

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091218\
 Data File : VU026681.D
 Acq On : 11 Sep 2018 12:30
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 12 04:55:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 04:37:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166355	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	168814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	110413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	250092	152.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.42%	
35) Dibromofluoromethane	4.88	113	208476	153.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.28%	
50) Toluene-d8	7.57	98	794953	158.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.80%	
62) 4-Bromofluorobenzene	10.31	95	322476	177.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	354.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	176442	151.27	ug/l	99
3) Chloromethane	1.32	50	232978	142.96	ug/l	100
4) Vinyl Chloride	1.40	62	253451	150.08	ug/l	100
5) Bromomethane	1.60	94	144490	136.60	ug/l	99
6) Chloroethane	1.67	64	155552	144.73	ug/l	97
7) Trichlorofluoromethane	1.87	101	331188	150.02	ug/l	99
8) Diethyl Ether	2.10	74	142803	147.61	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	192835	147.08	ug/l	100
10) Methyl Iodide	2.40	142	214026	216.67	ug/l	99
11) Tert butyl alcohol	2.85	59	294973	738.93	ug/l	99
12) 1,1-Dichloroethene	2.28	96	184692	149.01	ug/l	98
13) Acrolein	2.19	56	191116	710.44	ug/l	99
14) Allyl chloride	2.59	41	376765	168.78	ug/l	89
15) Acrylonitrile	2.94	53	674487	787.87	ug/l	99
16) Acetone	2.32	43	611153	659.12	ug/l	99
17) Carbon Disulfide	2.47	76	579898	147.05	ug/l	99
18) Methyl Acetate	2.61	43	303995	151.95	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	658395	154.28	ug/l	99
20) Methylene Chloride	2.70	84	219390	145.87	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	199706	152.95	ug/l	99
22) Diisopropyl ether	3.57	45	731151	156.93	ug/l	98
23) Vinyl Acetate	3.52	43	3216618	812.76	ug/l	100
24) 1,1-Dichloroethane	3.44	63	396074	150.70	ug/l	100
25) 2-Butanone	4.26	43	947297	758.44	ug/l	100
26) 2,2-Dichloropropane	4.22	77	321733	148.93	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	231742	153.99	ug/l	99
28) Bromochloromethane	4.55	49	183689	146.16	ug/l	99
29) Tetrahydrofuran	4.64	42	583666	775.10	ug/l	100
30) Chloroform	4.67	83	385870	149.30	ug/l	98
31) Cyclohexane	5.00	56	360586	132.56	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	328817	153.66	ug/l	99
36) 1,1-Dichloropropene	5.13	75	297057	159.05	ug/l	100
37) Ethyl Acetate	4.38	43	339839	151.31	ug/l	99
38) Carbon Tetrachloride	5.13	117	297575	150.80	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	365331	164.74	ug/l	98
40) Benzene	5.39	78	881087	151.90	ug/l	99
41) Methacrylonitrile	4.54	41	191397	164.18	ug/l	99
42) 1,2-Dichloroethane	5.40	62	309995	149.88	ug/l	100
43) Isopropyl Acetate	5.55	43	562500	164.48	ug/l	100
44) Trichloroethene	6.19	130	223421	155.63	ug/l	99
45) 1,2-Dichloropropane	6.43	63	244698	155.19	ug/l	99
46) Dibromomethane	6.56	93	158176	155.45	ug/l	98
47) Bromodichloromethane	6.76	83	313873	156.65	ug/l	100
48) Methyl methacrylate	6.62	41	290709	172.27	ug/l	99
49) 1,4-Dioxane	6.62	88	132986	3399.85	ug/l	99
51) 4-Methyl-2-Pentanone	7.47	43	1960549	857.06	ug/l	100
52) Toluene	7.64	92	557519	161.36	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	379210	170.62	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	387883	162.53	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	233577	157.79	ug/l	98
56) Ethyl methacrylate	8.02	69	395752	183.10	ug/l	99
57) 1,3-Dichloropropane	8.24	76	407995	161.70	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	921700	865.01	ug/l	100
59) 2-Hexanone	8.37	43	1566380	870.07	ug/l	99
60) Dibromochloromethane	8.48	129	268666	167.58	ug/l	99
61) 1,2-Dibromoethane	8.59	107	255769	159.24	ug/l	100
64) Tetrachloroethene	8.23	164	196662	146.37	ug/l	99
65) Chlorobenzene	9.12	112	641778	153.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	240834	156.07	ug/l	98
67) Ethyl Benzene	9.25	91	1124142	162.71	ug/l	99
68) m/p-Xylenes	9.38	106	871913	331.76	ug/l	100
69) o-Xylene	9.78	106	431231	168.43	ug/l	100
70) Styrene	9.79	104	734560	175.27	ug/l	99
71) Bromoform	9.96	173	234329	174.60	ug/l	# 100
73) Isopropylbenzene	10.17	105	1157548	153.85	ug/l	99
74) N-amyl acetate	10.02	43	594892	167.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	440252	143.57	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	519103	184.83	ug/l	82
77) Bromobenzene	10.46	156	306487	149.88	ug/l	98
78) n-propylbenzene	10.59	91	1411590	161.31	ug/l	100
79) 2-Chlorotoluene	10.66	91	818280	150.84	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	1011070	159.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	519103	413.18	ug/l	# 100
82) 4-Chlorotoluene	10.77	91	977390	160.36	ug/l	99
83) tert-Butylbenzene	11.10	119	1027790	160.14	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	1033313	161.99	ug/l	99
85) sec-Butylbenzene	11.33	105	1243404	163.14	ug/l	100
86) p-Isopropyltoluene	11.48	119	1116428	167.99	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	567234	148.69	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	573445	144.74	ug/l	99
89) n-Butylbenzene	11.89	91	1043798	179.26	ug/l	99
90) Hexachloroethane	12.15	117	210672	156.64	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	568294	148.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	97426	158.47	ug/l	100

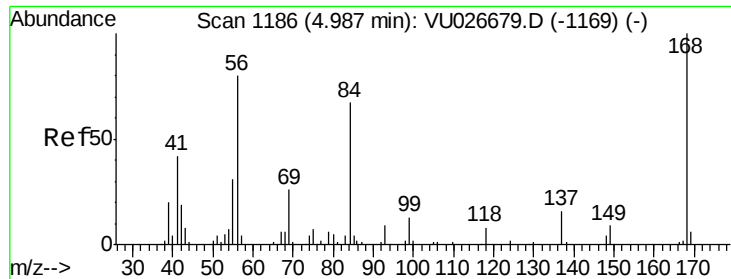
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091218\
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Quant Title : SW846 8260
QLast Update : Wed Sep 12 04:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	414299	162.57	ug/l	100
94) Hexachlorobutadiene	13.69	225	200240	152.74	ug/l	99
95) Naphthalene	13.74	128	1296725	167.98	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	418123	157.10	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

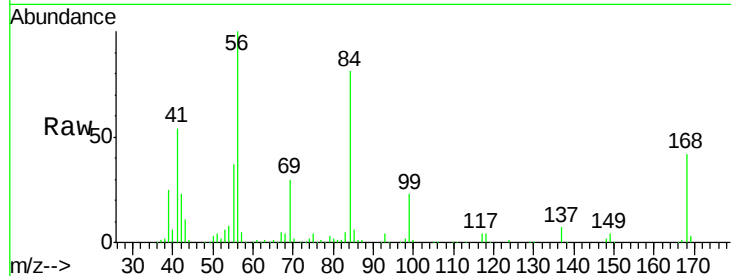
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 107961

Ion Ratio Lower Upper

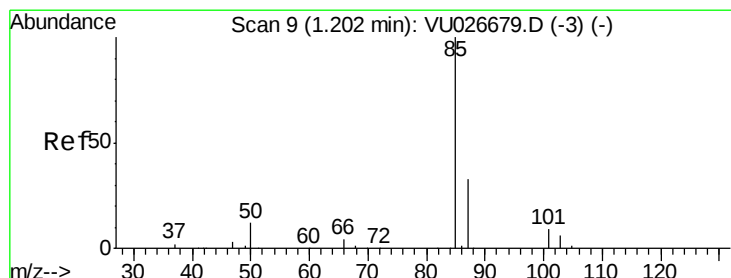
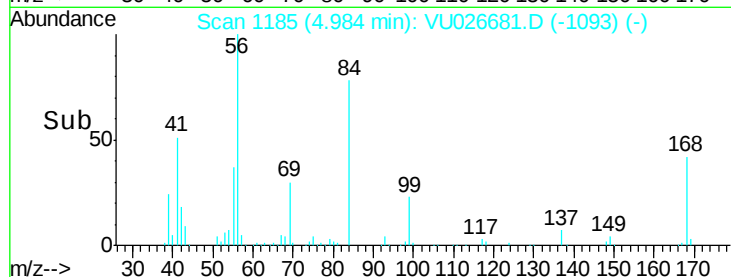
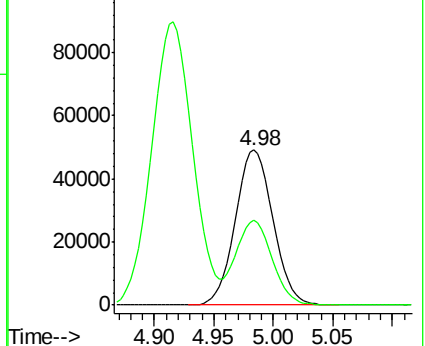
168 100

99 54.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026679.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 151.27 ug/l

RT: 1.20 min Scan# 9

Delta R.T. 0.00 min

Lab File: VU026681.D

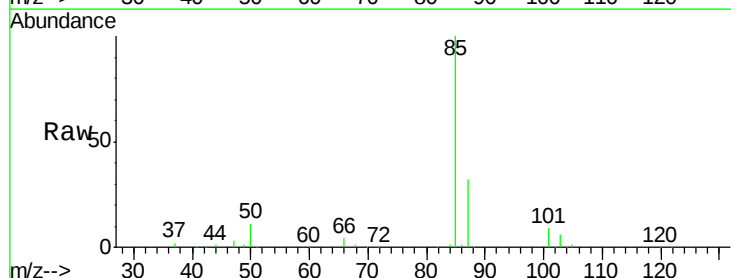
Acq: 11 Sep 2018 12:30

Tgt Ion: 85 Resp: 176442

Ion Ratio Lower Upper

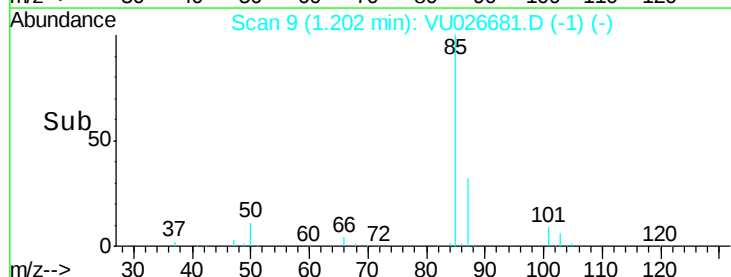
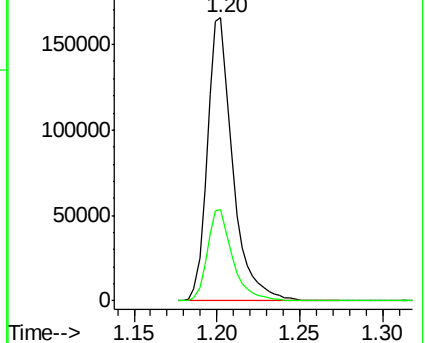
85 100

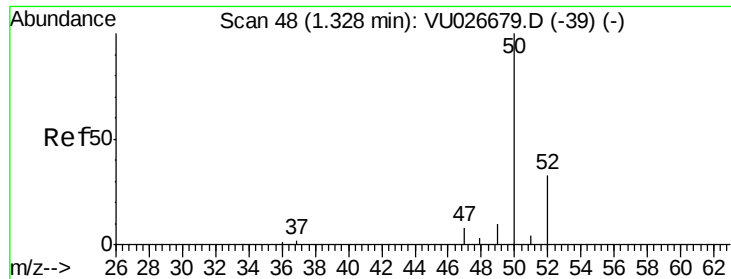
87 32.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VU026679.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026679.D (-3) (-)

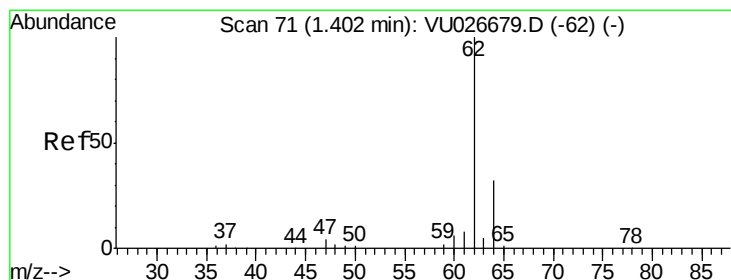
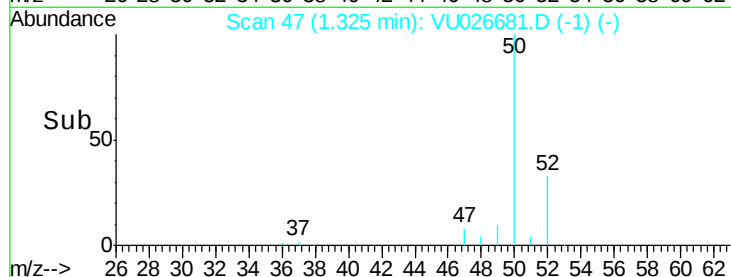
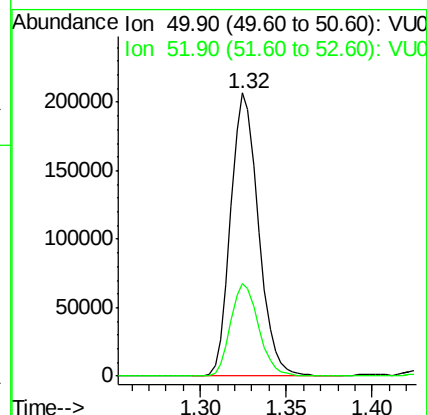
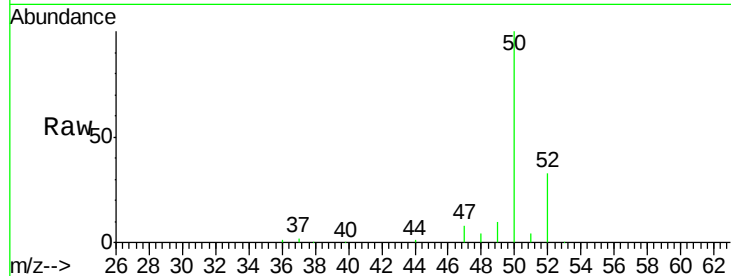




#3
Chloromethane
Concen: 142.96 ug/l
RT: 1.32 min Scan# 47
Delta R.T. -0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

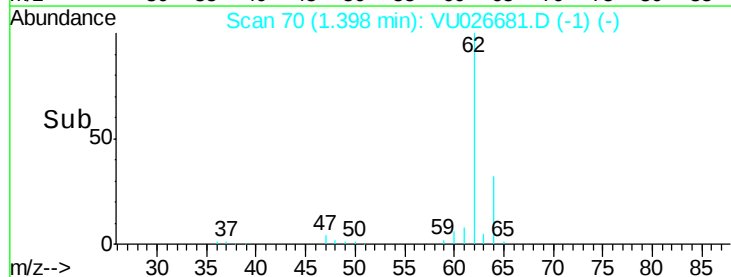
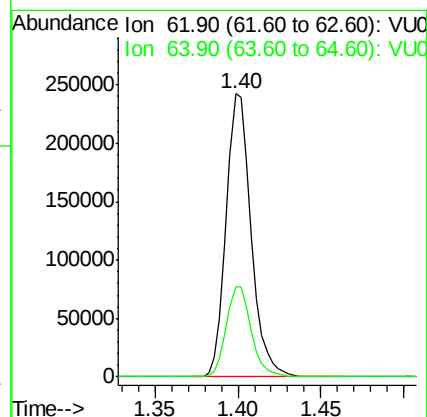
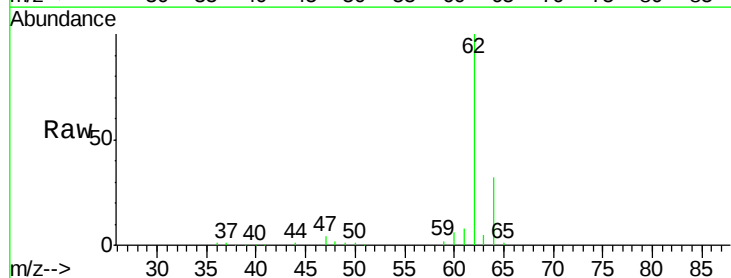
Instrument :
MSVOA_U
ClientSampleId :

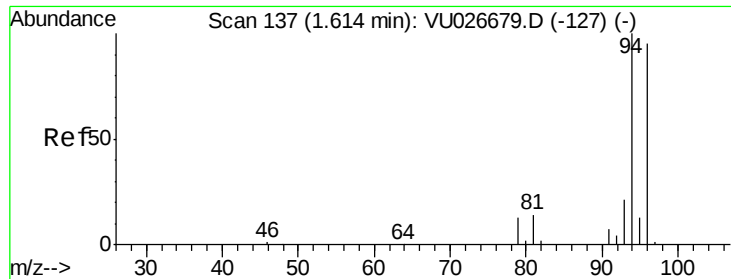
Tot Ion: 50 Resp: 232978
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5



#4
Vinyl Chloride
Concen: 150.08 ug/l
RT: 1.40 min Scan# 70
Delta R.T. -0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 62 Resp: 253451
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4

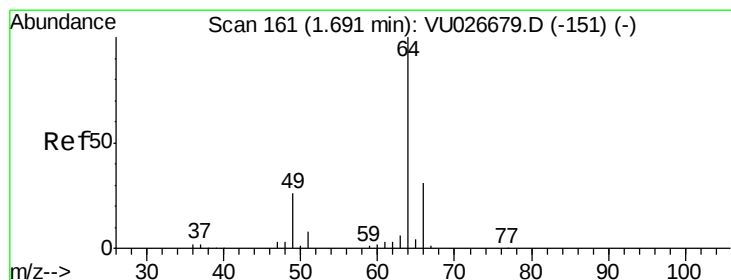
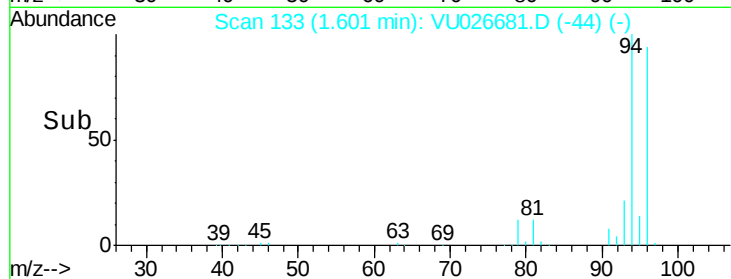
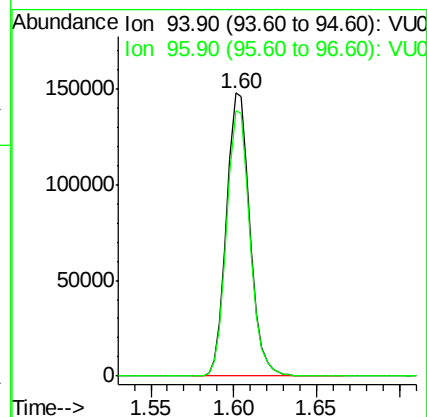
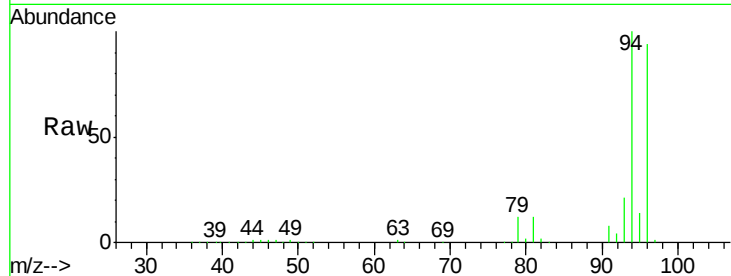




#5
Bromomethane
Concen: 136.60 ug/l
RT: 1.60 min Scan# 133
Delta R.T. -0.01 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

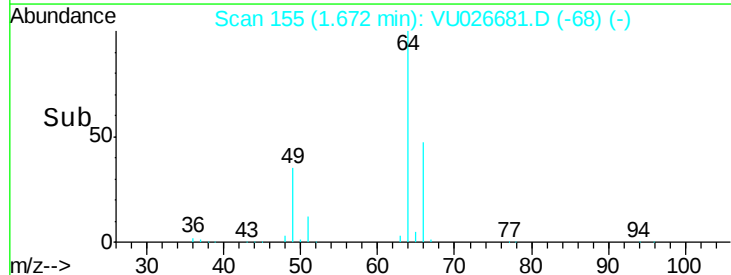
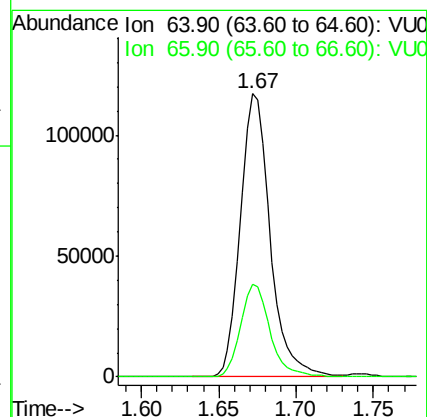
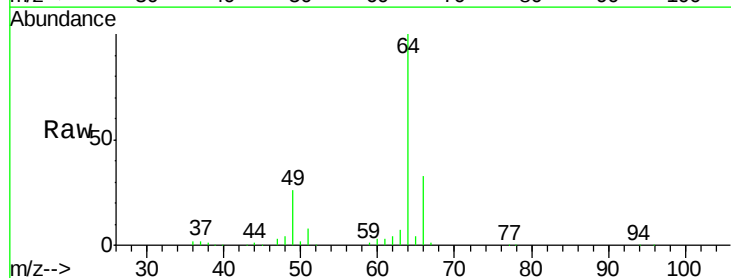
Instrument :
MSVOA_U
ClientSampleId :

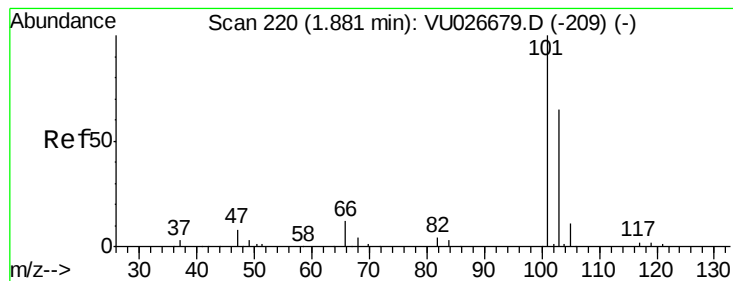
Tot Ion: 94 Resp: 144490
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.6



#6
Chloroethane
Concen: 144.73 ug/l
RT: 1.67 min Scan# 155
Delta R.T. -0.02 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 64 Resp: 155552
Ion Ratio Lower Upper
64 100
66 32.6 24.7 37.1



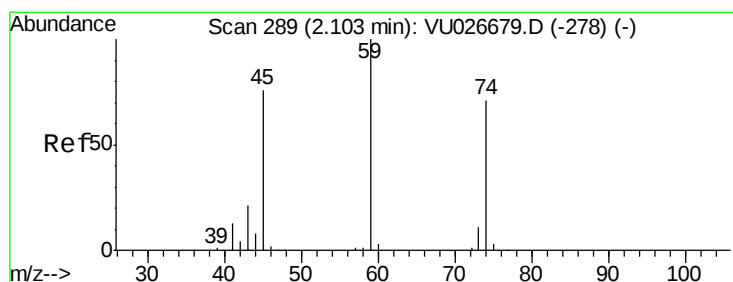
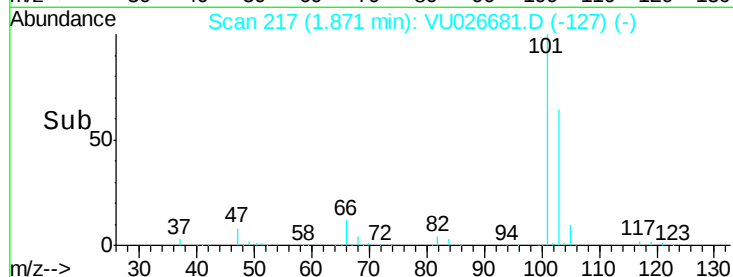
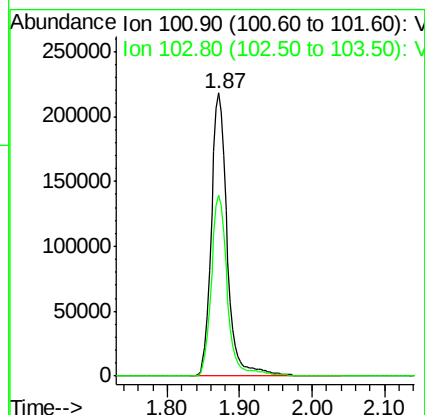
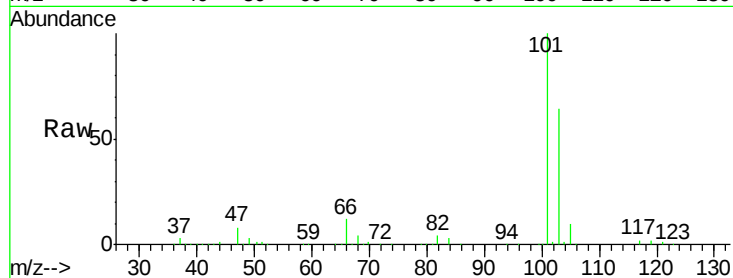


#7

Trichlorofluoromethane
Concen: 150.02 ug/l
RT: 1.87 min Scan# 217
Delta R.T. -0.01 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :

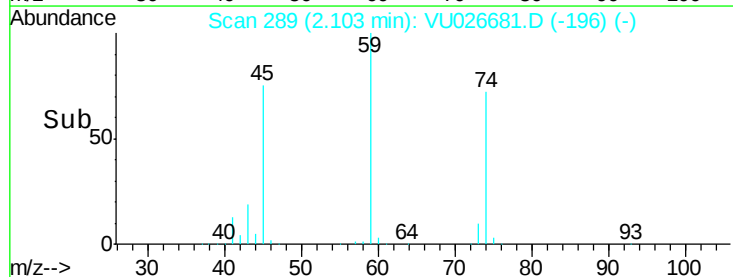
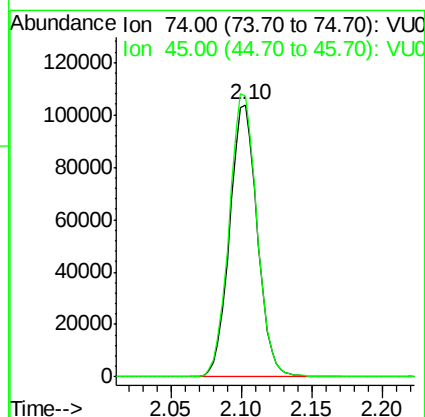
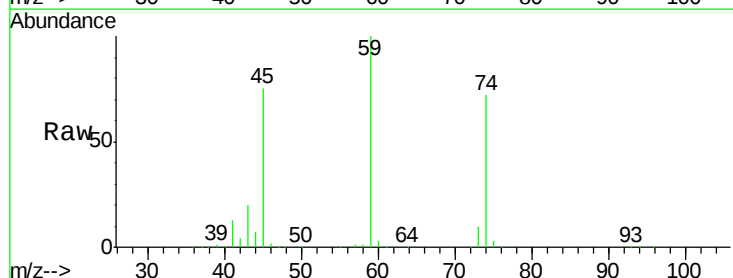
Tot Ion:101 Resp: 331188
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5

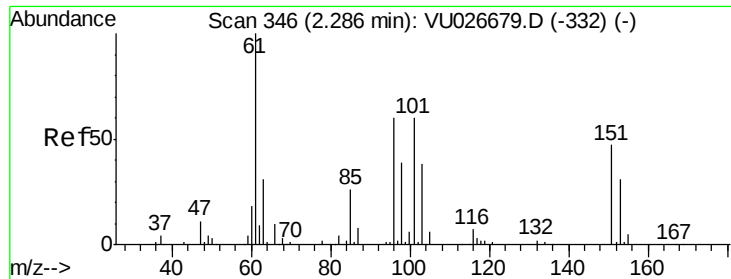


#8

Diethyl Ether
Concen: 147.61 ug/l
RT: 2.10 min Scan# 289
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 74 Resp: 142803
Ion Ratio Lower Upper
74 100
45 105.0 53.6 160.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.08 ug/l

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

ClientSampleId :

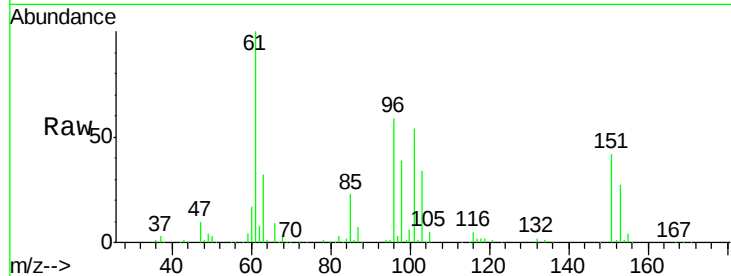
Tot Ion:101 Resp: 192835

Ion Ratio Lower Upper

101 100

85 43.3 34.6 52.0

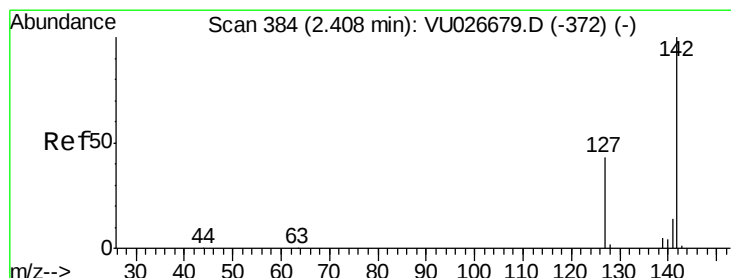
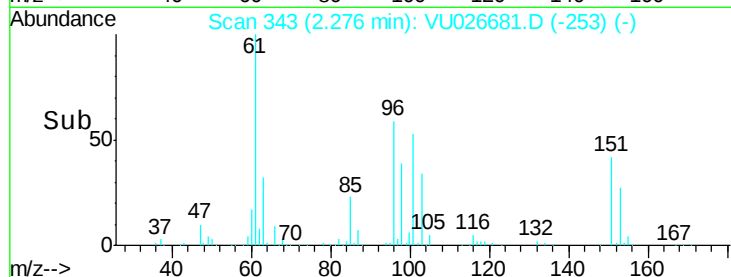
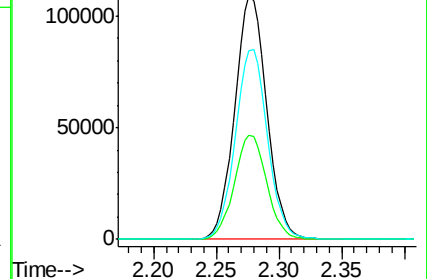
151 78.6 62.7 94.1



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: 216.67 ug/l

RT: 2.40 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

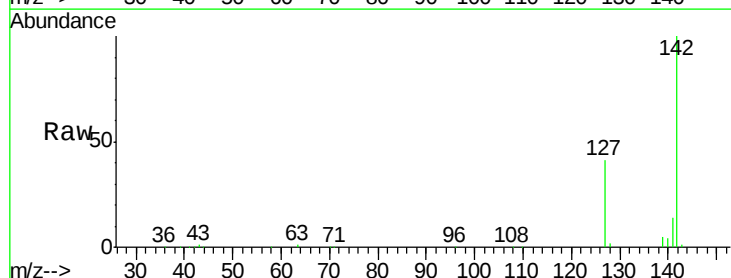
Tgt Ion:142 Resp: 214026

Ion Ratio Lower Upper

142 100

127 41.5 34.1 51.1

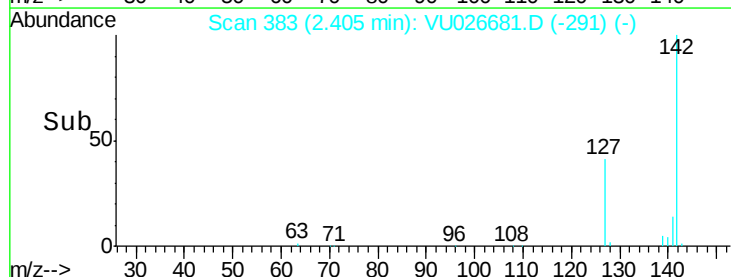
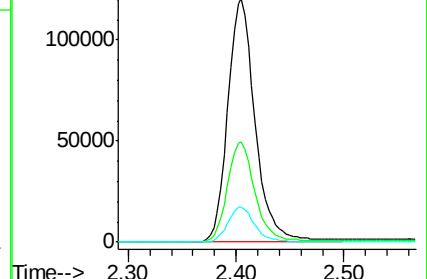
141 14.3 11.2 16.8

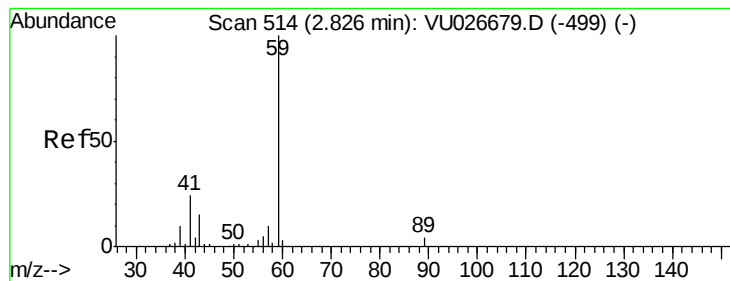


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



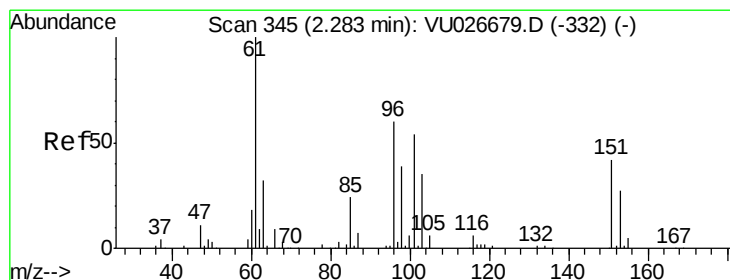
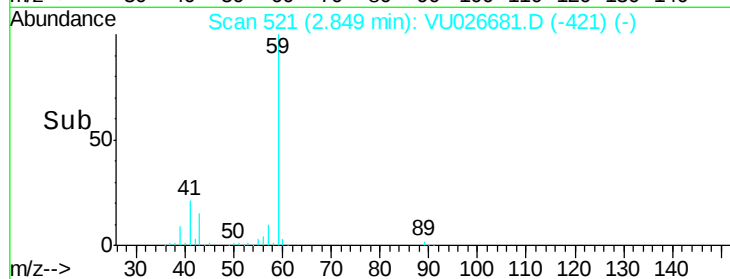
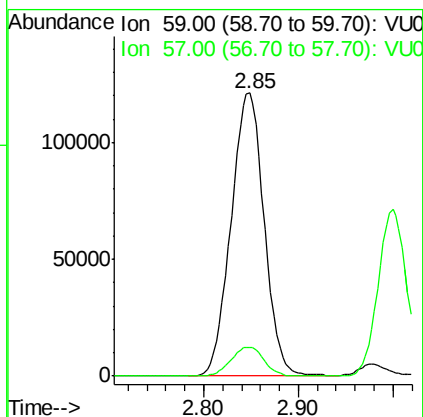
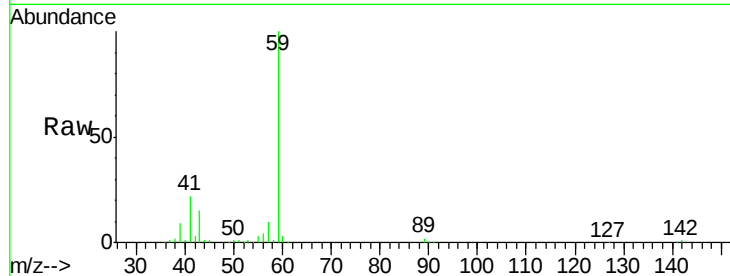


#11

Tert butyl alcohol
 Concen: 738.93 ug/l
 RT: 2.85 min Scan# 521
 Delta R.T. 0.02 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Instrument :
 MSVOA_U
 ClientSampleId :

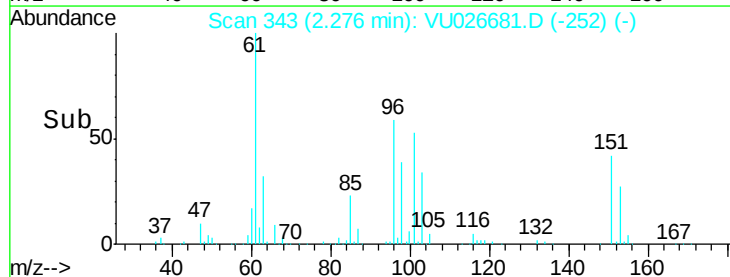
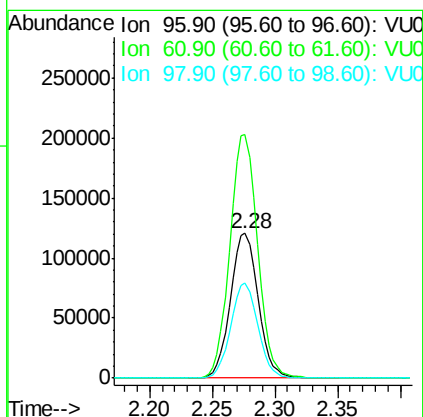
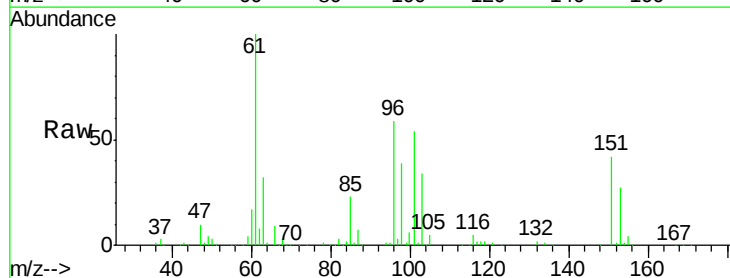
Tot Ion: 59 Resp: 294973
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.0 12.0

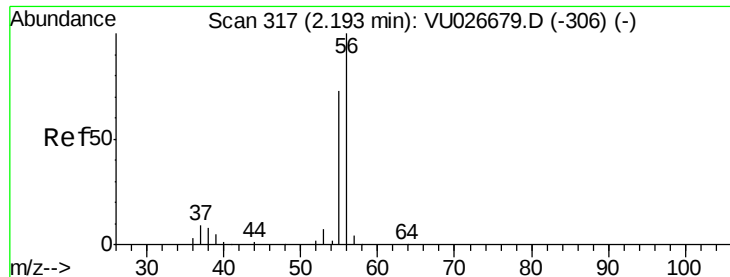


#12

1,1-Dichloroethene
 Concen: 149.01 ug/l
 RT: 2.28 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion: 96 Resp: 184692
 Ion Ratio Lower Upper
 96 100
 61 168.5 133.0 199.6
 98 65.5 51.3 76.9





#13

Acrolein

Concen: 710.44 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

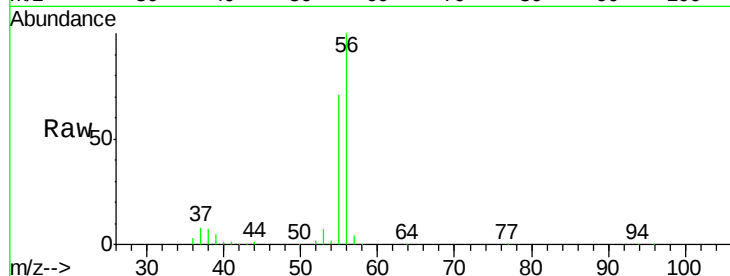
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 191116

Ion Ratio Lower Upper

56 100

55 71.2 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU026681.D (-224) (-)

Ion 55.00 (54.70 to 55.70): VU026681.D (-224) (-)

2.19

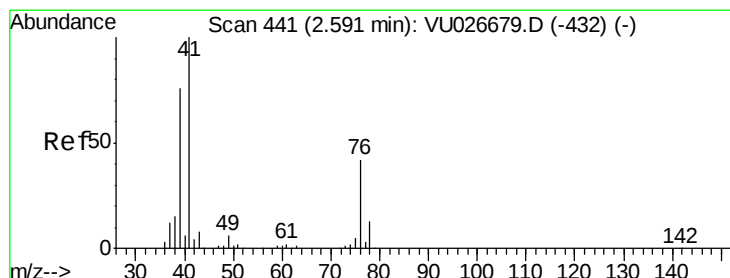
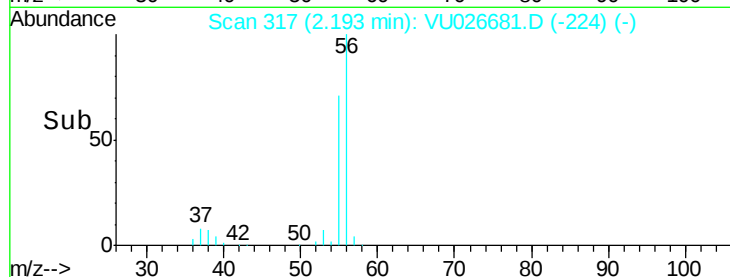
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 168.78 ug/l

RT: 2.59 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

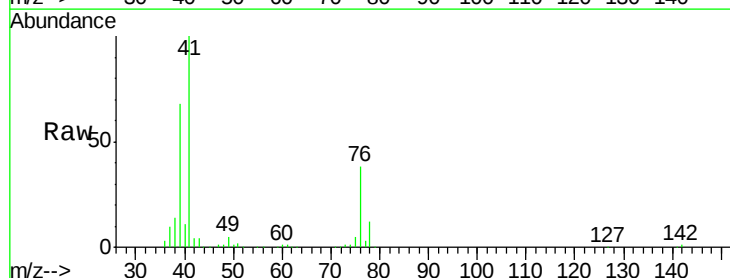
Tgt Ion: 41 Resp: 376765

Ion Ratio Lower Upper

41 100

39 60.9 56.9 85.3

76 32.7 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VU026681.D (-348) (-)

Ion 39.00 (38.70 to 39.70): VU026681.D (-348) (-)

Ion 75.90 (75.60 to 76.60): VU026681.D (-348) (-)

400000

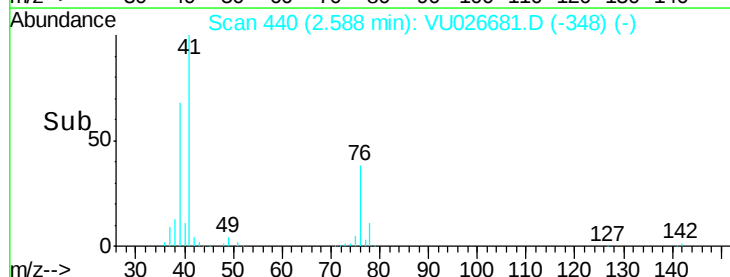
300000

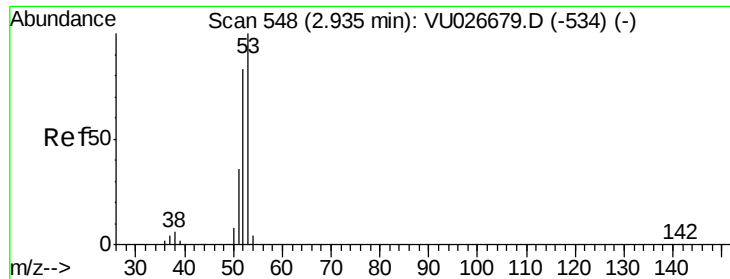
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 787.87 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

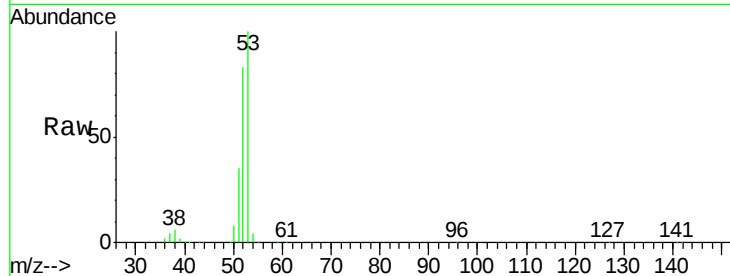
Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 53 Resp: 674487

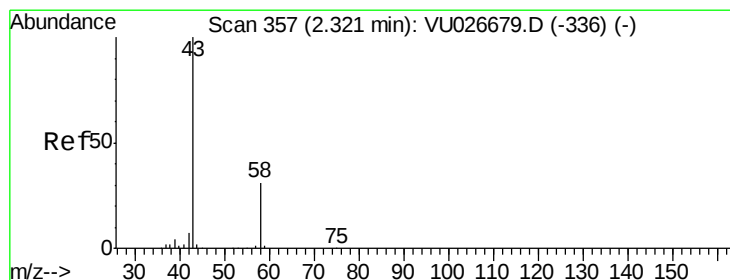
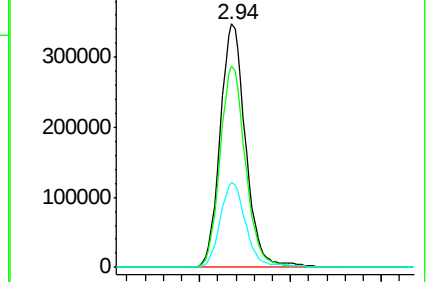
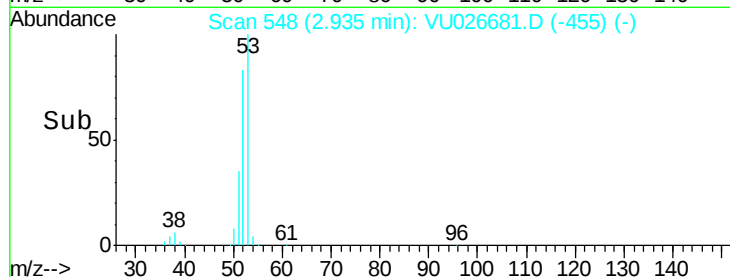
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.8	98.8
51	35.6	27.7	41.5



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: 659.12 ug/l

RT: 2.32 min Scan# 358

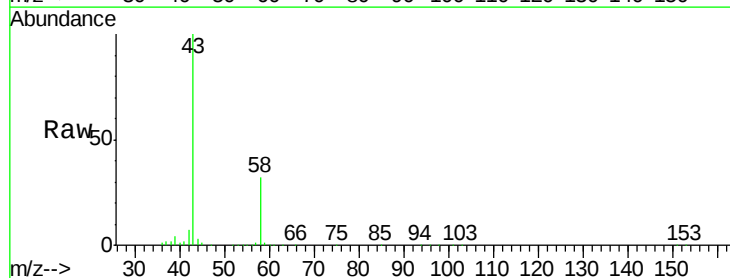
Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

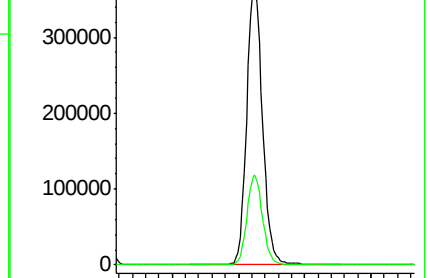
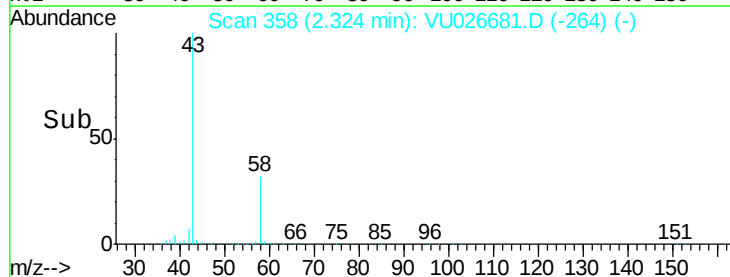
Tgt Ion: 43 Resp: 611153

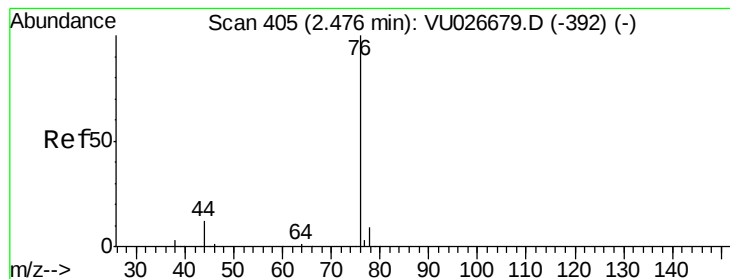
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.1	37.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 147.05 ug/l

RT: 2.47 min Scan# 403

Delta R.T. -0.01 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

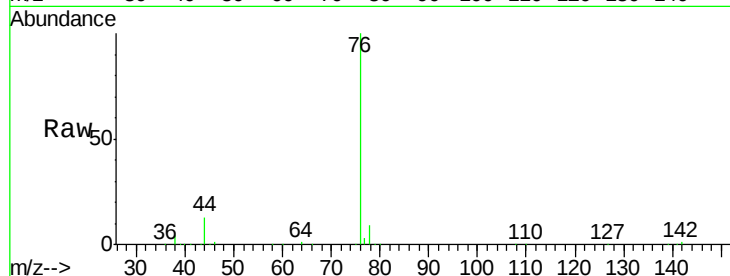
ClientSampleId :

Tot Ion: 76 Resp: 579898

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.47

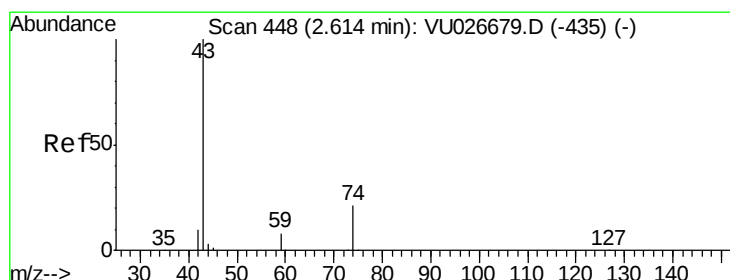
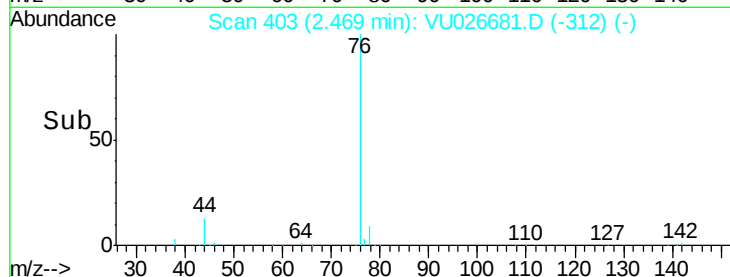
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 151.95 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU026681.D

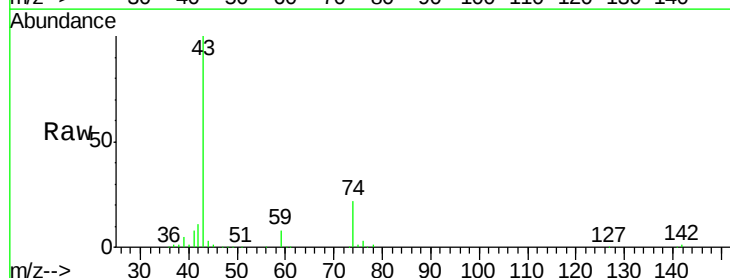
Acq: 11 Sep 2018 12:30

Tgt Ion: 43 Resp: 303995

Ion Ratio Lower Upper

43 100

74 22.4 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.61

200000

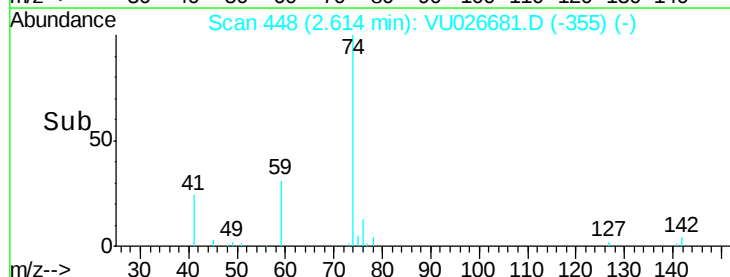
150000

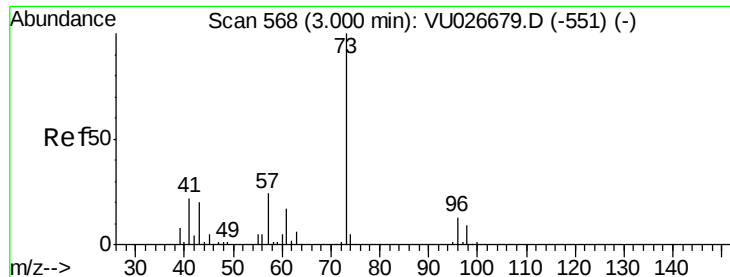
100000

50000

0

Time-->



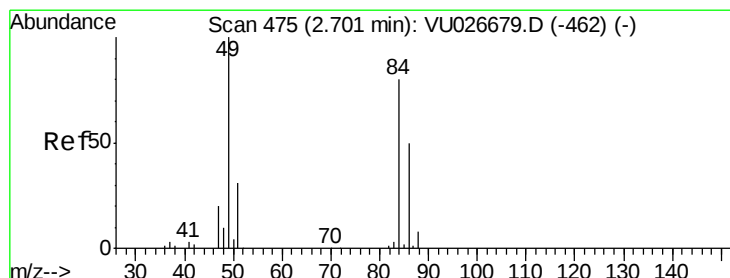
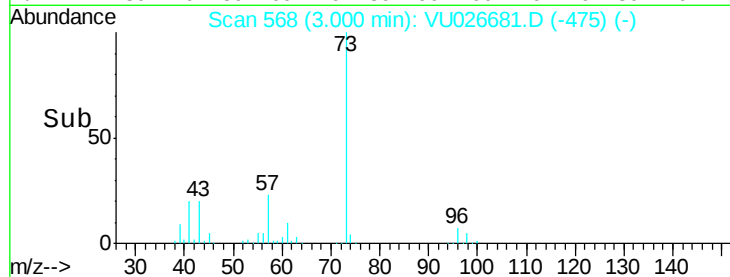
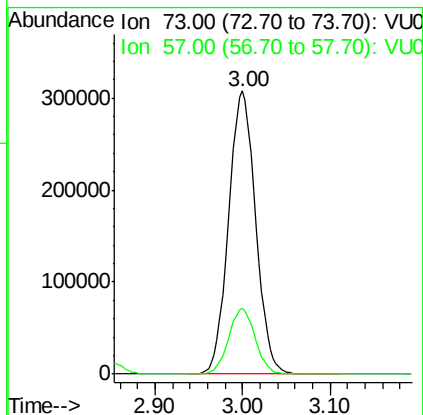
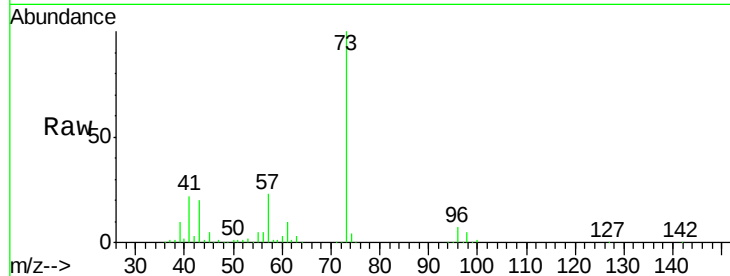


#19

Methyl tert-butyl Ether
 Concen: 154.28 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Instrument :
 MSVOA_U
 ClientSampleId :

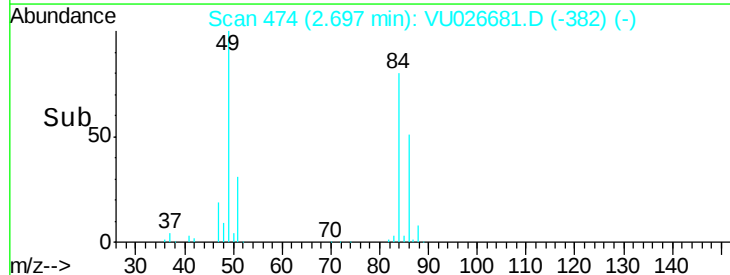
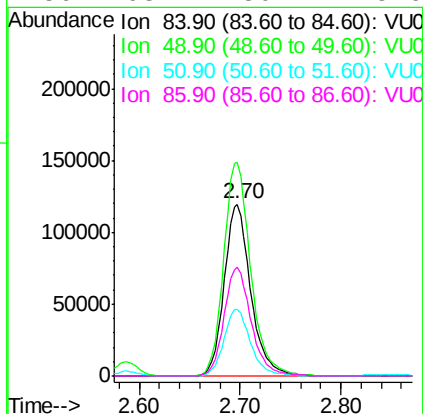
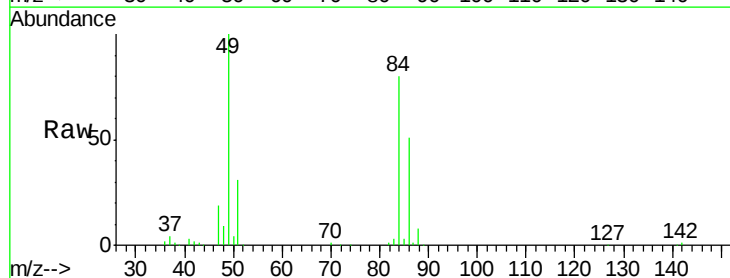
Tot Ion: 73 Resp: 658395
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.9 28.3

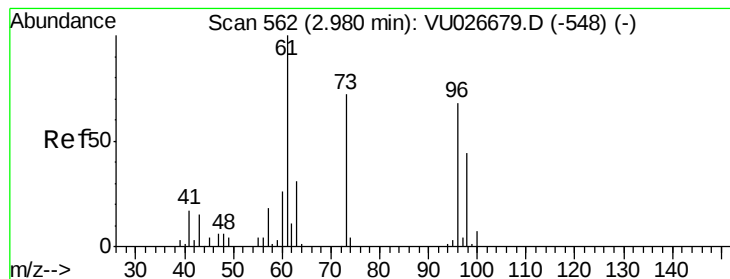


#20

Methylene Chloride
 Concen: 145.87 ug/l
 RT: 2.70 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion: 84 Resp: 219390
 Ion Ratio Lower Upper
 84 100
 49 124.4 100.6 151.0
 51 39.0 30.9 46.3
 86 63.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 152.95 ug/l

RT: 2.98 min Scan# 561

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

ClientSampleId :

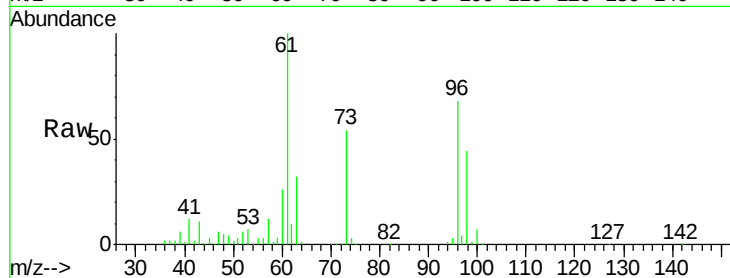
Tot Ion: 96 Resp: 199706

Ion Ratio Lower Upper

96 100

61 146.4 117.7 176.5

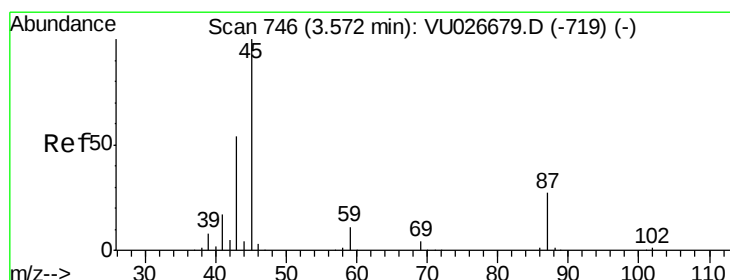
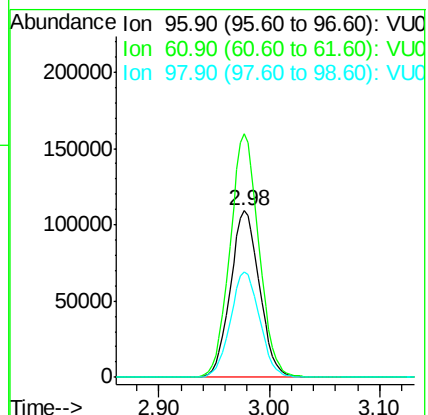
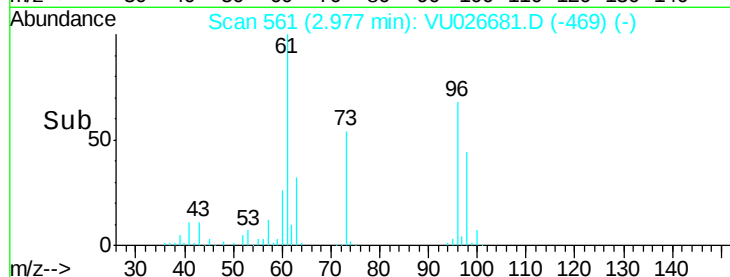
98 63.7 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VU026679.D (-548) (-)

Ion 60.90 (60.60 to 61.60): VU026679.D (-548) (-)

Ion 97.90 (97.60 to 98.60): VU026679.D (-548) (-)



#22

Diisopropyl ether

Concen: 156.93 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Tgt Ion: 45 Resp: 731151

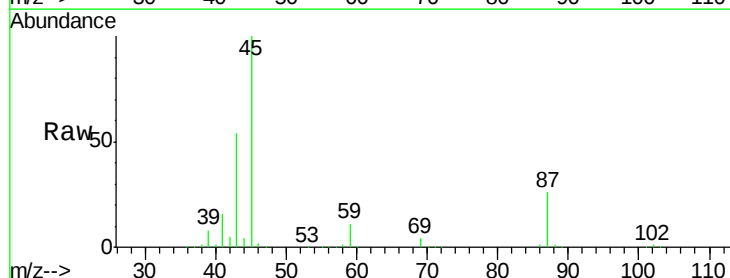
Ion Ratio Lower Upper

45 100

43 53.6 44.6 67.0

87 25.8 21.4 32.0

59 11.2 9.0 13.4

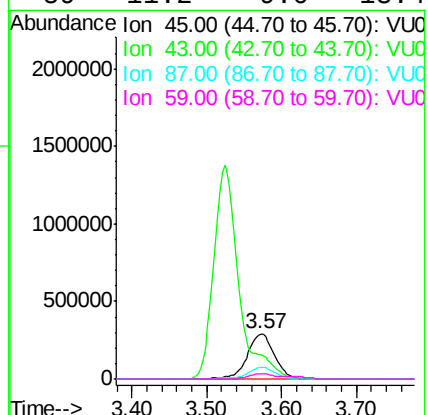
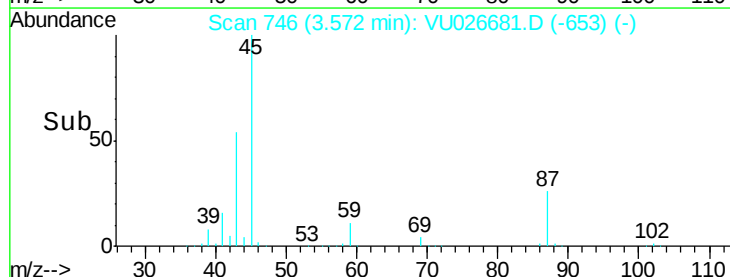


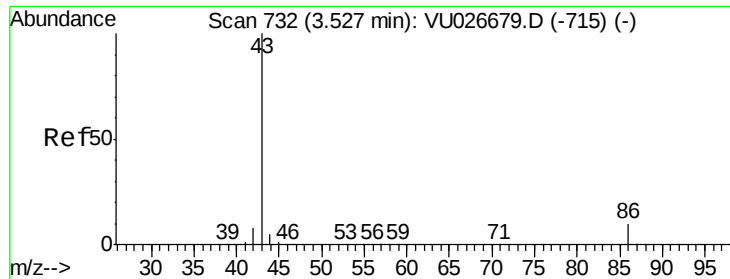
Abundance Ion 45.00 (44.70 to 45.70): VU026679.D (-719) (-)

Ion 43.00 (42.70 to 43.70): VU026679.D (-719) (-)

Ion 87.00 (86.70 to 87.70): VU026679.D (-719) (-)

Ion 59.00 (58.70 to 59.70): VU026679.D (-719) (-)





#23

Vinyl Acetate

Concen: 812.76 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

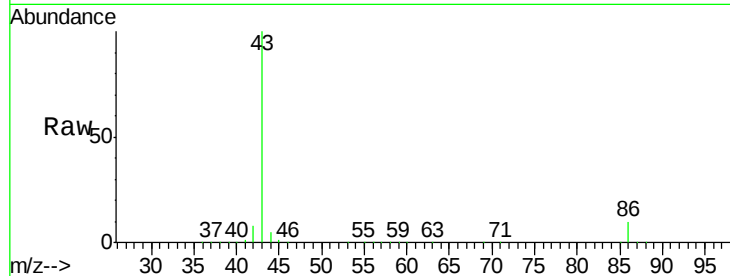
ClientSampleId :

Tot Ion: 43 Resp: 3216618

Ion Ratio Lower Upper

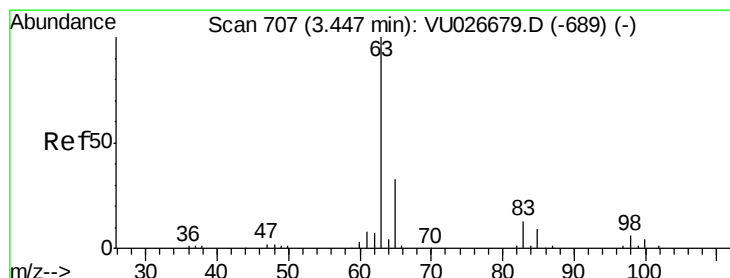
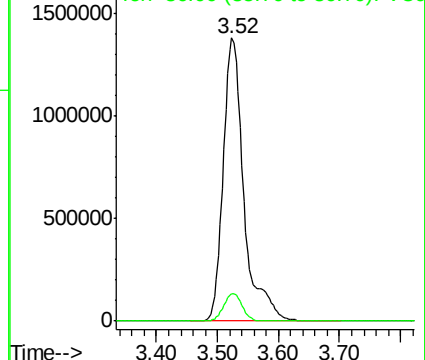
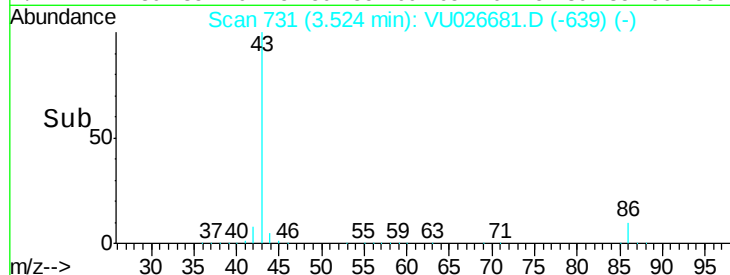
43 100

86 9.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU026681.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU026681.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 150.70 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

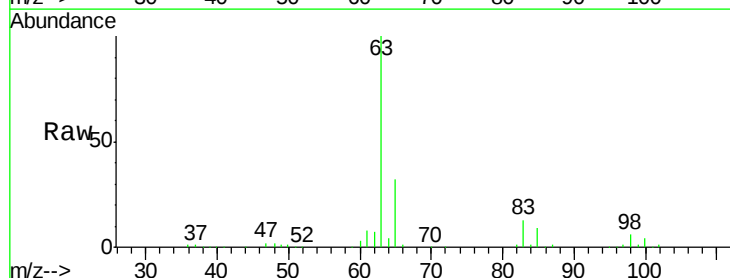
Tgt Ion: 63 Resp: 396074

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

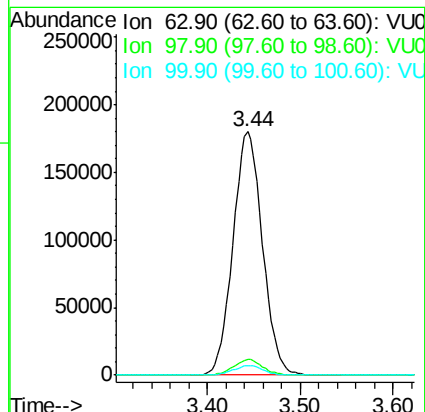
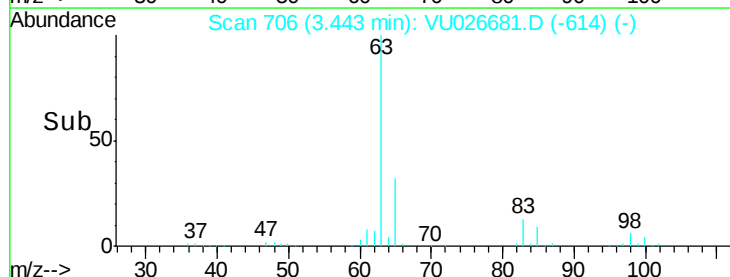
100 4.0 2.0 6.0

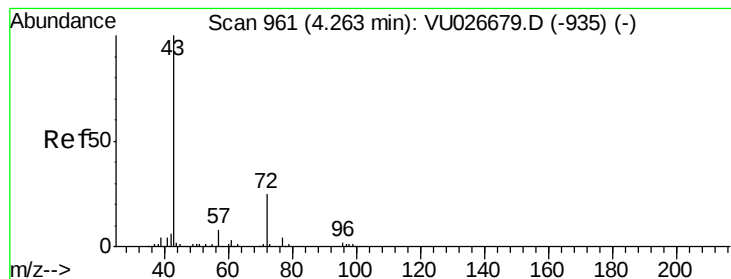


Abundance Ion 62.90 (62.60 to 63.60): VU026681.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU026681.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU026681.D (-614) (-)





#25

2-Butanone

Concen: 758.44 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

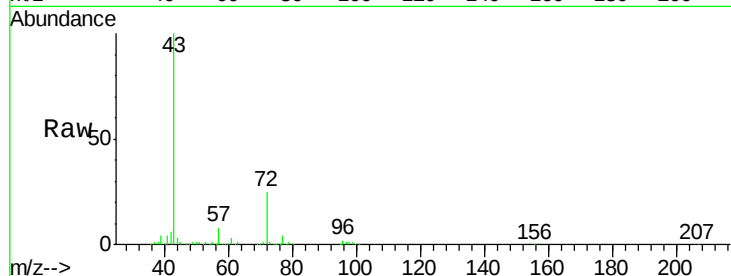
ClientSampleId :

Tot Ion: 43 Resp: 947297

Ion Ratio Lower Upper

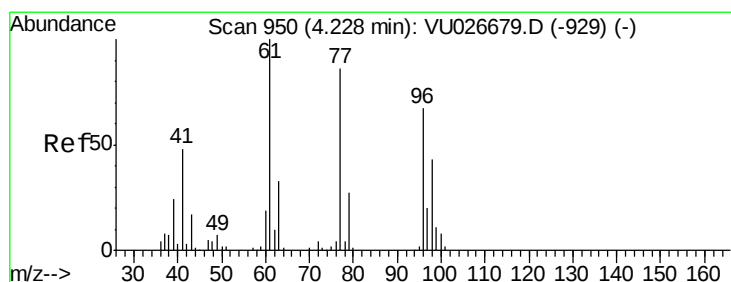
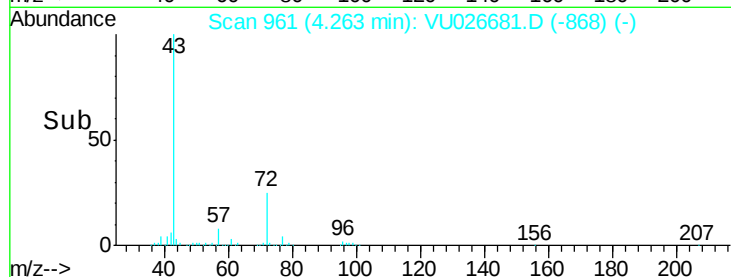
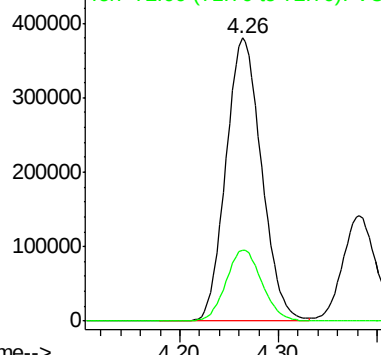
43 100

72 25.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 148.93 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU026681.D

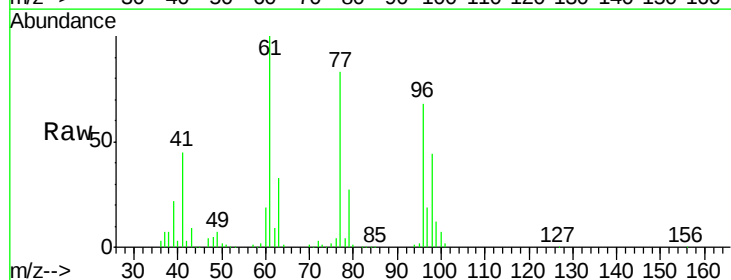
Acq: 11 Sep 2018 12:30

Tgt Ion: 77 Resp: 321733

Ion Ratio Lower Upper

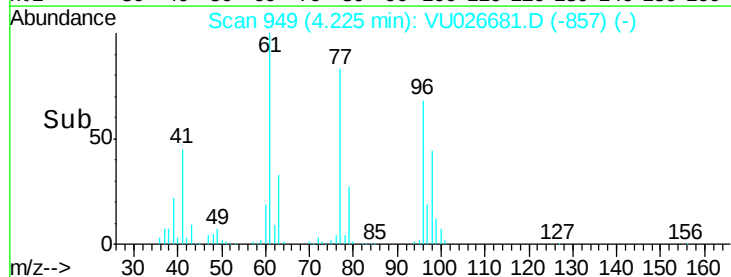
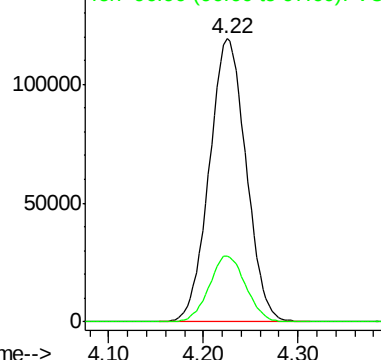
77 100

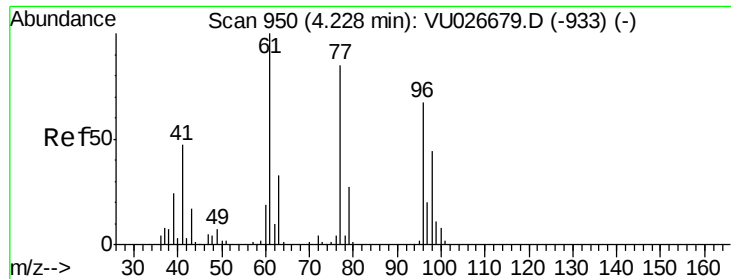
97 23.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



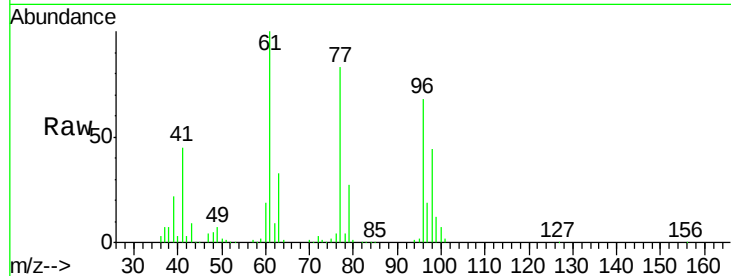


#27

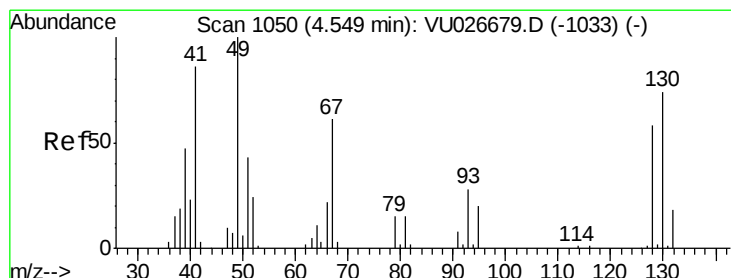
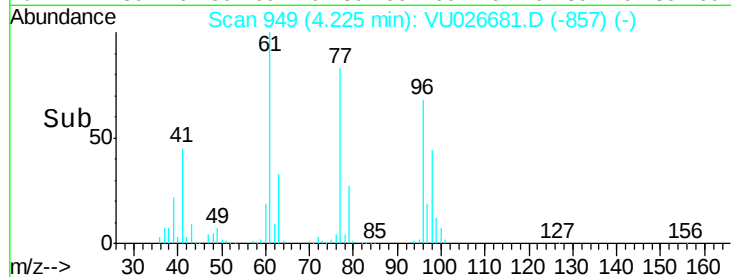
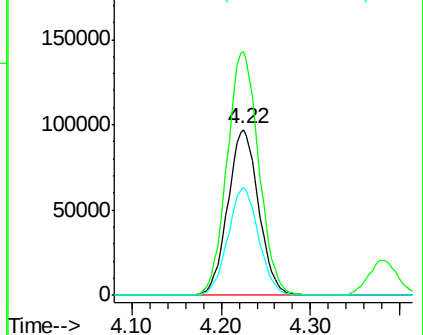
cis-1,2-Dichloroethene
 Concen: 153.99 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	301.8
98	65.2	0.0	127.2



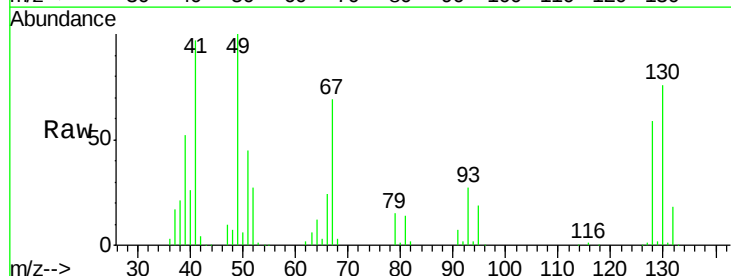
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



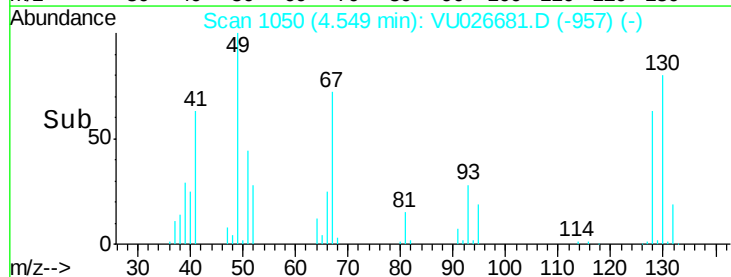
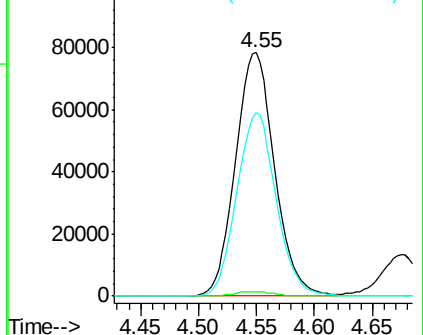
#28

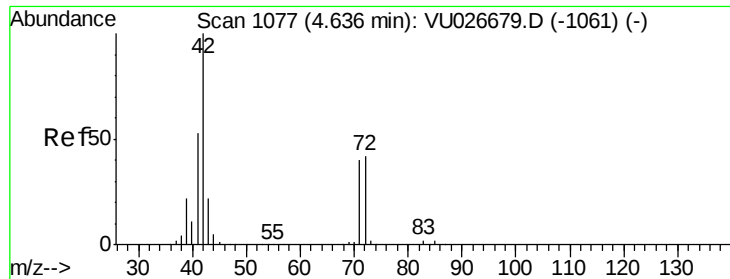
Bromochloromethane
 Concen: 146.16 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	75.9	59.8	89.6



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: 775.10 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

ClientSampled :

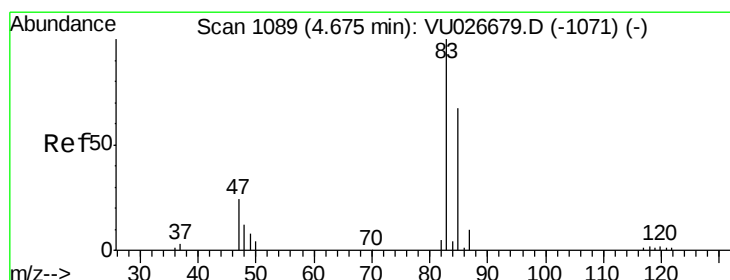
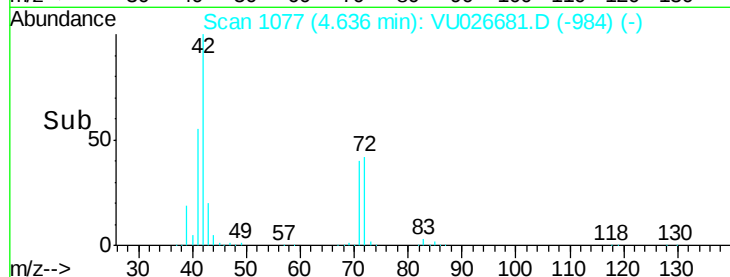
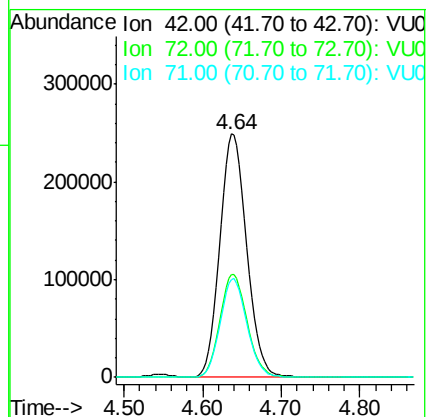
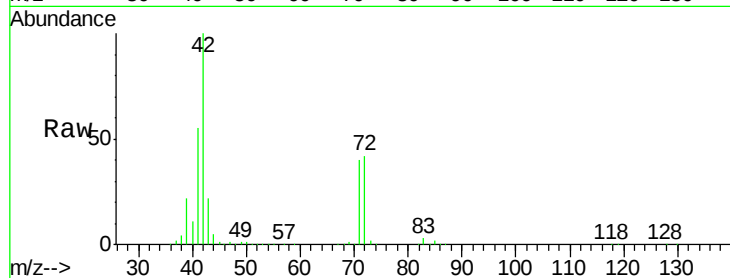
Tot Ion: 42 Resp: 583666

Ion Ratio Lower Upper

42 100

72 43.0 34.4 51.6

71 40.5 32.4 48.6



#30

Chloroform

Concen: 149.30 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU026681.D

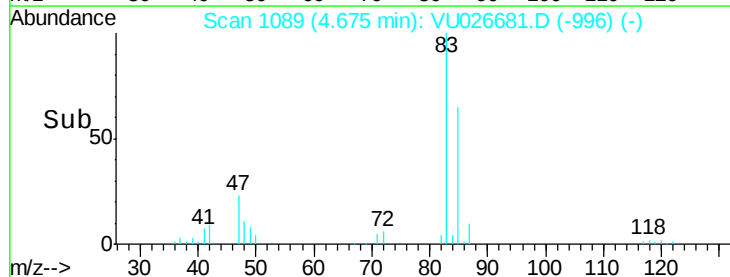
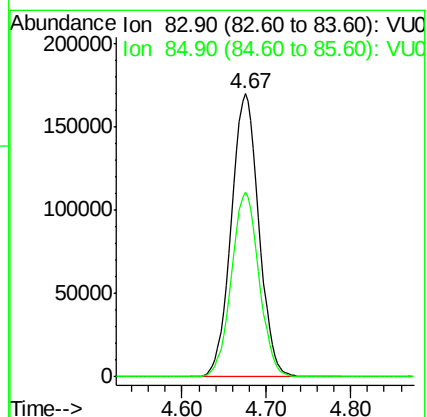
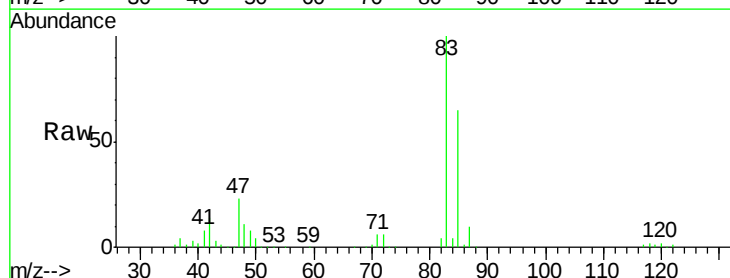
Acq: 11 Sep 2018 12:30

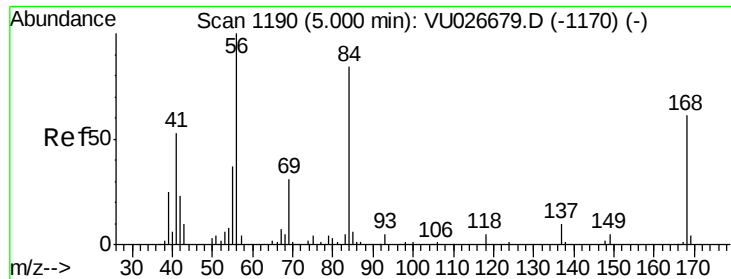
Tgt Ion: 83 Resp: 385870

Ion Ratio Lower Upper

83 100

85 65.2 53.3 79.9

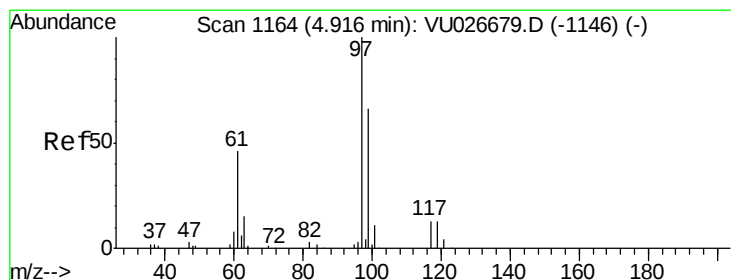
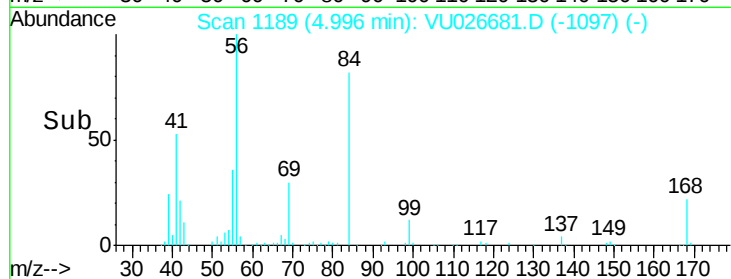
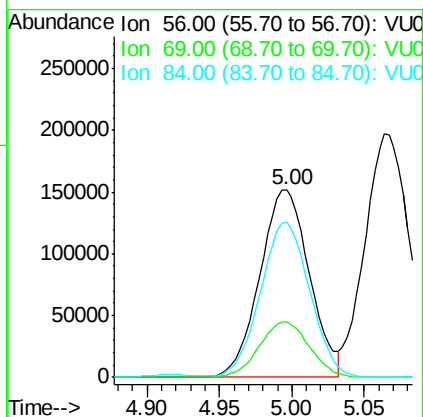
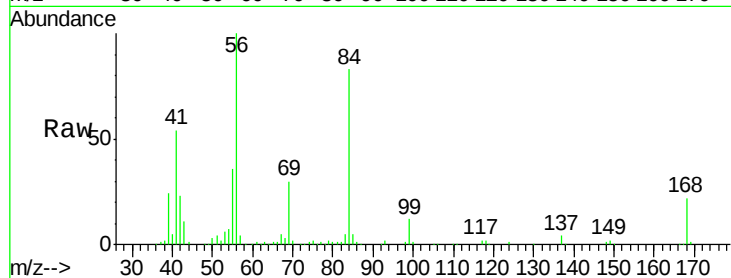




#31
Cyclohexane
Concen: 132.56 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

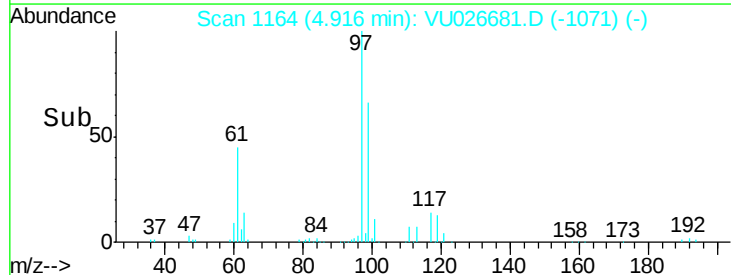
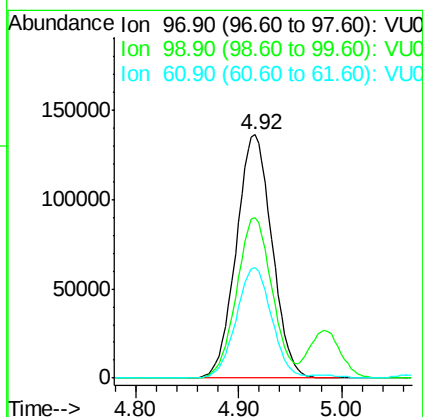
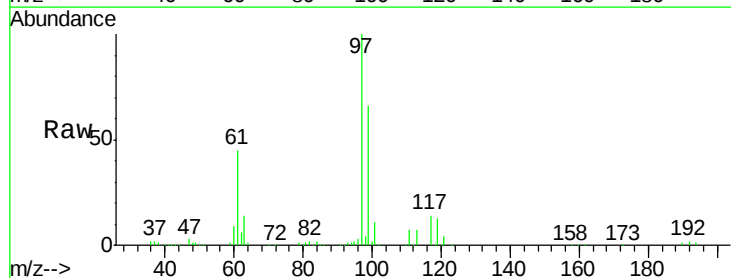
Instrument :
MSVOA_U
ClientSampleId :

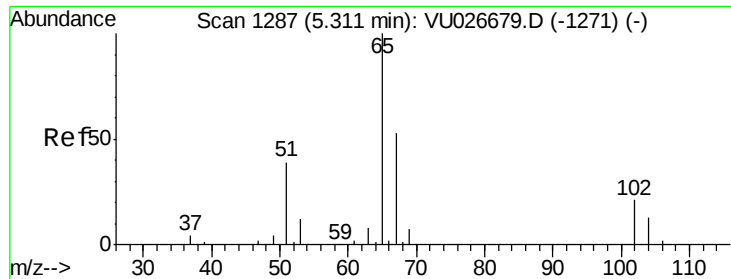
Tot Ion: 56 Resp: 360586
Ion Ratio Lower Upper
56 100
69 29.6 24.9 37.3
84 81.9 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 153.66 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 97 Resp: 328817
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.2
61 44.9 36.8 55.2

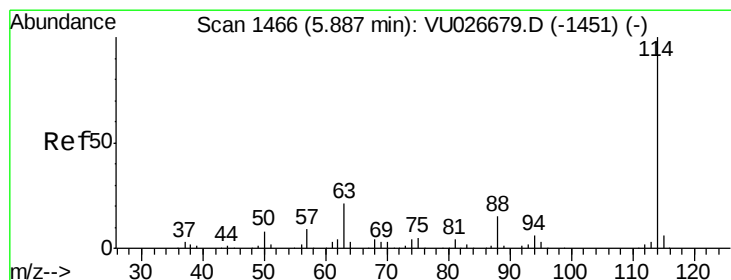
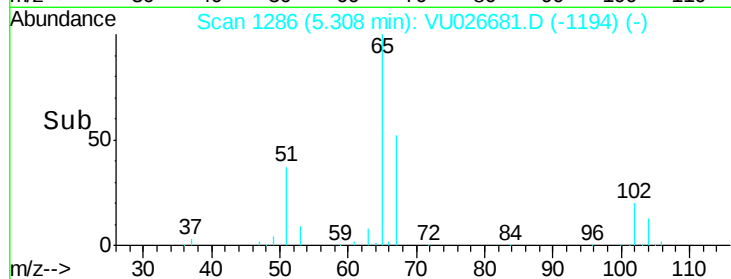
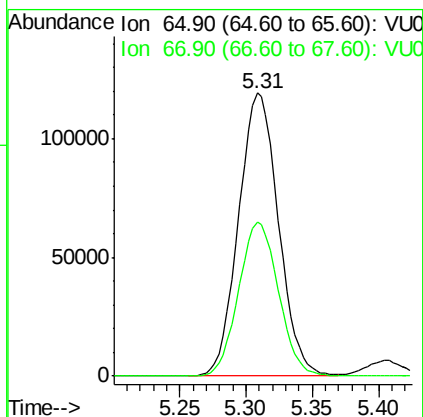
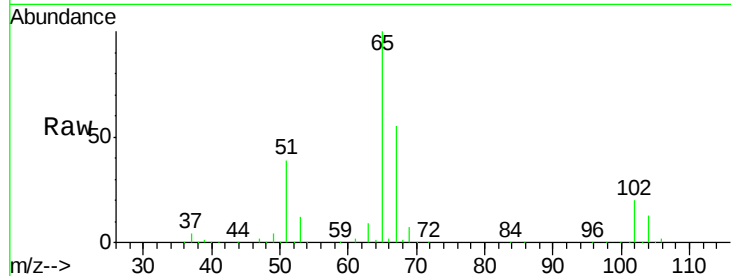




#33
 1,2-Dichloroethane-d4
 Concen: 152.71 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

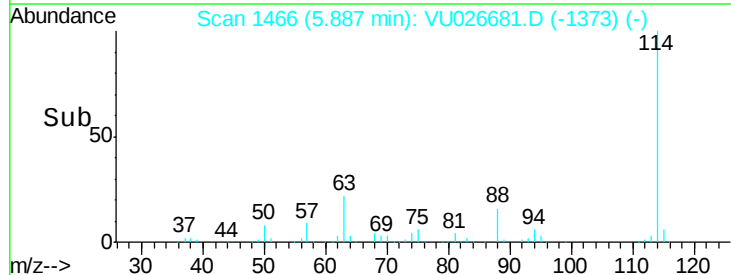
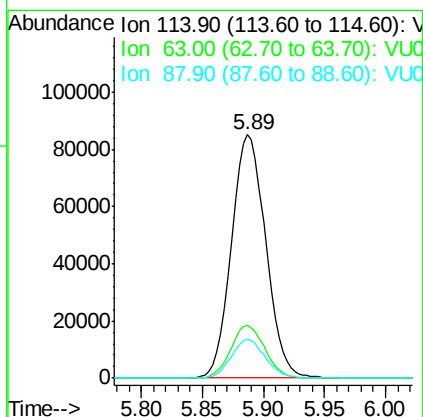
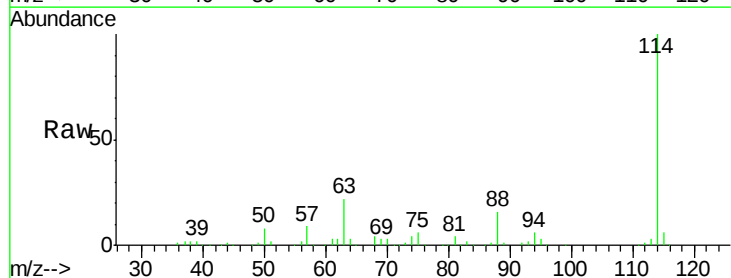
Instrument :
 MSVOA_U
 ClientSampleId :

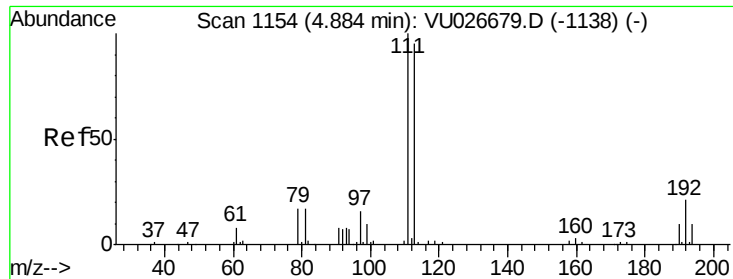
Tot Ion: 65 Resp: 250092
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion: 114 Resp: 166355
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.4
 88 15.8 0.0 30.8

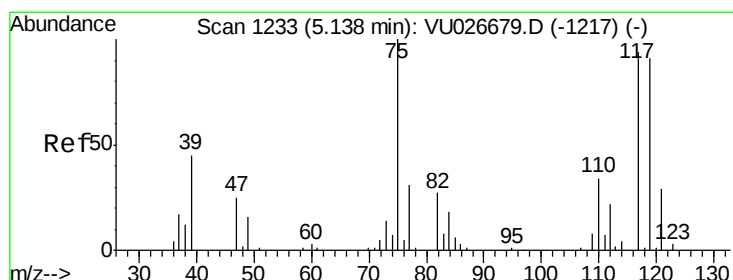
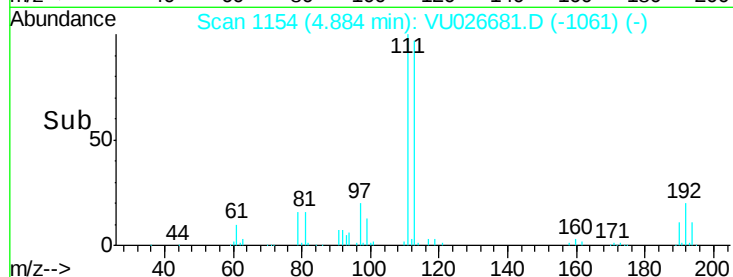
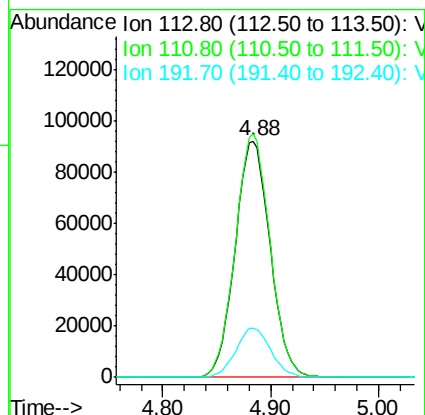
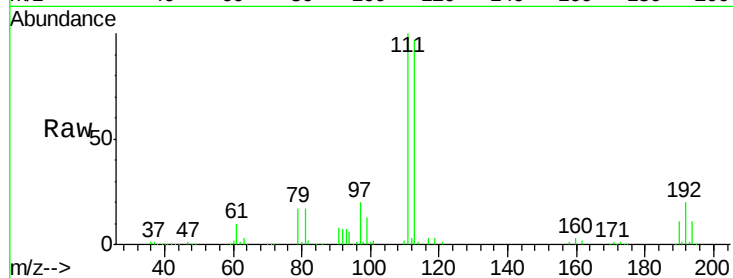




#35
 Dibromofluoromethane
 Concen: 153.64 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

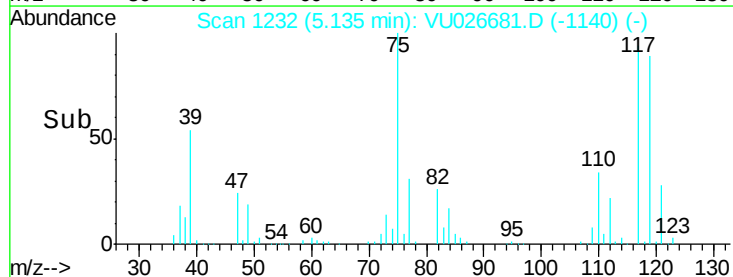
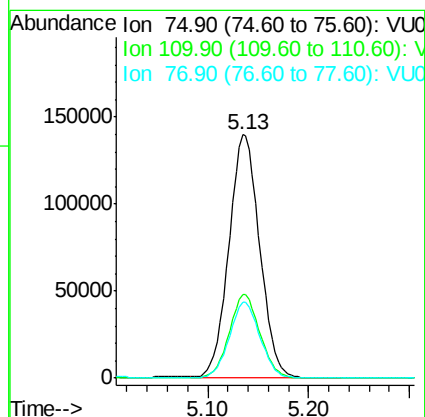
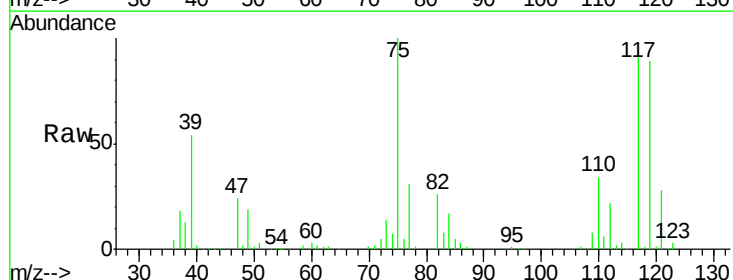
Instrument :
 MSVOA_U
 ClientSampled :

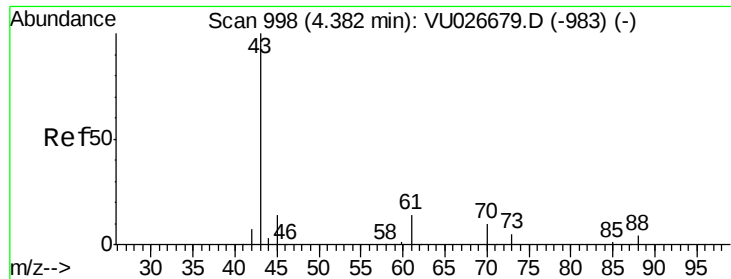
Tot Ion:113 Resp: 208476
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.1 124.7
 192 20.9 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 159.05 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion: 75 Resp: 297057
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.3 51.9
 77 31.2 24.9 37.3

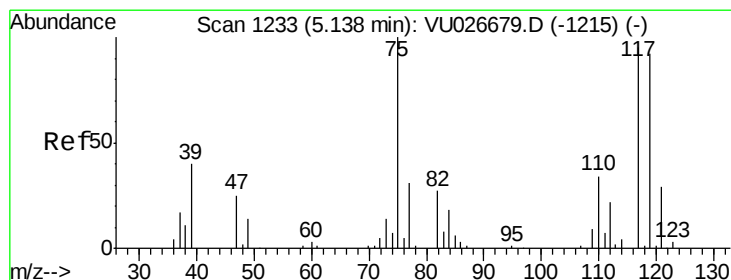
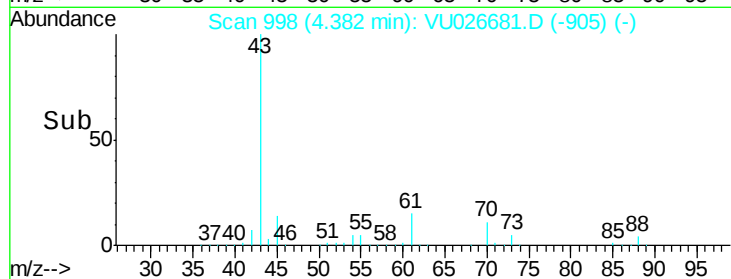
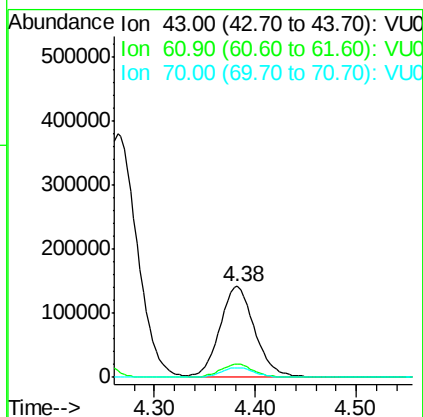
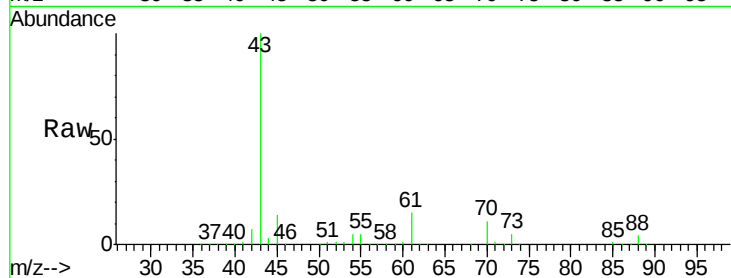




#37
Ethyl Acetate
Concen: 151.31 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

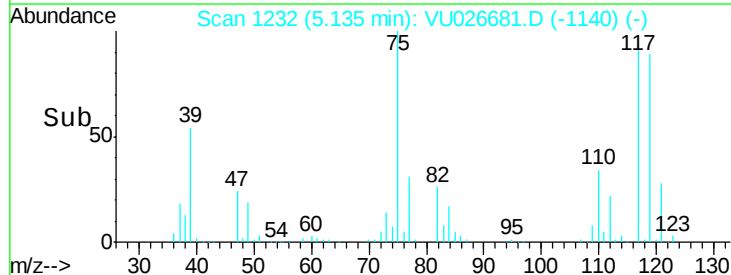
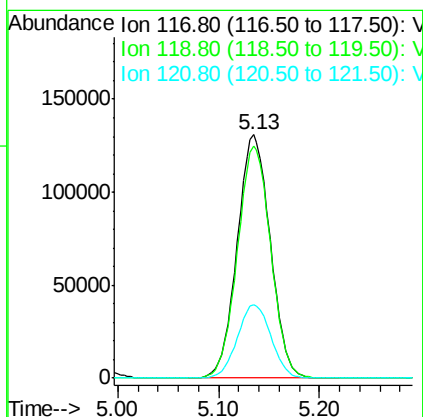
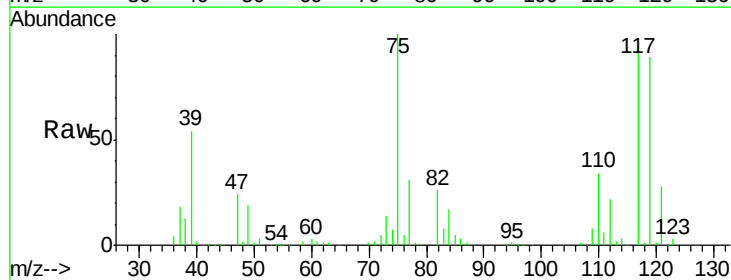
Instrument :
MSVOA_U
ClientSampled :

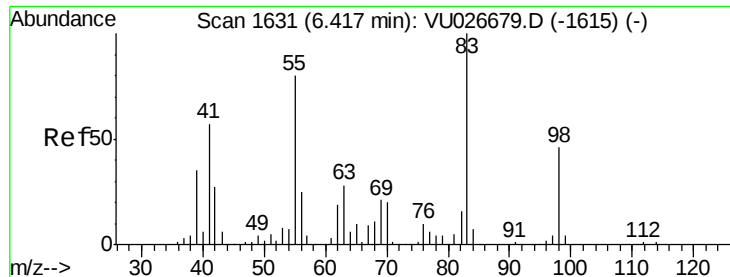
Tot Ion: 43 Resp: 339839
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 150.80 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 117 Resp: 297575
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.8
121 30.4 25.0 37.4

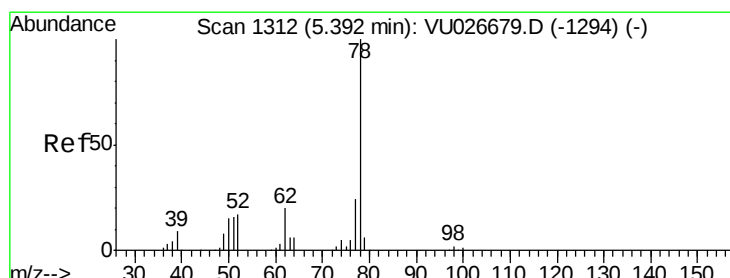
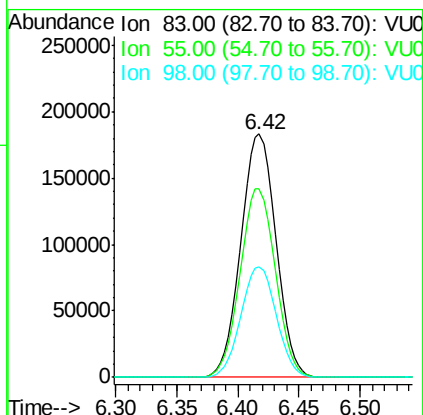
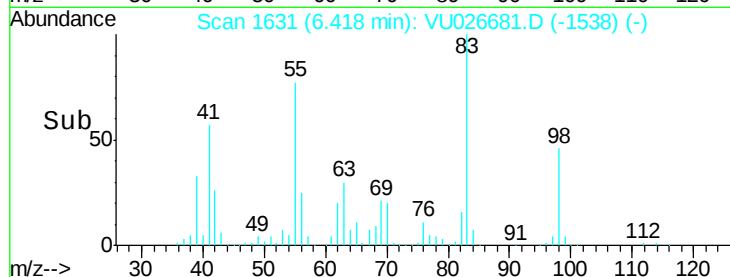
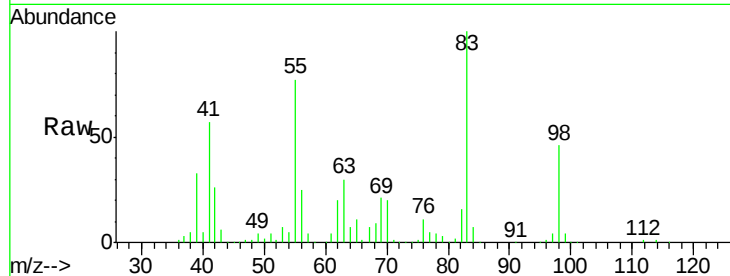




#39
Methvlcvclohexane
Concen: 164.74 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

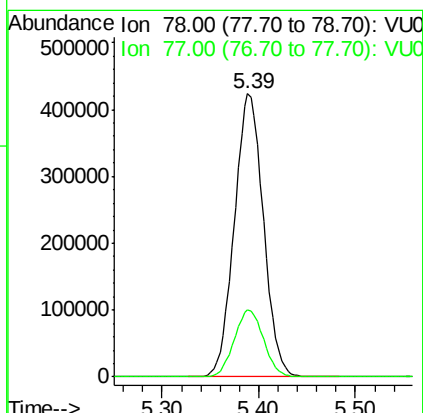
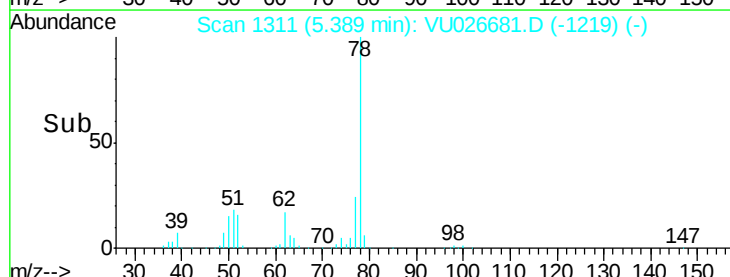
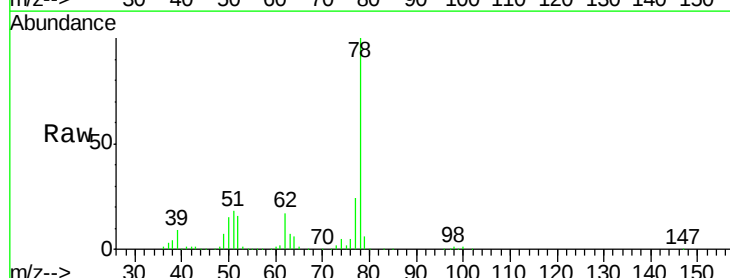
Instrument :
MSVOA_U
ClientSampled :

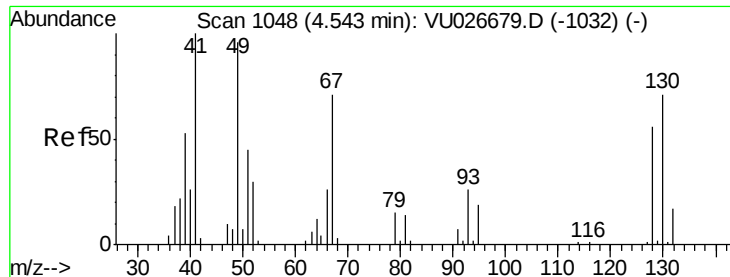
Tot Ion: 83 Resp: 365331
Ion Ratio Lower Upper
83 100
55 77.3 63.8 95.6
98 45.6 37.2 55.8



#40
Benzene
Concen: 151.90 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 78 Resp: 881087
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

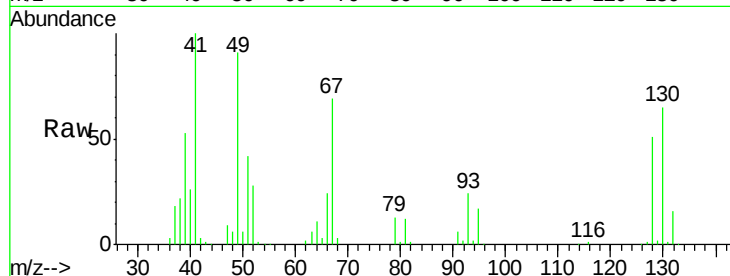




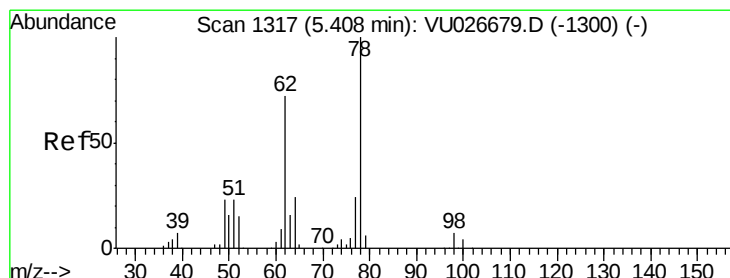
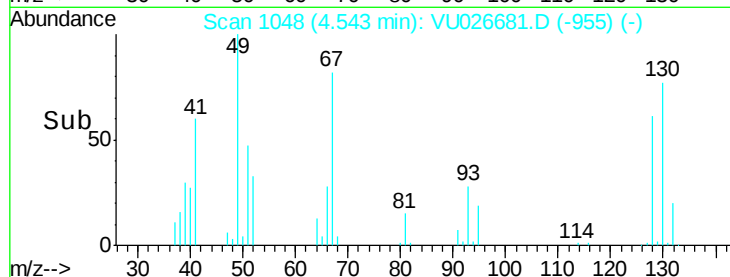
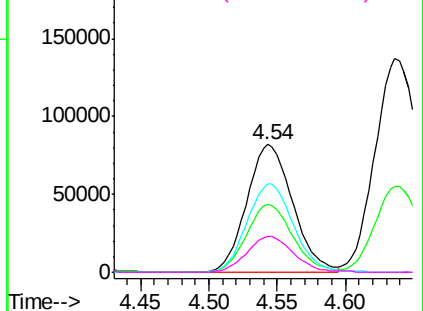
#41
Methacrylonitrile
Concen: 164.18 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	191397
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.9	64.3
67	70.4	56.6	84.8
52	28.1	23.2	34.8

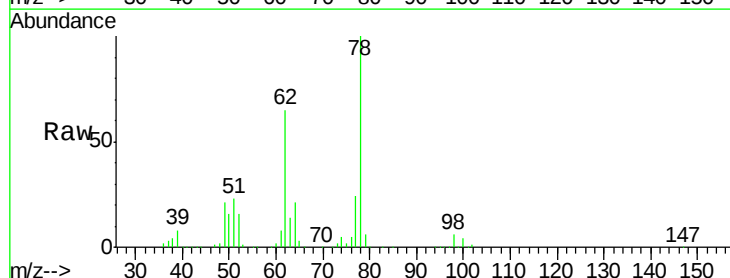


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

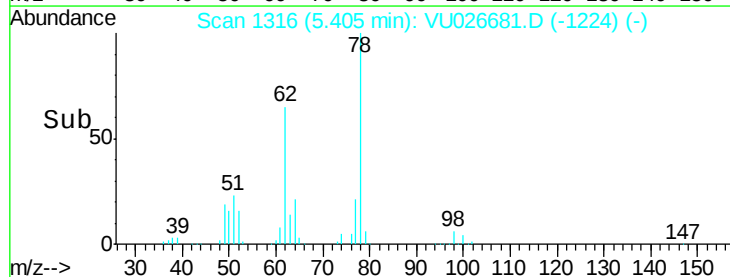
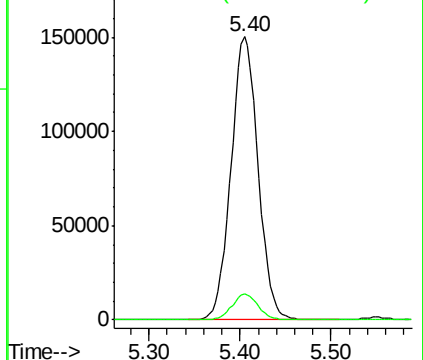


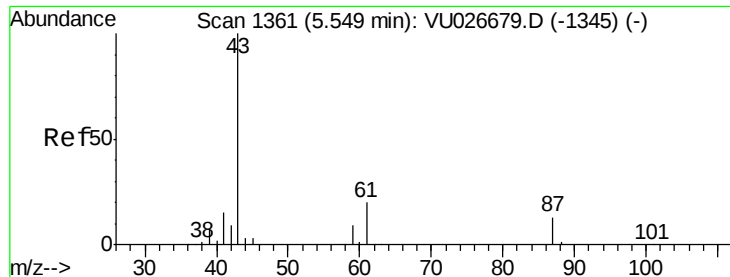
#42
1,2-Dichloroethane
Concen: 149.88 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion:	62	Resp:	309995
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

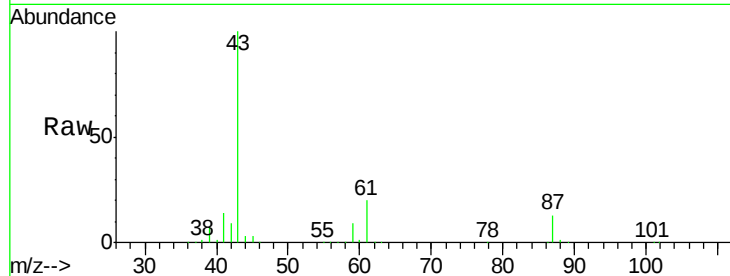




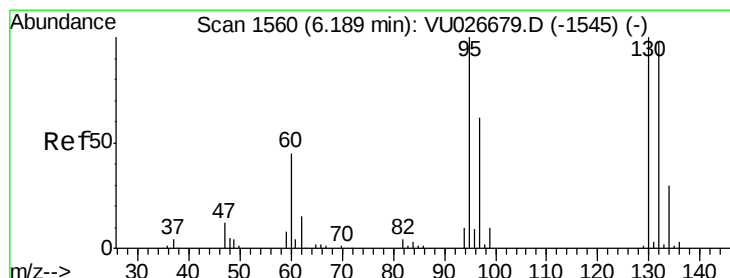
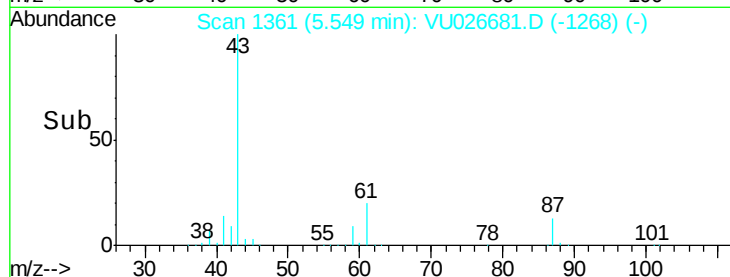
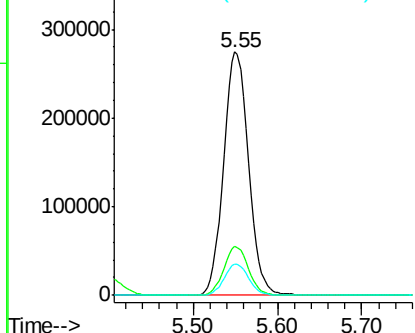
#43
Isopropyl Acetate
Concen: 164.48 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 562500
Ion Ratio Lower Upper
43 100
61 19.9 16.0 24.0
87 12.7 10.1 15.1

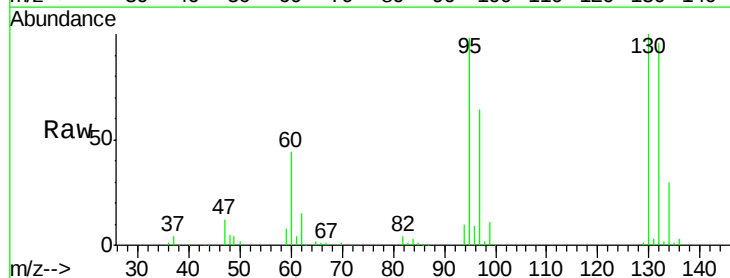


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

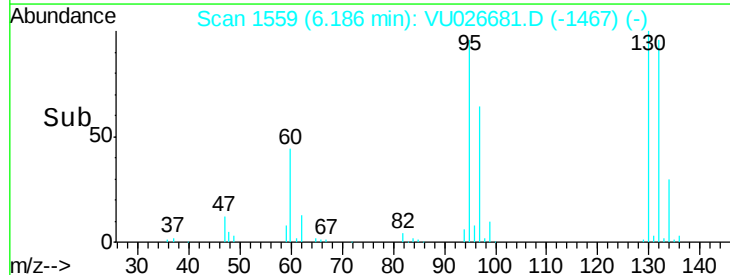
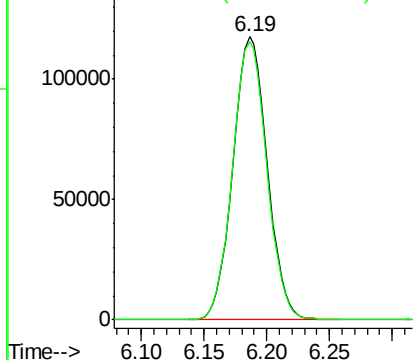


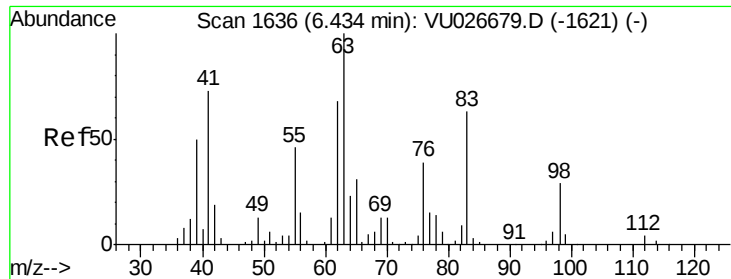
#44
Trichloroethene
Concen: 155.63 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion:130 Resp: 223421
Ion Ratio Lower Upper
130 100
95 98.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

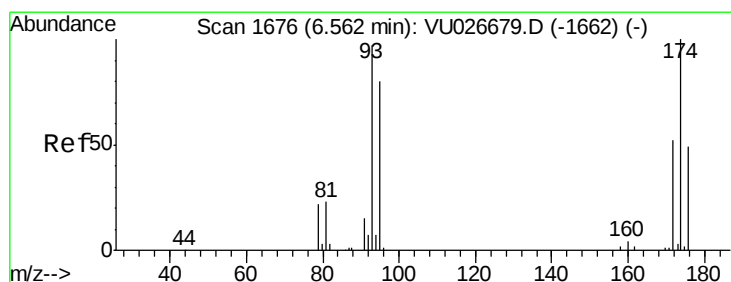
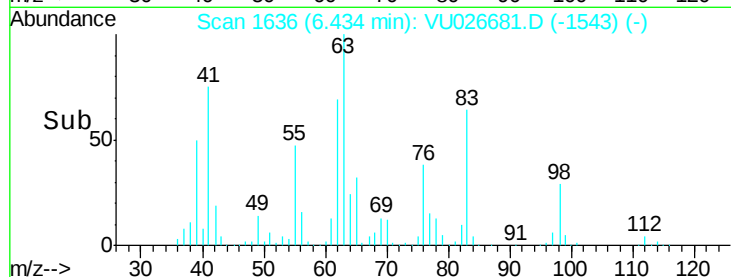
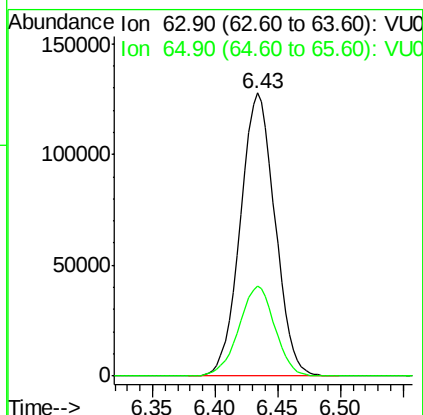
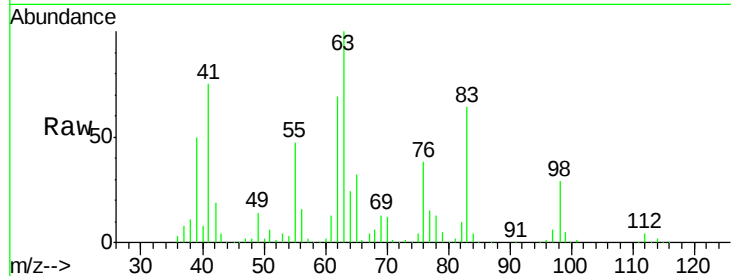




#45
 1,2-Dichloropropane
 Concen: 155.19 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

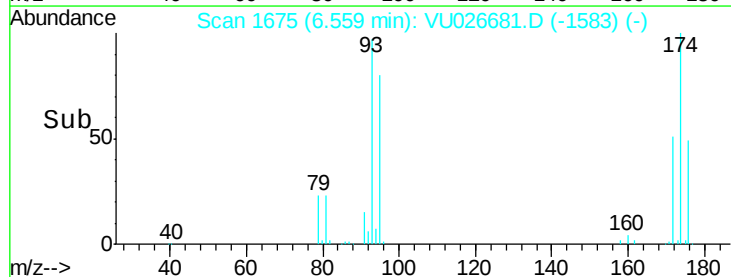
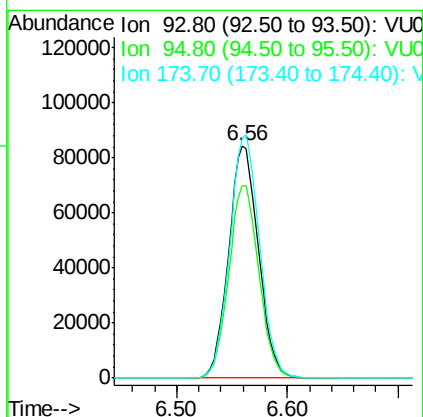
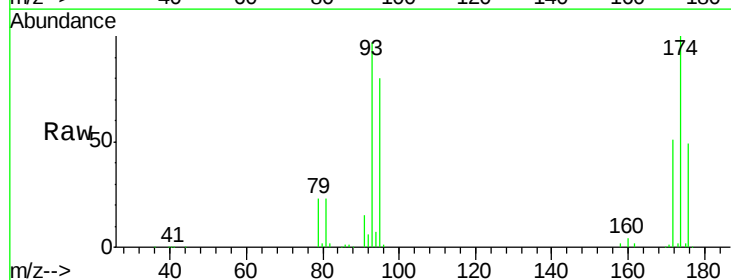
Instrument :
 MSVOA_U
 ClientSampled :

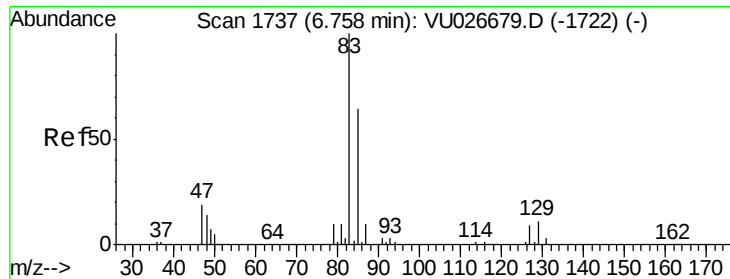
Tot Ion: 63 Resp: 244698
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4



#46
 Dibromomethane
 Concen: 155.45 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion: 93 Resp: 158176
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.4 98.2
 174 104.5 81.6 122.4

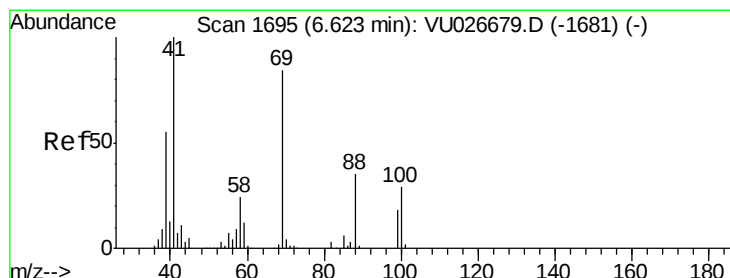
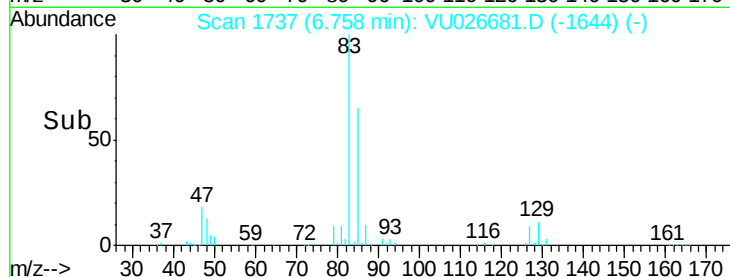
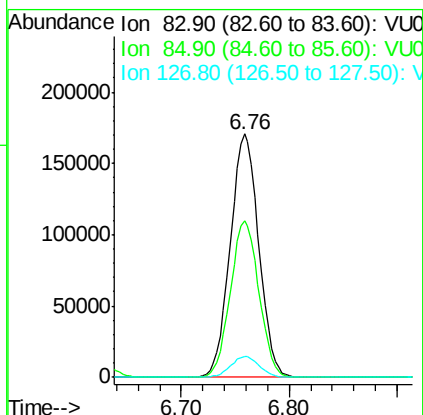
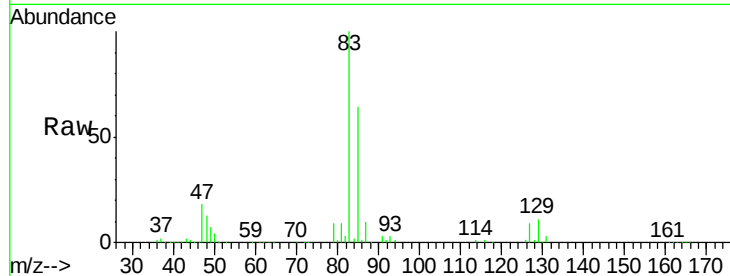




#47
 Bromodichloromethane
 Concen: 156.65 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

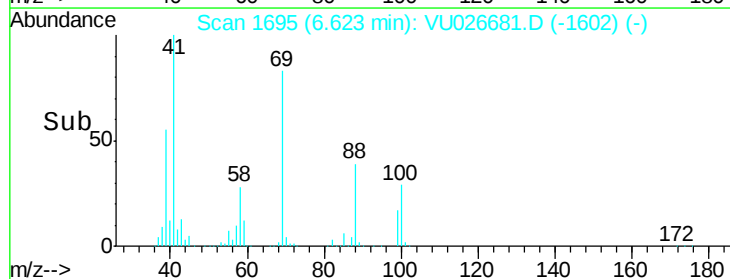
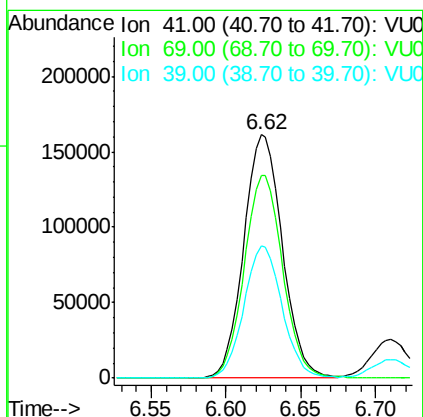
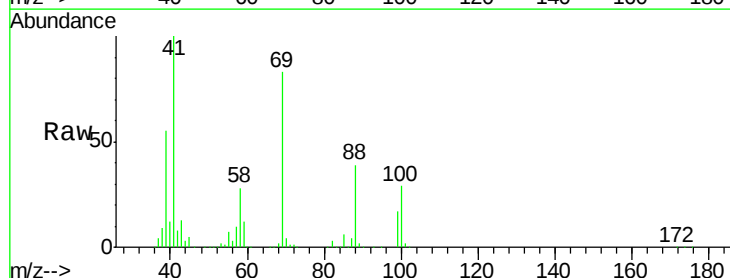
Instrument :
 MSVOA_U
 ClientSampleId :

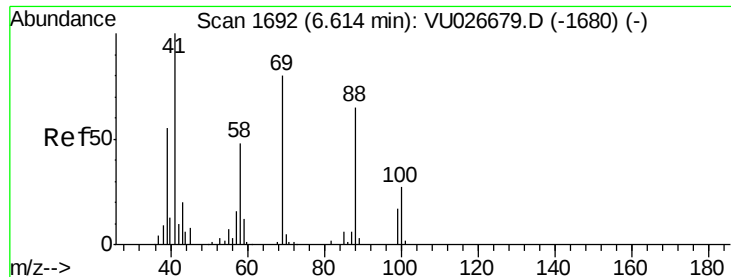
Tot Ion	83	Resp	313873
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.1	76.7
127	8.7	6.9	10.3



#48
 Methyl methacrylate
 Concen: 172.27 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion	41	Resp	290709
Ion Ratio	Lower	Upper	
41	100		
69	83.3	66.6	99.8
39	53.6	43.6	65.4





#49

1,4-Dioxane

Concen: 3399.85 ug/l

RT: 6.62 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :

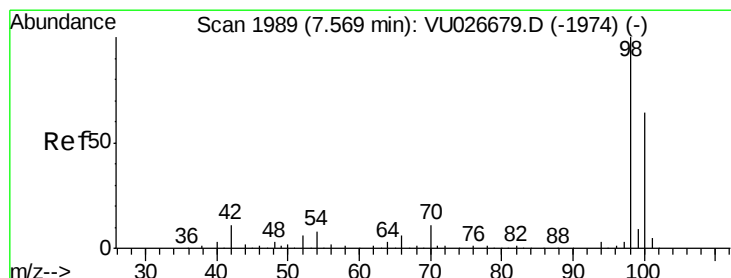
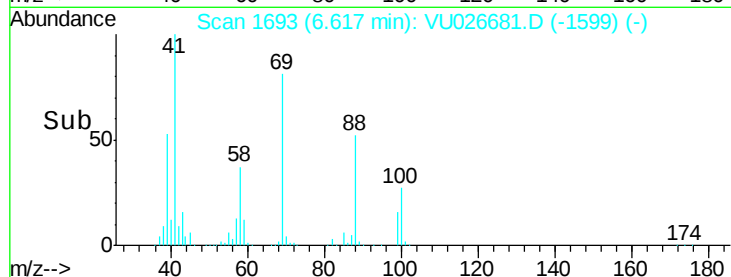
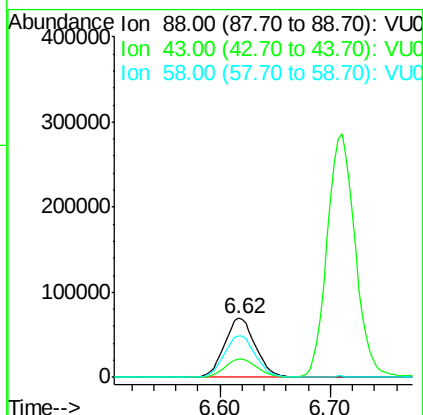
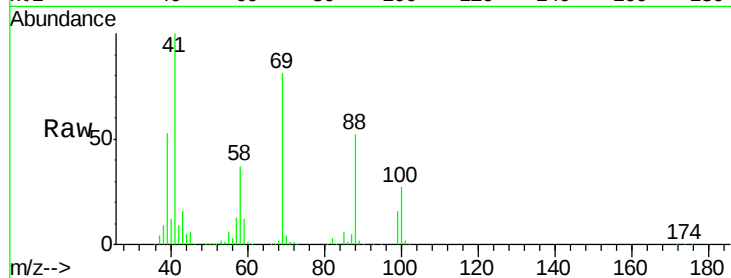
Tot Ion: 88 Resp: 132986

Ion Ratio Lower Upper

88 100

43 32.4 25.5 38.3

58 72.4 58.2 87.4



#50

Toluene-d8

Concen: 158.40 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026681.D

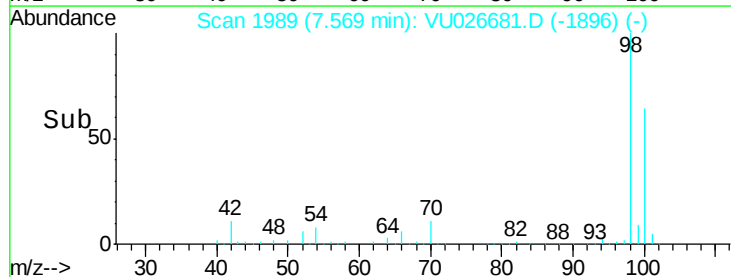
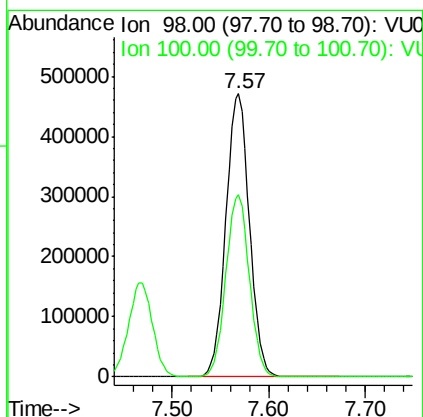
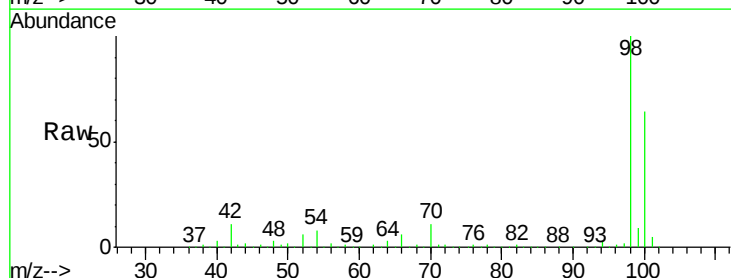
Acq: 11 Sep 2018 12:30

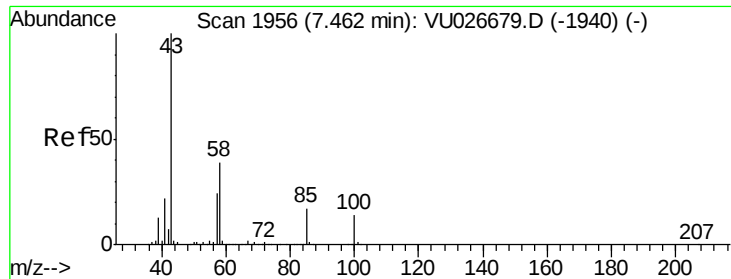
Tgt Ion: 98 Resp: 794953

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 857.06 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

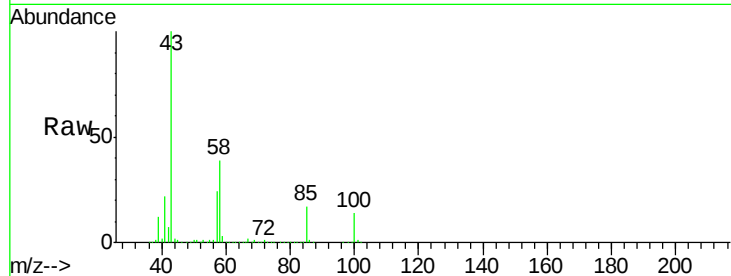
ClientSampled :

Tot Ion: 43 Resp: 1960549

Ion Ratio Lower Upper

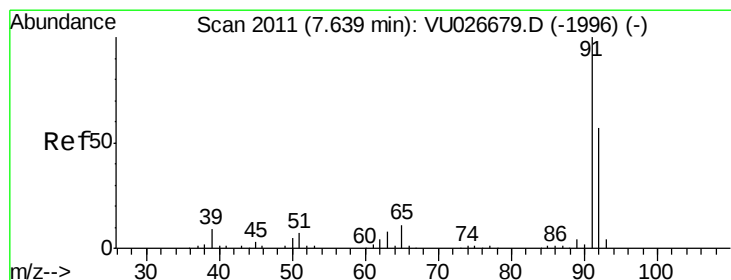
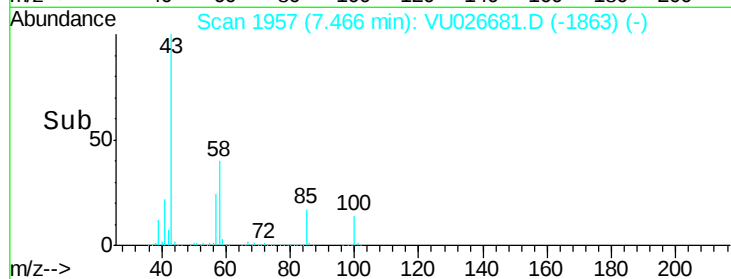
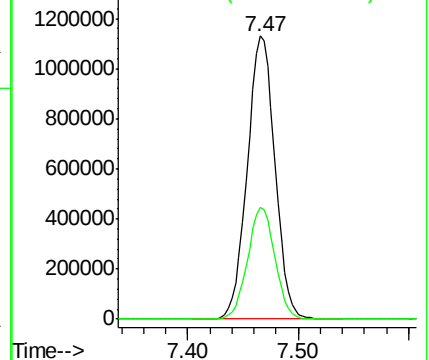
43 100

58 39.1 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 161.36 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026681.D

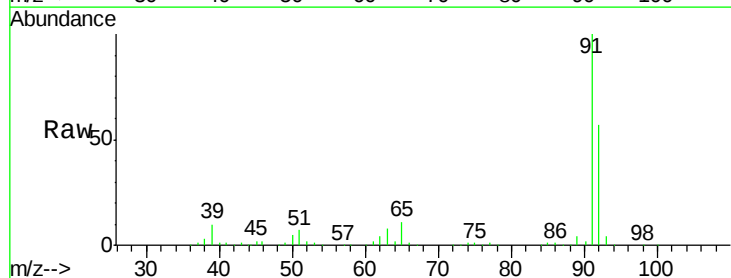
Acq: 11 Sep 2018 12:30

Tgt Ion: 92 Resp: 557519

Ion Ratio Lower Upper

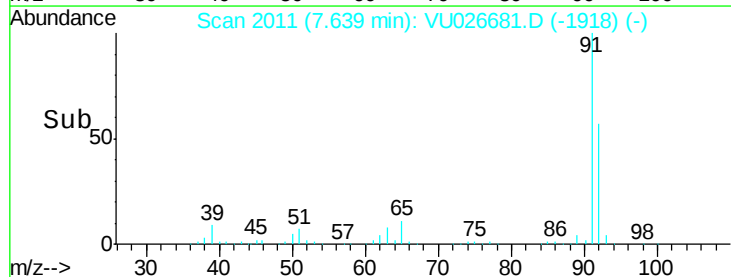
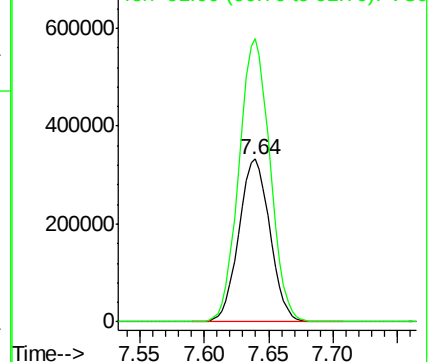
92 100

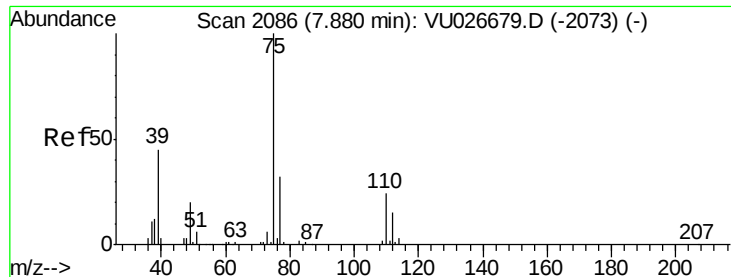
91 173.6 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

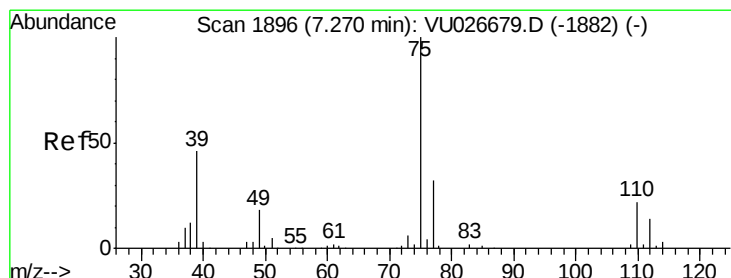
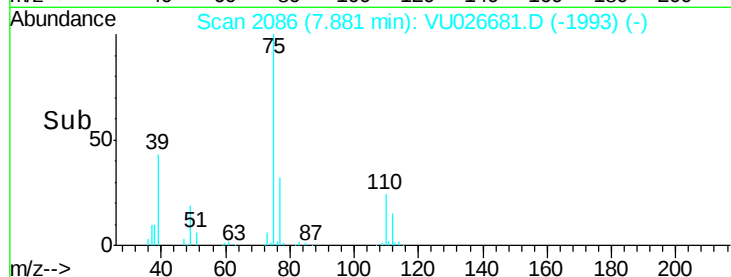
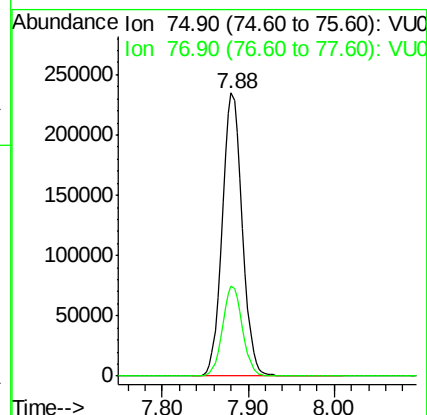
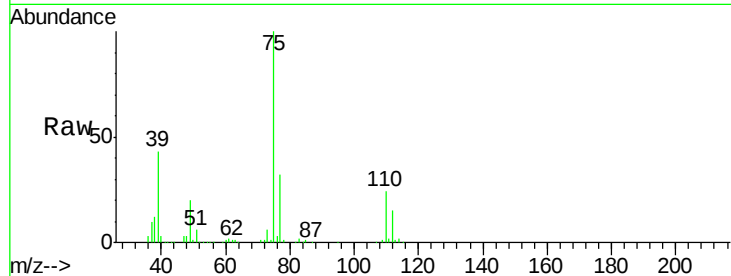




#53
 t-1,3-Dichloropropene
 Concen: 170.62 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

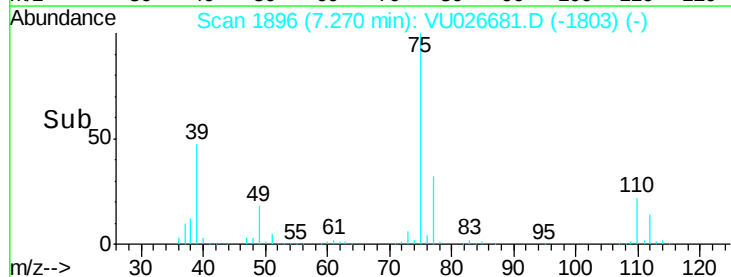
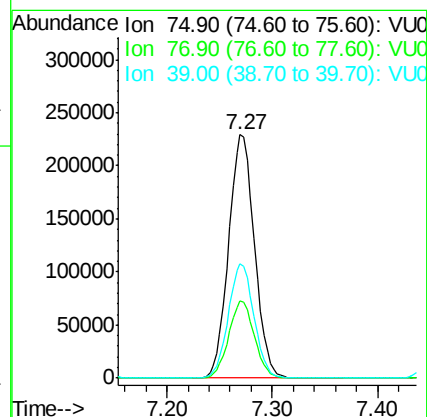
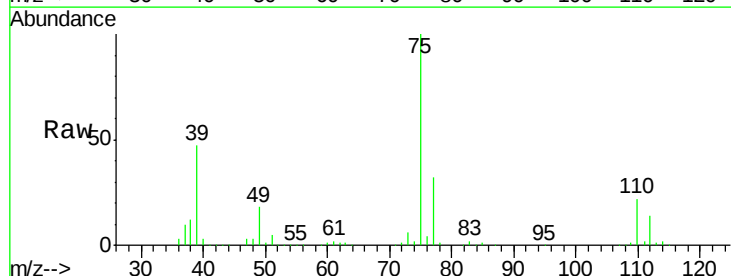
Instrument :
 MSVOA_U
 ClientSampled :

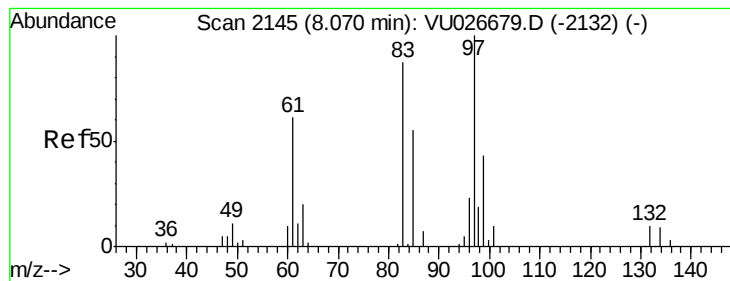
Tot Ion: 75 Resp: 379210
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 162.53 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion: 75 Resp: 387883
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 47.2 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 157.79 ug/l

RT: 8.07 min Scan# 2145

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 97 Resp: 233577

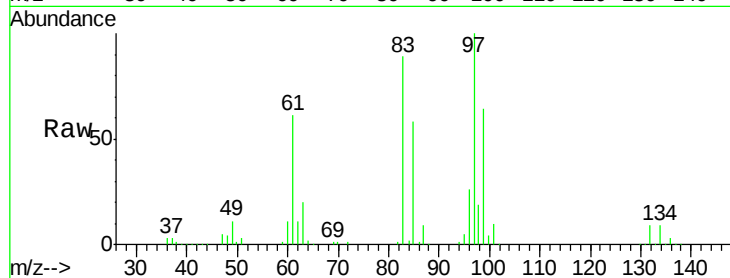
Ion Ratio Lower Upper

97 100

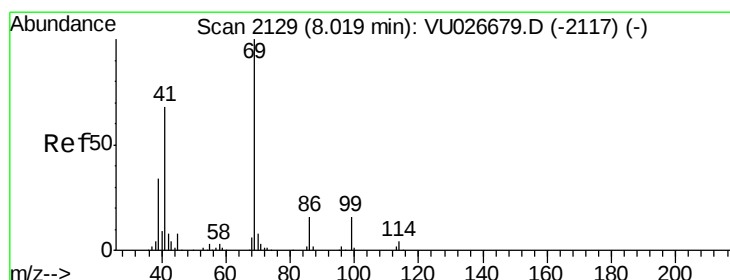
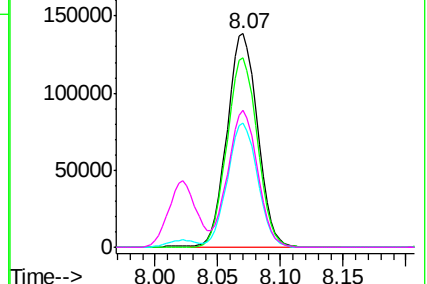
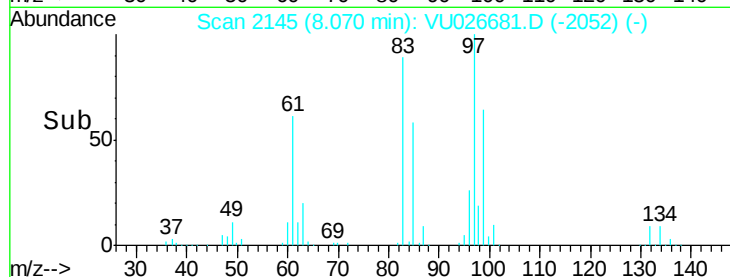
83 88.7 69.3 103.9

85 58.1 45.9 68.9

99 64.0 50.1 75.1



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: 183.10 ug/l

RT: 8.02 min Scan# 2130

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

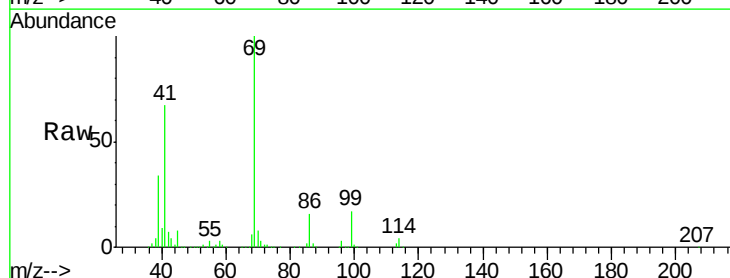
Tgt Ion: 69 Resp: 395752

Ion Ratio Lower Upper

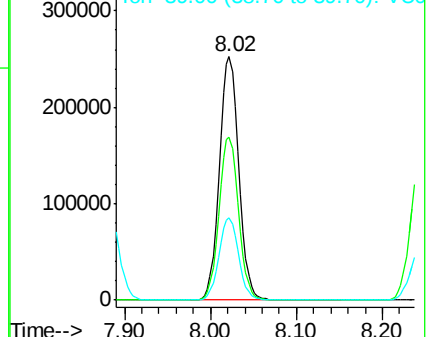
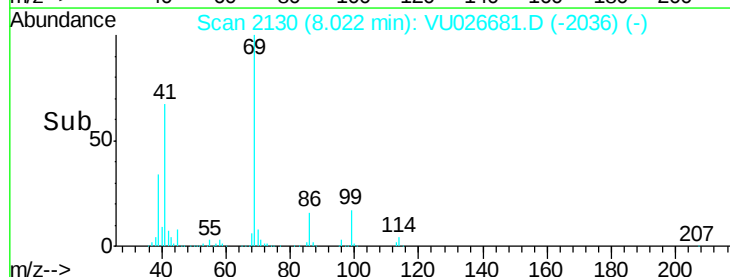
69 100

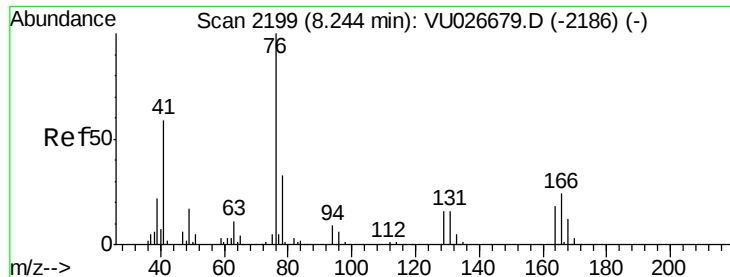
41 67.4 54.2 81.2

39 34.2 28.4 42.6



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: 161.70 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

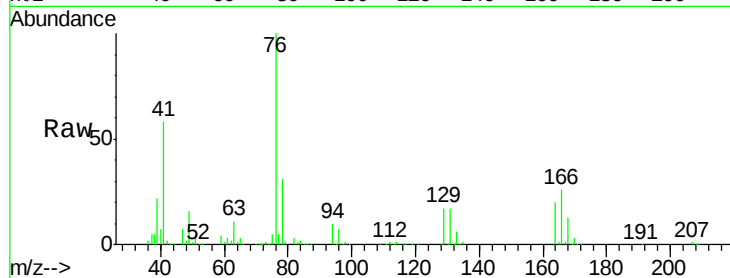
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 76 Resp: 407995

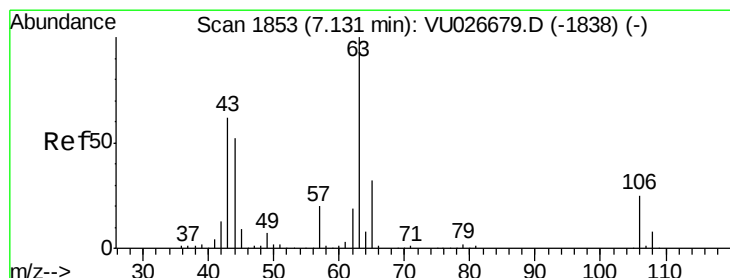
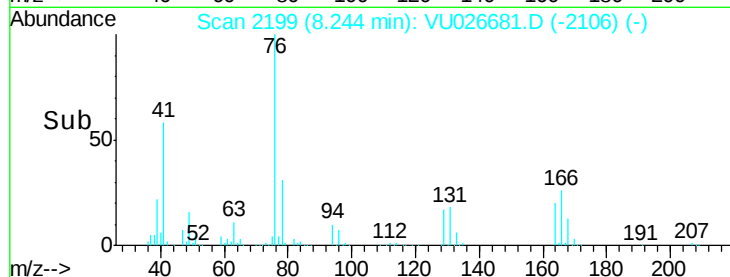
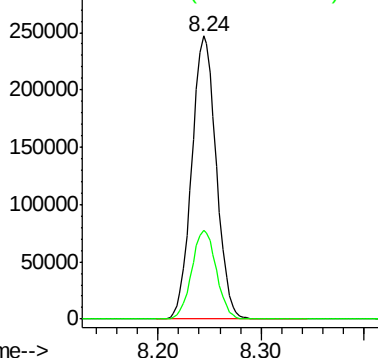
Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



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



#58

2-Chloroethyl Vinyl ether

Concen: 865.01 ug/l

RT: 7.13 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VU026681.D

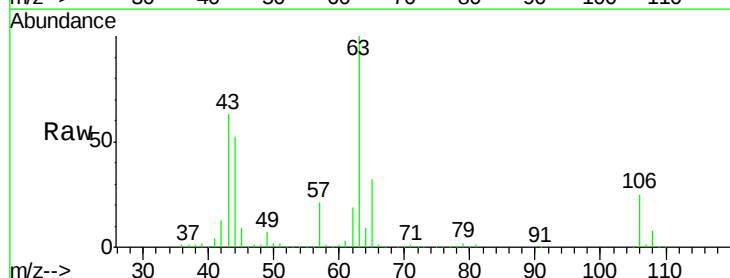
Acq: 11 Sep 2018 12:30

Tgt Ion: 63 Resp: 921700

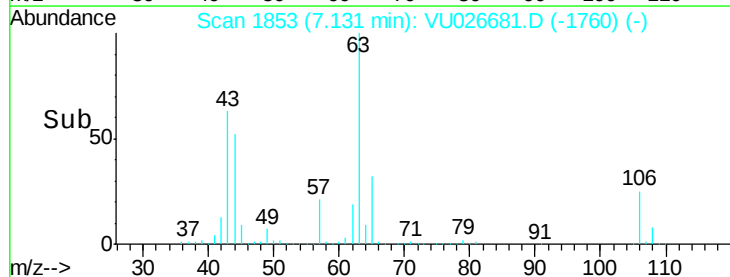
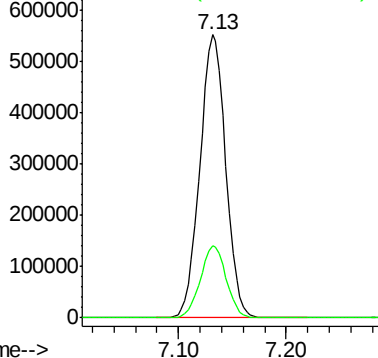
Ion Ratio Lower Upper

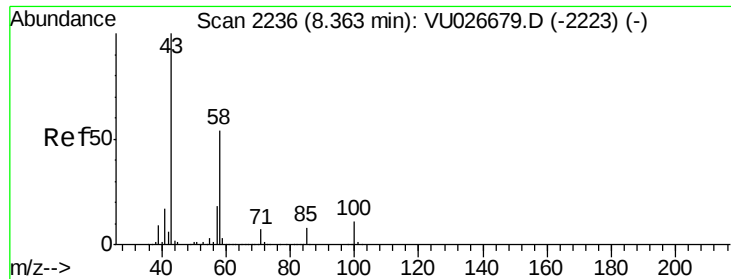
63 100

106 25.5 20.5 30.7



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

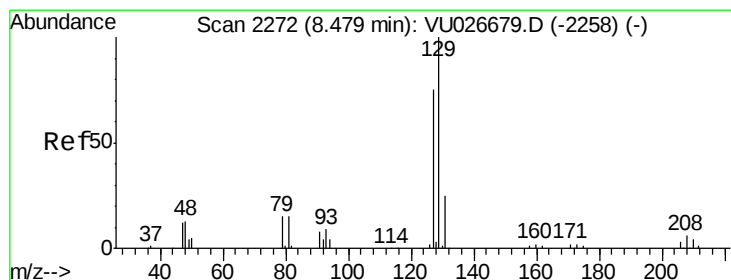
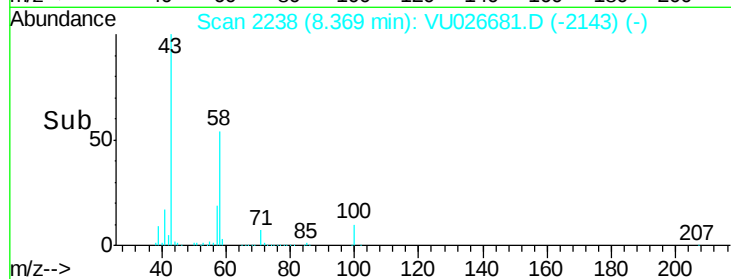
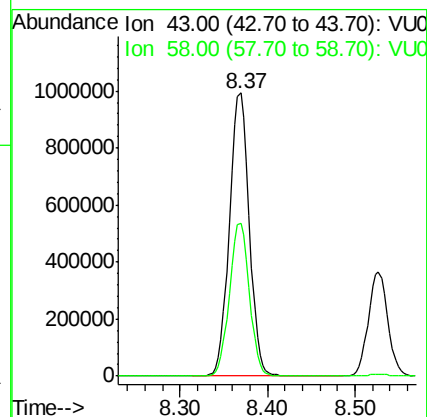
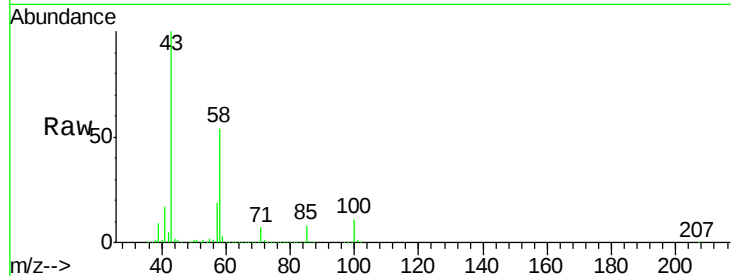




#59
2-Hexanone
Concen: 870.07 ug/l
RT: 8.37 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

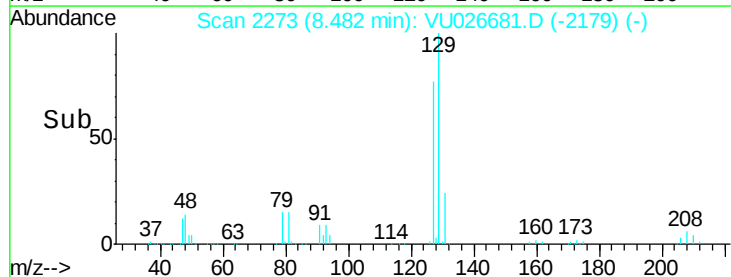
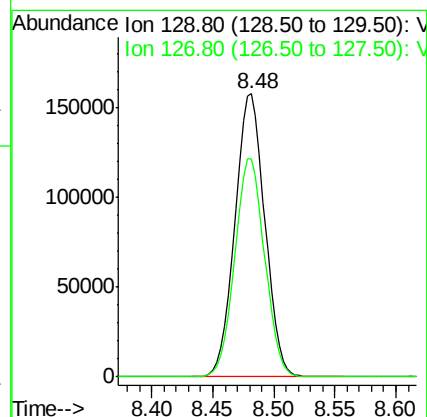
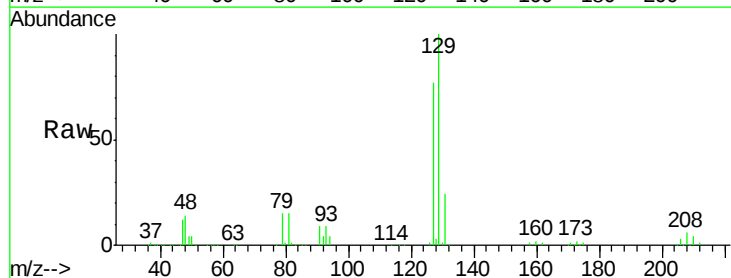
Instrument :
MSVOA_U
ClientSampleId :

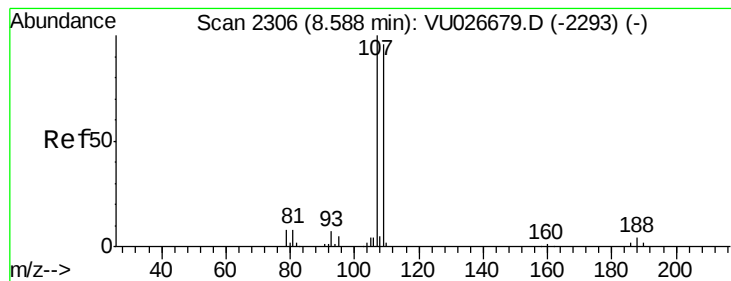
Tot Ion: 43 Resp: 1566380
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.7



#60
Dibromochloromethane
Concen: 167.58 ug/l
RT: 8.48 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 129 Resp: 268666
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 159.24 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

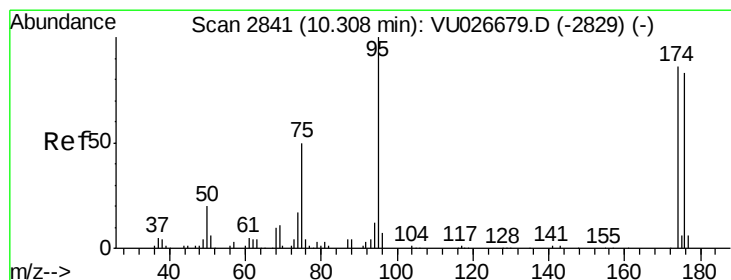
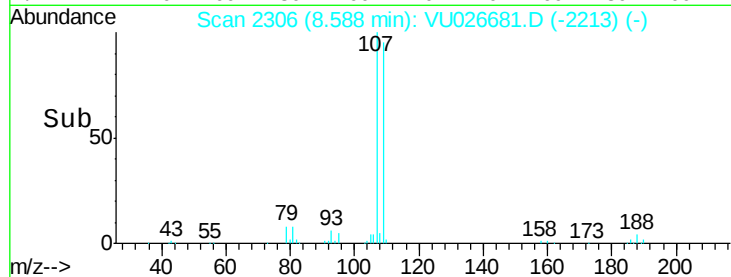
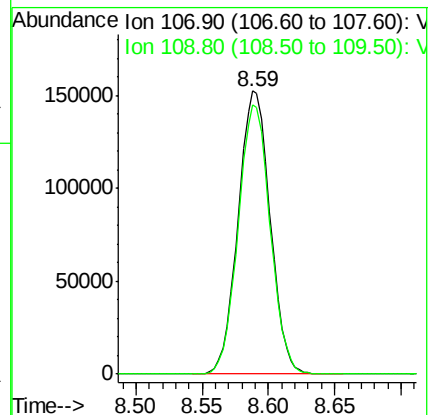
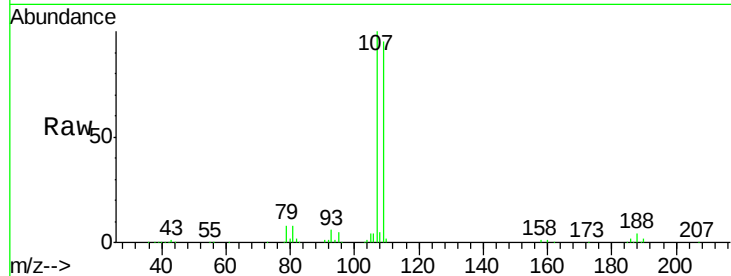
ClientSampleId :

Tot Ion:107 Resp: 255769

Ion Ratio Lower Upper

107 100

109 95.0 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 177.29 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

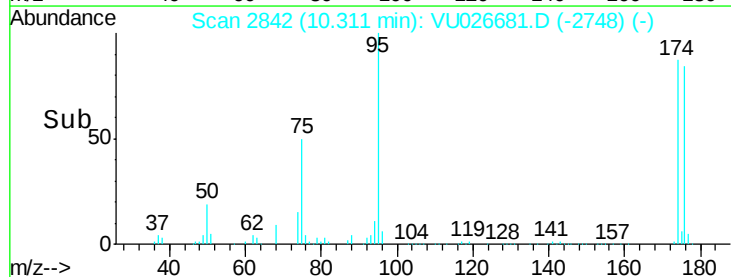
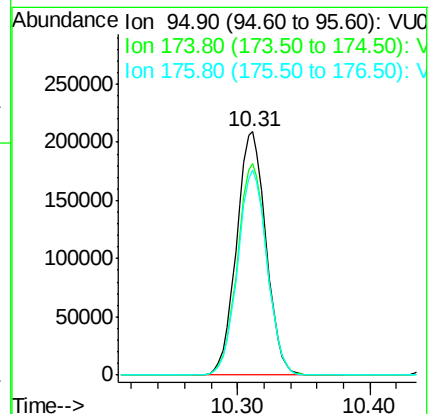
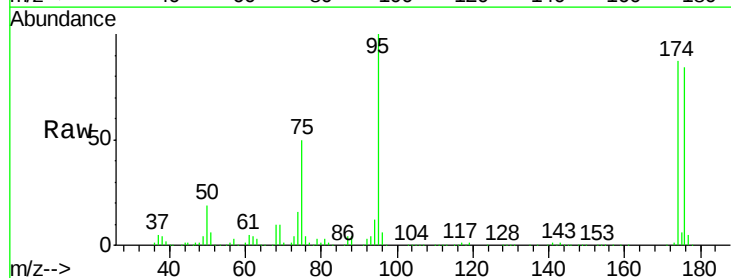
Tgt Ion: 95 Resp: 322476

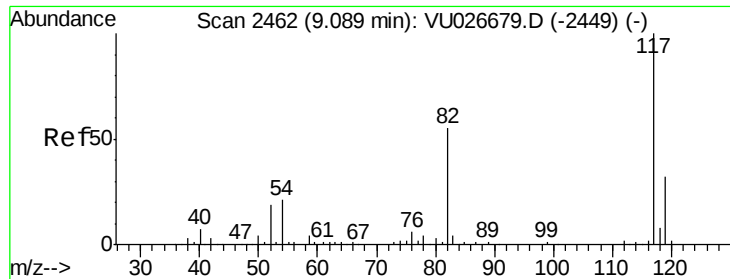
Ion Ratio Lower Upper

95 100

174 86.9 0.0 172.8

176 84.2 0.0 168.6

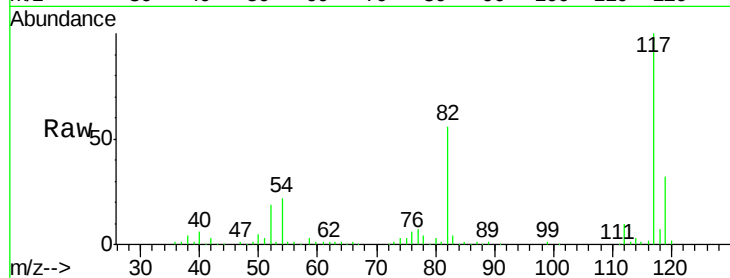




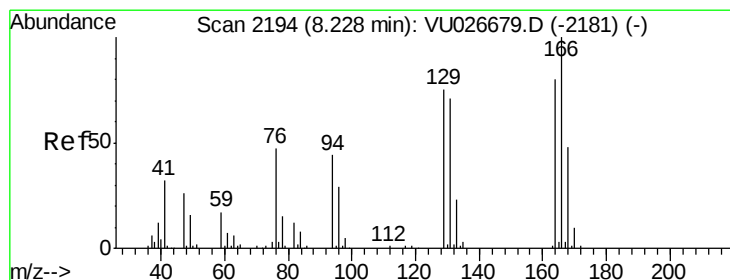
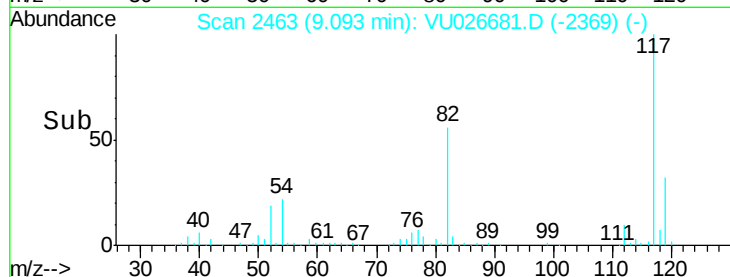
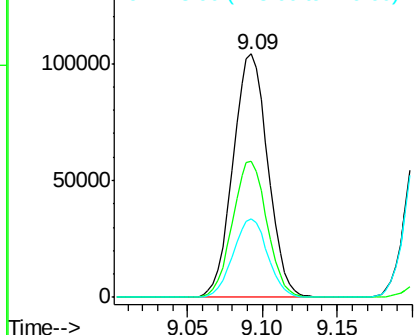
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 168814
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 32.2 25.7 38.5

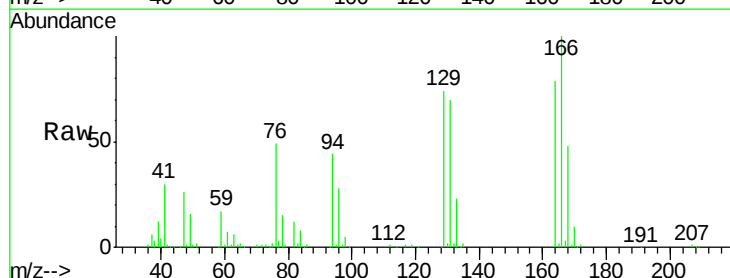


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

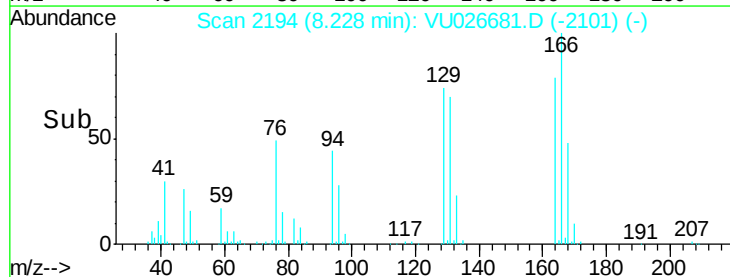
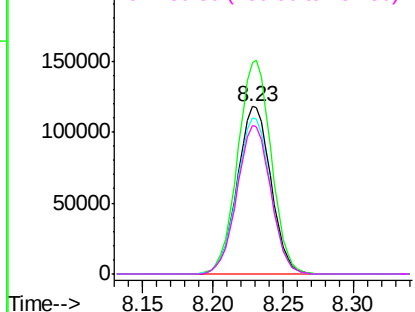


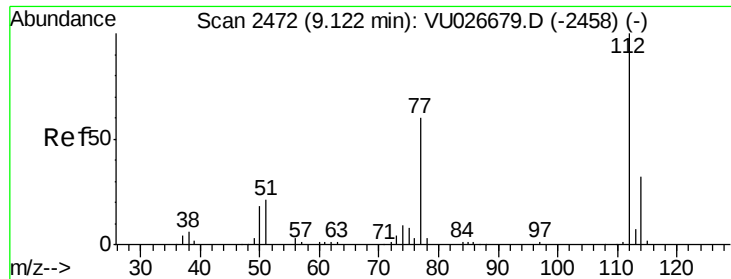
#64
Tetrachloroethene
Concen: 146.37 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion:164 Resp: 196662
Ion Ratio Lower Upper
164 100
166 126.5 100.5 150.7
129 93.3 75.3 112.9
131 88.4 71.4 107.2



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

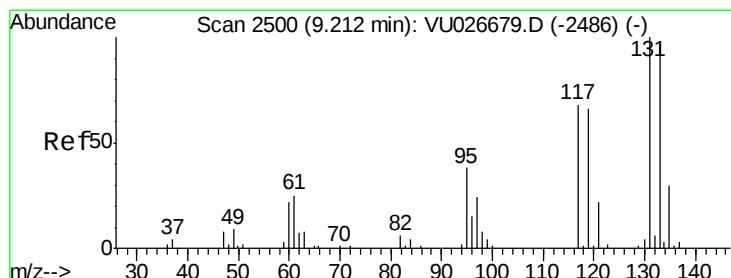
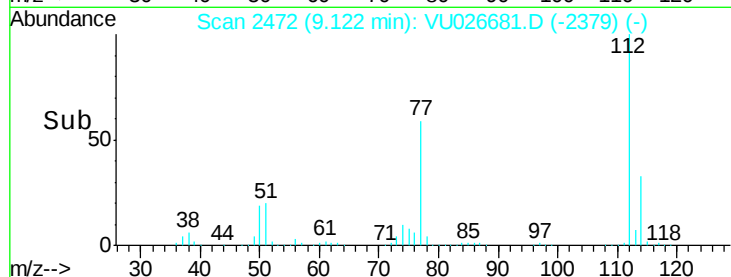
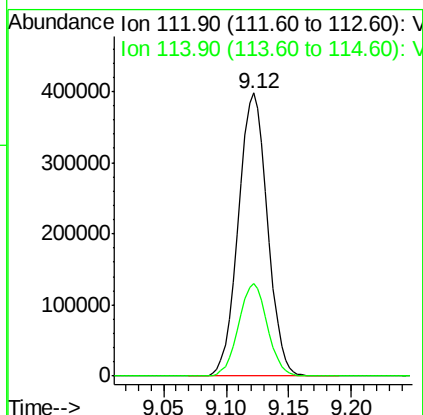
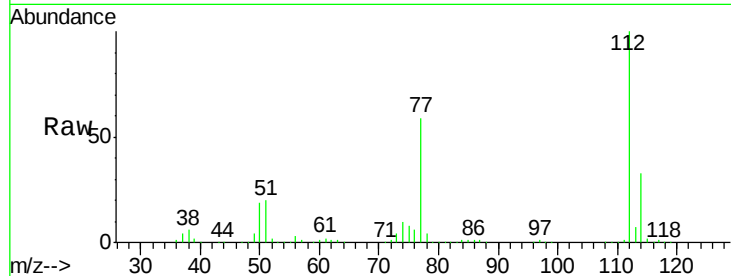




#65
Chlorobenzene
Concen: 153.02 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

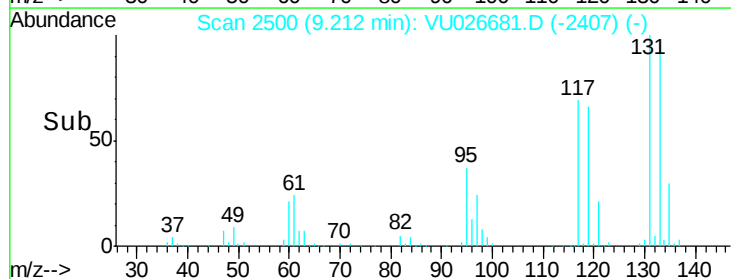
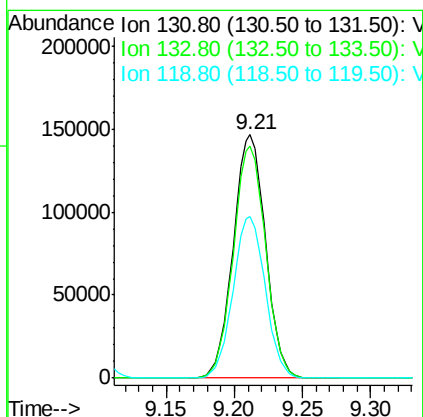
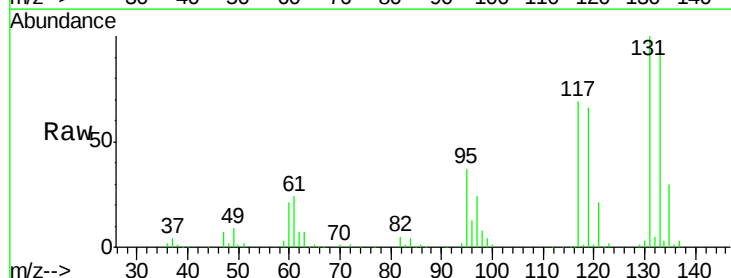
Instrument :
MSVOA_U
ClientSampled :

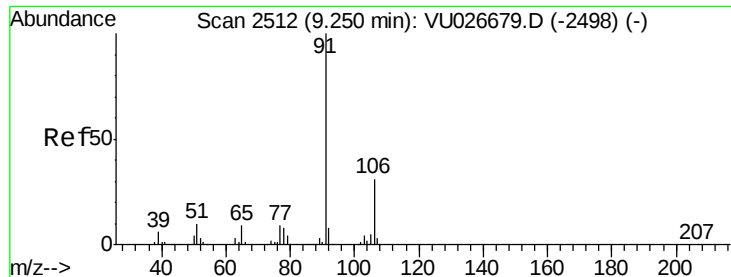
Tot Ion:112 Resp: 641778
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 156.07 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion:131 Resp: 240834
Ion Ratio Lower Upper
131 100
133 95.5 48.9 146.6
119 66.1 32.7 98.1

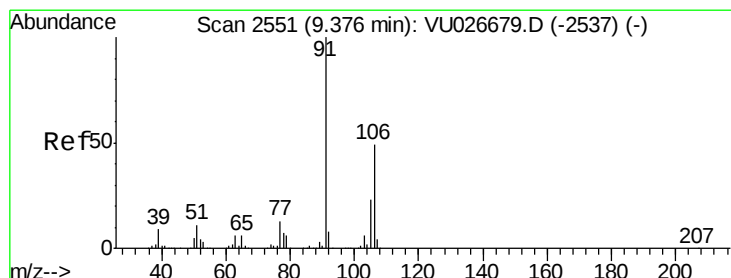
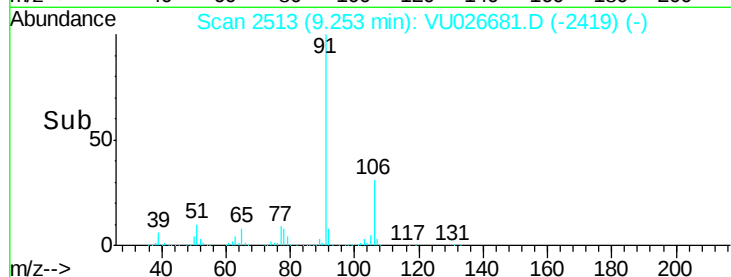
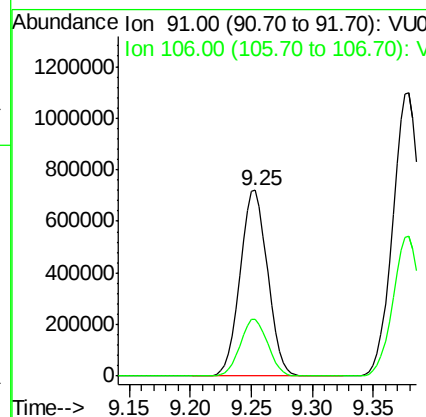
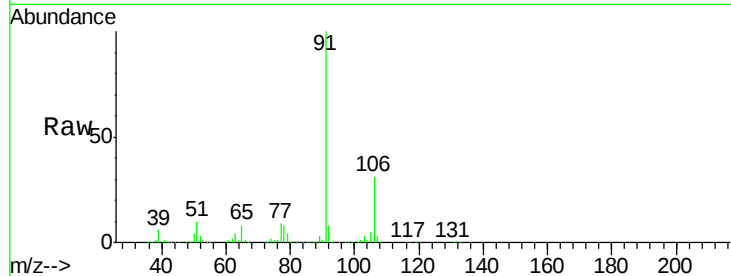




#67
Ethyl Benzene
Concen: 162.71 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

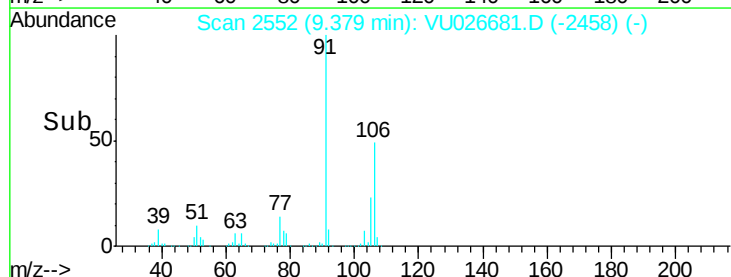
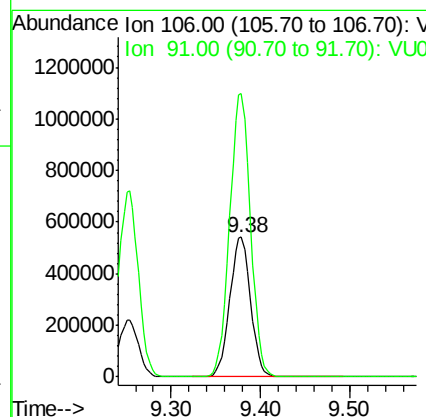
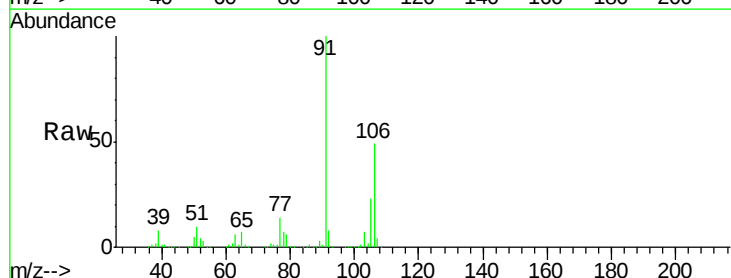
Instrument :
MSVOA_U
ClientSampled :

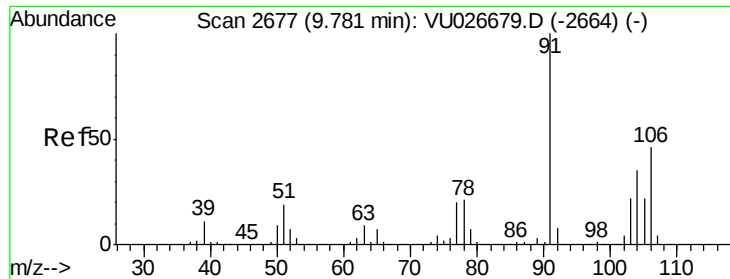
Tot Ion: 91 Resp: 1124142
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4



#68
m/p-Xylenes
Concen: 331.76 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 106 Resp: 871913
Ion Ratio Lower Upper
106 100
91 203.1 162.1 243.1

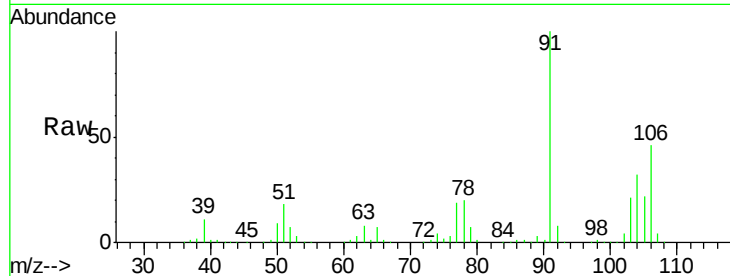




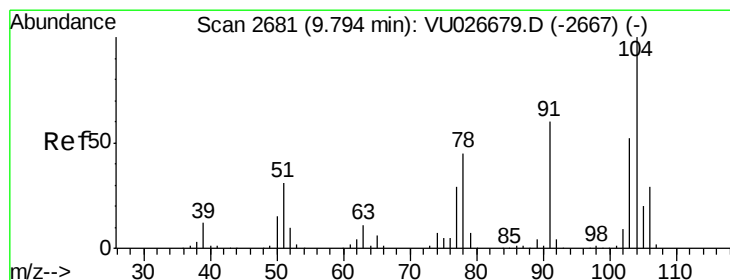
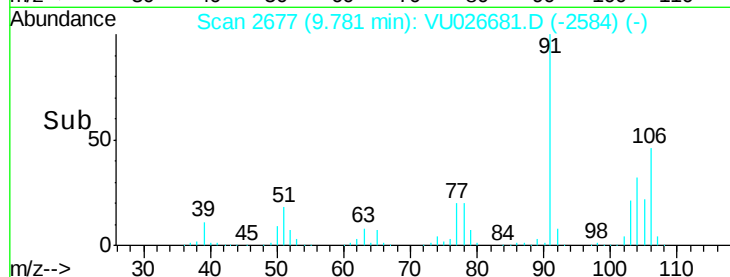
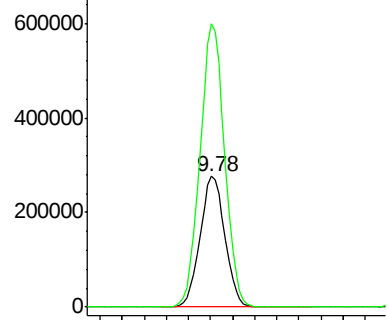
#69
o-Xylene
Concen: 168.43 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 431231
Ion Ratio Lower Upper
106 100
91 213.9 106.9 320.8

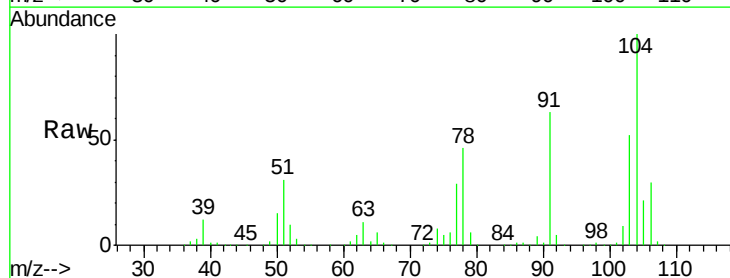


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

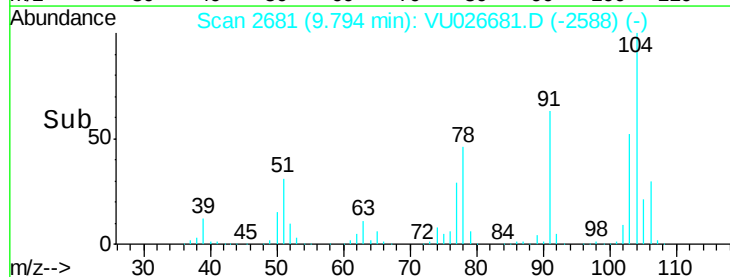
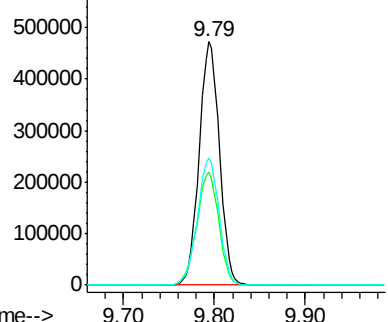


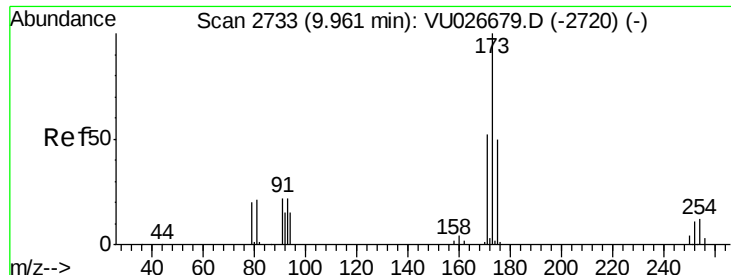
#70
Styrene
Concen: 175.27 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion:104 Resp: 734560
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 55.5 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 174.60 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :

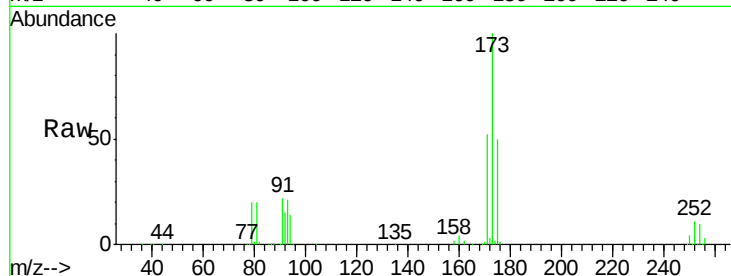
Tot Ion:173 Resp: 234329

Ion Ratio Lower Upper

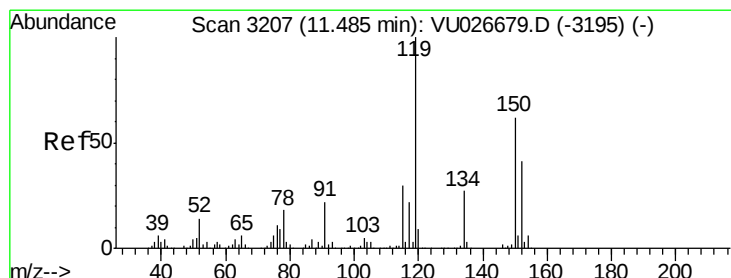
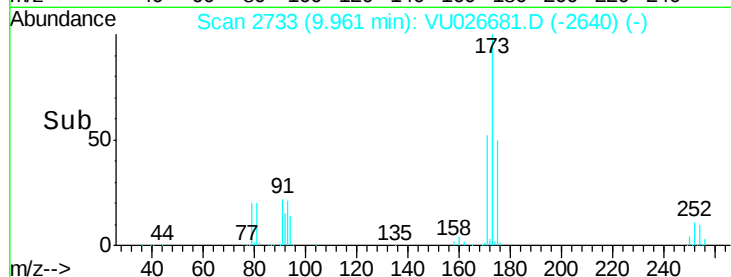
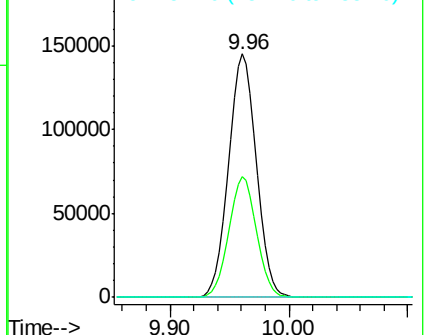
173 100

175 49.2 24.7 74.1

254 0.1 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: 50.00 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

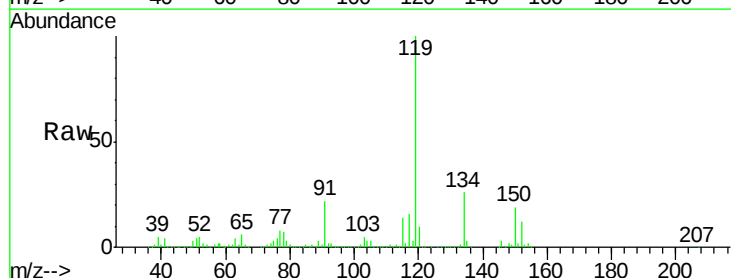
Tgt Ion:152 Resp: 110413

Ion Ratio Lower Upper

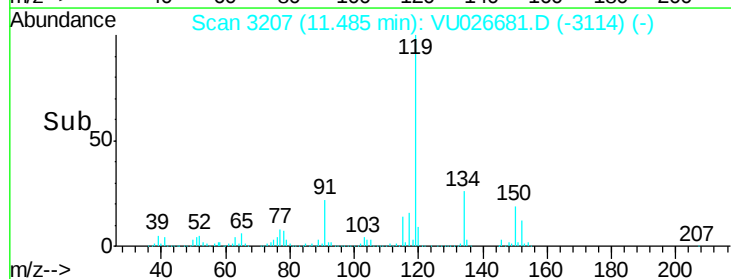
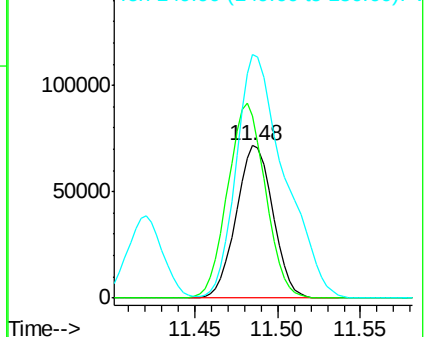
152 100

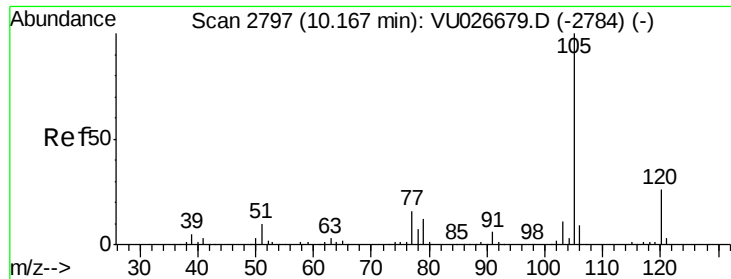
115 131.3 40.4 121.1#

150 211.0 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

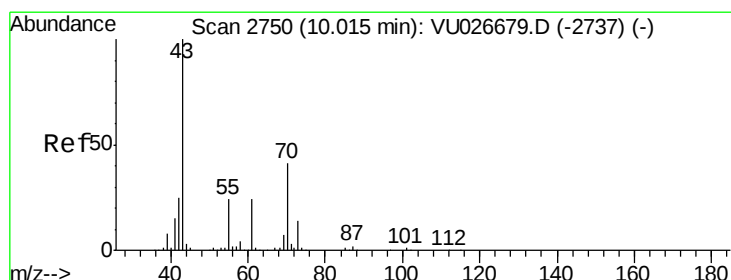
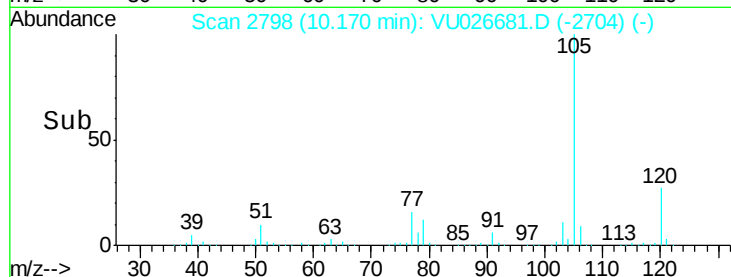
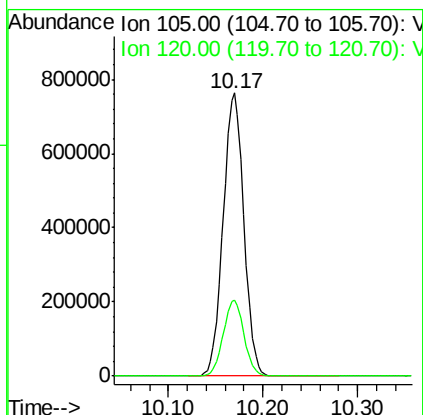
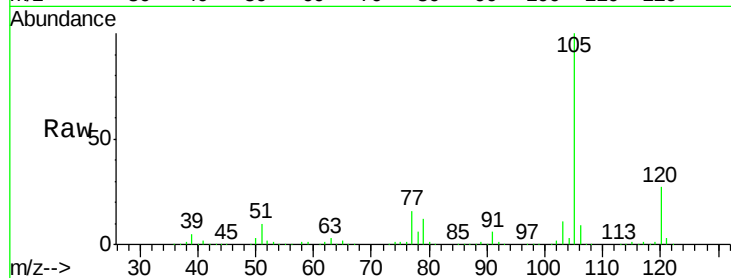




#73
Isopropylbenzene
Concen: 153.85 ug/l
RT: 10.17 min Scan# 2798
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

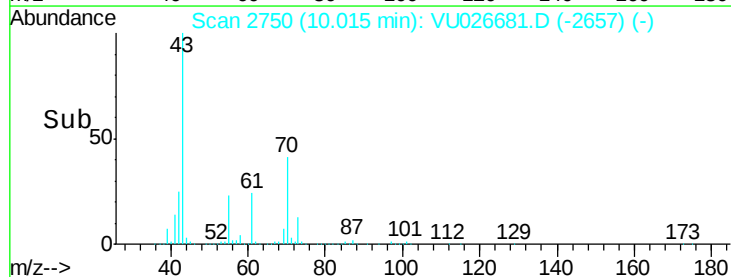
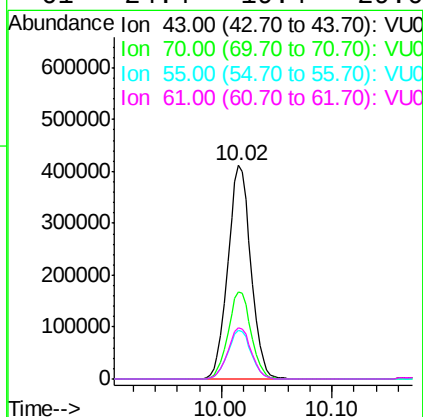
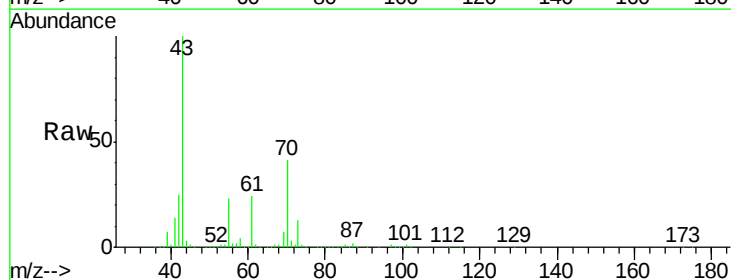
Instrument :
MSVOA_U
ClientSampleId :

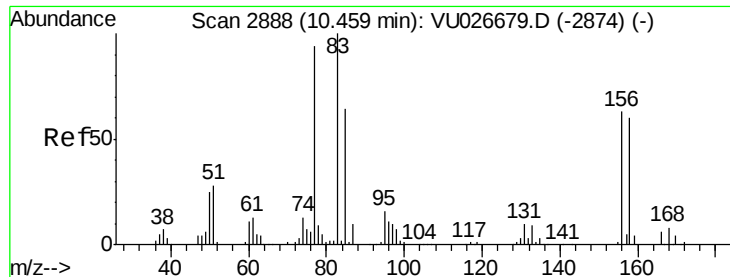
Tot Ion:105 Resp: 1157548
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 167.47 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 43 Resp: 594892
Ion Ratio Lower Upper
43 100
70 40.9 32.6 48.8
55 23.3 19.1 28.7
61 24.4 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 143.57 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

ClientSampleId :

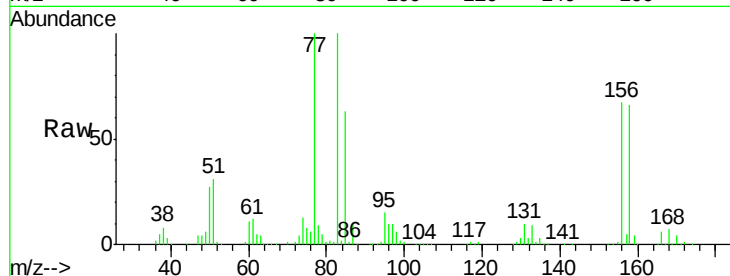
Tot Ion: 83 Resp: 440252

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

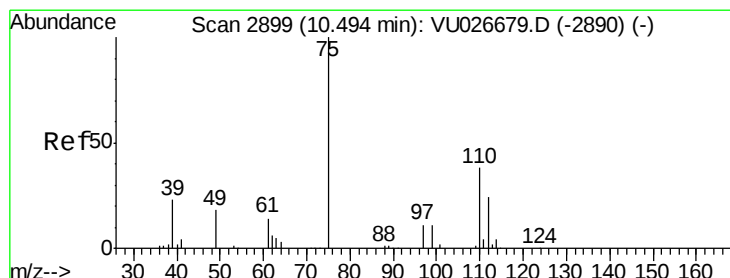
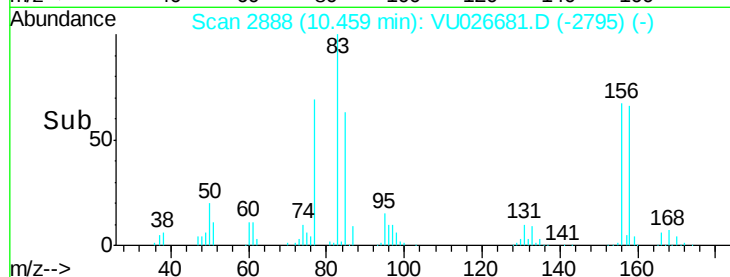
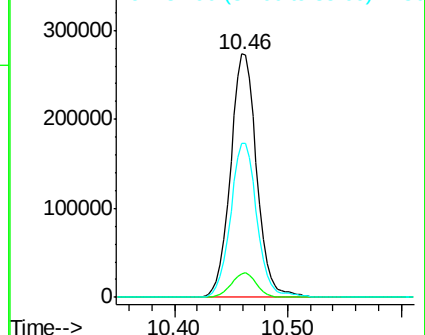
85 64.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 184.83 ug/l

RT: 10.50 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VU026681.D

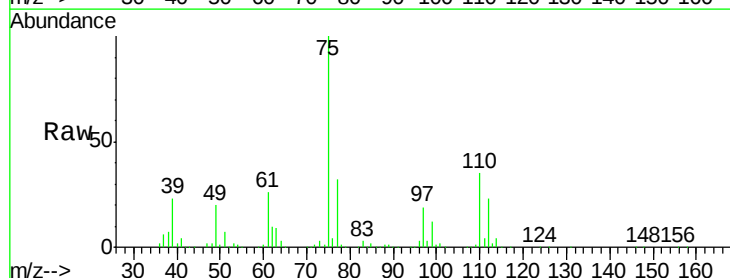
Acq: 11 Sep 2018 12:30

Tgt Ion: 75 Resp: 519103

Ion Ratio Lower Upper

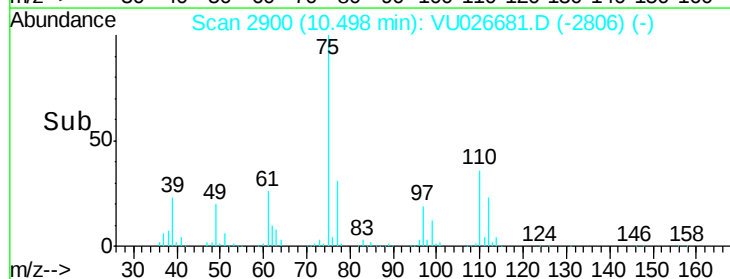
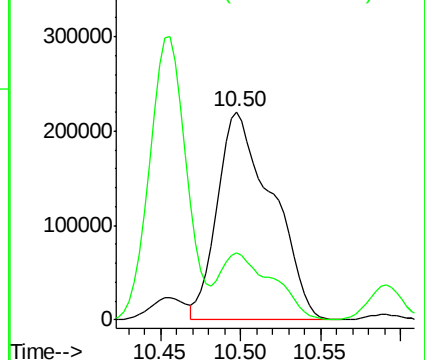
75 100

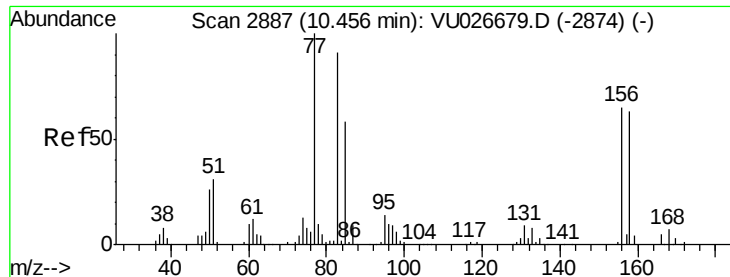
77 30.8 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 149.88 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

ClientSampleId :

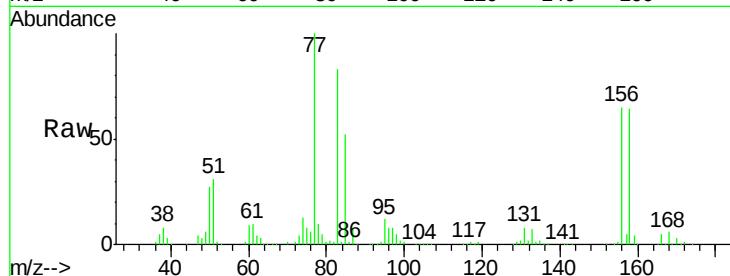
Tot Ion:156 Resp: 306487

Ion Ratio Lower Upper

156 100

77 158.6 77.6 232.9

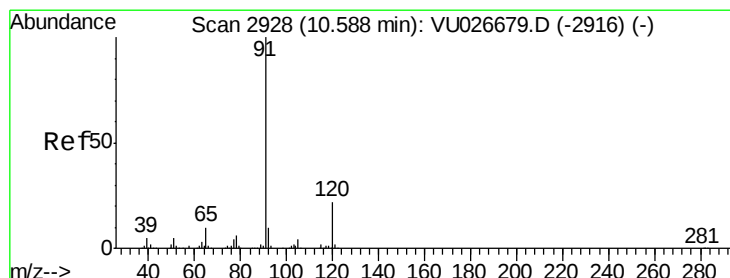
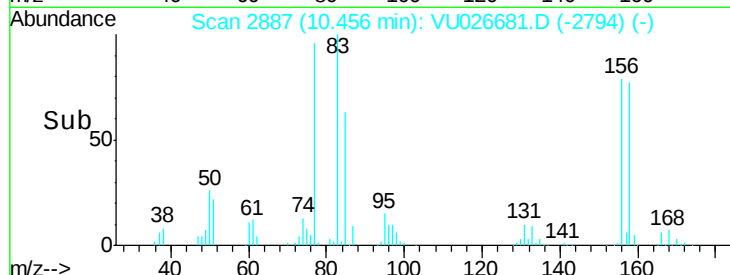
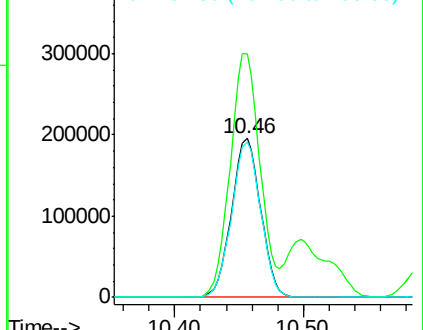
158 97.7 48.9 146.6



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: 161.31 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU026681.D

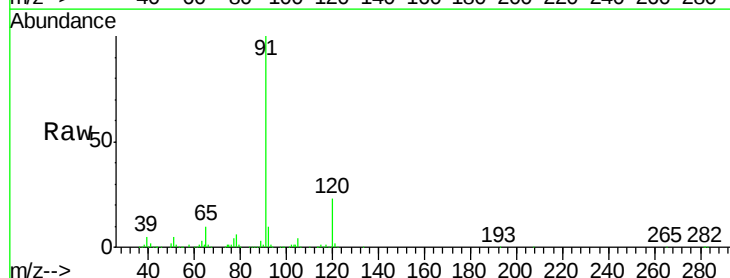
Acq: 11 Sep 2018 12:30

Tgt Ion: 91 Resp: 1411590

Ion Ratio Lower Upper

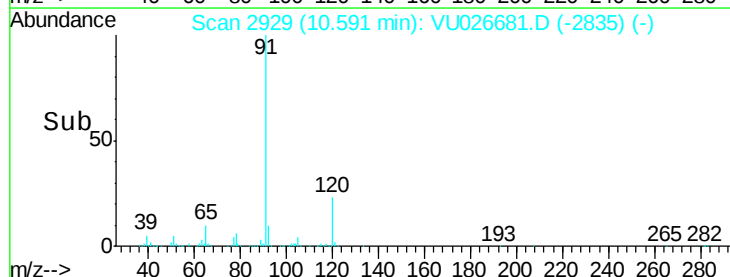
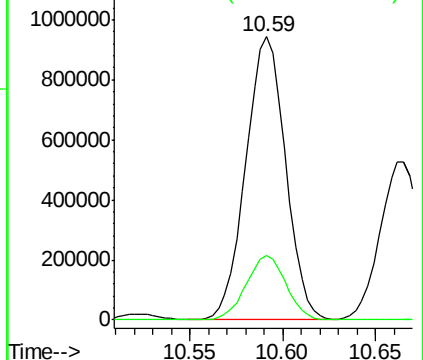
91 100

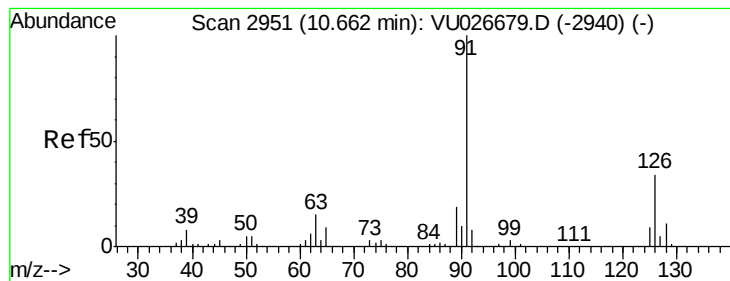
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 150.84 ug/l

RT: 10.66 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

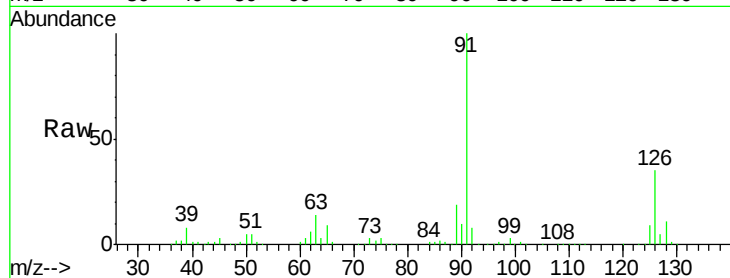
ClientSampled :

Tot Ion: 91 Resp: 818280

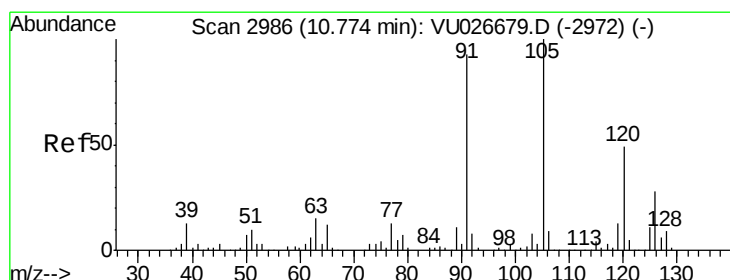
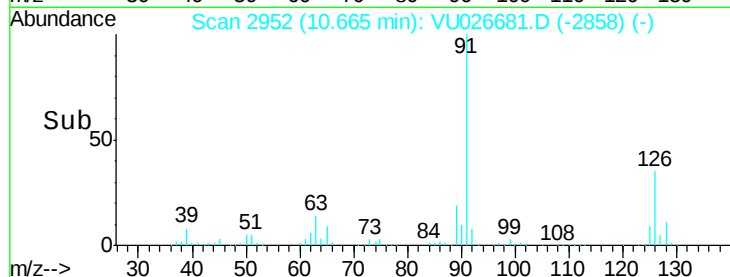
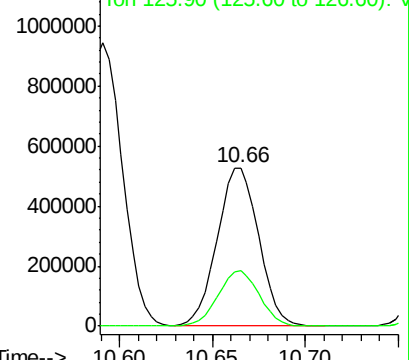
Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VU026679.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 159.87 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026681.D

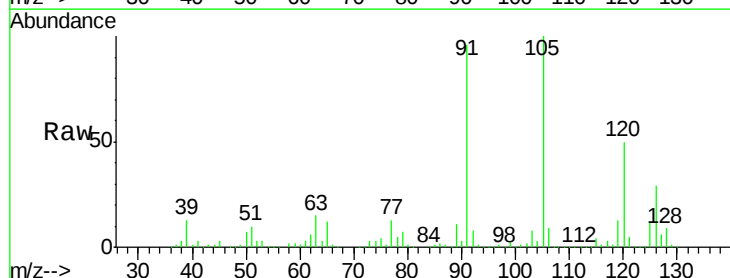
Acq: 11 Sep 2018 12:30

Tgt Ion:105 Resp: 1011070

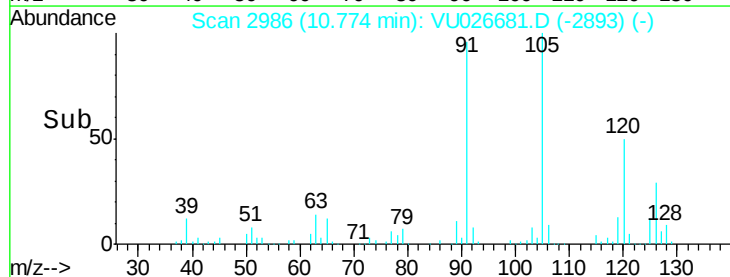
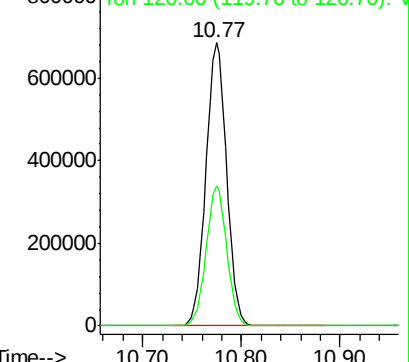
Ion Ratio Lower Upper

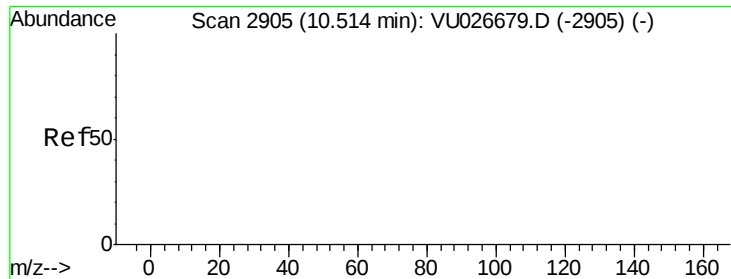
105 100

120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VU026679.D (-2972) (-)

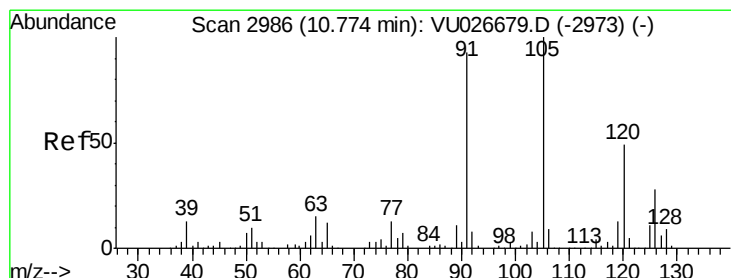
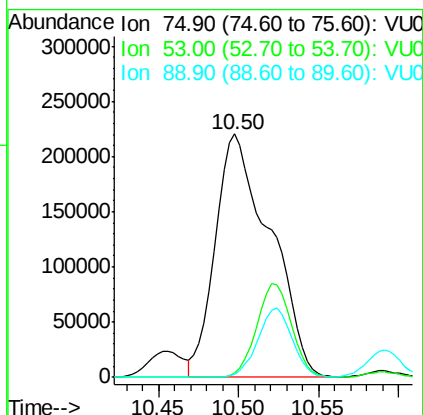
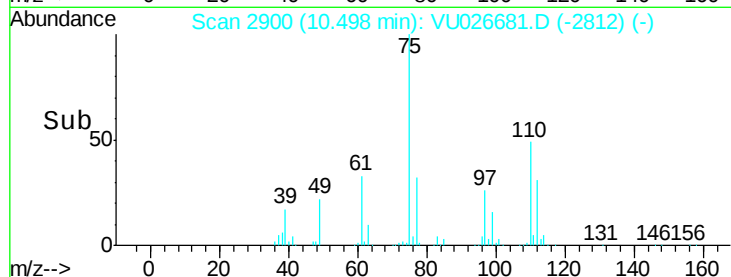
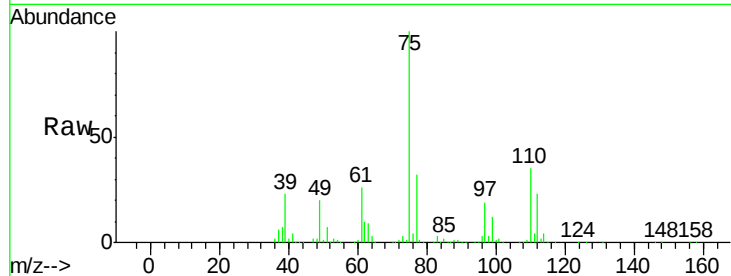




#81
trans-1,4-Dichloro-2-butene
Concen: 413.18 ug/l
RT: 10.50 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

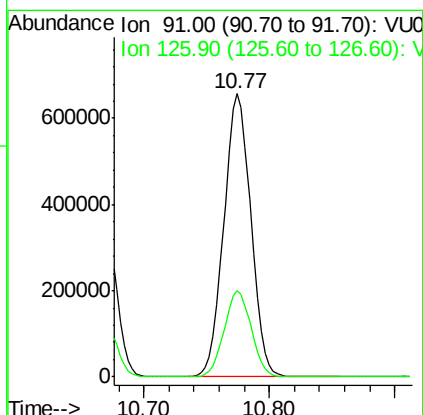
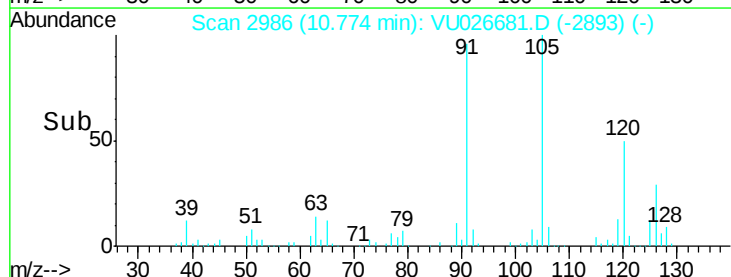
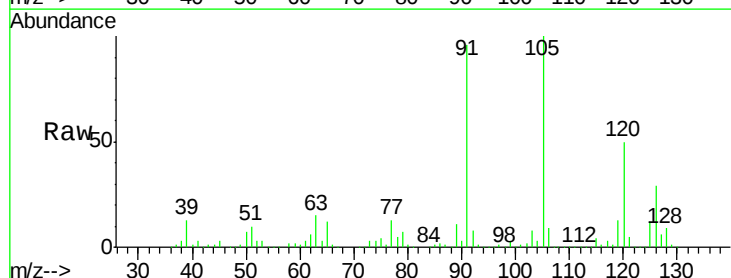
Instrument :
MSVOA_U
ClientSampled :

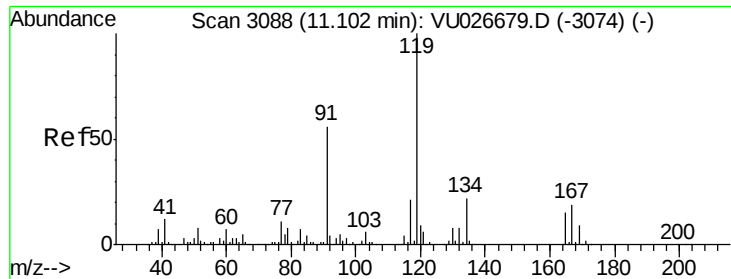
Tot Ion: 75 Resp: 519103
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 160.36 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 91 Resp: 977390
Ion Ratio Lower Upper
91 100
126 30.6 15.2 45.5

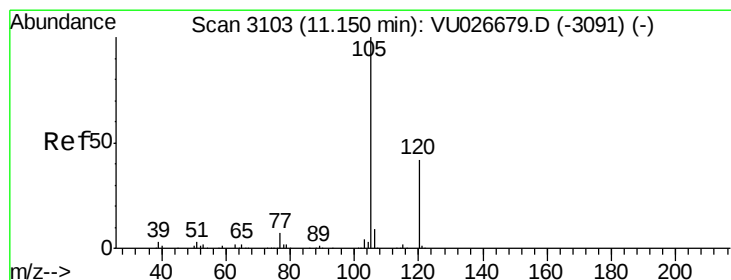
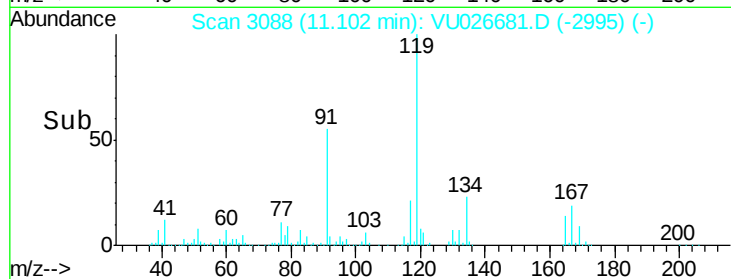
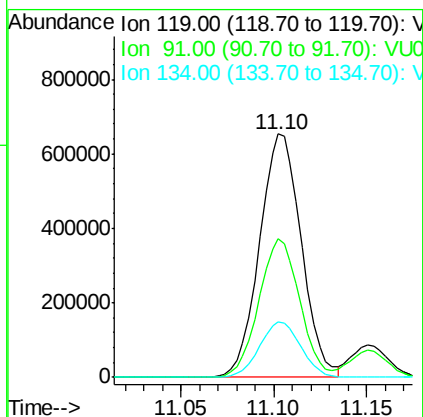
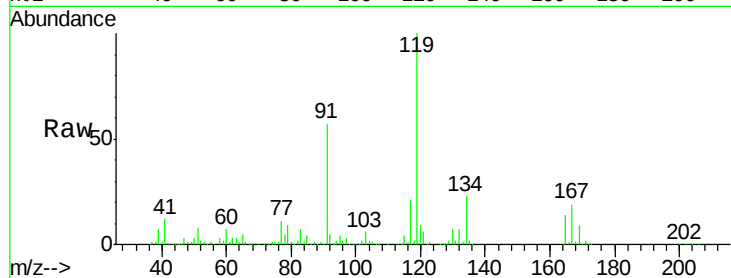




#83
 tert-Butylbenzene
 Concen: 160.14 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

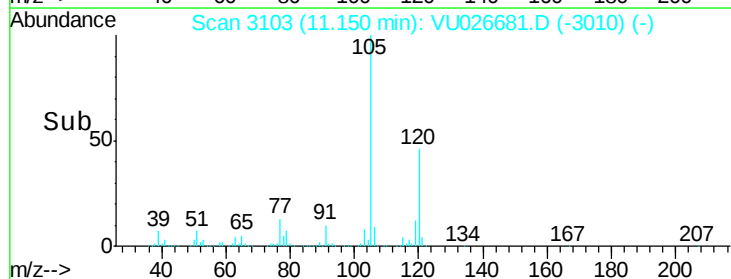
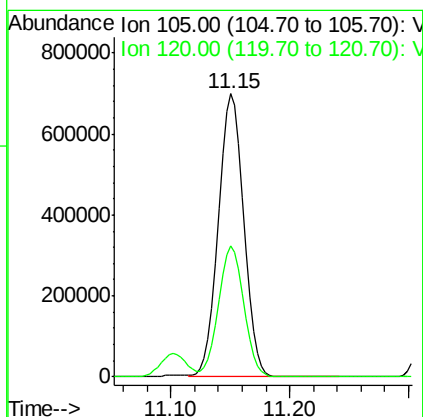
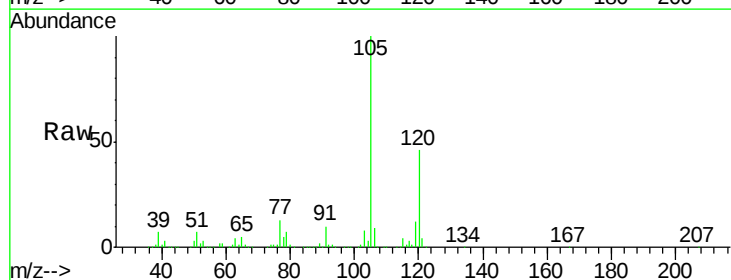
Instrument :
 MSVOA_U
 ClientSampled :

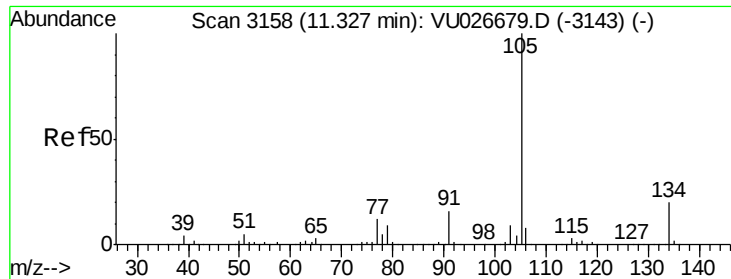
Tot Ion:119 Resp: 1027790
 Ion Ratio Lower Upper
 119 100
 91 55.7 28.3 85.0
 134 22.5 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 161.99 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion:105 Resp: 1033313
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8

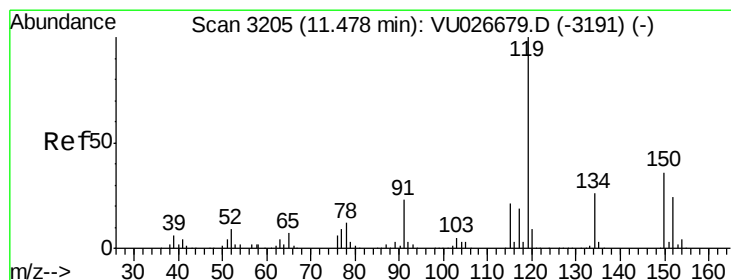
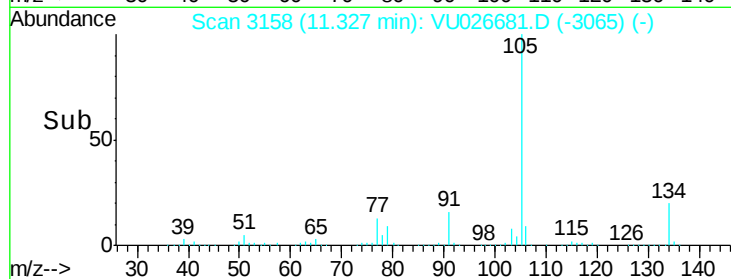
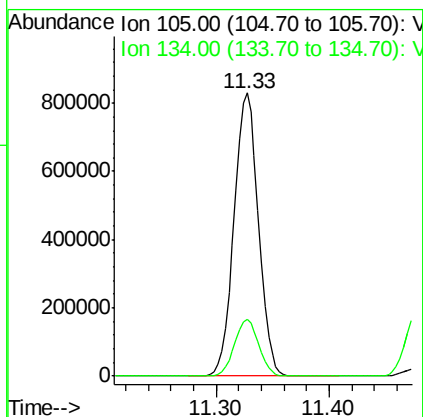
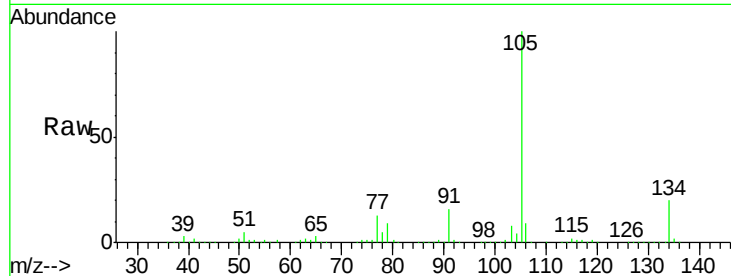




#85
 sec-Butylbenzene
 Concen: 163.14 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

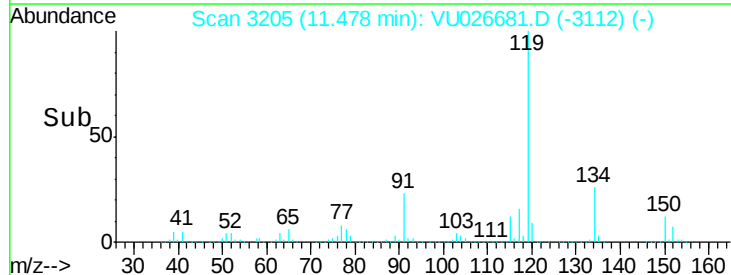
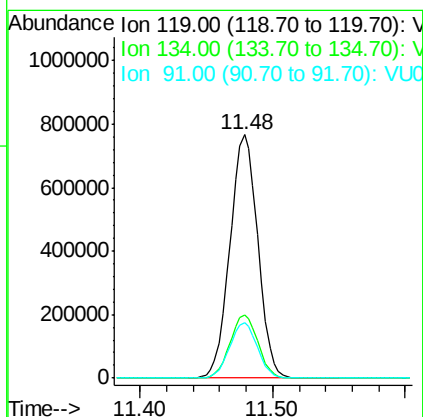
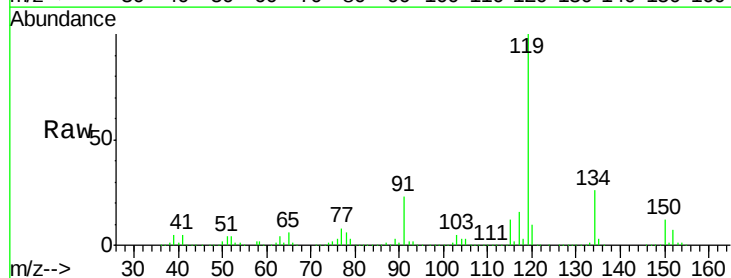
Instrument :
 MSVOA_U
 ClientSampleId :

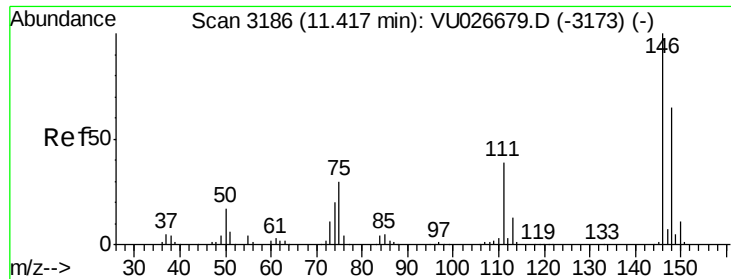
Tot Ion:105 Resp: 1243404
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 167.99 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion:119 Resp: 1116428
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 22.8 11.6 34.8

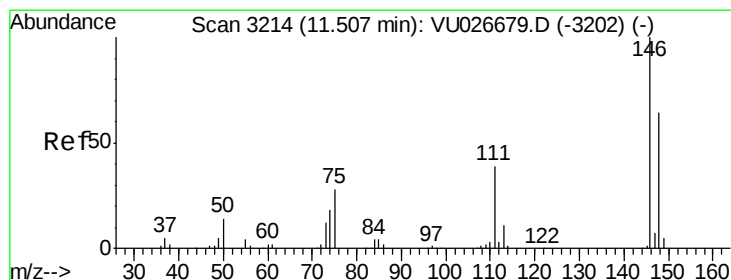
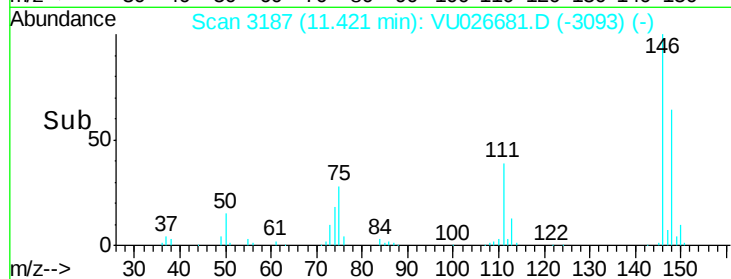
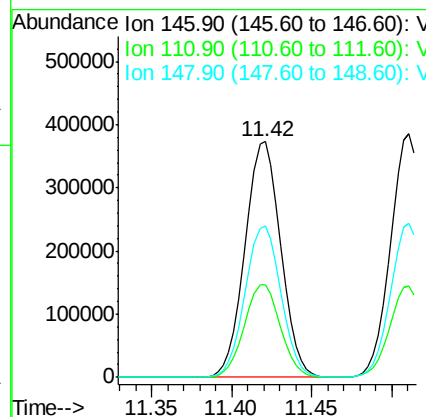
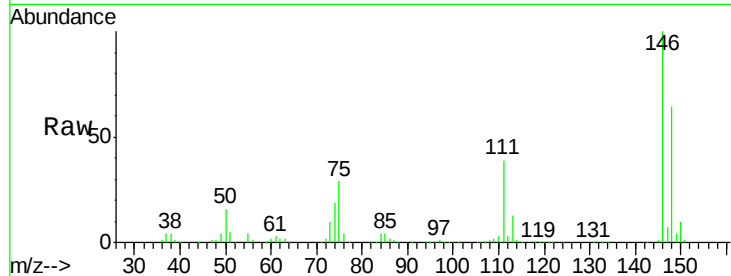




#87
 1,3-Dichlorobenzene
 Concen: 148.69 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

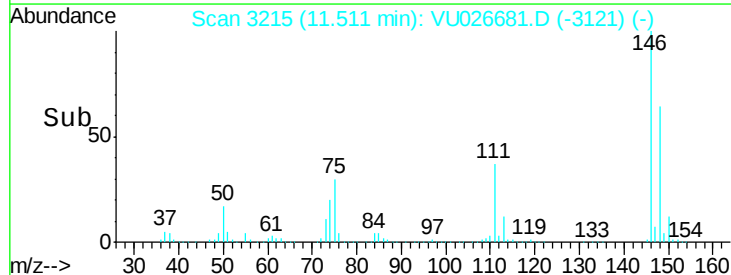
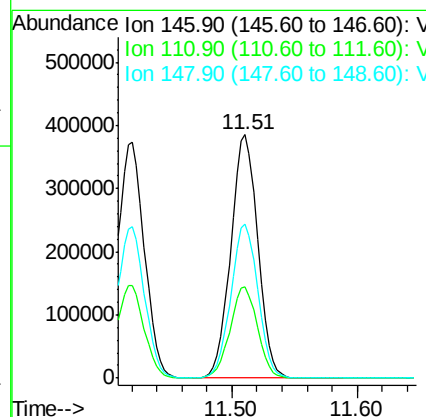
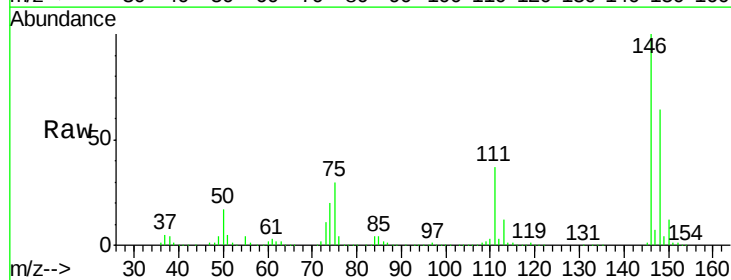
Instrument :
 MSVOA_U
 ClientSampleId :

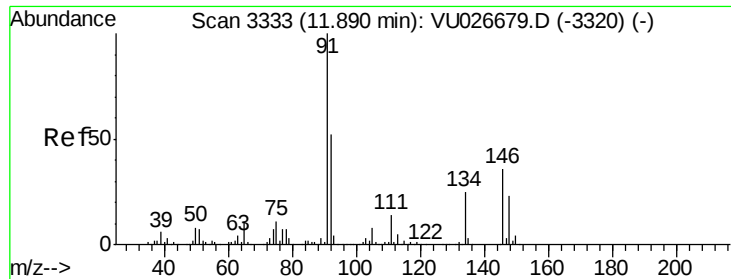
Tot Ion:146 Resp: 567234
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 144.74 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion:146 Resp: 573445
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.2 57.6
 148 63.7 32.1 96.3

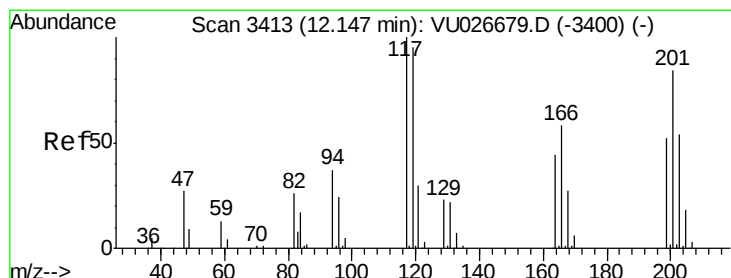
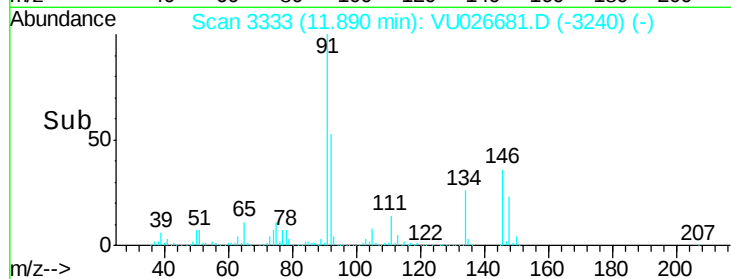
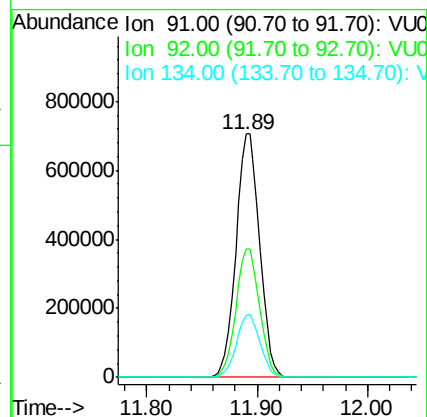
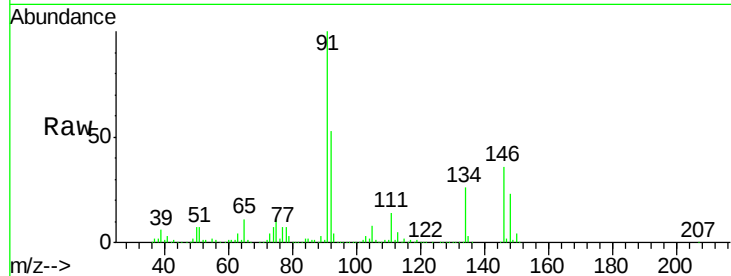




#89
n-Butylbenzene
Concen: 179.26 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

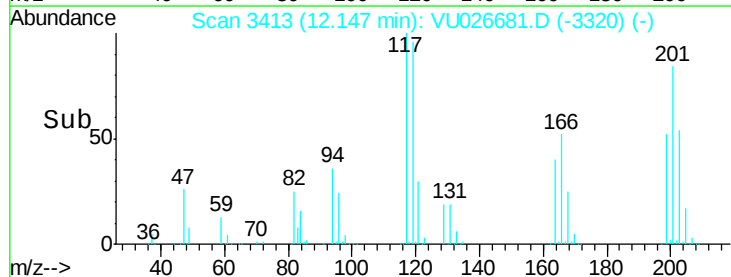
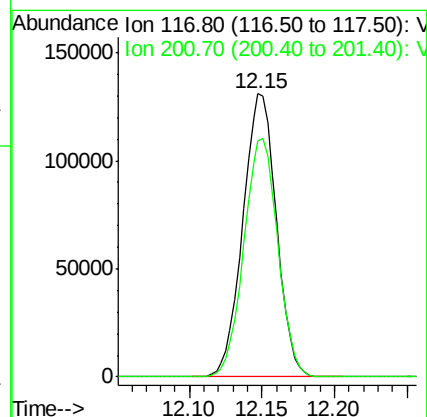
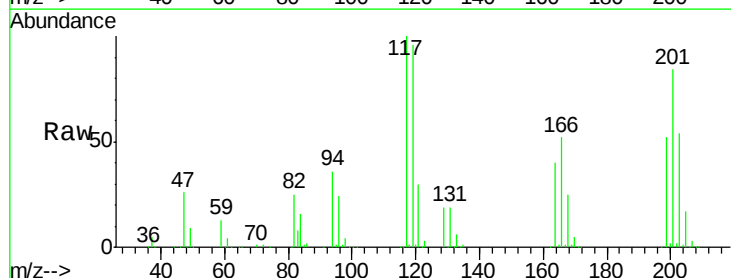
Instrument :
MSVOA_U
ClientSampleId :

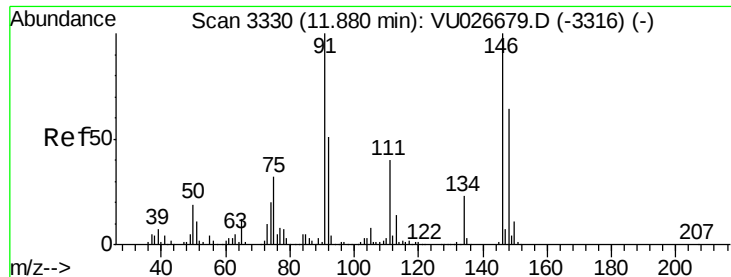
Tot Ion: 91 Resp: 1043798
Ion Ratio Lower Upper
91 100
92 52.6 25.8 77.3
134 25.8 12.6 37.8



#90
Hexachloroethane
Concen: 156.64 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion: 117 Resp: 210672
Ion Ratio Lower Upper
117 100
201 85.3 42.4 127.1





#91

1,2-Dichlorobenzene

Concen: 148.09 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA_U

ClientSampled :

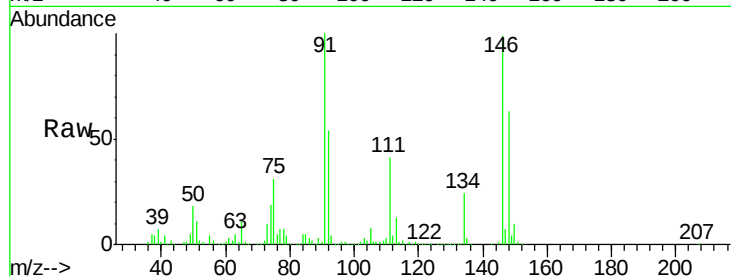
Tot Ion:146 Resp: 568294

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.8

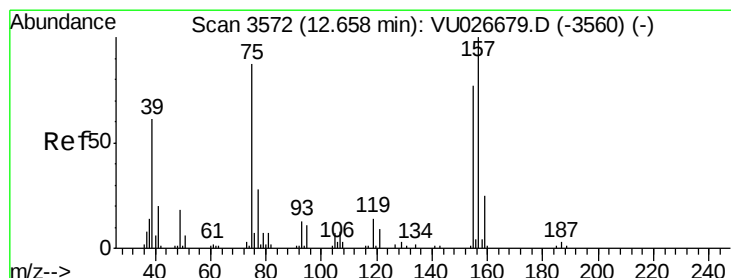
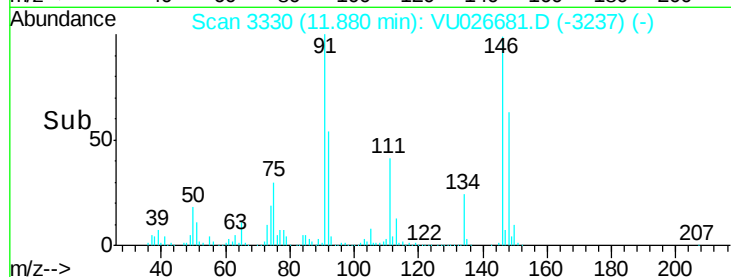
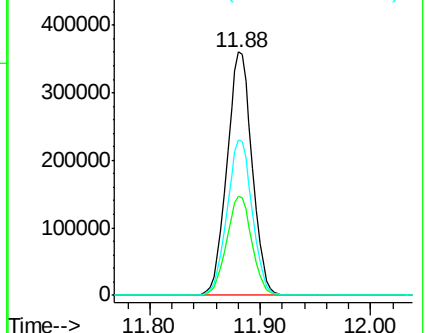
148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 158.47 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

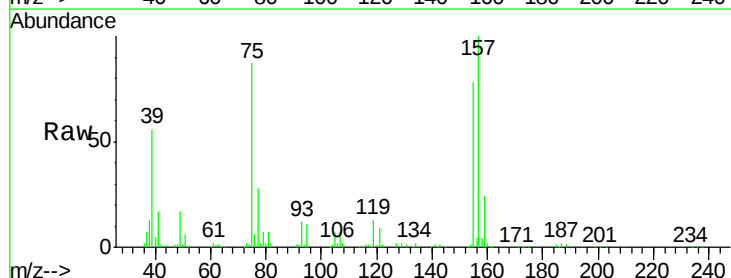
Tgt Ion: 75 Resp: 97426

Ion Ratio Lower Upper

75 100

155 88.9 44.1 132.4

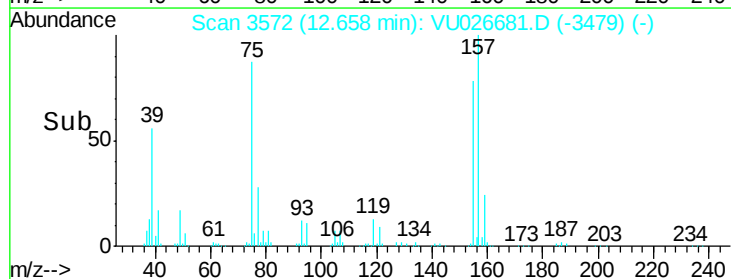
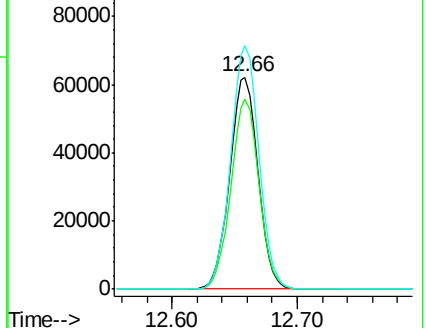
157 114.5 57.2 171.6

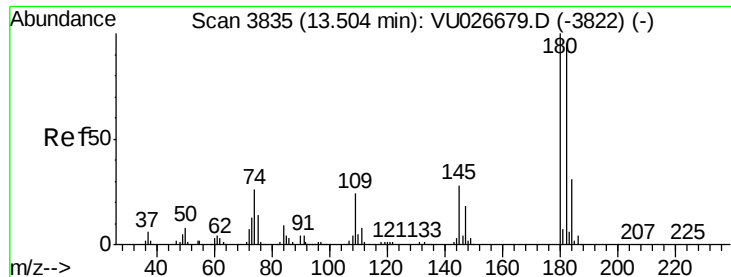


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

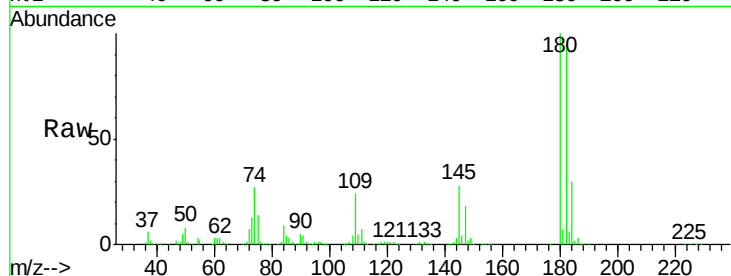




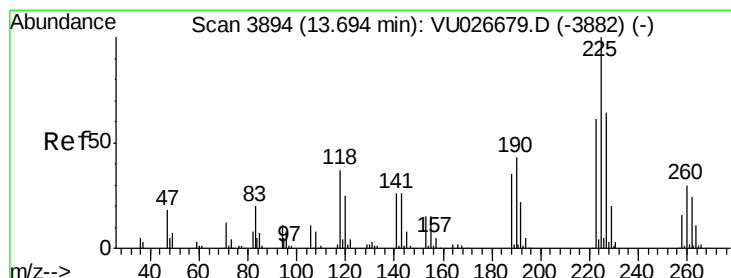
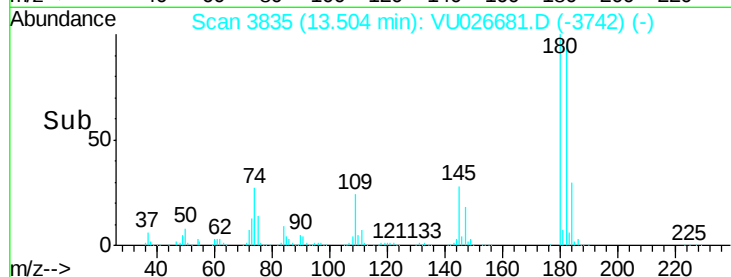
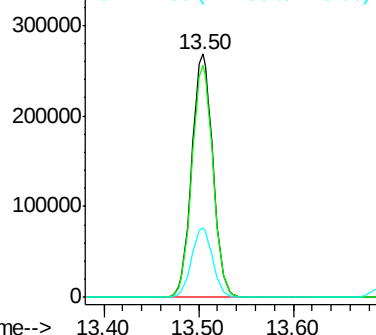
#93
 1,2,4-Trichlorobenzene
 Concen: 162.57 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 414299
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.7
 145 28.5 14.0 42.0

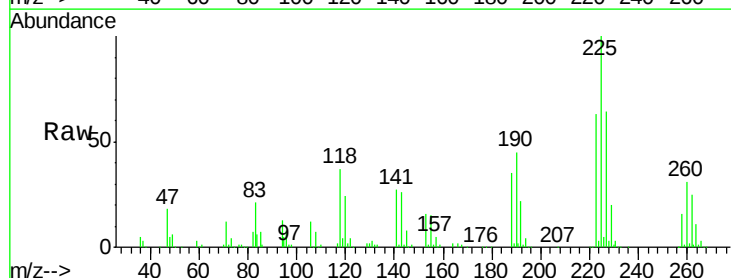


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

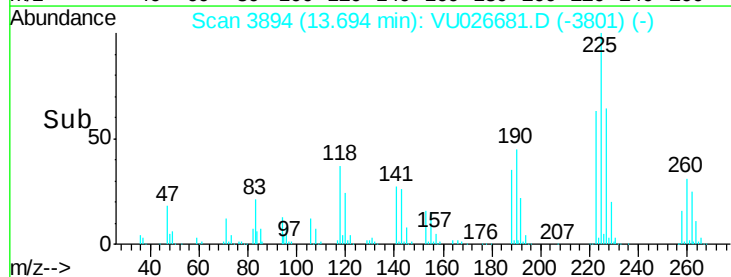
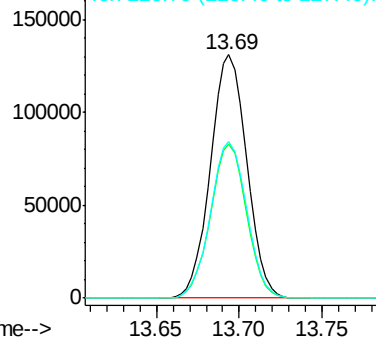


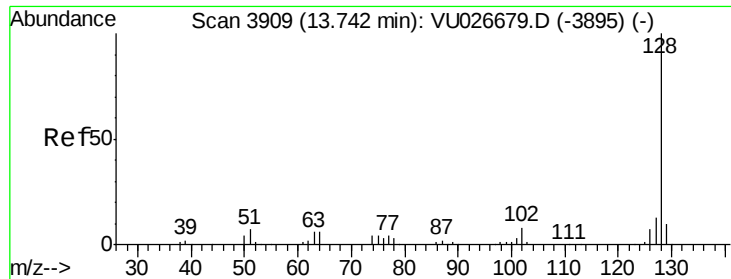
#94
 Hexachlorobutadiene
 Concen: 152.74 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026681.D
 Acq: 11 Sep 2018 12:30

Tgt Ion:225 Resp: 200240
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.6 92.0
 227 64.2 32.1 96.3



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

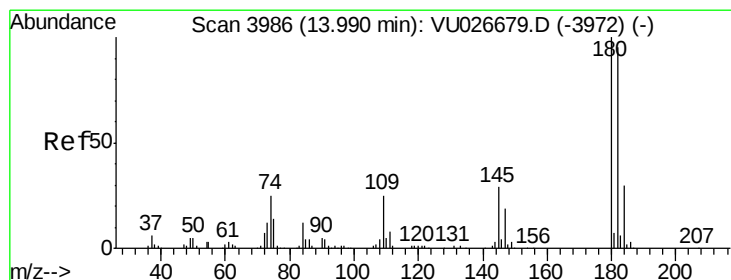
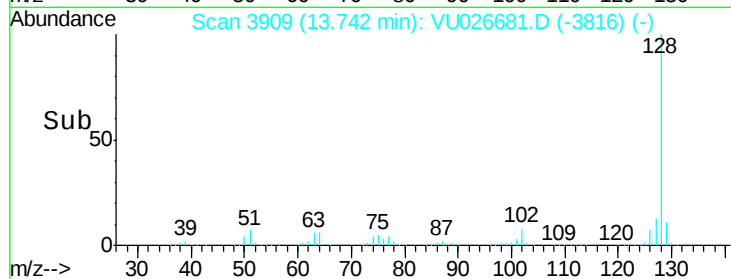
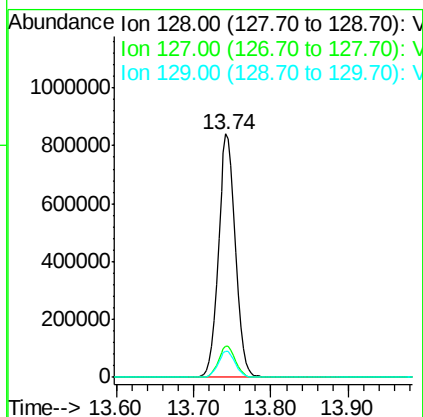
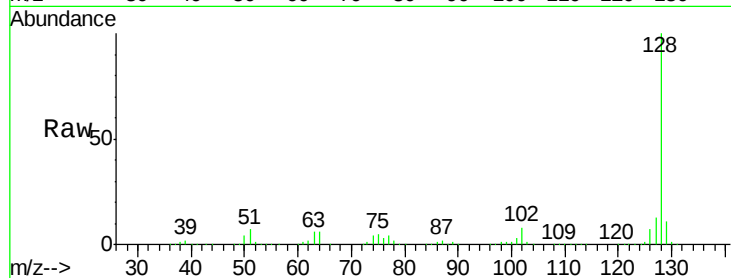




#95
Naphthalene
Concen: 167.98 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 1296725
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 157.10 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026681.D
Acq: 11 Sep 2018 12:30

Tgt Ion:180 Resp: 418123
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.7
145 30.2 14.9 44.9

