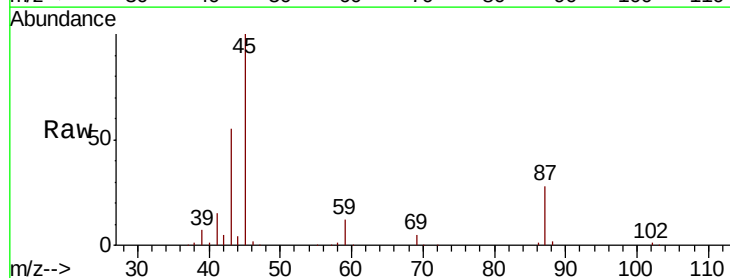
Ion Ratio Lower Upper

45 100

43 54.2 44.7 67.1

87 28.4 22.2 33.2

59 12.4 9.8 14.8

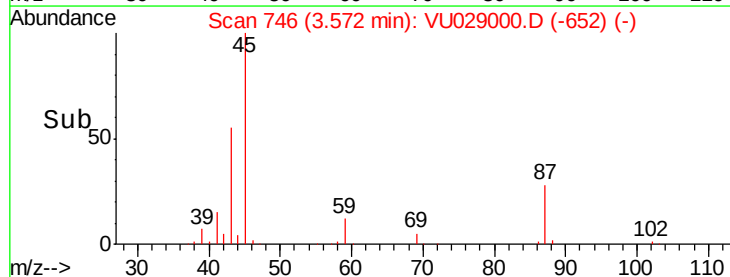
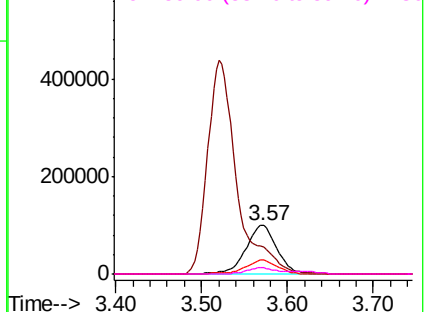


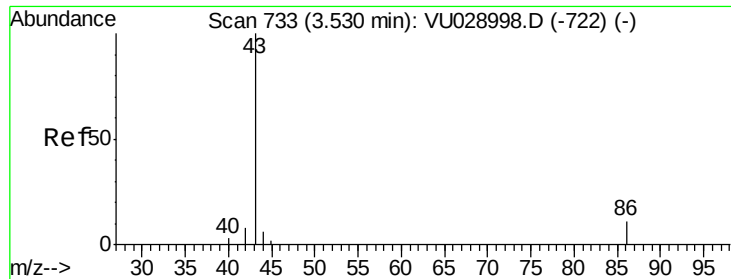
Abundance Ion 45.00 (44.70 to 45.70): VU028998.D (-729) (-)

Ion 43.00 (42.70 to 43.70): VU028998.D (-729) (-)

Ion 87.00 (86.70 to 87.70): VU028998.D (-729) (-)

Ion 59.00 (58.70 to 59.70): VU028998.D (-729) (-)





#23

Vinyl Acetate

Concen: 250.884 ug/l

RT: 3.52 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

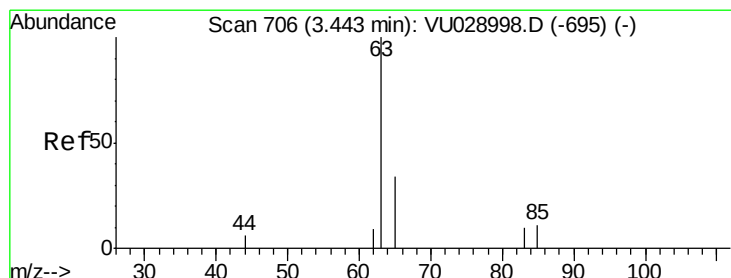
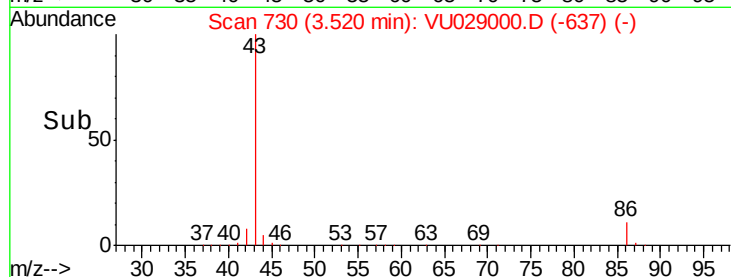
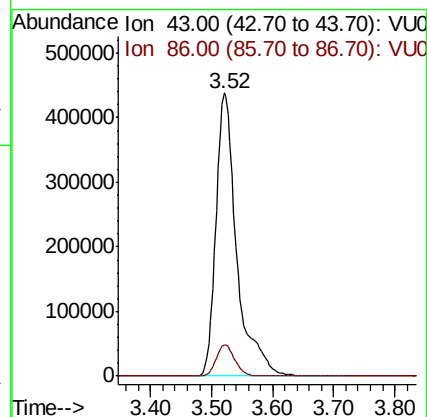
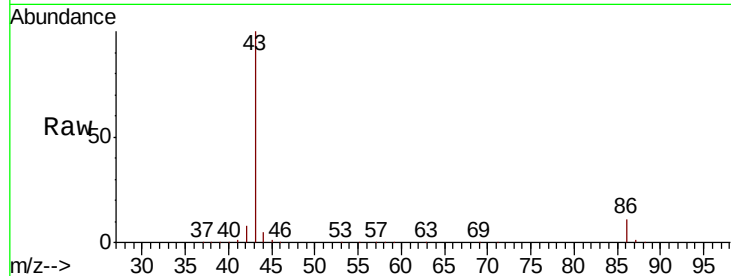
ICVVU010319

Tgt Ion: 43 Resp: 1045465

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.653 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

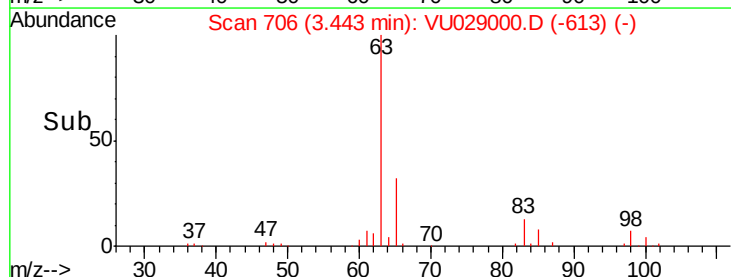
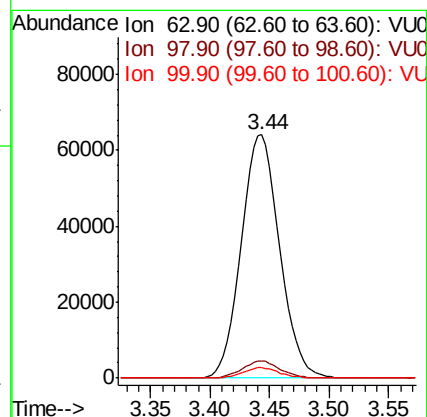
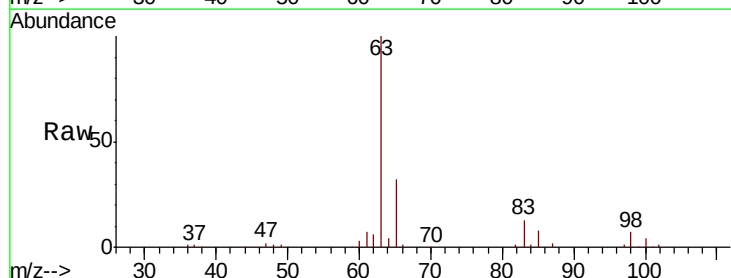
Tgt Ion: 63 Resp: 143165

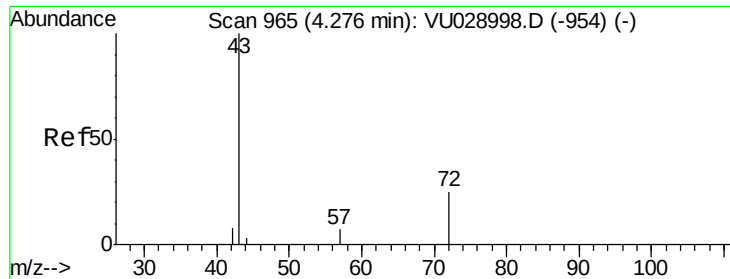
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 245.661 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

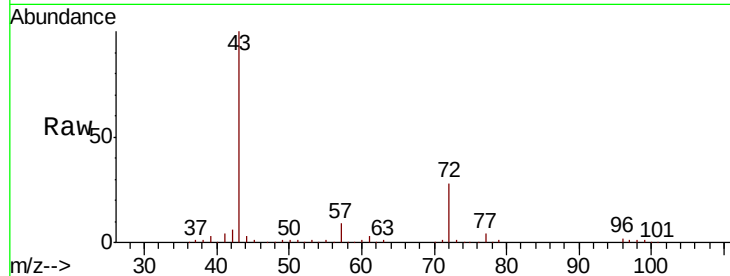
ICVVU010319

Tgt Ion: 43 Resp: 350204

Ion Ratio Lower Upper

43 100

72 28.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-954) (-)

Ion 72.00 (71.70 to 72.70): VU028998.D (-954) (-)

4.26

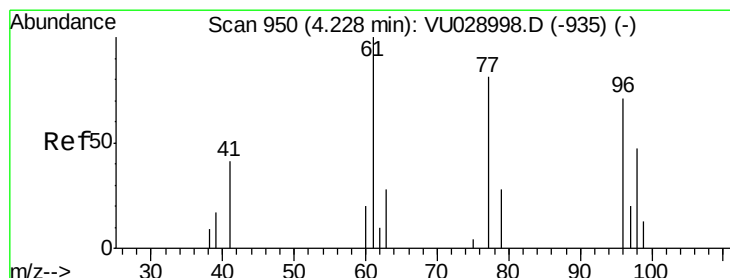
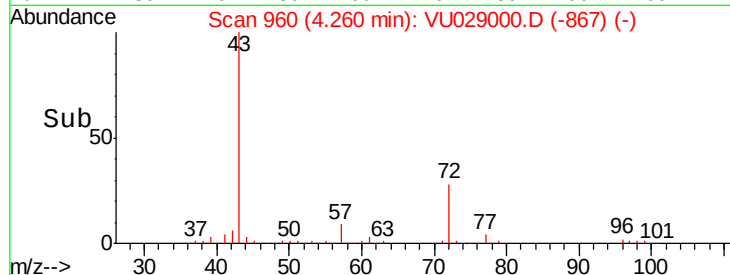
150000

100000

50000

0

Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 49.402 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU029000.D

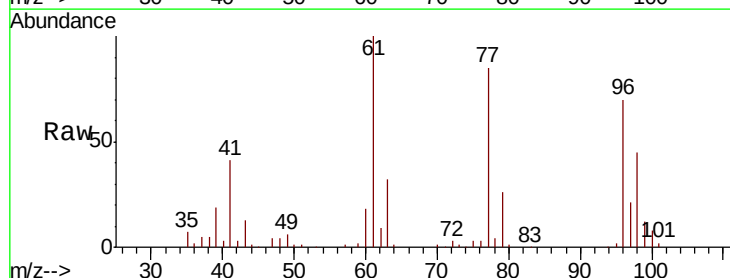
Acq: 03 Jan 2019 16:18

Tgt Ion: 77 Resp: 117462

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU028998.D (-935) (-)

Ion 96.90 (96.60 to 97.60): VU028998.D (-935) (-)

4.22

50000

40000

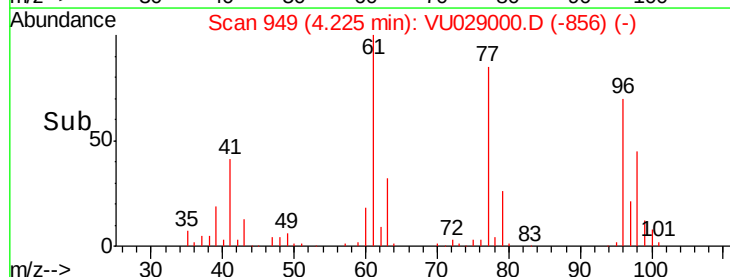
30000

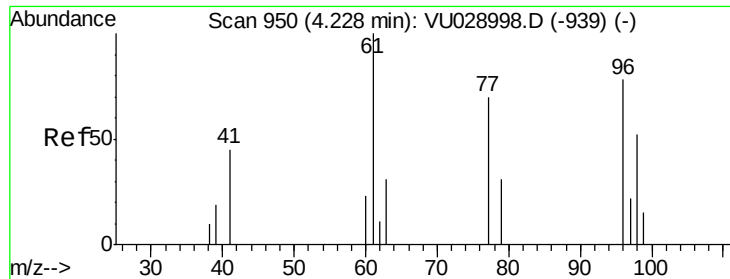
20000

10000

0

Time--> 4.10 4.20 4.30



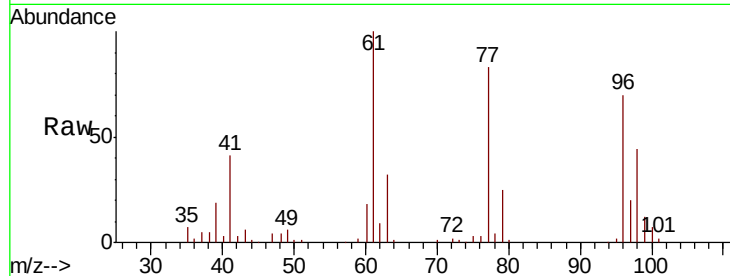


#27

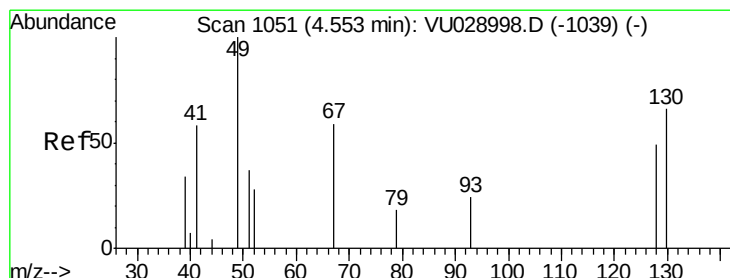
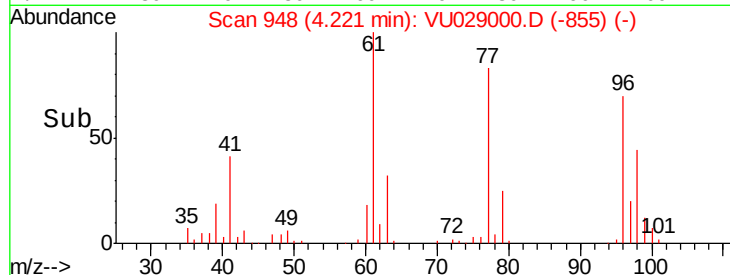
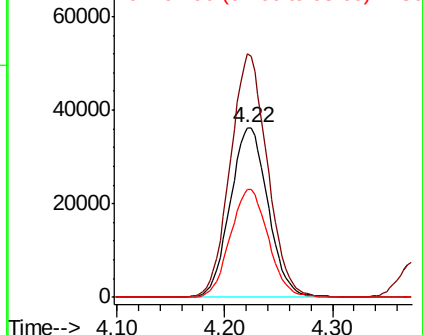
cis-1,2-Dichloroethene
Concen: 49.565 ug/l
RT: 4.22 min Scan# 948
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

Tgt Ion: 96 Resp: 88532
Ion Ratio Lower Upper
96 100
61 141.4 0.0 285.6
98 63.7 0.0 130.2



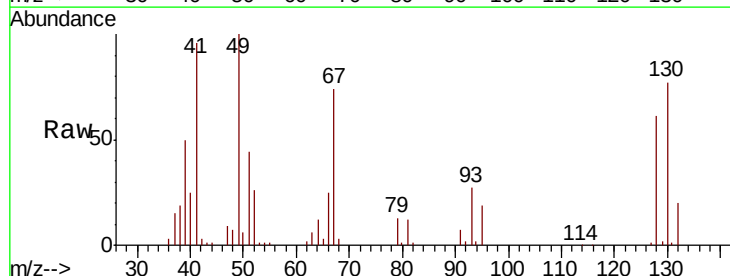
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



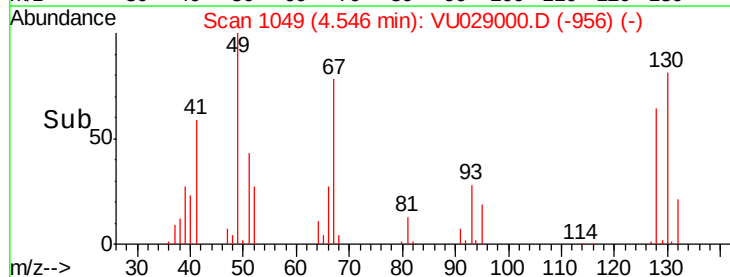
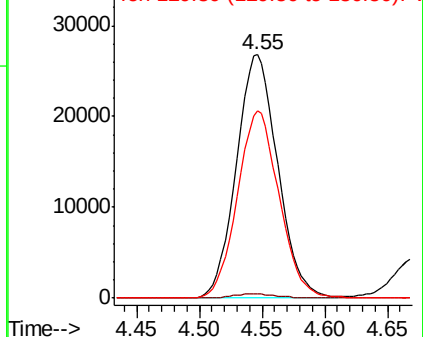
#28

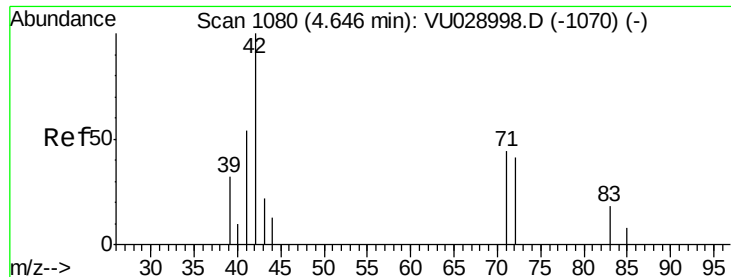
Bromochloromethane
Concen: 48.752 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion: 49 Resp: 61427
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 77.7 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: 242.019 ug/l

RT: 4.63 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

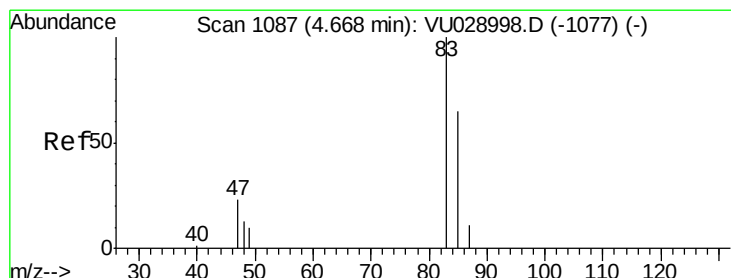
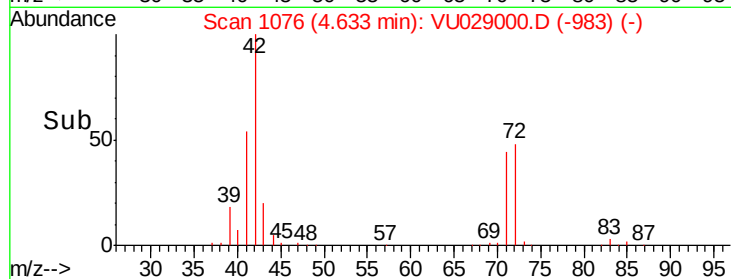
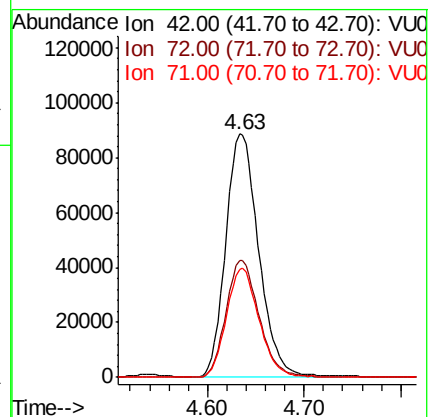
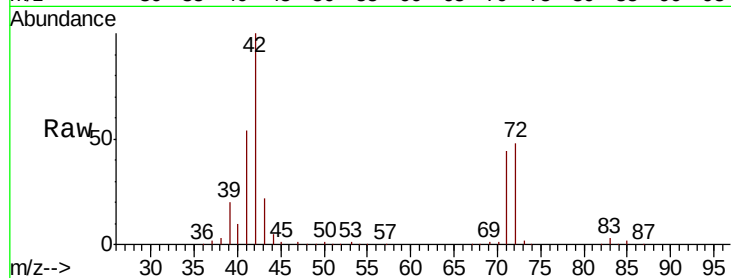
Tgt Ion: 42 Resp: 209255

Ion Ratio Lower Upper

42 100

72 48.6 38.3 57.5

71 44.3 36.1 54.1



#30

Chloroform

Concen: 48.645 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU029000.D

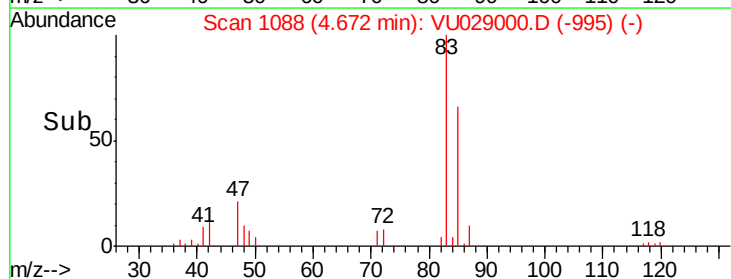
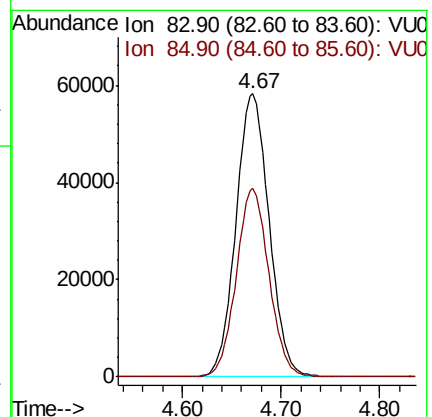
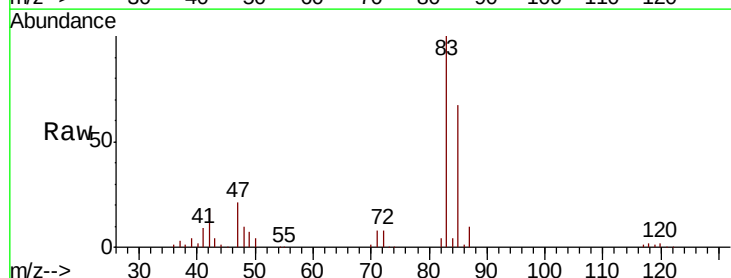
Acq: 03 Jan 2019 16:18

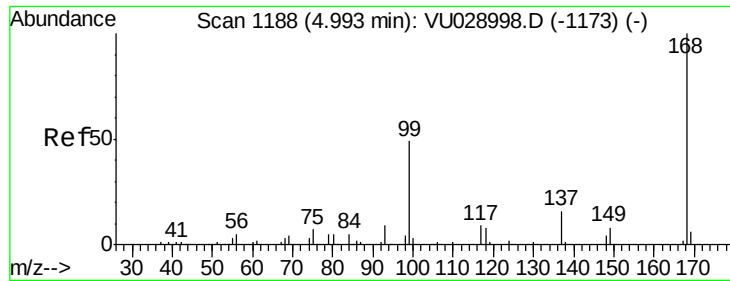
Tgt Ion: 83 Resp: 136340

Ion Ratio Lower Upper

83 100

85 66.6 53.4 80.0

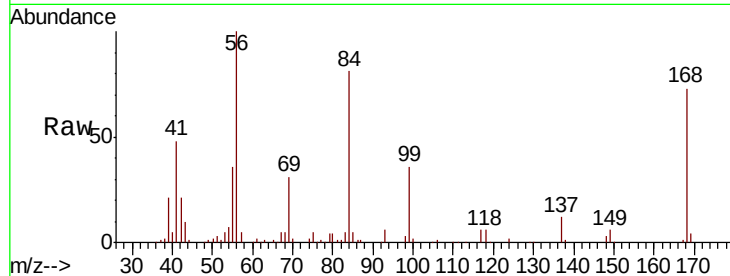




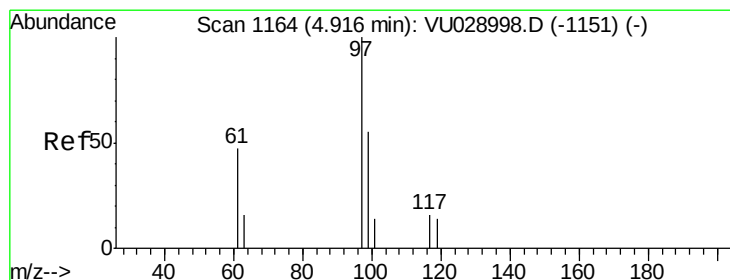
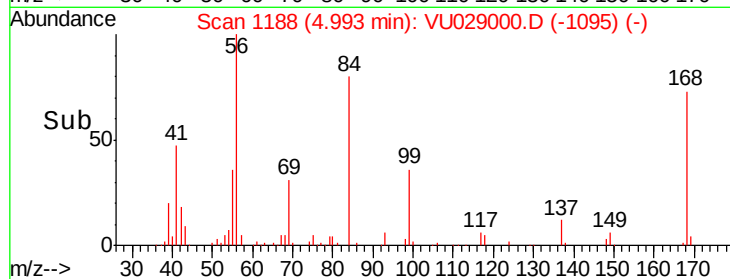
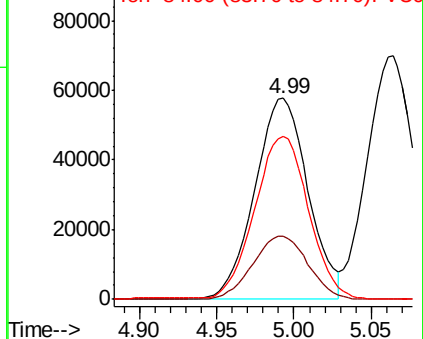
#31
Cyclohexane
Concen: 49.756 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

Tgt Ion: 56 Resp: 138225
Ion Ratio Lower Upper
56 100
69 31.1 26.7 40.1
84 80.7 65.7 98.5

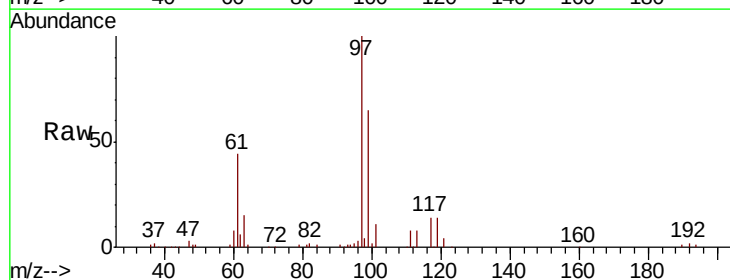


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

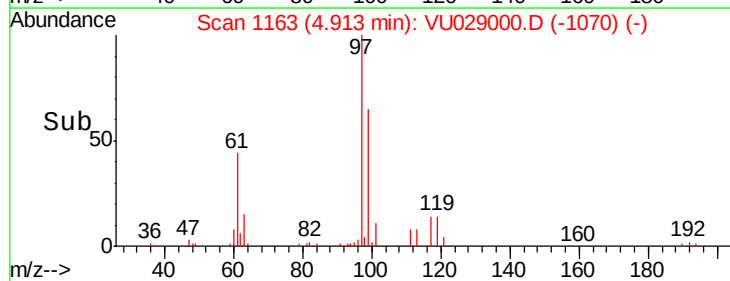
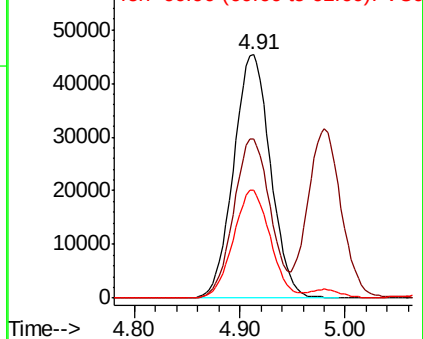


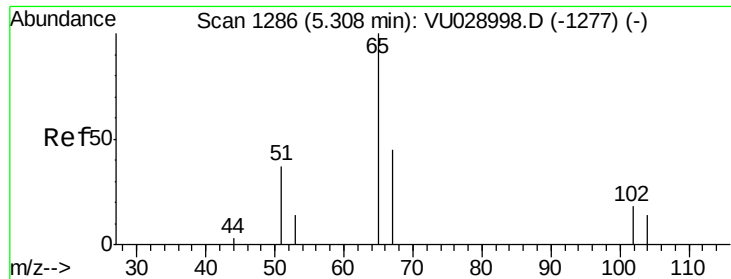
#32
1,1,1-Trichloroethane
Concen: 47.534 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion: 97 Resp: 110081
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.4
61 44.5 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

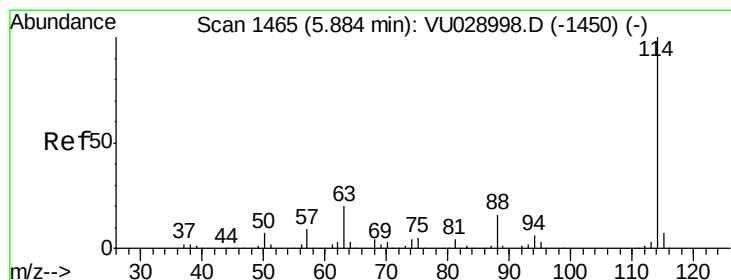
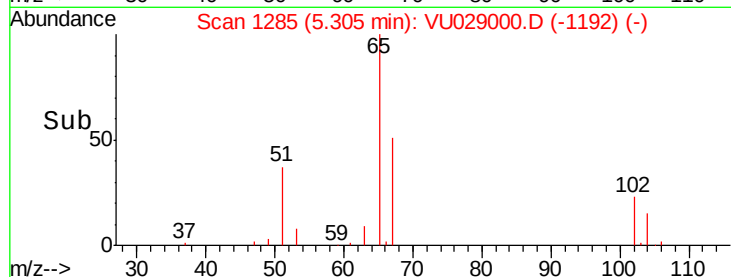
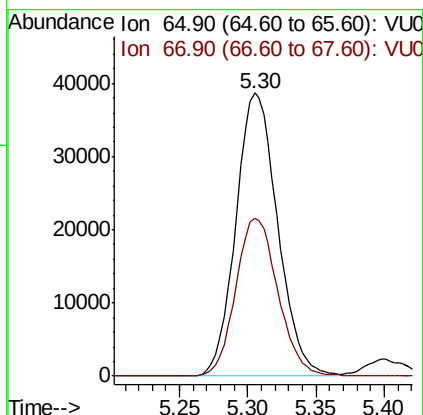
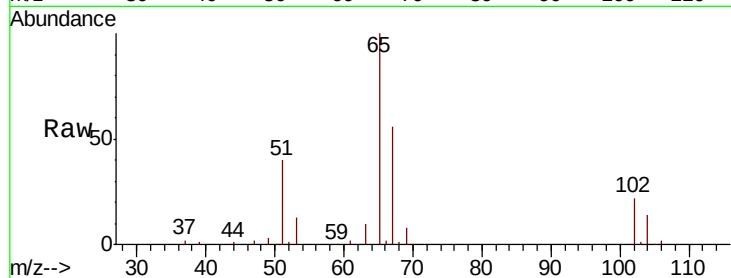




#33
 1,2-Dichloroethane-d4
 Concen: 49.167 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

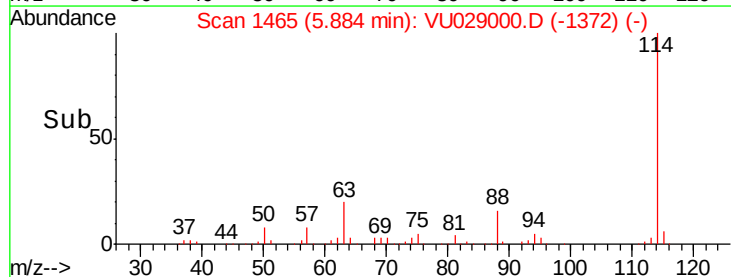
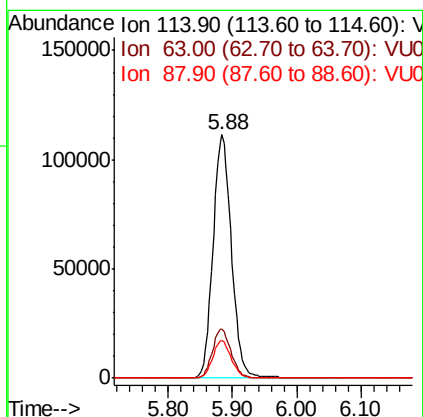
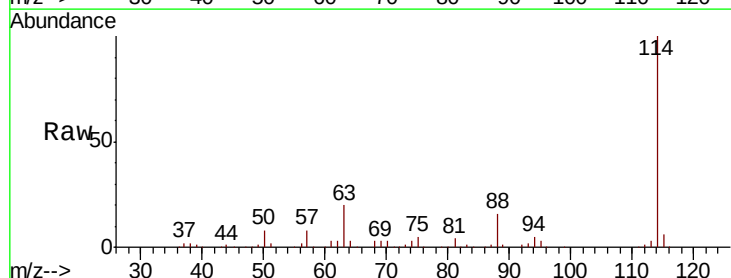
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

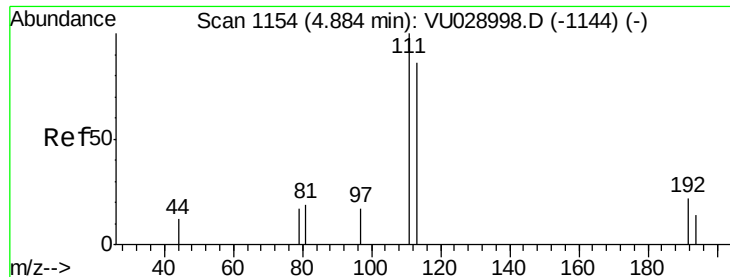
Tgt Ion: 65 Resp: 82377
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion: 114 Resp: 221048
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.2
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.972 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

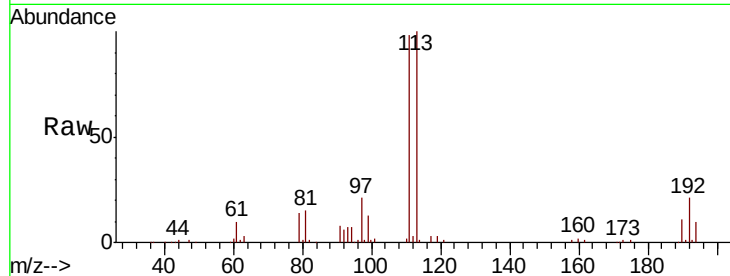
Tgt Ion:113 Resp: 71605

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.2

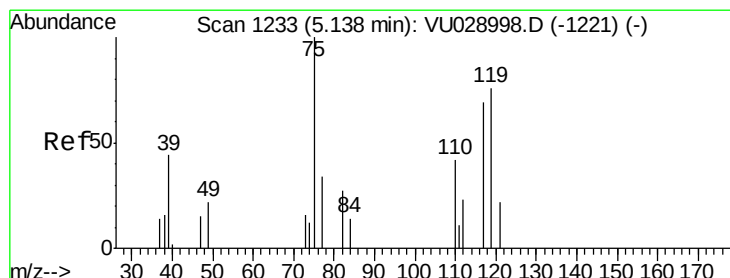
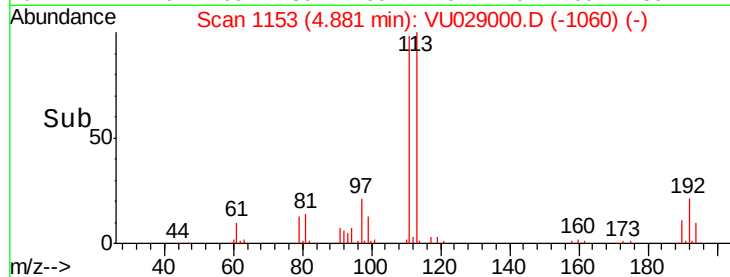
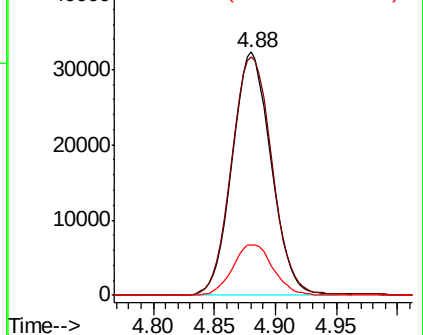
192 21.5 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.892 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

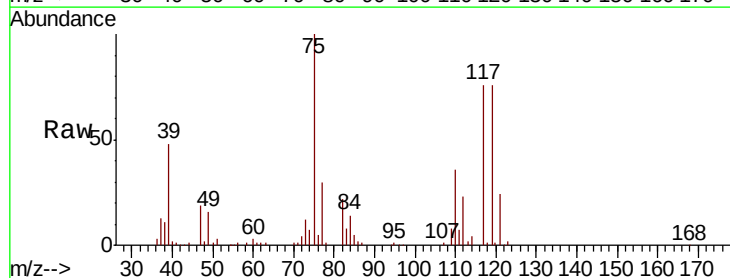
Tgt Ion: 75 Resp: 105816

Ion Ratio Lower Upper

75 100

110 36.4 18.4 55.4

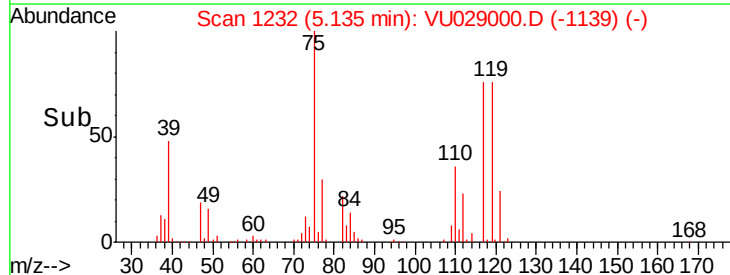
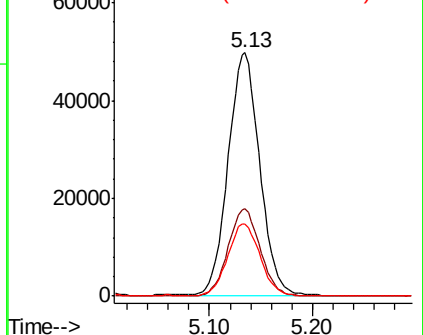
77 30.8 25.1 37.7

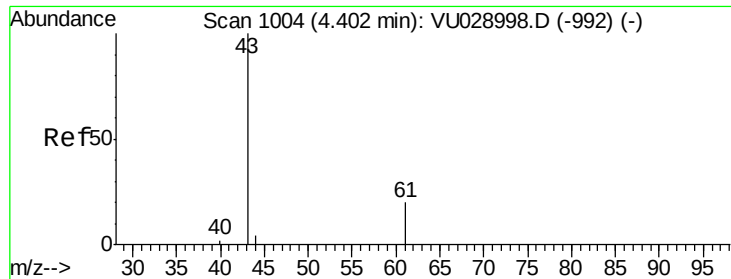


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

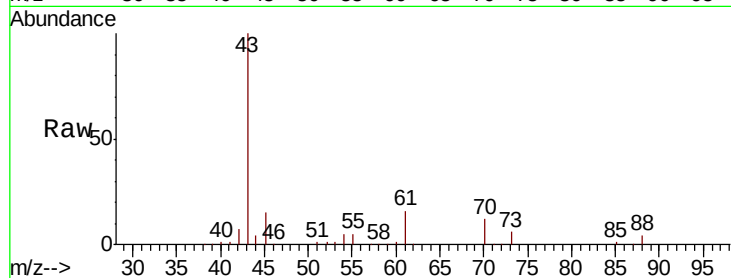




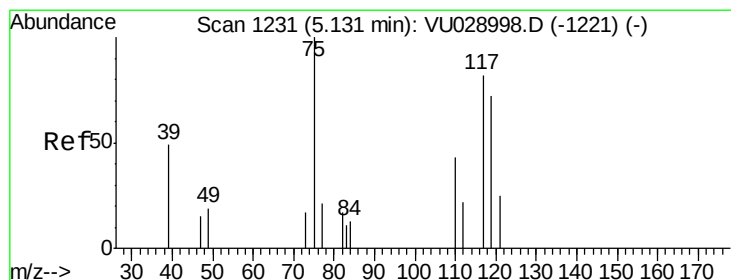
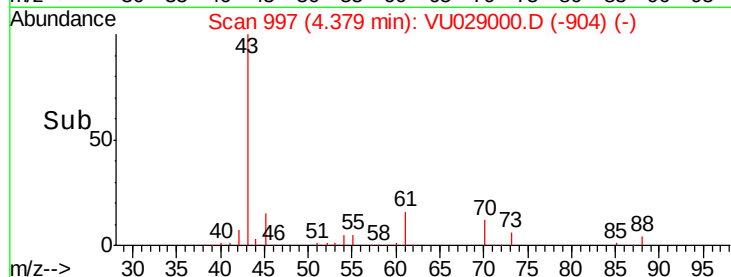
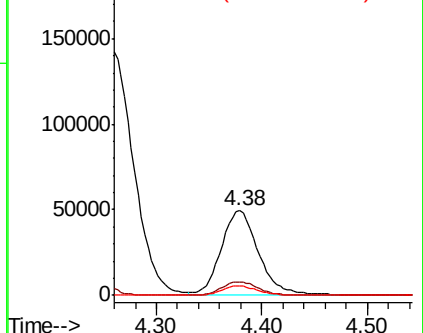
#37
Ethyl Acetate
Concen: 48.914 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

Tgt Ion: 43 Resp: 118629
Ion Ratio Lower Upper
43 100
61 16.3 12.6 18.8
70 11.2 9.3 13.9

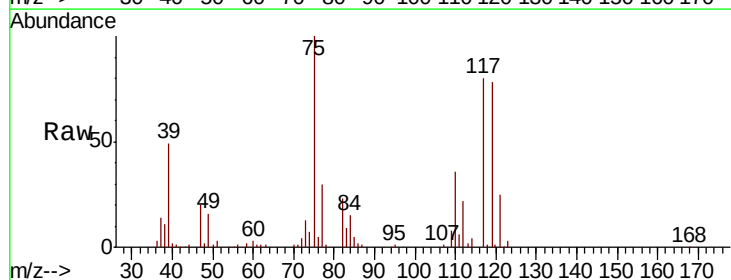


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

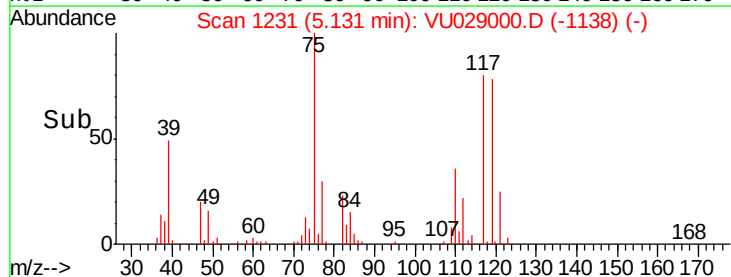
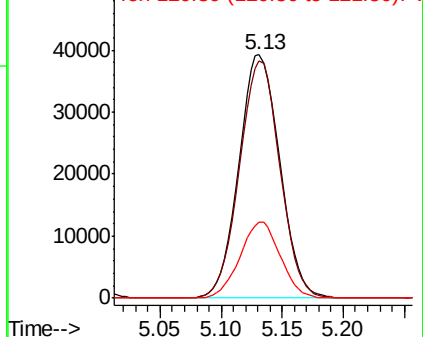


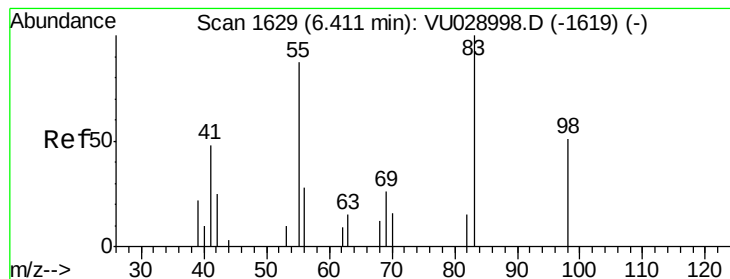
#38
Carbon Tetrachloride
Concen: 49.301 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion: 117 Resp: 90853
Ion Ratio Lower Upper
117 100
119 97.3 74.6 111.8
121 31.0 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: 49.422 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

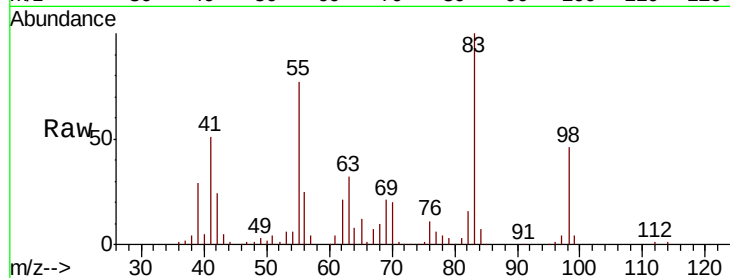
Tgt Ion: 83 Resp: 134244

Ion Ratio Lower Upper

83 100

55 76.9 62.4 93.6

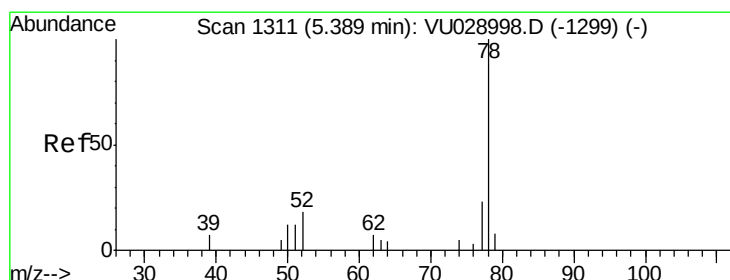
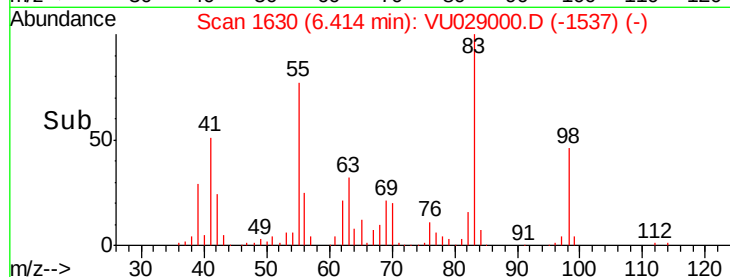
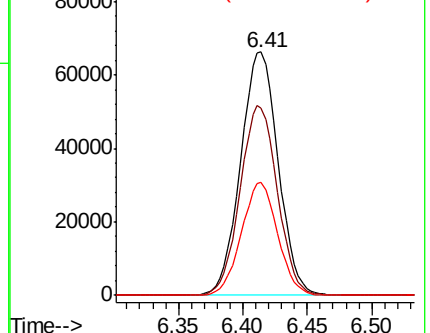
98 46.2 36.2 54.2



Abundance Ion 83.00 (82.70 to 83.70): VU028998.D (-1619) (-)

Ion 55.00 (54.70 to 55.70): VU028998.D (-1619) (-)

Ion 98.00 (97.70 to 98.70): VU028998.D (-1619) (-)



#40

Benzene

Concen: 48.538 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. -0.00 min

Lab File: VU029000.D

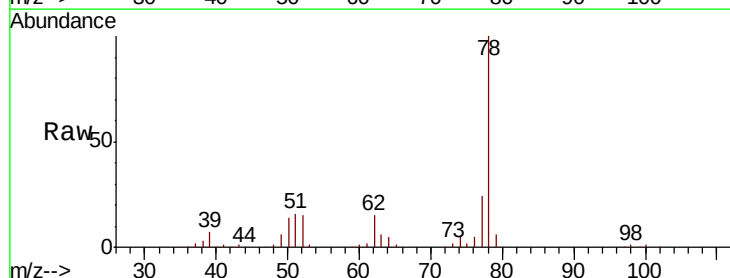
Acq: 03 Jan 2019 16:18

Tgt Ion: 78 Resp: 334522

Ion Ratio Lower Upper

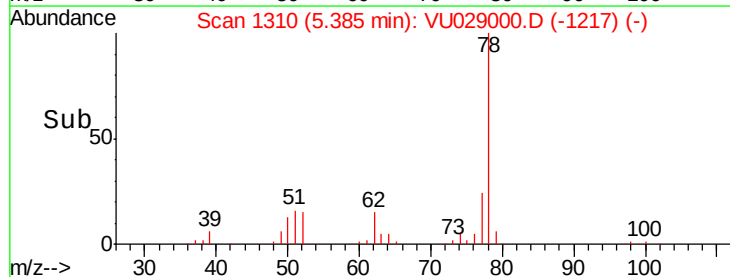
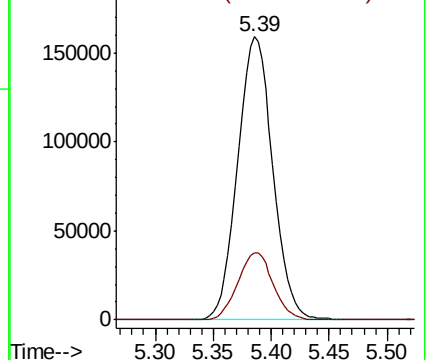
78 100

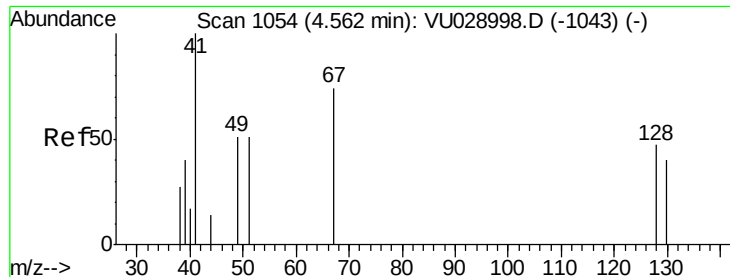
77 23.9 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VU028998.D (-1299) (-)

Ion 77.00 (76.70 to 77.70): VU028998.D (-1299) (-)

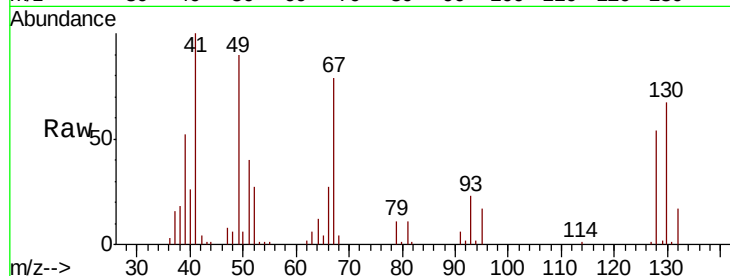




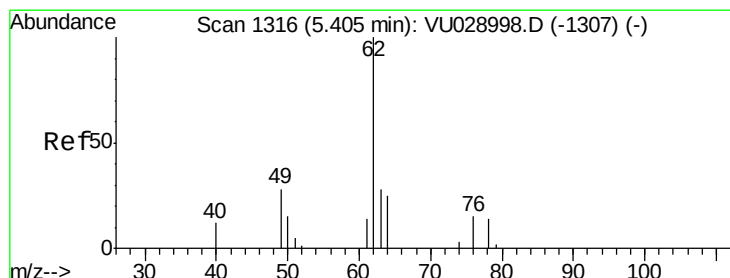
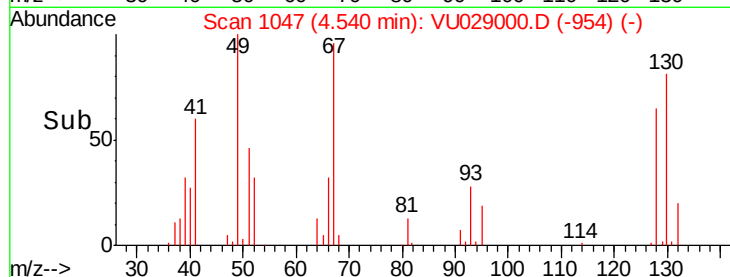
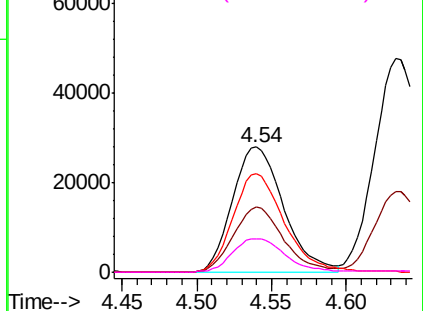
#41
Methacrylonitrile
Concen: 51.289 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

Tgt Ion:	41	Resp:	66583
Ion	Ratio	Lower	Upper
41	100		
39	51.2	42.3	63.5
67	79.2	64.4	96.6
52	27.8	23.9	35.9

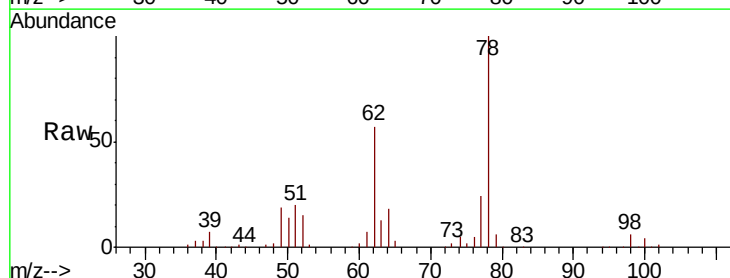


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

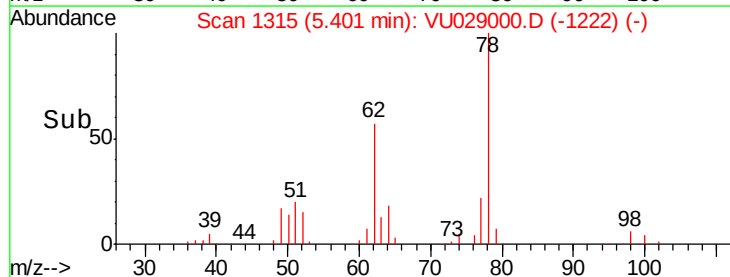
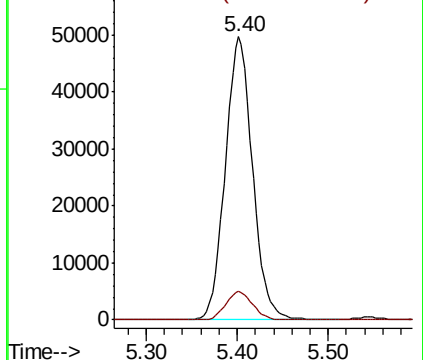


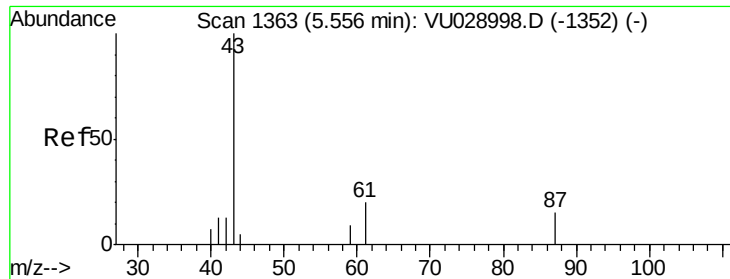
#42
1,2-Dichloroethane
Concen: 49.878 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion:	62	Resp:	103296
Ion	Ratio	Lower	Upper
62	100		
98	9.9	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: 50.709 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

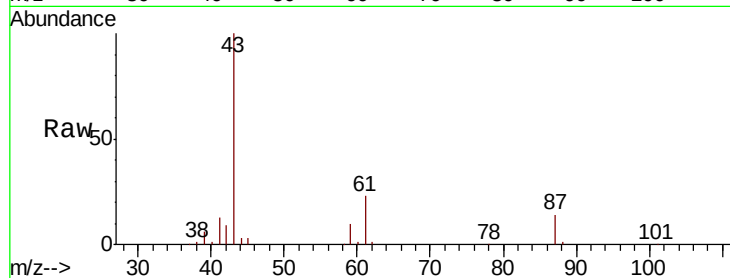
Tgt Ion: 43 Resp: 188653

Ion Ratio Lower Upper

43 100

61 22.7 17.8 26.6

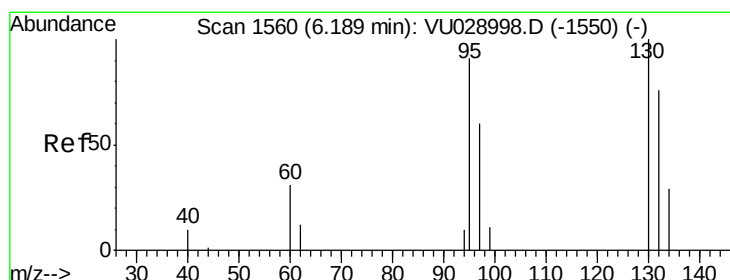
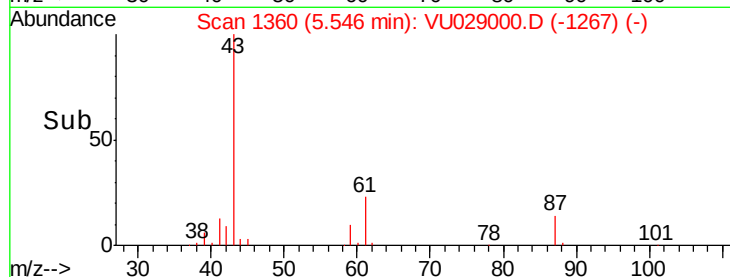
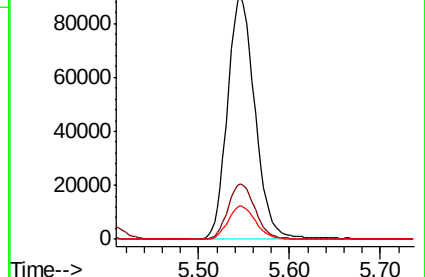
87 13.7 11.3 16.9



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: 47.833 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU029000.D

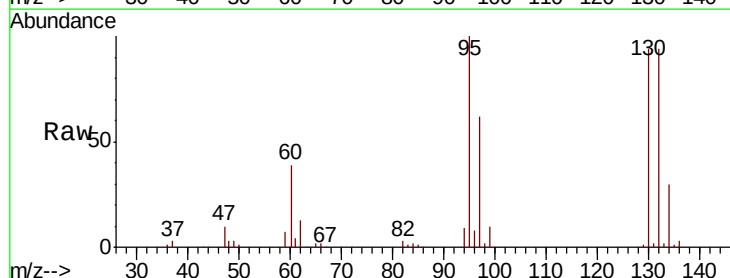
Acq: 03 Jan 2019 16:18

Tgt Ion: 130 Resp: 81682

Ion Ratio Lower Upper

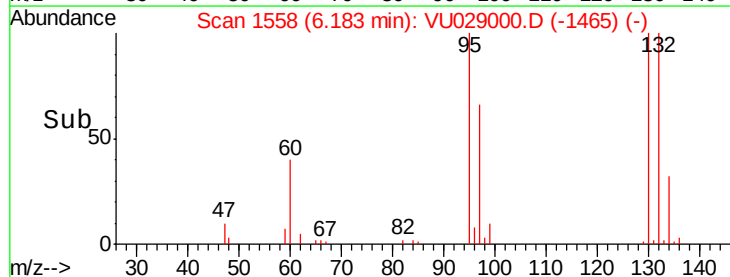
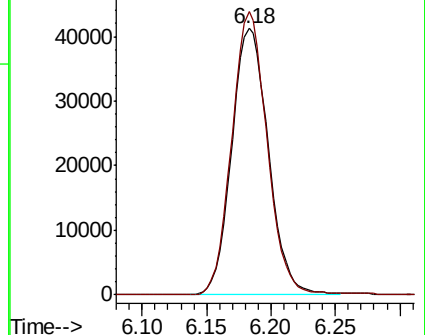
130 100

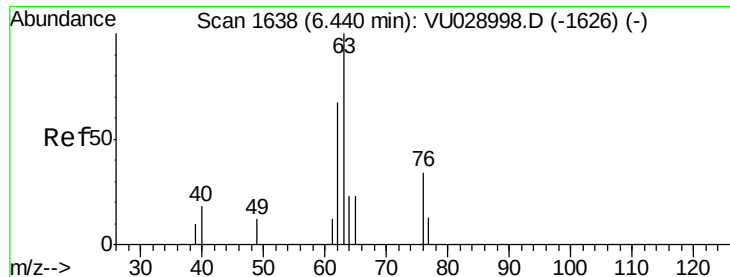
95 106.3 0.0 205.0



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

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

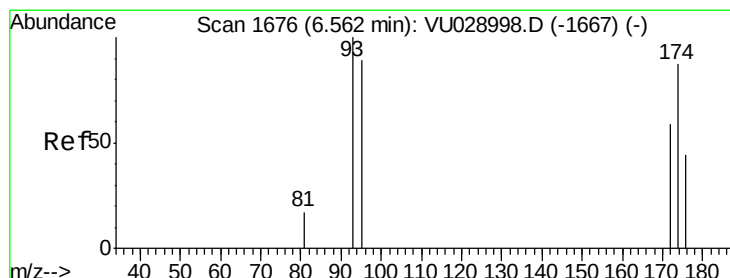
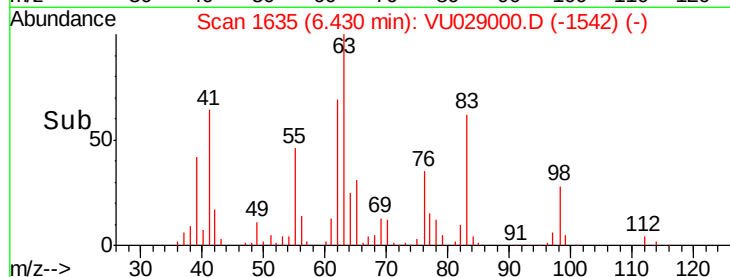
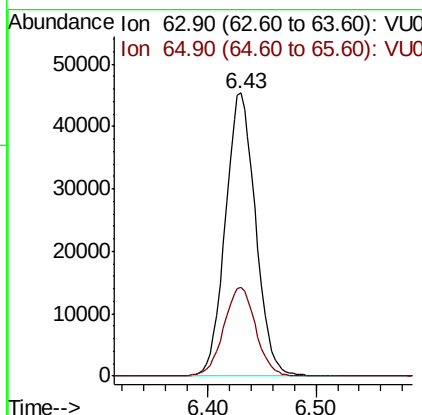
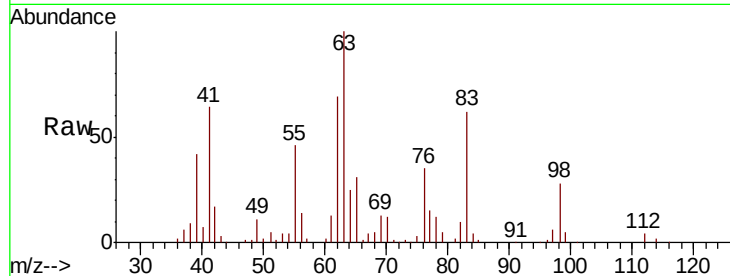




#45
 1,2-Dichloropropane
 Concen: 48.543 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

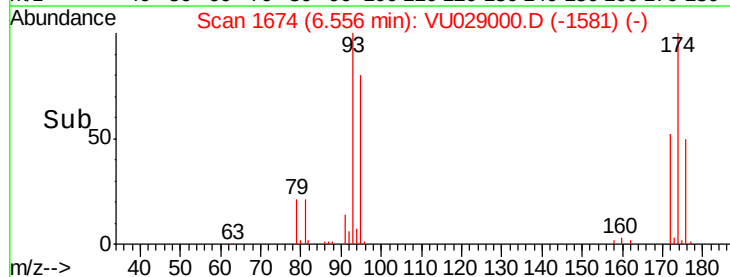
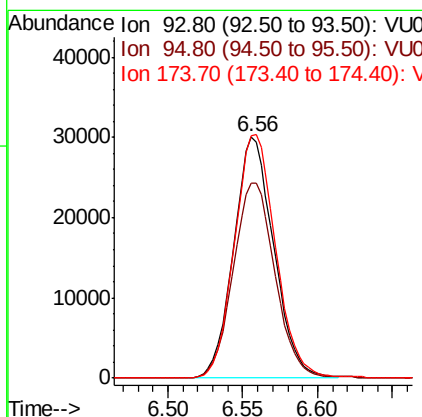
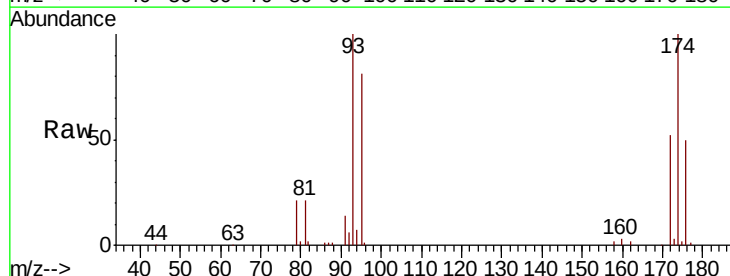
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

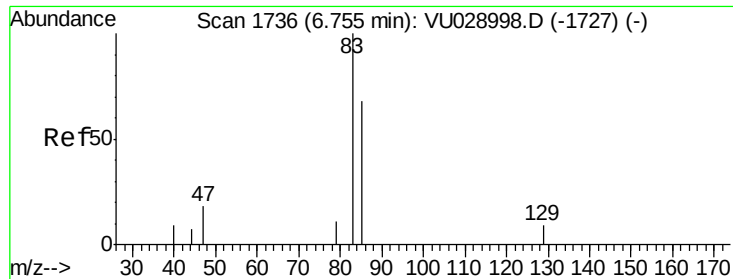
Tgt Ion: 63 Resp: 88349
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.1 37.7



#46
 Dibromomethane
 Concen: 48.201 ug/l
 RT: 6.56 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion: 93 Resp: 56080
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.2 100.8
 174 103.9 82.6 123.8





#47

Bromodichloromethane

Concen: 49.499 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

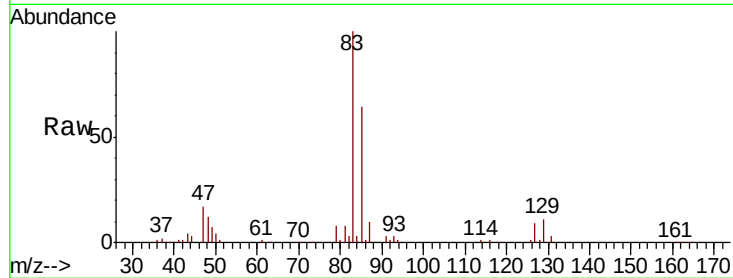
Tgt Ion: 83 Resp: 106034

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.2

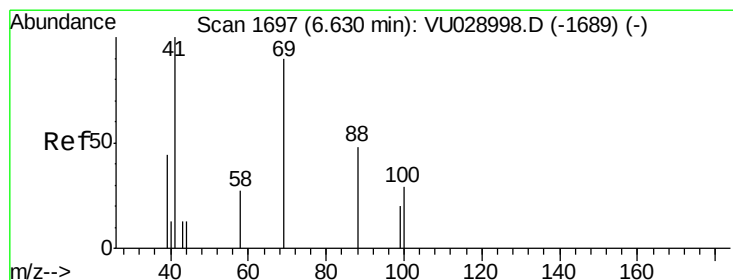
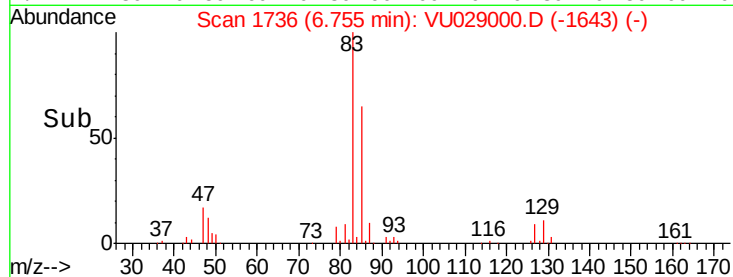
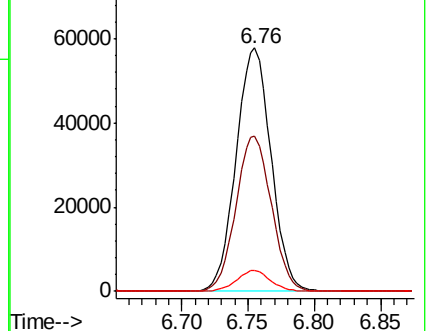
127 8.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VU028998.D (-1727) (-)

Ion 84.90 (84.60 to 85.60): VU028998.D (-1727) (-)

Ion 126.80 (126.50 to 127.50): VU028998.D (-1727) (-)



#48

Methyl methacrylate

Concen: 51.300 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

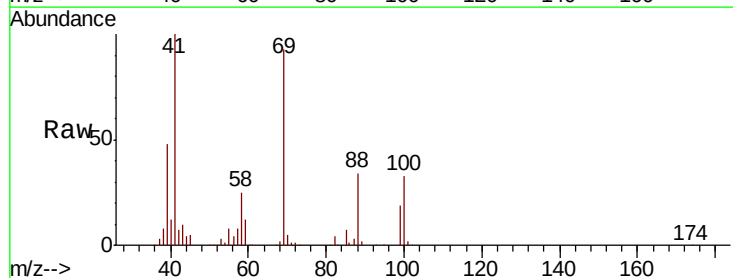
Tgt Ion: 41 Resp: 92931

Ion Ratio Lower Upper

41 100

69 93.8 73.6 110.4

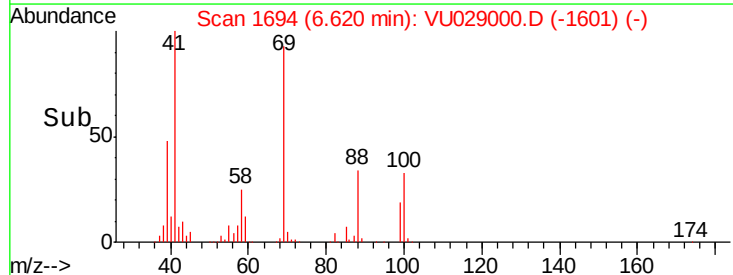
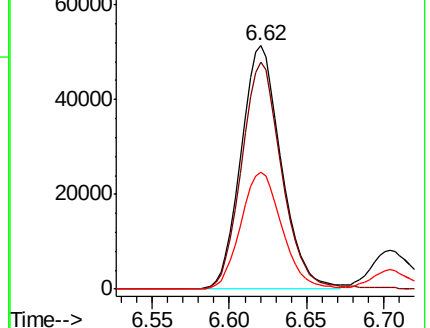
39 49.4 39.6 59.4

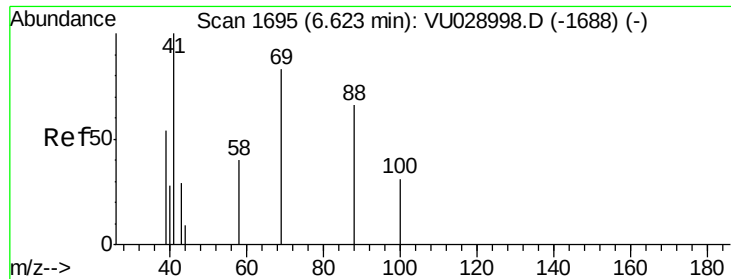


Abundance Ion 41.00 (40.70 to 41.70): VU028998.D (-1689) (-)

Ion 69.00 (68.70 to 69.70): VU028998.D (-1689) (-)

Ion 39.00 (38.70 to 39.70): VU028998.D (-1689) (-)

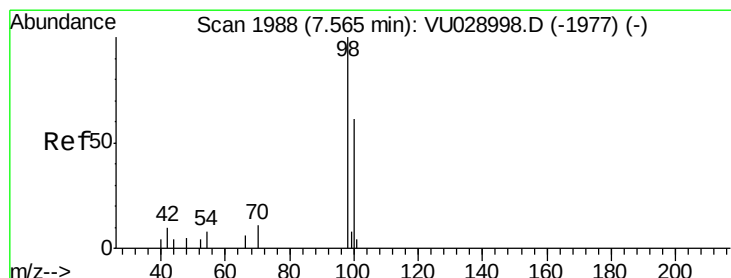
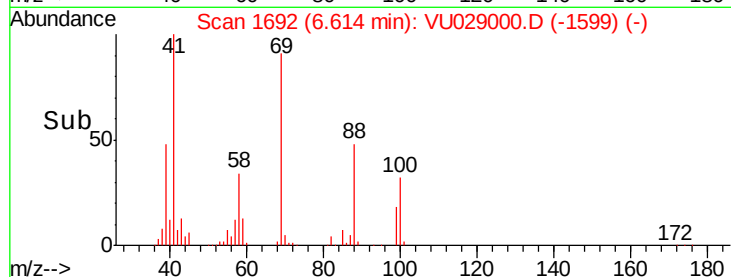
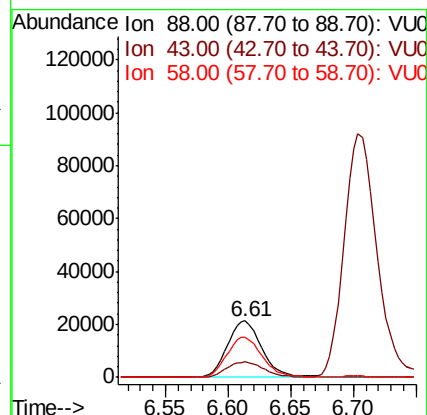
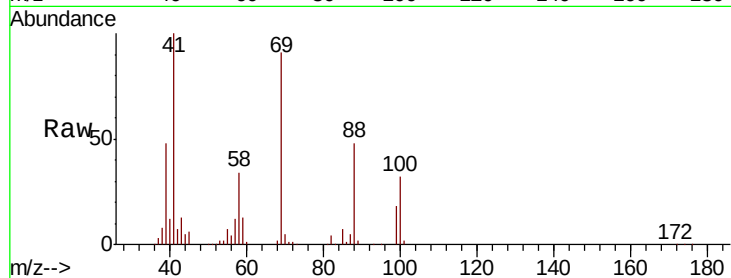




#49
 1,4-Dioxane
 Concen: 959.392 ug/l
 RT: 6.61 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

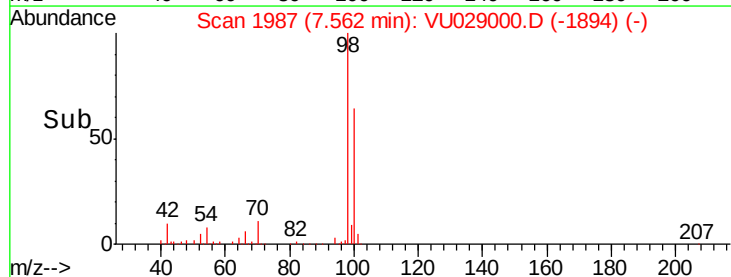
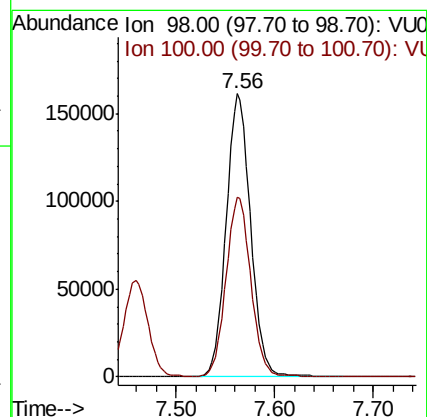
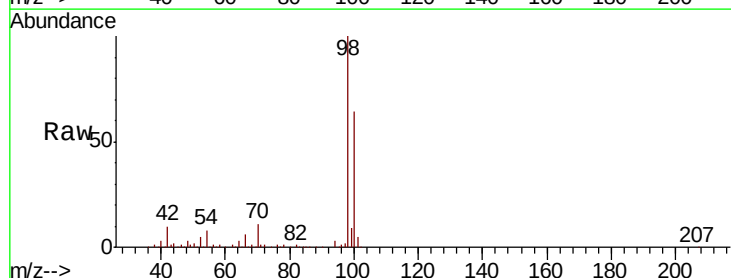
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

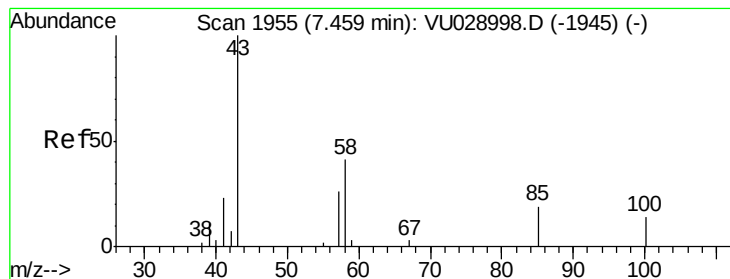
Tgt Ion: 88 Resp: 41187
 Ion Ratio Lower Upper
 88 100
 43 29.1 23.0 34.4
 58 72.3 57.9 86.9



#50
 Toluene-d8
 Concen: 49.687 ug/l
 RT: 7.56 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion: 98 Resp: 281076
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 245.501 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

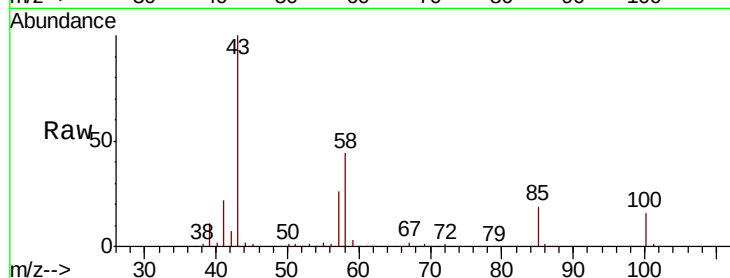
ICVVU010319

Tgt Ion: 43 Resp: 621584

Ion Ratio Lower Upper

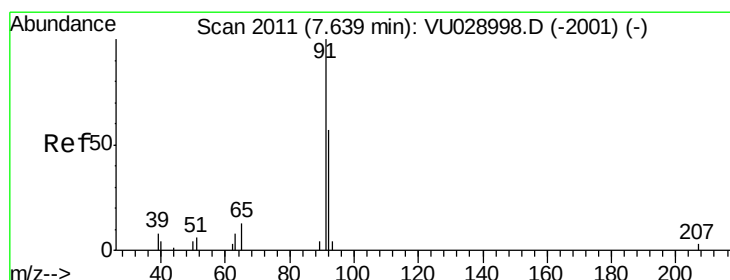
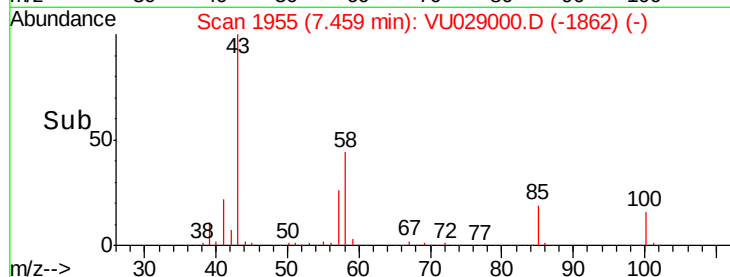
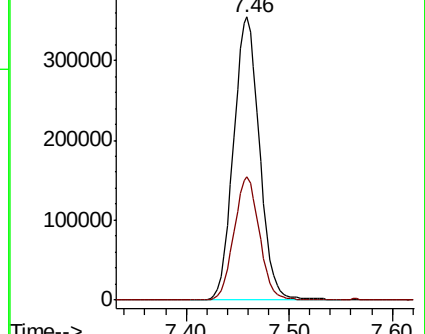
43 100

58 42.8 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 48.657 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU029000.D

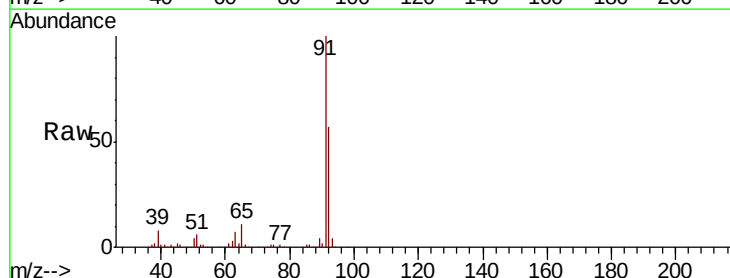
Acq: 03 Jan 2019 16:18

Tgt Ion: 92 Resp: 204149

Ion Ratio Lower Upper

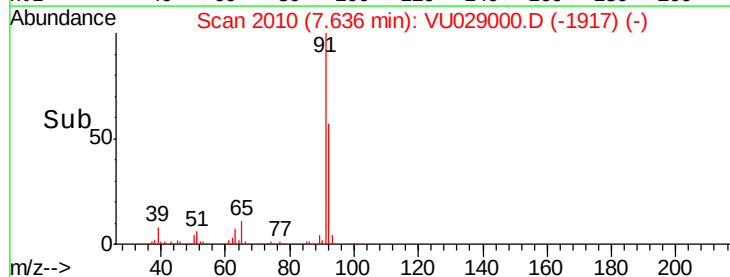
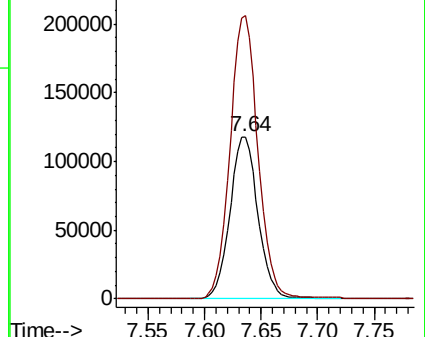
92 100

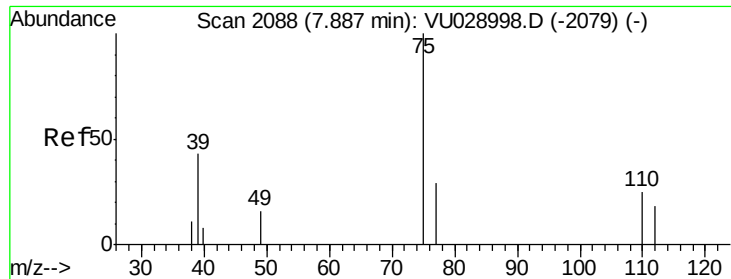
91 174.2 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

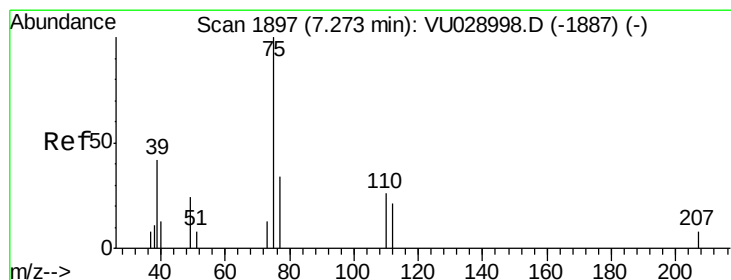
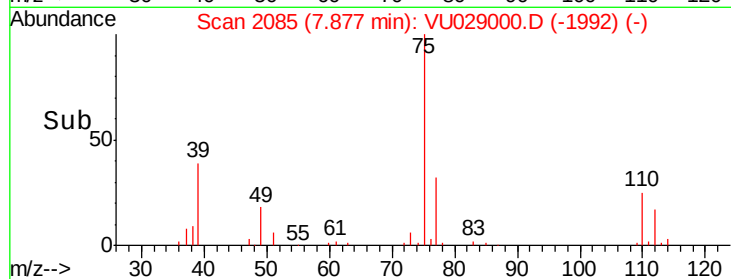
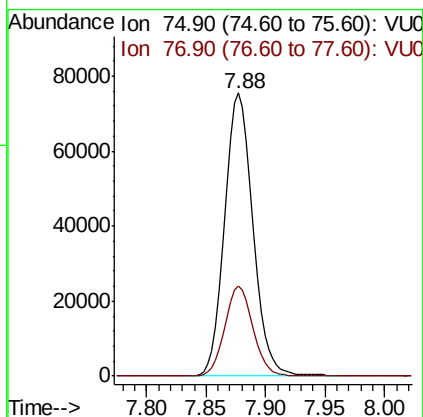
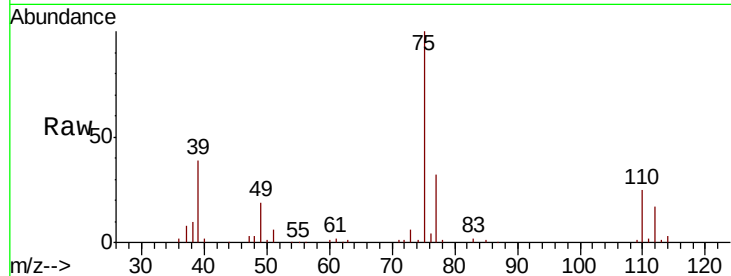




#53
t-1,3-Dichloropropene
Concen: 48.556 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

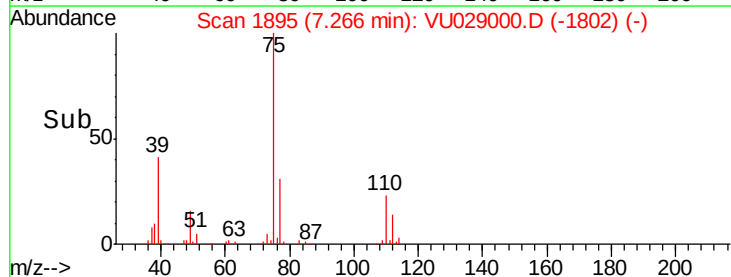
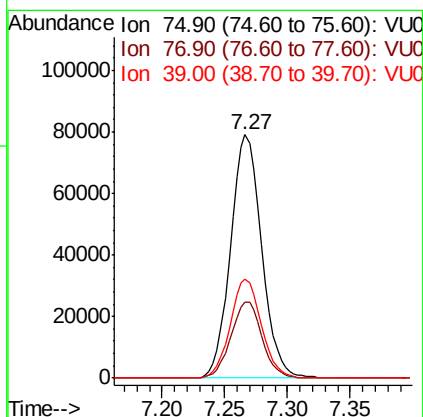
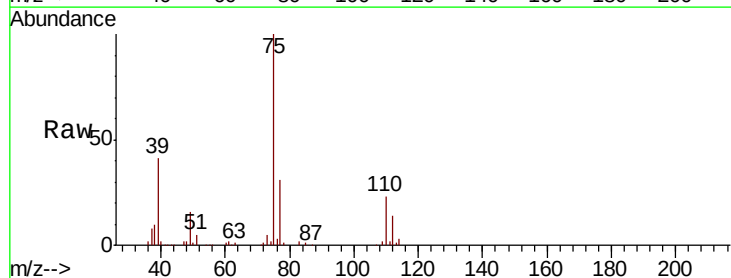
Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

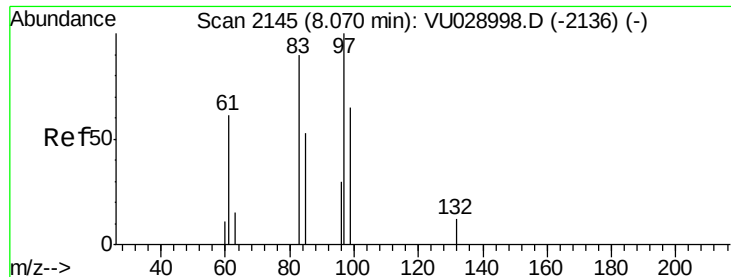
Tgt Ion: 75 Resp: 124948
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 49.040 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion: 75 Resp: 136359
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6
39 40.8 32.2 48.4

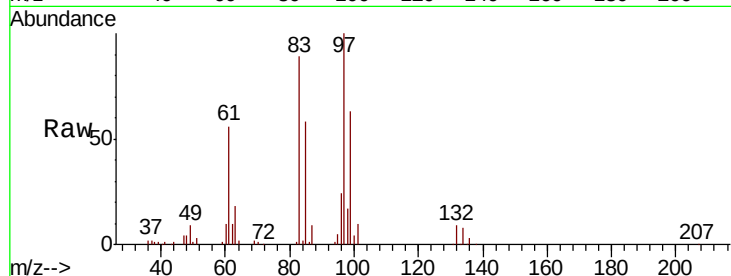




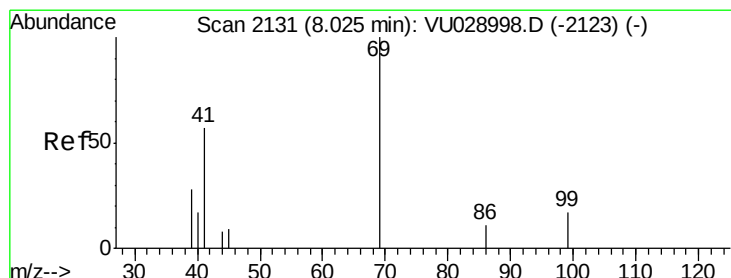
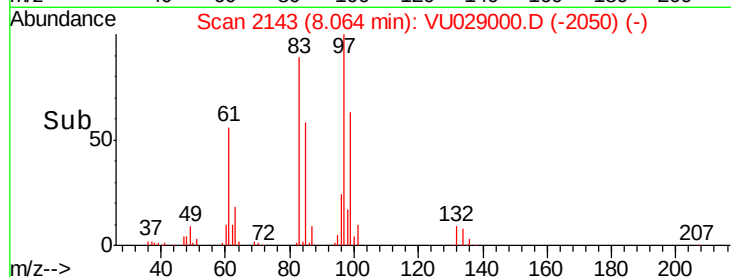
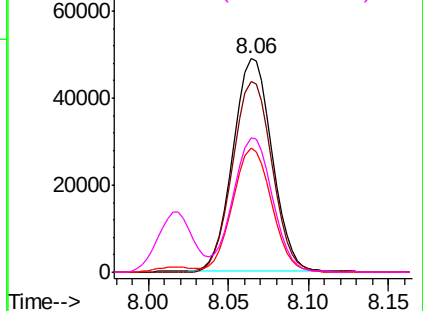
#55
 1,1,2-Trichloroethane
 Concen: 48.515 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

Tgt Ion: 97 Resp: 81546
 Ion Ratio Lower Upper
 97 100
 83 89.7 69.8 104.8
 85 58.0 47.3 70.9
 99 62.8 49.7 74.5

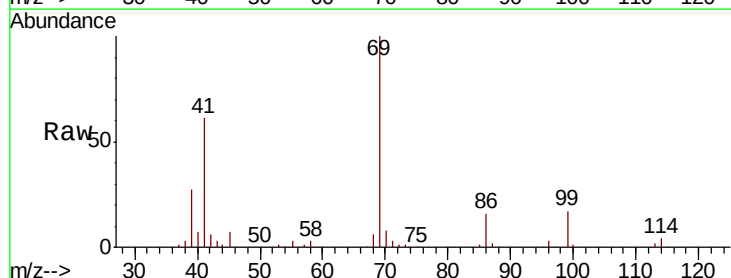


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

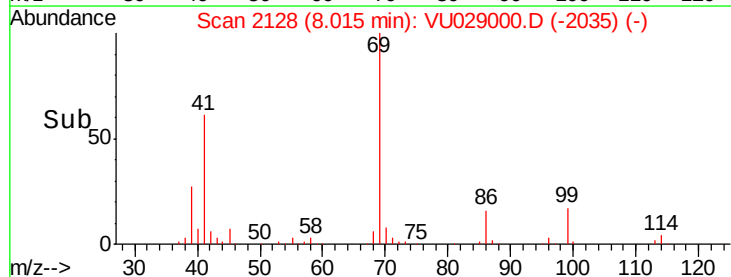
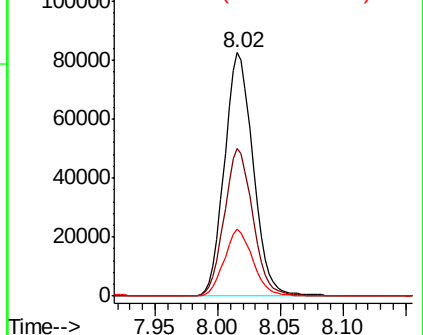


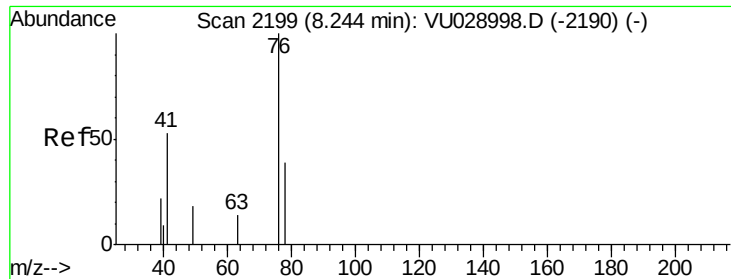
#56
 Ethyl methacrylate
 Concen: 50.791 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion: 69 Resp: 131524
 Ion Ratio Lower Upper
 69 100
 41 60.1 47.5 71.3
 39 27.6 22.5 33.7



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

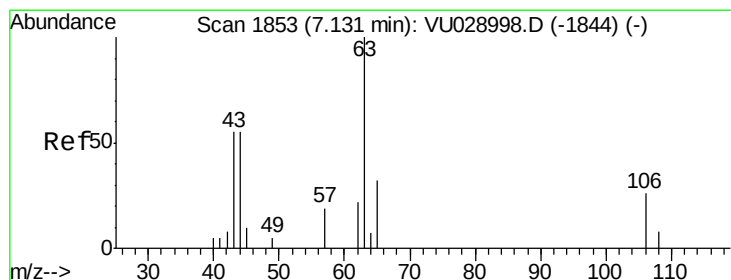
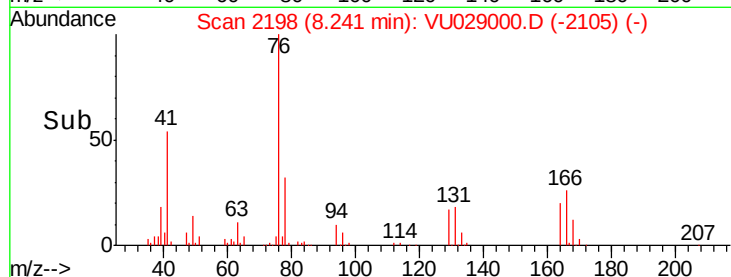
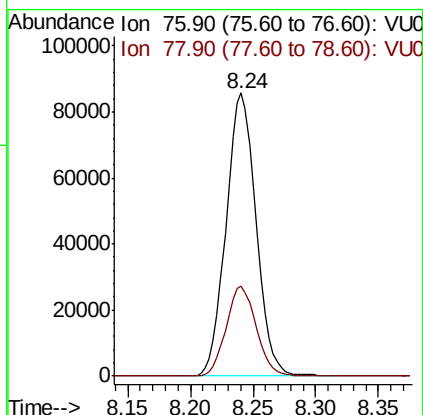
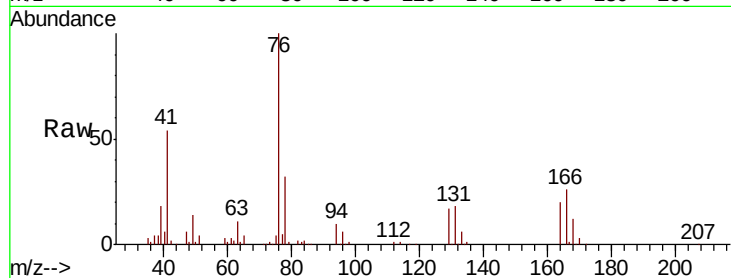




#57
 1,3-Dichloropropane
 Concen: 49.442 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

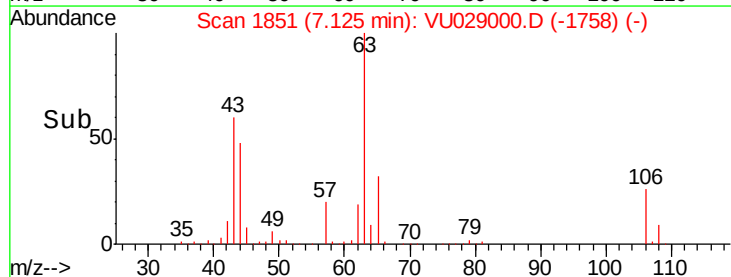
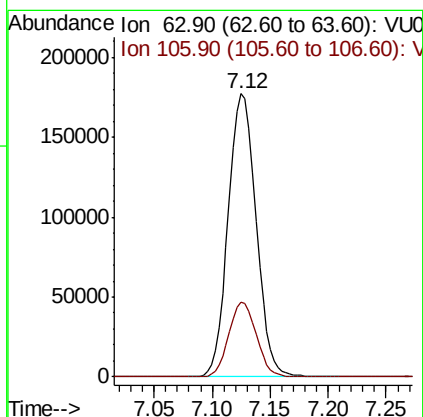
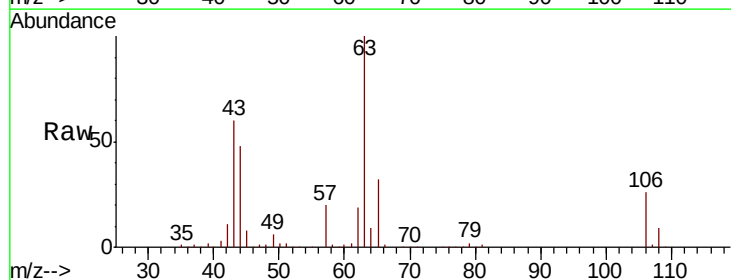
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

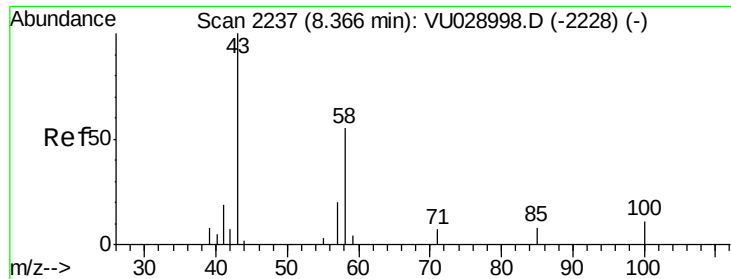
Tgt Ion: 76 Resp: 142199
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.025 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion: 63 Resp: 297259
 Ion Ratio Lower Upper
 63 100
 106 26.0 20.6 31.0

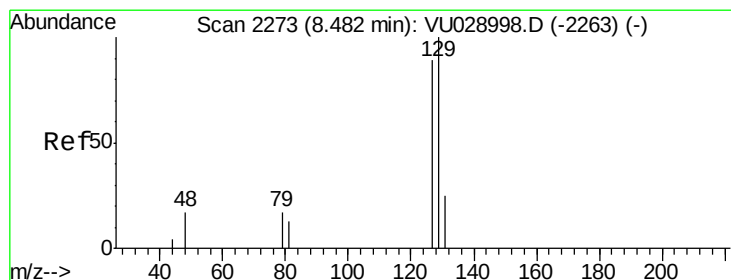
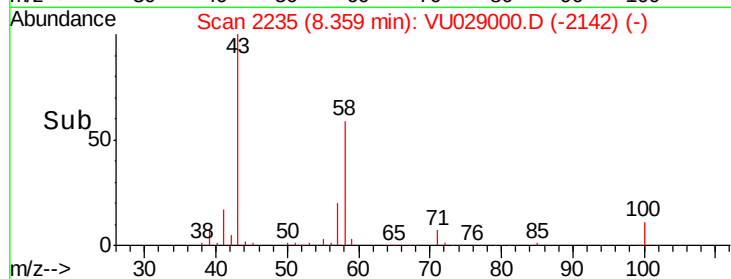
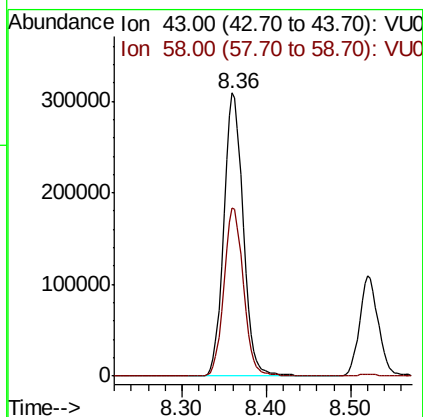
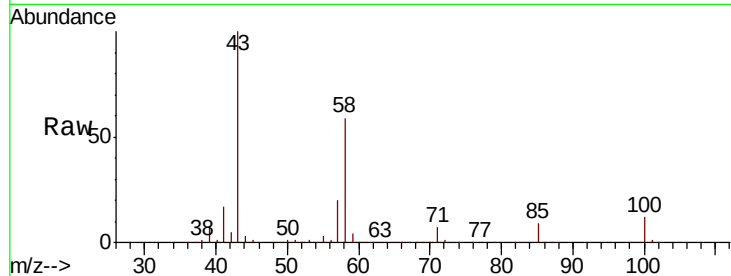




#59
2-Hexanone
Concen: 248.874 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

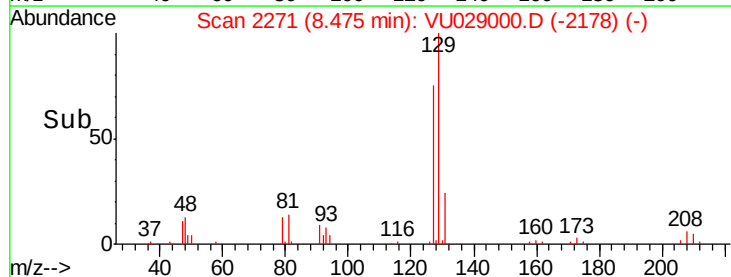
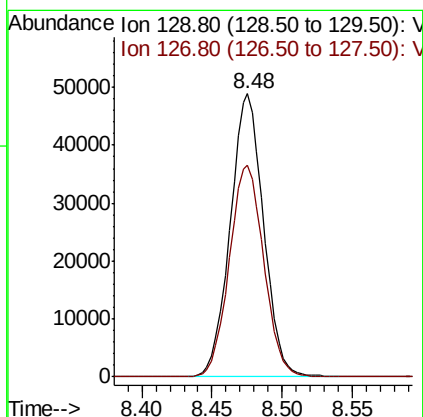
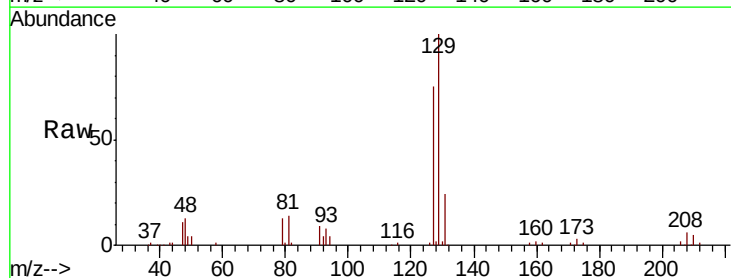
Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

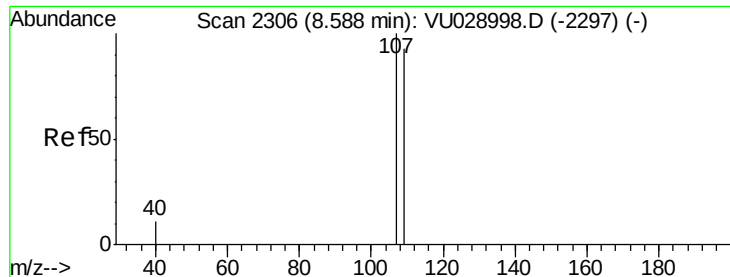
Tgt Ion: 43 Resp: 494625
Ion Ratio Lower Upper
43 100
58 59.8 29.8 89.4



#60
Dibromochloromethane
Concen: 48.461 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion: 129 Resp: 80699
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.0

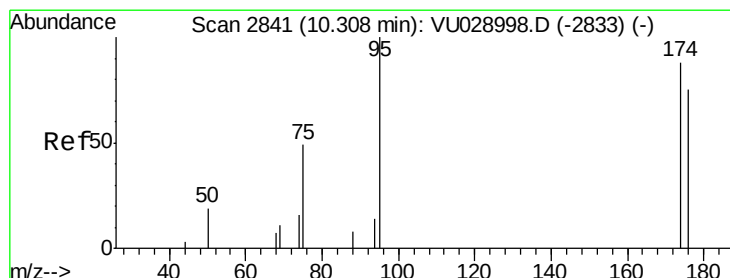
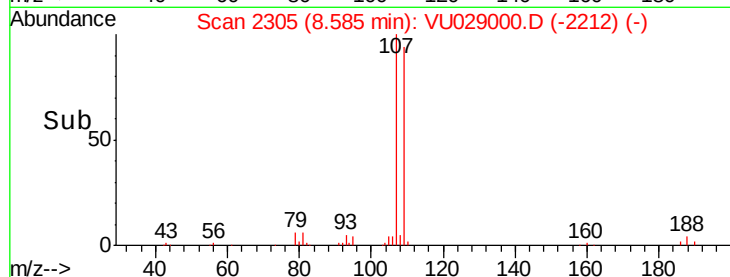
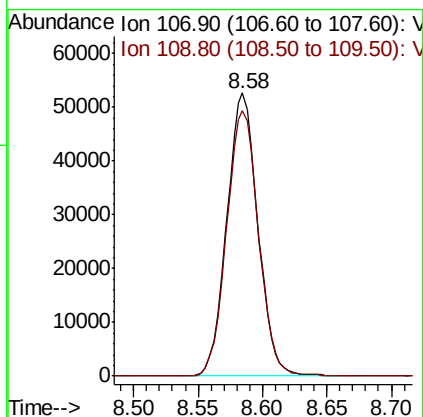
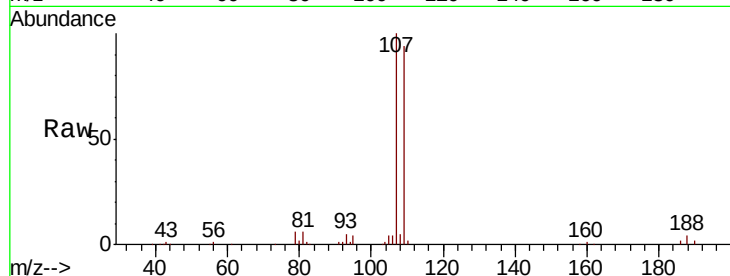




#61
 1,2-Dibromoethane
 Concen: 48.225 ug/l
 RT: 8.58 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

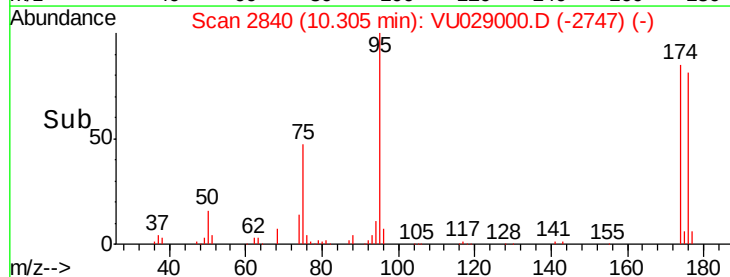
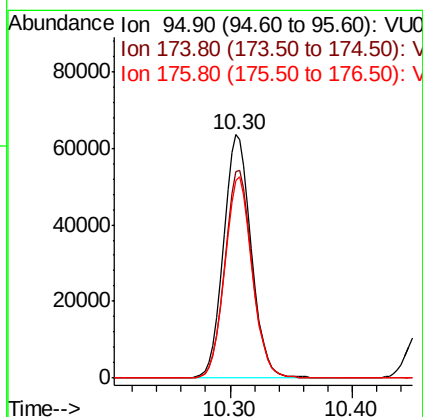
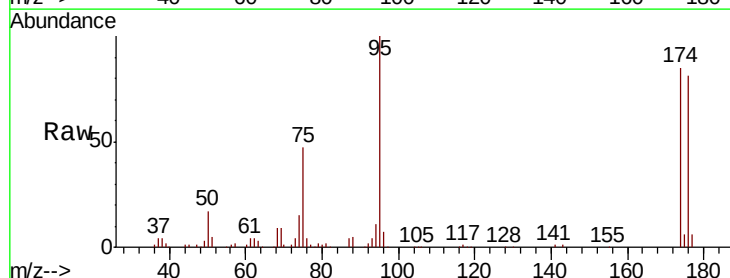
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

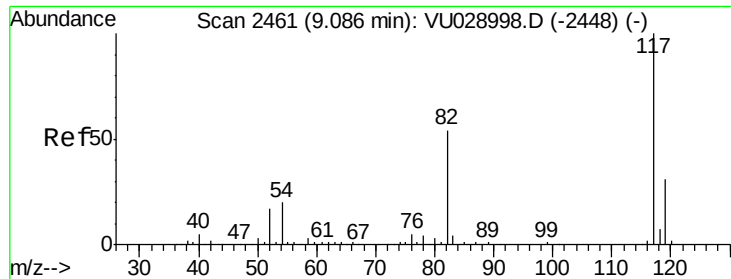
Tgt Ion: 107 Resp: 87912
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 49.828 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion: 95 Resp: 101299
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 170.6
 176 81.9 0.0 165.0

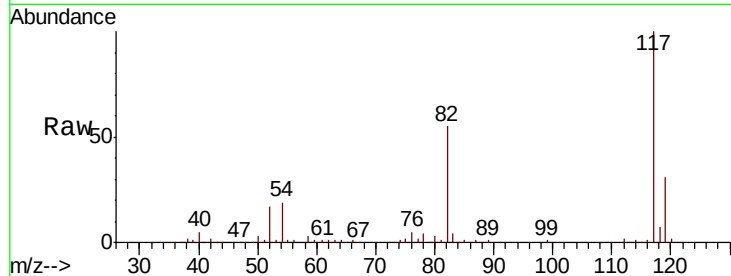




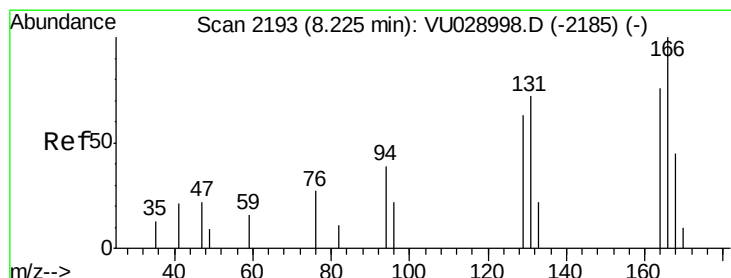
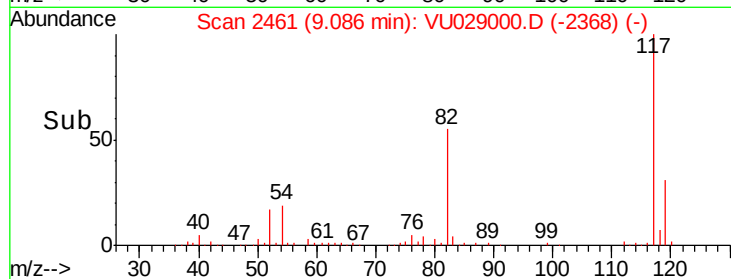
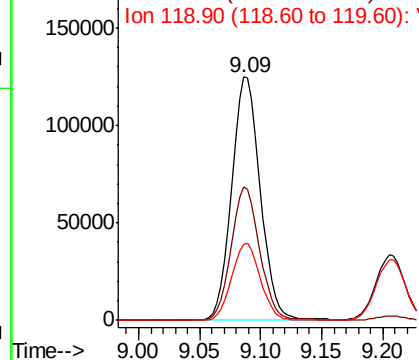
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

Tgt Ion:117 Resp: 205542
Ion Ratio Lower Upper
117 100
82 54.7 43.9 65.9
119 31.2 26.0 39.0

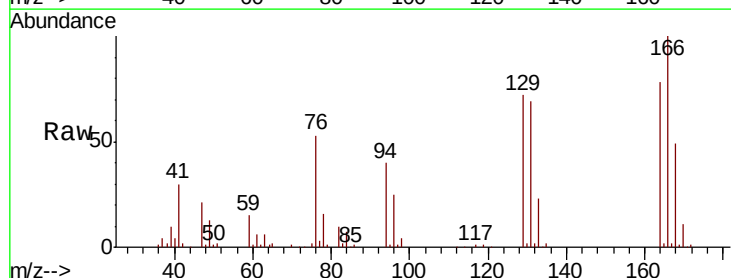


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

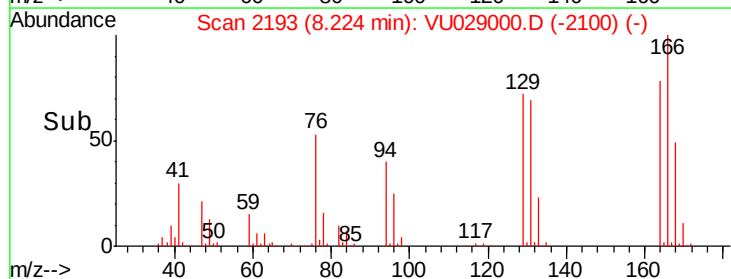
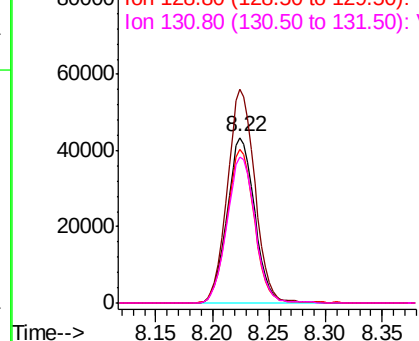


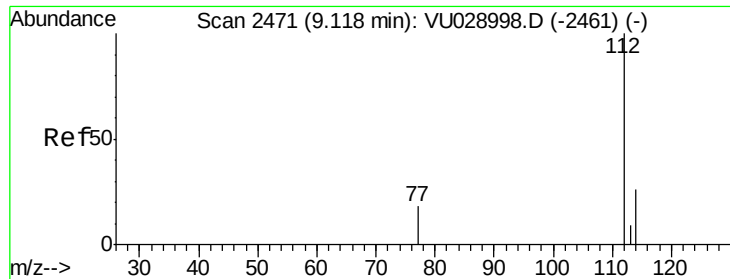
#64
Tetrachloroethene
Concen: 49.834 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion:164 Resp: 73785
Ion Ratio Lower Upper
164 100
166 128.9 99.4 149.0
129 93.0 70.5 105.7
131 88.4 69.0 103.6



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

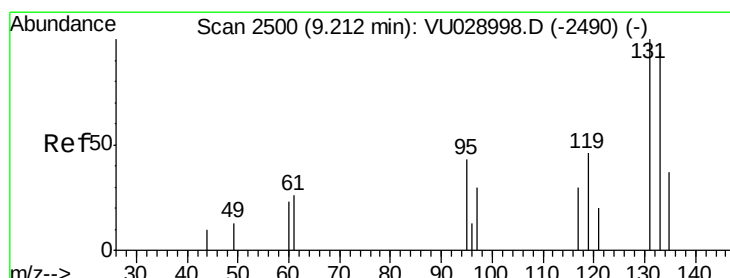
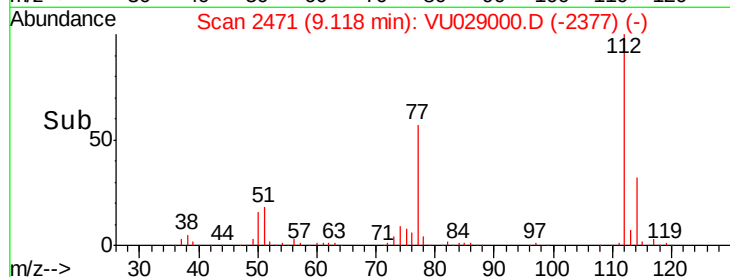
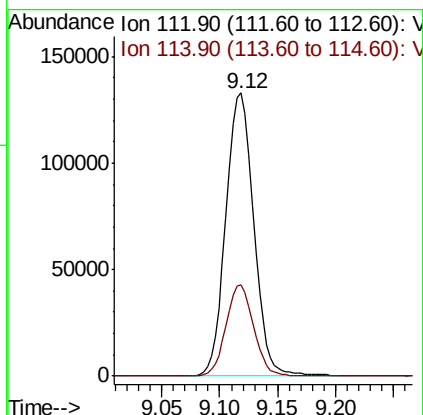
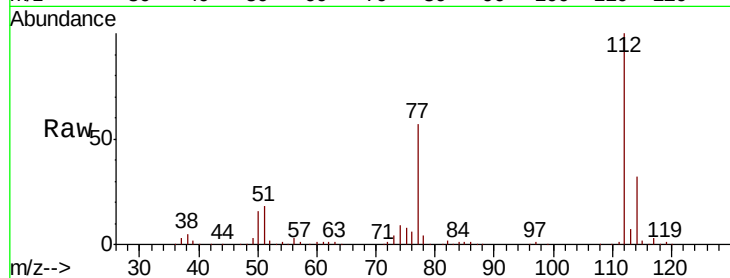




#65
Chlorobenzene
Concen: 48.141 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

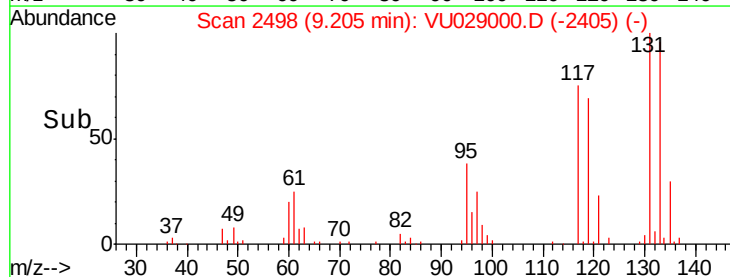
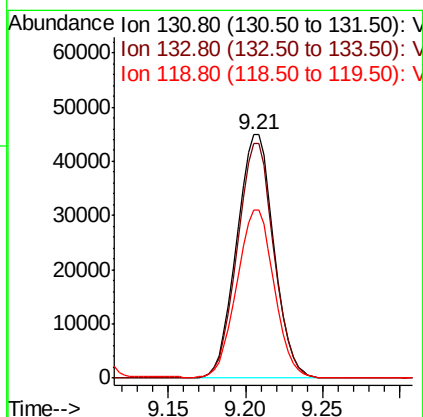
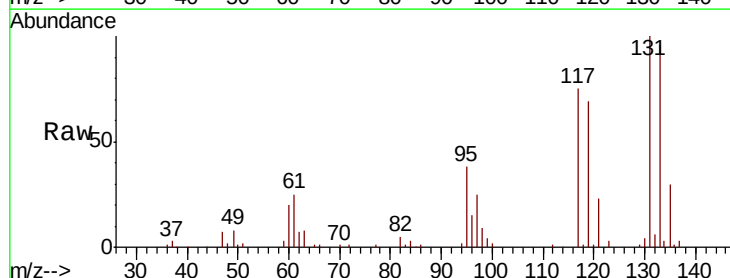
Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

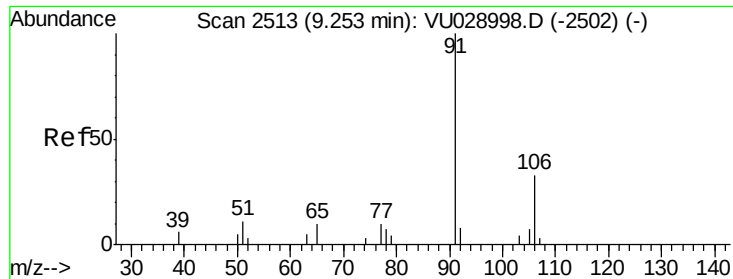
Tgt Ion:112 Resp: 221799
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.275 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion:131 Resp: 75170
Ion Ratio Lower Upper
131 100
133 94.8 48.2 144.6
119 69.4 35.4 106.3

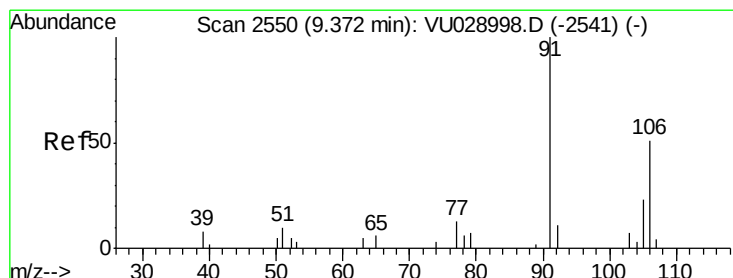
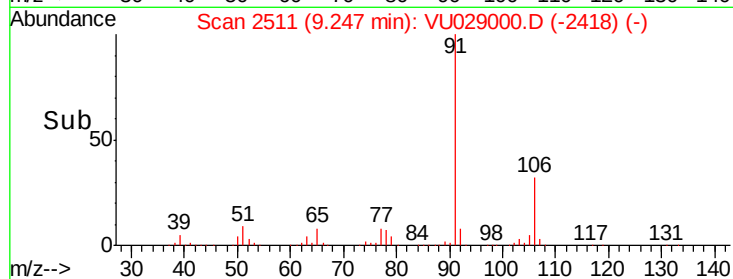
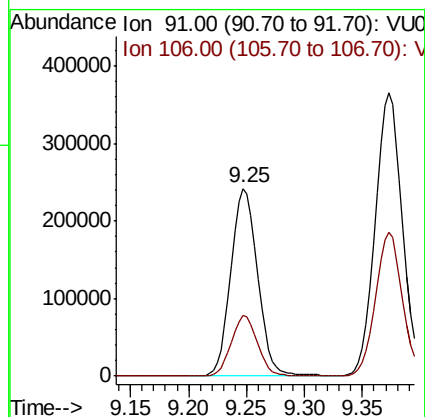
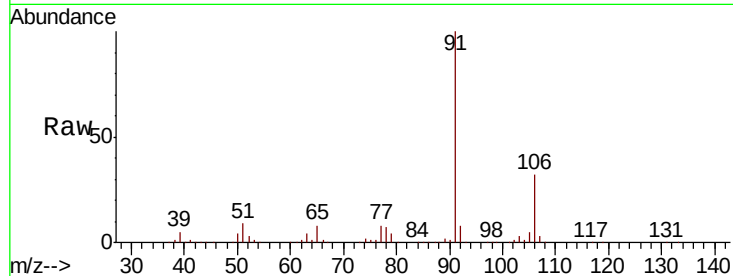




#67
 Ethyl Benzene
 Concen: 50.173 ug/l
 RT: 9.25 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

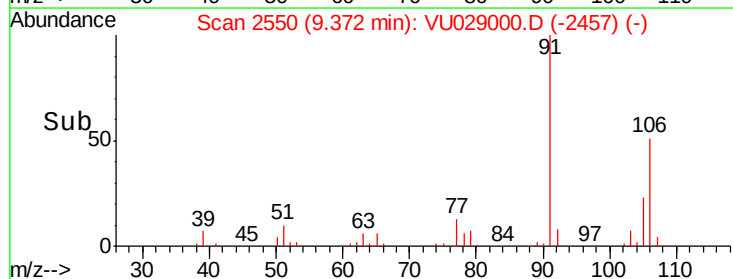
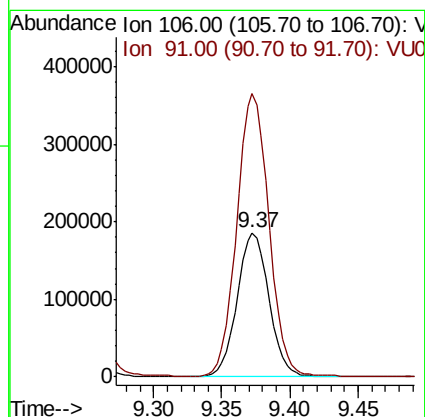
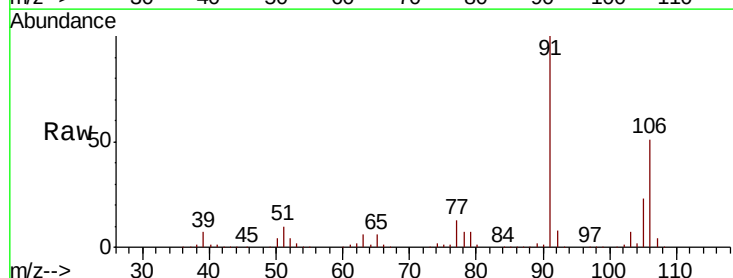
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

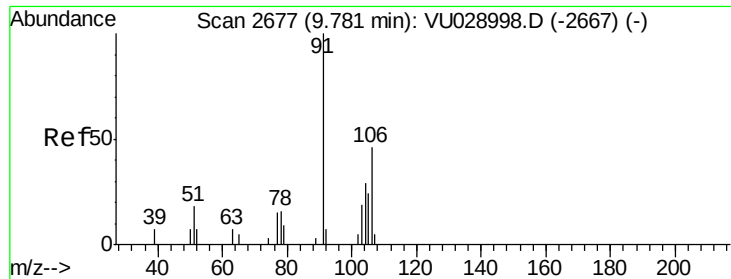
Tgt Ion: 91 Resp: 385935
 Ion Ratio Lower Upper
 91 100
 106 32.0 25.0 37.4



#68
 m/p-Xylenes
 Concen: 100.202 ug/l
 RT: 9.37 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion: 106 Resp: 299480
 Ion Ratio Lower Upper
 106 100
 91 200.3 161.7 242.5

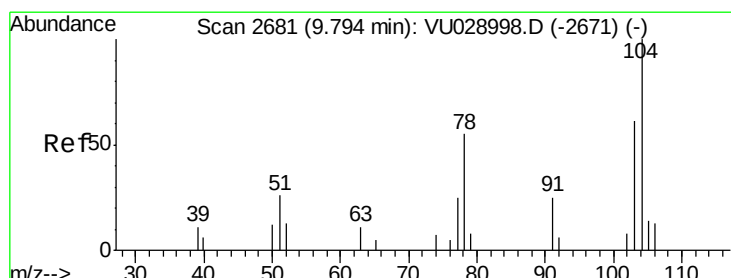
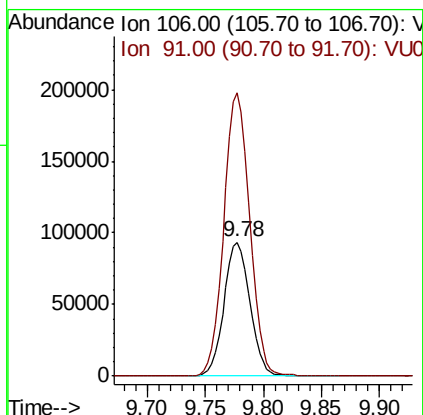
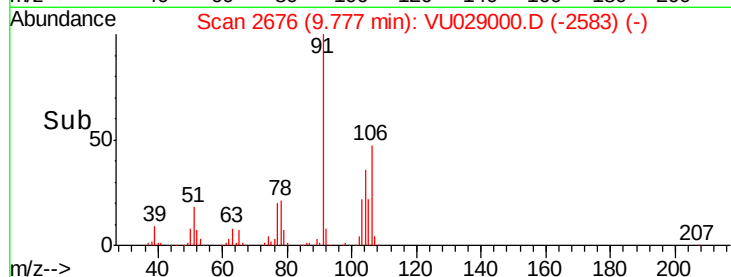
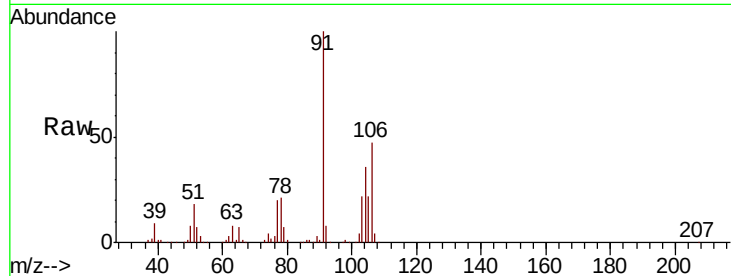




#69
o-Xylene
Concen: 50.497 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

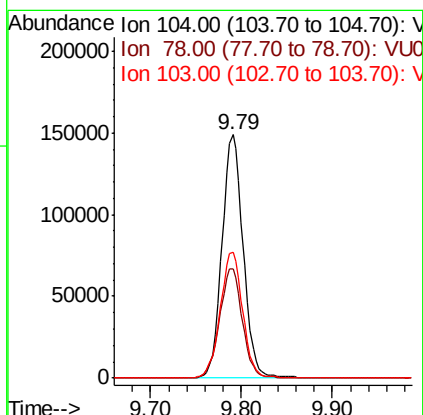
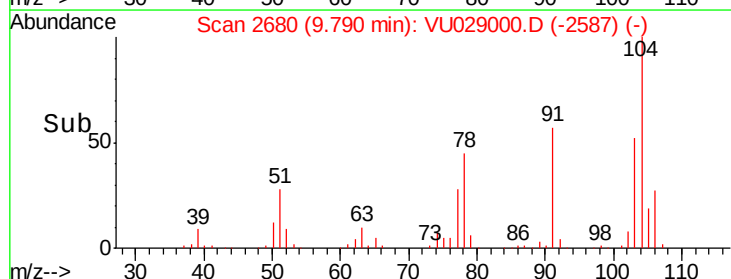
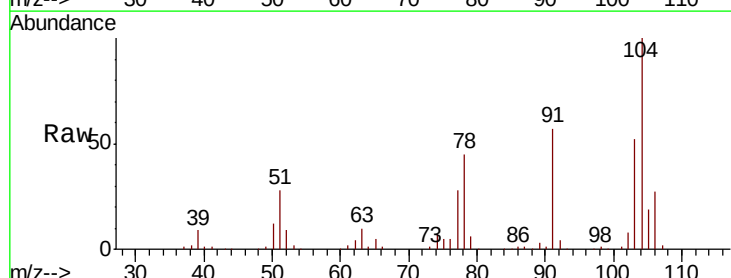
Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

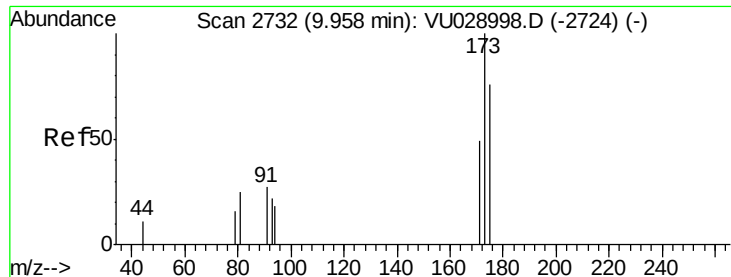
Tgt Ion:106 Resp: 145420
Ion Ratio Lower Upper
106 100
91 211.3 106.1 318.3



#70
Styrene
Concen: 51.014 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion:104 Resp: 240833
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 55.1 44.5 66.7





#71

Bromoform

Concen: 49.822 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

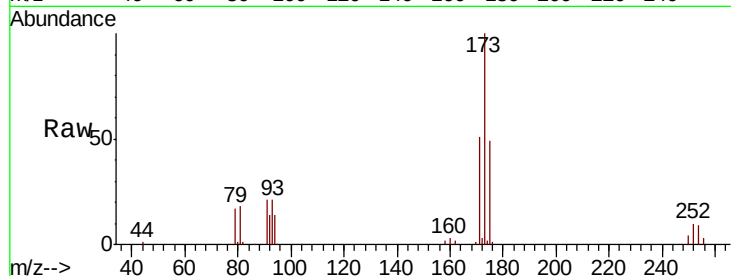
Tgt Ion:173 Resp: 66329

Ion Ratio Lower Upper

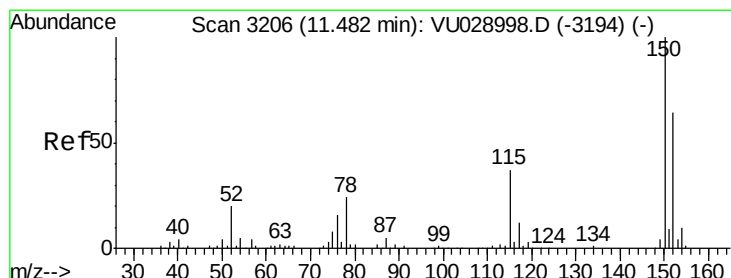
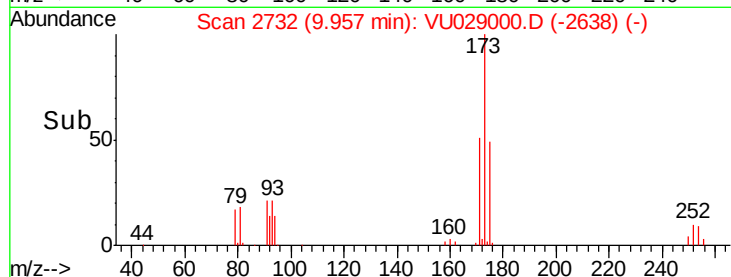
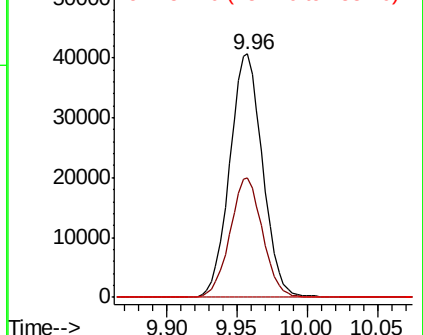
173 100

175 48.3 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: VU029000.D

Acq: 03 Jan 2019 16:18

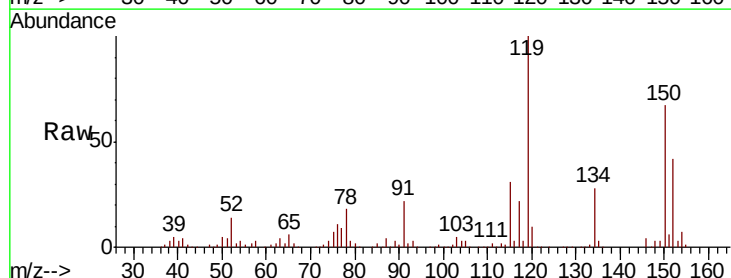
Tgt Ion:152 Resp: 105083

Ion Ratio Lower Upper

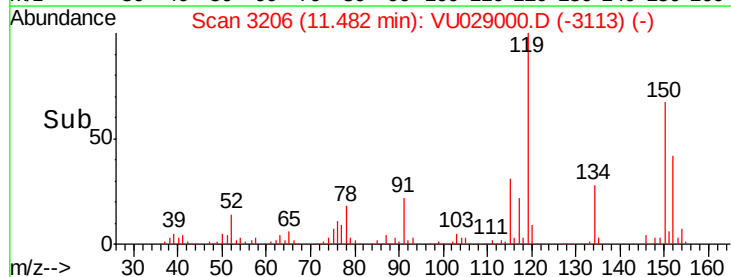
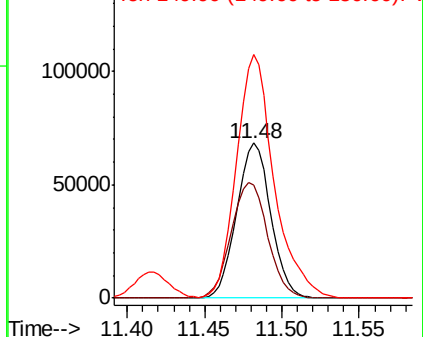
152 100

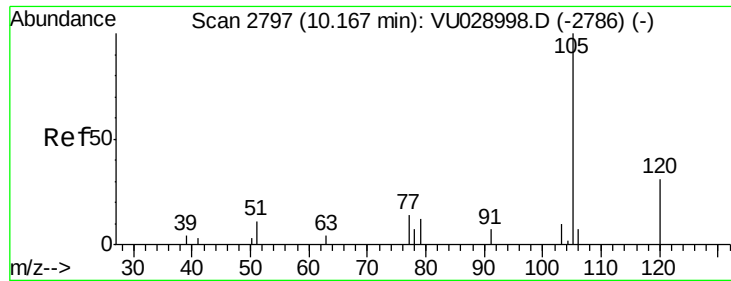
115 79.6 40.1 120.3

150 173.1 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: 48.890 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

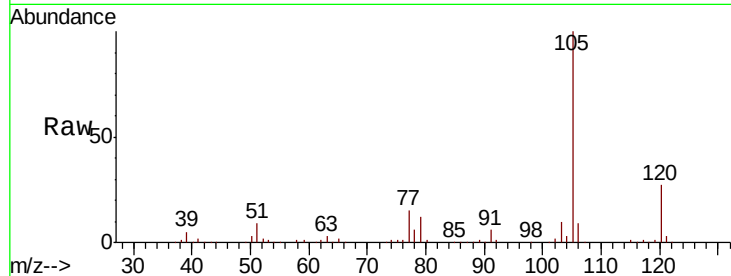
ICVVU010319

Tgt Ion: 105 Resp: 380265

Ion Ratio Lower Upper

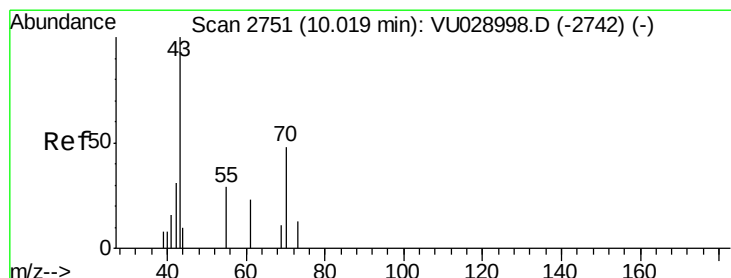
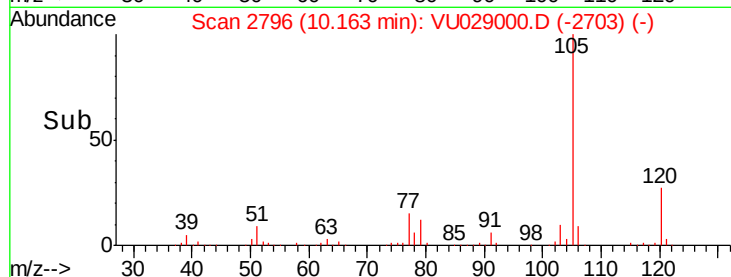
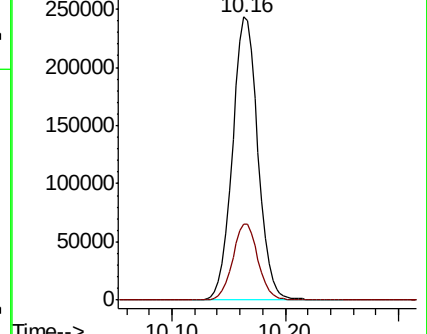
105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.241 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Tgt Ion: 43 Resp: 168388

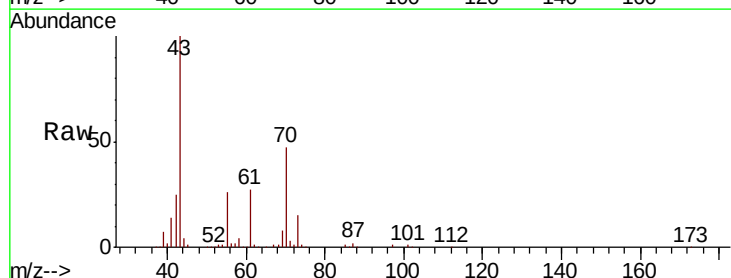
Ion Ratio Lower Upper

43 100

70 45.8 36.3 54.5

55 25.9 20.5 30.7

61 26.8 21.8 32.8

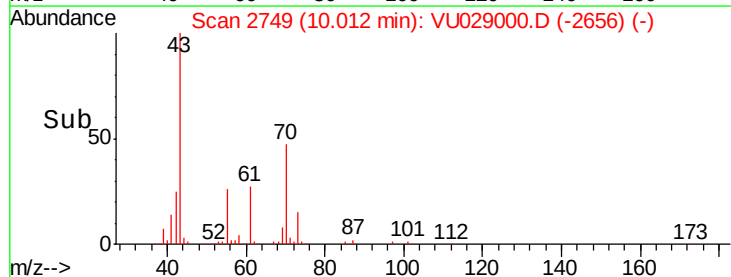
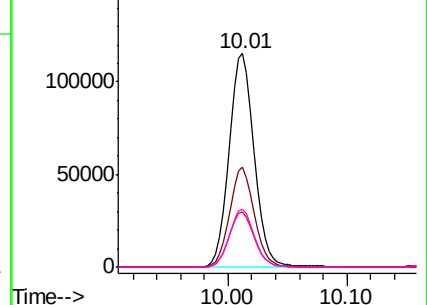


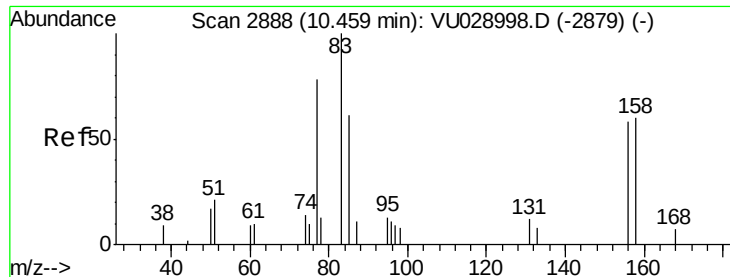
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.250 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

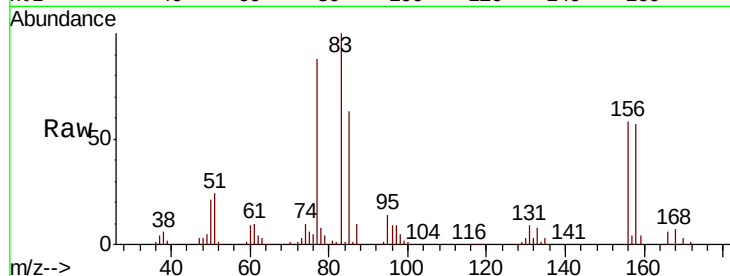
Tgt Ion: 83 Resp: 147294

Ion Ratio Lower Upper

83 100

131 8.7 4.7 14.1

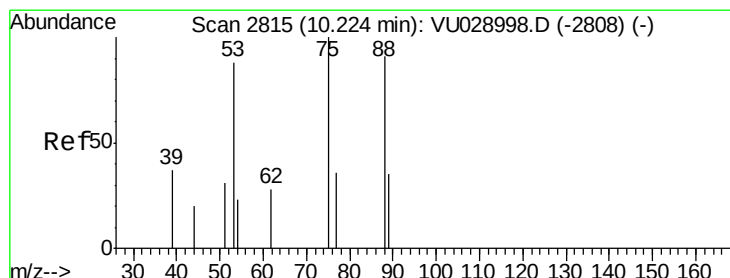
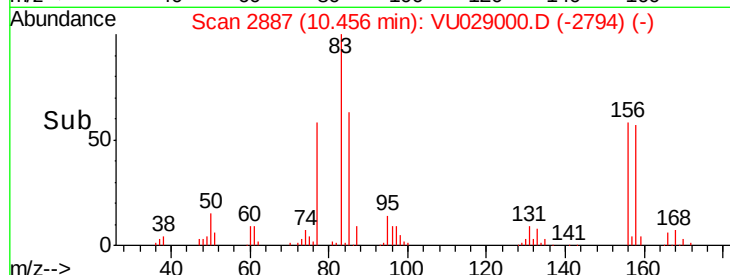
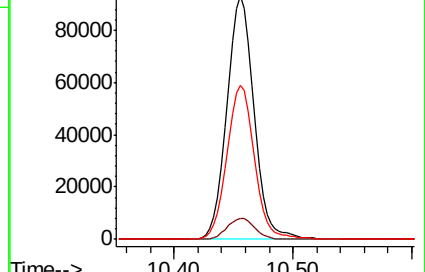
85 64.2 32.0 96.2



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: 65.212 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU029000.D

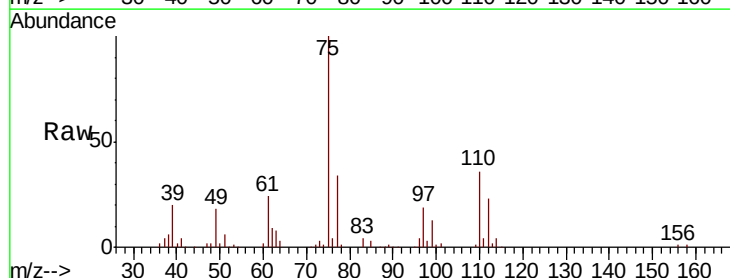
Acq: 03 Jan 2019 16:18

Tgt Ion: 75 Resp: 167901

Ion Ratio Lower Upper

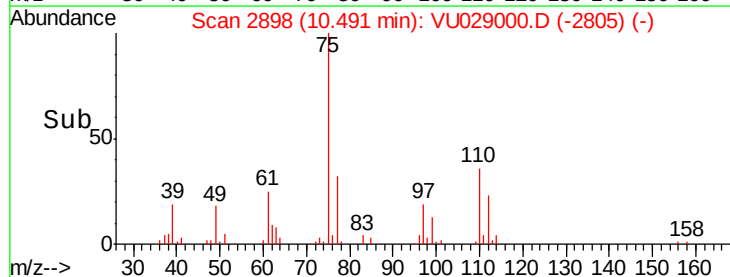
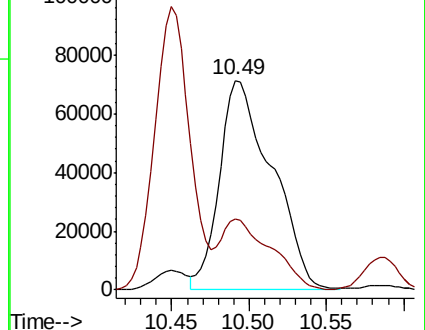
75 100

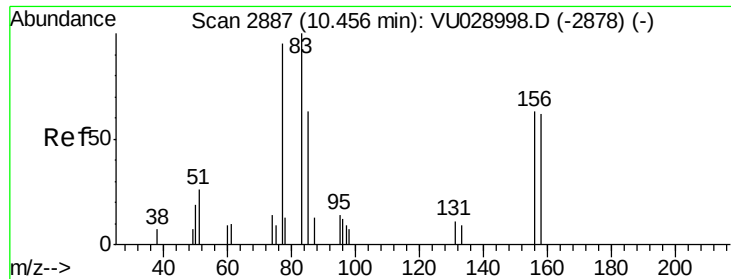
77 31.4 20.9 62.8



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: 48.174 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

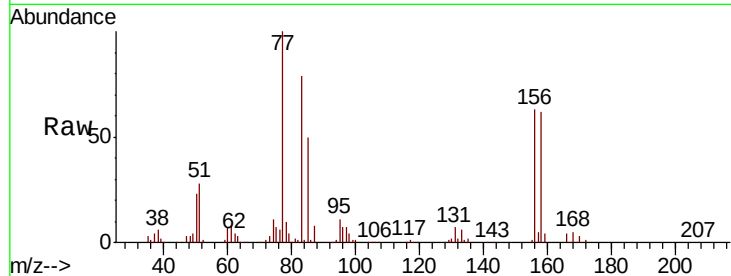
Tgt Ion:156 Resp: 97645

Ion Ratio Lower Upper

156 100

77 157.3 79.0 237.2

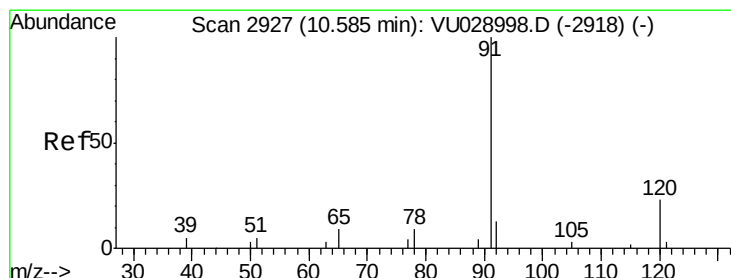
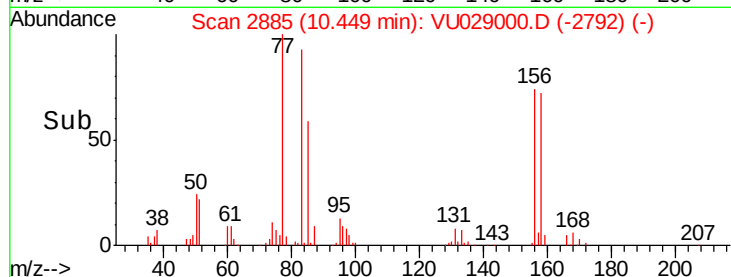
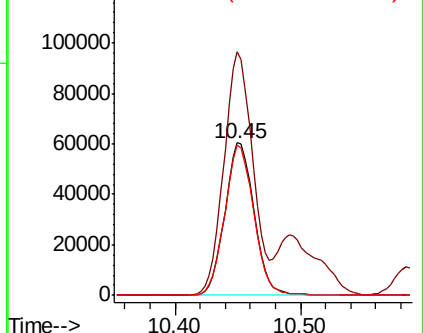
158 98.2 48.9 146.6



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: 49.581 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU029000.D

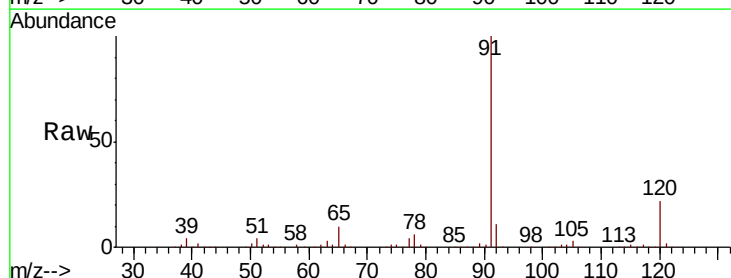
Acq: 03 Jan 2019 16:18

Tgt Ion: 91 Resp: 454466

Ion Ratio Lower Upper

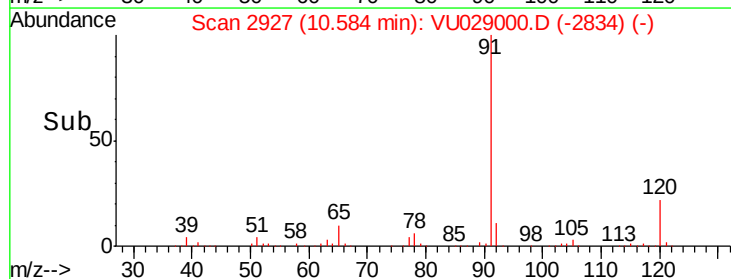
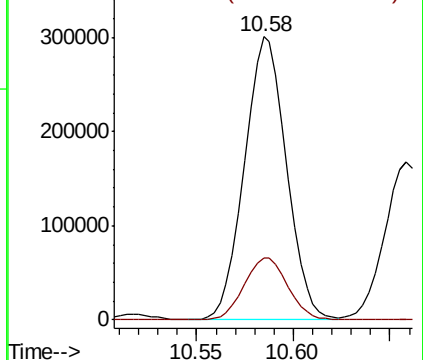
91 100

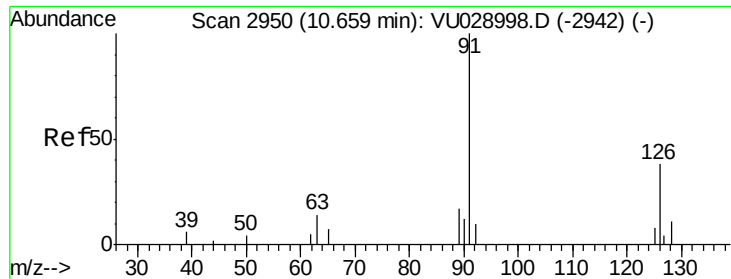
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

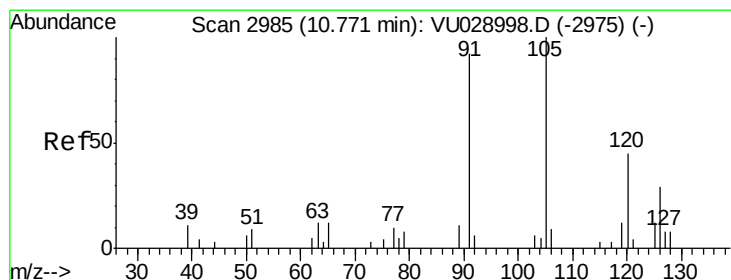
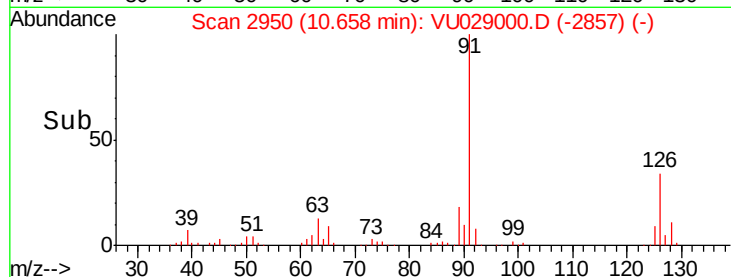
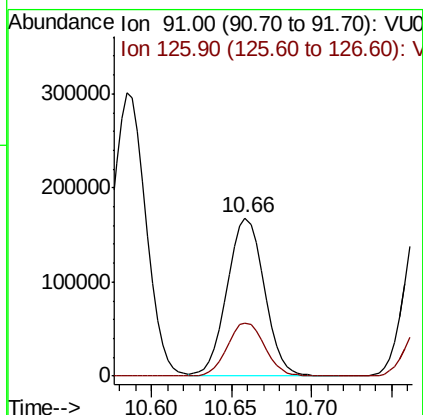
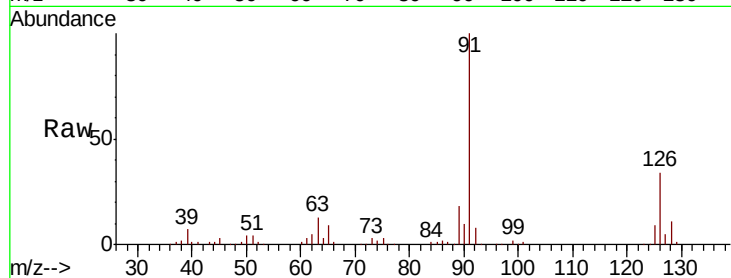




#79
 2-Chlorotoluene
 Concen: 47.639 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

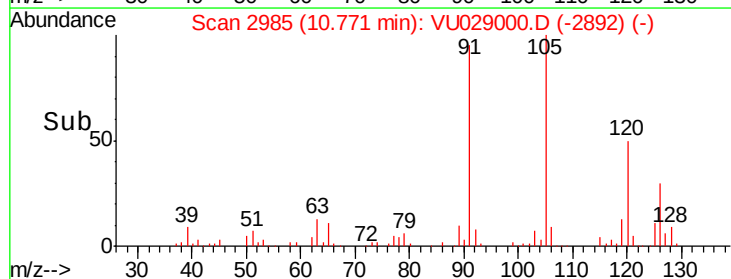
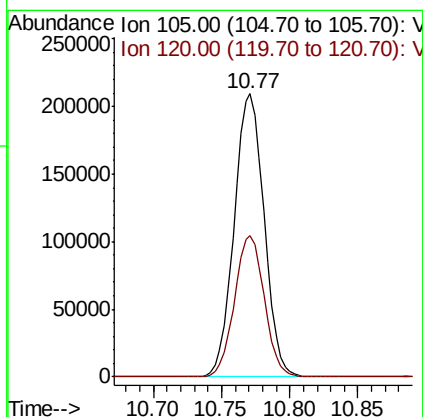
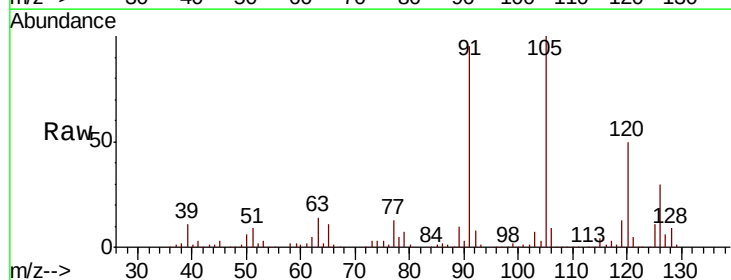
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

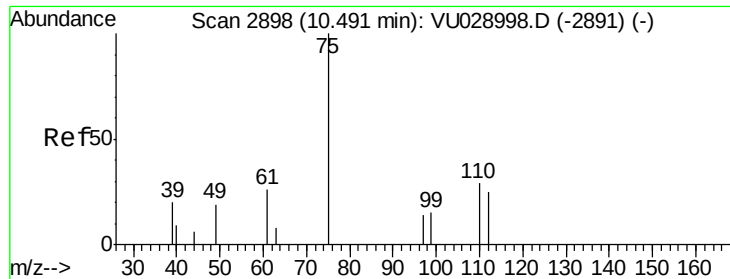
Tgt Ion: 91 Resp: 264887
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.122 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion: 105 Resp: 319059
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 168.185 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU029000.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

ICVVU010319

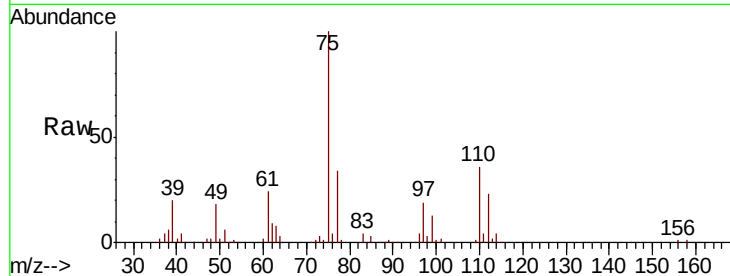
Tgt Ion: 75 Resp: 167901

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

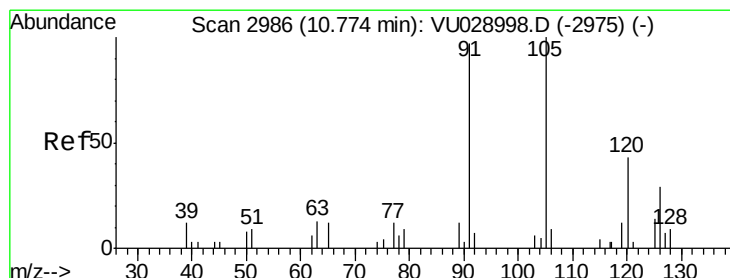
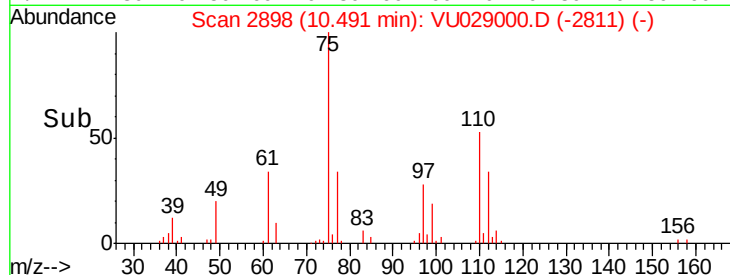
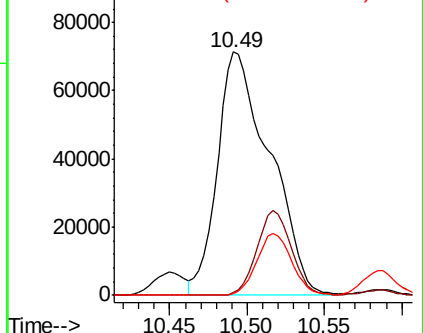
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 47.966 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU029000.D

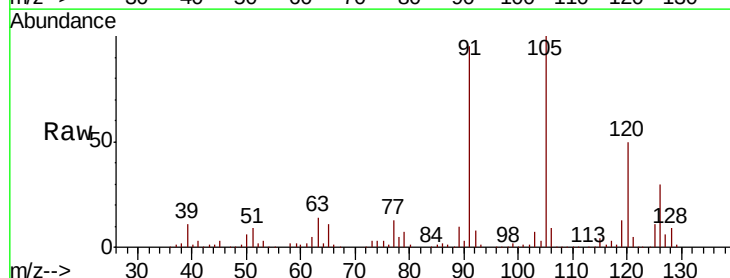
Acq: 03 Jan 2019 16:18

Tgt Ion: 91 Resp: 305823

Ion Ratio Lower Upper

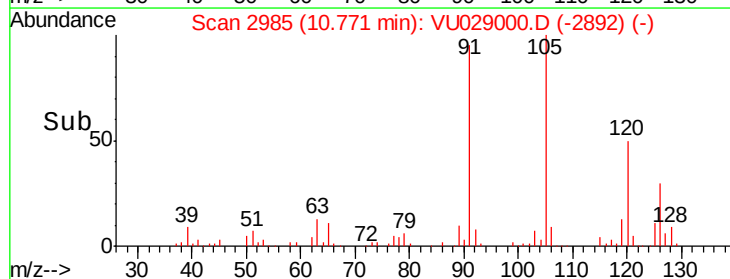
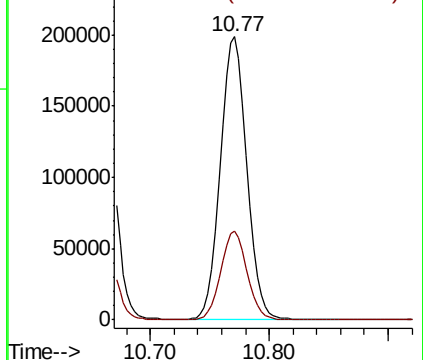
91 100

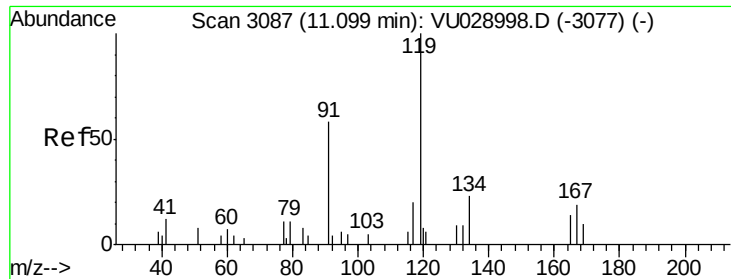
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

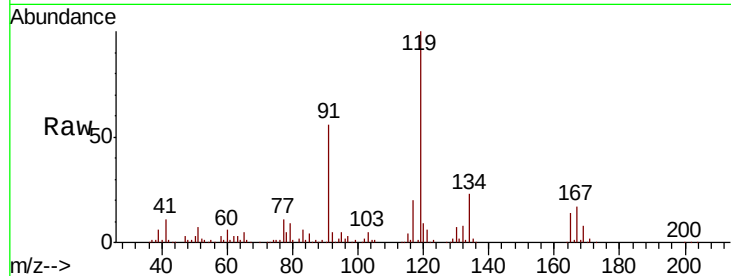




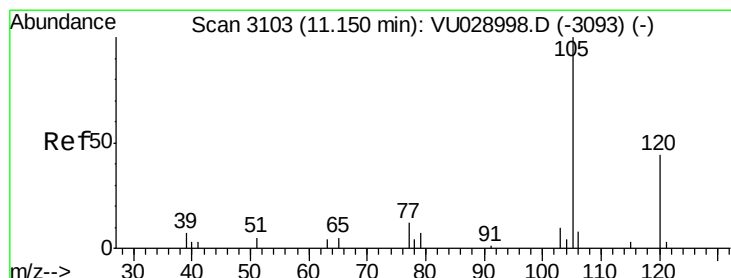
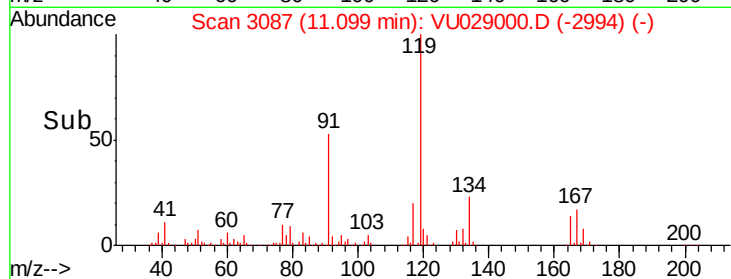
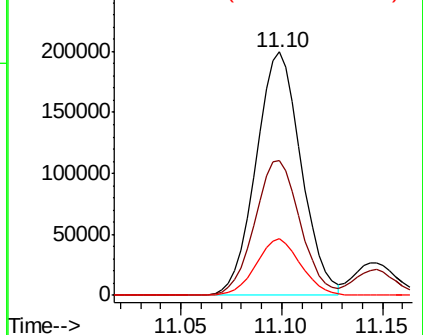
#83
 tert-Butylbenzene
 Concen: 48.610 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

Tgt Ion:119 Resp: 311192
 Ion Ratio Lower Upper
 119 100
 91 55.9 28.2 84.6
 134 23.0 11.3 33.8

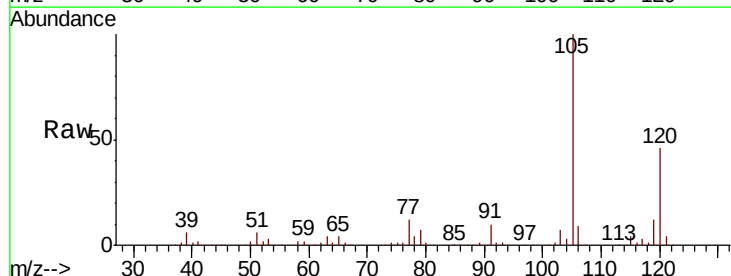


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

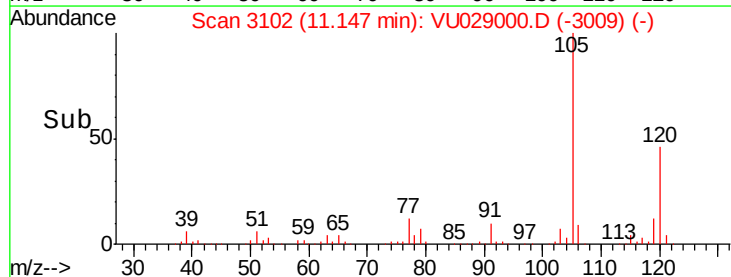
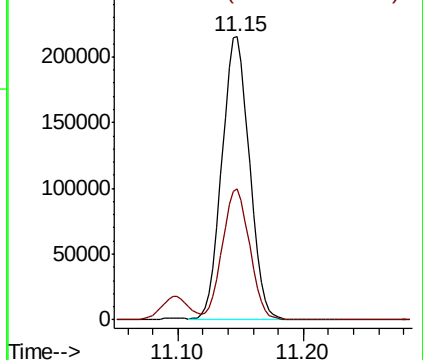


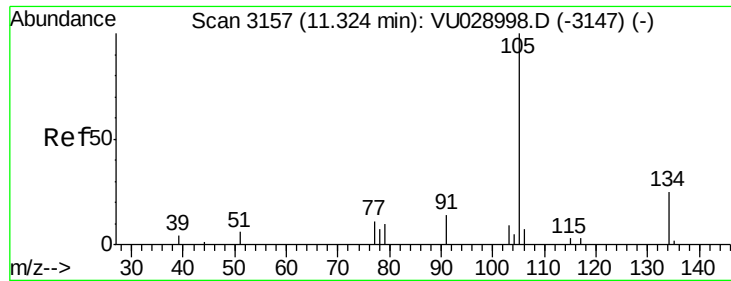
#84
 1,2,4-Trimethylbenzene
 Concen: 50.497 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion:105 Resp: 327466
 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

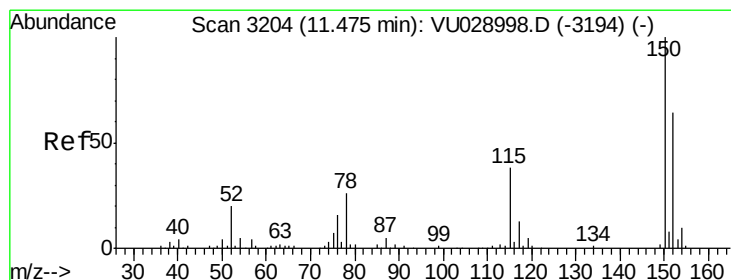
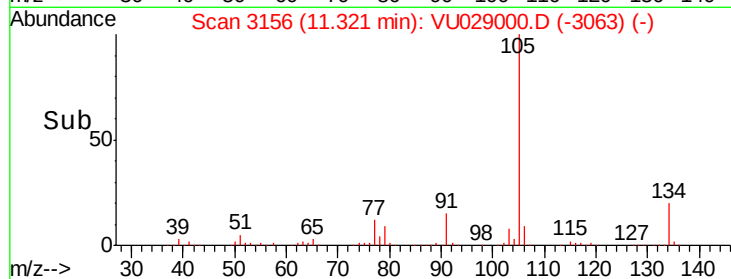
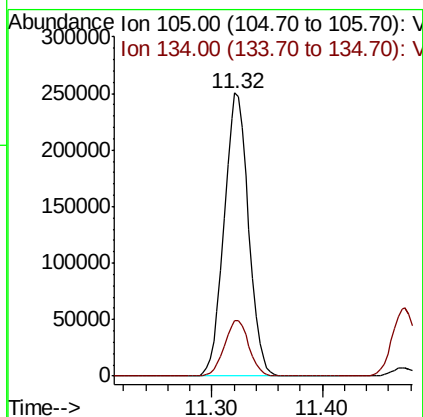
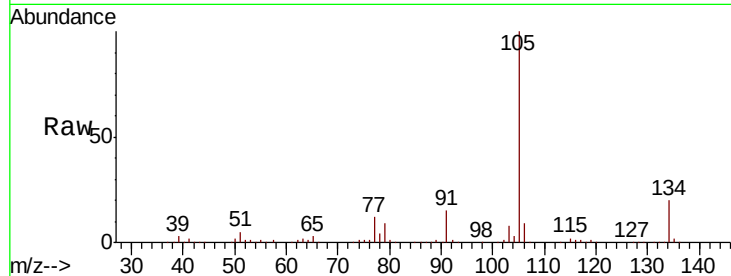




#85
 sec-Butylbenzene
 Concen: 49.463 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

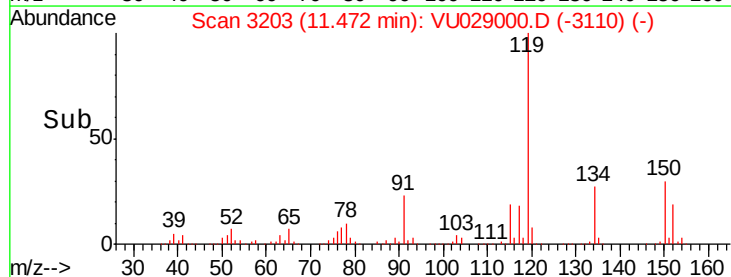
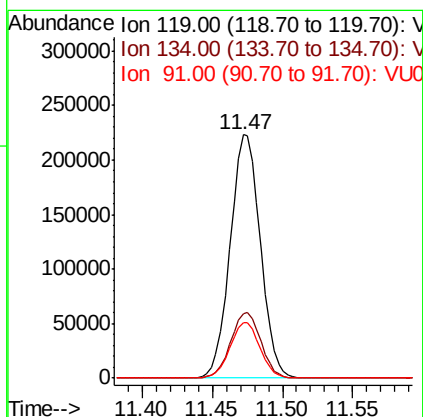
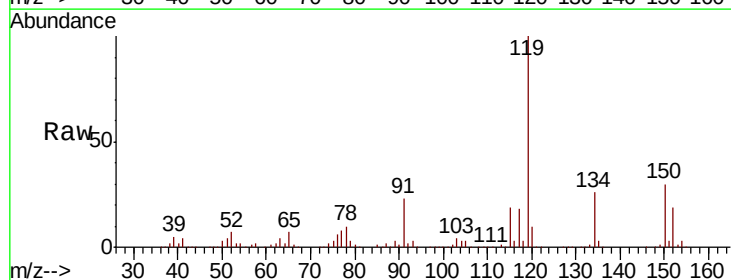
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

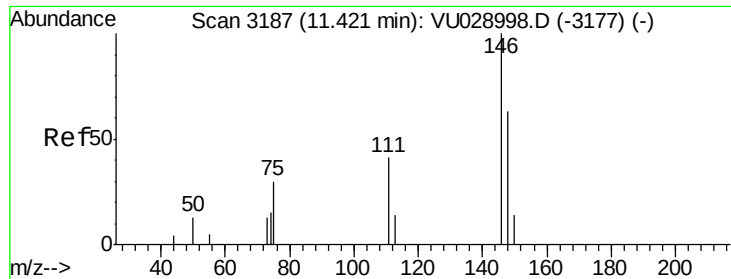
Tgt Ion:105 Resp: 382962
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 50.551 ug/l
 RT: 11.47 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion:119 Resp: 333509
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 22.9 11.3 33.8

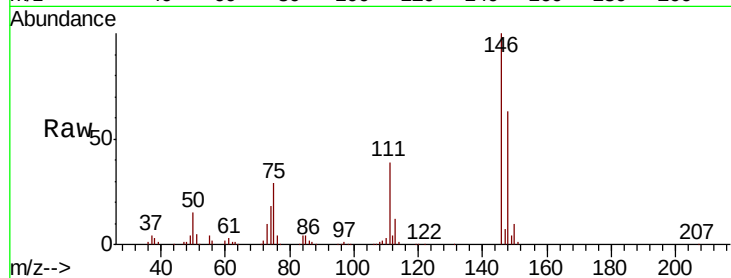




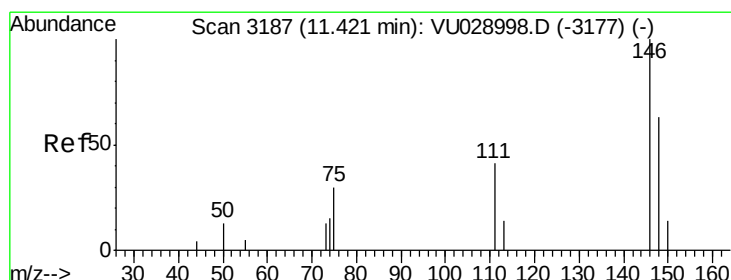
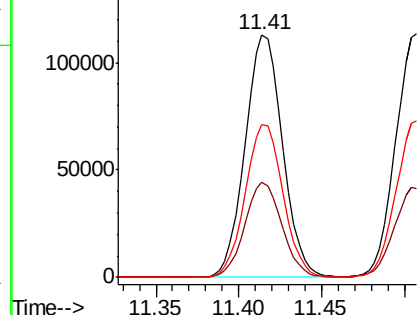
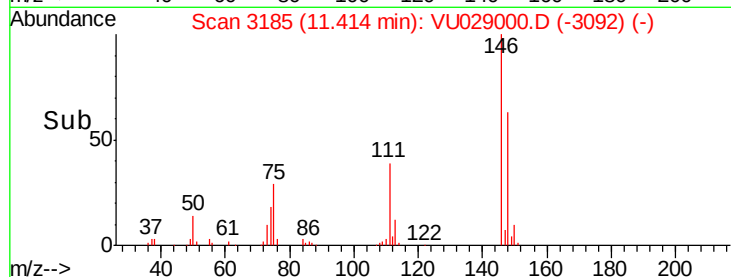
#87
 1,3-Dichlorobenzene
 Concen: 47.687 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

Tgt Ion:146 Resp: 177294
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.8
 148 63.5 32.5 97.5

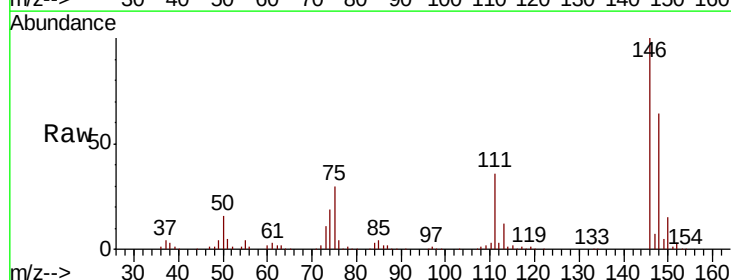


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

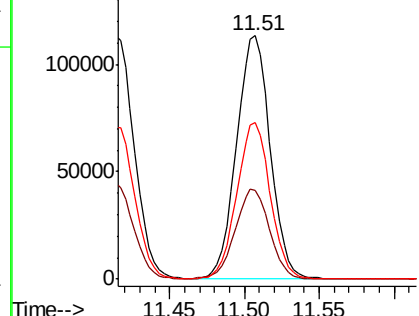
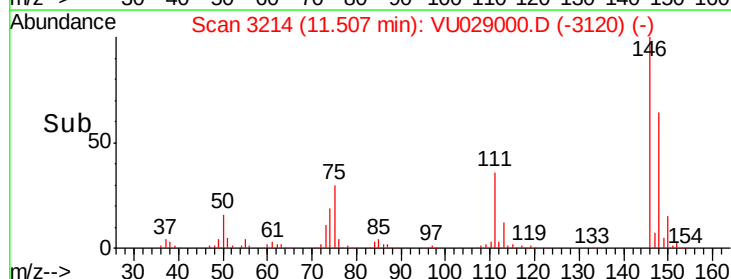


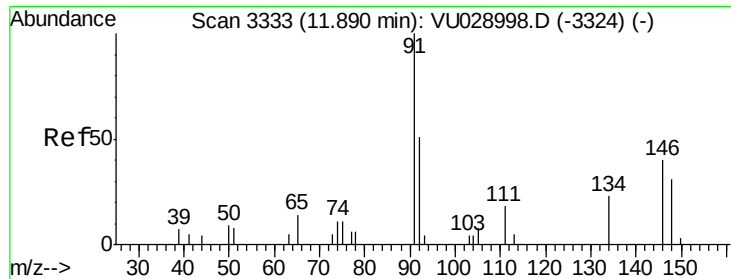
#88
 1,4-Dichlorobenzene
 Concen: 46.052 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion:146 Resp: 176734
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.3
 148 64.0 32.6 98.0



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

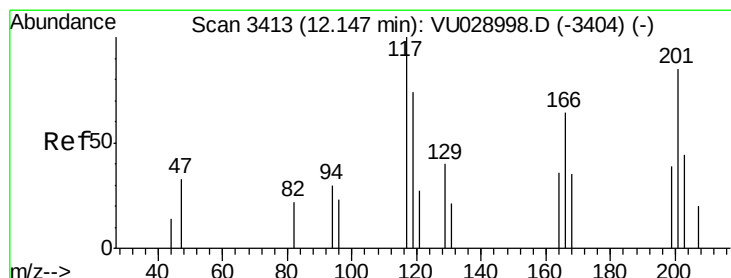
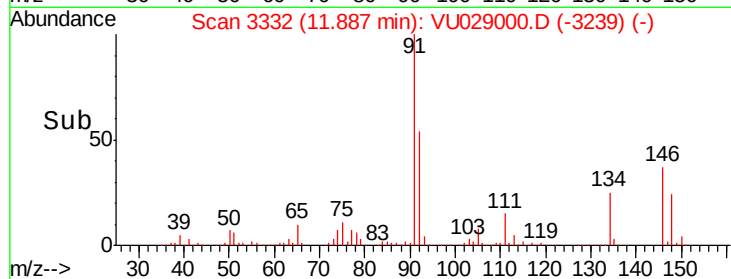
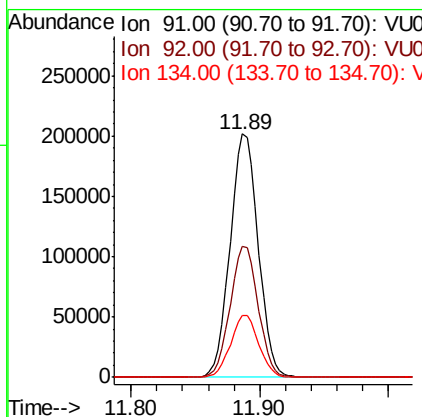
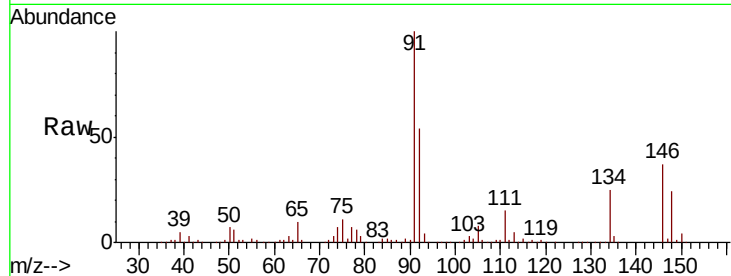




#89
n-Butylbenzene
Concen: 51.885 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

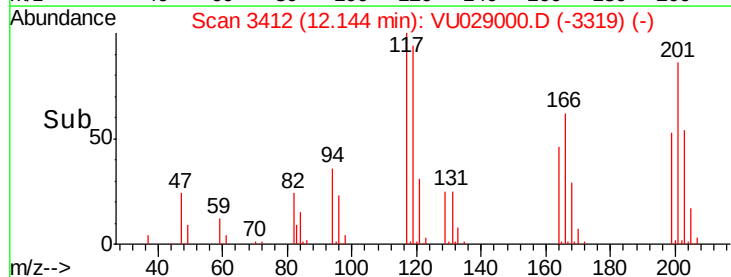
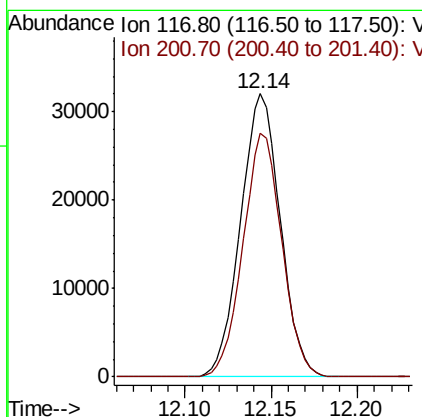
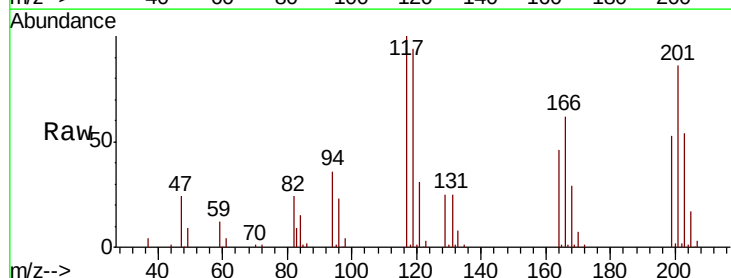
Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

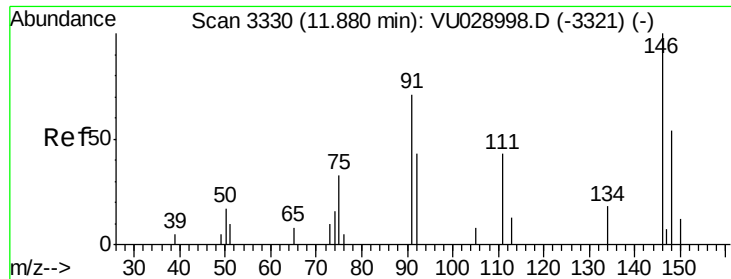
Tgt Ion: 91 Resp: 305521
Ion Ratio Lower Upper
91 100
92 53.6 26.2 78.5
134 25.4 12.6 37.6



#90
Hexachloroethane
Concen: 46.281 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion: 117 Resp: 51366
Ion Ratio Lower Upper
117 100
201 84.2 42.4 127.3

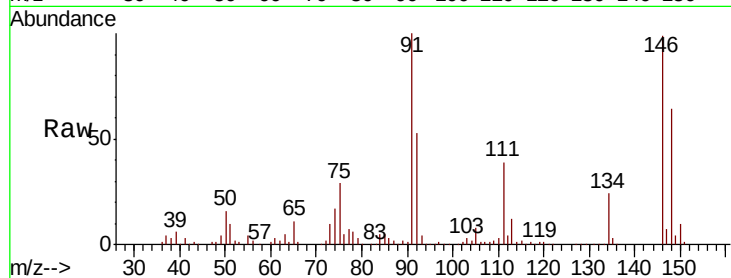




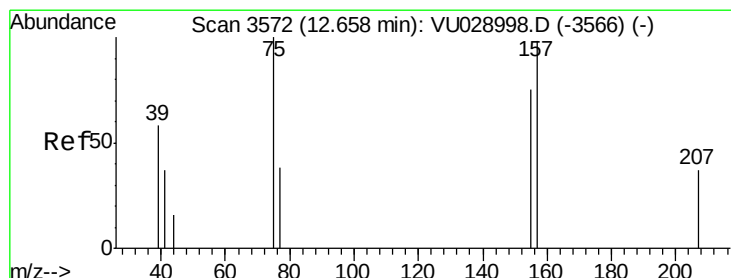
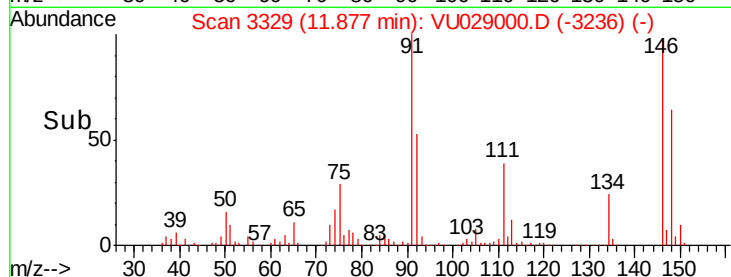
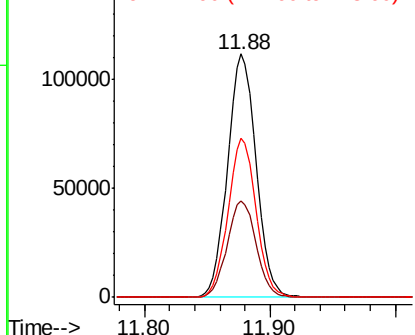
#91
 1,2-Dichlorobenzene
 Concen: 47.009 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

Tgt Ion: 146 Resp: 176037
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 64.1 31.6 94.8

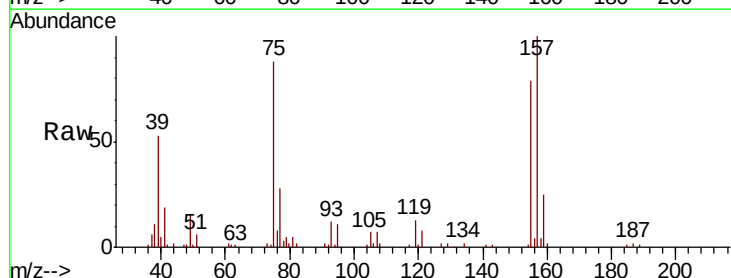


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

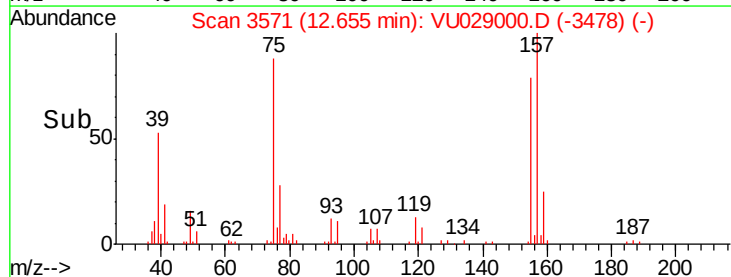
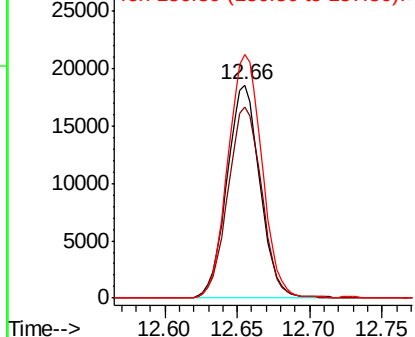


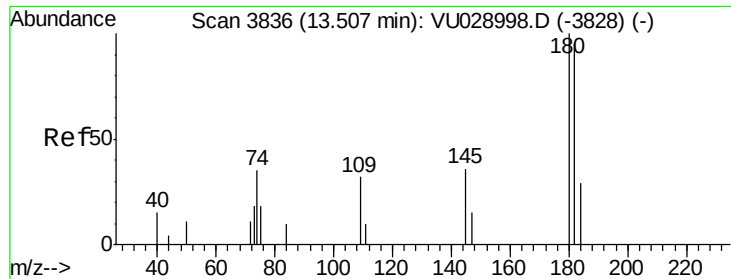
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.020 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion: 75 Resp: 29391
 Ion Ratio Lower Upper
 75 100
 155 91.7 46.3 138.8
 157 117.6 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

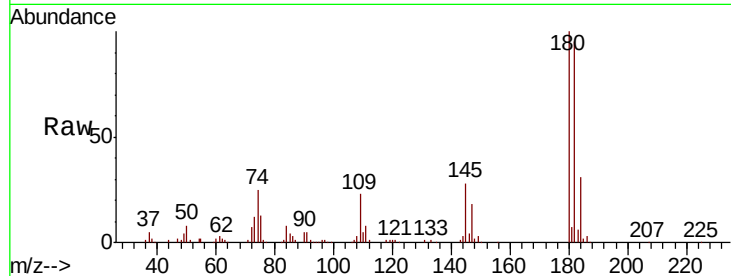




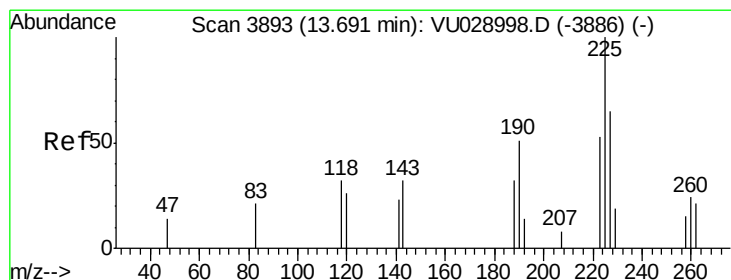
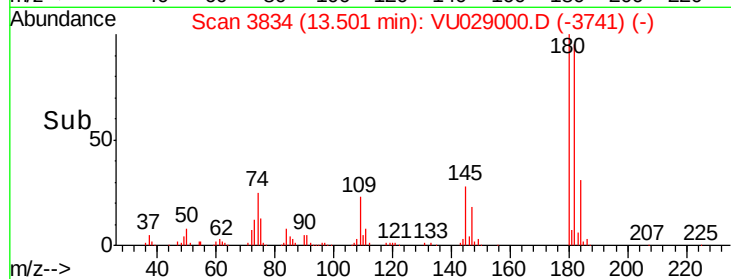
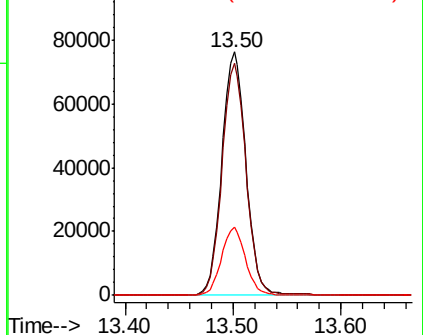
#93
 1,2,4-Trichlorobenzene
 Concen: 49.745 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU010319

Tgt Ion:180 Resp: 118912
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.5 142.6
 145 27.8 14.0 42.0

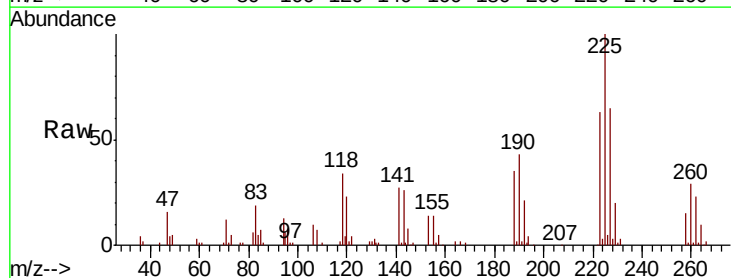


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

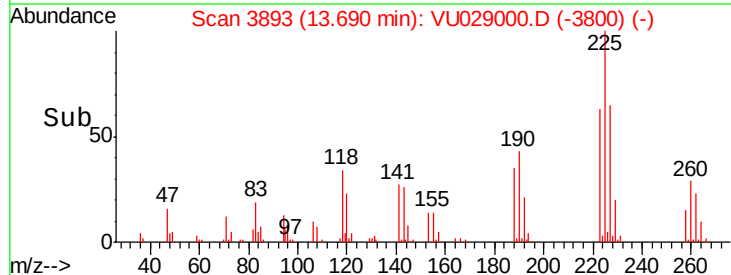
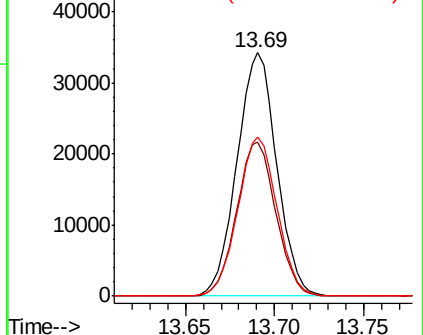


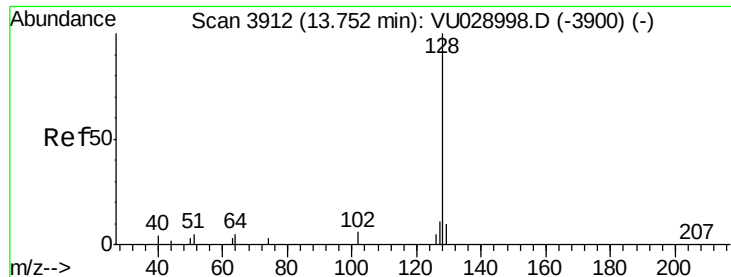
#94
 Hexachlorobutadiene
 Concen: 48.704 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029000.D
 Acq: 03 Jan 2019 16:18

Tgt Ion:225 Resp: 53252
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.0
 227 64.6 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

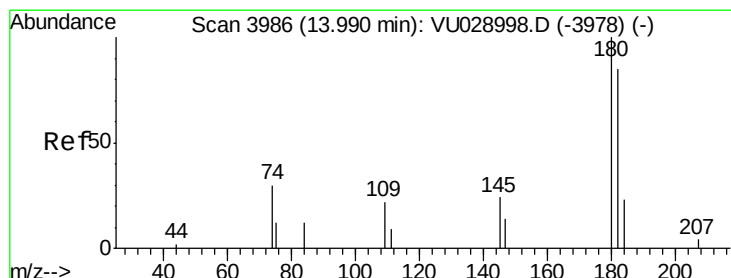
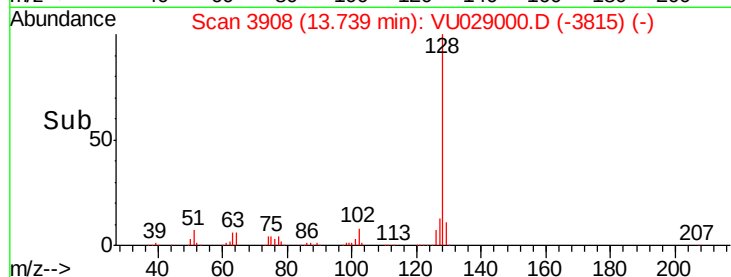
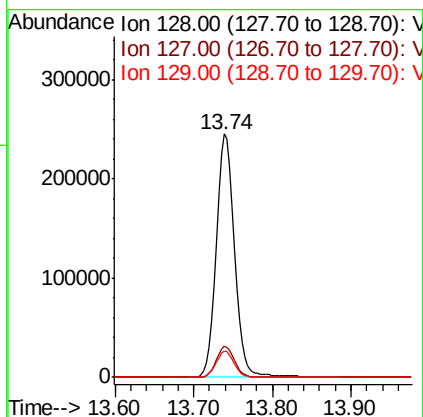
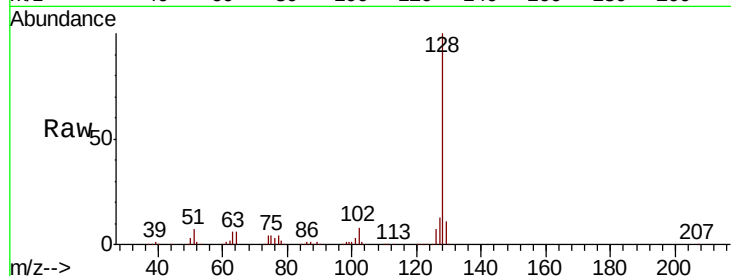




#95
Naphthalene
Concen: 48.143 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
ICVVU010319

Tgt Ion:128 Resp: 391492
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.5 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 48.394 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029000.D
Acq: 03 Jan 2019 16:18

Tgt Ion:180 Resp: 119028
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.3
145 30.2 14.8 44.4

