

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
 Data File : VU026972.D
 Acq On : 21 Sep 2018 17:04
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092218

Quant Time: Sep 22 01:34:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	97197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	162980	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	87547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	88437	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
35) Dibromofluoromethane	4.88	113	64917	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	7.57	98	255141	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	10.31	95	90985	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	59266	46.702	ug/l	98
3) Chloromethane	1.33	50	96821	44.252	ug/l	100
4) Vinyl Chloride	1.40	62	93212	45.640	ug/l	99
5) Bromomethane	1.61	94	48474	41.679	ug/l	98
6) Chloroethane	1.69	64	59255	45.408	ug/l	98
7) Trichlorofluoromethane	1.88	101	108145	46.622	ug/l	98
8) Diethyl Ether	2.11	74	52640	47.147	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	66417	46.567	ug/l	99
10) Methyl Iodide	2.41	142	87978	49.736	ug/l	98
11) Tert butyl alcohol	2.83	59	106986	238.602	ug/l	100
12) 1,1-Dichloroethene	2.28	96	63488	47.293	ug/l	96
13) Acrolein	2.20	56	56996	235.803	ug/l	99
14) Allyl chloride	2.59	41	134953	49.565	ug/l	98
15) Acrylonitrile	2.94	53	264220	233.801	ug/l	99
16) Acetone	2.32	43	255109	245.180	ug/l	100
17) Carbon Disulfide	2.48	76	207711	47.496	ug/l	100
18) Methyl Acetate	2.61	43	126886	45.571	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	244876	49.639	ug/l	99
20) Methylene Chloride	2.70	84	78268	44.674	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	69643	48.590	ug/l	97
22) Diisopropyl ether	3.57	45	293188	50.343	ug/l	99
23) Vinyl Acetate	3.52	43	1254783	252.760	ug/l	100
24) 1,1-Dichloroethane	3.45	63	152277	47.475	ug/l	99
25) 2-Butanone	4.26	43	377171	229.422	ug/l	100
26) 2,2-Dichloropropane	4.23	77	119835	47.906	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	80046	49.453	ug/l	99
28) Bromochloromethane	4.55	49	79468	51.397	ug/l	99
29) Tetrahydrofuran	4.64	42	238998	240.316	ug/l	100
30) Chloroform	4.67	83	138038	46.363	ug/l	99
31) Cyclohexane	5.00	56	142161	48.743	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	113655	47.811	ug/l	98
36) 1,1-Dichloropropene	5.14	75	106214	48.830	ug/l	99
37) Ethyl Acetate	4.38	43	134137	45.554	ug/l	99
38) Carbon Tetrachloride	5.13	117	98015	47.351	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	127306	53.857	ug/l	98
40) Benzene	5.39	78	317172	47.966	ug/l	99
41) Methacrylonitrile	4.54	41	76826	50.237	ug/l	99
42) 1,2-Dichloroethane	5.40	62	117609	47.076	ug/l	99
43) Isopropyl Acetate	5.55	43	210893	49.110	ug/l	100
44) Trichloroethene	6.19	130	70045	49.758	ug/l	100
45) 1,2-Dichloropropane	6.43	63	90535	48.052	ug/l	97
46) Dibromomethane	6.56	93	53365	46.898	ug/l	100
47) Bromodichloromethane	6.76	83	108305	47.071	ug/l	100
48) Methyl methacrylate	6.62	41	106805	45.783	ug/l	97
49) 1,4-Dioxane	6.61	88	47812	1030.082	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	705142	244.147	ug/l	99
52) Toluene	7.64	92	188062	49.617	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	128906	52.144	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	136244	50.123	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	76840	47.845	ug/l	99
56) Ethyl methacrylate	8.02	69	130342	46.916	ug/l	98
57) 1,3-Dichloropropane	8.24	76	145759	48.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	375440	237.647	ug/l	100
59) 2-Hexanone	8.36	43	541986	239.731	ug/l	99
60) Dibromochloromethane	8.48	129	76339	48.459	ug/l	98
61) 1,2-Dibromoethane	8.59	107	81528	48.790	ug/l	99
64) Tetrachloroethene	8.23	164	59054	49.100	ug/l	98
65) Chlorobenzene	9.12	112	199717	48.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	69746	48.929	ug/l	99
67) Ethyl Benzene	9.25	91	360419	52.961	ug/l	100
68) m/p-Xylenes	9.38	106	272682	98.955	ug/l	99
69) o-Xylene	9.78	106	129325	53.635	ug/l	100
70) Styrene	9.79	104	215456	47.934	ug/l	99
71) Bromoform	9.96	173	55117	50.001	ug/l #	100
73) Isopropylbenzene	10.17	105	352756	52.970	ug/l	100
74) N-amyl acetate	10.02	43	196501	50.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	134046	43.779	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	162703	61.175	ug/l	80
77) Bromobenzene	10.45	156	80391	49.399	ug/l	100
78) n-propylbenzene	10.59	91	431191	54.721	ug/l	100
79) 2-Chlorotoluene	10.66	91	250424	50.595	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	295598	53.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	162703	195.769	ug/l #	100
82) 4-Chlorotoluene	10.77	91	289614	52.184	ug/l	100
83) tert-Butylbenzene	11.10	119	279926	51.504	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	301111	53.822	ug/l	99
85) sec-Butylbenzene	11.32	105	360839	54.388	ug/l	100
86) p-Isopropyltoluene	11.48	119	310944	49.949	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	149883	49.493	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	154187	46.715	ug/l	100
89) n-Butylbenzene	11.89	91	297251	49.292	ug/l	100
90) Hexachloroethane	12.15	117	56753	47.041	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	149338	46.423	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	29132	46.638	ug/l	98

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QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

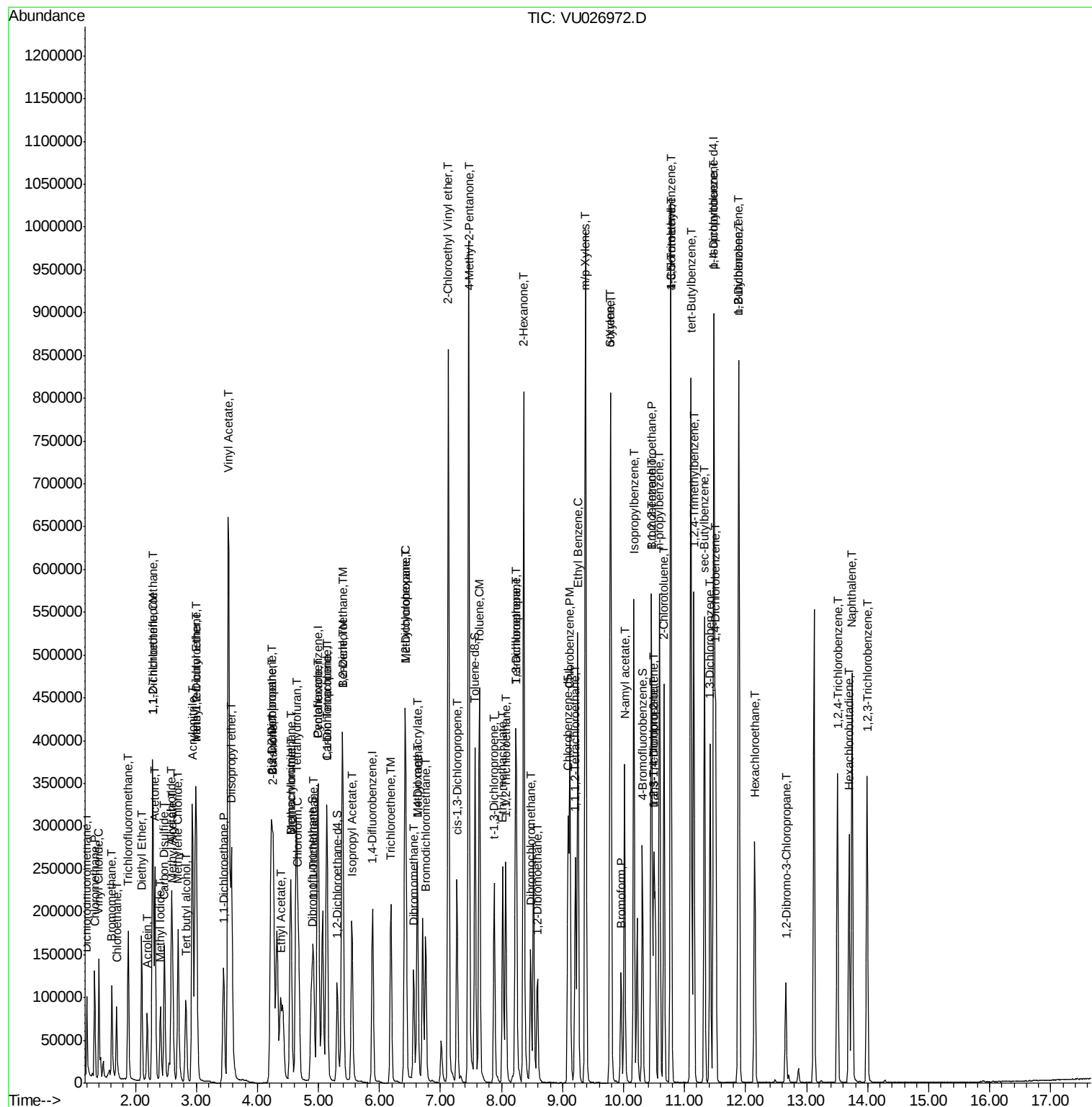
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	103669	55.923	ug/l	99
94) Hexachlorobutadiene	13.69	225	49634	50.602	ug/l	99
95) Naphthalene	13.75	128	355419	49.069	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	107843	54.247	ug/l	100

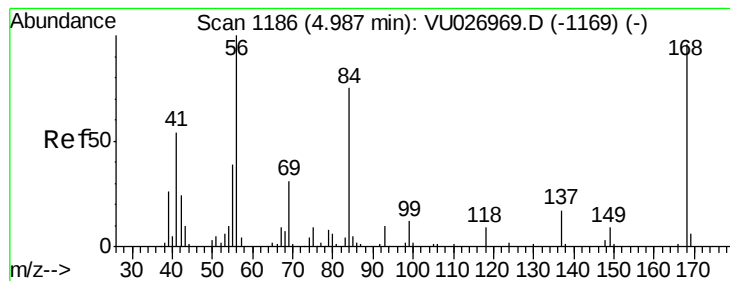
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

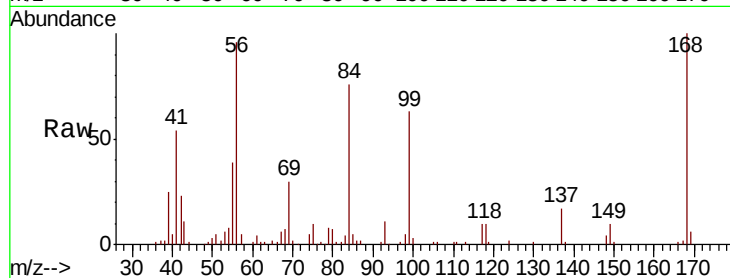
ICVVU092218

Tgt Ion:168 Resp: 97197

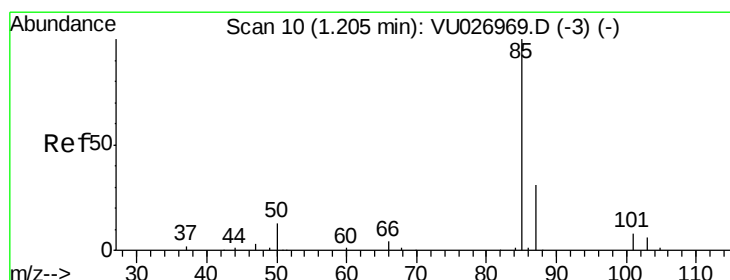
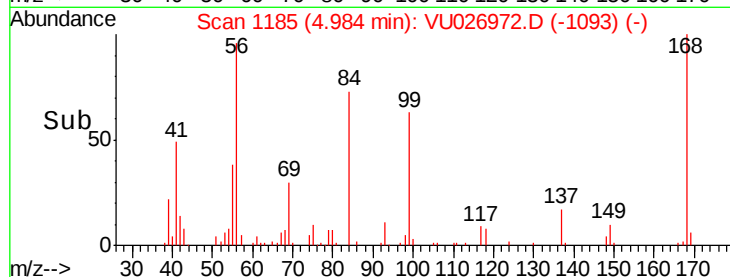
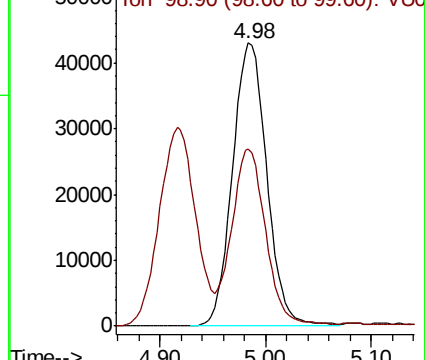
Ion Ratio Lower Upper

168 100

99 62.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 46.702 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU026972.D

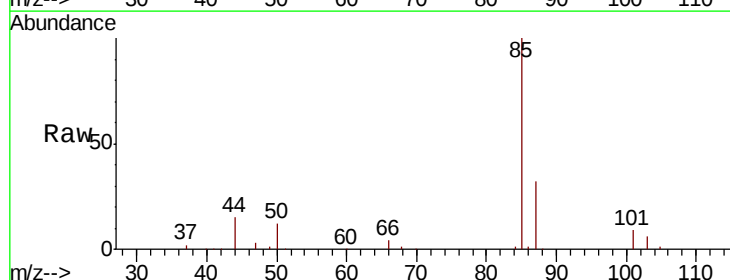
Acq: 21 Sep 2018 17:04

Tgt Ion: 85 Resp: 59266

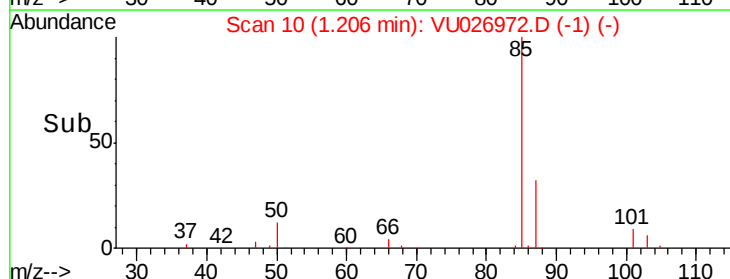
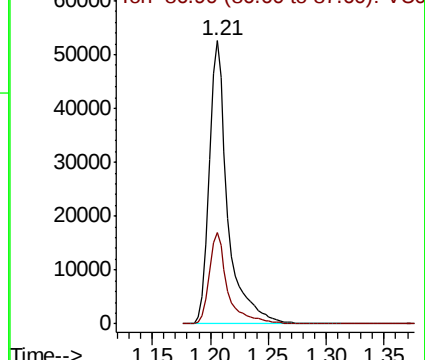
Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)





#3

Chloromethane

Concen: 44.252 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

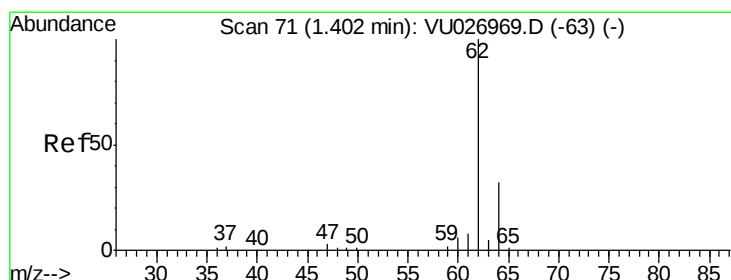
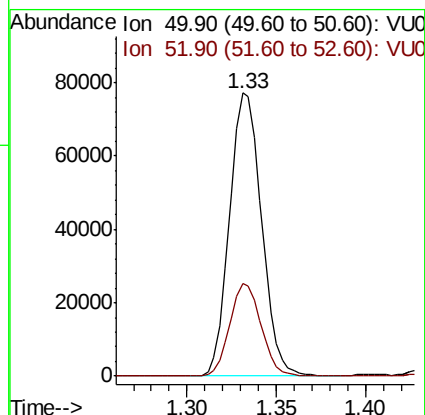
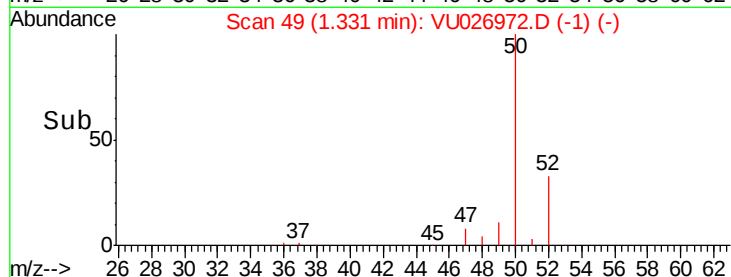
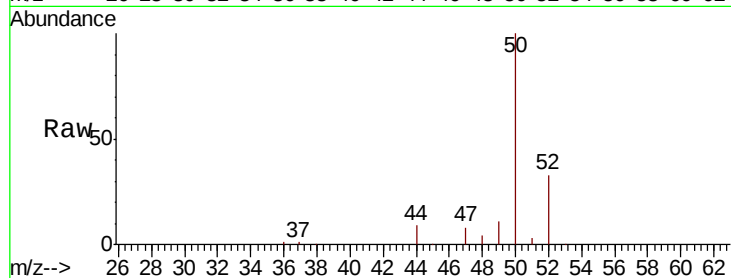
ICVVU092218

Tgt Ion: 50 Resp: 96821

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



#4

Vinyl Chloride

Concen: 45.640 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU026972.D

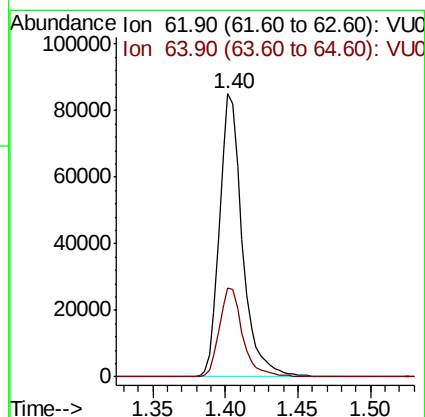
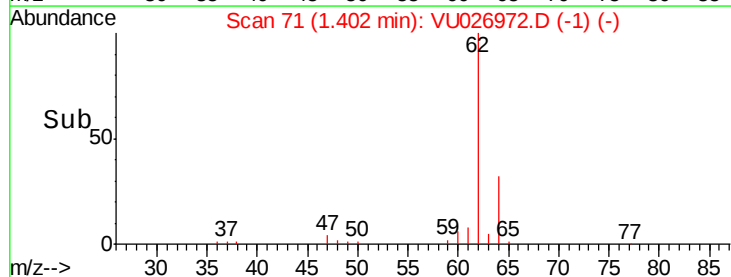
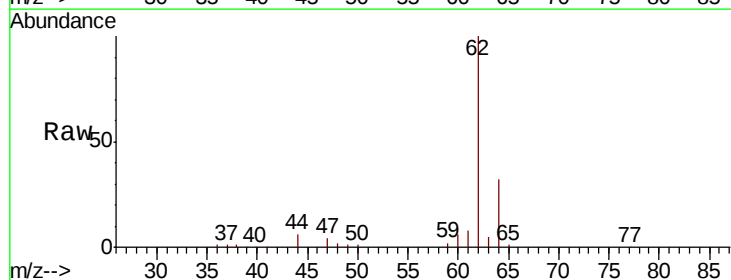
Acq: 21 Sep 2018 17:04

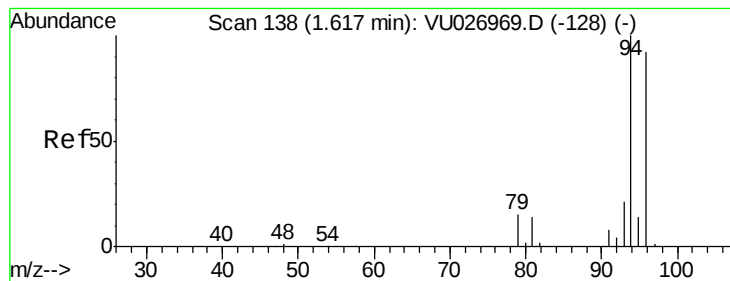
Tgt Ion: 62 Resp: 93212

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 41.679 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

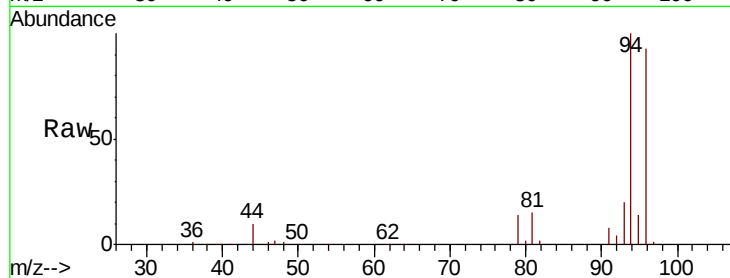
ICVVU092218

Tgt Ion: 94 Resp: 48474

Ion Ratio Lower Upper

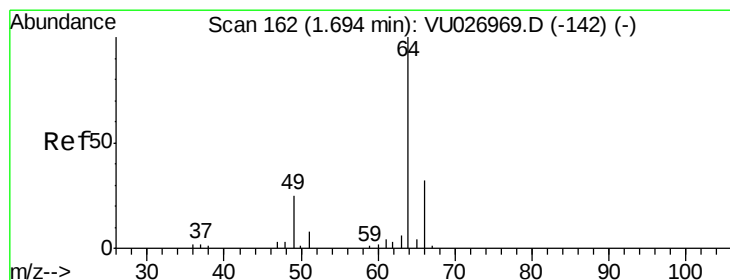
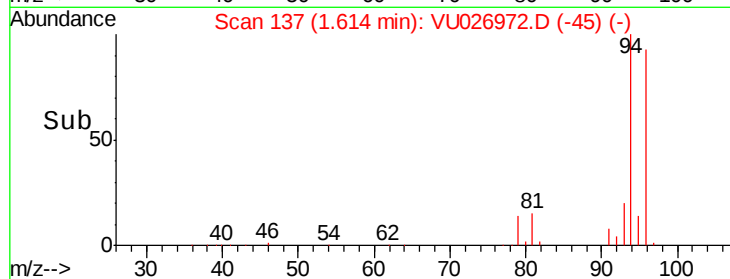
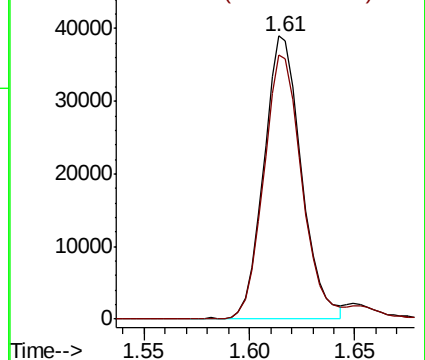
94 100

96 93.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 45.408 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU026972.D

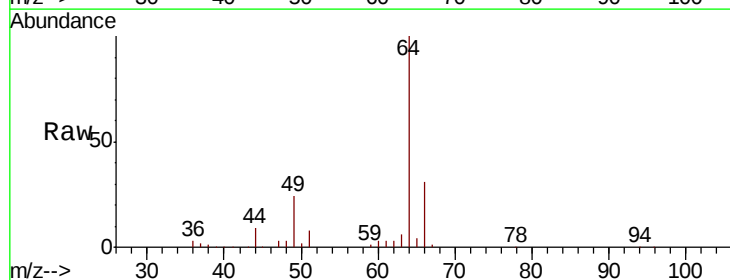
Acq: 21 Sep 2018 17:04

Tgt Ion: 64 Resp: 59255

Ion Ratio Lower Upper

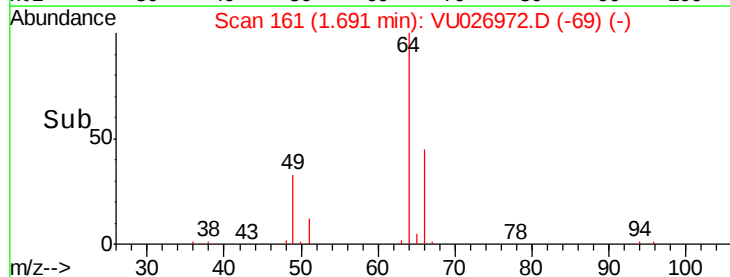
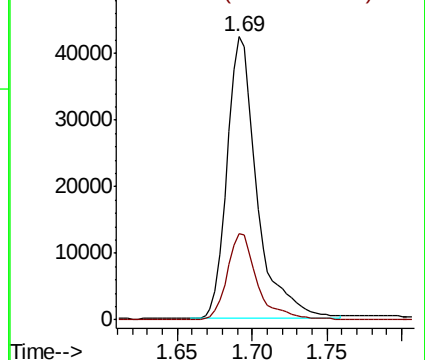
64 100

66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



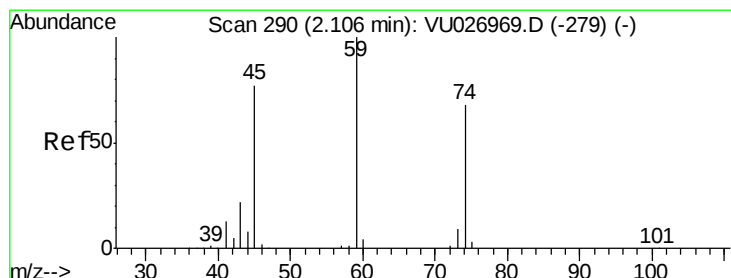
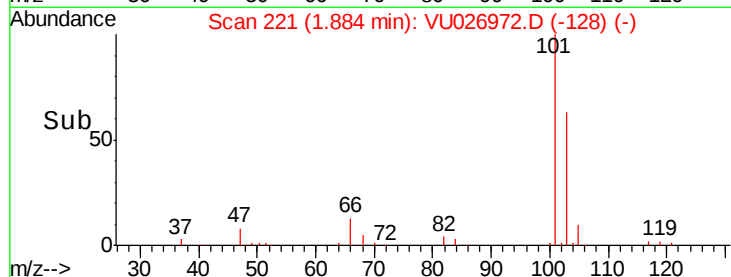
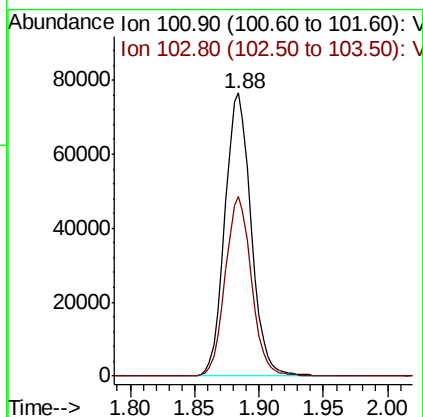
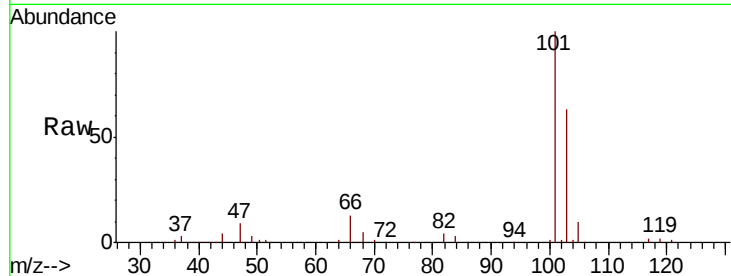


#7

Trichlorofluoromethane
 Concen: 46.622 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU026972.D
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 ICVVU092218

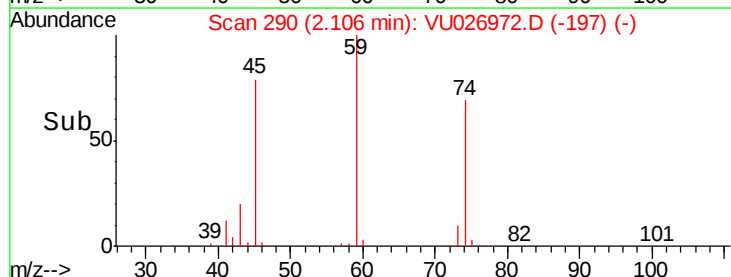
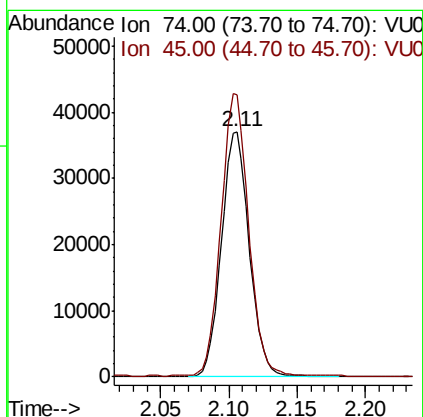
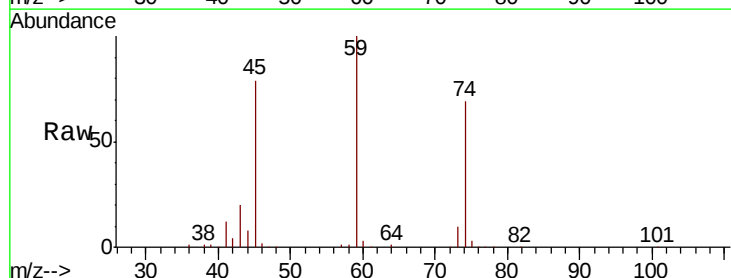
Tgt Ion: 101 Resp: 108145
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.2 78.2



#8

Diethyl Ether
 Concen: 47.147 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Tgt Ion: 74 Resp: 52640
 Ion Ratio Lower Upper
 74 100
 45 113.4 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.567 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092218

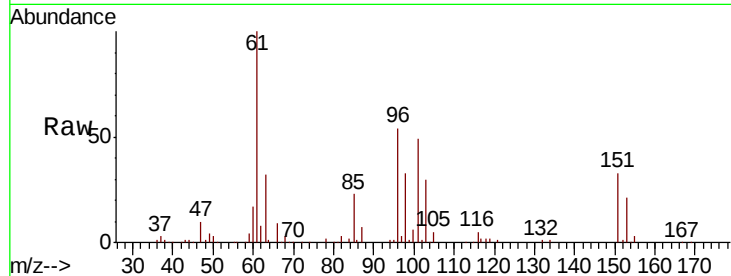
Tgt Ion:101 Resp: 66417

Ion Ratio Lower Upper

101 100

85 46.0 36.2 54.2

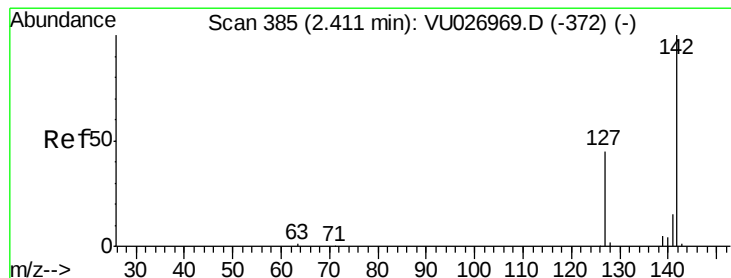
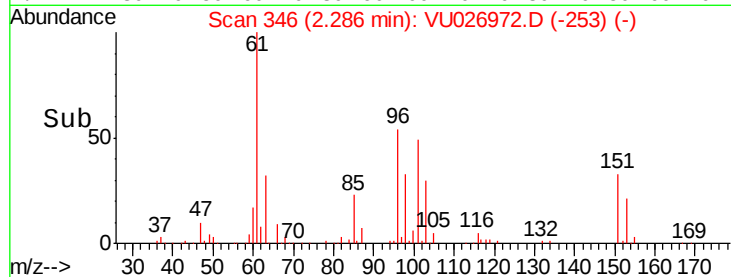
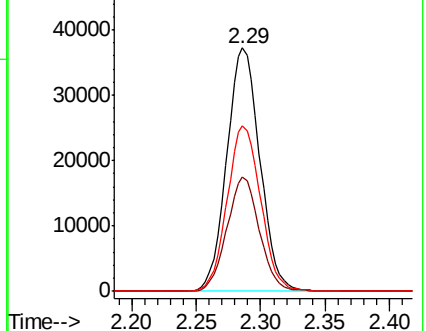
151 68.7 54.5 81.7



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: 49.736 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

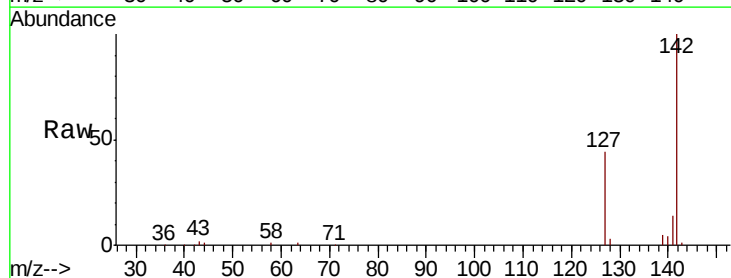
Tgt Ion:142 Resp: 87978

Ion Ratio Lower Upper

142 100

127 44.4 36.7 55.1

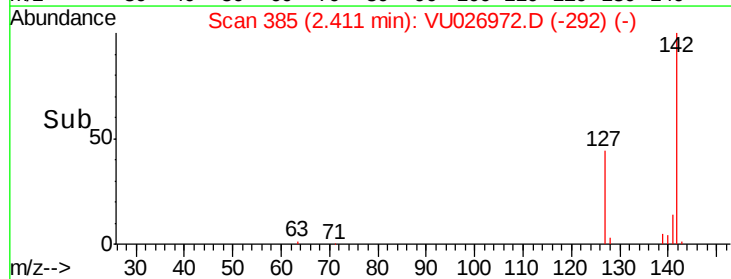
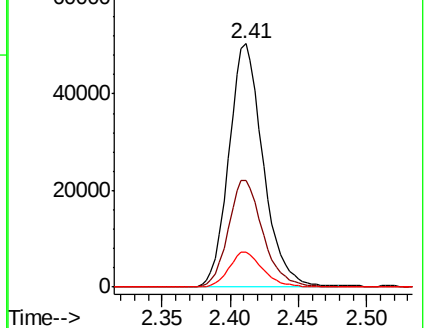
141 14.3 11.8 17.6

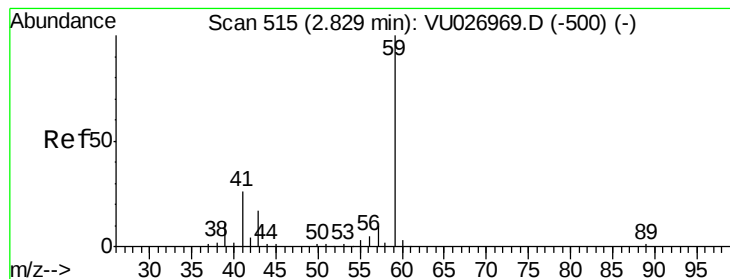


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



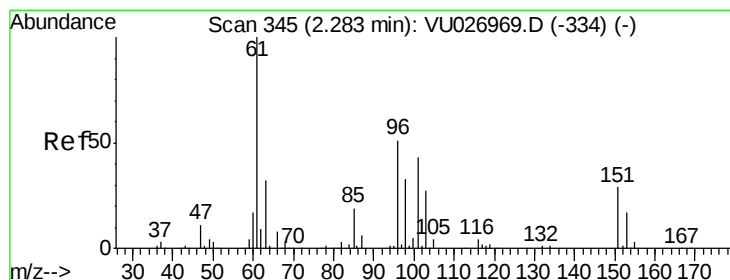
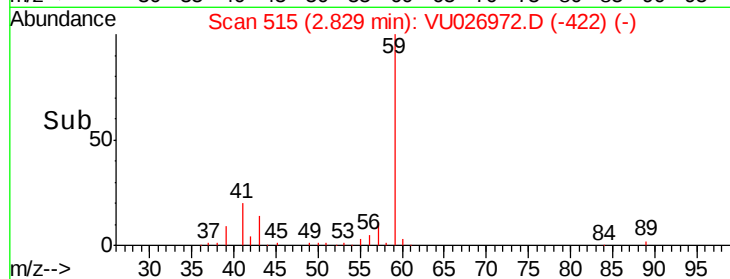
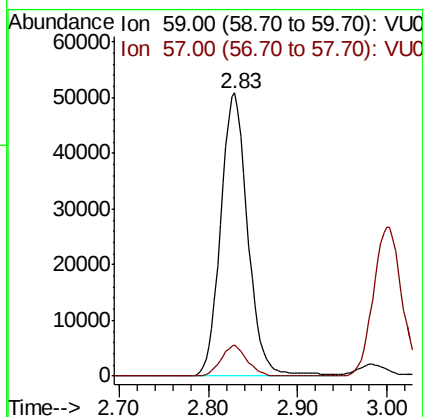
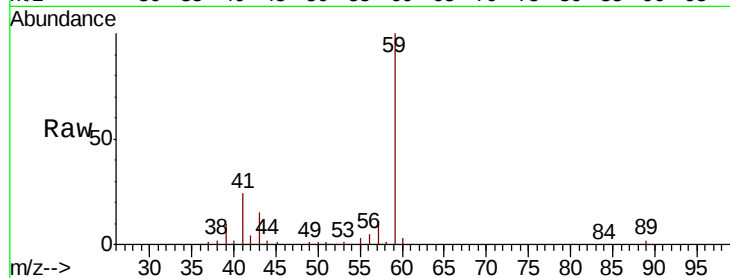


#11

Tert butyl alcohol
 Concen: 238.602 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092218

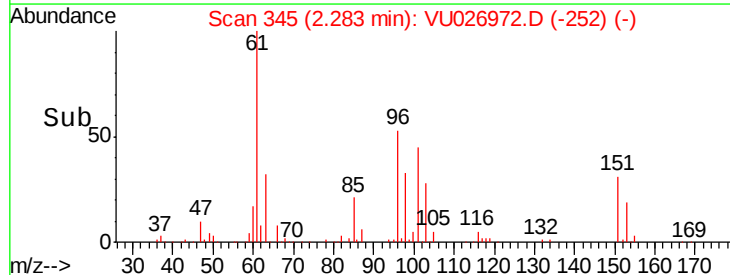
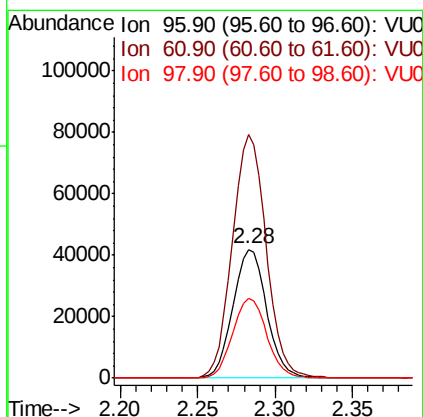
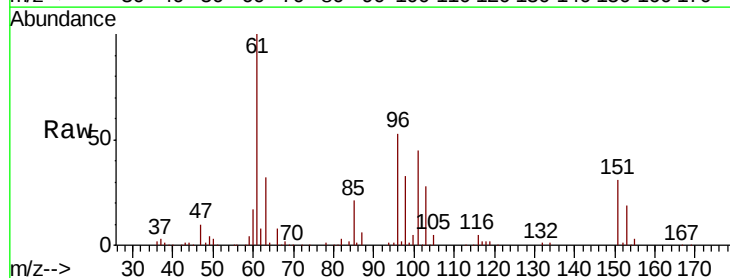
Tgt Ion: 59 Resp: 106986
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

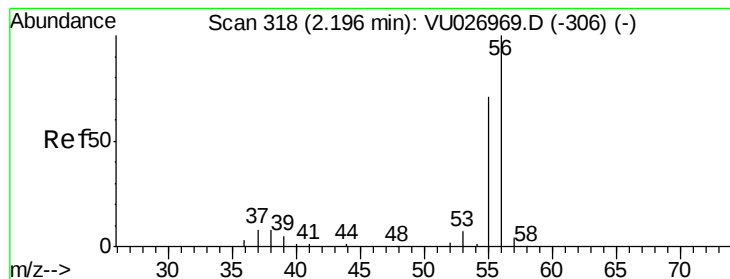


#12

1,1-Dichloroethene
 Concen: 47.293 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Tgt Ion: 96 Resp: 63488
 Ion Ratio Lower Upper
 96 100
 61 188.9 156.1 234.1
 98 61.6 51.4 77.0





#13

Acrolein

Concen: 235.803 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

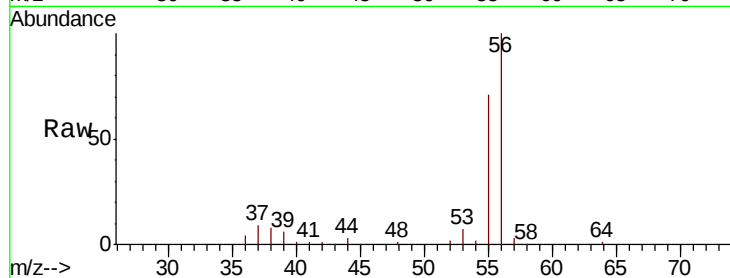
ICVVU092218

Tgt Ion: 56 Resp: 56996

Ion Ratio Lower Upper

56 100

55 70.9 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.20

40000

30000

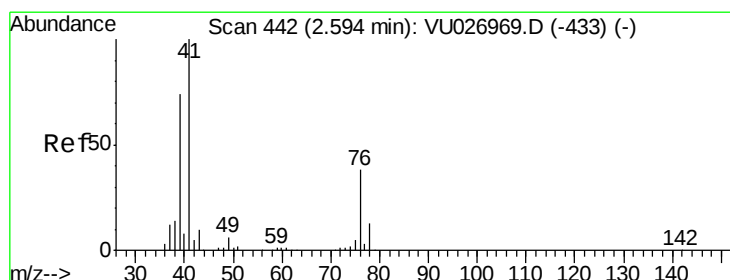
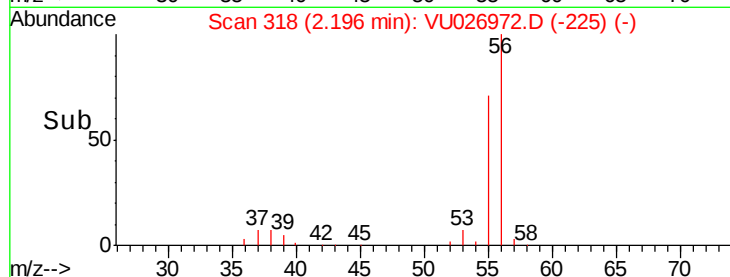
20000

10000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 49.565 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

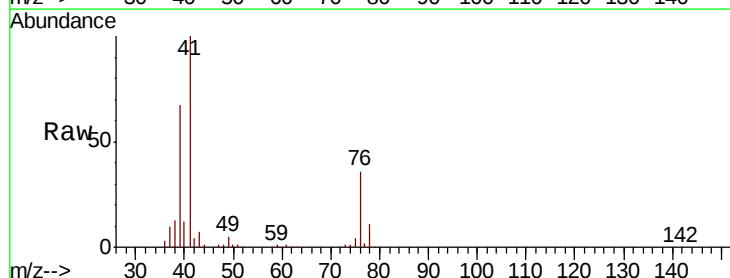
Tgt Ion: 41 Resp: 134953

Ion Ratio Lower Upper

41 100

39 67.4 55.7 83.5

76 34.0 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.59

100000

80000

60000

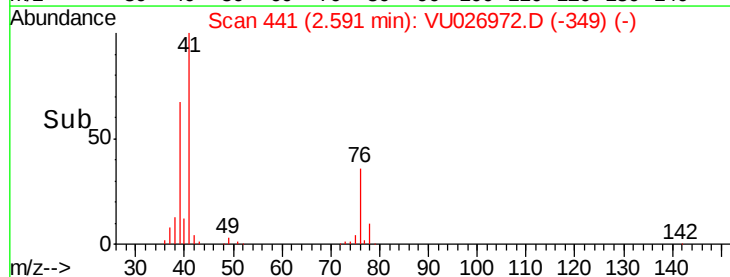
40000

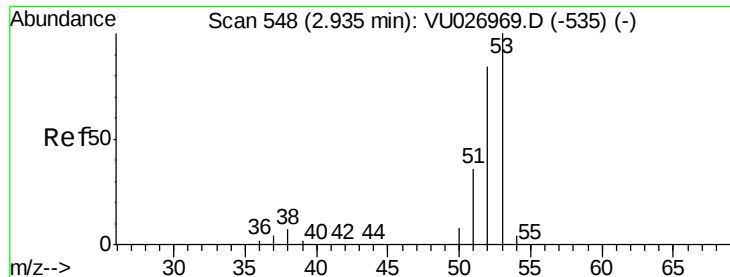
20000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 233.801 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092218

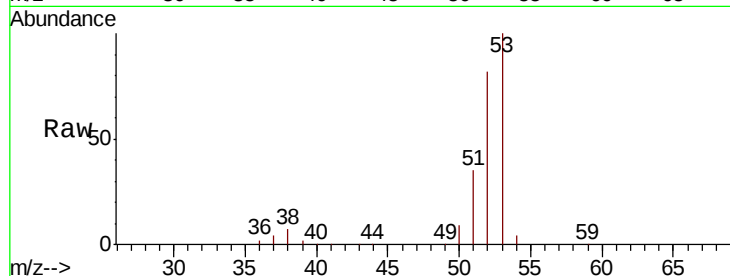
Tgt Ion: 53 Resp: 264220

Ion Ratio Lower Upper

53 100

52 82.0 65.7 98.5

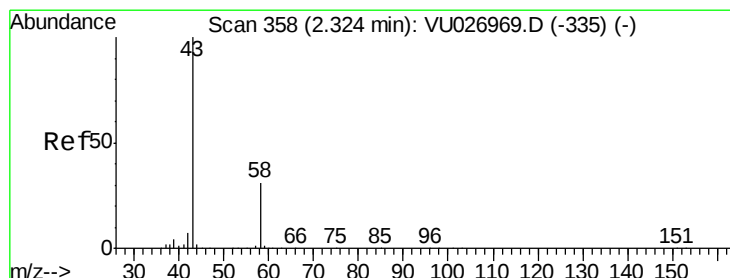
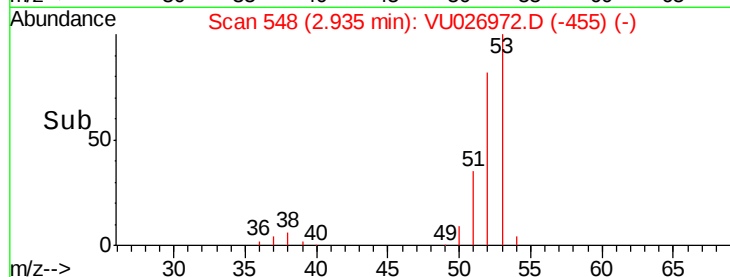
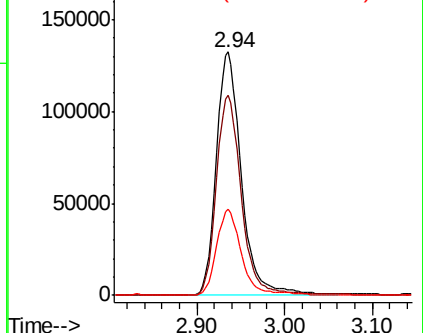
51 35.6 27.4 41.2



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: 245.180 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026972.D

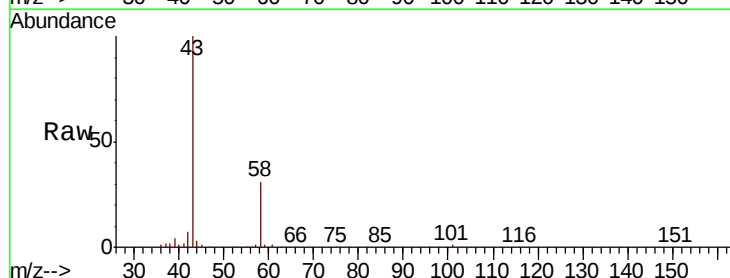
Acq: 21 Sep 2018 17:04

Tgt Ion: 43 Resp: 255109

Ion Ratio Lower Upper

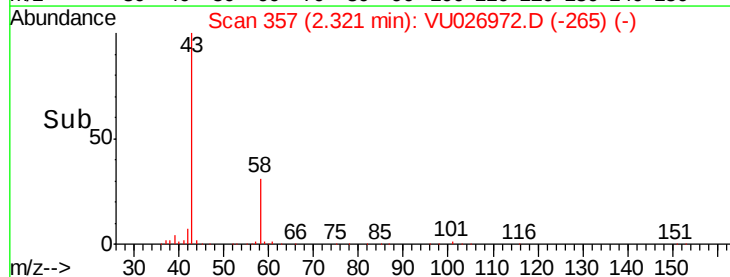
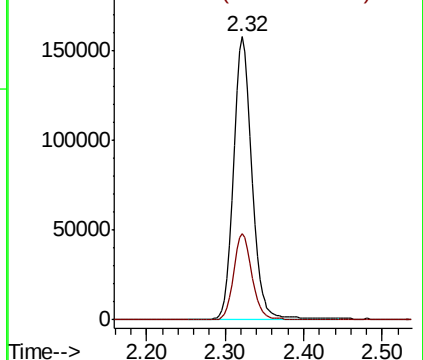
43 100

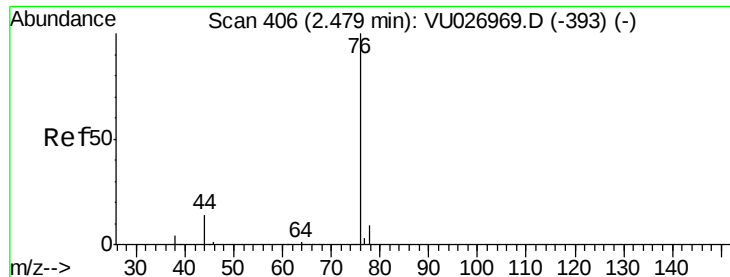
58 30.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

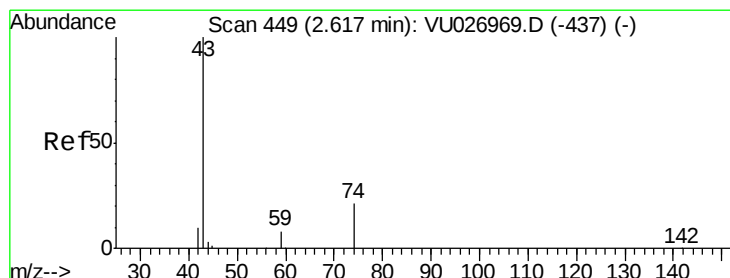
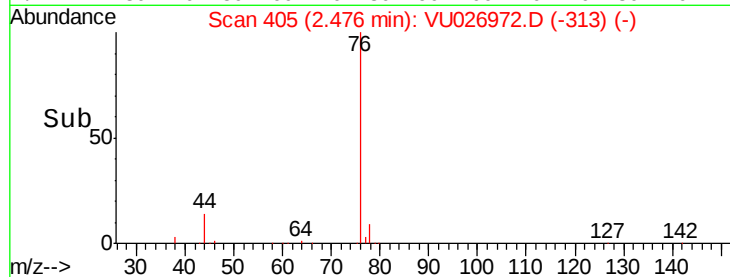
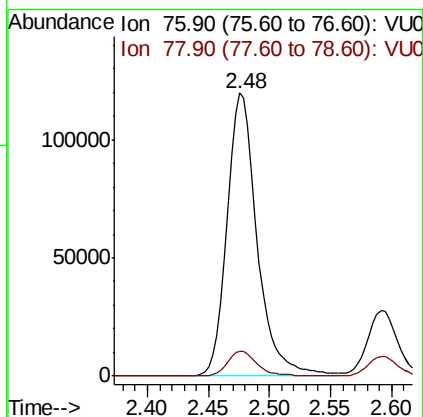
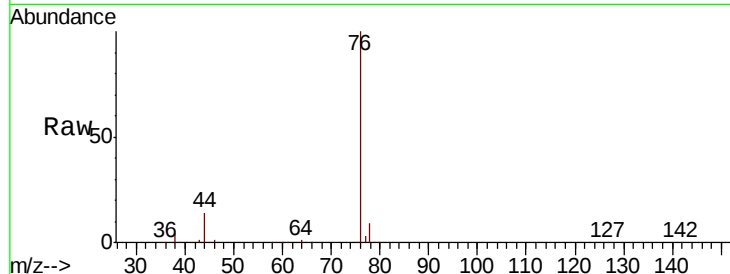




#17
Carbon Disulfide
Concen: 47.496 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

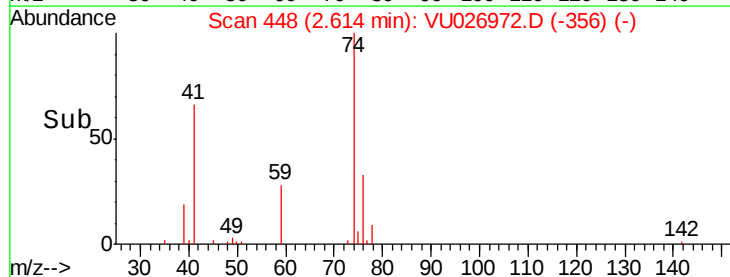
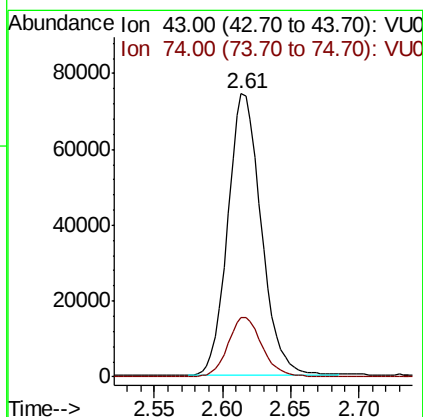
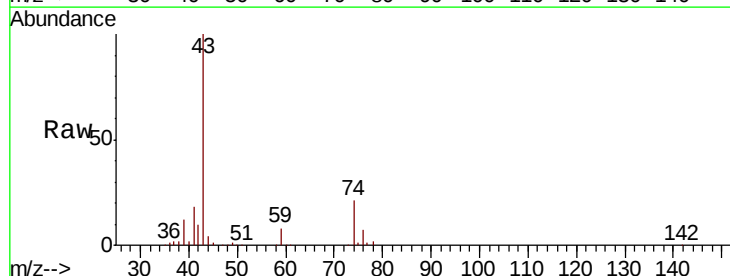
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

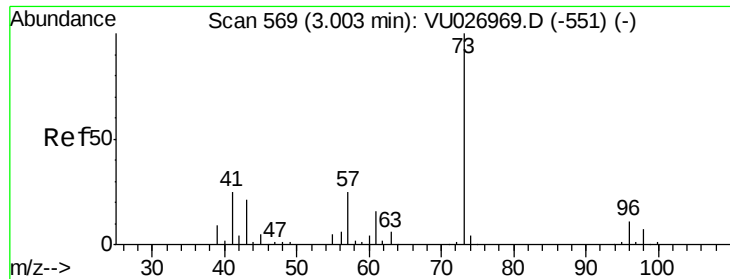
Tgt Ion: 76 Resp: 207711
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 45.571 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 43 Resp: 126886
Ion Ratio Lower Upper
43 100
74 21.6 16.6 25.0

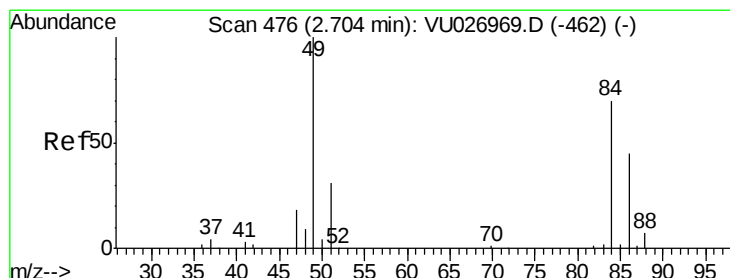
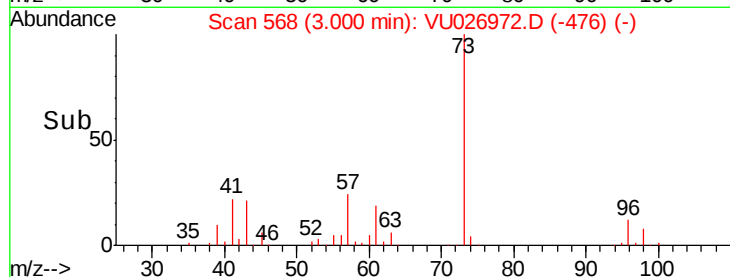
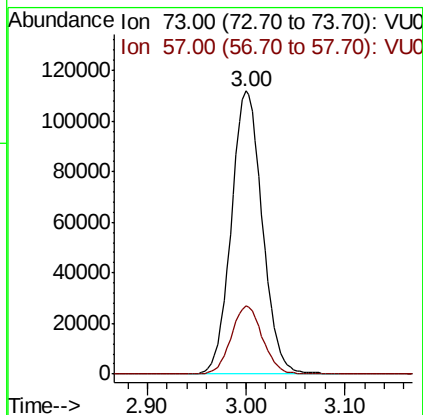
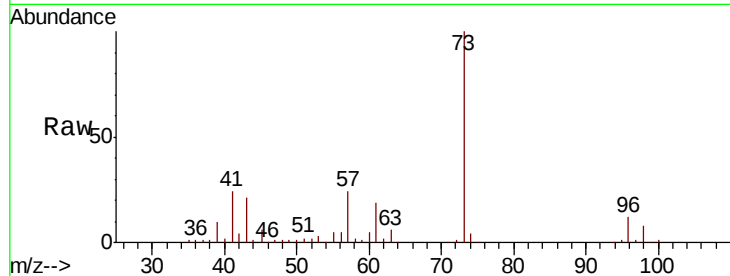




#19
Methyl tert-butyl Ether
Concen: 49.639 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

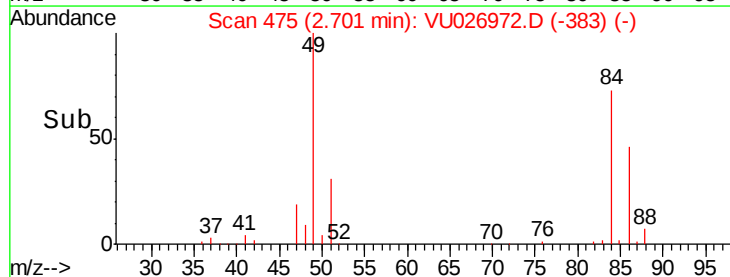
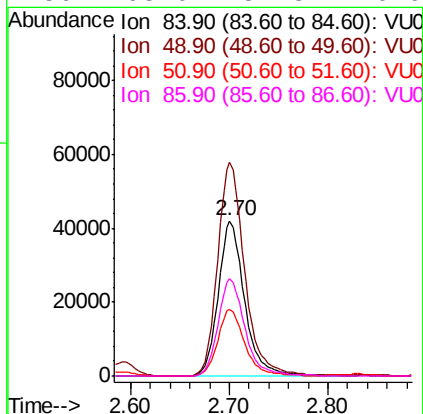
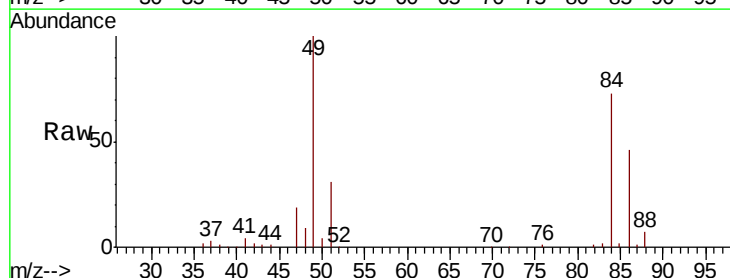
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

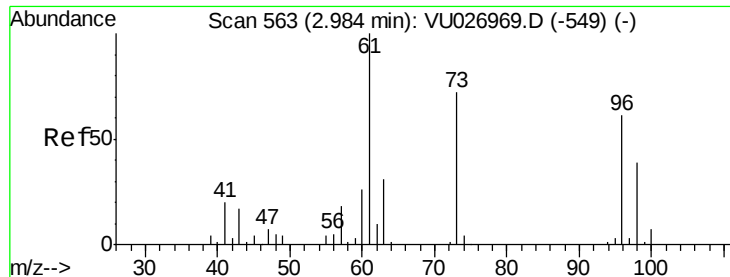
Tgt Ion: 73 Resp: 244876
Ion Ratio Lower Upper
73 100
57 24.0 19.8 29.6



#20
Methylene Chloride
Concen: 44.674 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 84 Resp: 78268
Ion Ratio Lower Upper
84 100
49 137.8 114.9 172.3
51 43.2 35.8 53.8
86 63.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.590 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092218

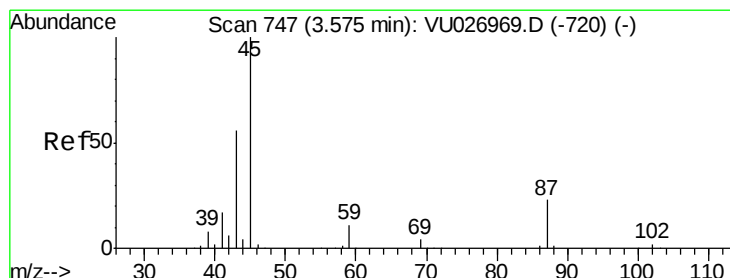
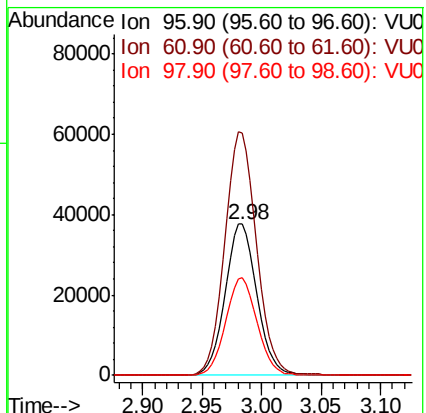
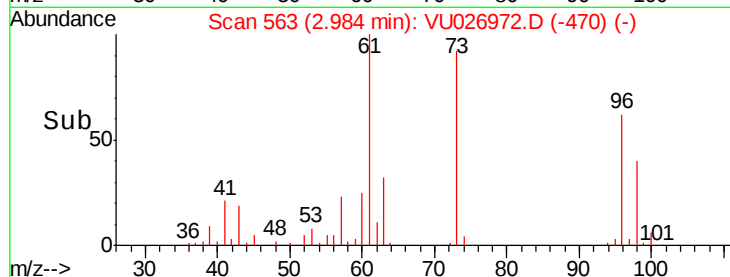
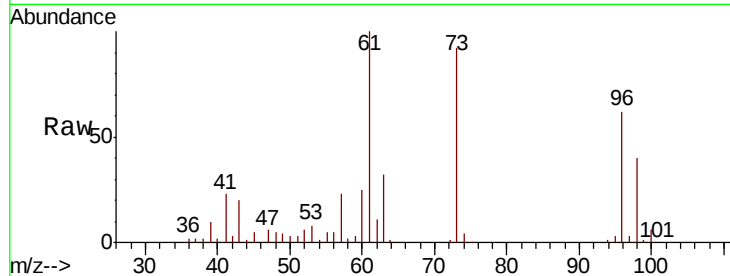
Tgt Ion: 96 Resp: 69643

Ion Ratio Lower Upper

96 100

61 160.2 131.8 197.6

98 64.7 50.9 76.3



#22

Diisopropyl ether

Concen: 50.343 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Tgt Ion: 45 Resp: 293188

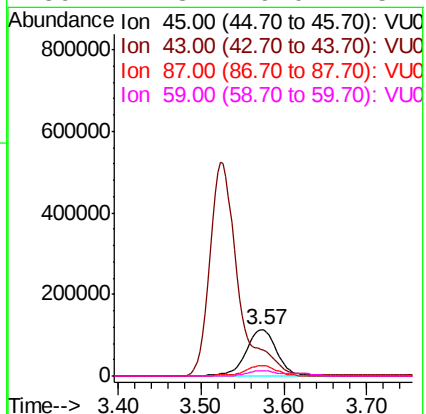
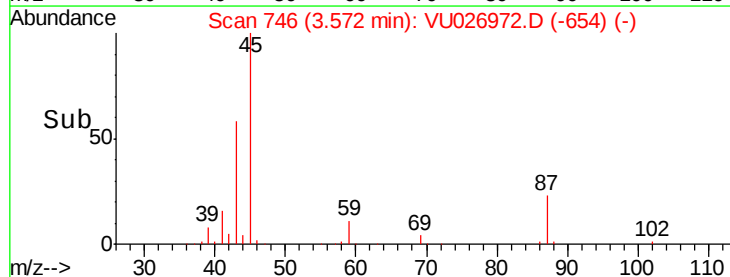
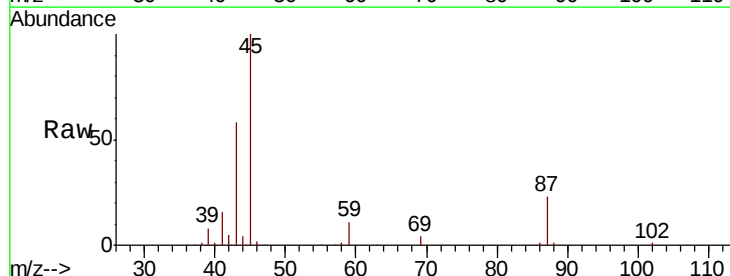
Ion Ratio Lower Upper

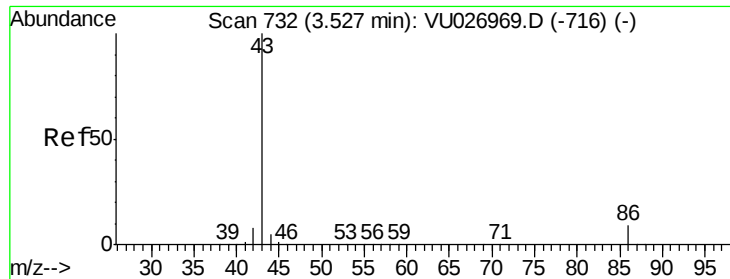
45 100

43 56.4 45.8 68.6

87 23.2 18.6 28.0

59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 252.760 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

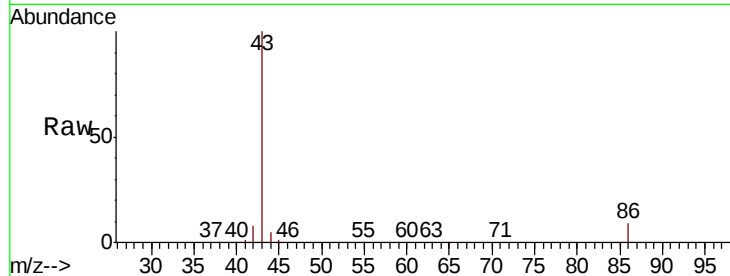
ICVVU092218

Tgt Ion: 43 Resp: 1254783

Ion Ratio Lower Upper

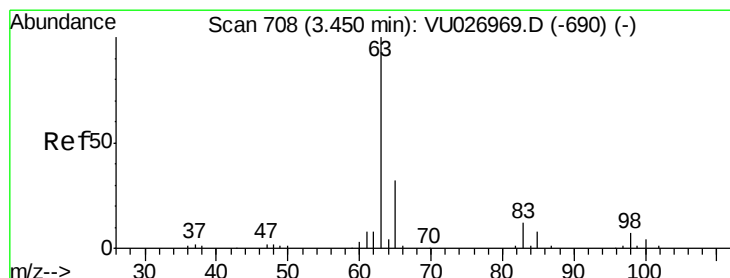
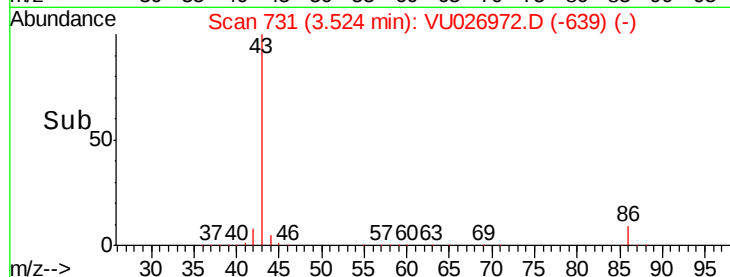
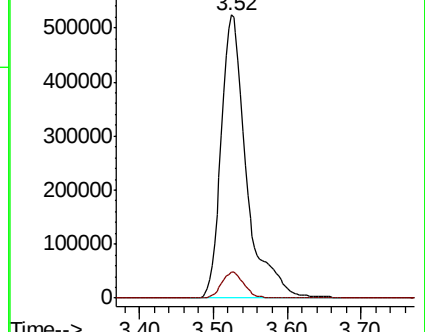
43 100

86 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU026972.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU026972.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 47.475 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

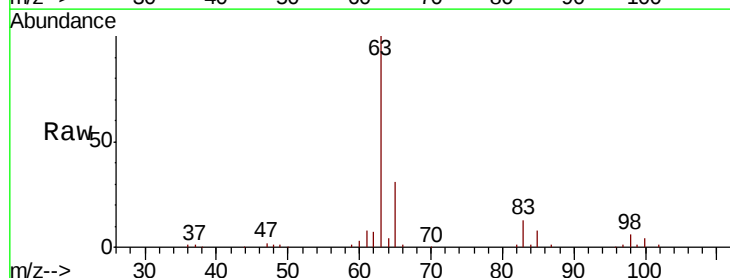
Tgt Ion: 63 Resp: 152277

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

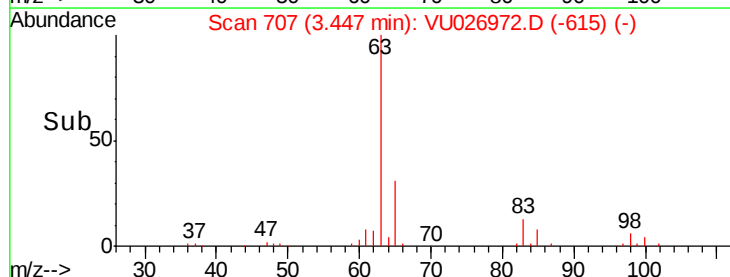
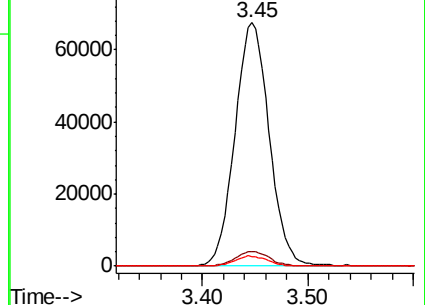
100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU026972.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU026972.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU026972.D (-615) (-)





#25

2-Butanone

Concen: 229.422 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

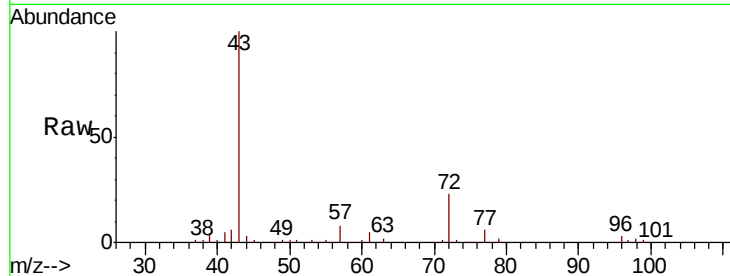
ICVVU092218

Tgt Ion: 43 Resp: 377171

Ion Ratio Lower Upper

43 100

72 23.0 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

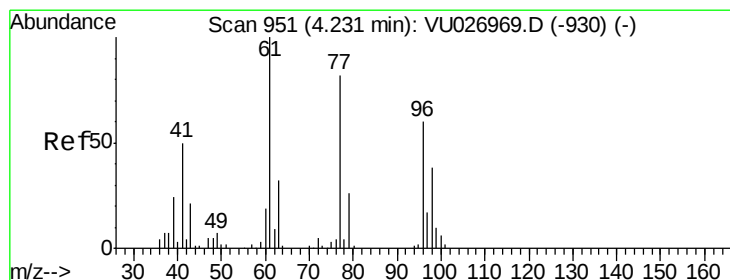
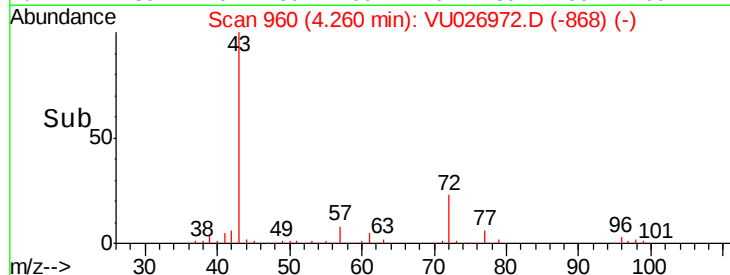
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.906 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU026972.D

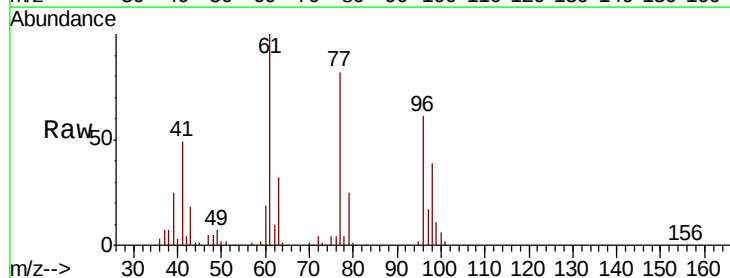
Acq: 21 Sep 2018 17:04

Tgt Ion: 77 Resp: 119835

Ion Ratio Lower Upper

77 100

97 20.9 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

50000

40000

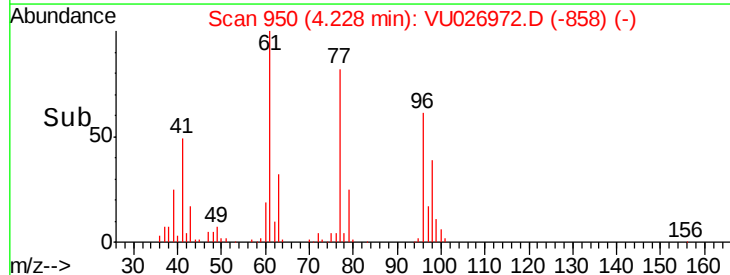
30000

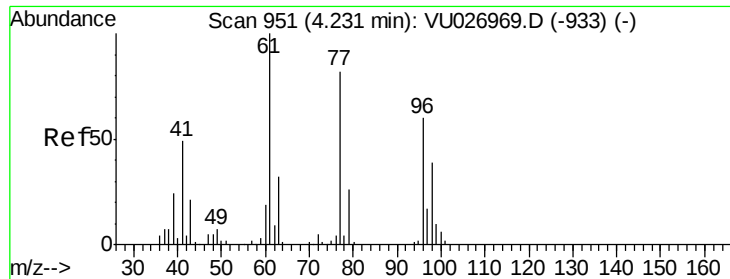
20000

10000

0

Time-->



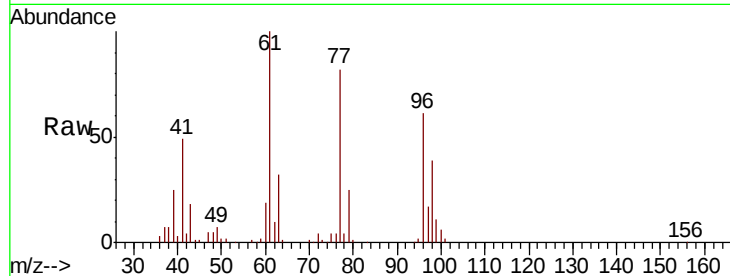


#27

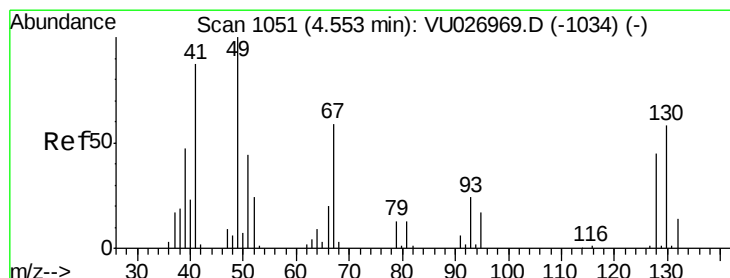
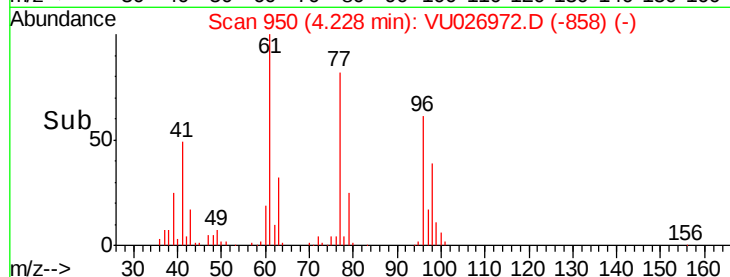
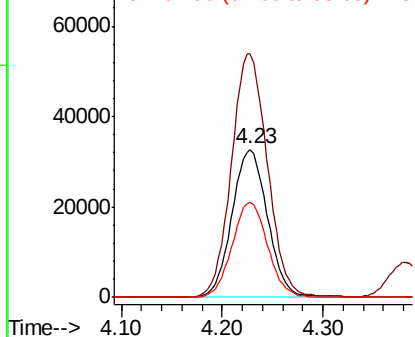
cis-1,2-Dichloroethene
Concen: 49.453 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion: 96 Resp: 80046
Ion Ratio Lower Upper
96 100
61 166.3 0.0 337.2
98 64.2 0.0 127.6



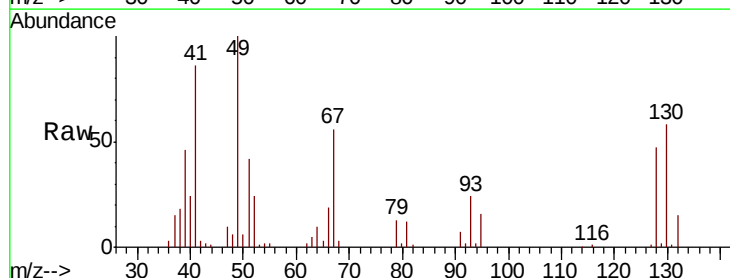
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



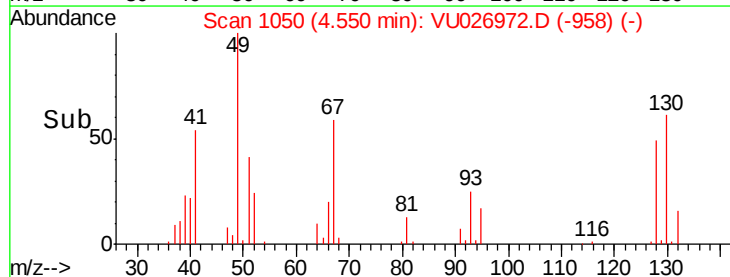
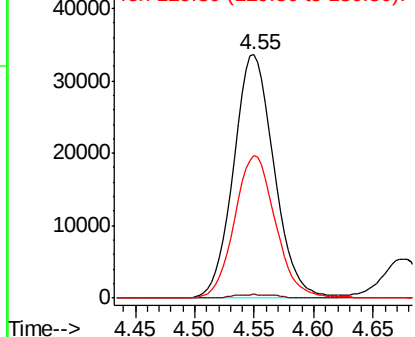
#28

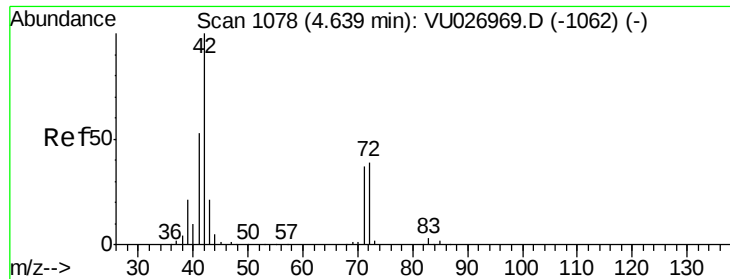
Bromochloromethane
Concen: 51.397 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 49 Resp: 79468
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.0
130 59.0 47.8 71.8



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

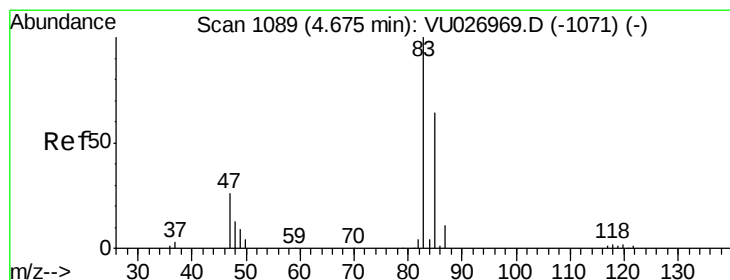
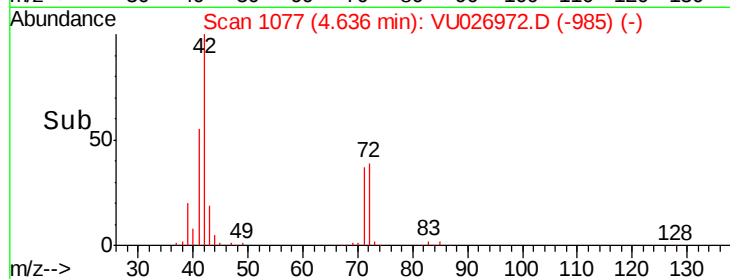
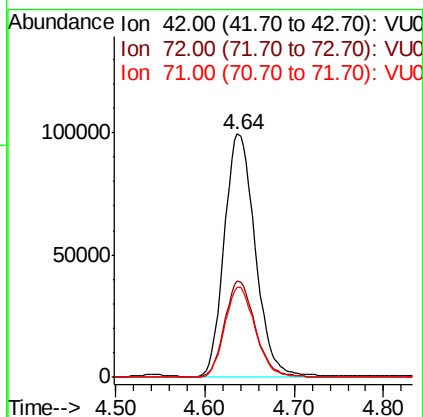
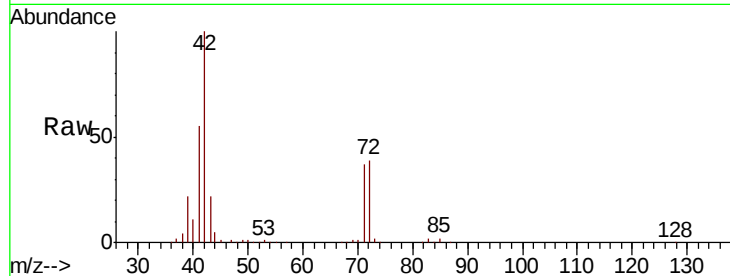




#29
Tetrahydrofuran
Concen: 240.316 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

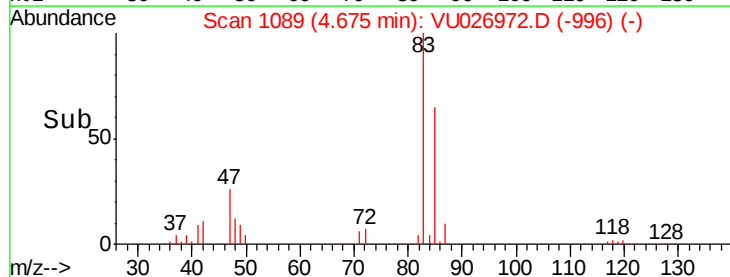
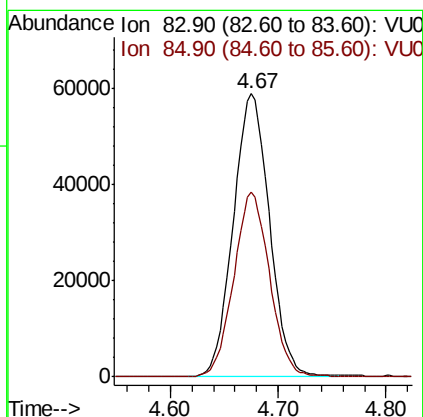
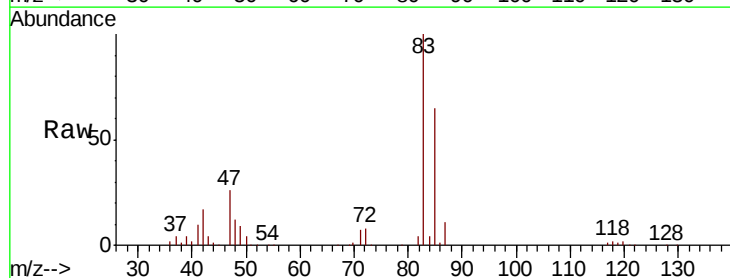
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

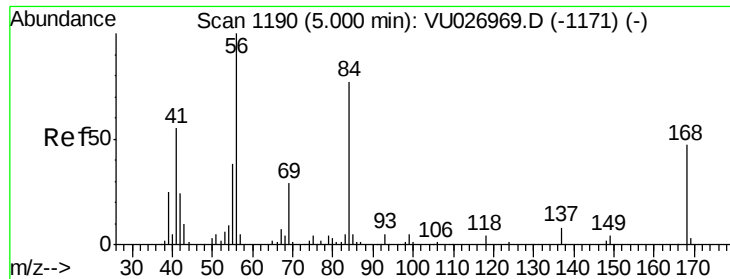
Tgt Ion: 42 Resp: 238998
Ion Ratio Lower Upper
42 100
72 39.5 31.7 47.5
71 36.9 29.6 44.4



#30
Chloroform
Concen: 46.363 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 83 Resp: 138038
Ion Ratio Lower Upper
83 100
85 65.3 51.5 77.3

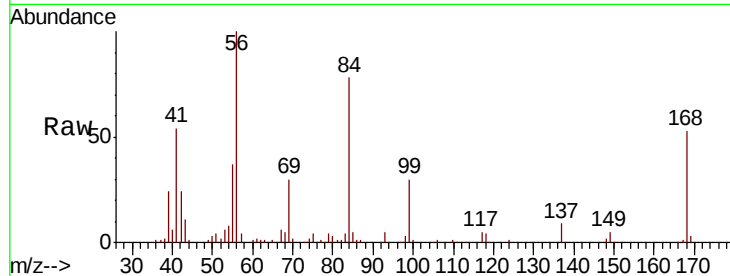




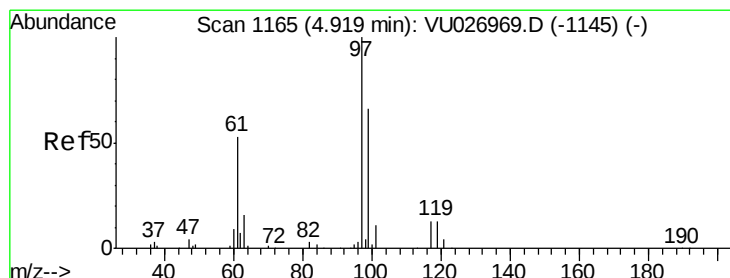
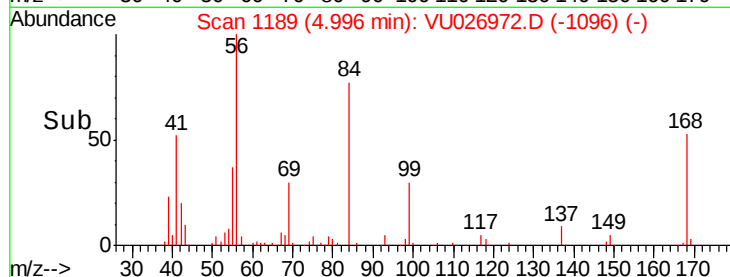
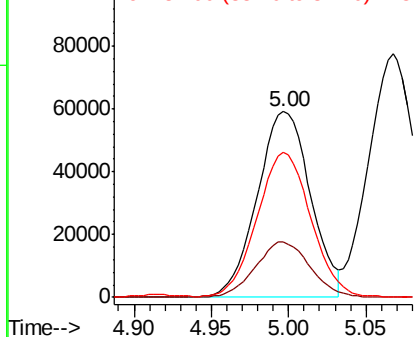
#31
Cyclohexane
Concen: 48.743 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion: 56 Resp: 142161
Ion Ratio Lower Upper
56 100
69 29.5 23.0 34.4
84 77.7 61.4 92.2

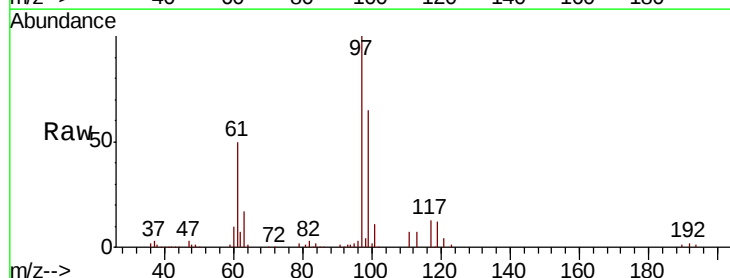


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

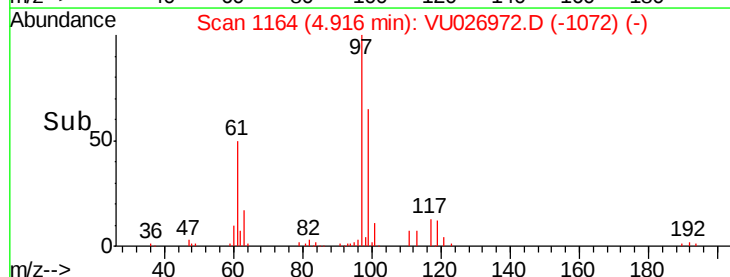
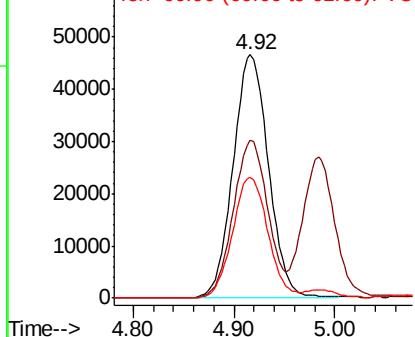


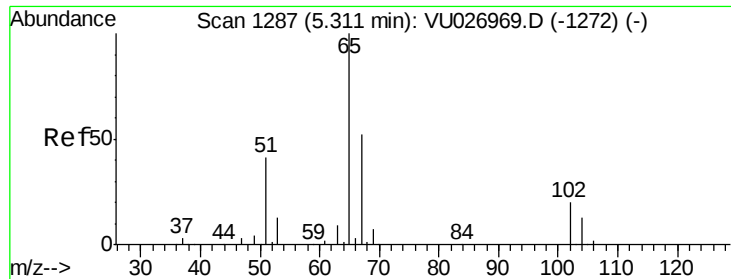
#32
1,1,1-Trichloroethane
Concen: 47.811 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 97 Resp: 113655
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 50.0 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

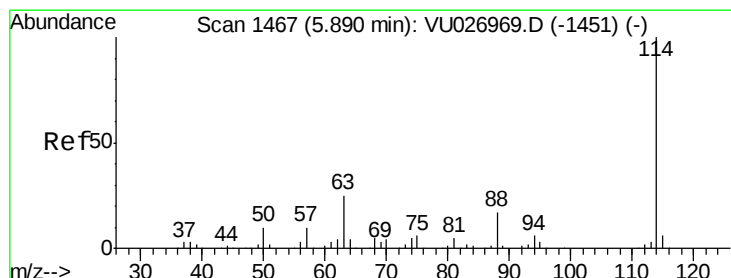
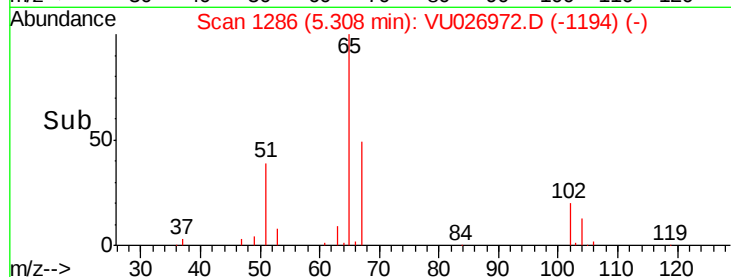
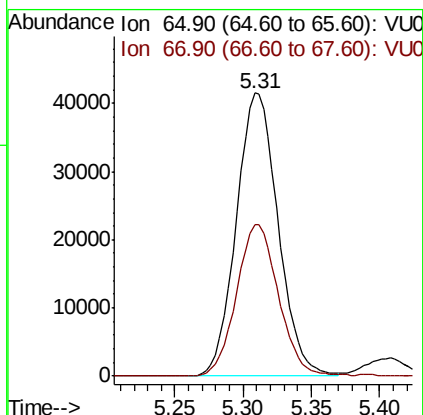
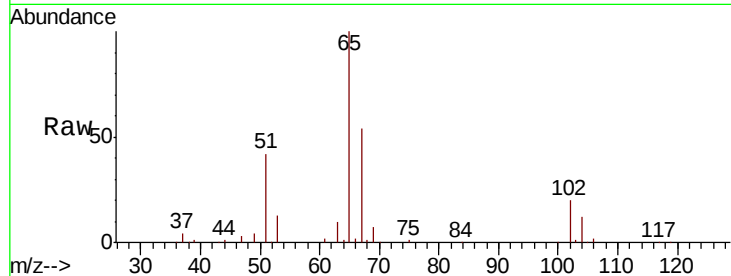




#33
 1,2-Dichloroethane-d4
 Concen: 45.207 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

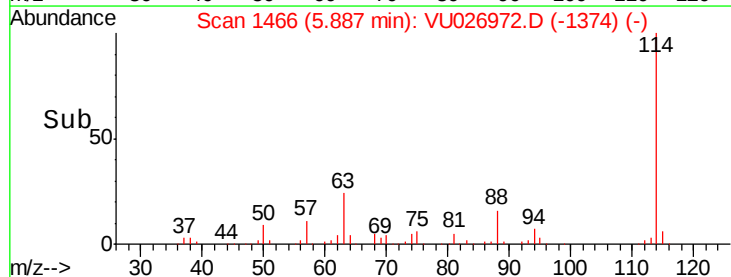
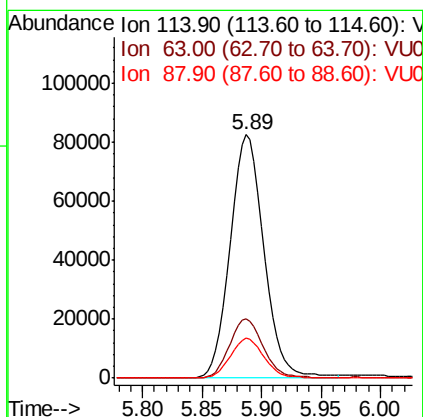
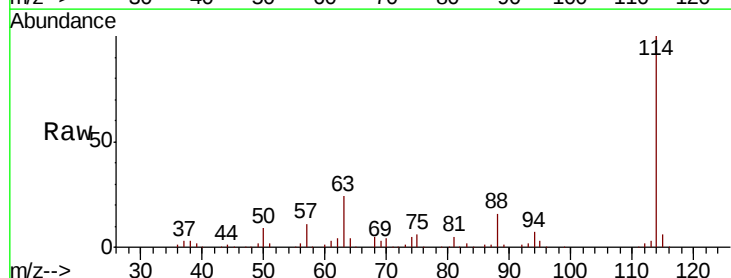
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092218

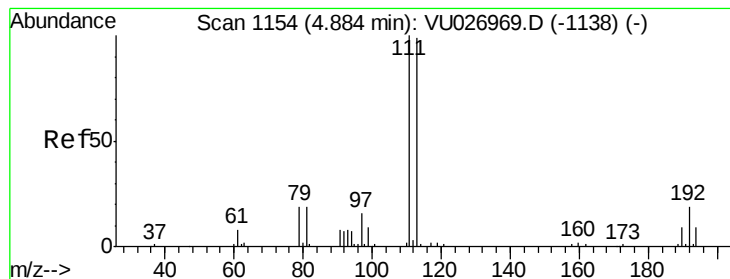
Tgt Ion: 65 Resp: 88437
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Tgt Ion: 114 Resp: 162980
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 16.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 45.952 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092218

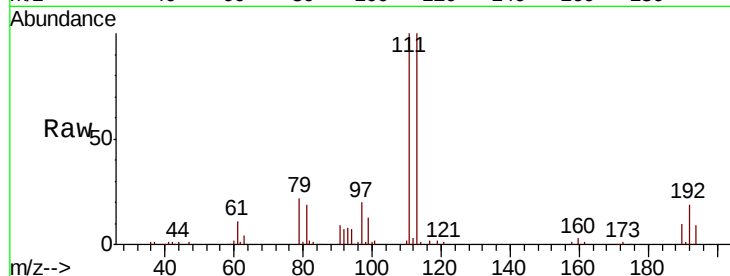
Tgt Ion:113 Resp: 64917

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

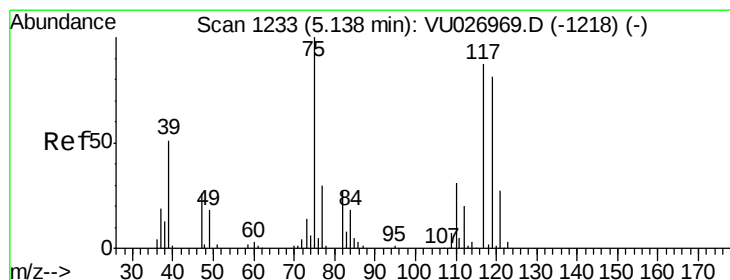
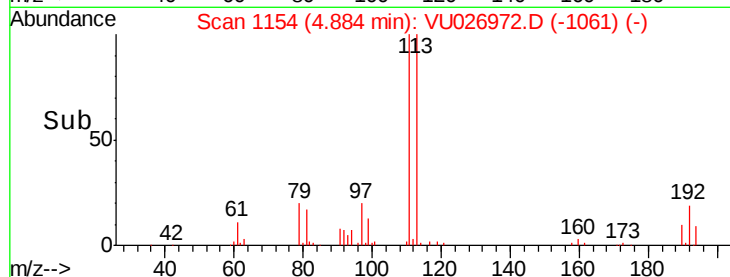
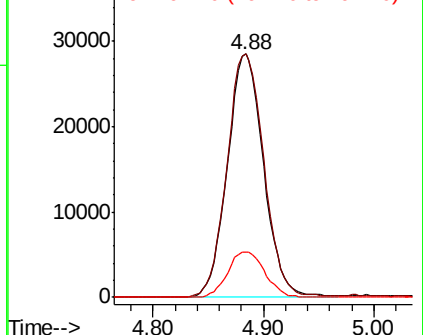
192 19.1 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.830 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

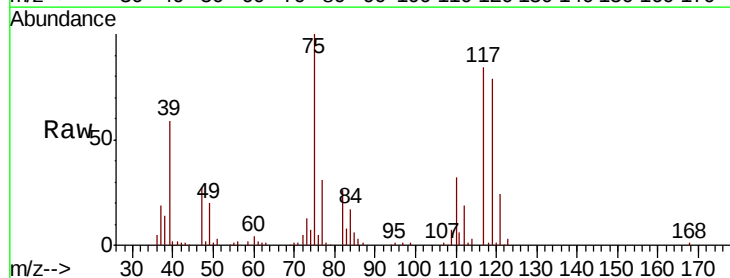
Tgt Ion: 75 Resp: 106214

Ion Ratio Lower Upper

75 100

110 31.4 16.1 48.2

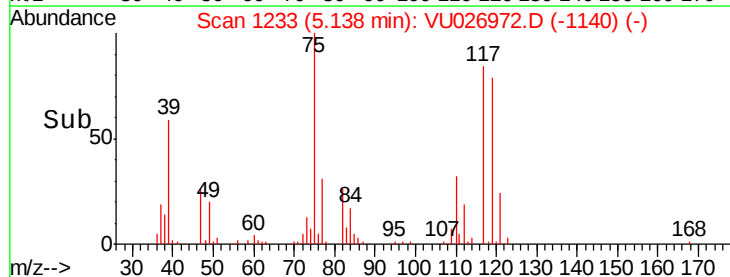
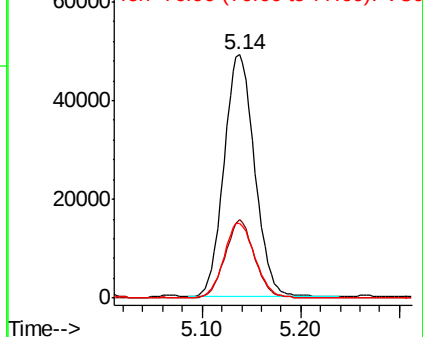
77 31.0 24.6 36.8

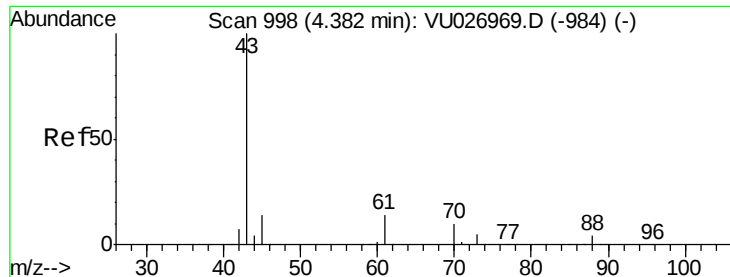


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 45.554 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092218

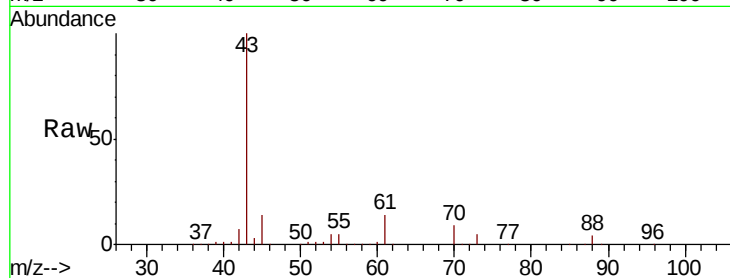
Tgt Ion: 43 Resp: 134137

Ion Ratio Lower Upper

43 100

61 13.5 10.5 15.7

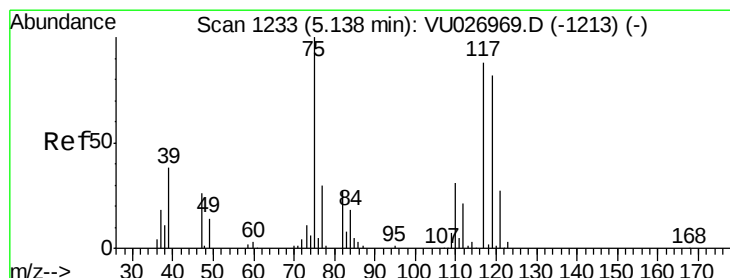
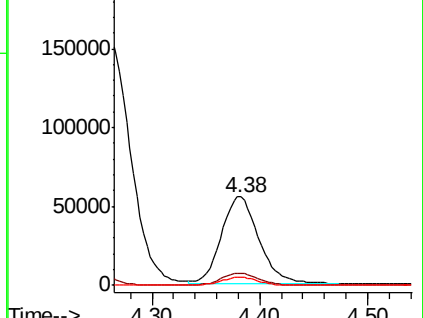
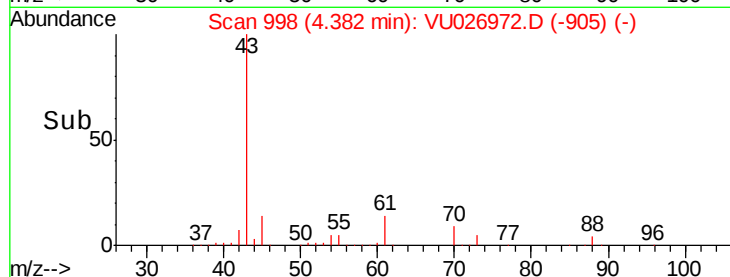
70 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0



#38

Carbon Tetrachloride

Concen: 47.351 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

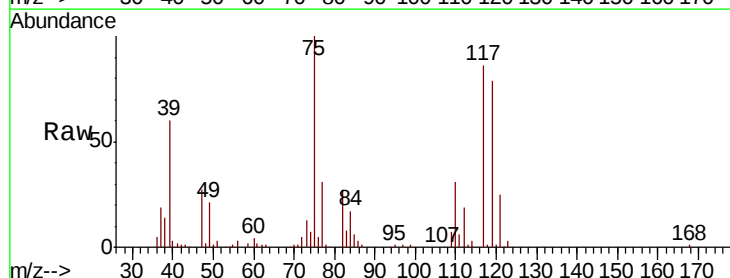
Tgt Ion: 117 Resp: 98015

Ion Ratio Lower Upper

117 100

119 92.5 74.4 111.6

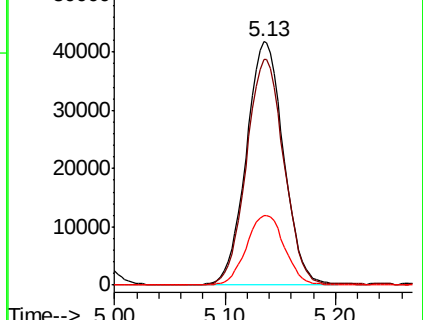
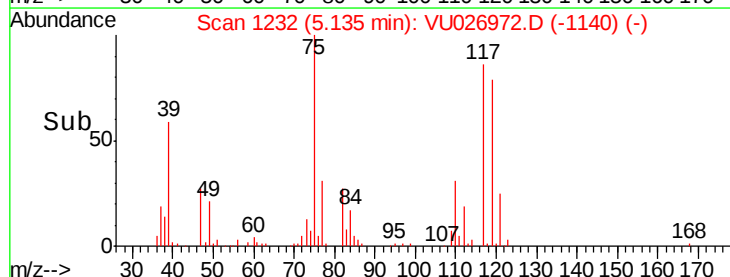
121 28.6 24.2 36.4

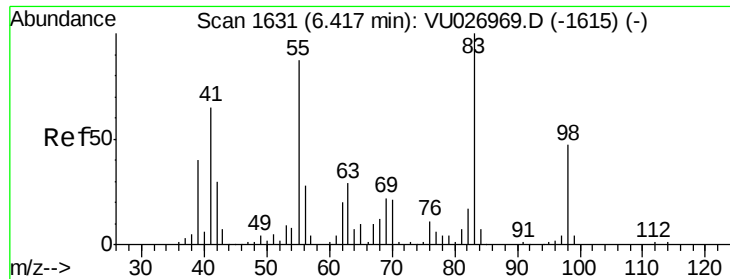


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

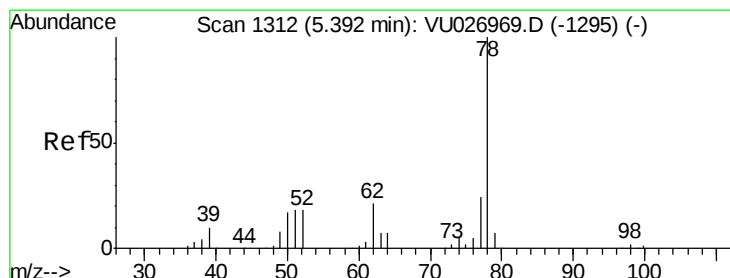
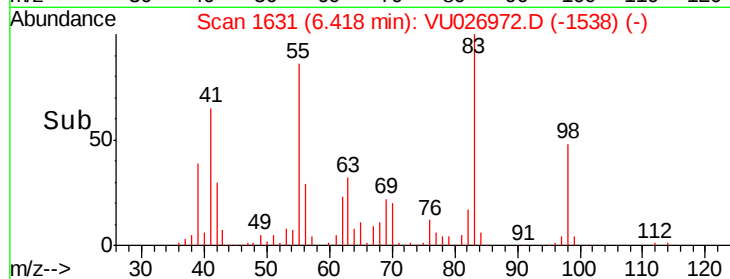
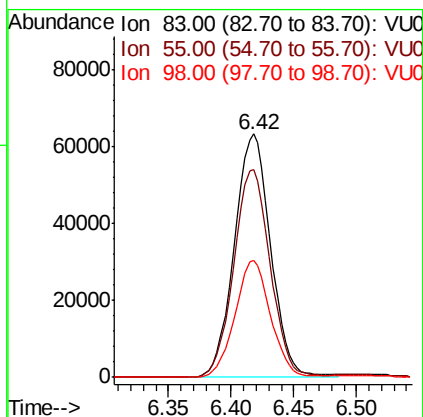
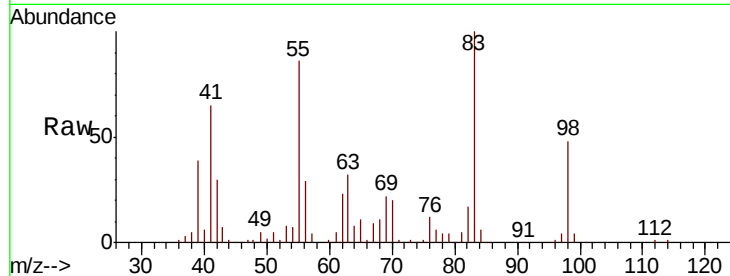




#39
Methylcyclohexane
Concen: 53.857 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

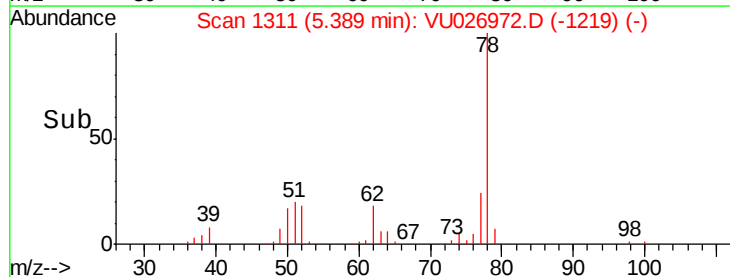
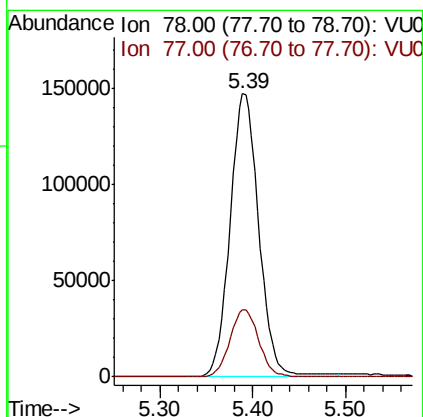
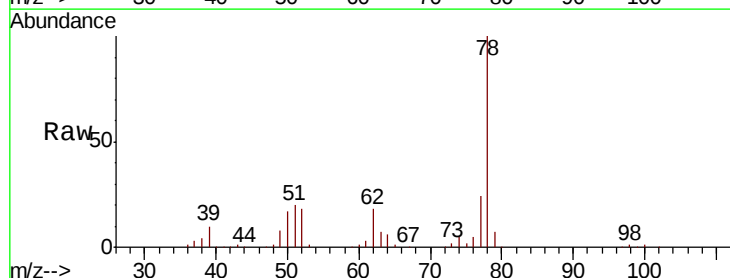
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion: 83 Resp: 127306
Ion Ratio Lower Upper
83 100
55 85.5 69.9 104.9
98 48.1 37.5 56.3



#40
Benzene
Concen: 47.966 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 78 Resp: 317172
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

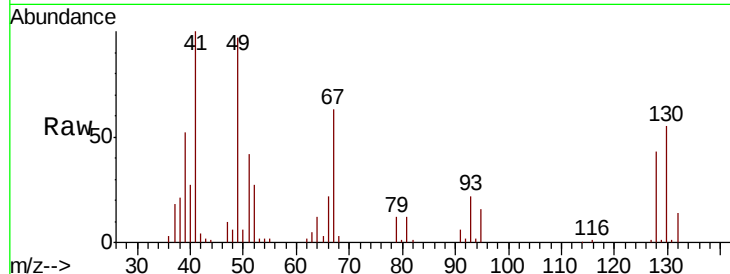




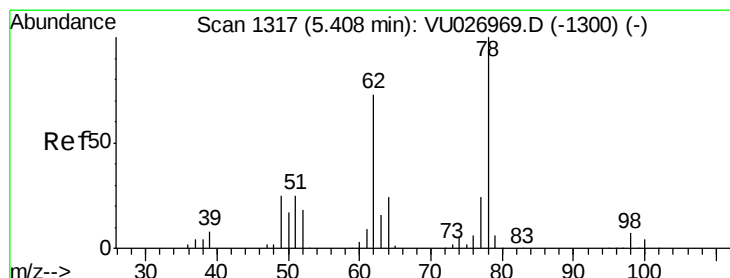
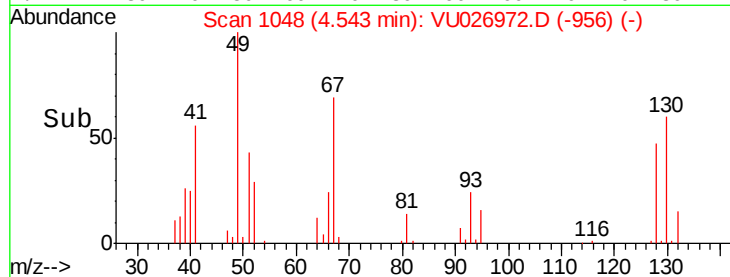
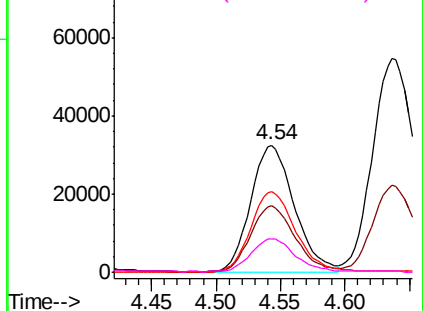
#41
Methacrylonitrile
Concen: 50.237 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion:	41	Resp:	76826
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.9	64.3
67	65.0	52.4	78.6
52	26.3	21.3	31.9

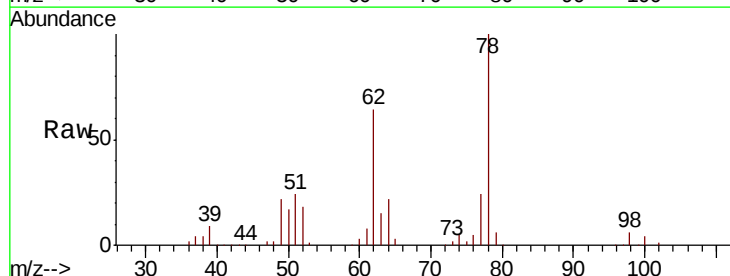


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

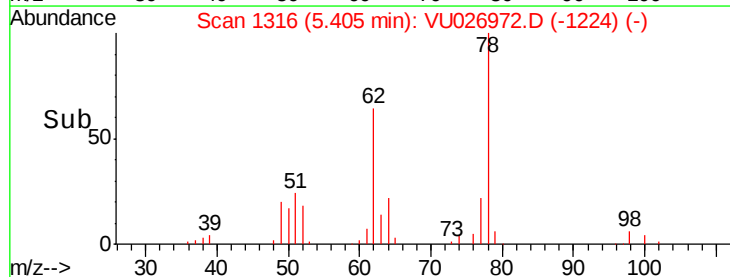
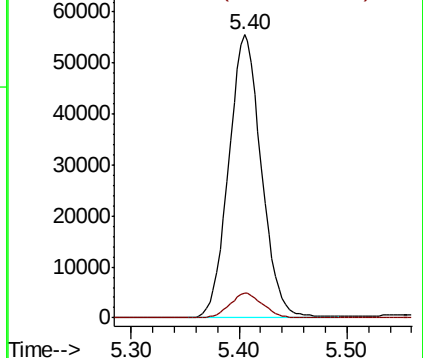


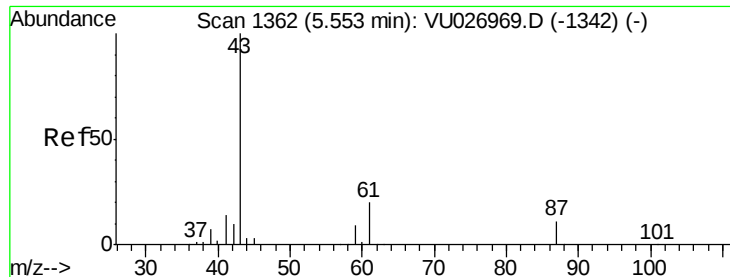
#42
1,2-Dichloroethane
Concen: 47.076 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion:	62	Resp:	117609
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 49.110 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092218

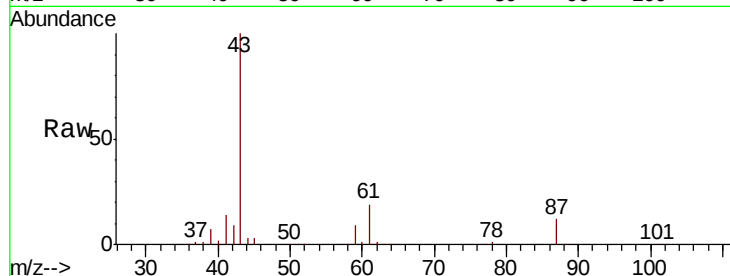
Tgt Ion: 43 Resp: 210893

Ion Ratio Lower Upper

43 100

61 19.4 15.7 23.5

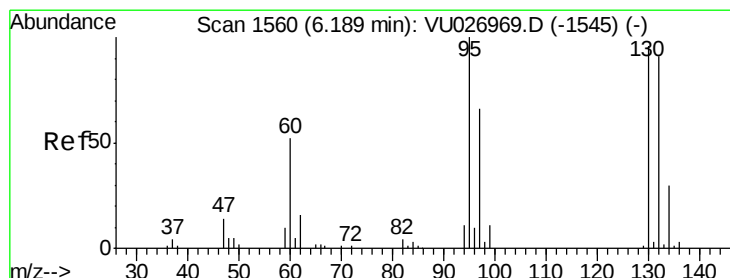
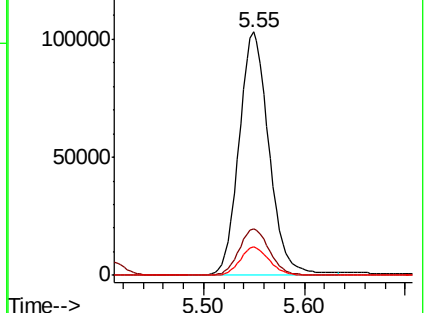
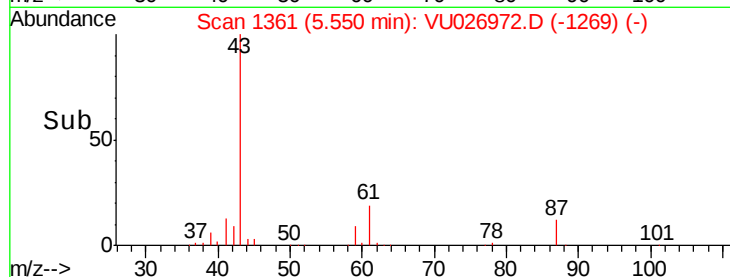
87 11.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026972.D (-1269) (-)

Ion 61.00 (60.70 to 61.70): VU026972.D (-1269) (-)

Ion 87.00 (86.70 to 87.70): VU026972.D (-1269) (-)



#44

Trichloroethene

Concen: 49.758 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU026972.D

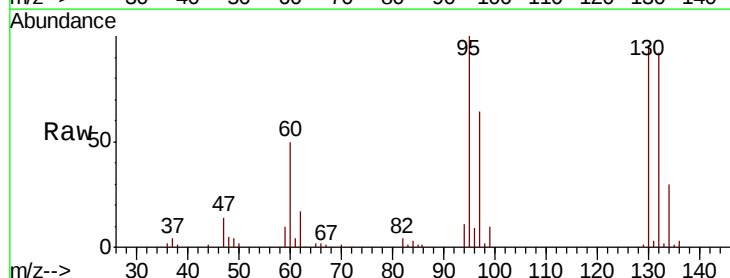
Acq: 21 Sep 2018 17:04

Tgt Ion: 130 Resp: 70045

Ion Ratio Lower Upper

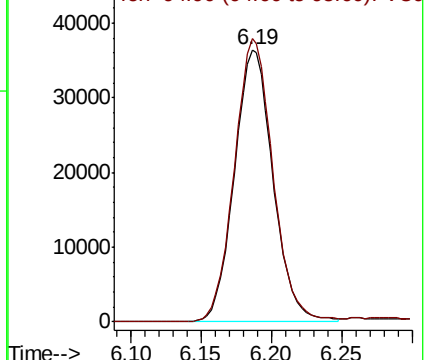
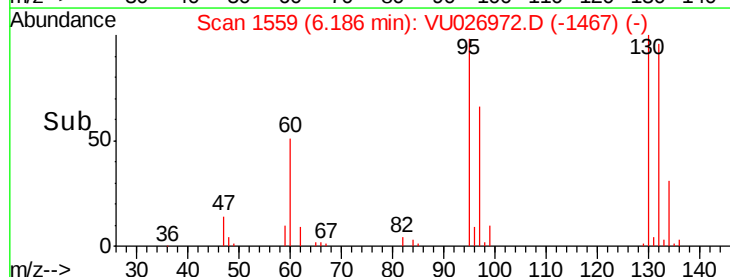
130 100

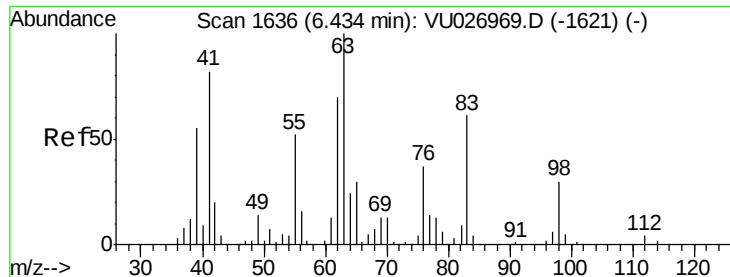
95 104.0 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026972.D (-1467) (-)

Ion 94.90 (94.60 to 95.60): VU026972.D (-1467) (-)





#45

1,2-Dichloropropane

Concen: 48.052 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

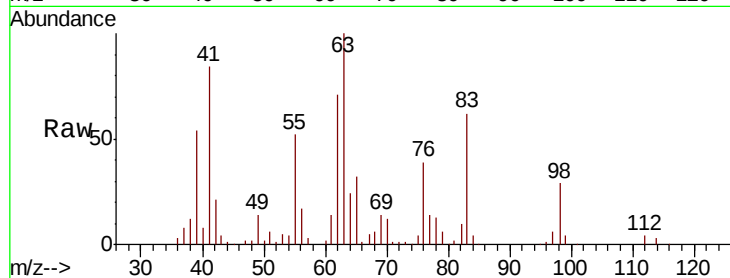
ICVVU092218

Tgt Ion: 63 Resp: 90535

Ion Ratio Lower Upper

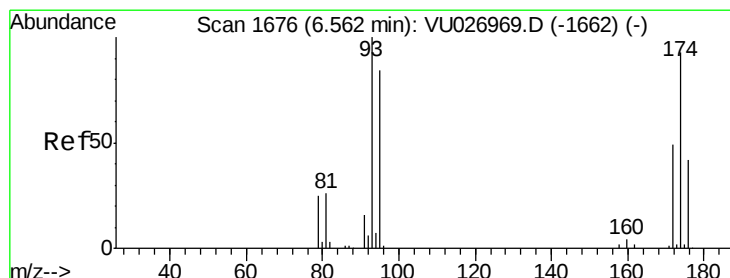
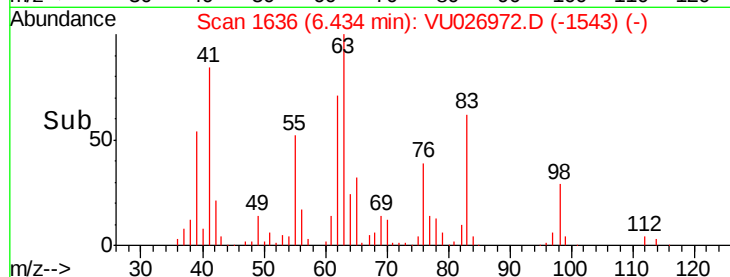
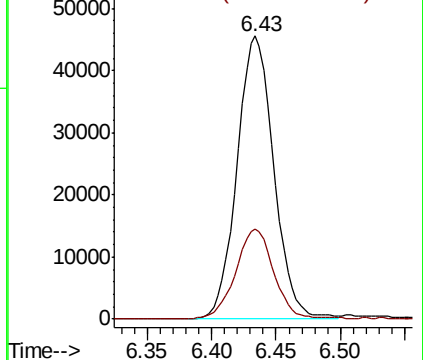
63 100

65 32.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 46.898 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

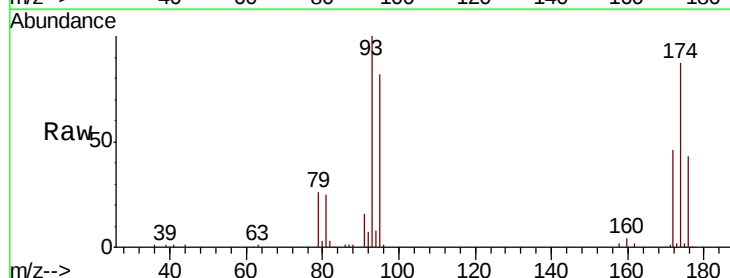
Tgt Ion: 93 Resp: 53365

Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

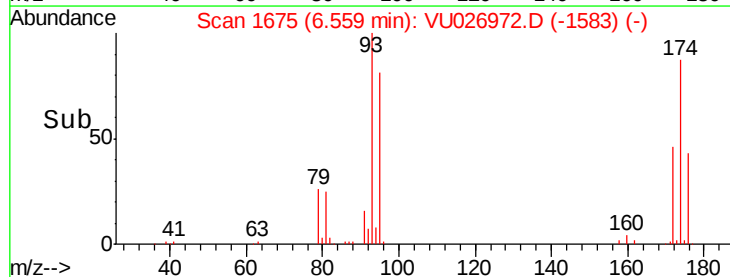
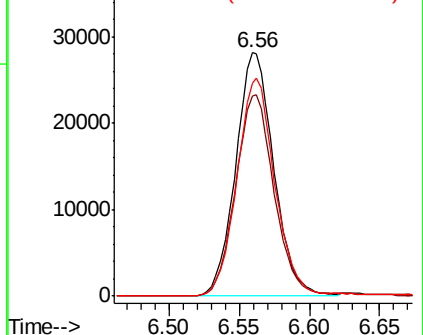
174 89.9 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

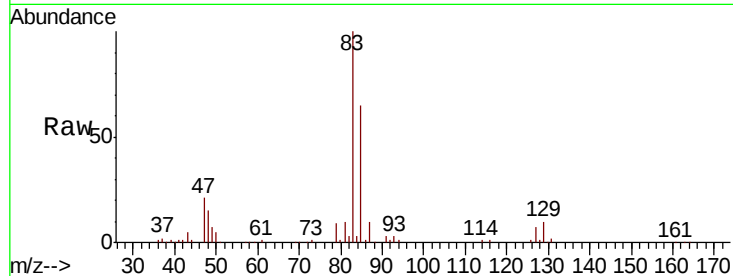




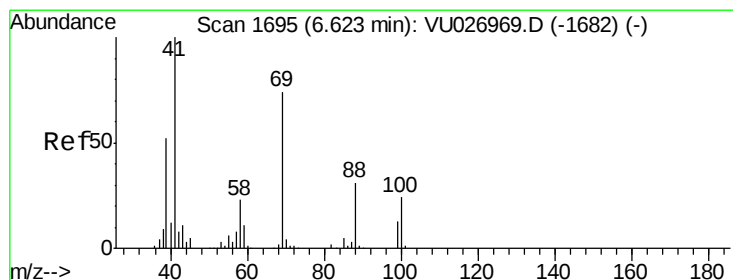
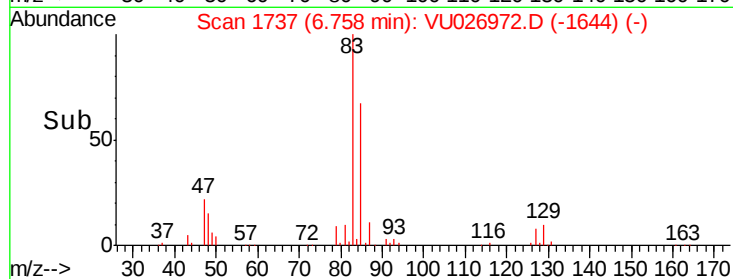
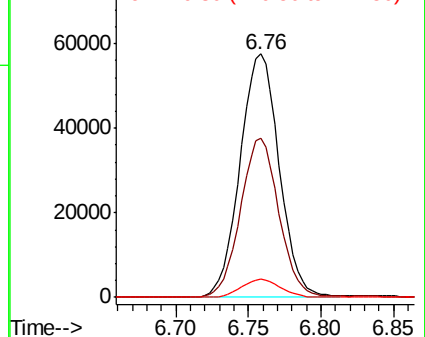
#47
Bromodichloromethane
Concen: 47.071 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion: 83 Resp: 108305
Ion Ratio Lower Upper
83 100
85 65.3 52.5 78.7
127 7.4 6.3 9.5

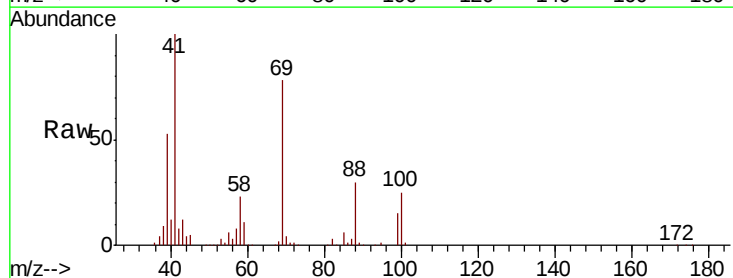


Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V

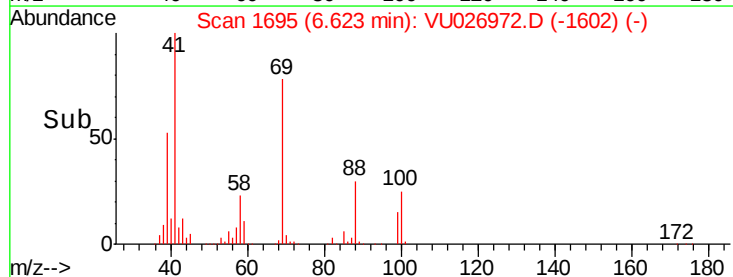
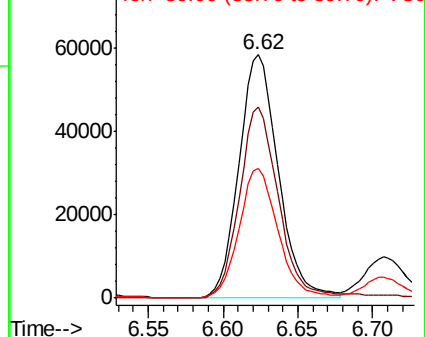


#48
Methyl methacrylate
Concen: 45.783 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 41 Resp: 106805
Ion Ratio Lower Upper
41 100
69 79.7 60.6 90.8
39 52.8 42.8 64.2



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

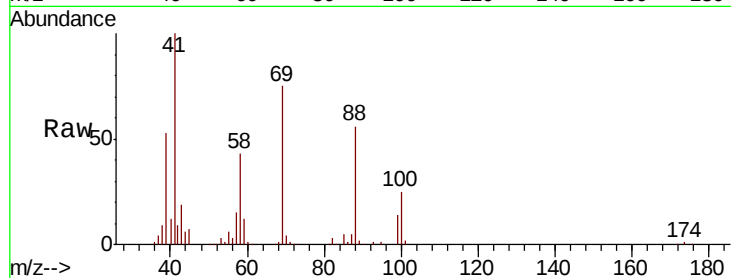




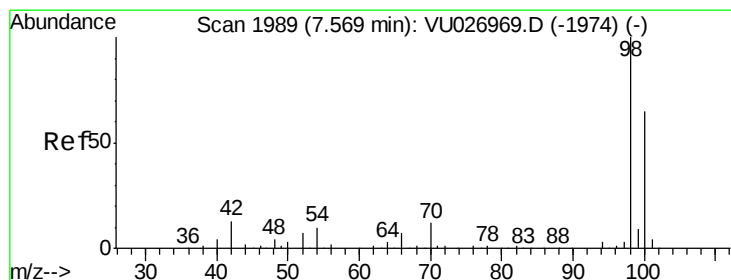
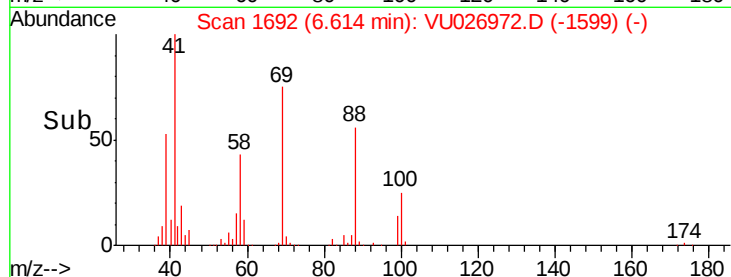
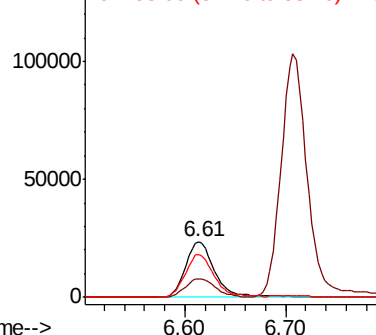
#49
1,4-Dioxane
Concen: 1030.082 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion: 88 Resp: 47812
Ion Ratio Lower Upper
88 100
43 34.9 29.8 44.8
58 76.1 63.9 95.9

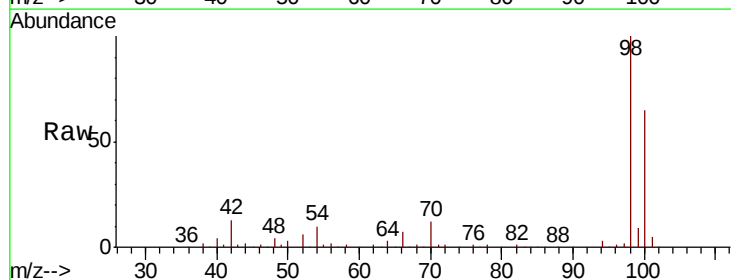


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

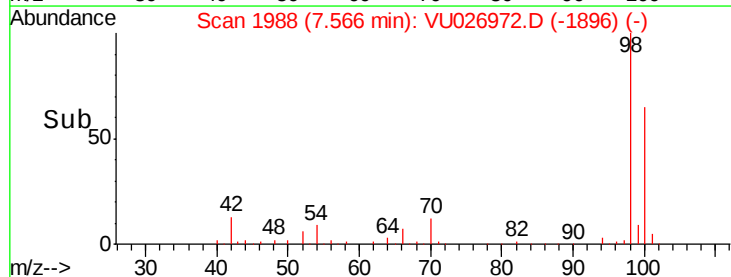
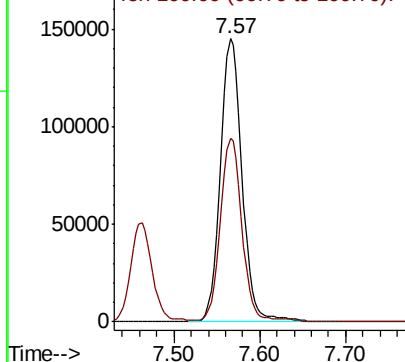


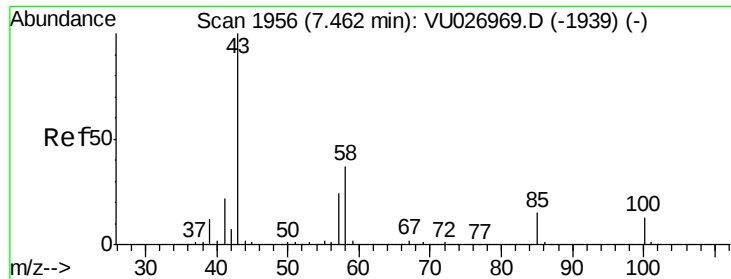
#50
Toluene-d8
Concen: 47.390 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 98 Resp: 255141
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



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





#51

4-Methyl-2-Pentanone

Concen: 244.147 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

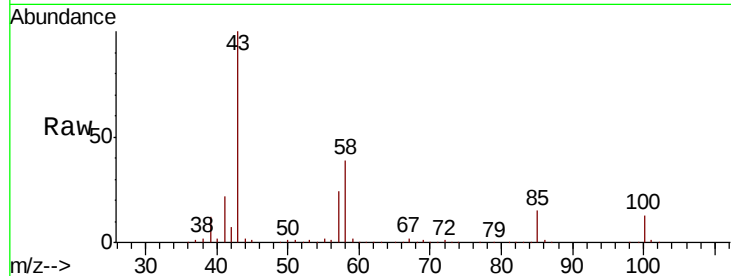
ICVVU092218

Tgt Ion: 43 Resp: 705142

Ion Ratio Lower Upper

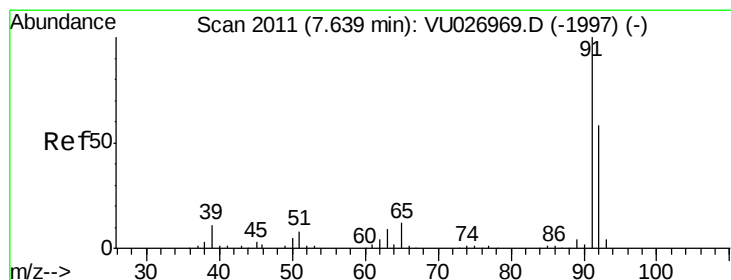
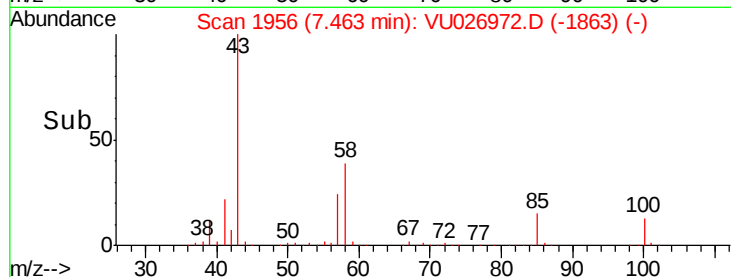
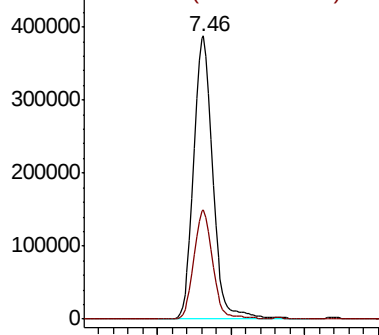
43 100

58 37.9 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 49.617 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU026972.D

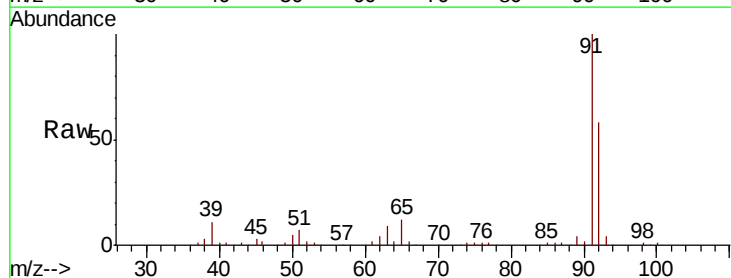
Acq: 21 Sep 2018 17:04

Tgt Ion: 92 Resp: 188062

Ion Ratio Lower Upper

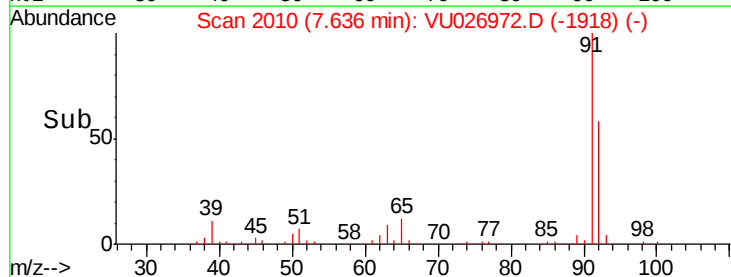
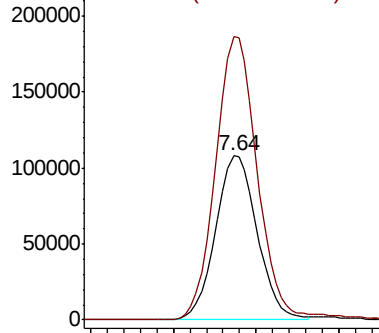
92 100

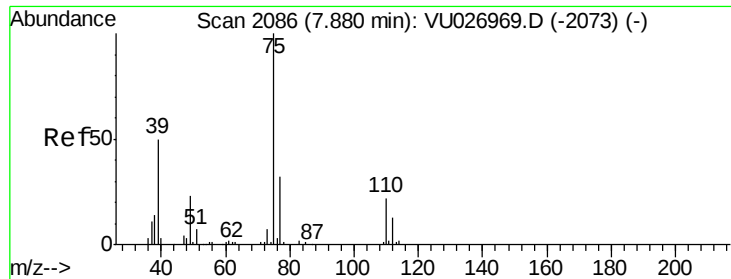
91 175.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

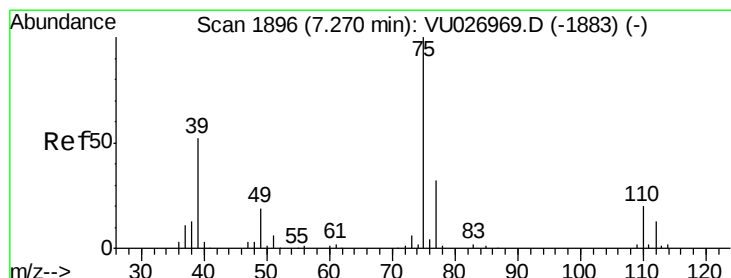
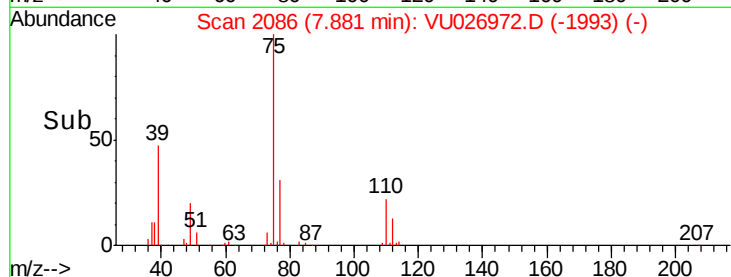
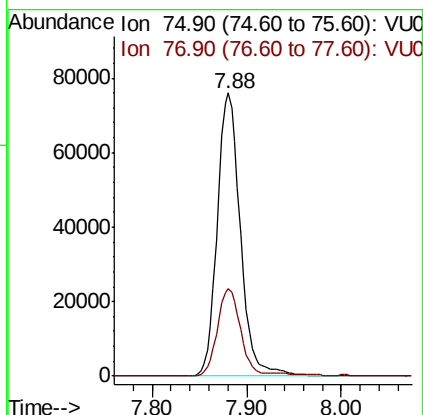
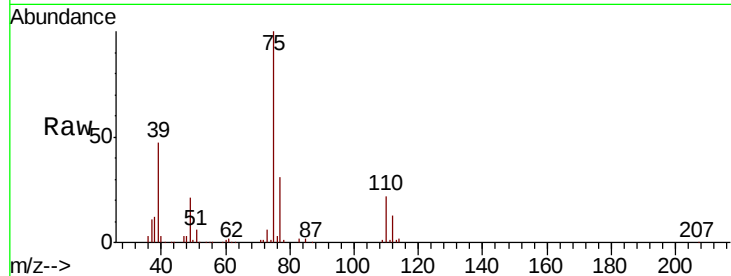




#53
t-1,3-Dichloropropene
Concen: 52.144 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

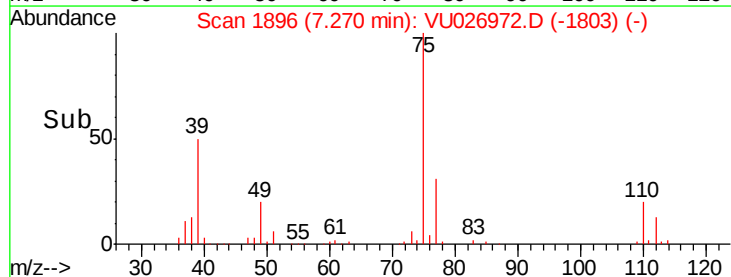
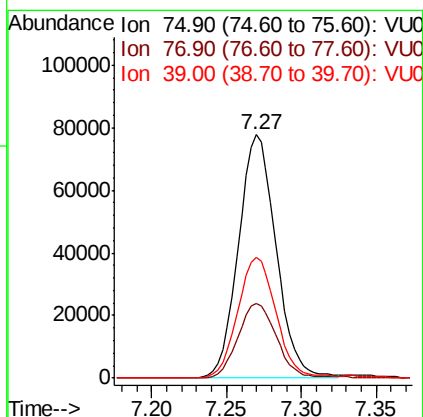
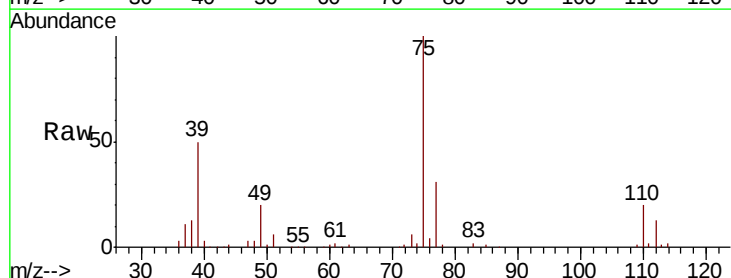
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion: 75 Resp: 128906
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.123 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 75 Resp: 136244
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 49.7 41.6 62.4

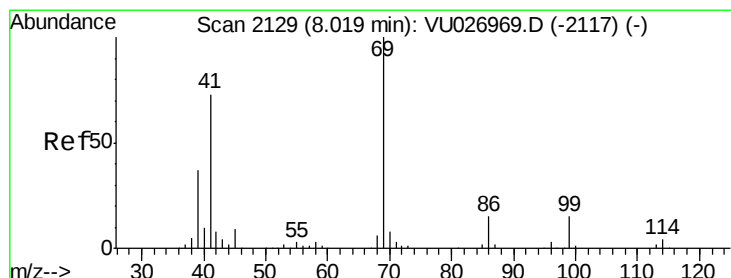
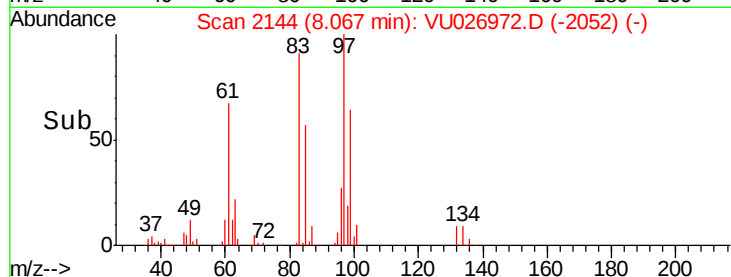
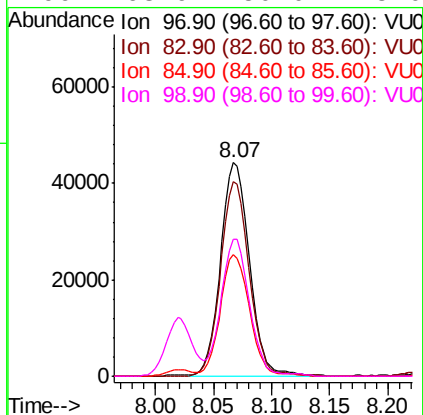
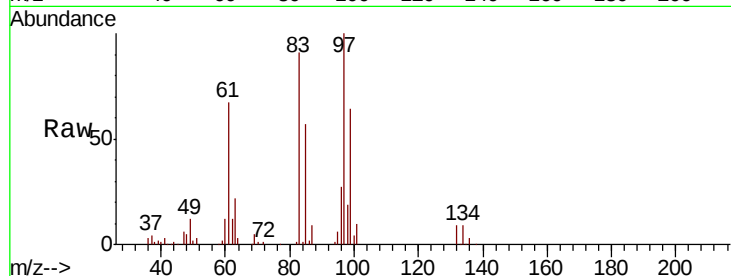




#55
 1,1,2-Trichloroethane
 Concen: 47.845 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

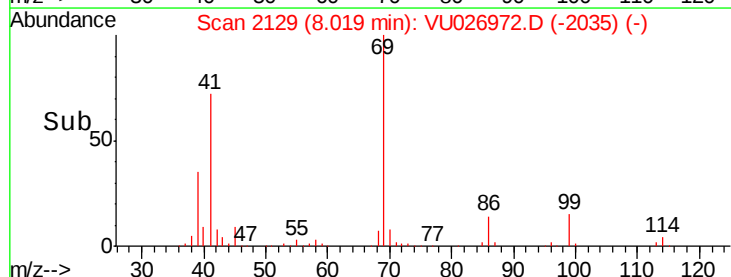
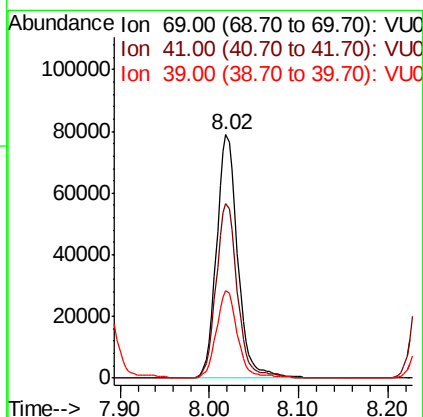
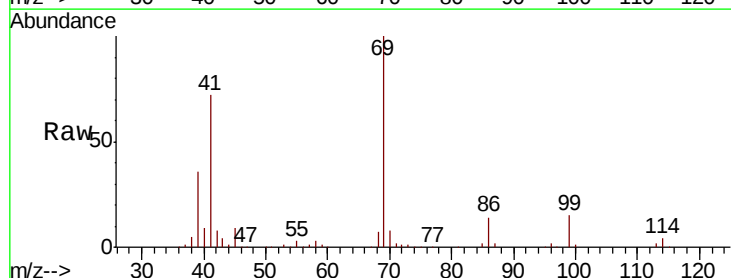
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092218

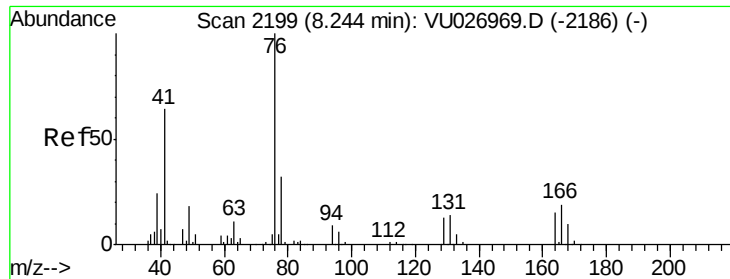
Tgt Ion: 97 Resp: 76840
 Ion Ratio Lower Upper
 97 100
 83 91.1 73.1 109.7
 85 57.1 46.7 70.1
 99 63.9 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 46.916 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Tgt Ion: 69 Resp: 130342
 Ion Ratio Lower Upper
 69 100
 41 72.2 59.0 88.4
 39 35.6 30.2 45.4





#57

1,3-Dichloropropane

Concen: 48.797 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

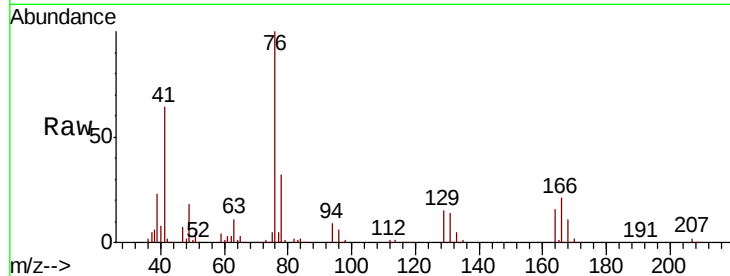
ICVVU092218

Tgt Ion: 76 Resp: 145759

Ion Ratio Lower Upper

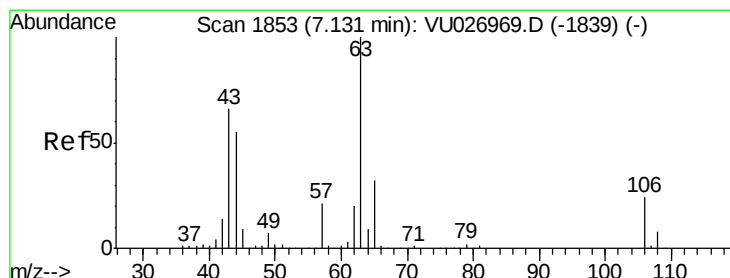
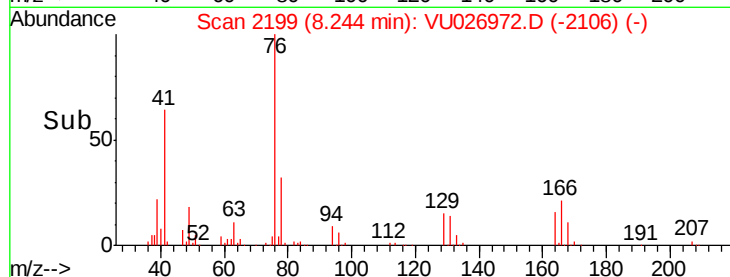
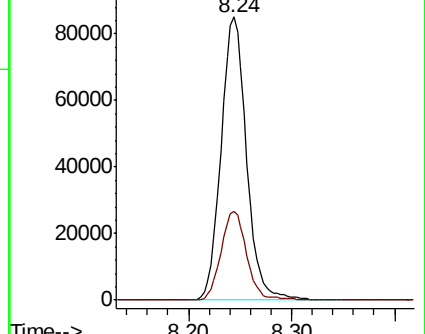
76 100

78 31.6 25.5 38.3



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: 237.647 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VU026972.D

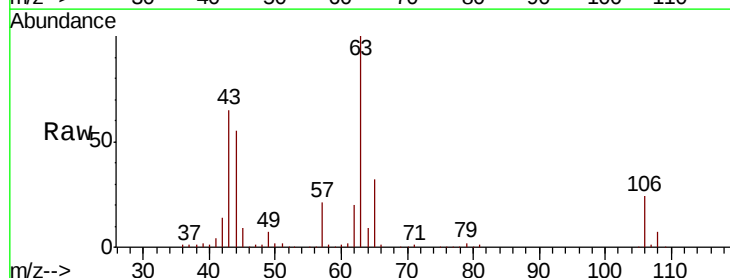
Acq: 21 Sep 2018 17:04

Tgt Ion: 63 Resp: 375440

Ion Ratio Lower Upper

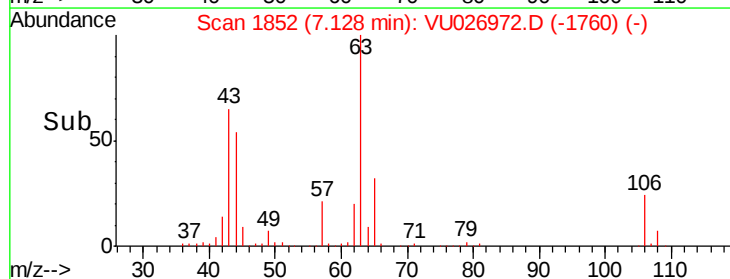
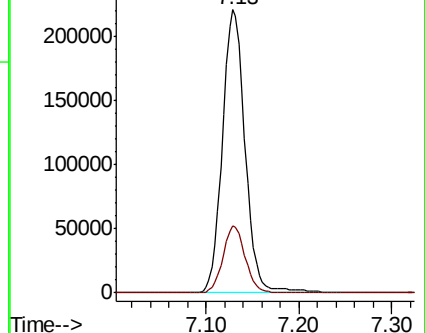
63 100

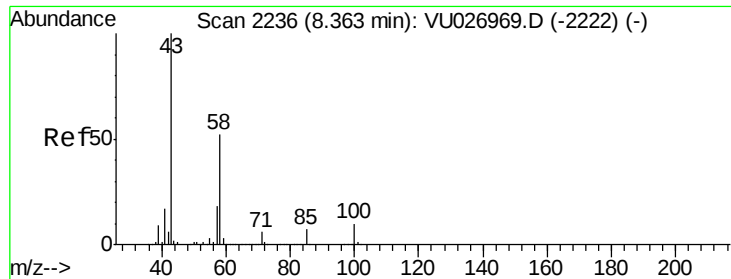
106 23.2 18.7 28.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

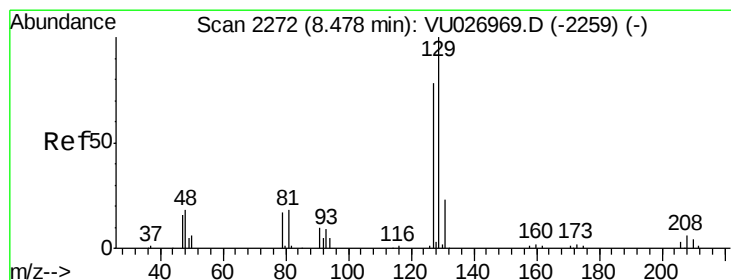
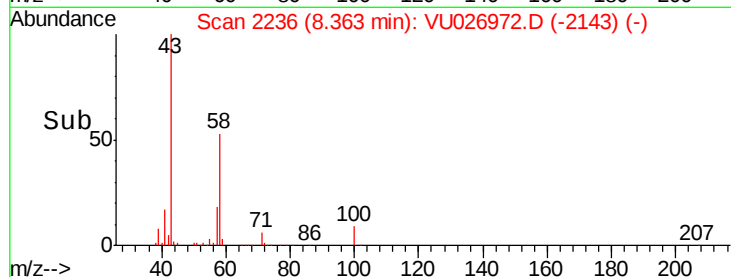
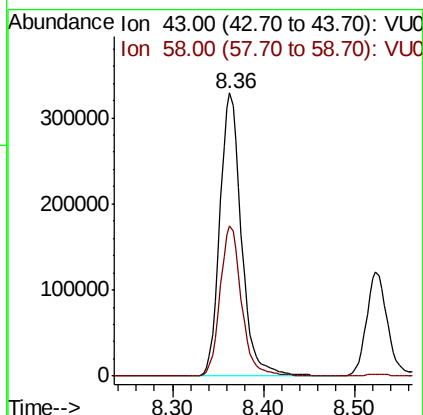
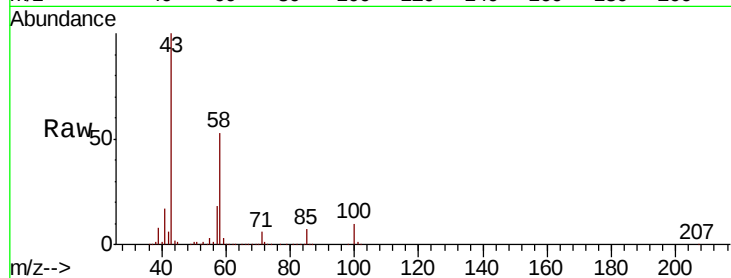




#59
2-Hexanone
Concen: 239.731 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

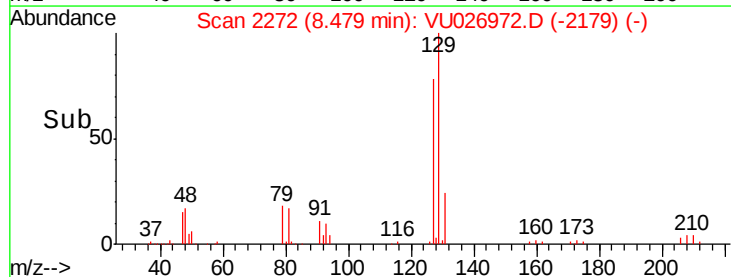
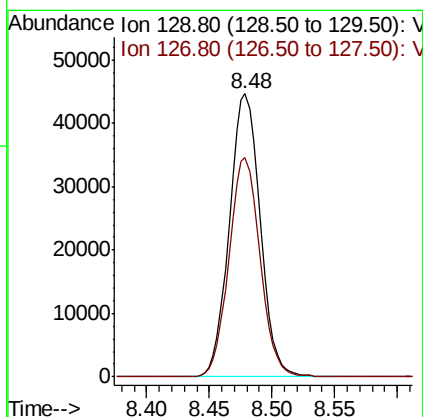
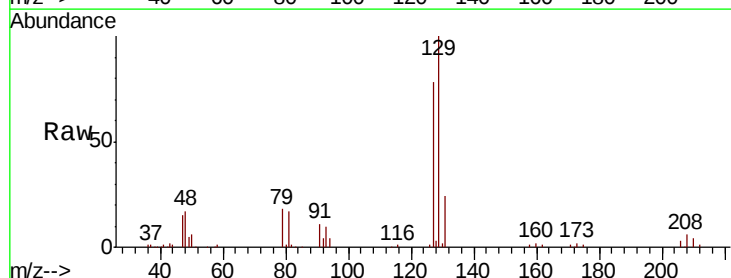
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

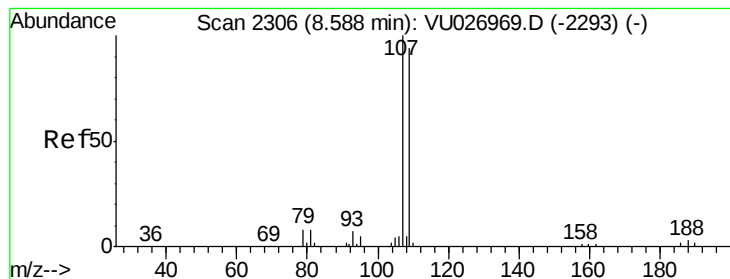
Tgt Ion: 43 Resp: 541986
Ion Ratio Lower Upper
43 100
58 52.6 26.1 78.2



#60
Dibromochloromethane
Concen: 48.459 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 129 Resp: 76339
Ion Ratio Lower Upper
129 100
127 78.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 48.790 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

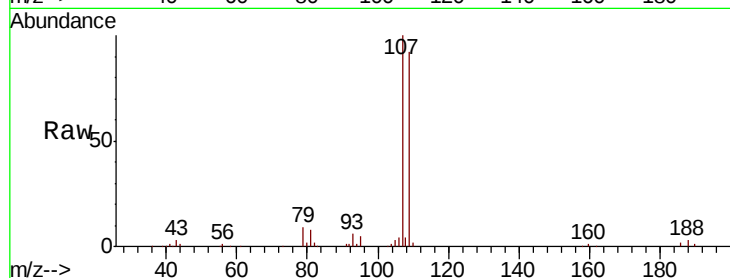
ICVVU092218

Tgt Ion: 107 Resp: 81528

Ion Ratio Lower Upper

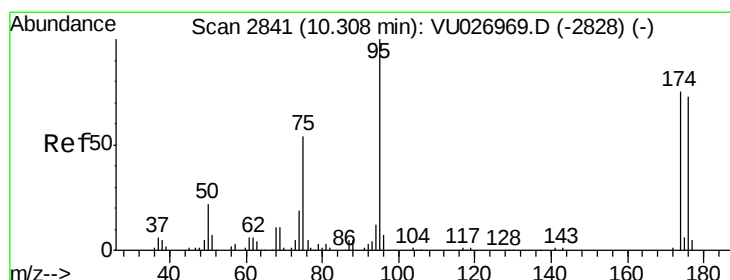
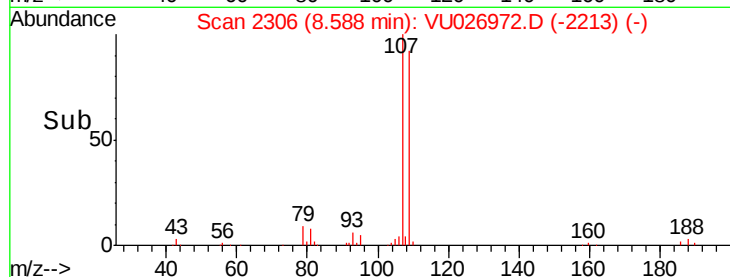
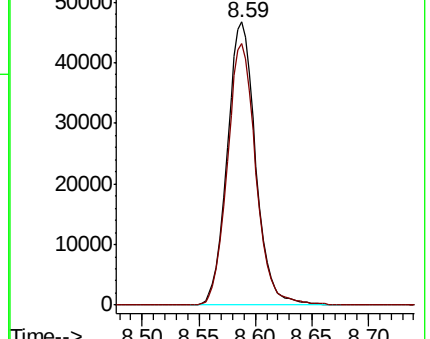
107 100

109 93.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.251 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

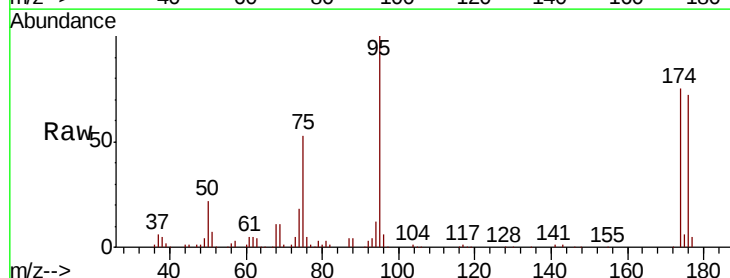
Tgt Ion: 95 Resp: 90985

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.2

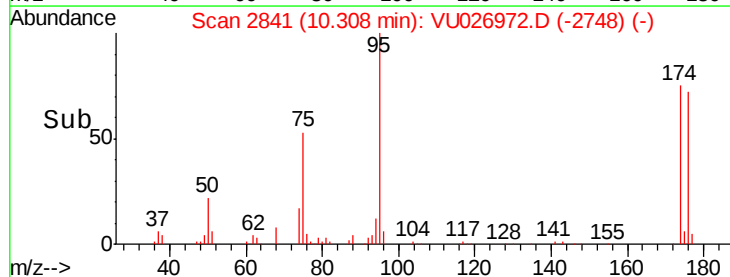
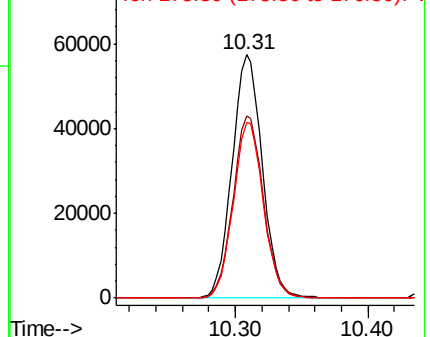
176 71.7 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

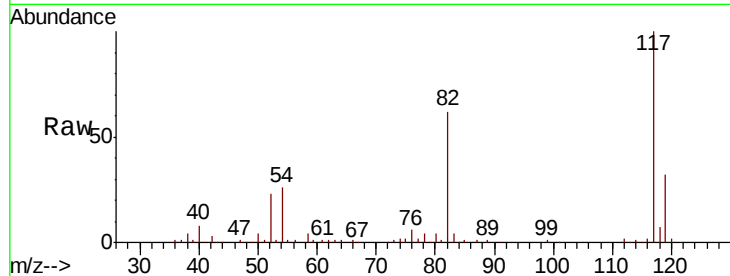




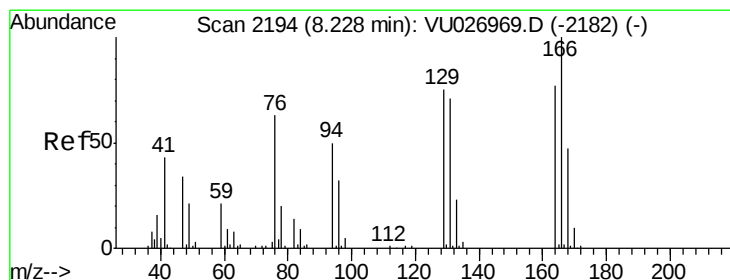
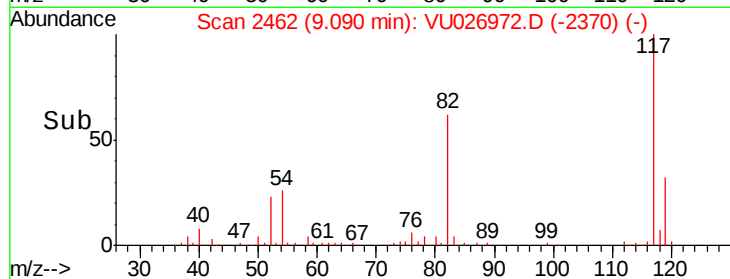
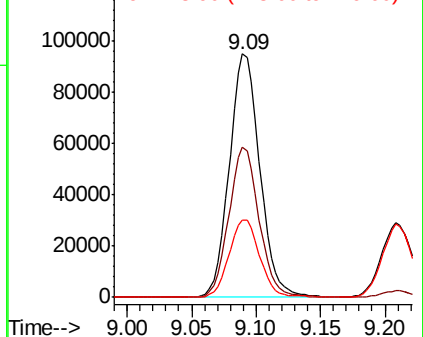
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion:117 Resp: 156082
Ion Ratio Lower Upper
117 100
82 61.6 48.0 72.0
119 32.0 25.8 38.8



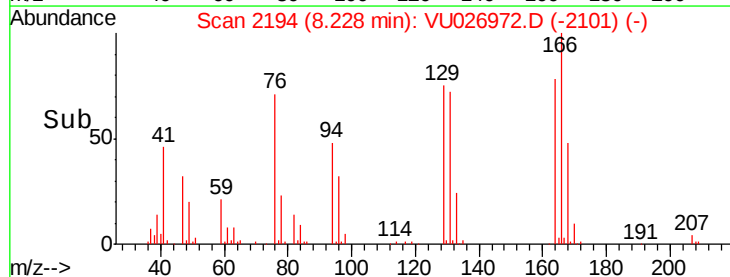
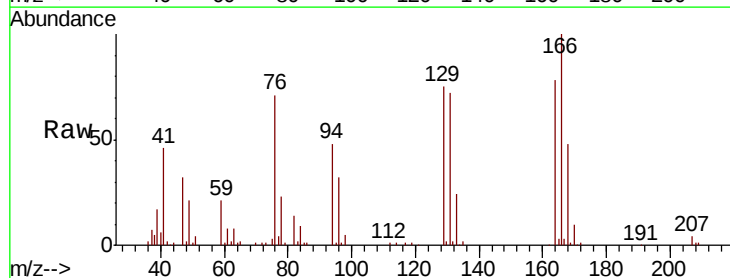
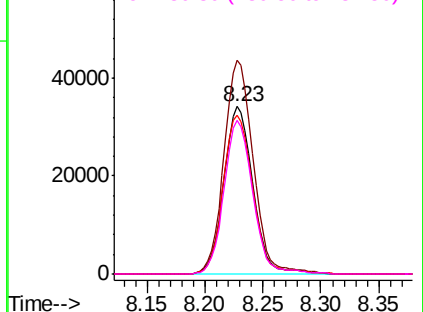
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.100 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion:164 Resp: 59054
Ion Ratio Lower Upper
164 100
166 127.7 104.4 156.6
129 95.3 78.7 118.1
131 91.8 73.9 110.9

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

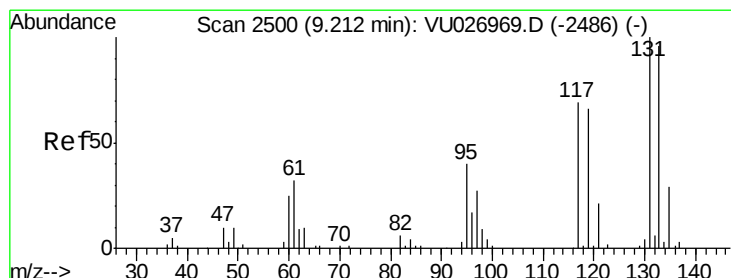
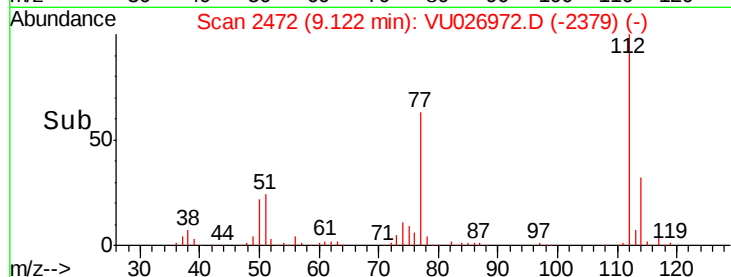
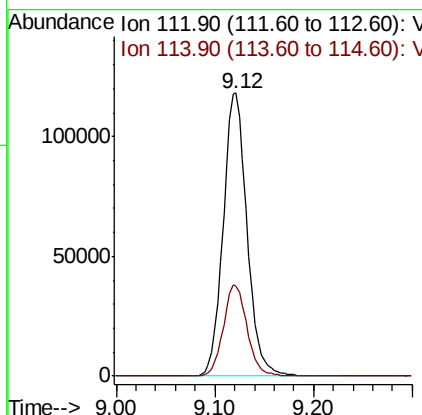
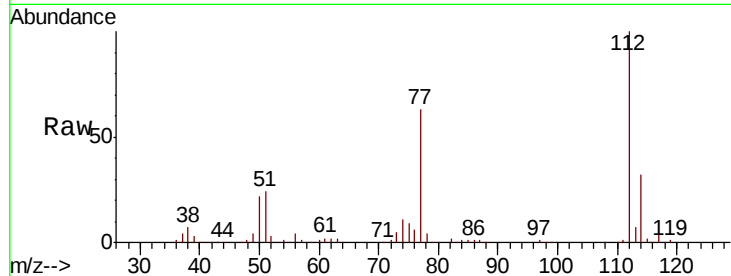




#65
Chlorobenzene
Concen: 48.258 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

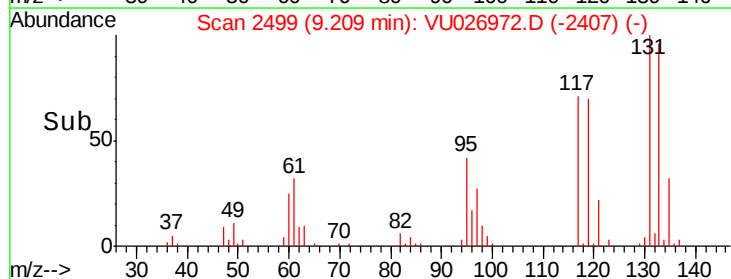
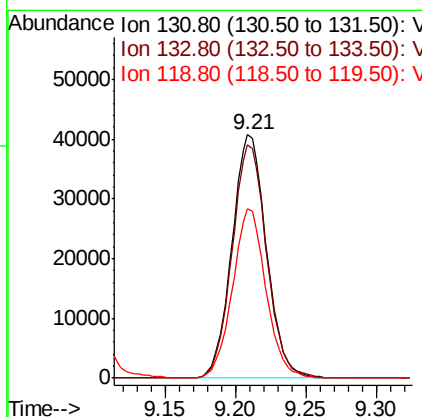
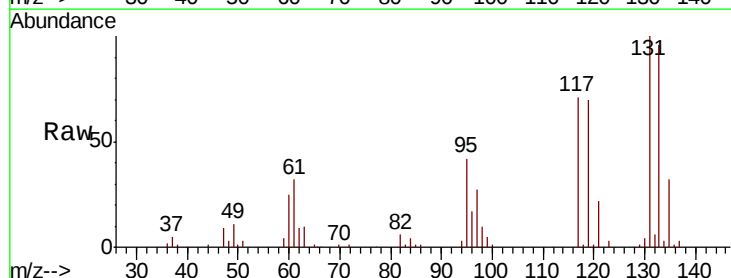
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

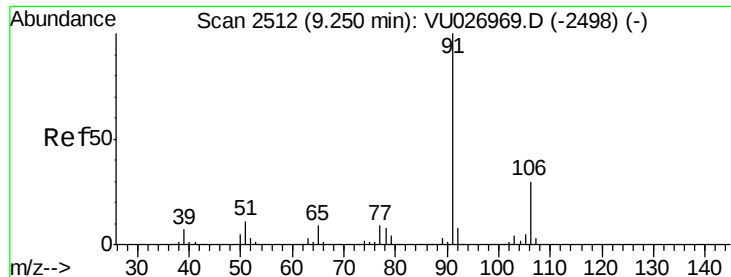
Tgt Ion:112 Resp: 199717
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.929 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion:131 Resp: 69746
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.2
119 67.7 33.4 100.1

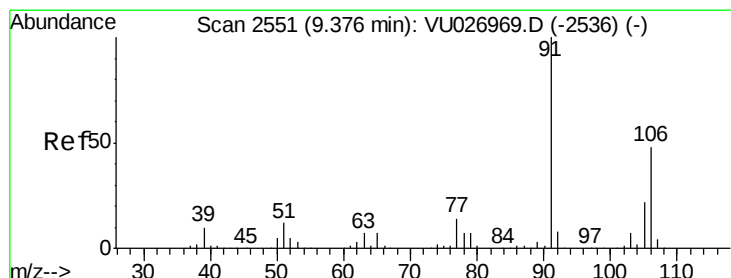
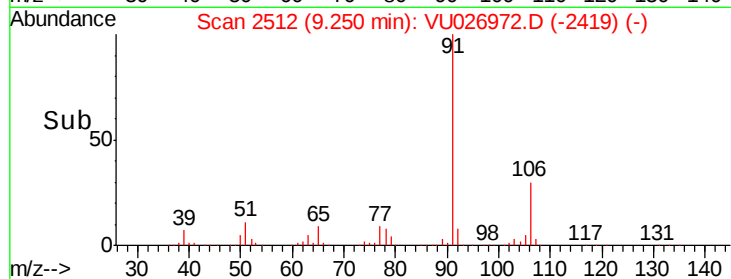
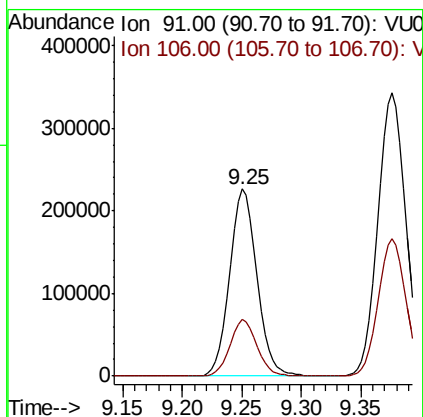
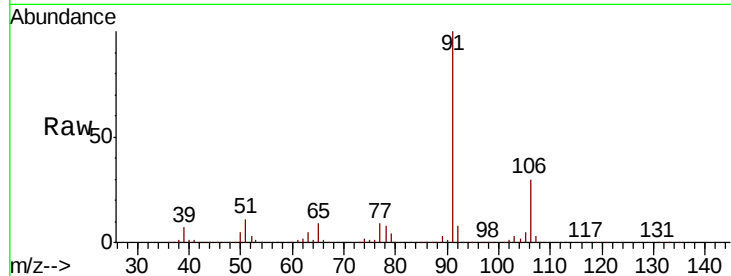




#67
Ethyl Benzene
Concen: 52.961 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

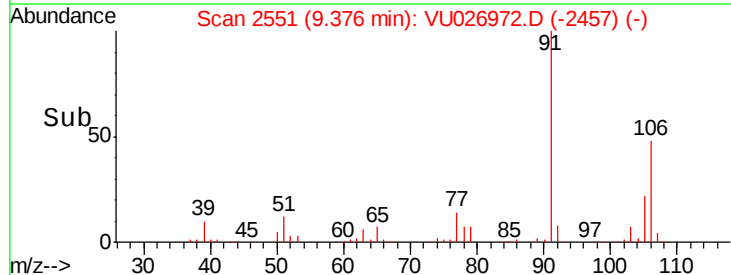
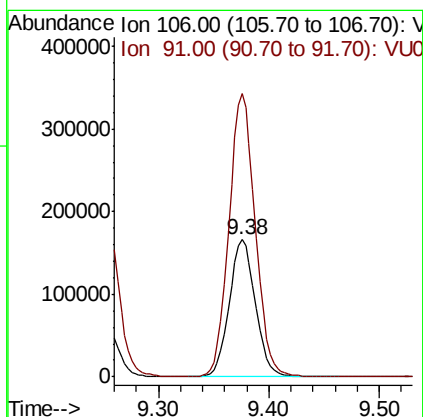
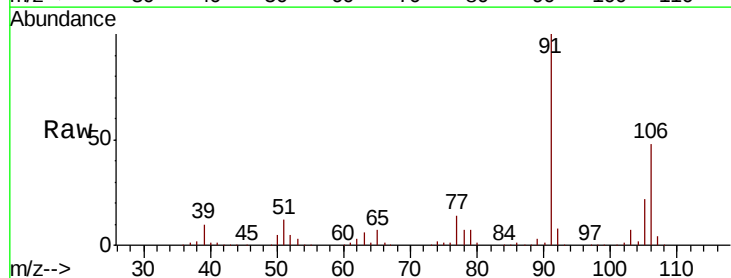
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

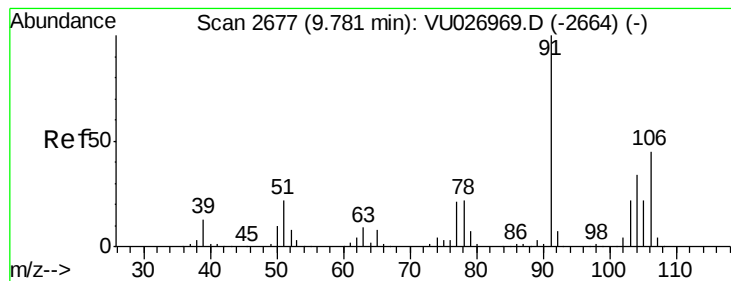
Tgt Ion: 91 Resp: 360419
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#68
m/p-Xylenes
Concen: 98.955 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 106 Resp: 272682
Ion Ratio Lower Upper
106 100
91 207.1 166.5 249.7





#69

o-Xylene

Concen: 53.635 ug/l

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

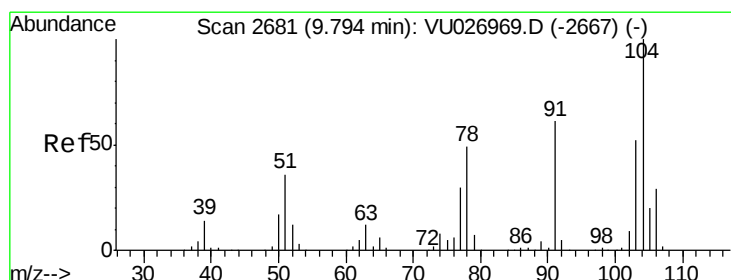
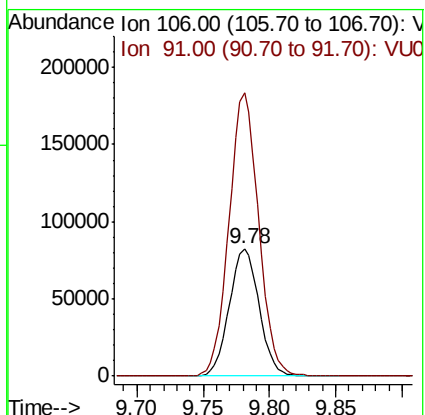
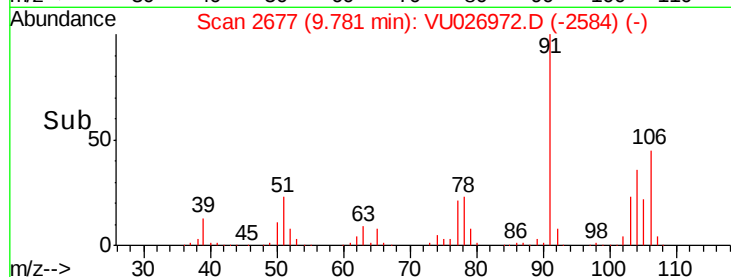
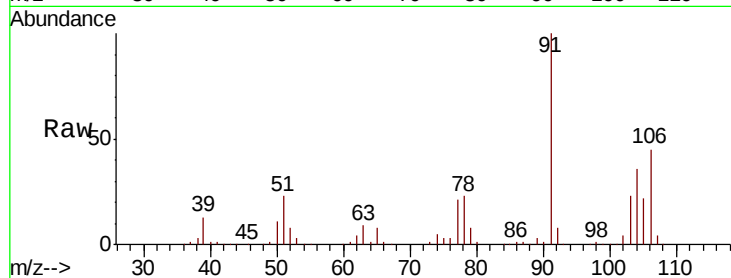
ICVVU092218

Tgt Ion:106 Resp: 129325

Ion Ratio Lower Upper

106 100

91 220.2 110.2 330.6



#70

Styrene

Concen: 47.934 ug/l

RT: 9.79 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

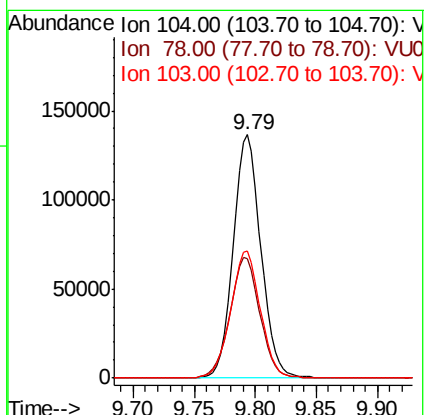
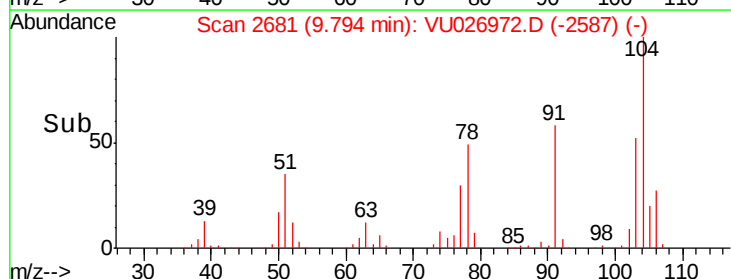
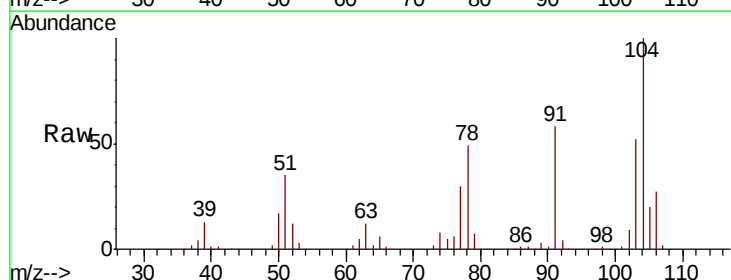
Tgt Ion:104 Resp: 215456

Ion Ratio Lower Upper

104 100

78 53.9 43.0 64.4

103 56.1 44.1 66.1

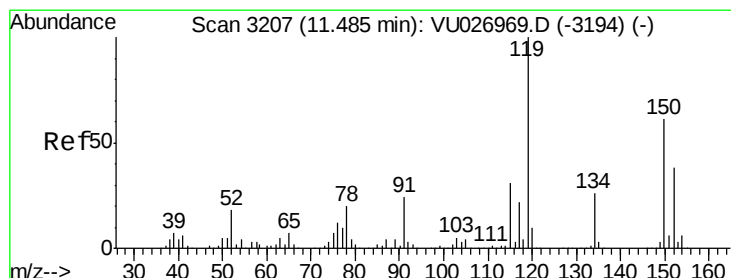
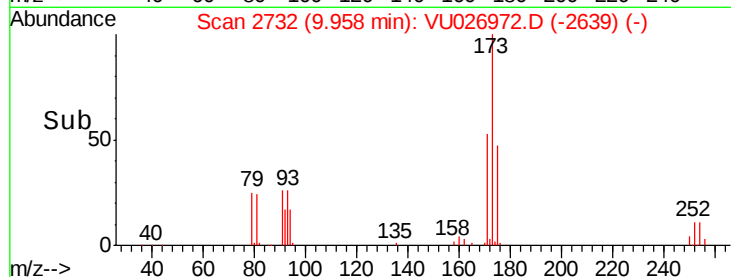
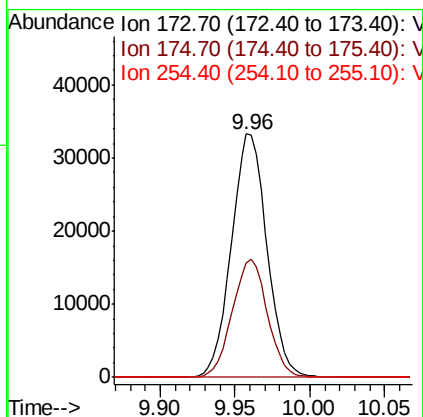
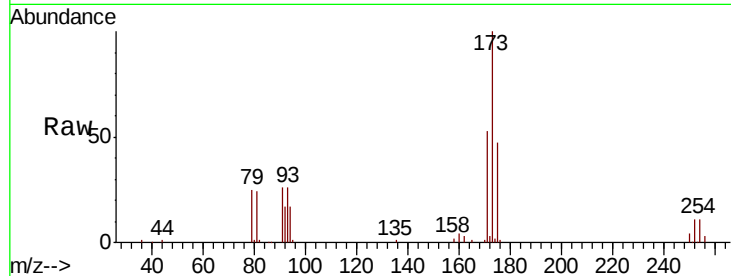




#71
Bromoform
Concen: 50.001 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

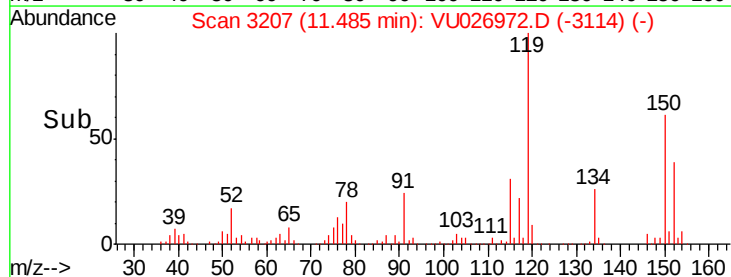
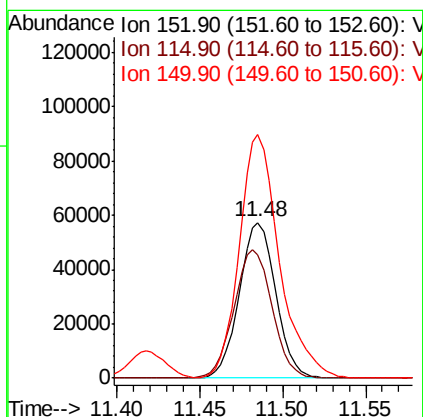
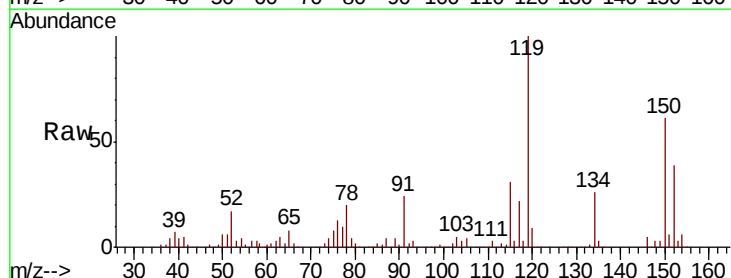
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

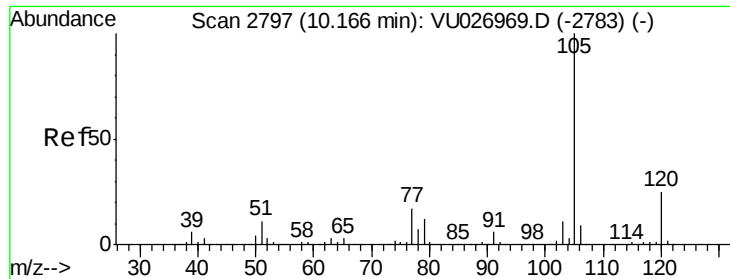
Tgt Ion:173 Resp: 55117
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion:152 Resp: 87547
Ion Ratio Lower Upper
152 100
115 86.3 44.9 134.5
150 172.2 0.0 355.8





#73

Isopropylbenzene

Concen: 52.970 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

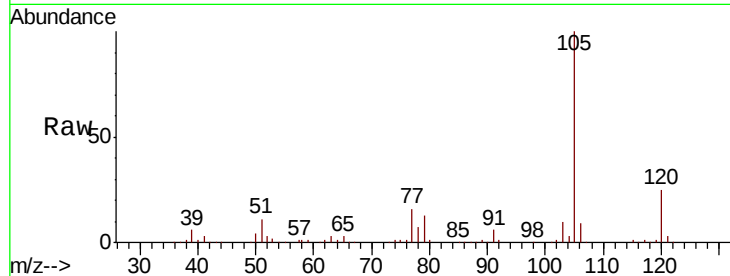
ICVVU092218

Tgt Ion: 105 Resp: 352756

Ion Ratio Lower Upper

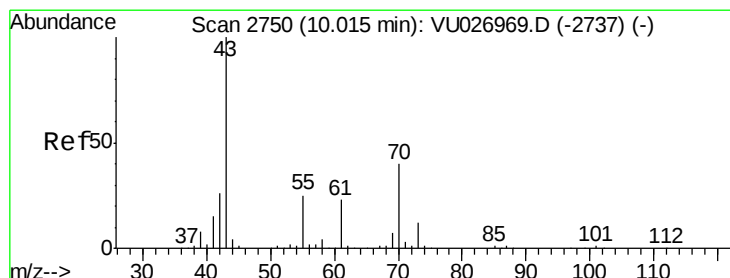
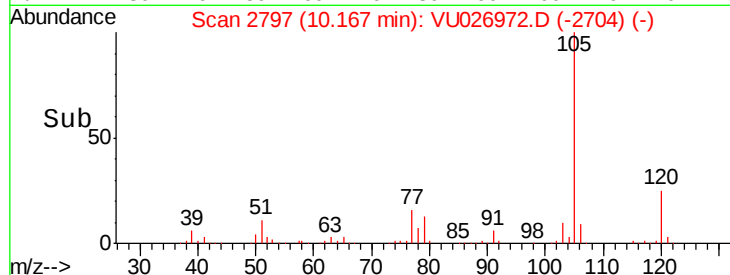
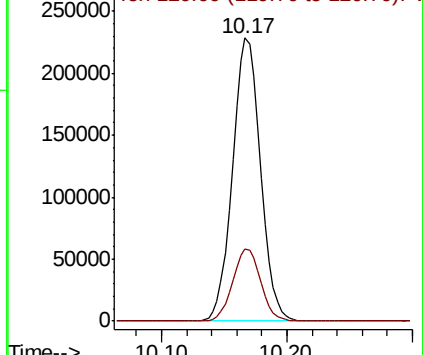
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.975 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Tgt Ion: 43 Resp: 196501

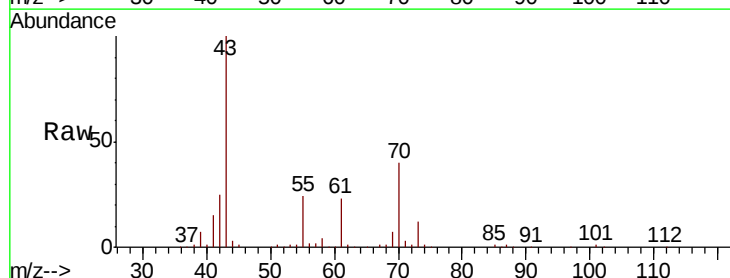
Ion Ratio Lower Upper

43 100

70 39.7 31.8 47.8

55 24.1 19.9 29.9

61 23.0 18.4 27.6

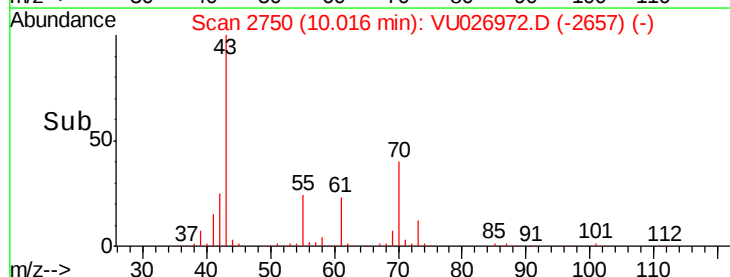
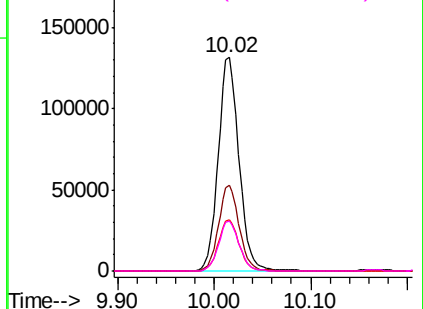


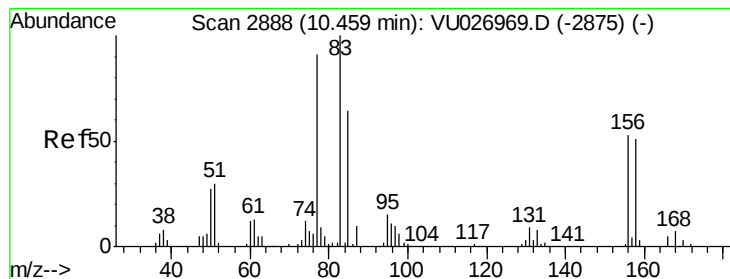
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.779 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092218

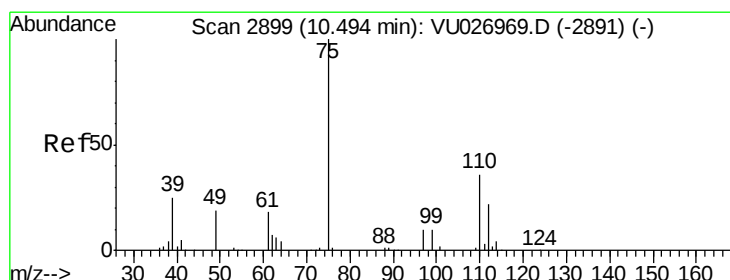
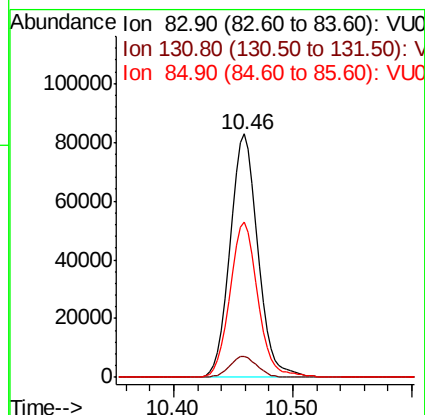
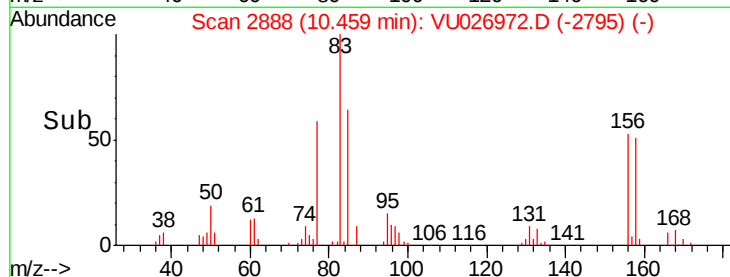
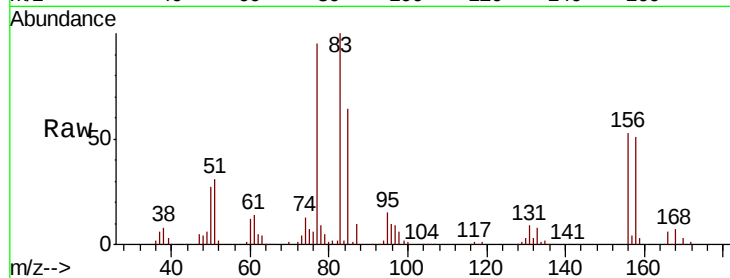
Tgt Ion: 83 Resp: 134046

Ion Ratio Lower Upper

83 100

131 8.3 4.3 12.8

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 61.175 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026972.D

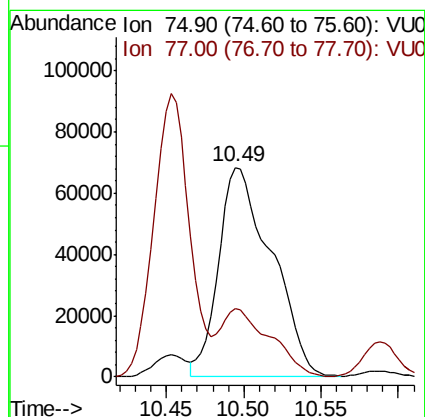
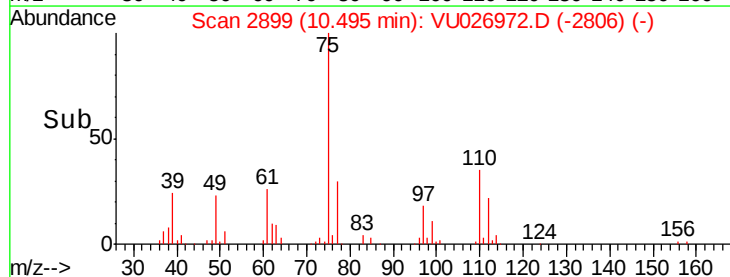
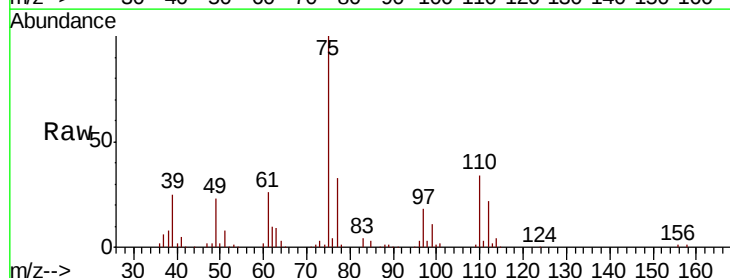
Acq: 21 Sep 2018 17:04

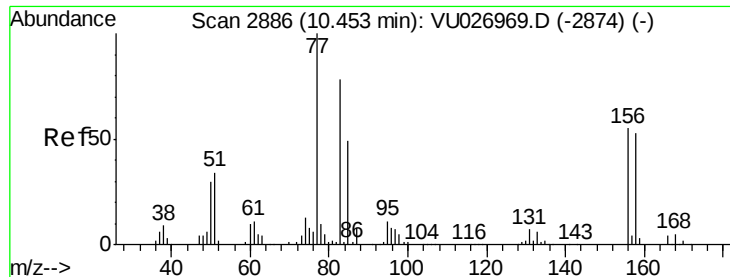
Tgt Ion: 75 Resp: 162703

Ion Ratio Lower Upper

75 100

77 29.5 20.9 62.8





#77

Bromobenzene

Concen: 49.399 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092218

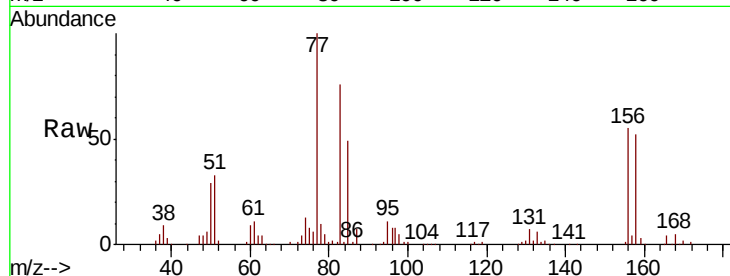
Tgt Ion:156 Resp: 80391

Ion Ratio Lower Upper

156 100

77 185.2 92.3 276.9

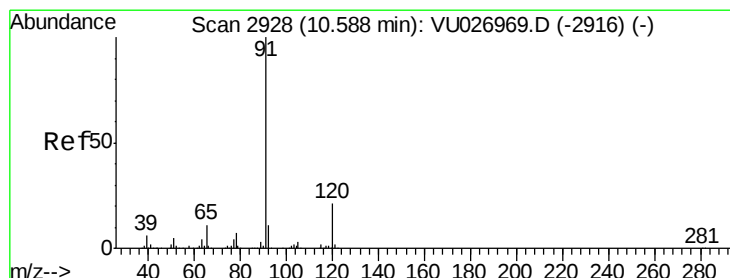
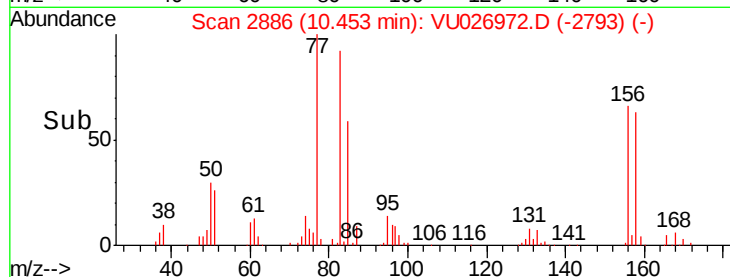
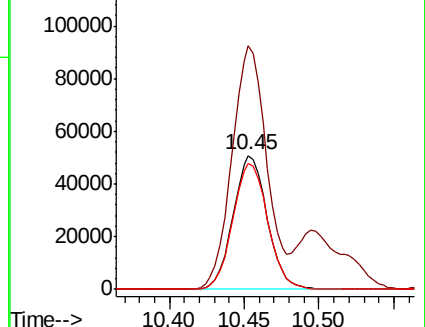
158 96.6 48.1 144.3



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: 54.721 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026972.D

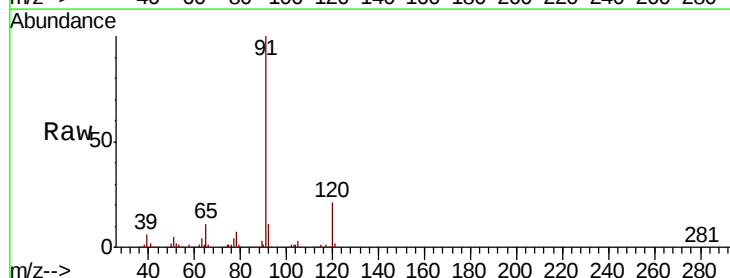
Acq: 21 Sep 2018 17:04

Tgt Ion: 91 Resp: 431191

Ion Ratio Lower Upper

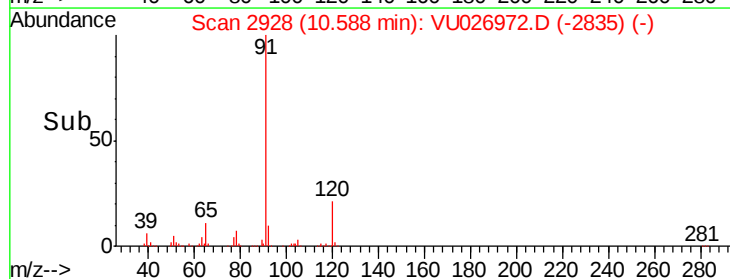
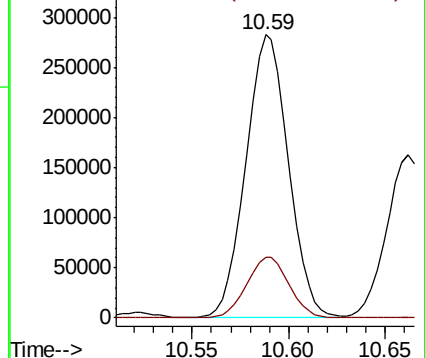
91 100

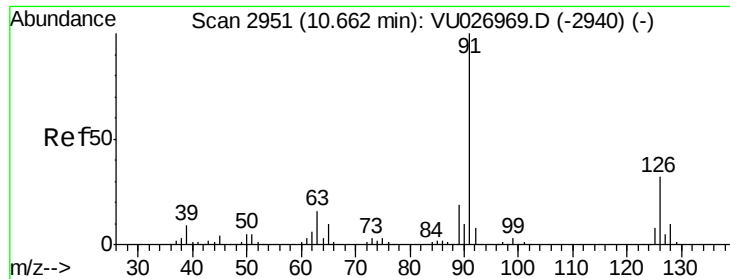
120 21.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

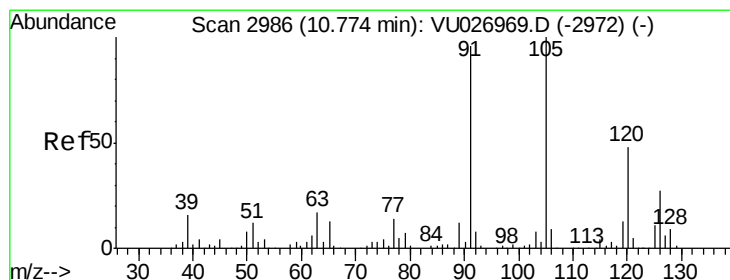
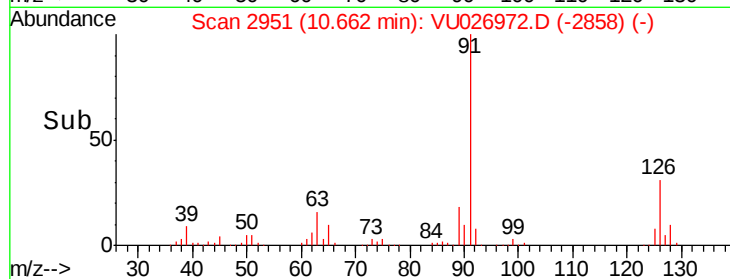
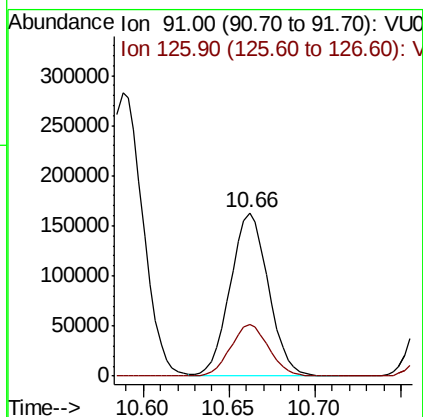
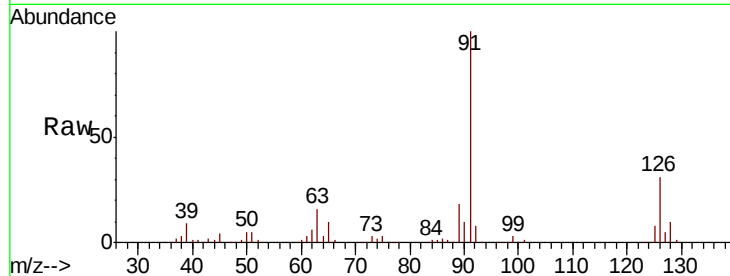




#79
 2-Chlorotoluene
 Concen: 50.595 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

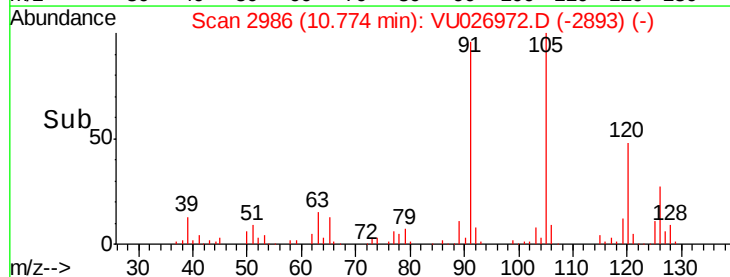
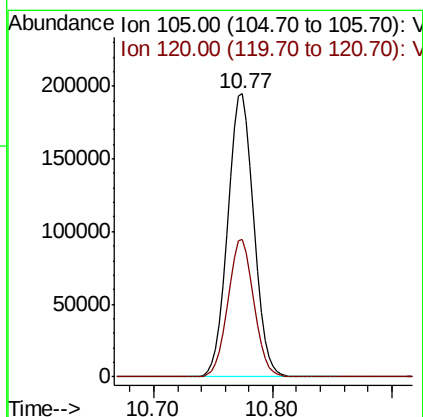
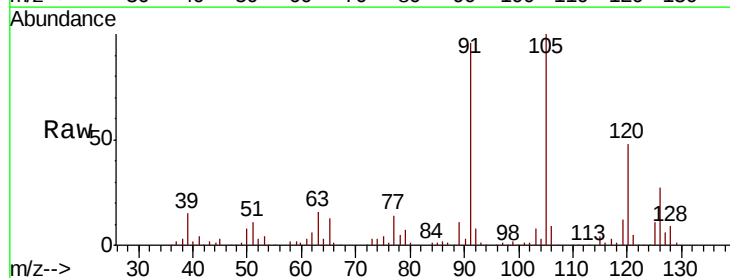
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092218

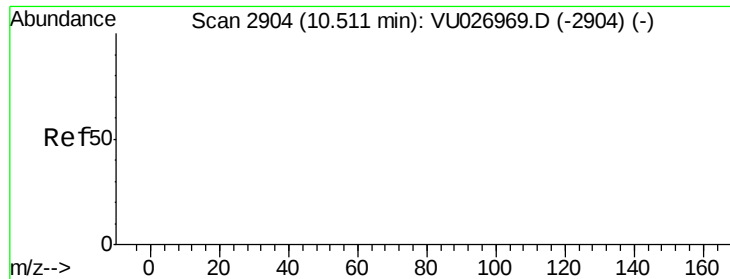
Tgt Ion: 91 Resp: 250424
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 53.771 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Tgt Ion: 105 Resp: 295598
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.9 71.7

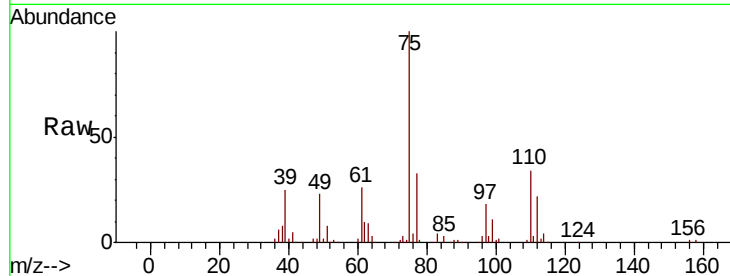




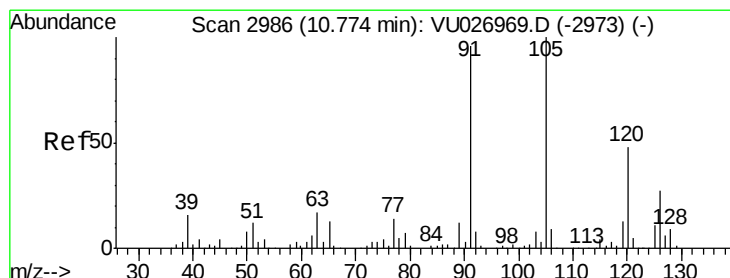
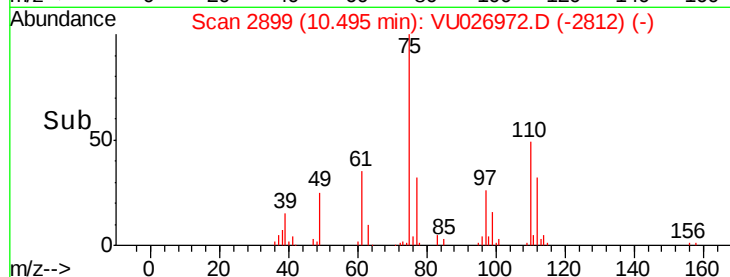
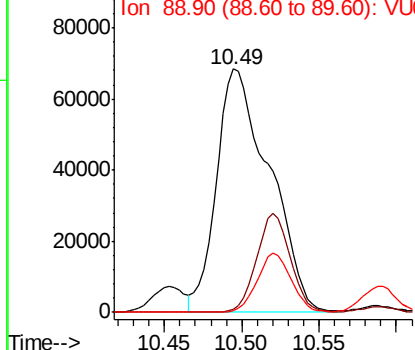
#81
trans-1,4-Dichloro-2-butene
Concen: 195.769 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion: 75 Resp: 162703
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

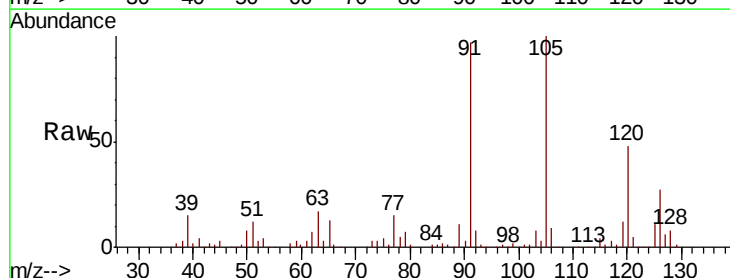


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

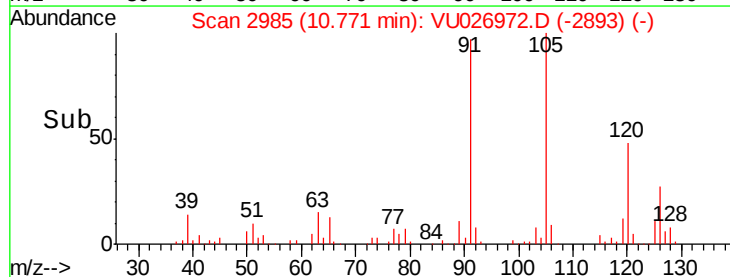
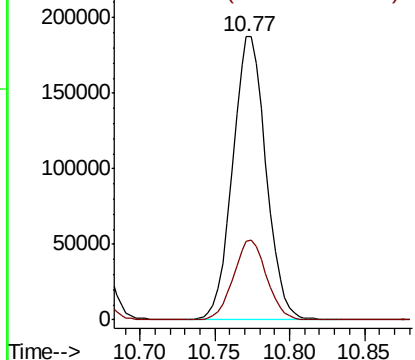


#82
4-Chlorotoluene
Concen: 52.184 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion: 91 Resp: 289614
Ion Ratio Lower Upper
91 100
126 28.2 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

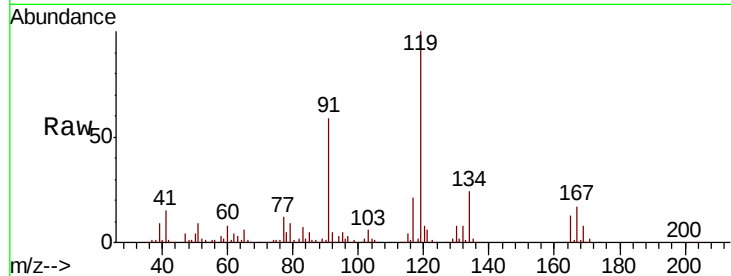




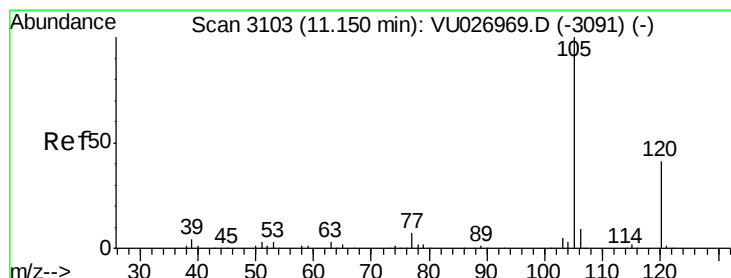
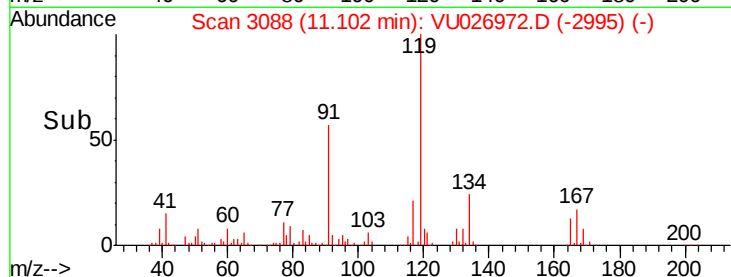
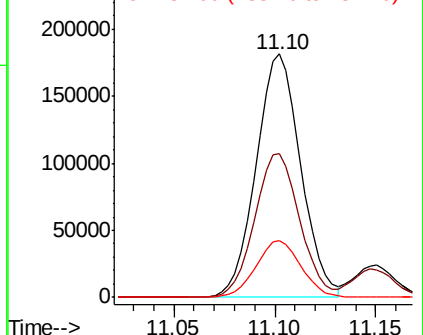
#83
tert-Butylbenzene
Concen: 51.504 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion:119 Resp: 279926
Ion Ratio Lower Upper
119 100
91 59.3 29.8 89.4
134 23.4 11.5 34.4

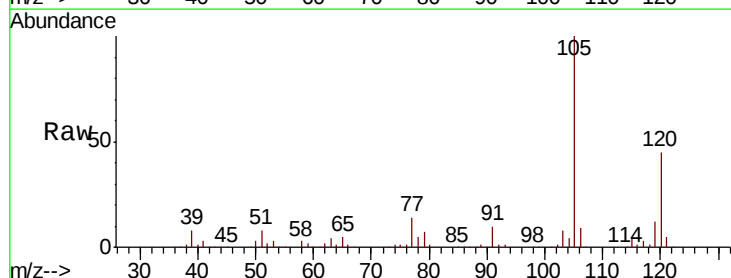


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

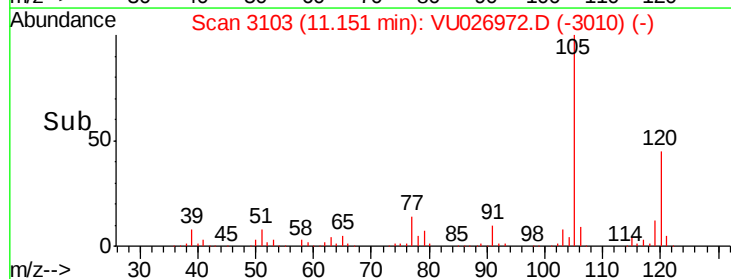
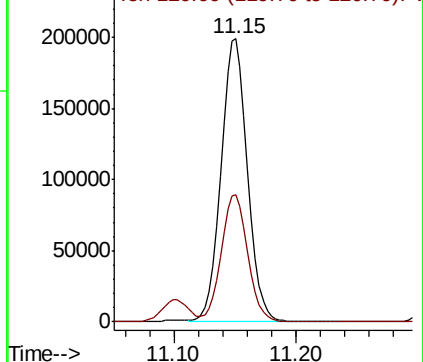


#84
1,2,4-Trimethylbenzene
Concen: 53.822 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion:105 Resp: 301111
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.2



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

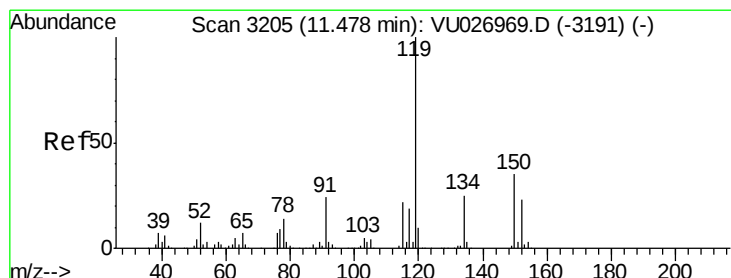
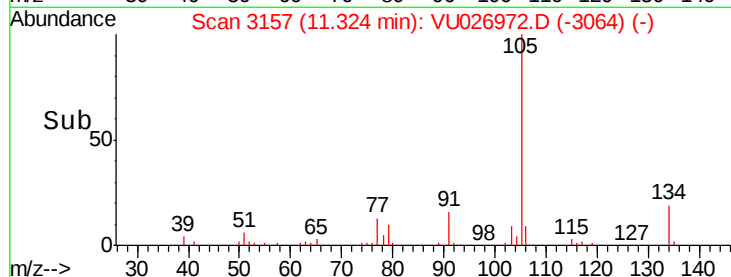
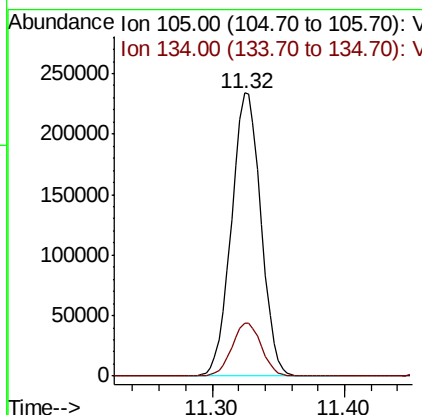
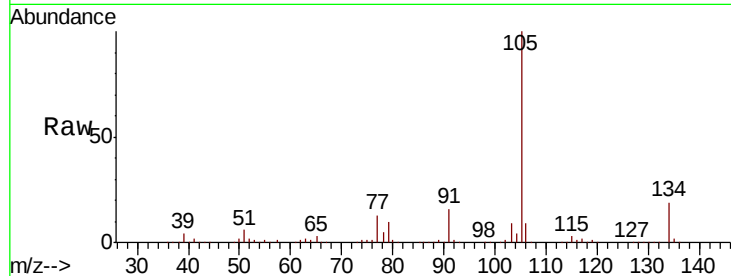




#85
 sec-Butylbenzene
 Concen: 54.388 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

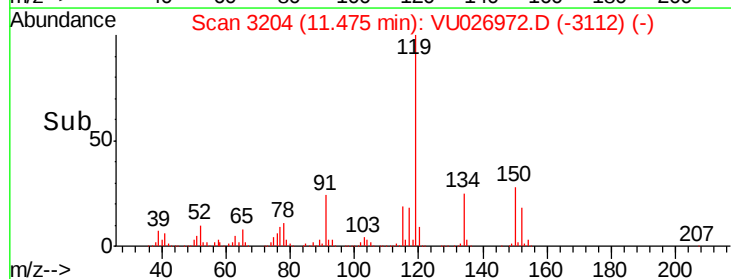
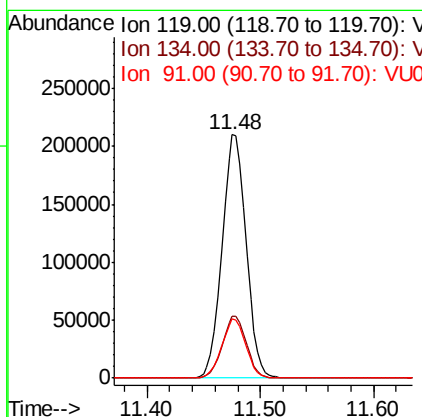
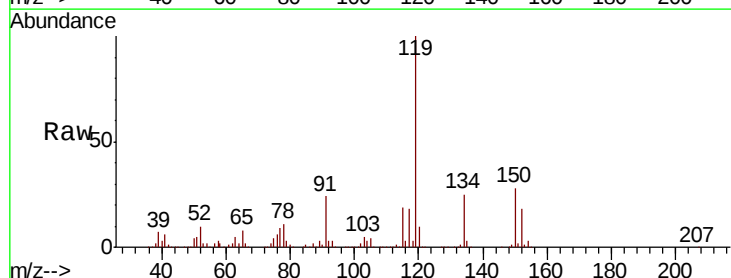
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092218

Tgt Ion:105 Resp: 360839
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 49.949 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Tgt Ion:119 Resp: 310944
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 24.3 12.3 36.8

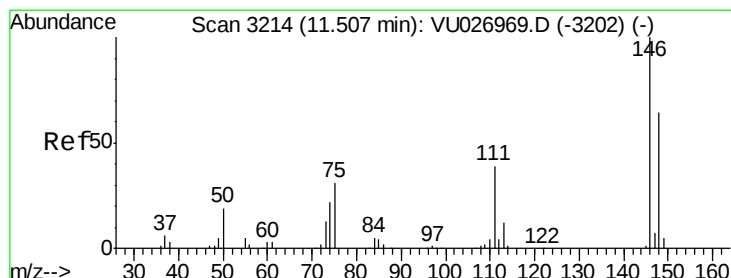
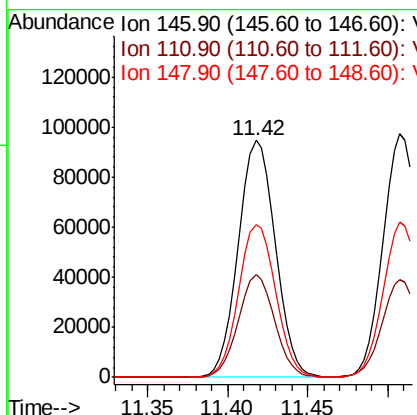
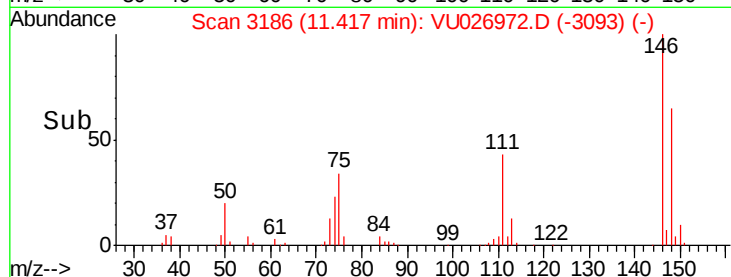
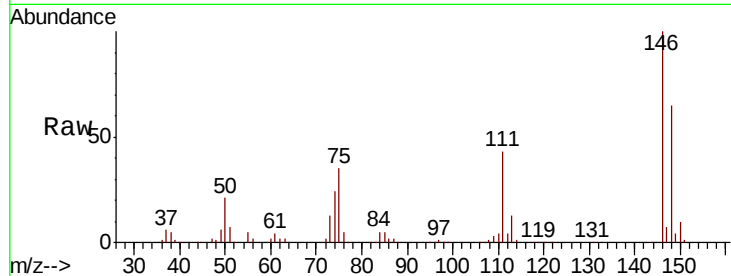




#87
 1,3-Dichlorobenzene
 Concen: 49.493 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

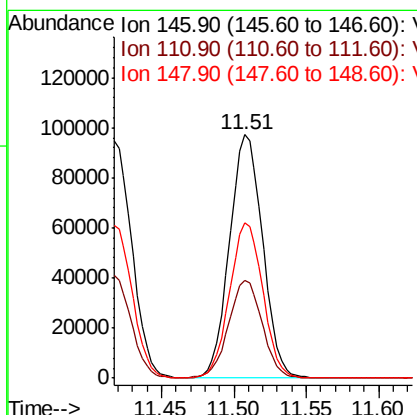
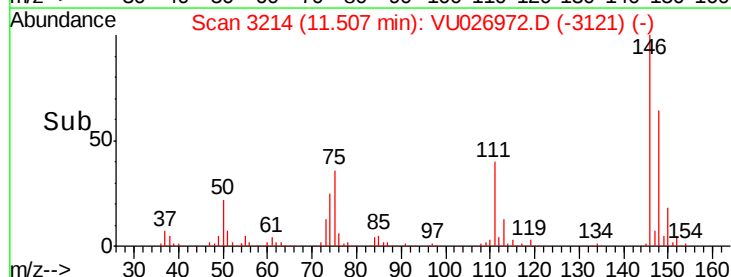
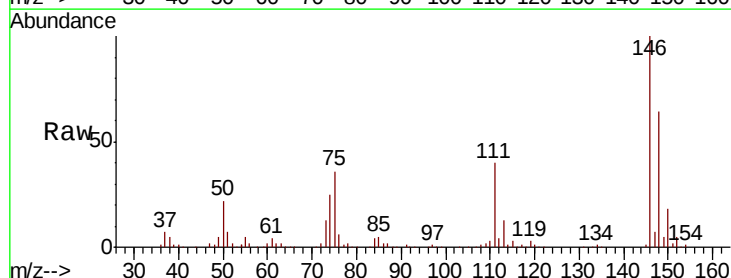
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092218

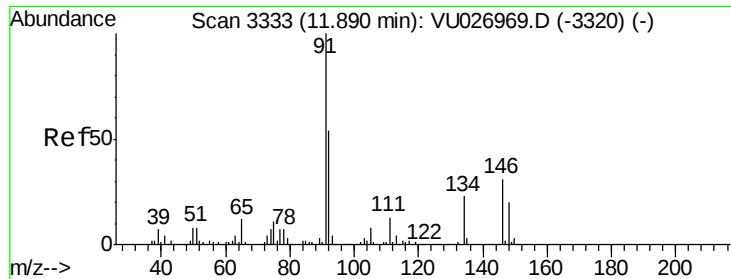
Tgt Ion:146 Resp: 149883
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.2
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.715 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Tgt Ion:146 Resp: 154187
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.9
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 49.292 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU026972.D

Acq: 21 Sep 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092218

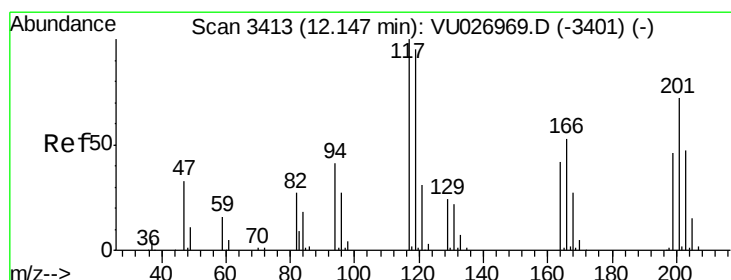
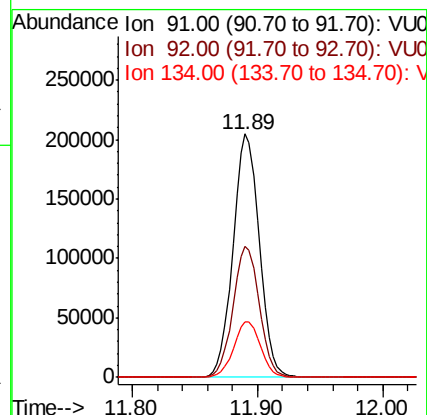
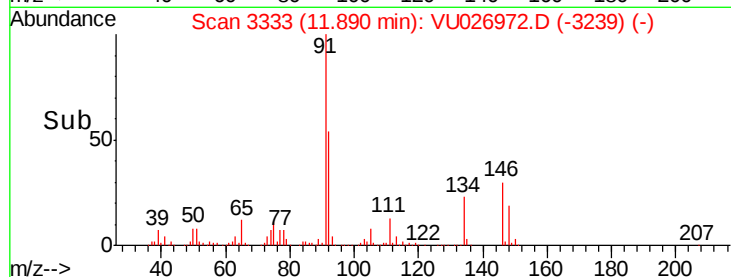
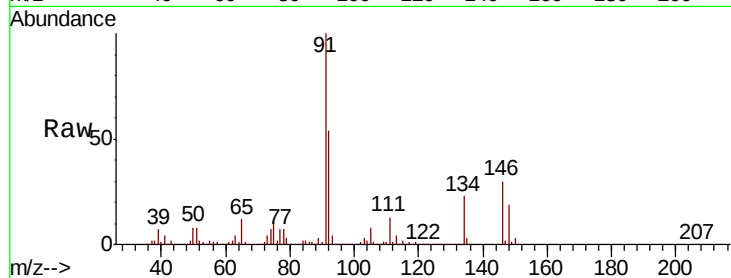
Tgt Ion: 91 Resp: 297251

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

134 23.3 11.7 35.0



#90

Hexachloroethane

Concen: 47.041 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU026972.D

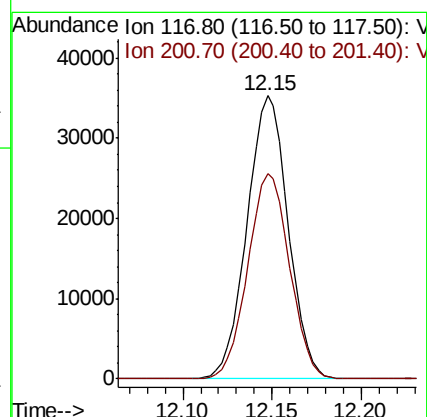
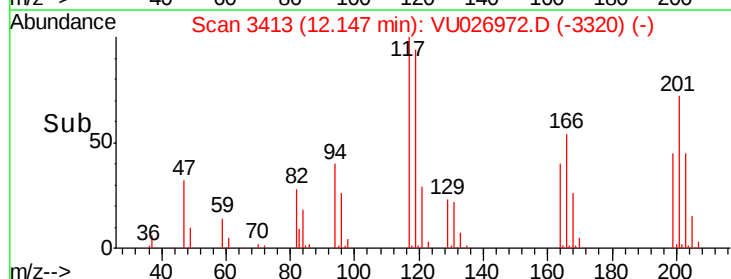
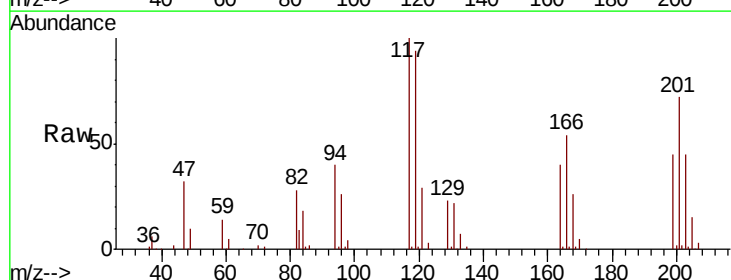
Acq: 21 Sep 2018 17:04

Tgt Ion: 117 Resp: 56753

Ion Ratio Lower Upper

117 100

201 73.6 36.8 110.3

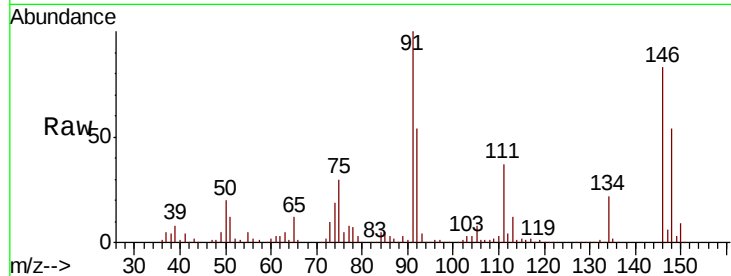




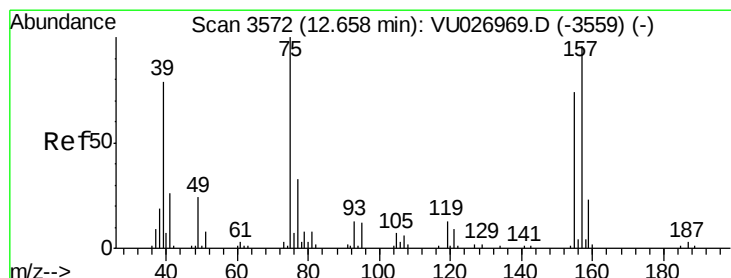
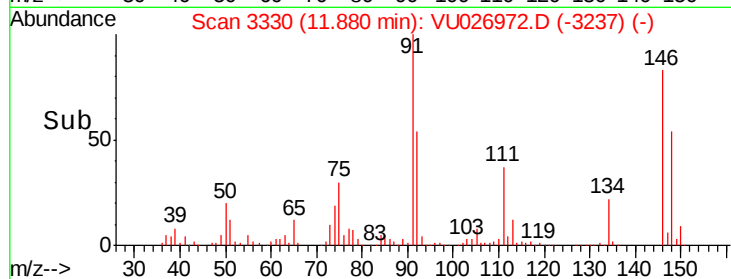
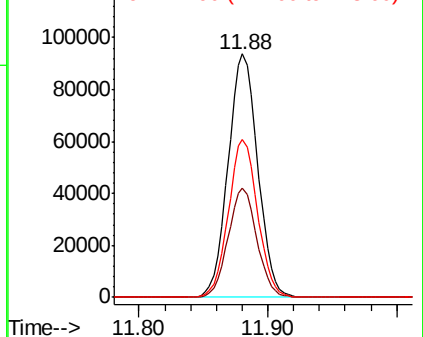
#91
 1,2-Dichlorobenzene
 Concen: 46.423 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092218

Tgt Ion: 146 Resp: 149338
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.8 65.3
 148 63.8 31.9 95.7

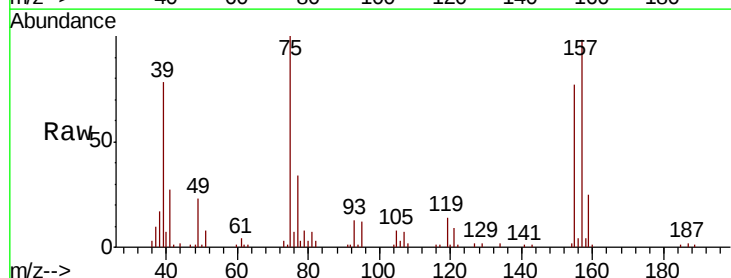


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

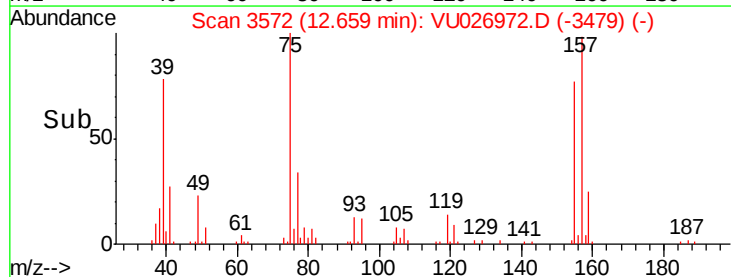
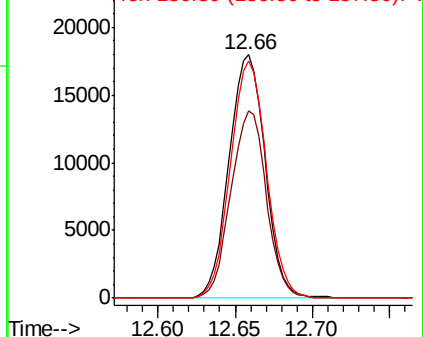


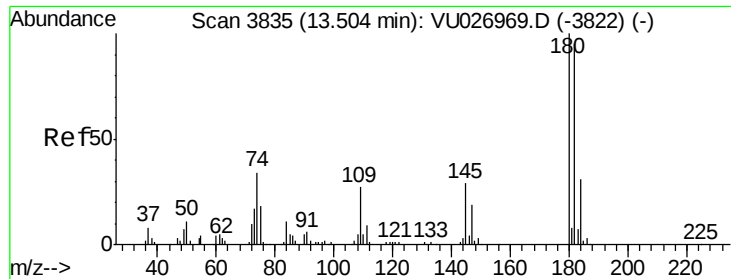
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.638 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Tgt Ion: 75 Resp: 29132
 Ion Ratio Lower Upper
 75 100
 155 75.5 36.6 109.8
 157 96.8 47.4 142.2



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

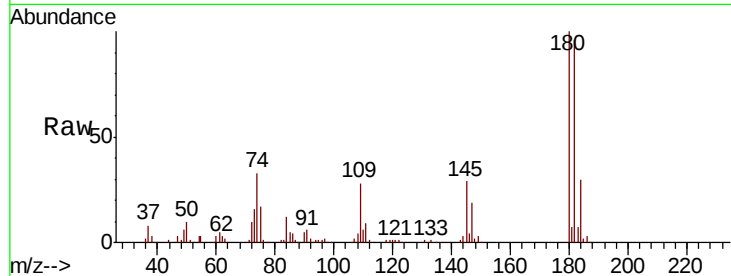




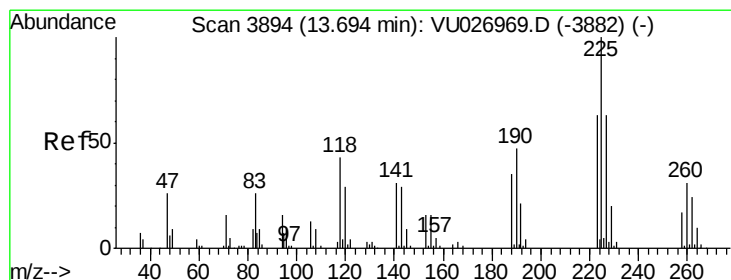
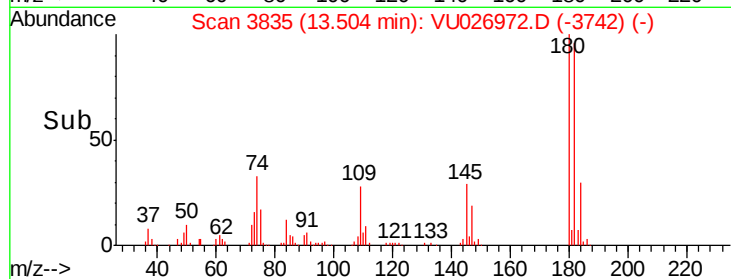
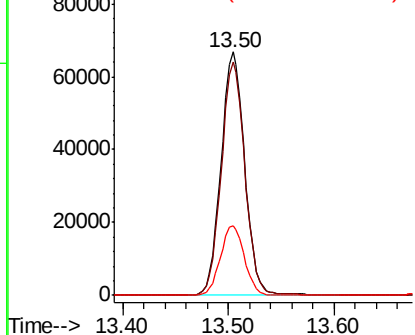
#93
 1,2,4-Trichlorobenzene
 Concen: 55.923 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092218

Tgt Ion:180 Resp: 103669
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.4 142.2
 145 29.0 14.9 44.5

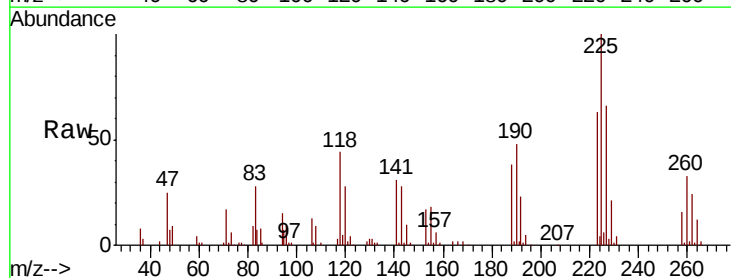


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

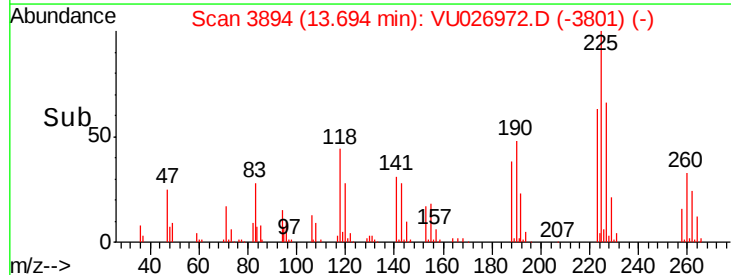
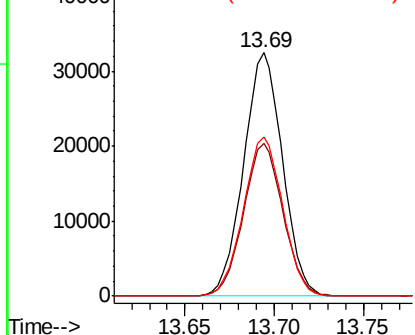


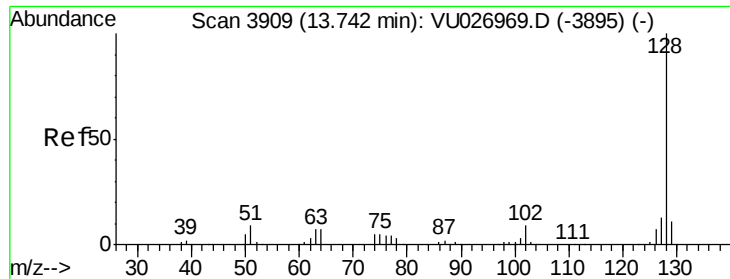
#94
 Hexachlorobutadiene
 Concen: 50.602 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026972.D
 Acq: 21 Sep 2018 17:04

Tgt Ion:225 Resp: 49634
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.7
 227 66.2 32.1 96.5



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

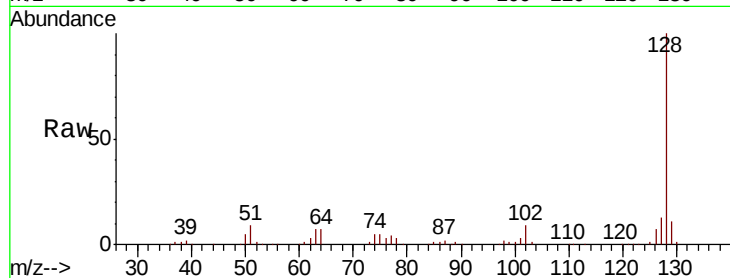




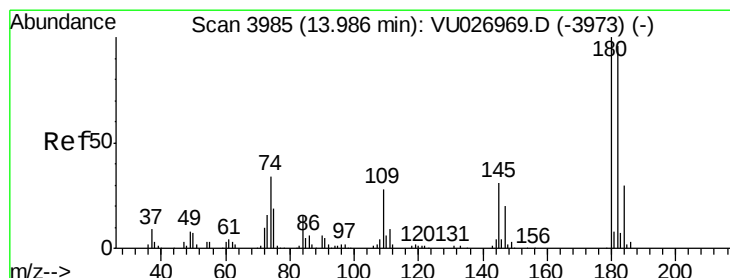
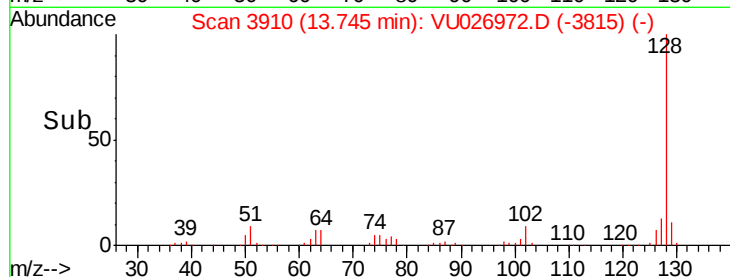
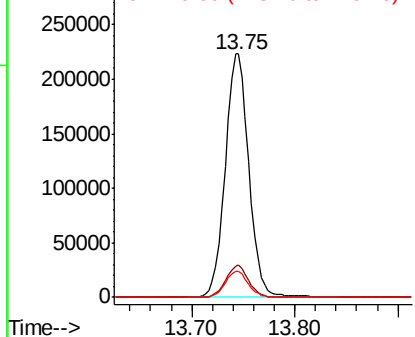
#95
Naphthalene
Concen: 49.069 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092218

Tgt Ion:128 Resp: 355419
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.6 8.6 12.8

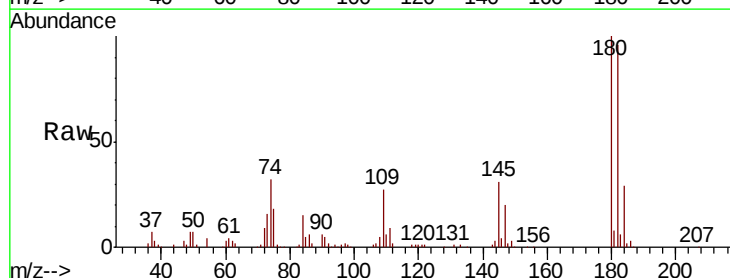


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 54.247 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026972.D
Acq: 21 Sep 2018 17:04

Tgt Ion:180 Resp: 107843
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 31.0 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

