

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112918\
 Data File : VU028390.D
 Acq On : 29 Nov 2018 13:51
 Operator : MD/SY
 Sample : VU1129WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 30 07:02:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	249281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	450338	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	423472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	200976	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	209484	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
35) Dibromofluoromethane	4.88	113	146782	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
50) Toluene-d8	7.56	98	578739	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	10.30	95	215672	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	65841	19.689	ug/l	95
3) Chloromethane	1.33	50	118914	18.346	ug/l	99
4) Vinyl Chloride	1.40	62	88765	19.573	ug/l	99
5) Bromomethane	1.63	94	31255	17.819	ug/l	98
6) Chloroethane	1.70	64	52213	20.008	ug/l	96
7) Trichlorofluoromethane	1.89	101	94768	20.117	ug/l	99
8) Diethyl Ether	2.10	74	43465	19.848	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	55662	20.284	ug/l	100
10) Methyl Iodide	2.41	142	48377	18.694	ug/l	99
11) Tert butyl alcohol	2.82	59	87168	92.099	ug/l	99
12) 1,1-Dichloroethene	2.29	96	53502	20.090	ug/l	97
13) Acrolein	2.20	56	73983	87.926	ug/l	100
14) Allyl chloride	2.59	41	134458	19.325	ug/l	96
15) Acrylonitrile	2.94	53	254715	101.740	ug/l	100
16) Acetone	2.32	43	213426	83.745	ug/l	98
17) Carbon Disulfide	2.48	76	187457	18.339	ug/l	98
18) Methyl Acetate	2.62	43	140355	19.780	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	216417	19.822	ug/l	99
20) Methylene Chloride	2.70	84	70683	19.619	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	60992	19.748	ug/l	97
22) Diisopropyl ether	3.57	45	272669	19.905	ug/l	96
23) Vinyl Acetate	3.52	43	1135146	99.694	ug/l	100
24) 1,1-Dichloroethane	3.45	63	135553	20.071	ug/l	99
25) 2-Butanone	4.26	43	352422	96.490	ug/l	99
26) 2,2-Dichloropropane	4.23	77	99935	18.631	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	71545	19.588	ug/l	98
28) Bromochloromethane	4.55	49	69107	20.464	ug/l	99
29) Tetrahydrofuran	4.64	42	240008	101.210	ug/l	100
30) Chloroform	4.67	83	121382	19.471	ug/l	94
31) Cyclohexane	5.00	56	139320	19.862	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	101839	20.359	ug/l	100
36) 1,1-Dichloropropene	5.14	75	95505	19.380	ug/l	100
37) Ethyl Acetate	4.38	43	134677	20.054	ug/l	98
38) Carbon Tetrachloride	5.13	117	76748	18.965	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	110828	19.075	ug/l	99
40) Benzene	5.39	78	287842	19.721	ug/l	99
41) Methacrylonitrile	4.54	41	75801	20.325	ug/l	98
42) 1,2-Dichloroethane	5.40	62	103090	19.606	ug/l	99
43) Isopropyl Acetate	5.55	43	213685	20.079	ug/l	99
44) Trichloroethene	6.19	130	61180	19.555	ug/l	99
45) 1,2-Dichloropropane	6.43	63	85668	20.043	ug/l	99
46) Dibromomethane	6.56	93	48636	19.810	ug/l	99
47) Bromodichloromethane	6.76	83	93126	19.070	ug/l	97
48) Methyl methacrylate	6.62	41	107618	19.413	ug/l	99
49) 1,4-Dioxane	6.61	88	30215	341.188	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	667988	98.278	ug/l	99
52) Toluene	7.64	92	164174	19.533	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	110721	18.961	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	118233	18.900	ug/l	96
55) 1,1,2-Trichloroethane	8.06	97	67112	19.186	ug/l	99
56) Ethyl methacrylate	8.02	69	115716	19.445	ug/l	97
57) 1,3-Dichloropropane	8.24	76	123230	19.210	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	302598	94.713	ug/l	100
59) 2-Hexanone	8.36	43	502685	95.478	ug/l	100
60) Dibromochloromethane	8.48	129	63876	19.200	ug/l	95
61) 1,2-Dibromoethane	8.58	107	73307	20.462	ug/l	99
64) Tetrachloroethene	8.22	164	51885	18.626	ug/l	97
65) Chlorobenzene	9.12	112	168469	19.159	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	56140	18.626	ug/l	99
67) Ethyl Benzene	9.25	91	319668	19.302	ug/l	100
68) m/p-Xylenes	9.38	106	230393	38.651	ug/l	99
69) o-Xylene	9.78	106	111304	18.783	ug/l	98
70) Styrene	9.79	104	187440	19.613	ug/l	99
71) Bromoform	9.96	173	48135	19.000	ug/l #	98
73) Isopropylbenzene	10.16	105	298957	19.126	ug/l	99
74) N-amyl acetate	10.01	43	183146	18.701	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	122201	19.011	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	140851	25.273	ug/l	79
77) Bromobenzene	10.45	156	69144	18.773	ug/l	99
78) n-propylbenzene	10.58	91	372823	19.335	ug/l	100
79) 2-Chlorotoluene	10.66	91	217227	19.110	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	249341	18.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	140851	67.086	ug/l #	100
82) 4-Chlorotoluene	10.77	91	248706	18.990	ug/l	100
83) tert-Butylbenzene	11.10	119	240382	19.577	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	255240	19.131	ug/l	100
85) sec-Butylbenzene	11.32	105	307339	19.271	ug/l	98
86) p-Isopropyltoluene	11.48	119	255373	19.474	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	126411	18.818	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	128313	18.979	ug/l	98
89) n-Butylbenzene	11.89	91	257085	19.864	ug/l	100
90) Hexachloroethane	12.14	117	35208	17.197	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	126526	18.878	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	25126	17.573	ug/l	100

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Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

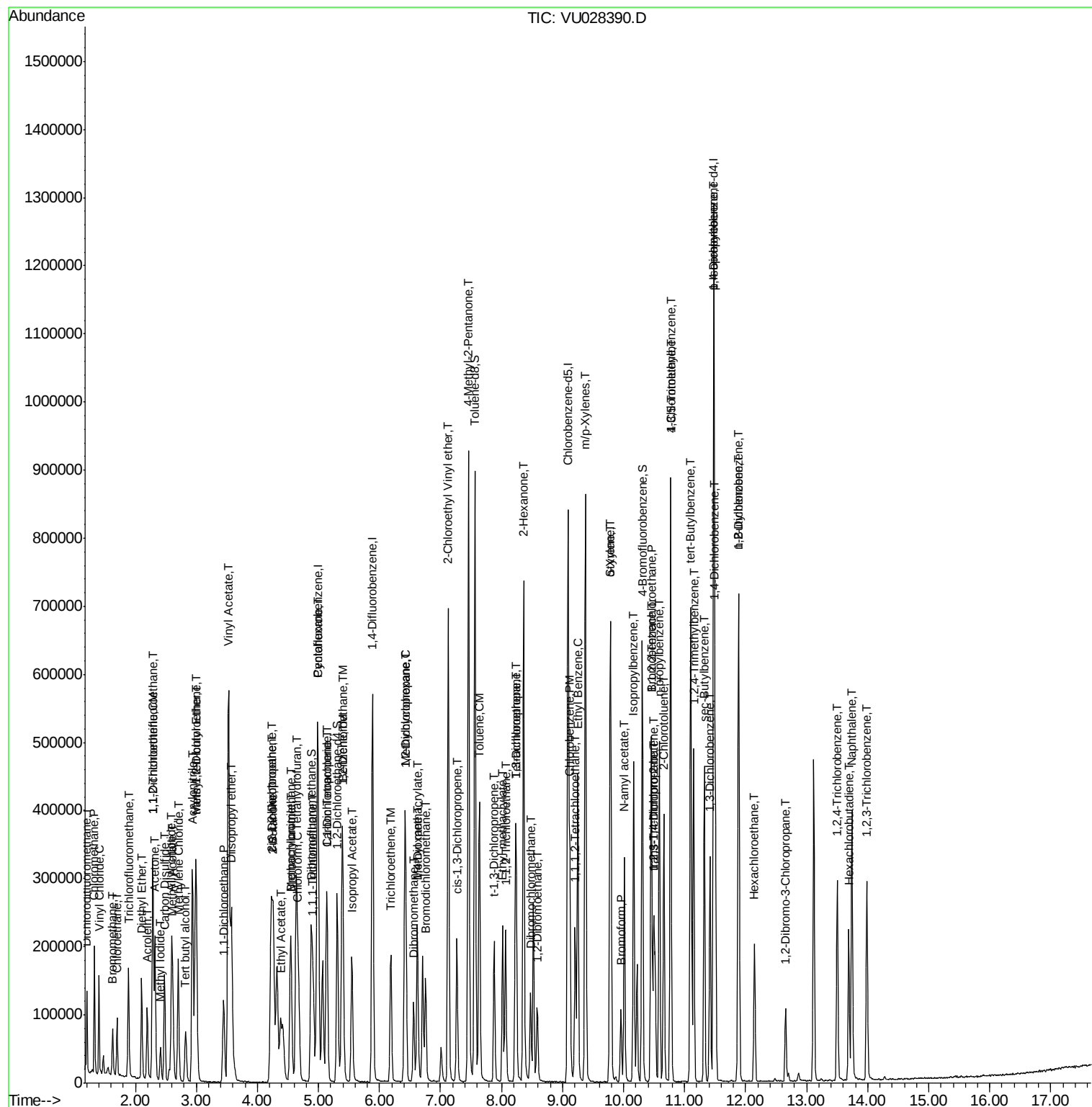
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	85817	19.561	ug/l	98
94) Hexachlorobutadiene	13.69	225	38947	18.801	ug/l	99
95) Naphthalene	13.74	128	301029	19.623	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	88315	19.904	ug/l	97

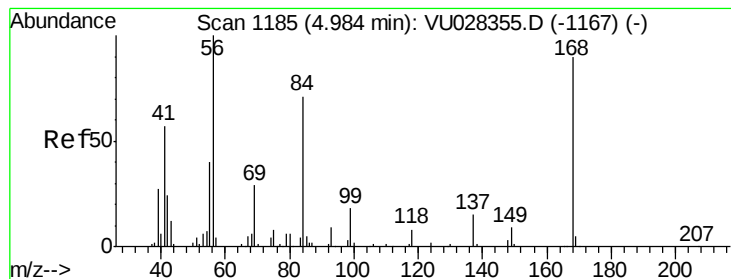
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampled :

Quant Time: Nov 30 07:02:11 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

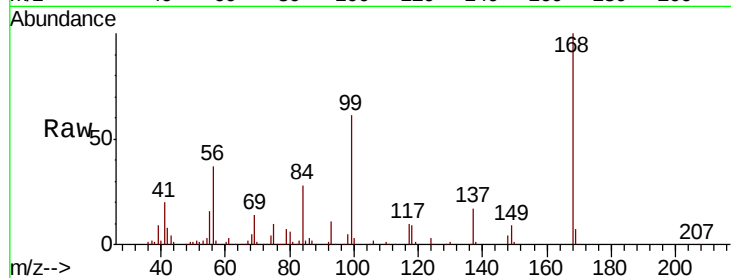
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 249281

Ion Ratio Lower Upper

168 100

99 60.4 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028390.D (-1092) (-)

4.98

120000

100000

80000

60000

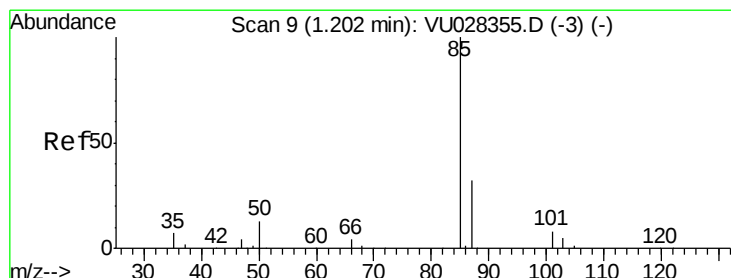
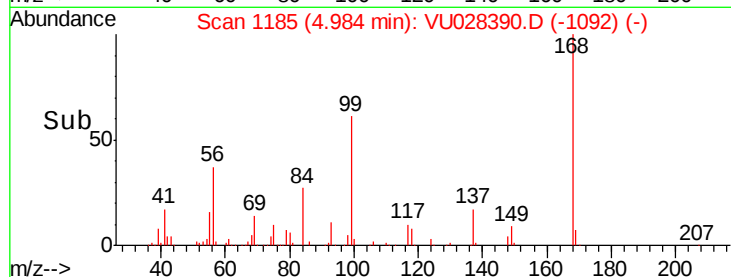
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.689 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028390.D

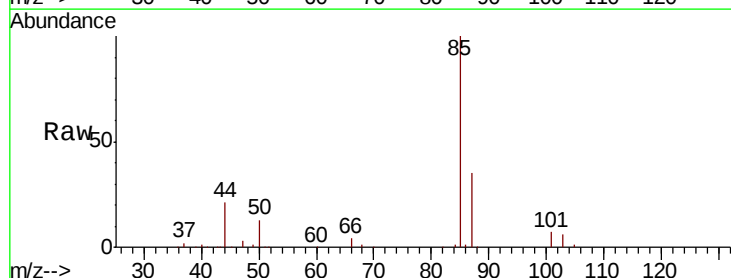
Acq: 29 Nov 2018 13:51

Tgt Ion: 85 Resp: 65841

Ion Ratio Lower Upper

85 100

87 34.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VU028355.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028390.D (-1) (-)

1.21

80000

60000

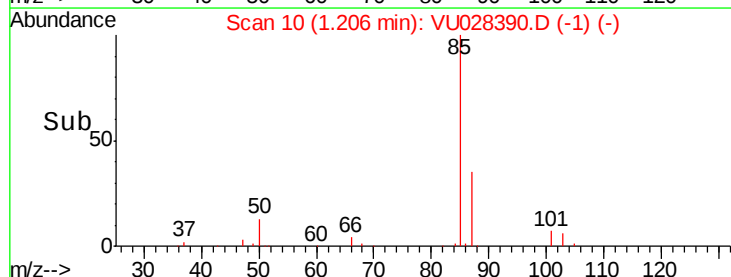
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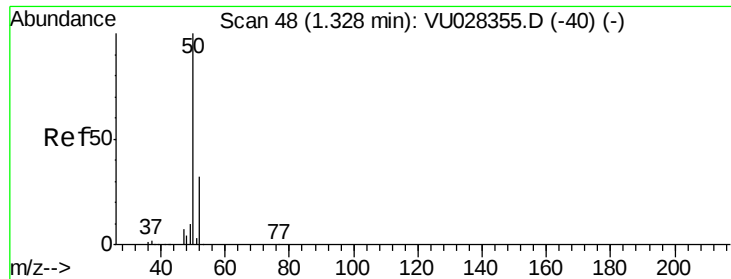
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.346 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

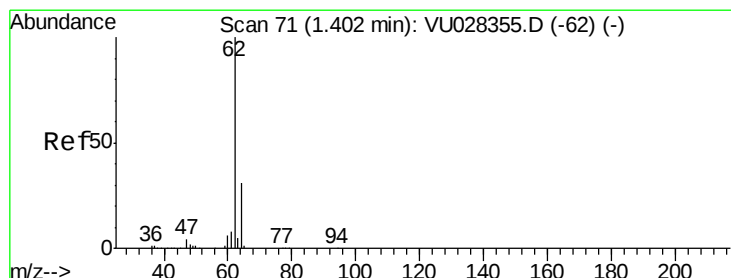
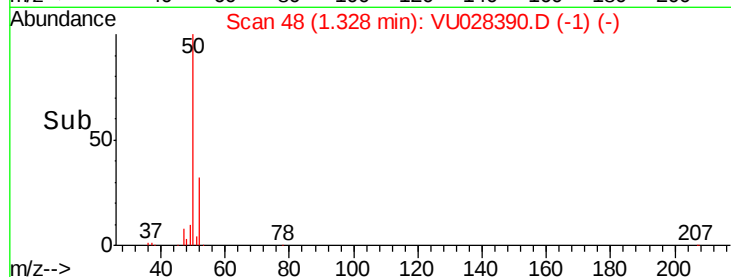
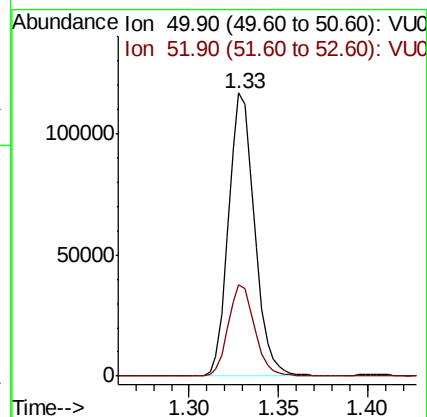
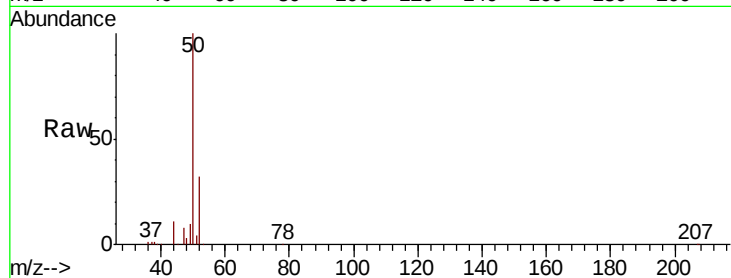
ClientSampleId :

Tot Ion: 50 Resp: 118914

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 19.573 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028390.D

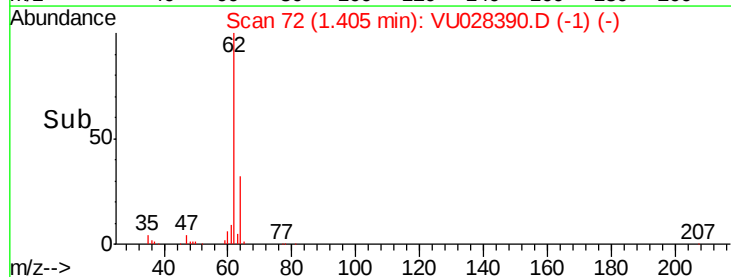
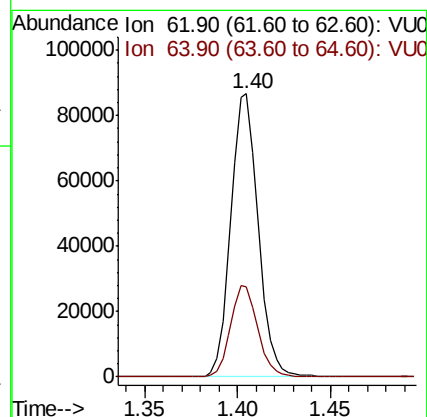
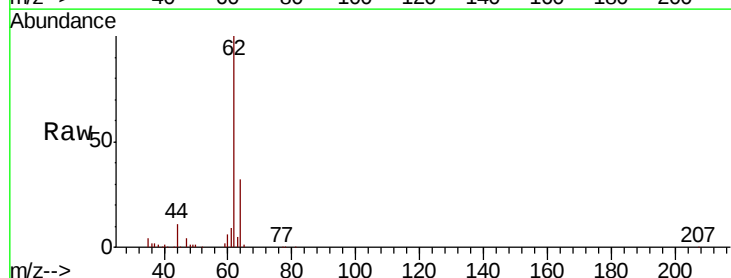
Acq: 29 Nov 2018 13:51

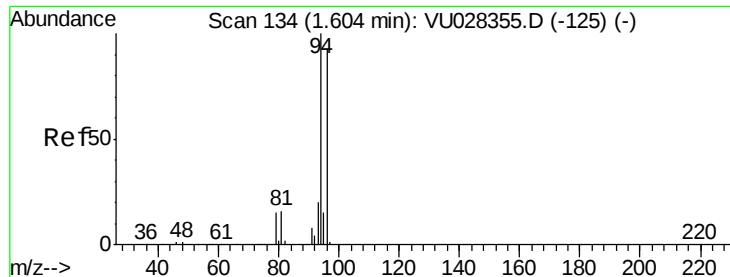
Tgt Ion: 62 Resp: 88765

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.4





#5

Bromomethane

Concen: 17.819 ug/l

RT: 1.63 min Scan# 141

Delta R.T. 0.02 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

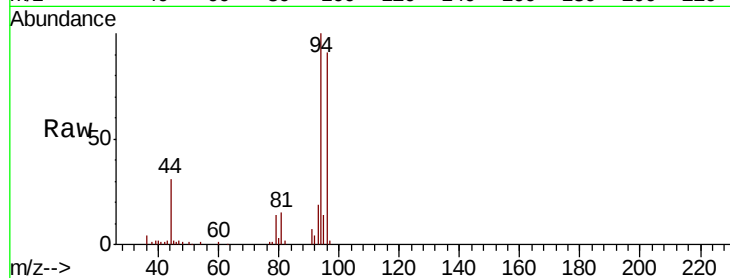
ClientSampled :

Tot Ion: 94 Resp: 31255

Ion Ratio Lower Upper

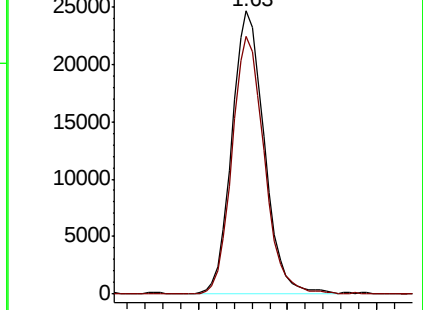
94 100

96 91.1 74.6 112.0

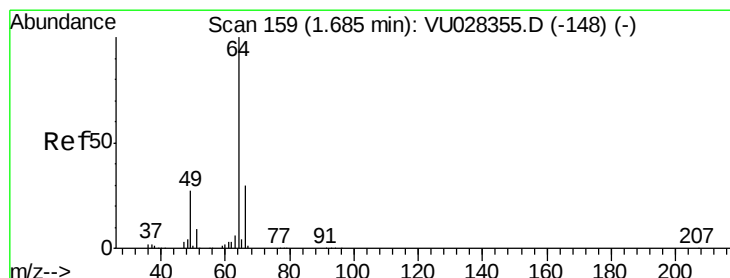
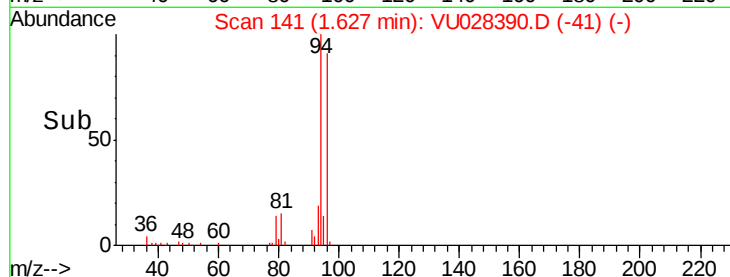


Abundance Ion 93.90 (93.60 to 94.60): VU028355.D (-125) (-)

Ion 95.90 (95.60 to 96.60): VU028390.D (-66) (-)



Time-->



#6

Chloroethane

Concen: 20.008 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.02 min

Lab File: VU028390.D

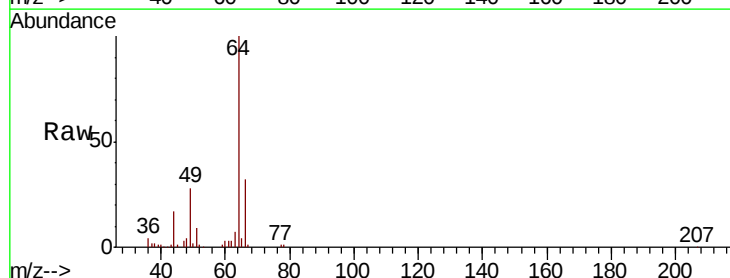
Acq: 29 Nov 2018 13:51

Tgt Ion: 64 Resp: 52213

Ion Ratio Lower Upper

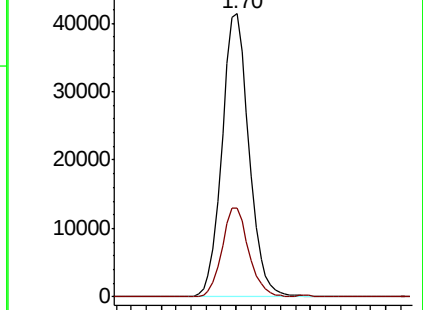
64 100

66 31.6 23.6 35.4

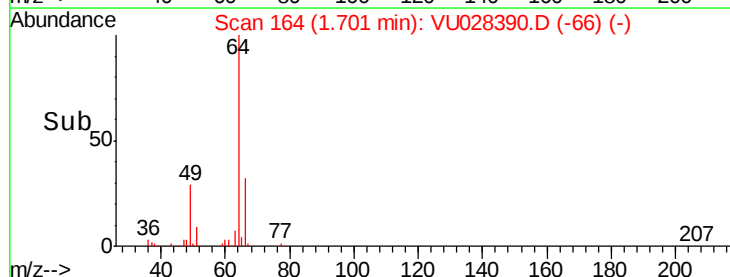


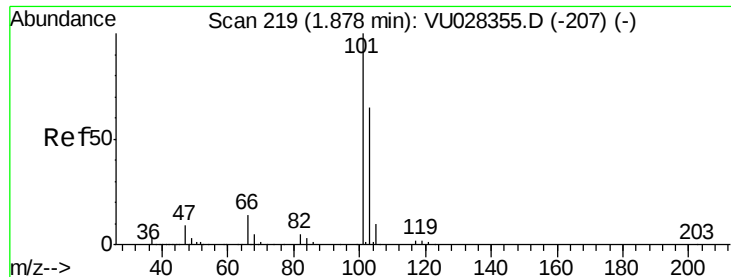
Abundance Ion 63.90 (63.60 to 64.60): VU028355.D (-148) (-)

Ion 65.90 (65.60 to 66.60): VU028390.D (-66) (-)



Time-->



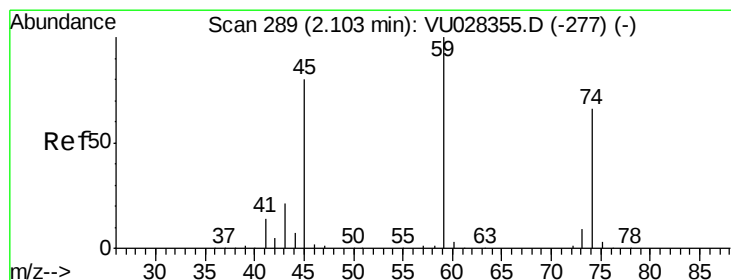
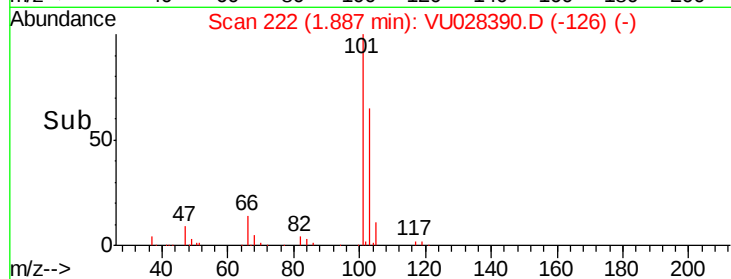
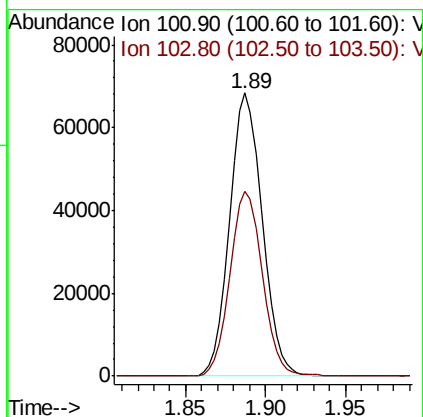
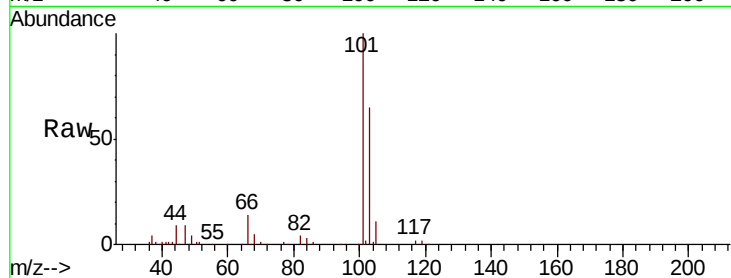


#7

Trichlorofluoromethane
 Concen: 20.117 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

Instrument :
 MSVOA_U
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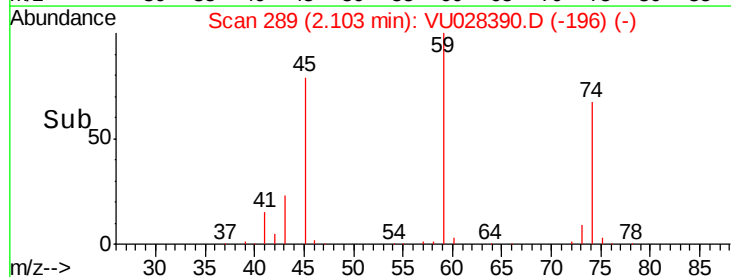
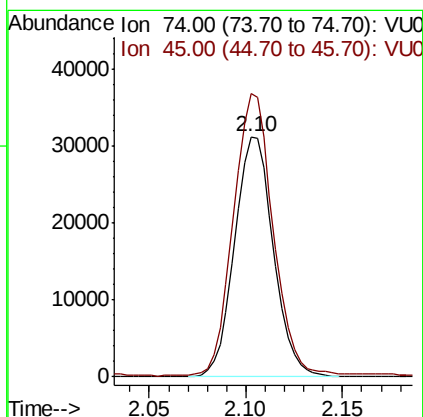
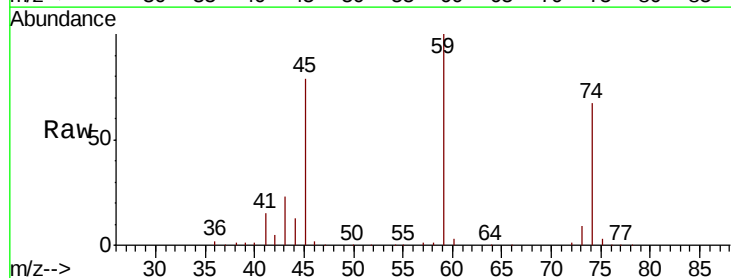
Tot Ion:101 Resp: 94768
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.6 77.4

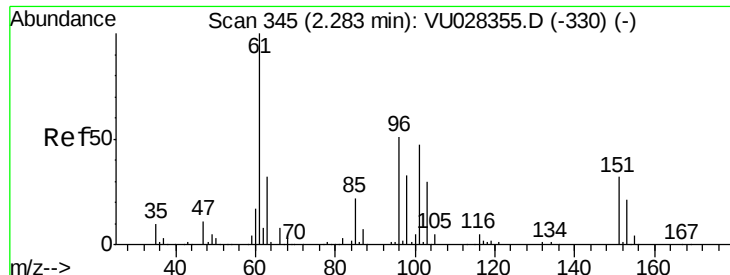


#8

Diethyl Ether
 Concen: 19.848 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

Tgt Ion: 74 Resp: 43465
 Ion Ratio Lower Upper
 74 100
 45 120.0 63.0 189.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.284 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.01 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

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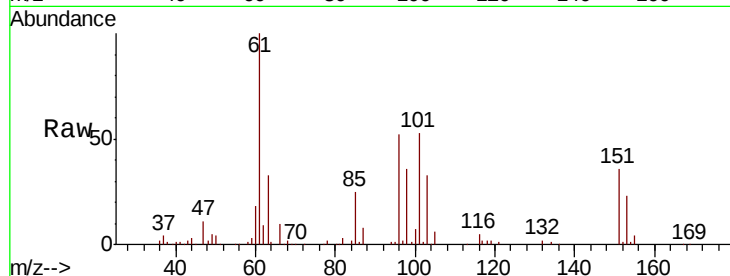
Tot Ion:101 Resp: 55662

Ion Ratio Lower Upper

101 100

85 46.4 37.2 55.8

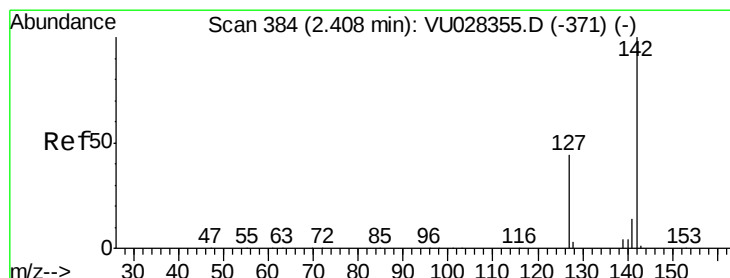
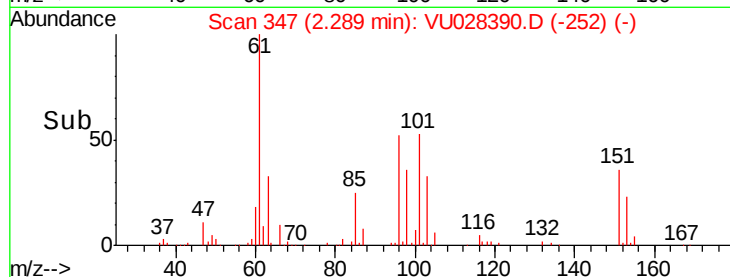
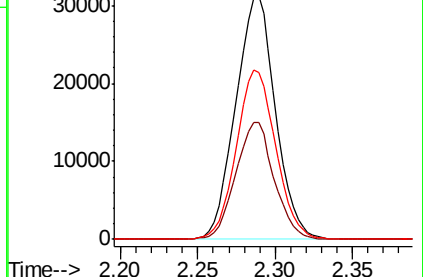
151 68.9 55.4 83.0



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: 18.694 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

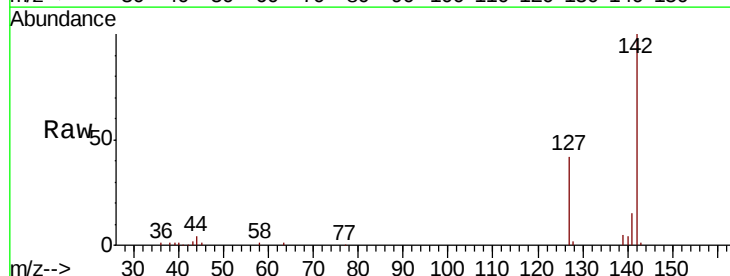
Tgt Ion:142 Resp: 48377

Ion Ratio Lower Upper

142 100

127 43.4 35.0 52.6

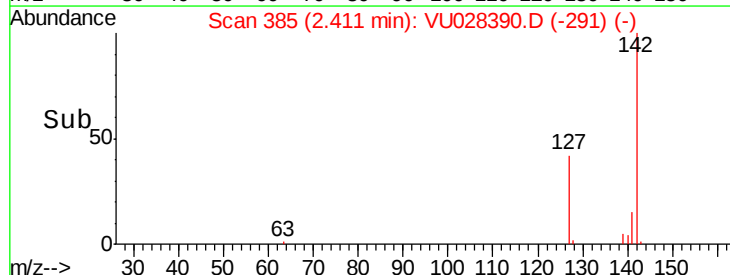
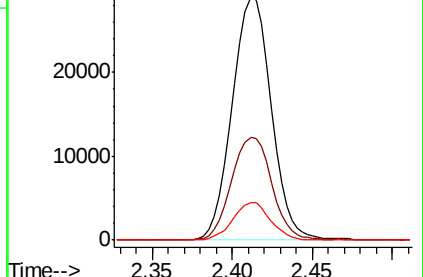
141 14.8 11.2 16.8

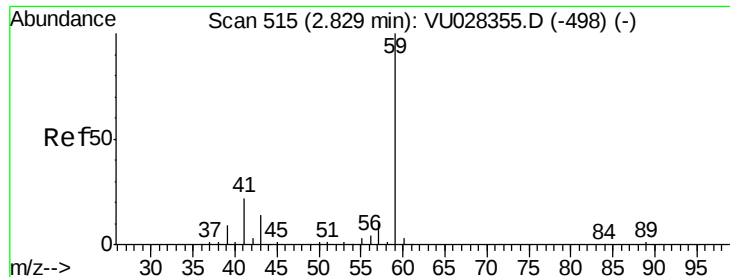


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

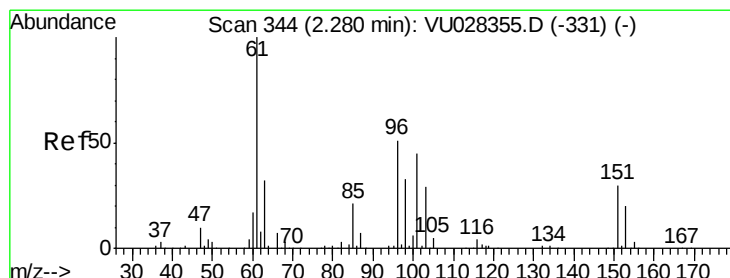
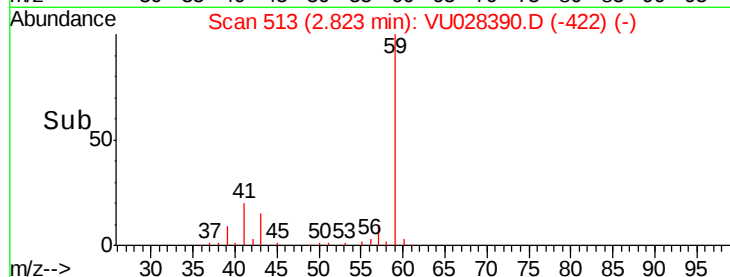
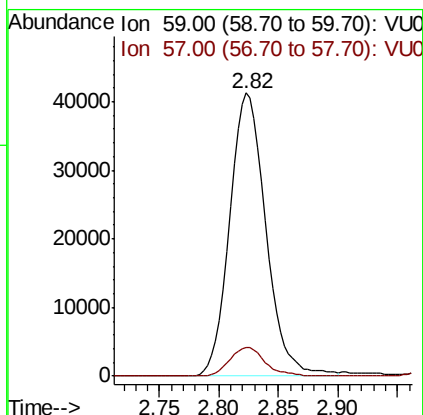
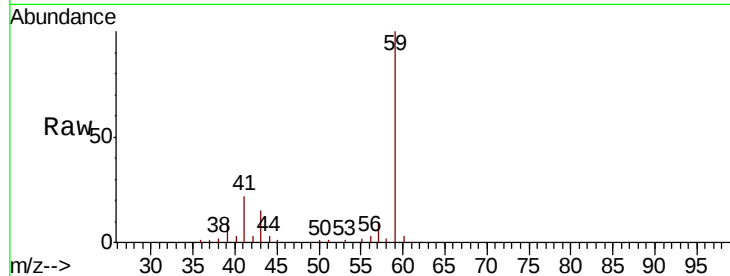




#11
Tert butyl alcohol
Concen: 92.099 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.01 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

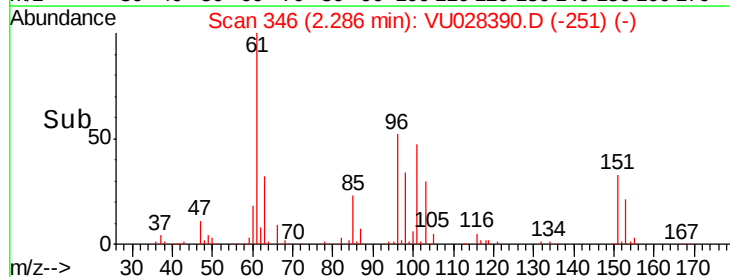
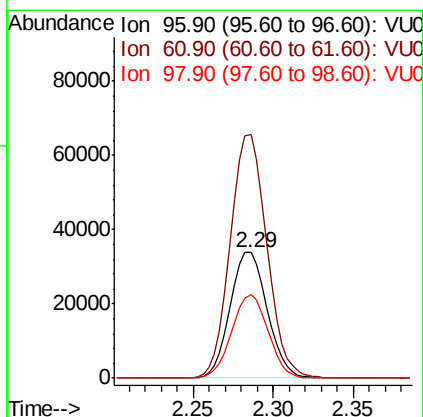
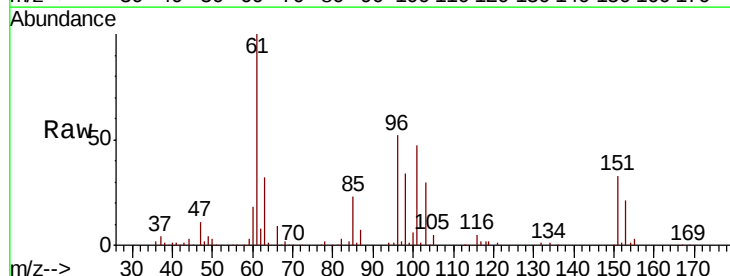
Instrument :
MSVOA_U
ClientSampleId :

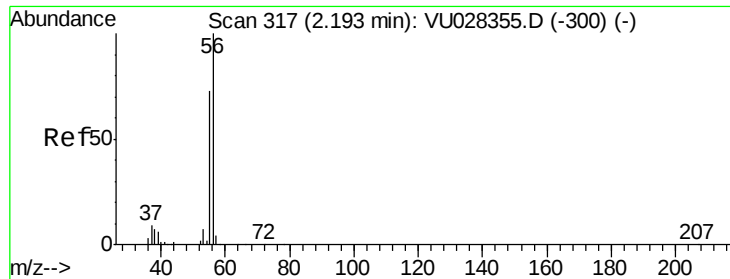
Tot Ion: 59 Resp: 87168
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.090 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.01 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion: 96 Resp: 53502
Ion Ratio Lower Upper
96 100
61 193.7 158.1 237.1
98 66.7 51.4 77.2





#13

Acrolein

Concen: 87.926 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

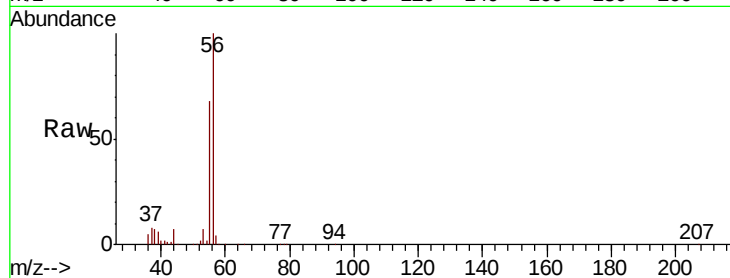
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 73983

Ion Ratio Lower Upper

56 100

55 71.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VU028390.D (-347) (-)

Ion 55.00 (54.70 to 55.70): VU028390.D (-347) (-)

2.20

50000

40000

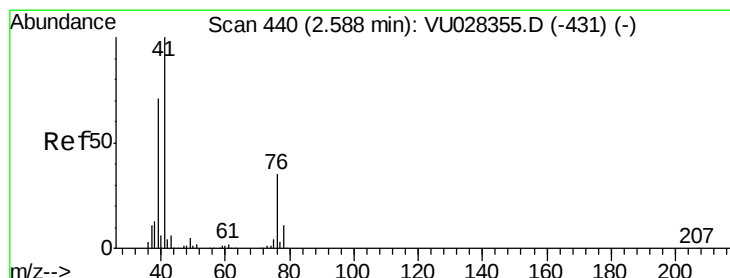
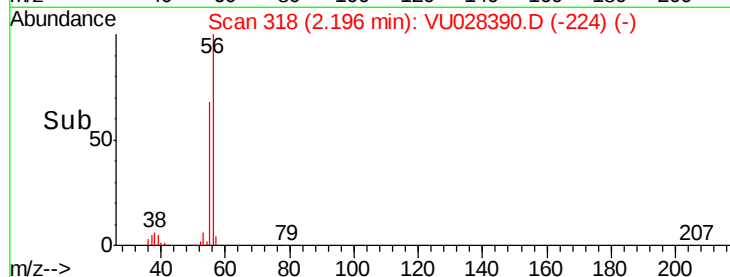
30000

20000

10000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 19.325 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.01 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

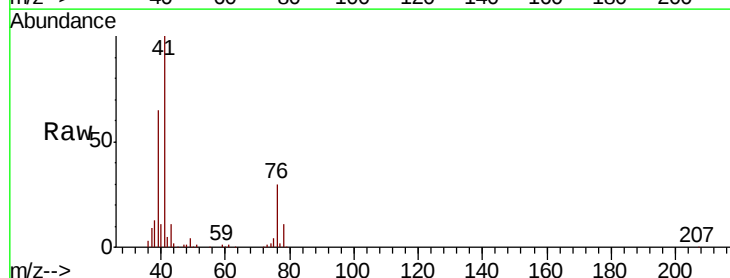
Tgt Ion: 41 Resp: 134458

Ion Ratio Lower Upper

41 100

39 61.6 51.6 77.4

76 28.8 24.4 36.6



Abundance Ion 41.00 (40.70 to 41.70): VU028390.D (-347) (-)

Ion 39.00 (38.70 to 39.70): VU028390.D (-347) (-)

Ion 75.90 (75.60 to 76.60): VU028390.D (-347) (-)

2.59

100000

80000

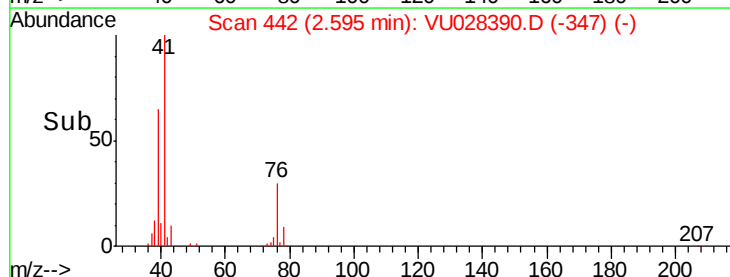
60000

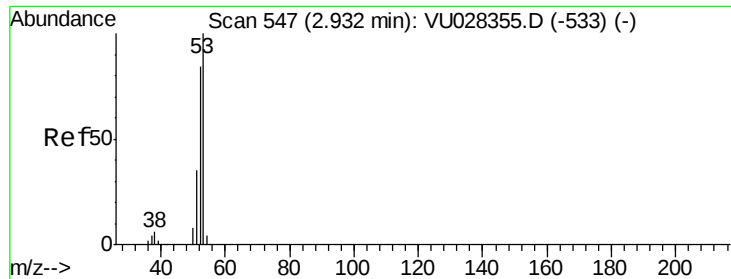
40000

20000

0

Time--> 2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 101.740 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

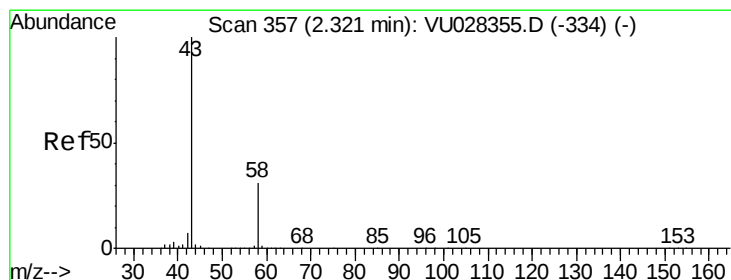
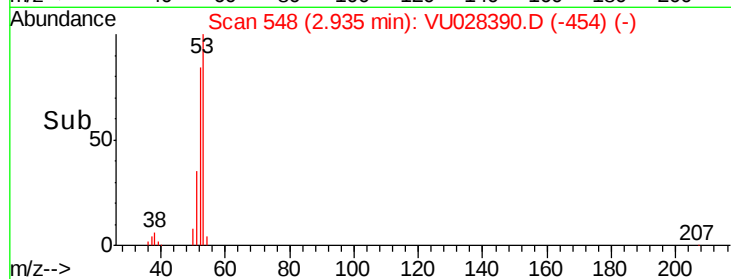
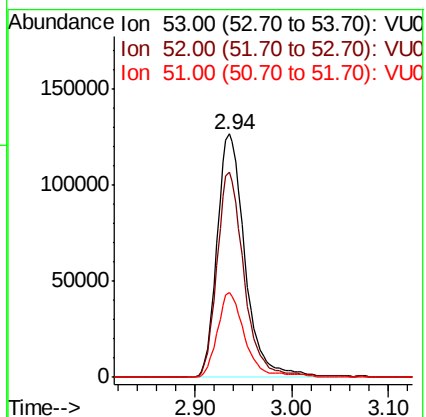
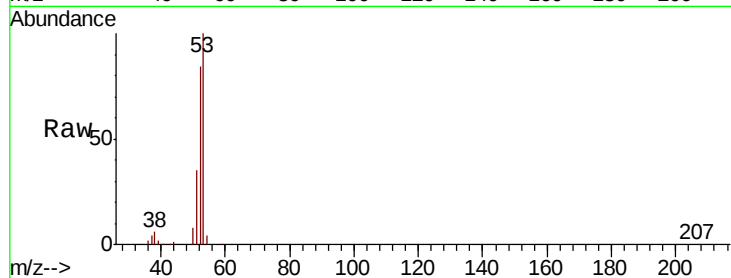
Tot Ion: 53 Resp: 254715

Ion Ratio Lower Upper

53 100

52 82.0 65.7 98.5

51 34.5 27.8 41.6



#16

Acetone

Concen: 83.745 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028390.D

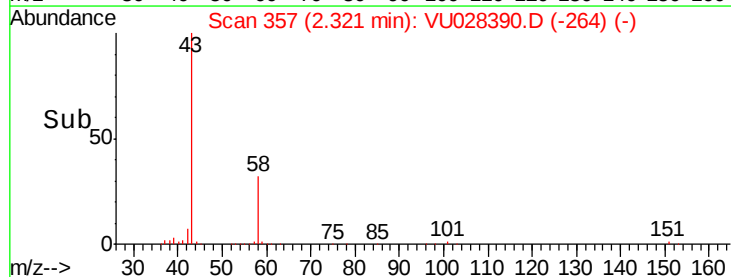
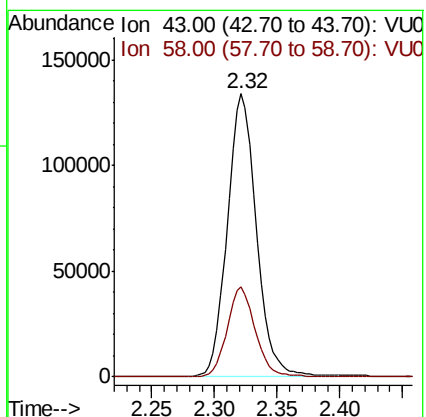
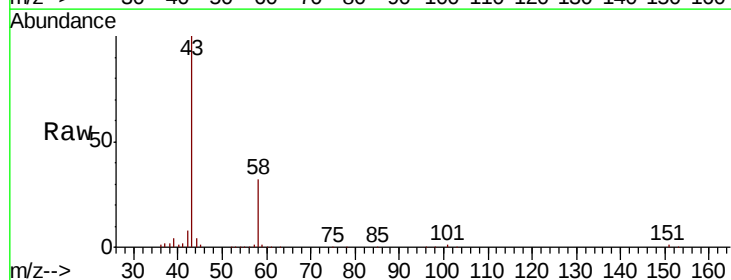
Acq: 29 Nov 2018 13:51

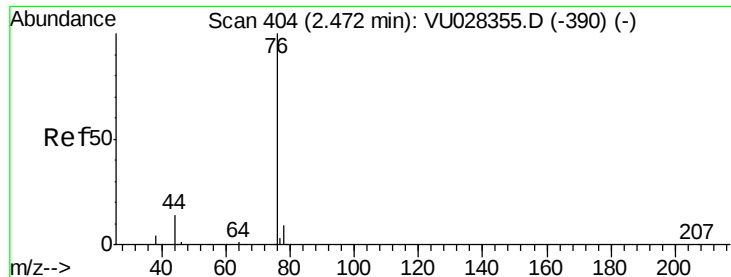
Tgt Ion: 43 Resp: 213426

Ion Ratio Lower Upper

43 100

58 31.8 24.4 36.6

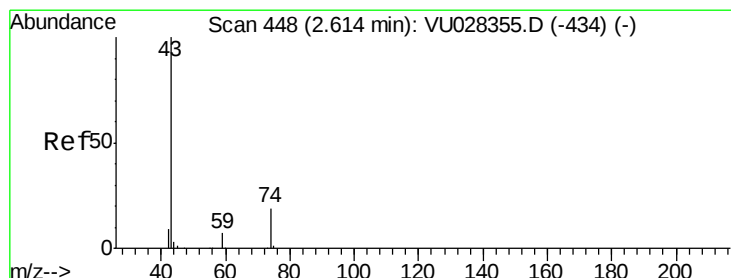
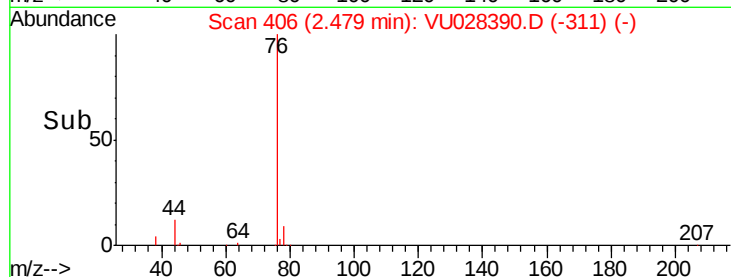
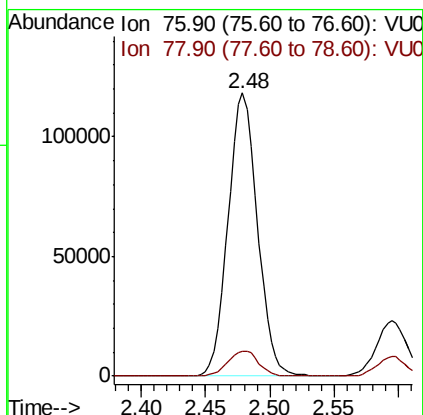
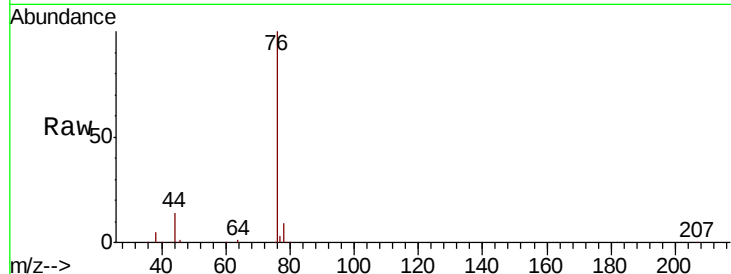




#17
Carbon Disulfide
Concen: 18.339 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

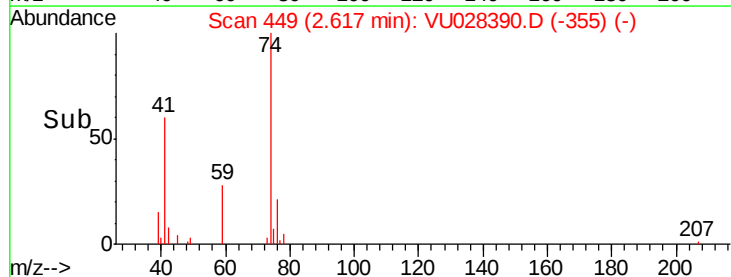
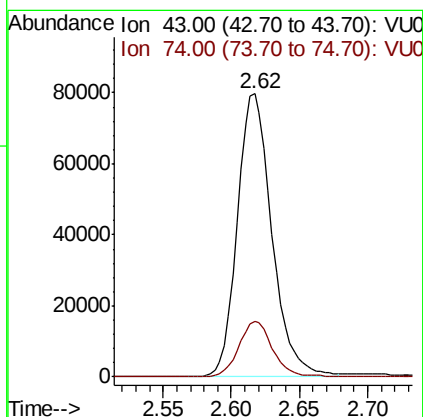
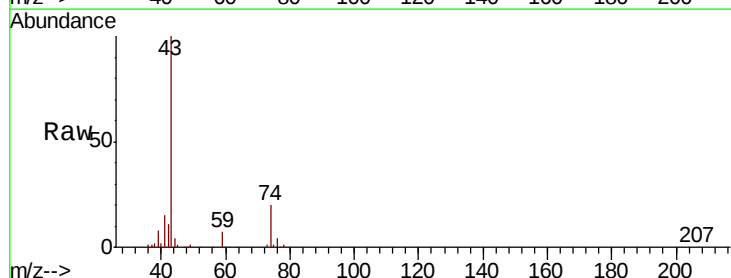
Instrument :
MSVOA_U
ClientSampled :

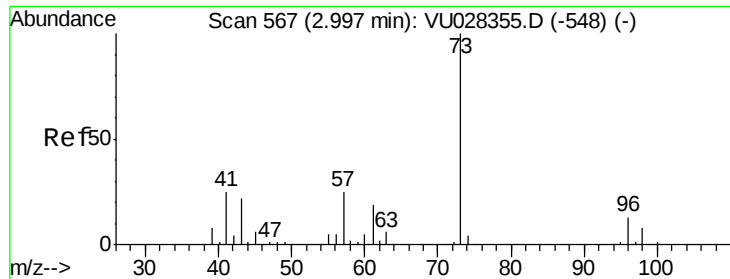
Tot Ion: 76 Resp: 187457
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 19.780 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion: 43 Resp: 140355
Ion Ratio Lower Upper
43 100
74 19.3 15.3 22.9

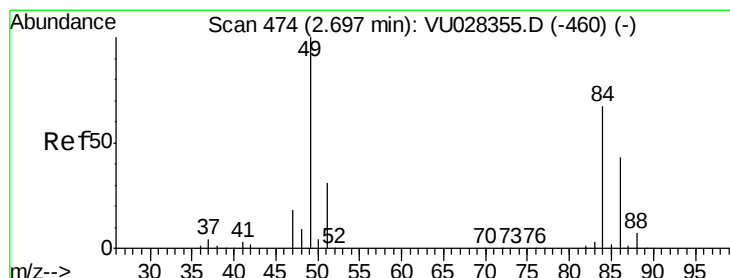
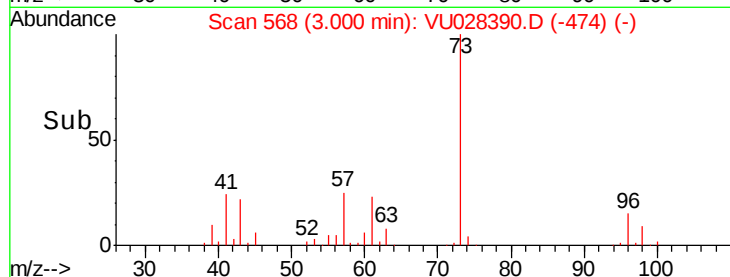
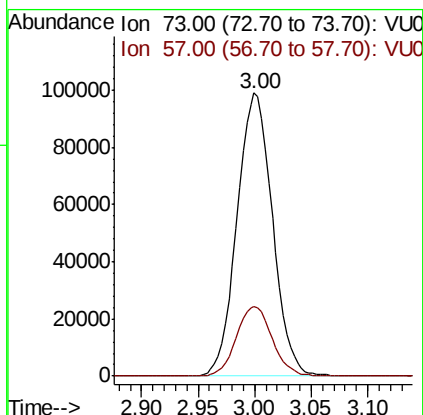
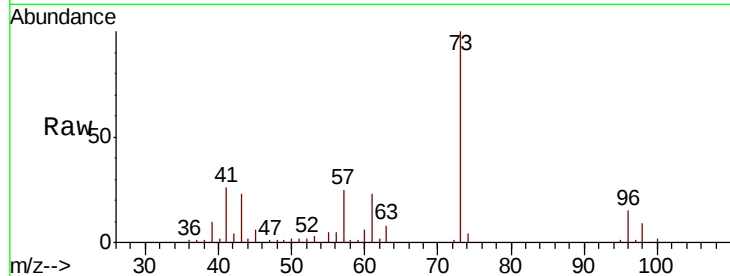




#19
Methvl tert-butvl Ether
Concen: 19.822 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

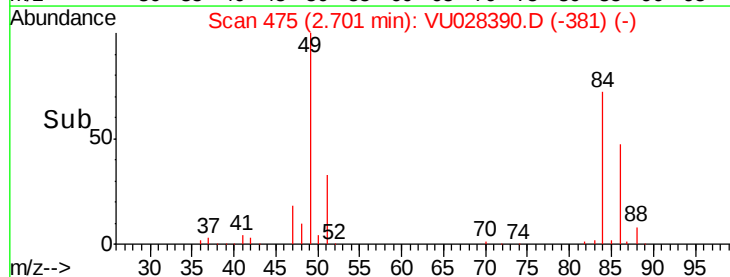
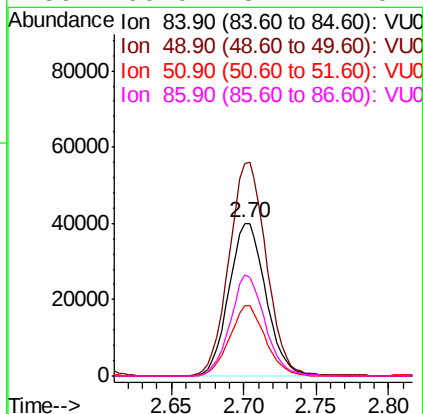
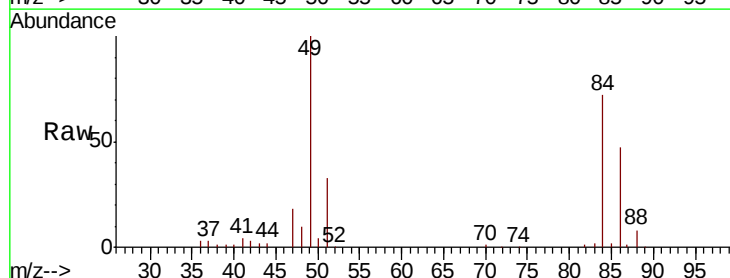
Instrument :
MSVOA_U
ClientSampled :

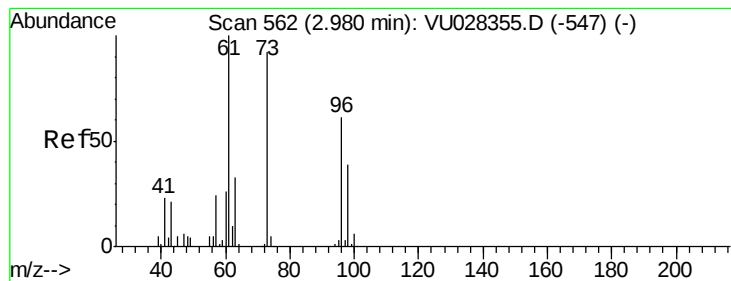
Tot Ion: 73 Resp: 216417
Ion Ratio Lower Upper
73 100
57 24.6 20.1 30.1



#20
Methylene Chloride
Concen: 19.619 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion: 84 Resp: 70683
Ion Ratio Lower Upper
84 100
49 139.4 120.0 180.0
51 46.2 36.9 55.3
86 66.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.748 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

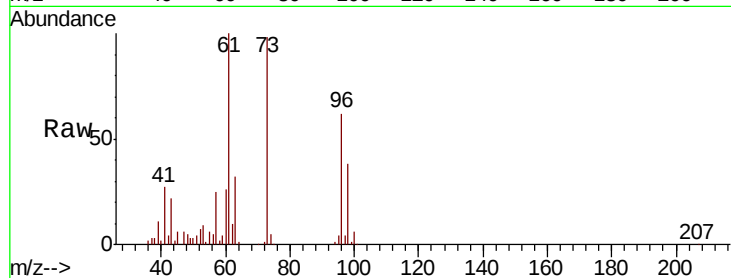
Tot Ion: 96 Resp: 60992

Ion Ratio Lower Upper

96 100

61 160.6 131.1 196.7

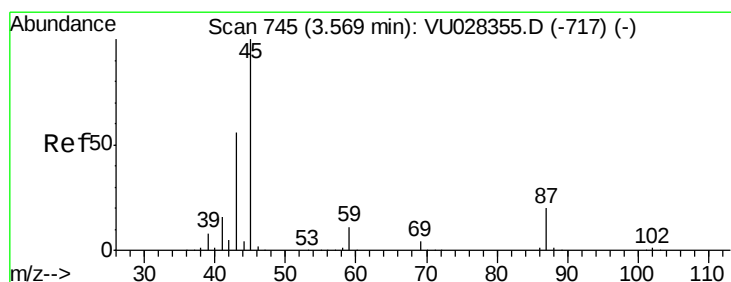
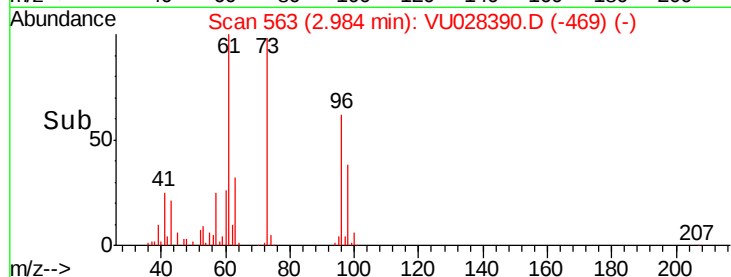
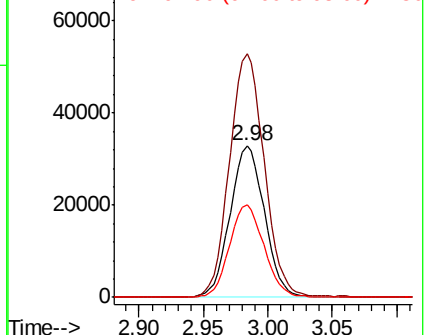
98 60.7 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 19.905 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Tgt Ion: 45 Resp: 272669

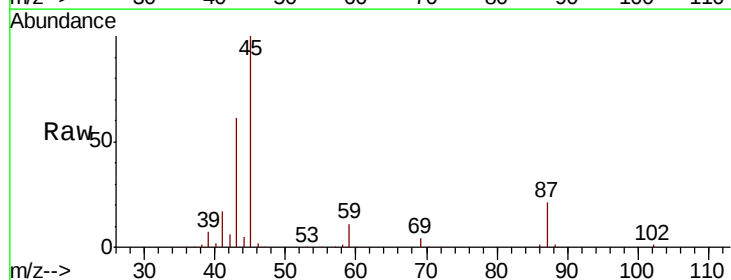
Ion Ratio Lower Upper

45 100

43 59.7 44.8 67.2

87 20.9 16.3 24.5

59 10.6 8.6 12.8

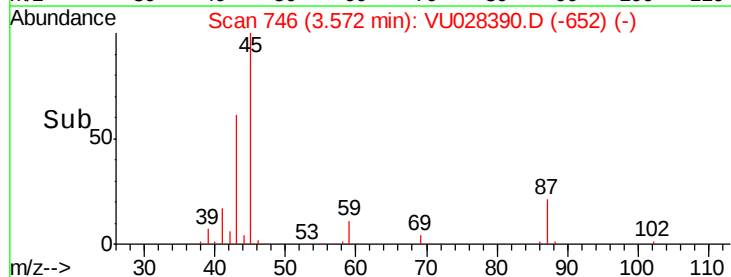
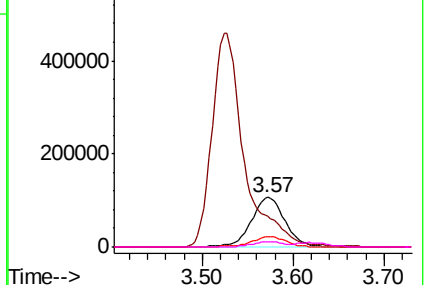


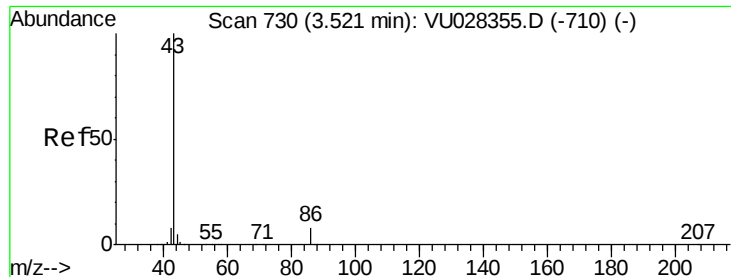
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 99.694 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

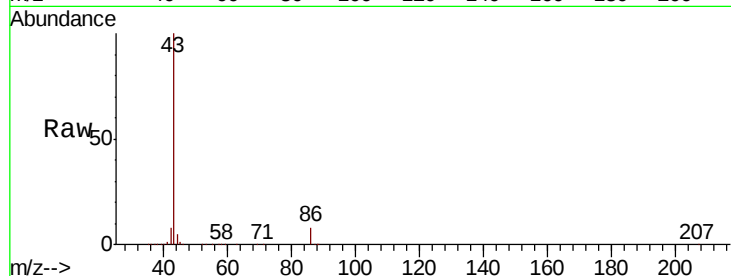
ClientSampled :

Tot Ion: 43 Resp: 1135146

Ion Ratio Lower Upper

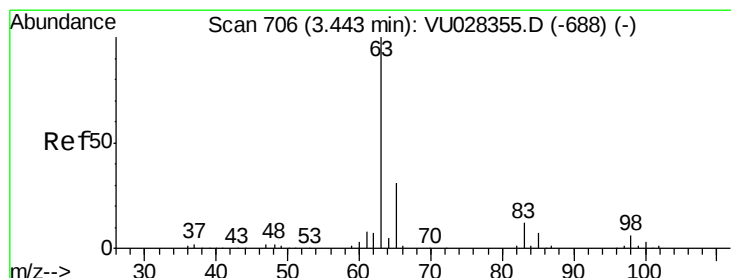
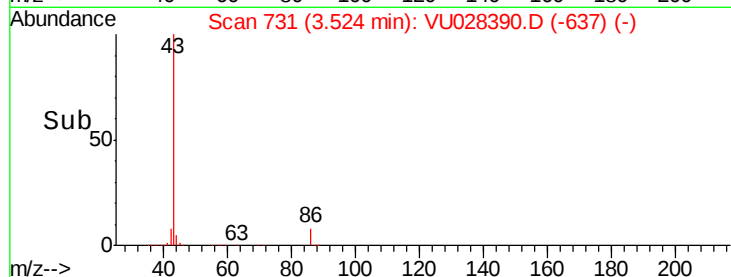
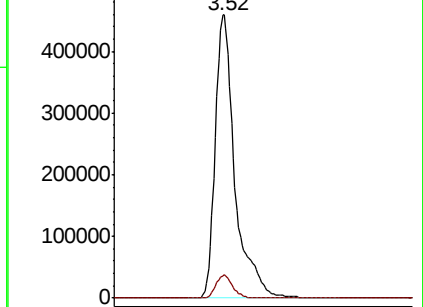
43 100

86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VU028390.D (-637) (-)

Ion 86.00 (85.70 to 86.70): VU028390.D (-637) (-)



#24

1,1-Dichloroethane

Concen: 20.071 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

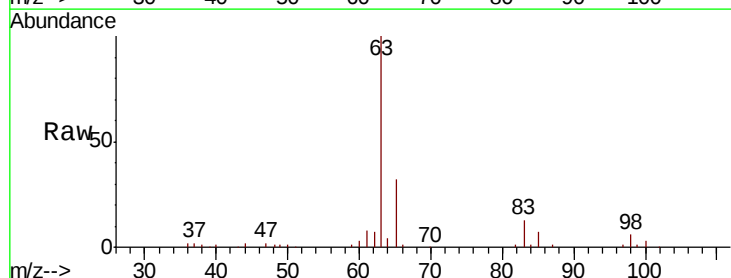
Tgt Ion: 63 Resp: 135553

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.6

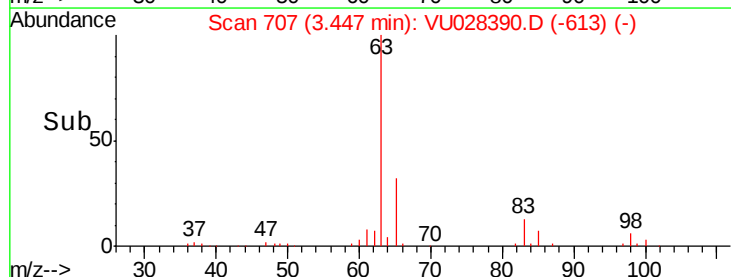
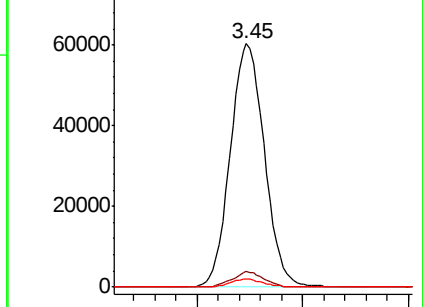
100 3.2 1.7 5.1

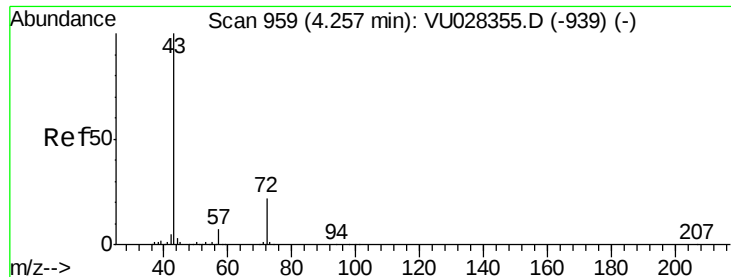


Abundance Ion 62.90 (62.60 to 63.60): VU028390.D (-613) (-)

Ion 97.90 (97.60 to 98.60): VU028390.D (-613) (-)

Ion 99.90 (99.60 to 100.60): VU028390.D (-613) (-)





#25

2-Butanone

Concen: 96.490 ug/l

RT: 4.26 min Scan# 960

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

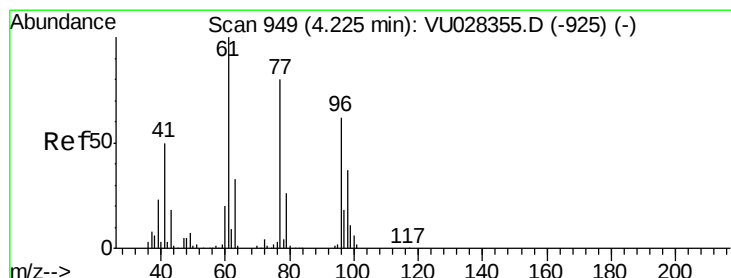
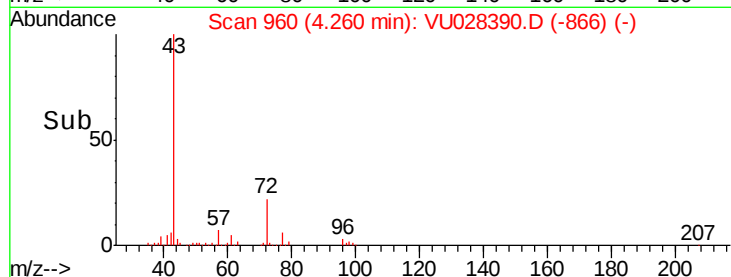
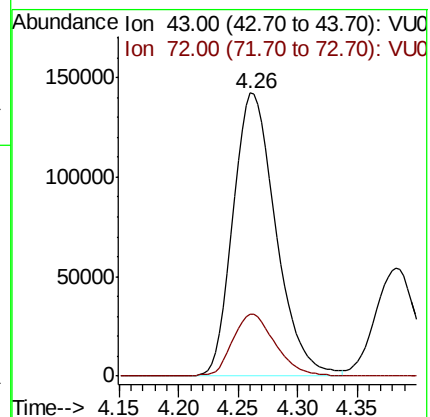
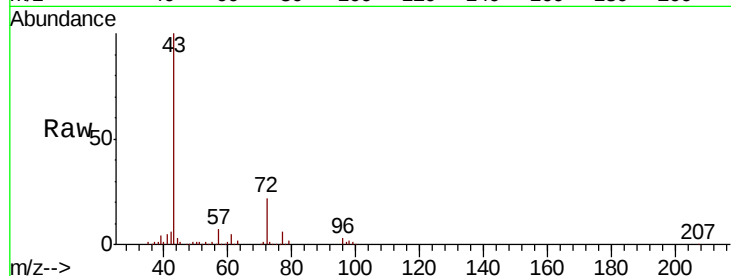
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 352422

Ion Ratio Lower Upper

43 100

72 21.5 17.7 26.5



#26

2,2-Dichloropropane

Concen: 18.631 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028390.D

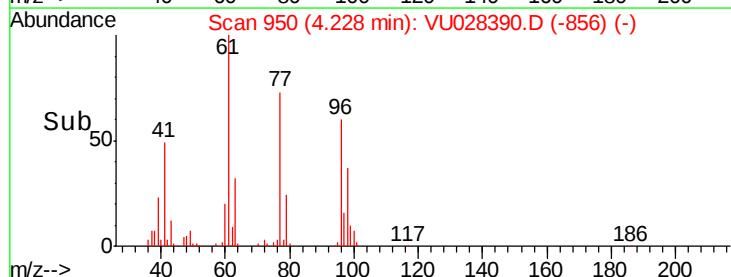
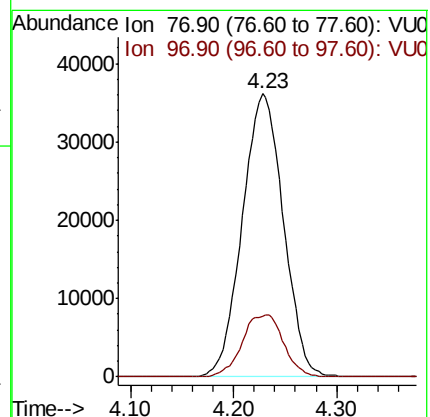
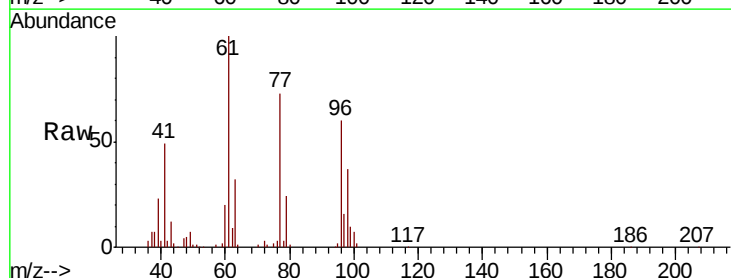
Acq: 29 Nov 2018 13:51

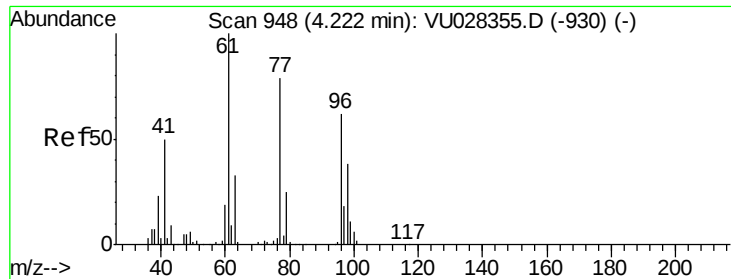
Tgt Ion: 77 Resp: 99935

Ion Ratio Lower Upper

77 100

97 22.1 10.7 32.1



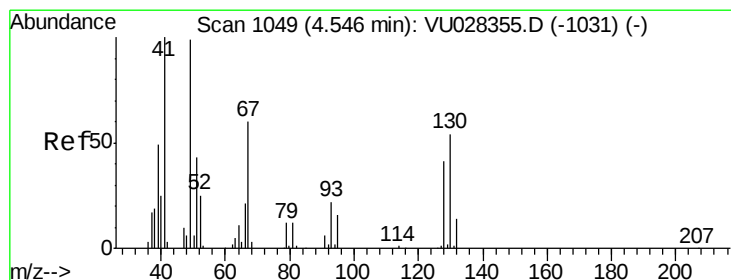
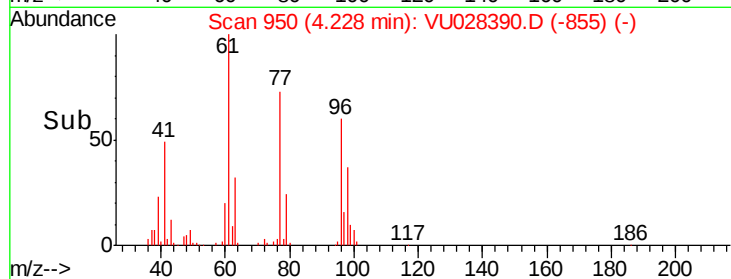
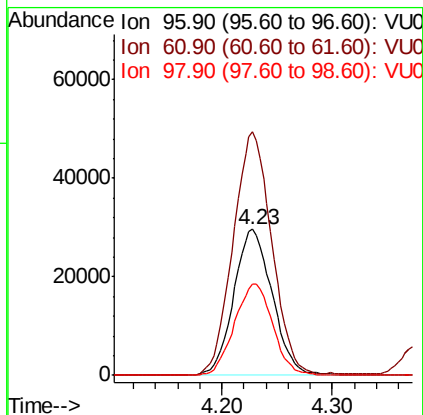
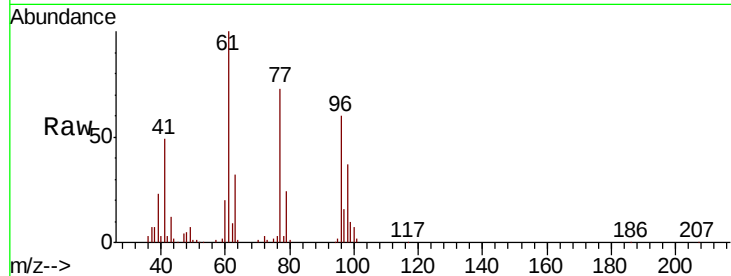


#27

cis-1,2-Dichloroethene
 Concen: 19.588 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

Instrument :
 MSVOA_U
 ClientSampled :

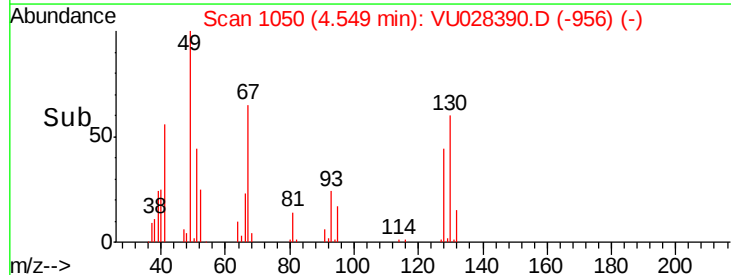
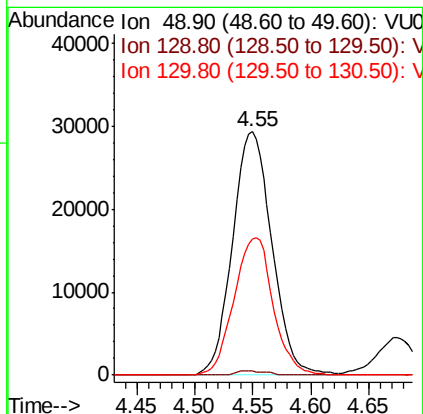
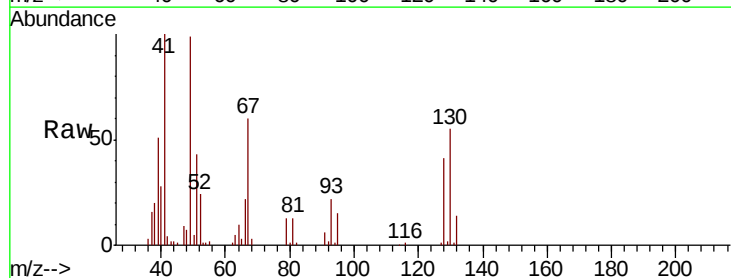
Tot Ion: 96 Resp: 71545
 Ion Ratio Lower Upper
 96 100
 61 167.5 0.0 342.0
 98 62.3 0.0 126.4

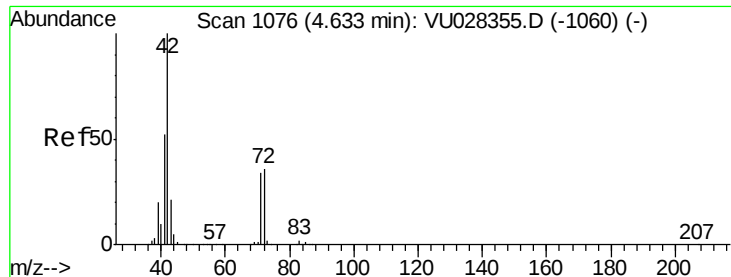


#28

Bromochloromethane
 Concen: 20.464 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

Tgt Ion: 49 Resp: 69107
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.6
 130 56.2 44.5 66.7

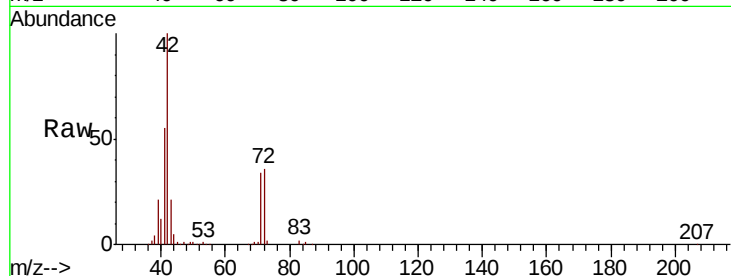




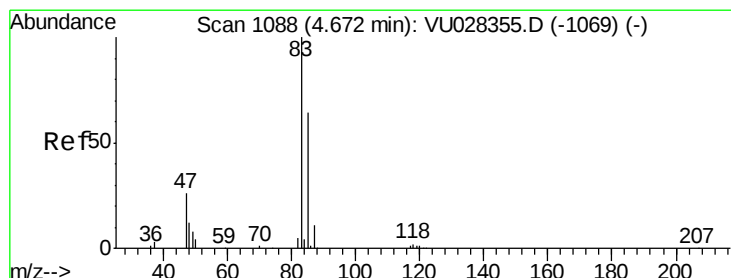
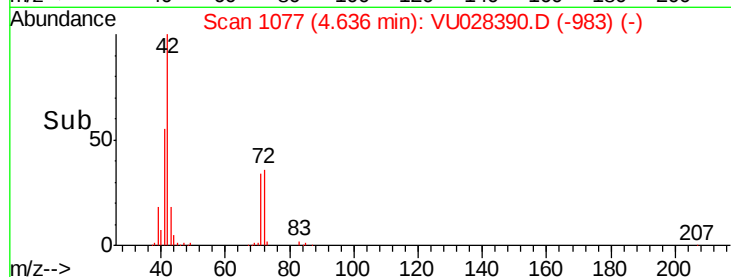
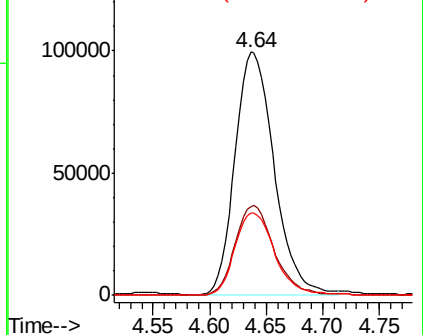
#29
Tetrahydrofuran
Concen: 101.210 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.1	29.5	44.3
71	34.8	27.7	41.5

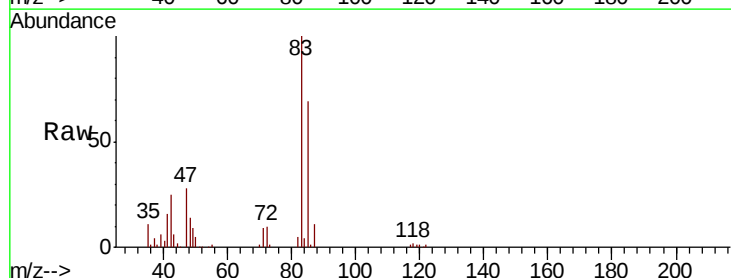


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

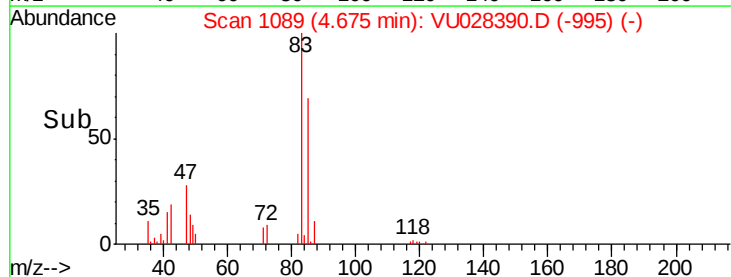
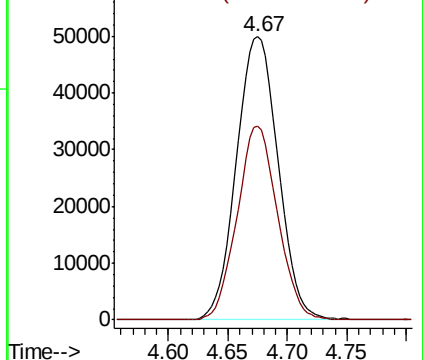


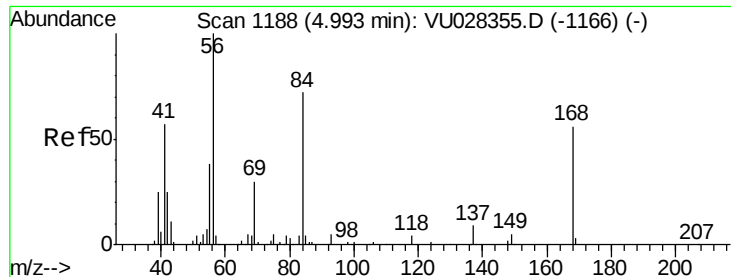
#30
Chloroform
Concen: 19.471 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	51.2	76.8



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

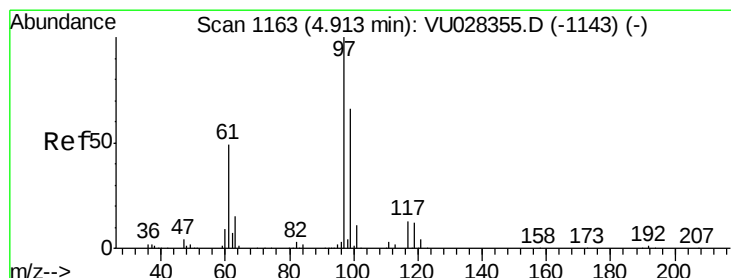
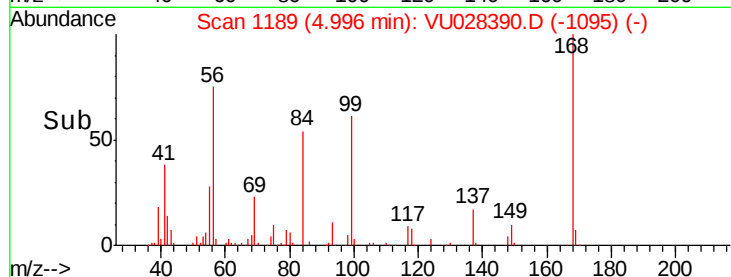
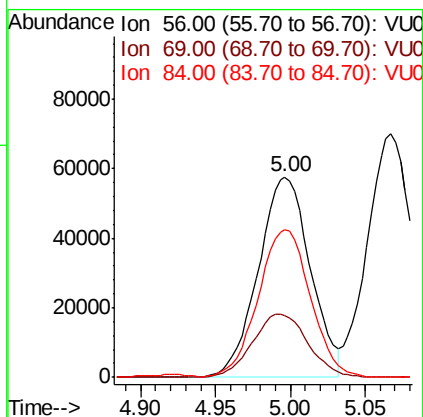
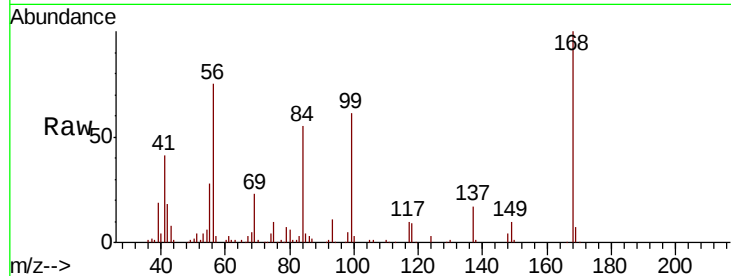




#31
Cyclohexane
Concen: 19.862 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

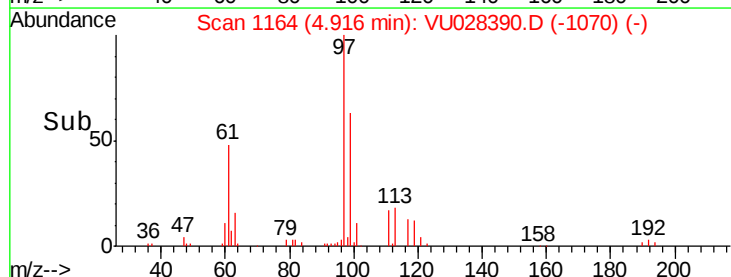
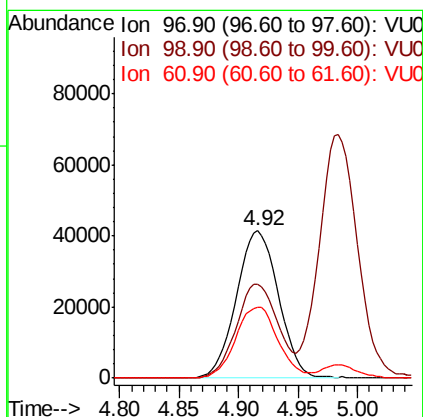
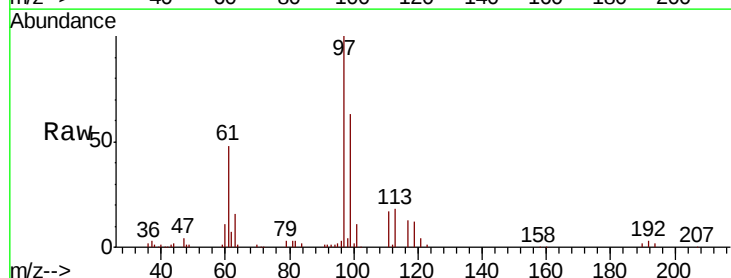
Instrument :
MSVOA_U
ClientSampled :

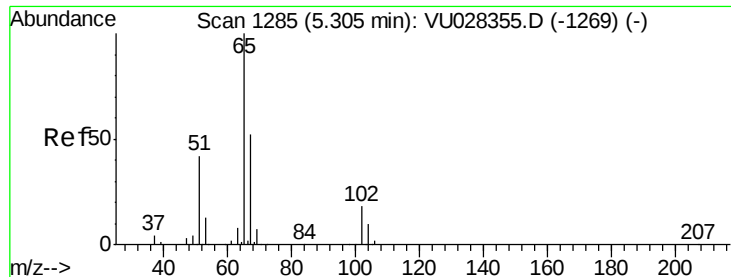
Tot Ion: 56 Resp: 139320
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 72.8 57.3 85.9



#32
1,1,1-Trichloroethane
Concen: 20.359 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion: 97 Resp: 101839
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 48.5 39.1 58.7

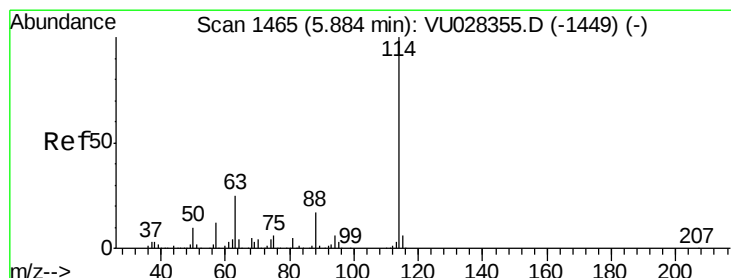
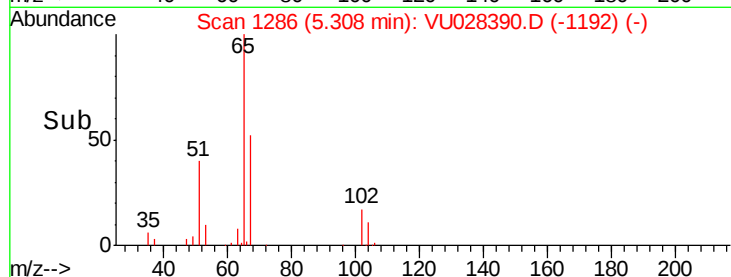
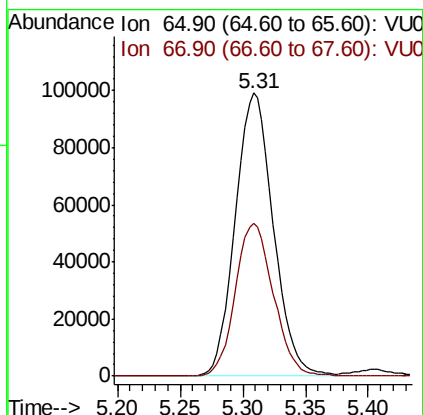
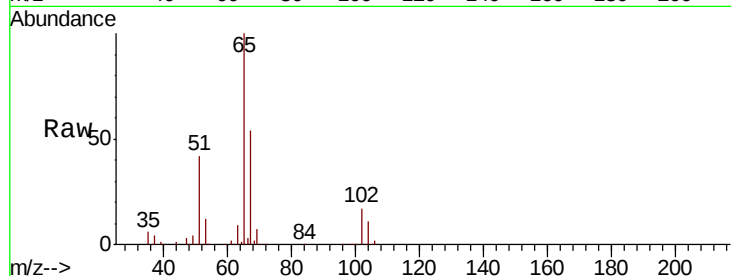




#33
 1,2-Dichloroethane-d4
 Concen: 50.283 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

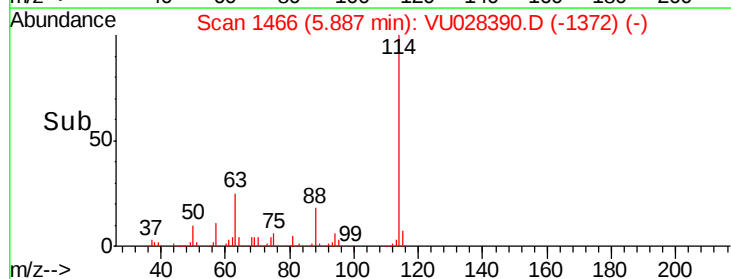
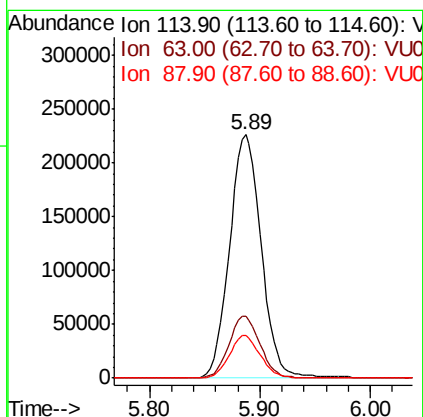
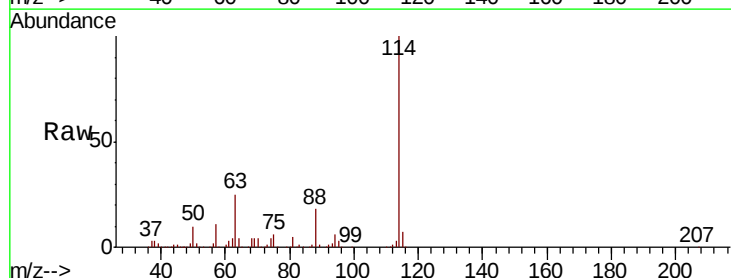
Instrument :
 MSVOA_U
 ClientSampled :

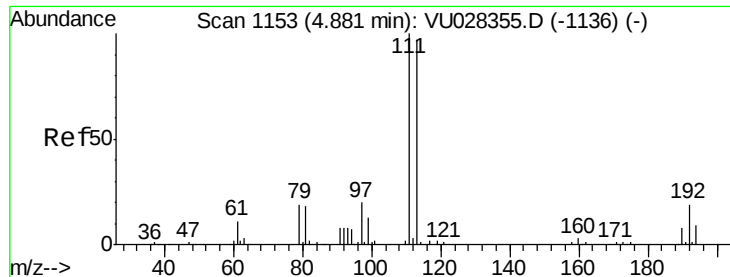
Tot Ion: 65 Resp: 209484
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

Tgt Ion: 114 Resp: 450338
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 50.0
 88 17.6 0.0 34.4

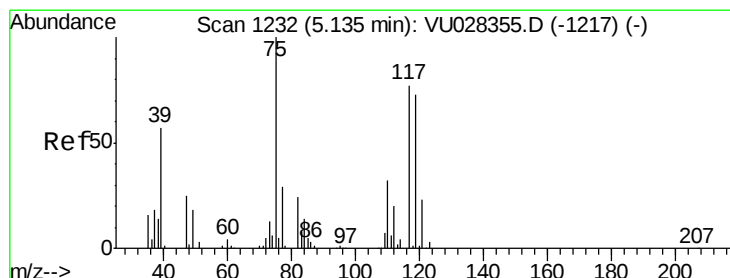
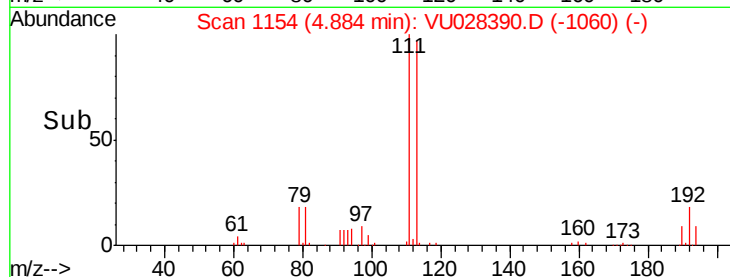
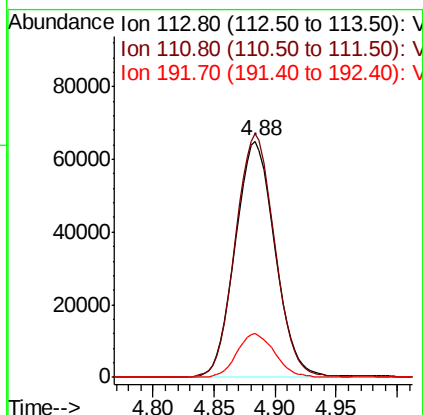
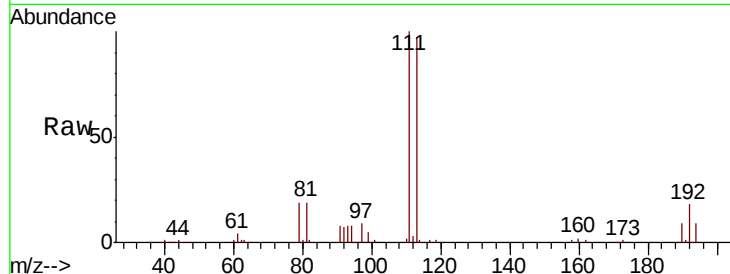




#35
 Dibromofluoromethane
 Concen: 49.016 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

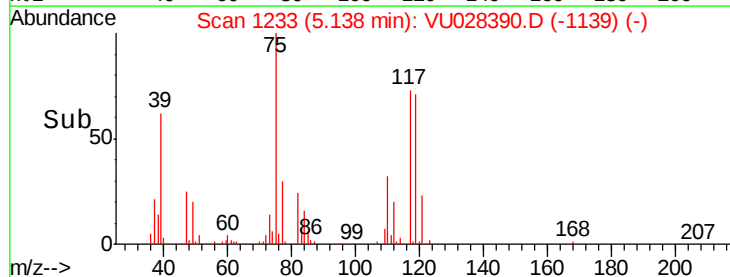
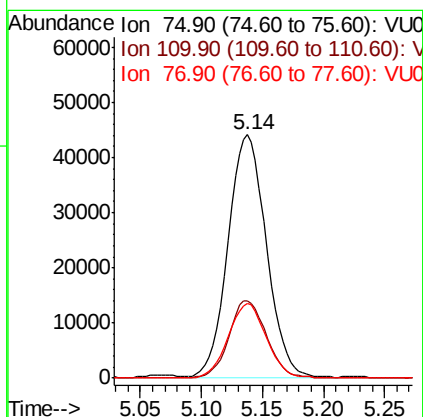
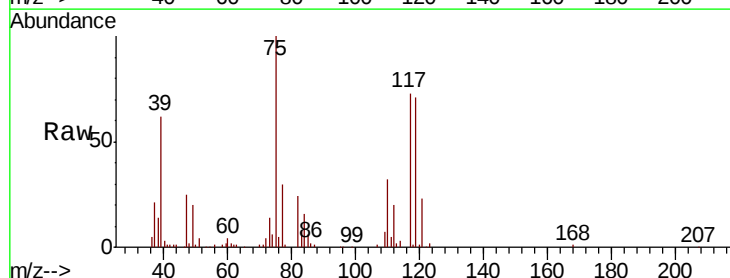
Instrument :
 MSVOA_U
 ClientSampleId :

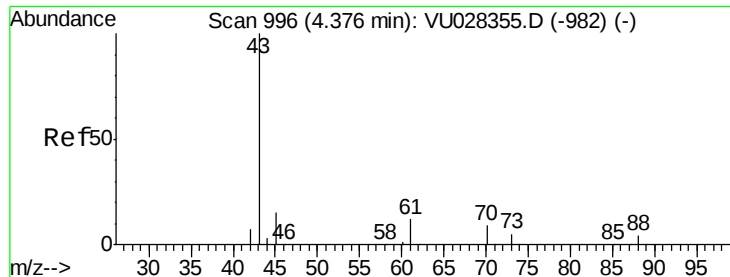
Tot Ion:113 Resp: 146782
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 17.8 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 19.380 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

Tgt Ion: 75 Resp: 95505
 Ion Ratio Lower Upper
 75 100
 110 31.4 15.8 47.4
 77 30.8 24.6 36.8

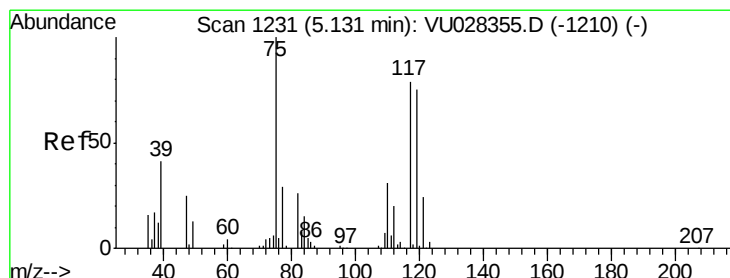
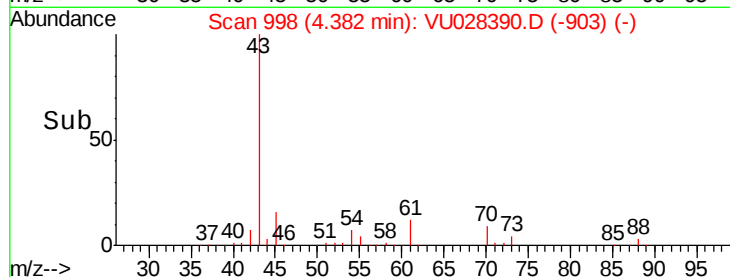
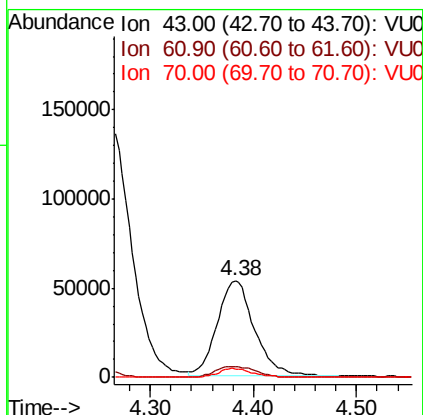
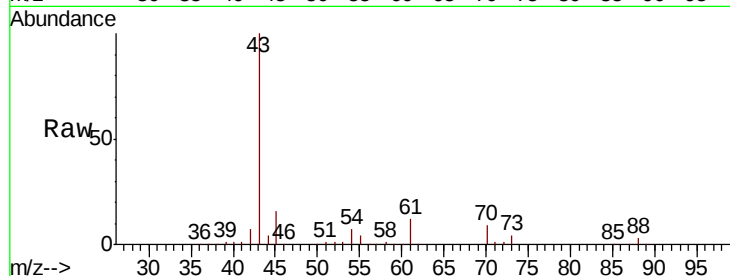




#37
Ethyl Acetate
Concen: 20.054 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.01 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

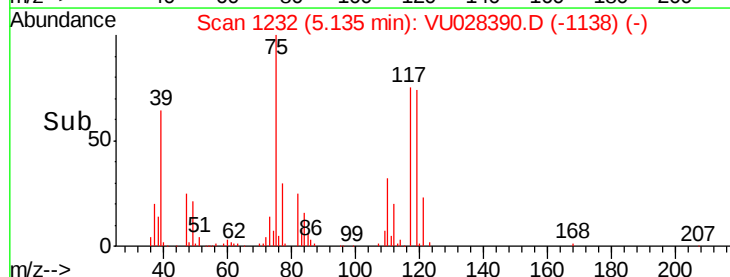
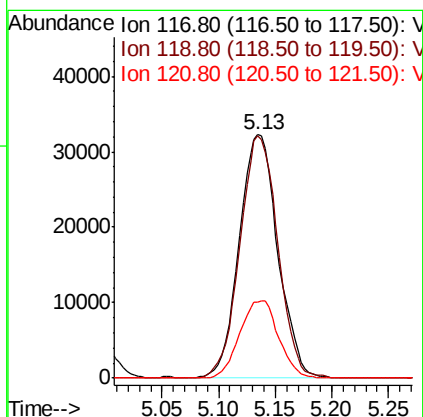
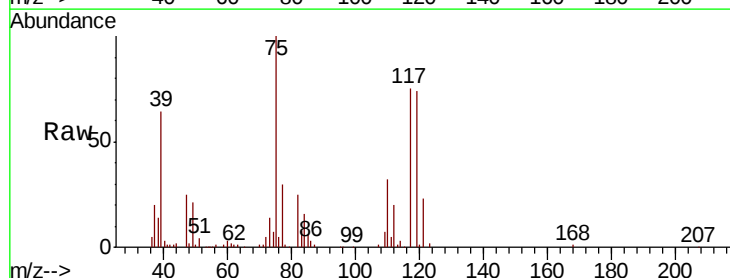
Instrument :
MSVOA_U
ClientSampleId :

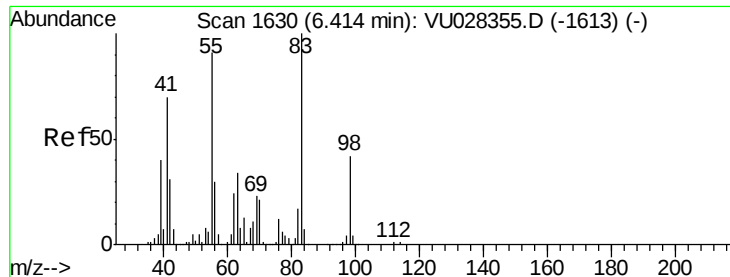
Tot Ion: 43 Resp: 134677
Ion Ratio Lower Upper
43 100
61 11.8 10.2 15.4
70 9.0 6.9 10.3



#38
Carbon Tetrachloride
Concen: 18.965 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion: 117 Resp: 76748
Ion Ratio Lower Upper
117 100
119 99.7 76.3 114.5
121 31.3 24.7 37.1

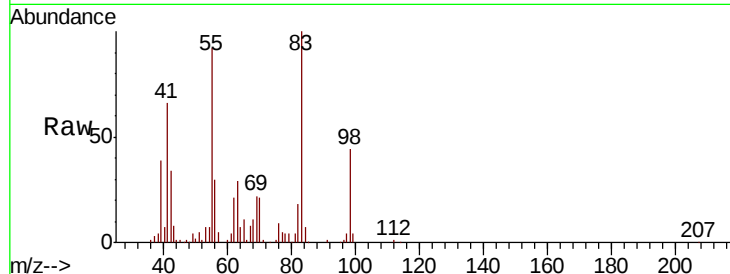




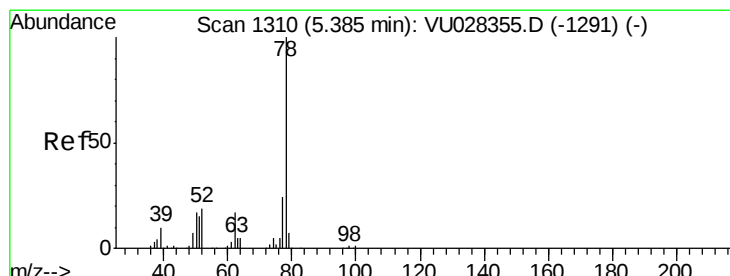
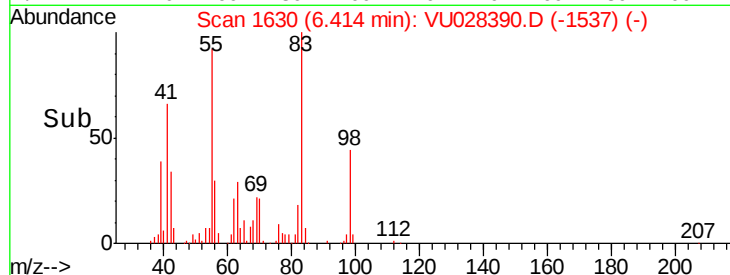
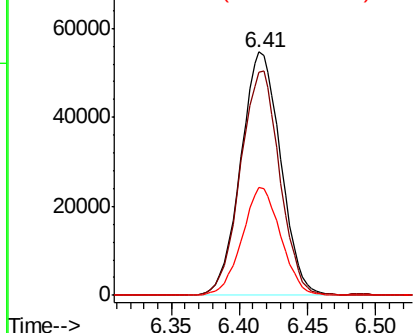
#39
Methvlcvclohexane
Concen: 19.075 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 110828
Ion Ratio Lower Upper
83 100
55 91.7 73.1 109.7
98 44.1 33.9 50.9

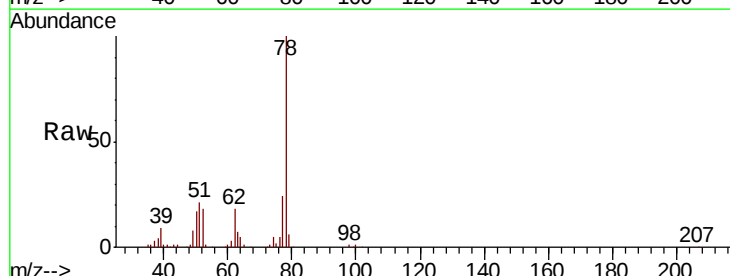


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

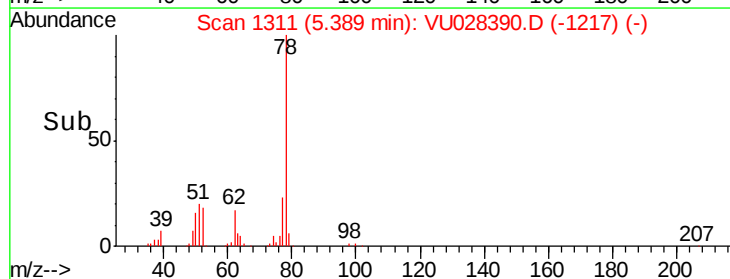
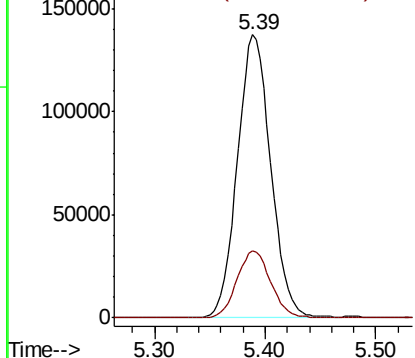


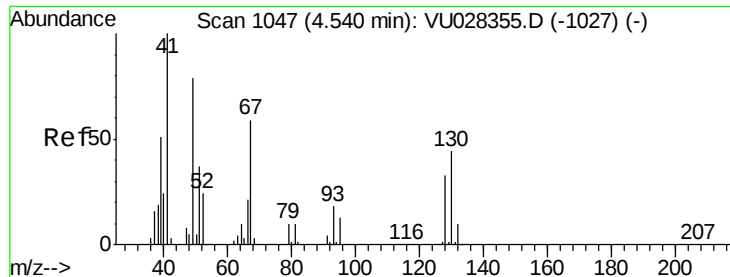
#40
Benzene
Concen: 19.721 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion: 78 Resp: 287842
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



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

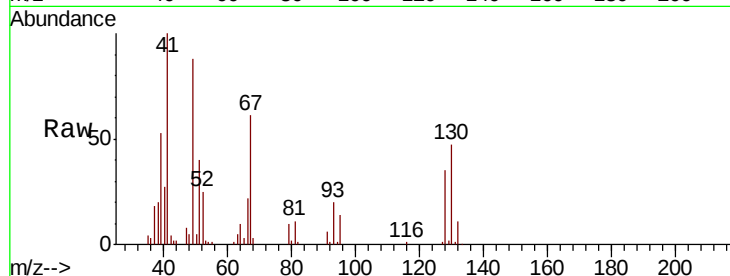




#41
Methacrylonitrile
Concen: 20.325 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	75801
Ion	Ratio	Lower	Upper
41	100		
39	53.8	41.3	61.9
67	62.3	48.6	73.0
52	24.5	19.4	29.0



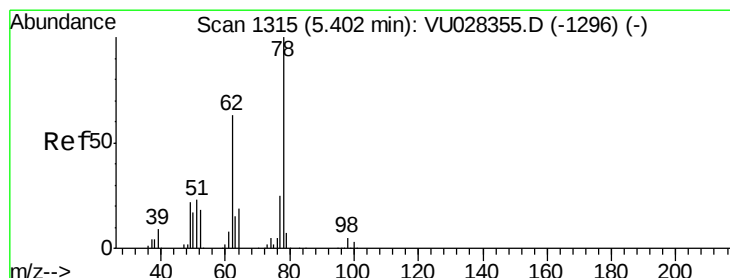
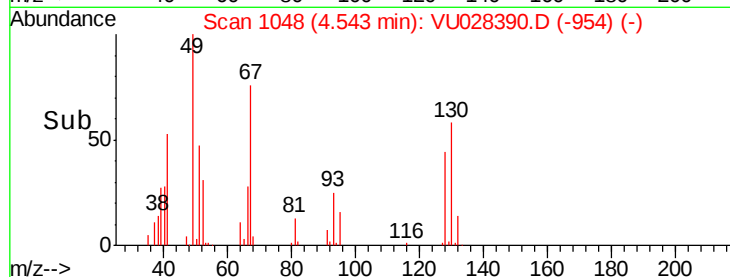
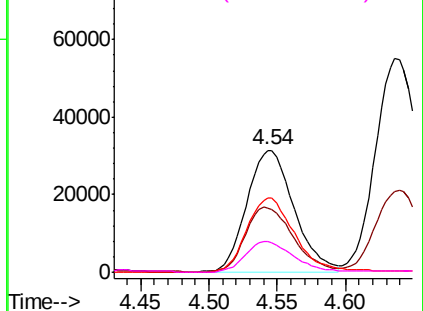
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

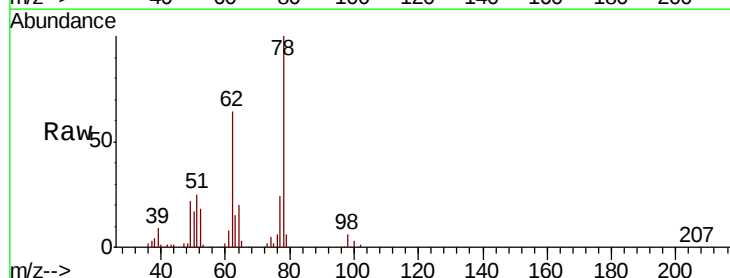
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 19.606 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

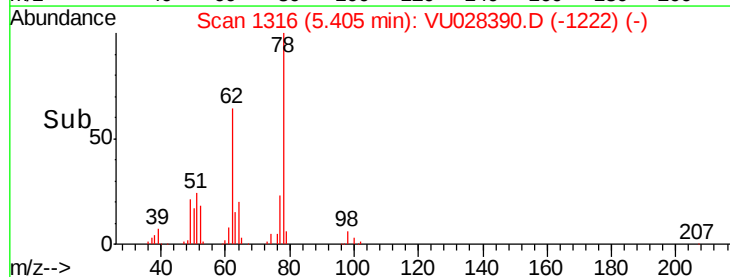
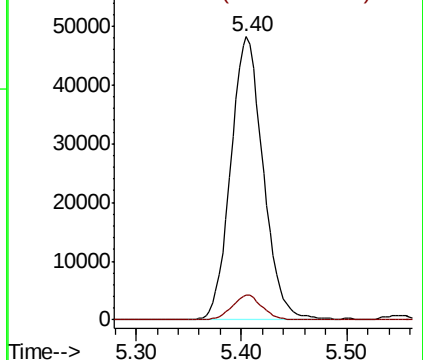
Tgt Ion:	62	Resp:	103090
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.4

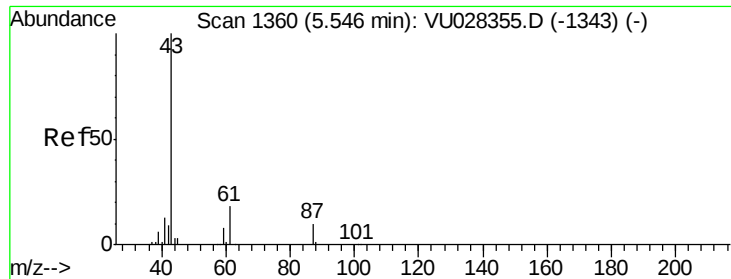


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

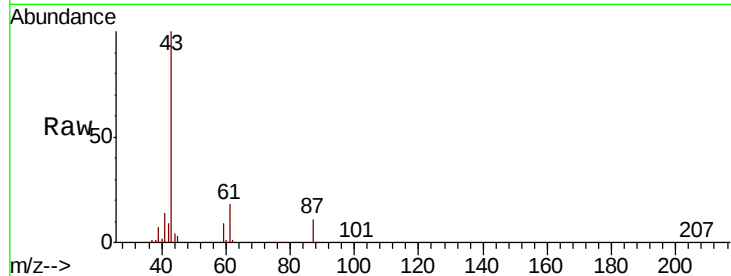




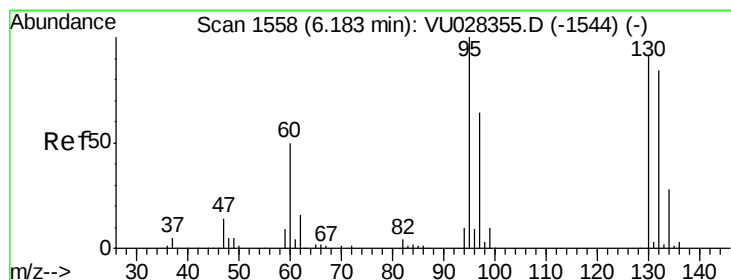
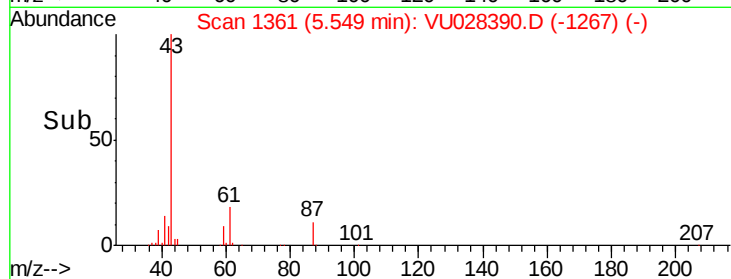
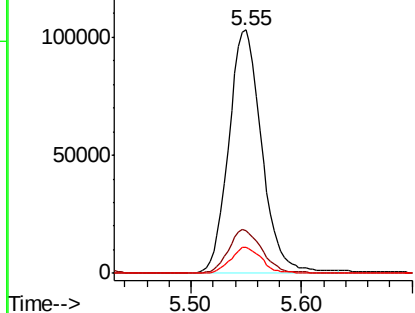
#43
Isopropyl Acetate
Concen: 20.079 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 213685
Ion Ratio Lower Upper
43 100
61 18.4 14.5 21.7
87 10.2 8.4 12.6

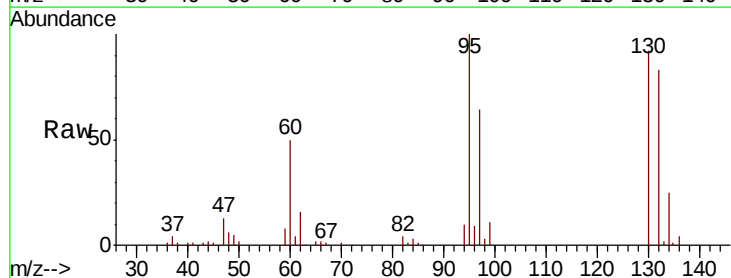


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

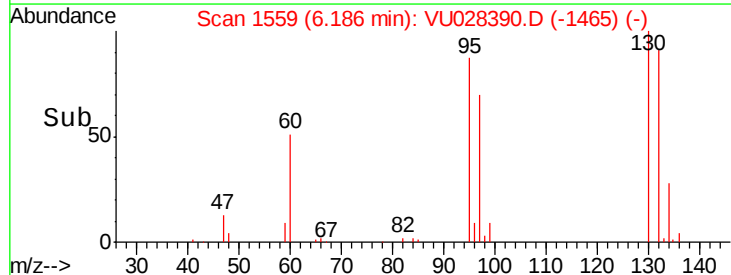
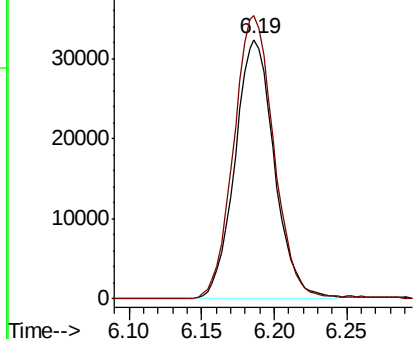


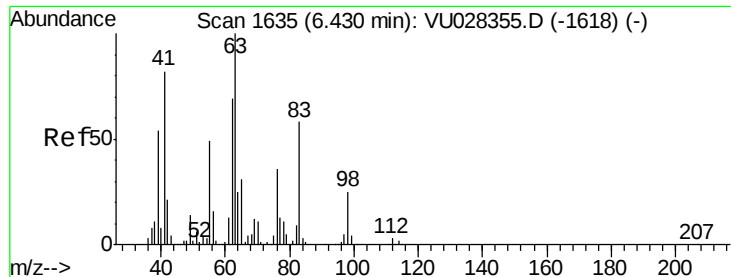
#44
Trichloroethene
Concen: 19.555 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion:130 Resp: 61180
Ion Ratio Lower Upper
130 100
95 109.2 0.0 219.8



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

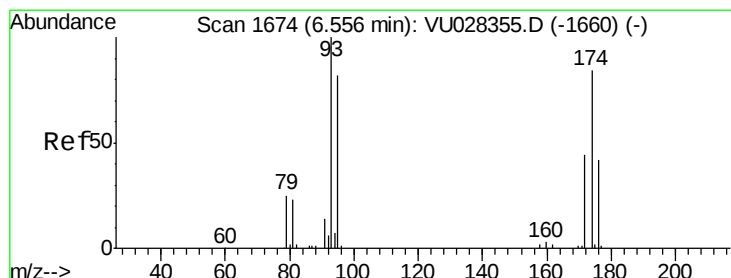
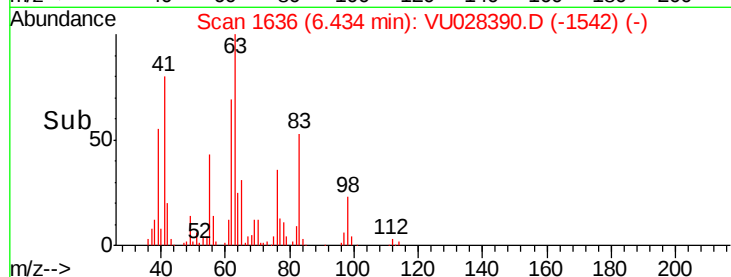
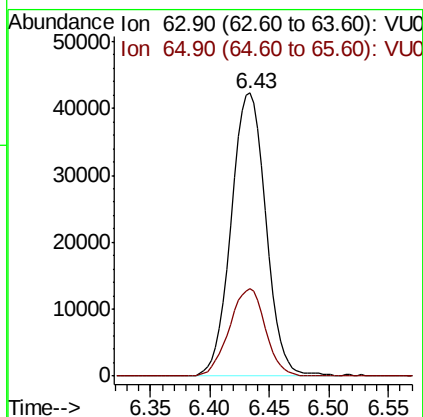
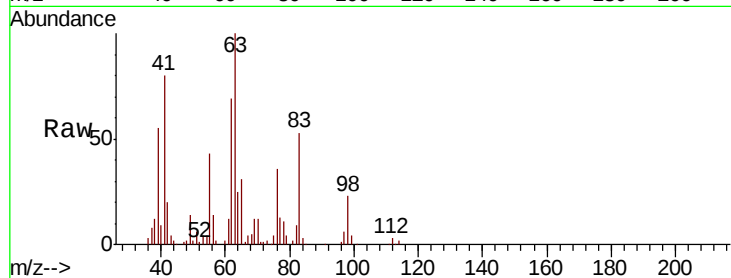




#45
 1,2-Dichloropropane
 Concen: 20.043 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

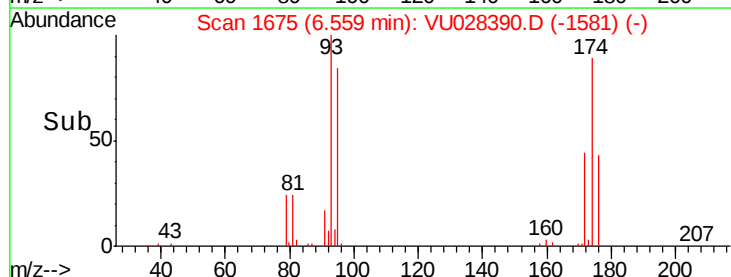
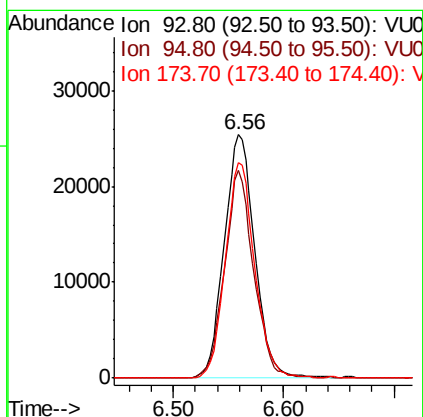
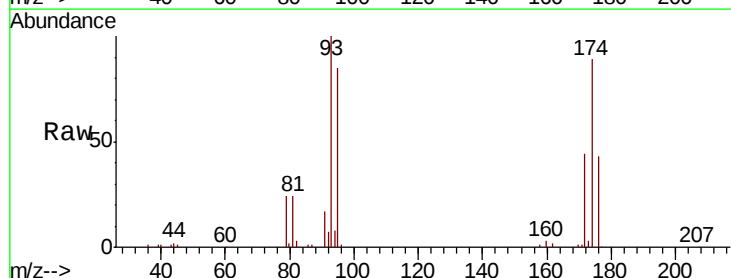
Instrument :
 MSVOA_U
 ClientSampleId :

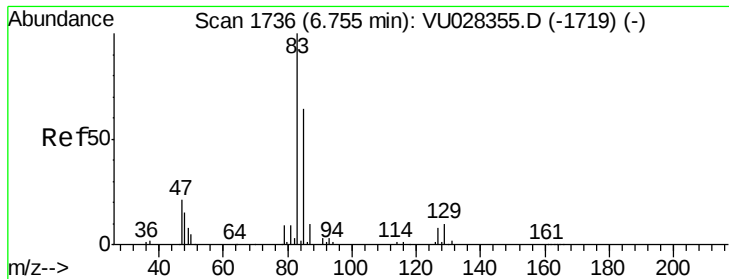
Tot Ion: 63 Resp: 85668
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7



#46
 Dibromomethane
 Concen: 19.810 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

Tgt Ion: 93 Resp: 48636
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.1 97.7
 174 85.3 69.9 104.9





#47

Bromodichloromethane

Concen: 19.070 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :

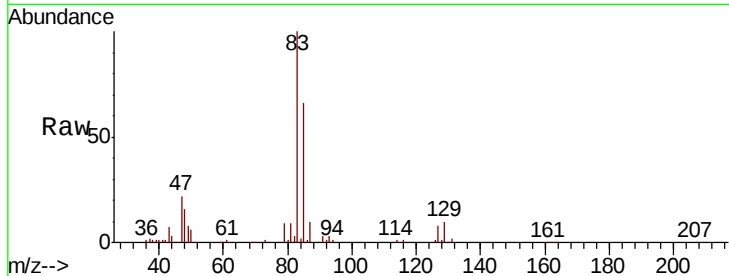
Tot Ion: 83 Resp: 93126

Ion Ratio Lower Upper

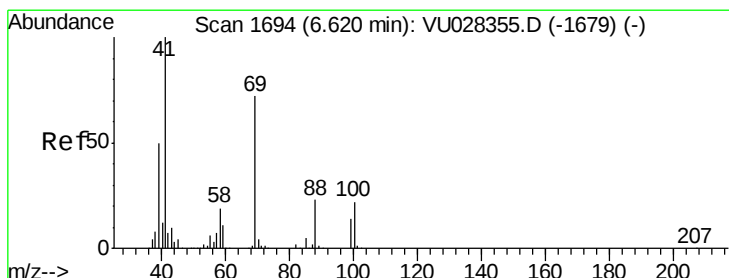
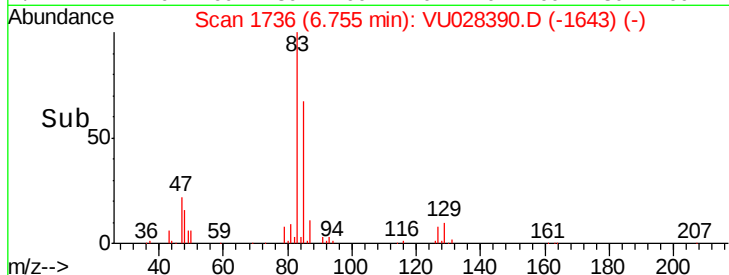
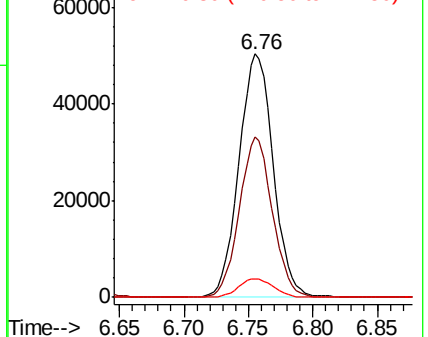
83 100

85 66.0 50.9 76.3

127 7.7 6.2 9.4



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



#48

Methyl methacrylate

Concen: 19.413 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

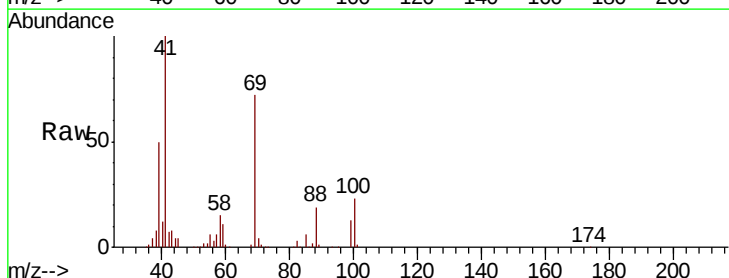
Tgt Ion: 41 Resp: 107618

Ion Ratio Lower Upper

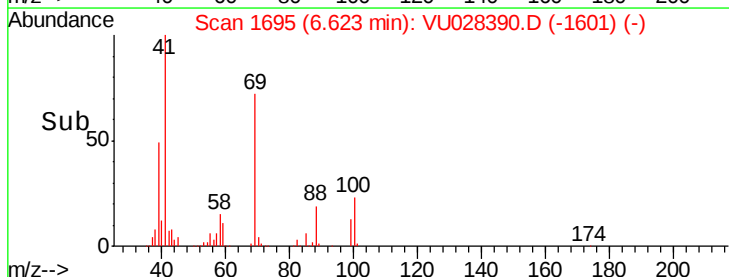
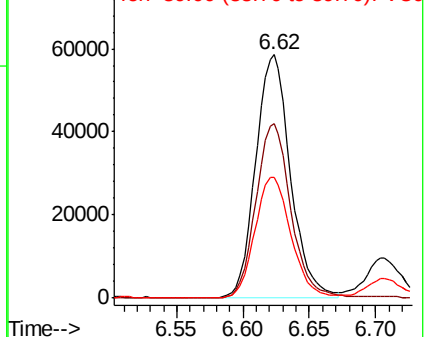
41 100

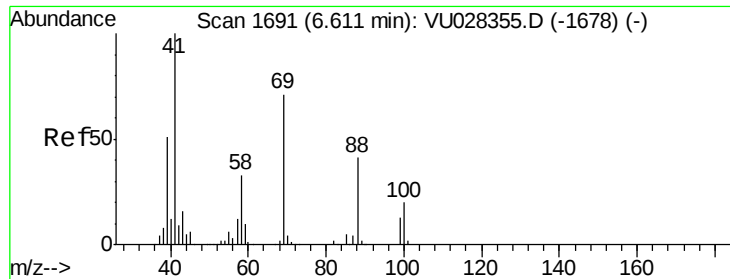
69 71.9 59.0 88.4

39 50.7 40.5 60.7



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

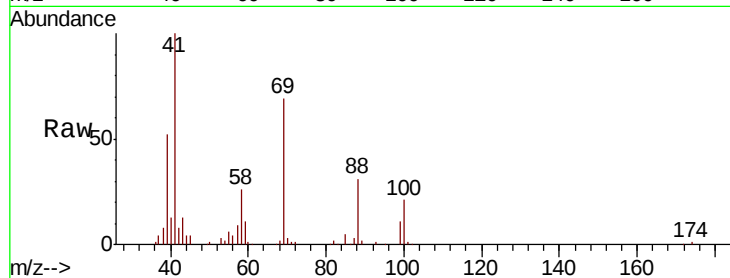




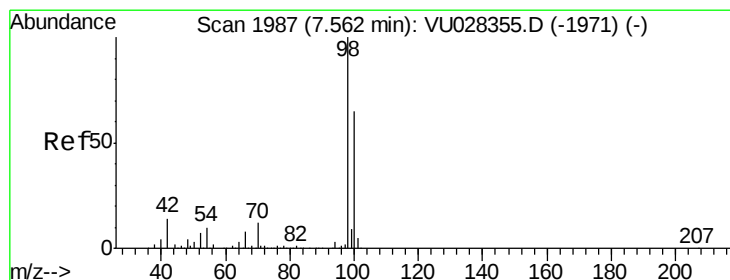
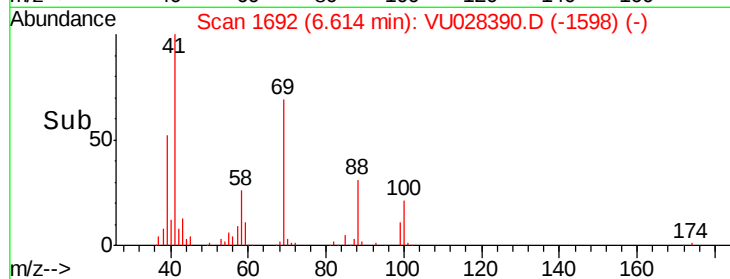
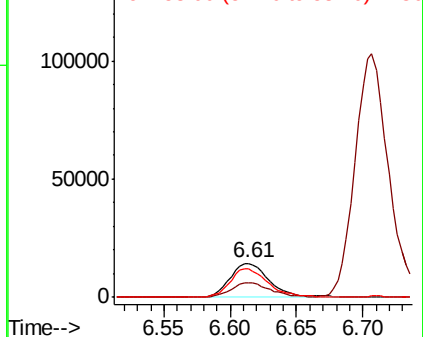
#49
1,4-Dioxane
Concen: 341.188 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 88 Resp: 30215
Ion Ratio Lower Upper
88 100
43 38.5 32.6 48.8
58 79.8 68.7 103.1

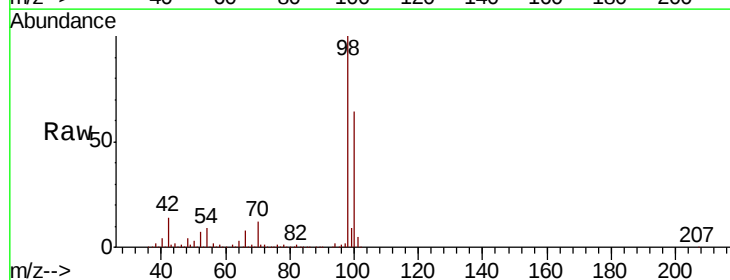


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

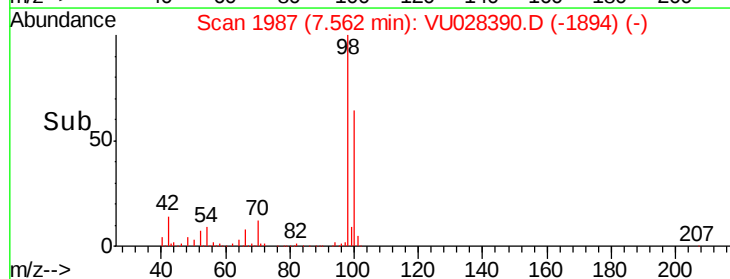
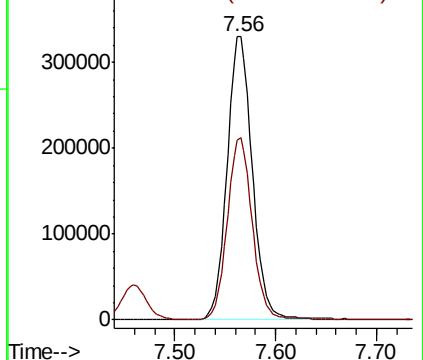


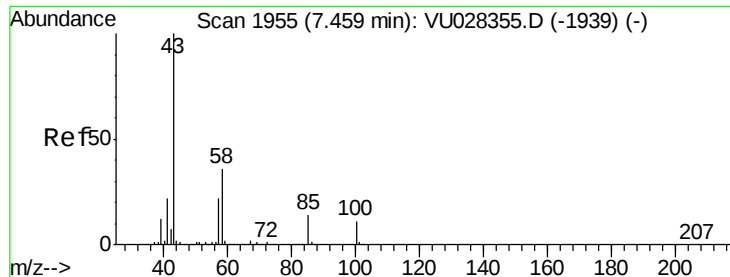
#50
Toluene-d8
Concen: 48.324 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion: 98 Resp: 578739
Ion Ratio Lower Upper
98 100
100 63.1 50.8 76.2



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: 98.278 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

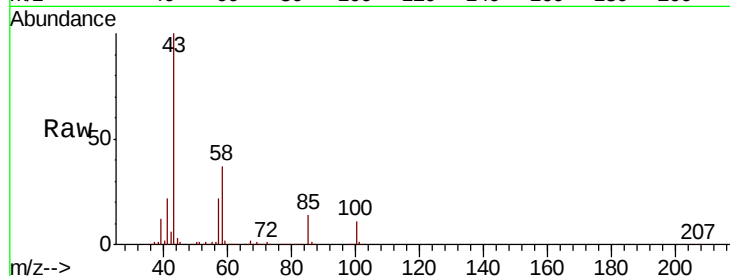
ClientSampled :

Tot Ion: 43 Resp: 667988

Ion Ratio Lower Upper

43 100

58 36.6 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-1939) (-)

7.46

400000

300000

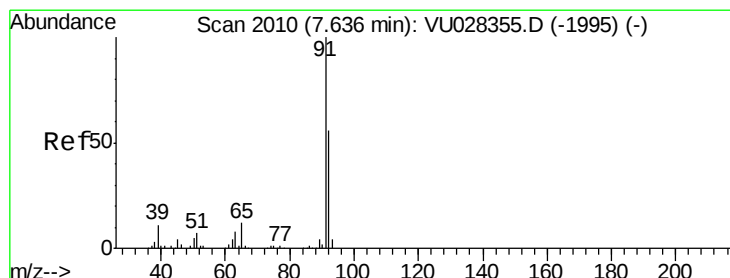
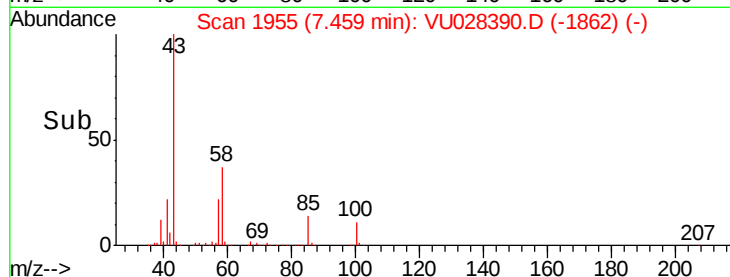
200000

100000

0

7.40 7.50

Time-->



#52

Toluene

Concen: 19.533 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028390.D

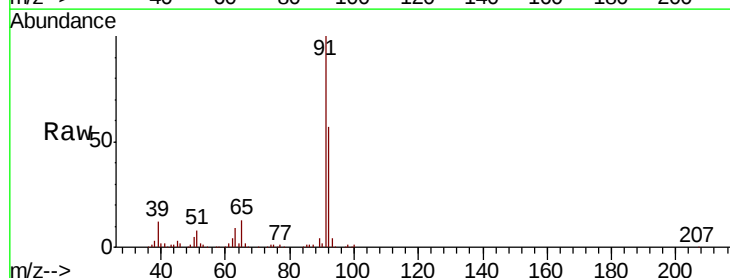
Acq: 29 Nov 2018 13:51

Tgt Ion: 92 Resp: 164174

Ion Ratio Lower Upper

92 100

91 179.9 141.8 212.6



Abundance Ion 92.00 (91.70 to 92.70): VU028355.D (-1995) (-)

Ion 91.00 (90.70 to 91.70): VU028355.D (-1995) (-)

7.64

150000

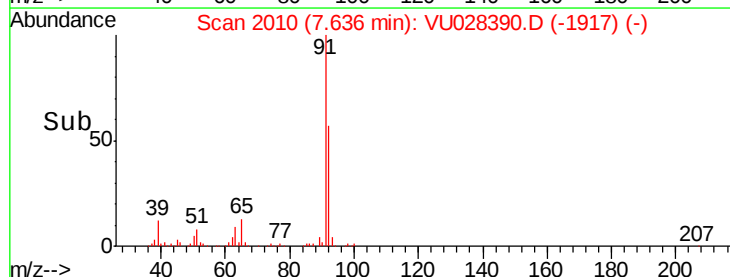
100000

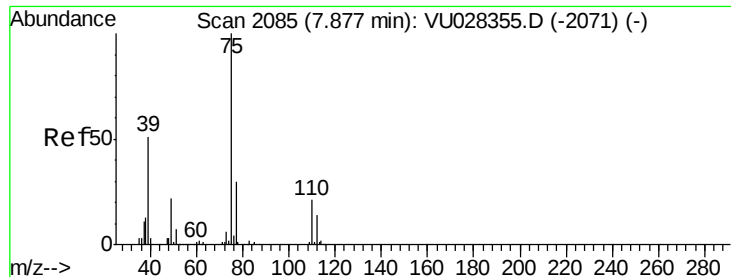
50000

0

7.55 7.60 7.65 7.70

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.961 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

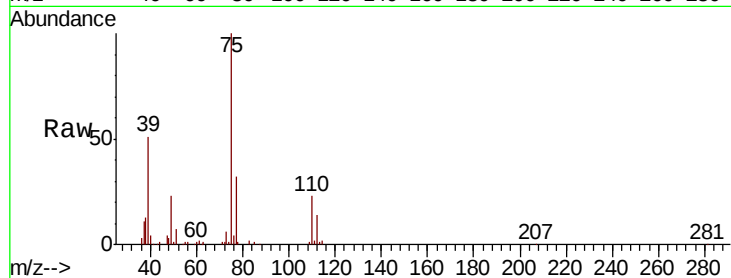
ClientSampled :

Tot Ion: 75 Resp: 110721

Ion Ratio Lower Upper

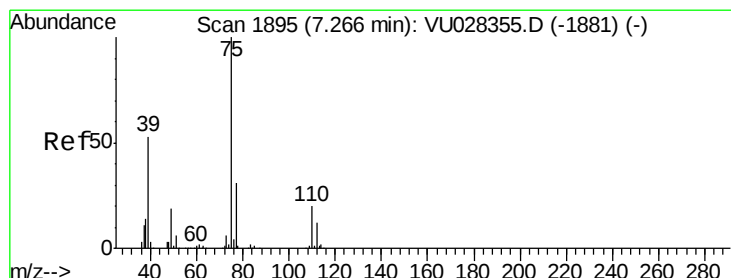
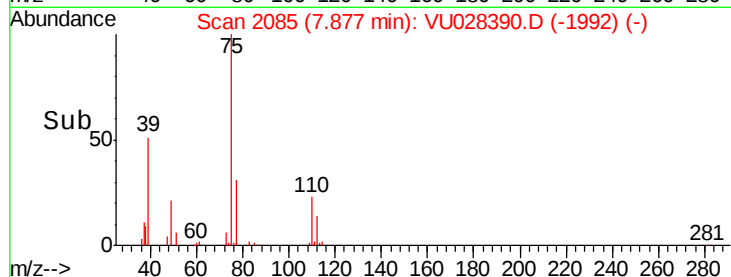
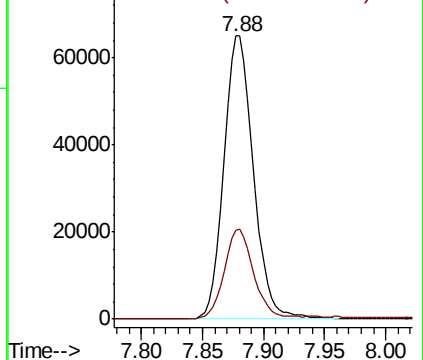
75 100

77 31.6 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 18.900 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

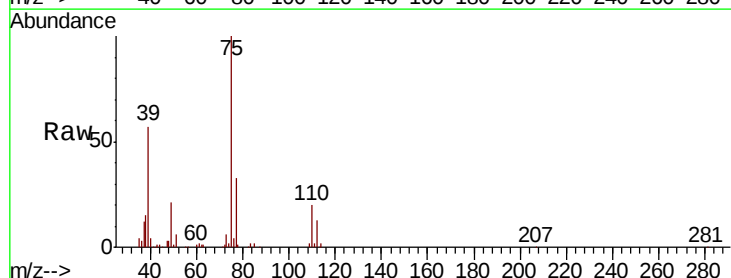
Tgt Ion: 75 Resp: 118233

Ion Ratio Lower Upper

75 100

77 32.6 24.9 37.3

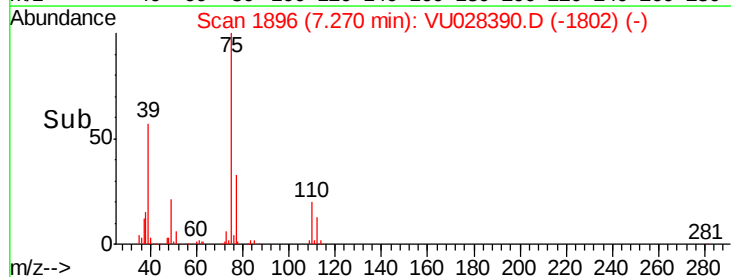
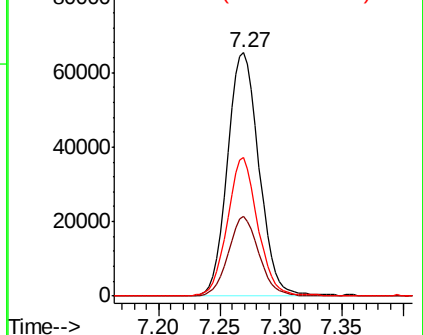
39 56.4 42.6 64.0

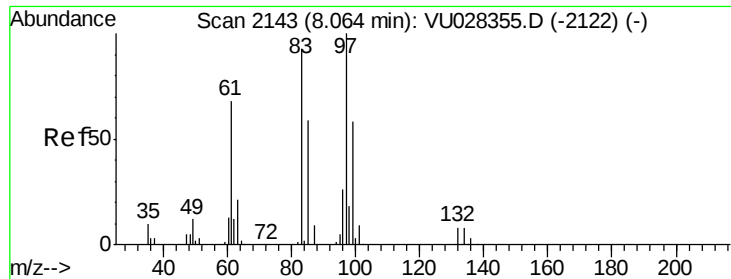


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

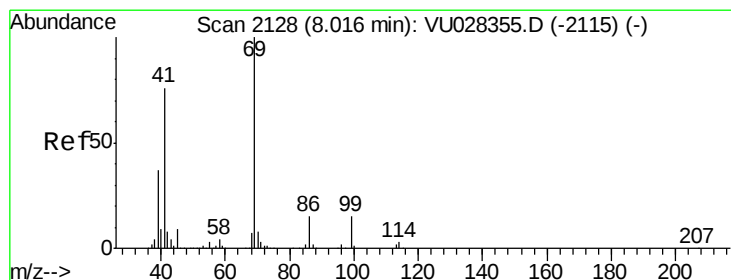
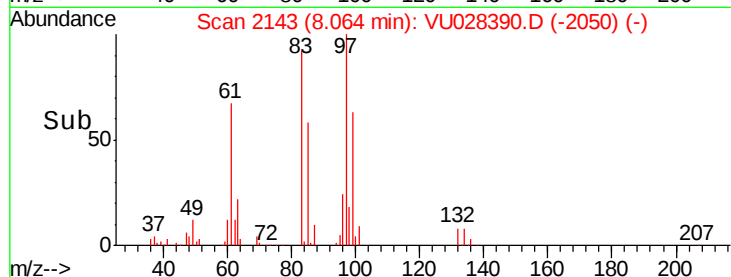
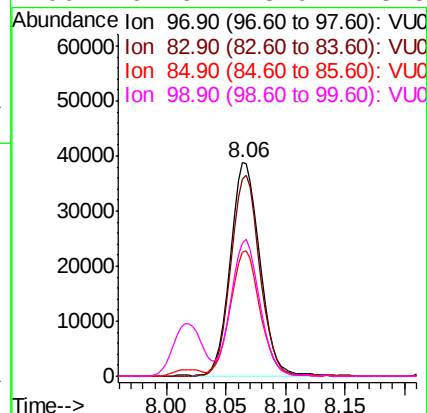
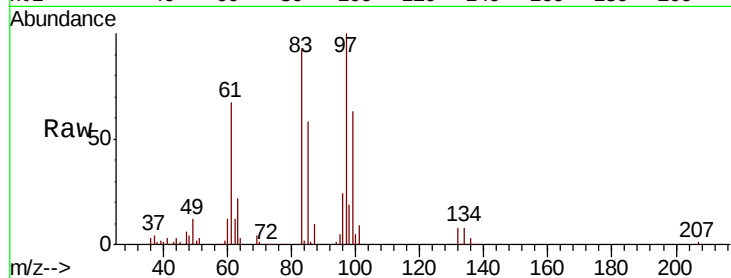




#55
 1,1,2-Trichloroethane
 Concen: 19.186 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

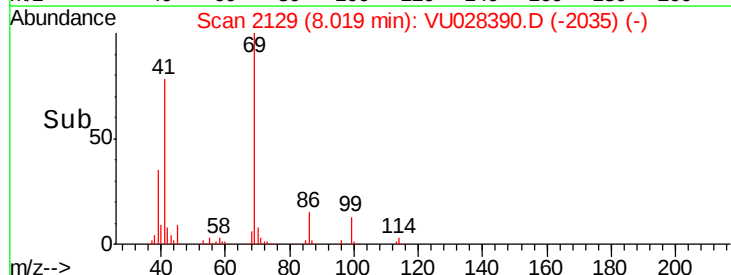
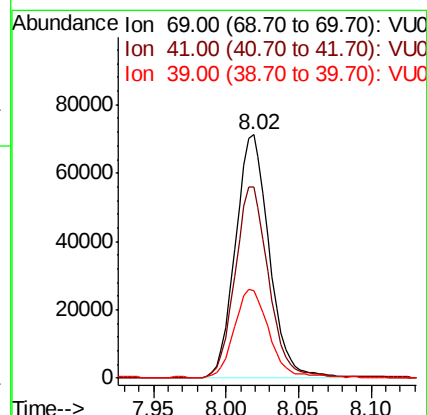
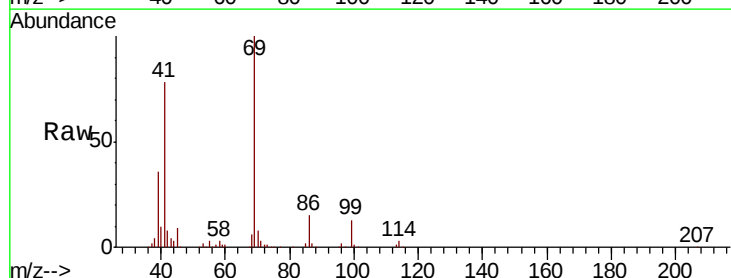
Instrument :
 MSVOA_U
 ClientSampleId :

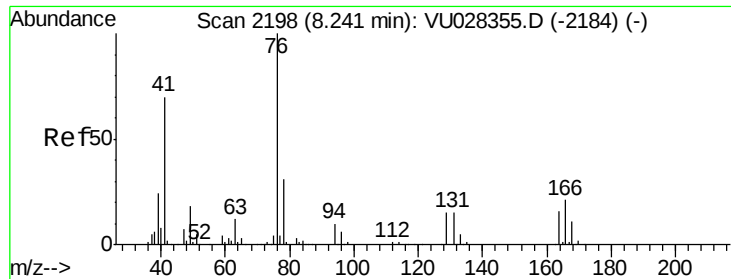
Tot Ion:	97	Resp:	67112
Ion	Ratio	Lower	Upper
97	100		
83	92.4	74.3	111.5
85	57.9	47.2	70.8
99	62.6	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 19.445 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

Tgt Ion:	69	Resp:	115716
Ion	Ratio	Lower	Upper
69	100		
41	78.2	60.0	90.0
39	36.8	29.0	43.6





#57

1,3-Dichloropropane

Concen: 19.210 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

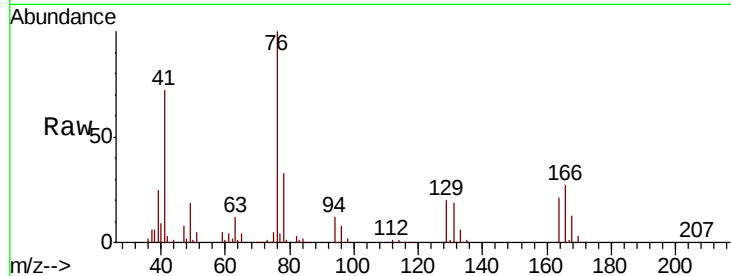
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 76 Resp: 123230

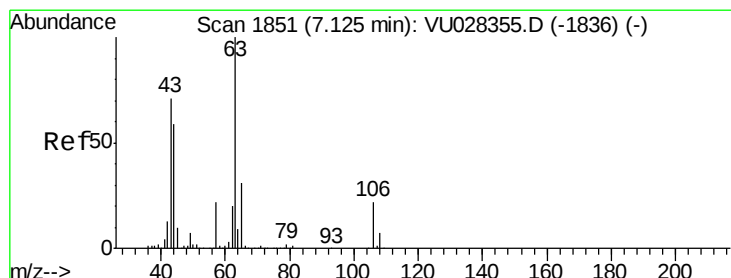
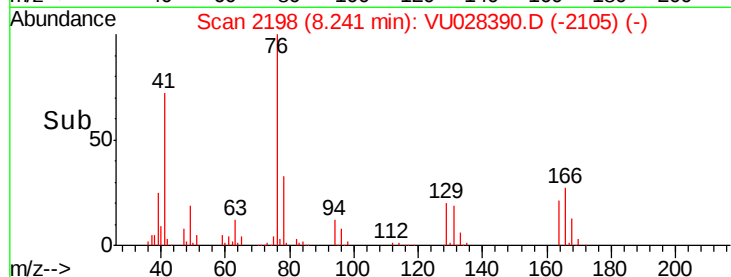
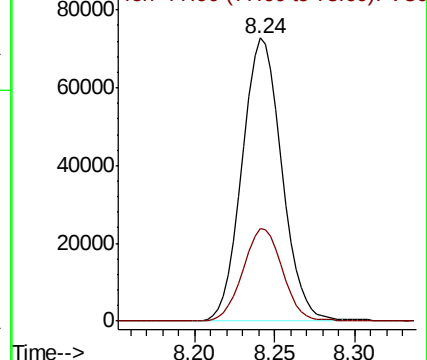
Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.0



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



#58

2-Chloroethyl Vinyl ether

Concen: 94.713 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VU028390.D

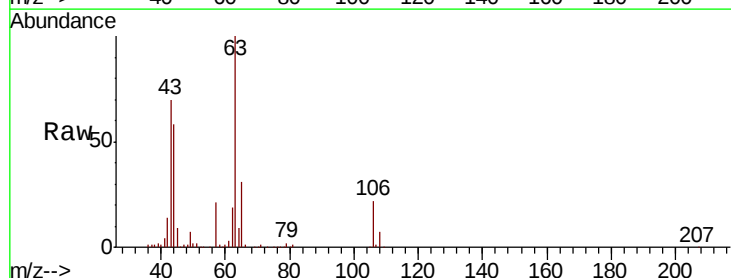
Acq: 29 Nov 2018 13:51

Tgt Ion: 63 Resp: 302598

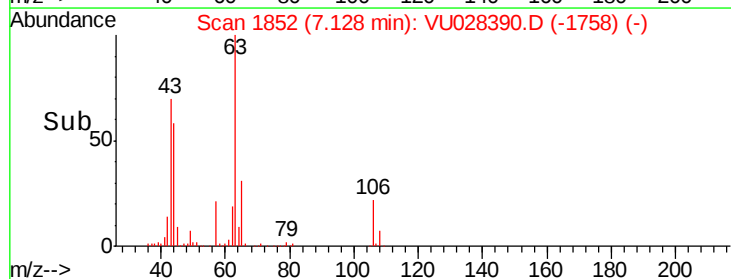
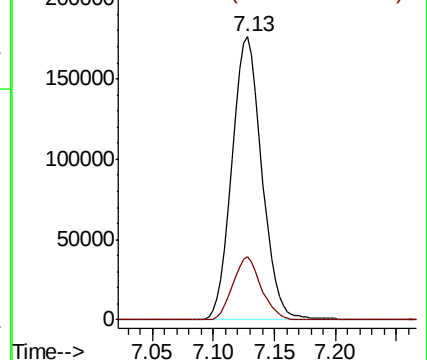
Ion Ratio Lower Upper

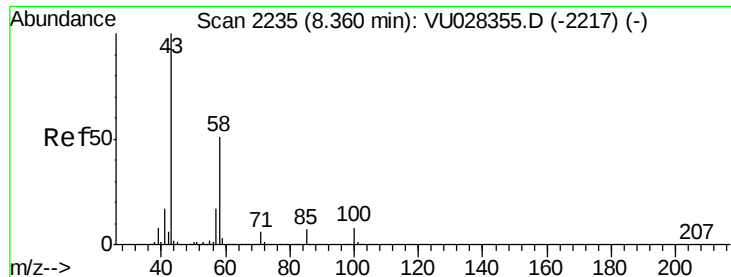
63 100

106 21.4 17.3 25.9



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

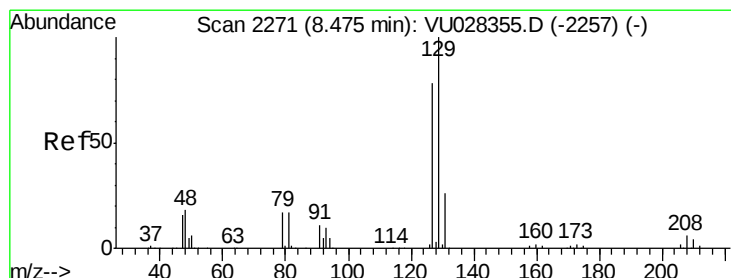
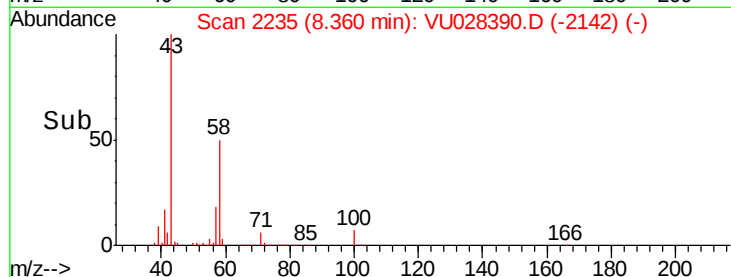
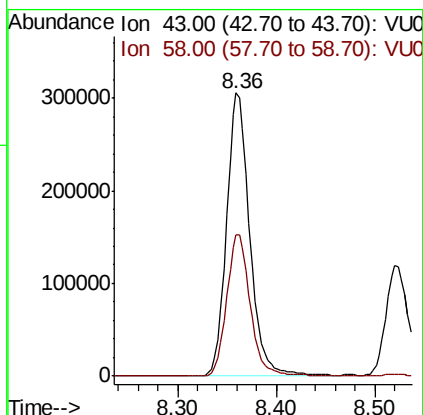
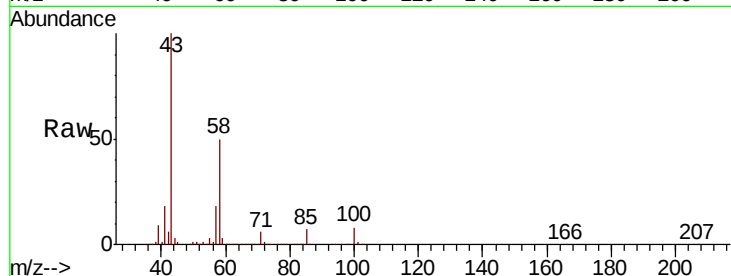




#59
2-Hexanone
Concen: 95.478 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

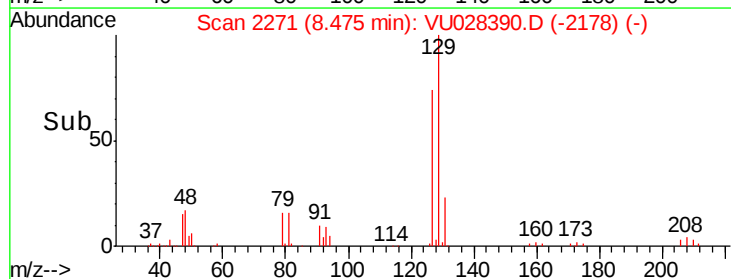
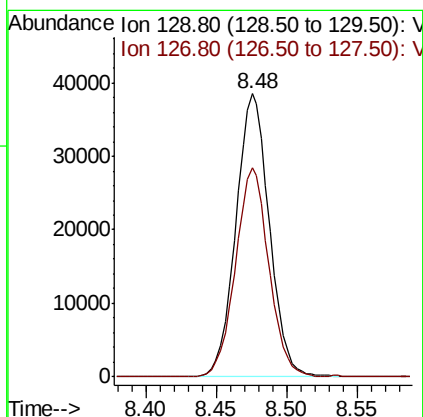
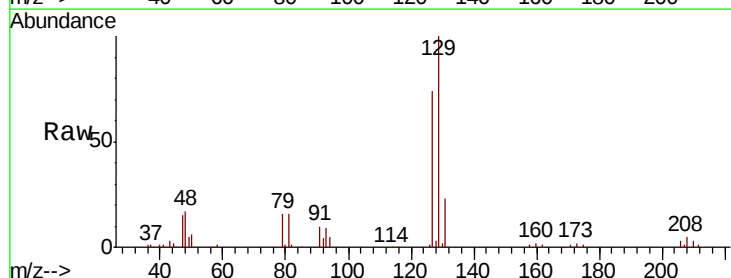
Instrument :
MSVOA_U
ClientSampleId :

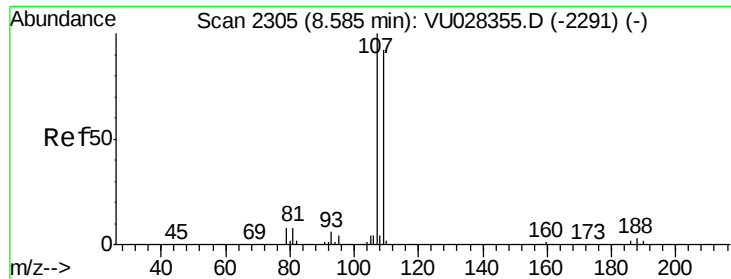
Tot Ion: 43 Resp: 502685
Ion Ratio Lower Upper
43 100
58 50.8 25.5 76.5



#60
Dibromochloromethane
Concen: 19.200 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion: 129 Resp: 63876
Ion Ratio Lower Upper
129 100
127 73.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.462 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

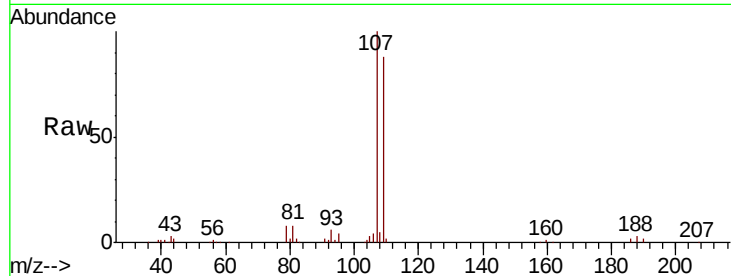
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:107 Resp: 73307

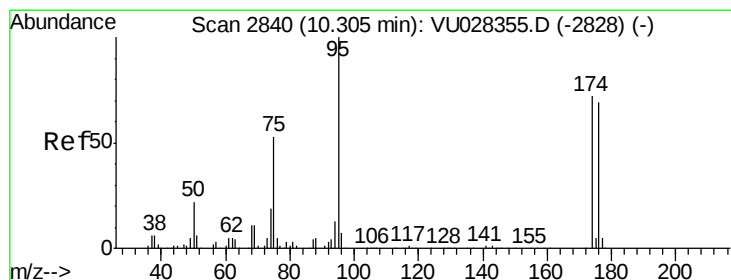
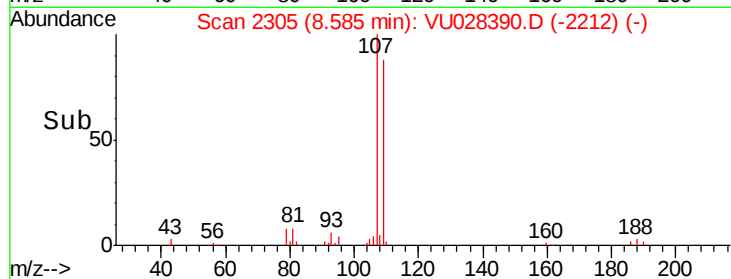
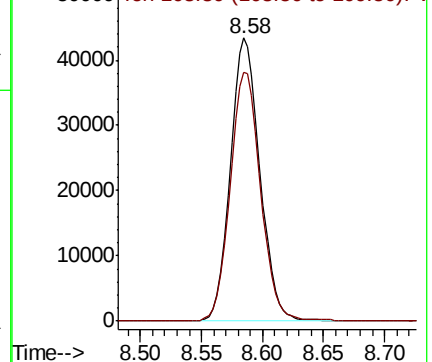
Ion Ratio Lower Upper

107 100

109 90.9 73.2 109.8



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.964 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

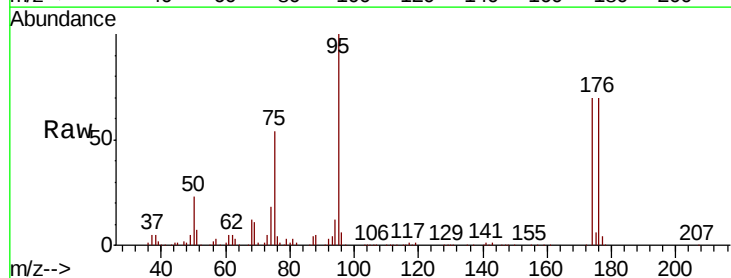
Tgt Ion: 95 Resp: 215672

Ion Ratio Lower Upper

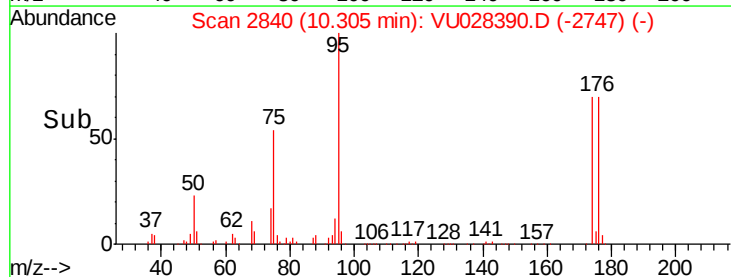
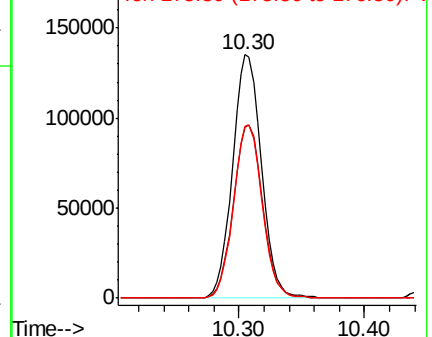
95 100

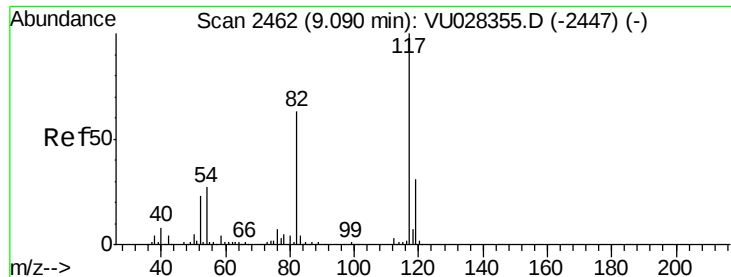
174 72.1 0.0 145.4

176 70.6 0.0 140.8



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

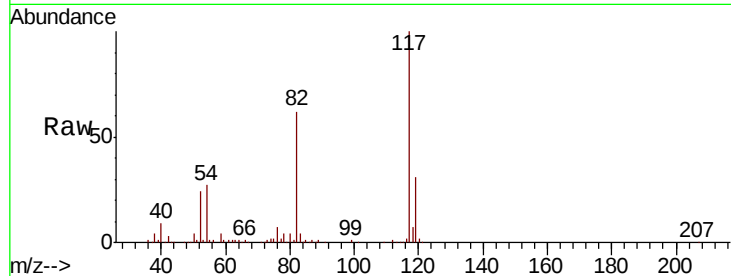




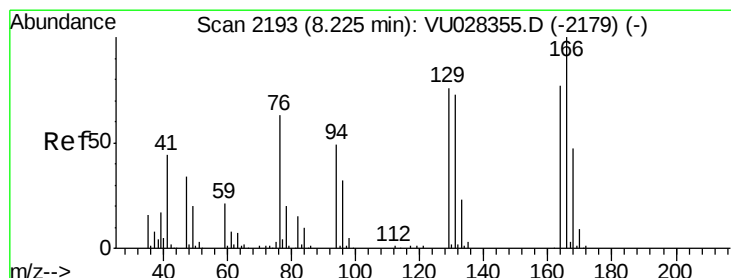
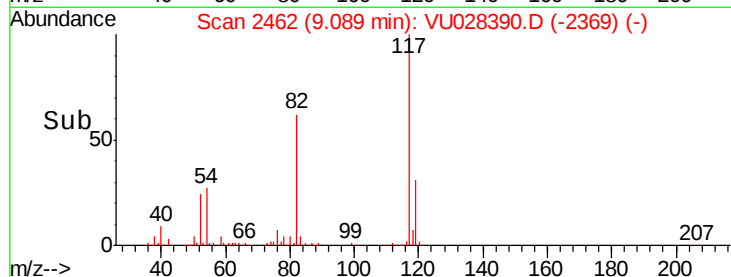
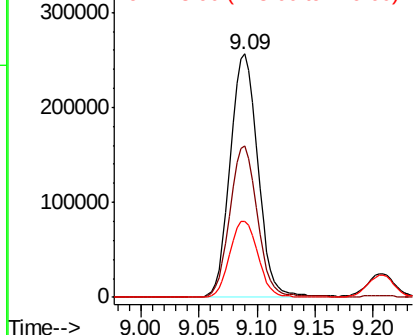
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 423472
Ion Ratio Lower Upper
117 100
82 62.0 50.3 75.5
119 31.4 24.8 37.2

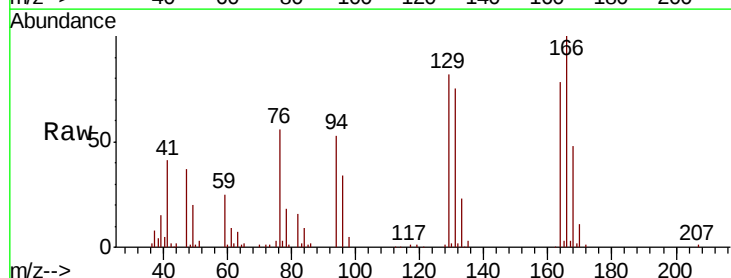


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

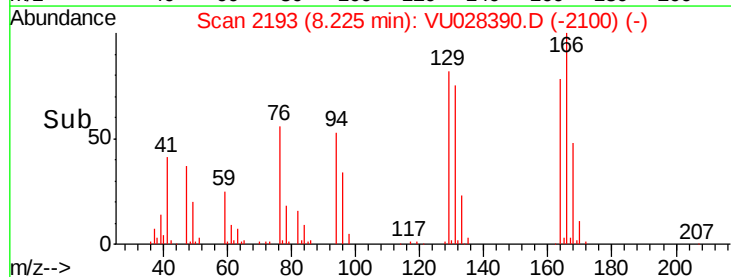
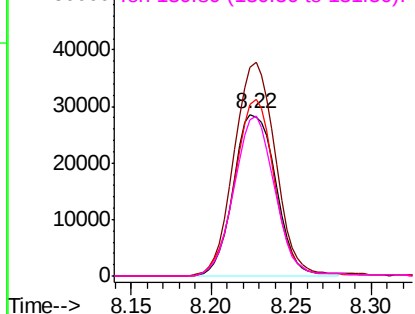


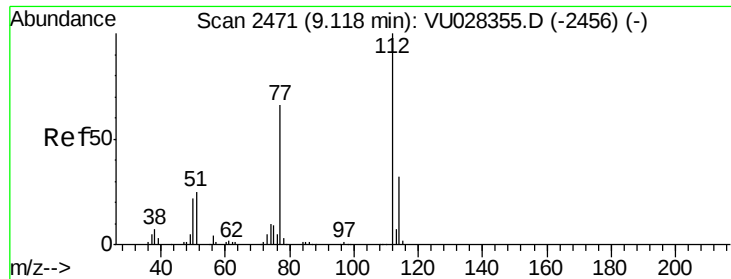
#64
Tetrachloroethene
Concen: 18.626 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion:164 Resp: 51885
Ion Ratio Lower Upper
164 100
166 129.0 104.0 156.0
129 105.9 79.2 118.8
131 96.7 75.7 113.5



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

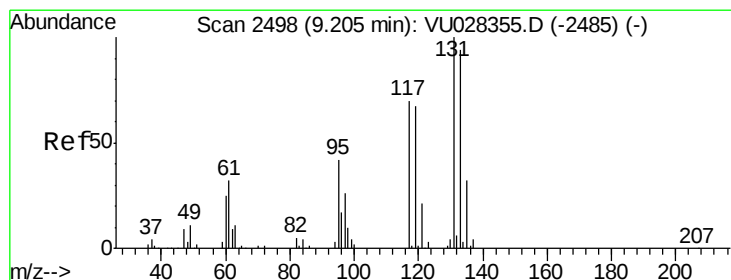
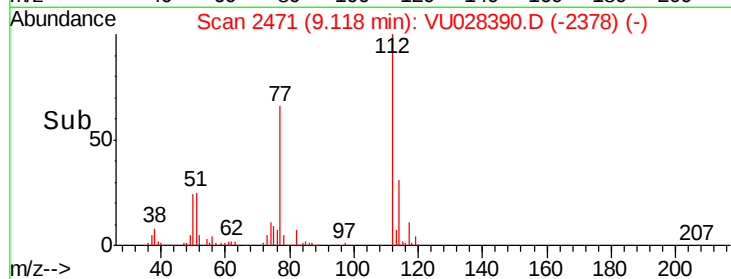
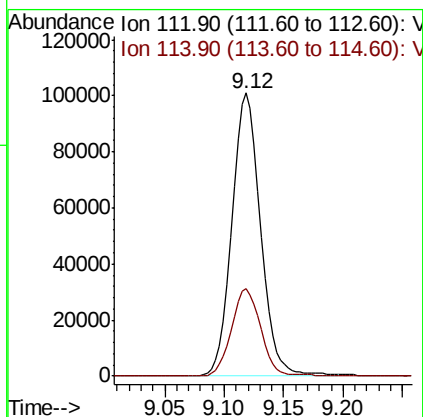
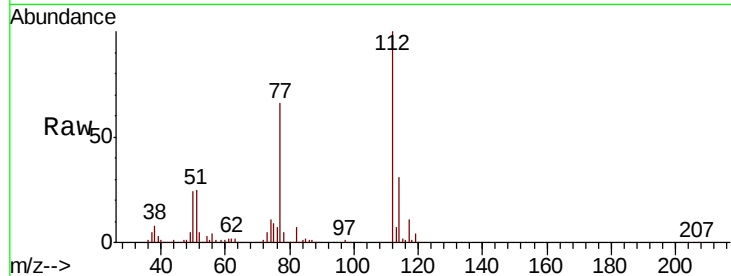




#65
Chlorobenzene
Concen: 19.159 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

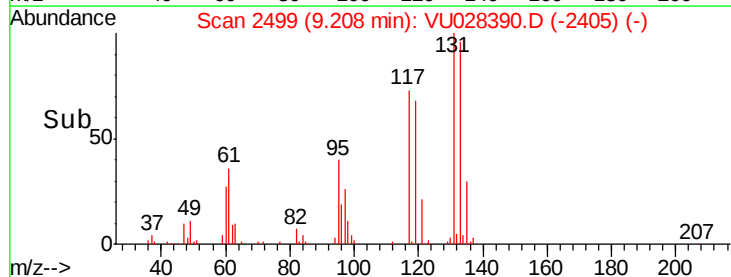
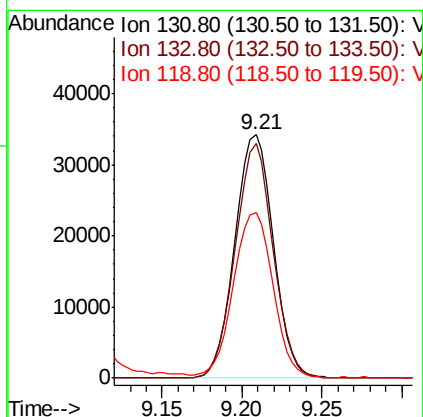
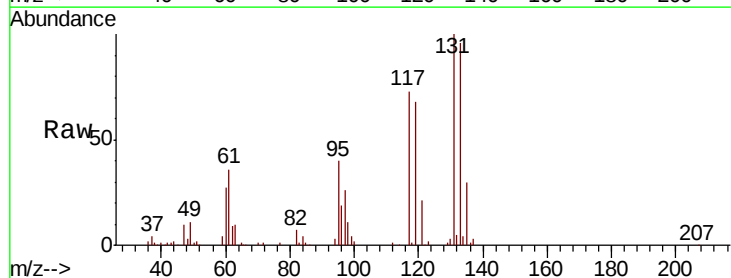
Instrument :
MSVOA_U
ClientSampled :

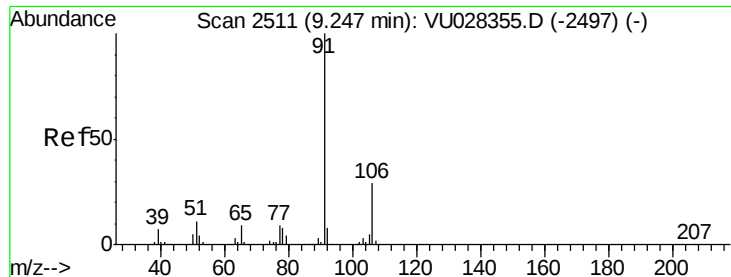
Tot Ion:112 Resp: 168469
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.626 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion:131 Resp: 56140
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 70.3 34.1 102.2





#67

Ethyl Benzene

Concen: 19.302 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

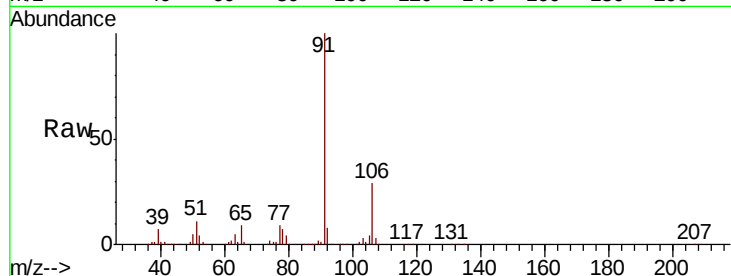
ClientSampleId :

Tot Ion: 91 Resp: 319668

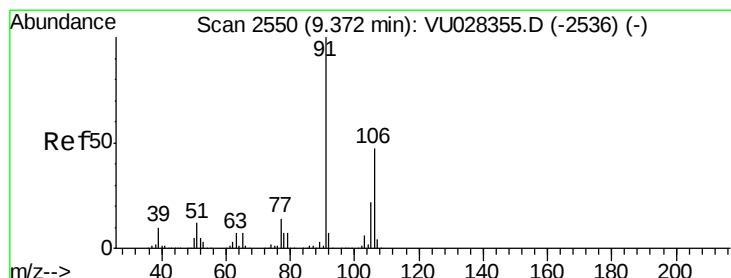
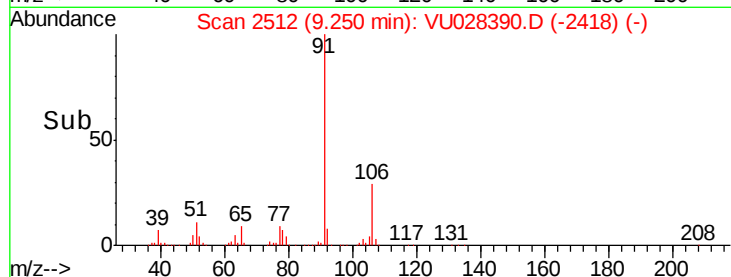
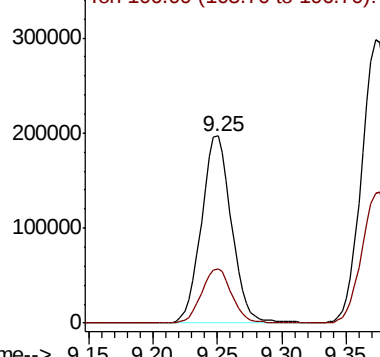
Ion Ratio Lower Upper

91 100

106 29.4 23.3 34.9



Abundance Ion 91.00 (90.70 to 91.70): VU028355.D (-2497) (-)



#68

m/p-Xylenes

Concen: 38.651 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU028390.D

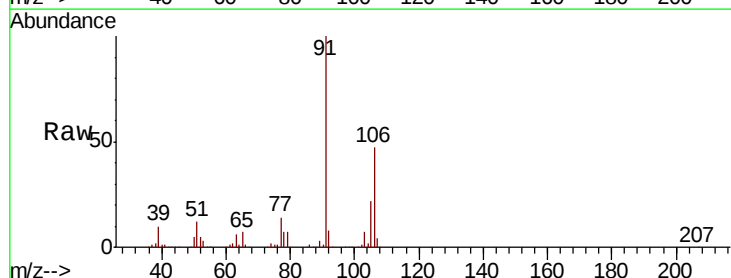
Acq: 29 Nov 2018 13:51

Tgt Ion: 106 Resp: 230393

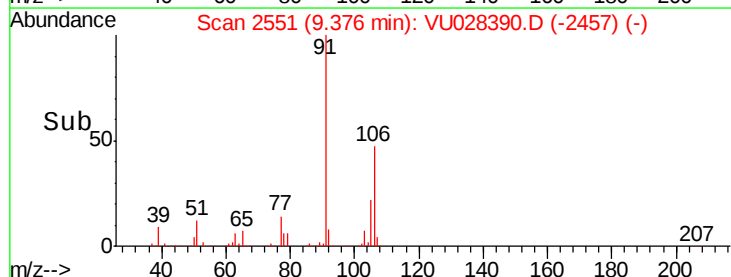
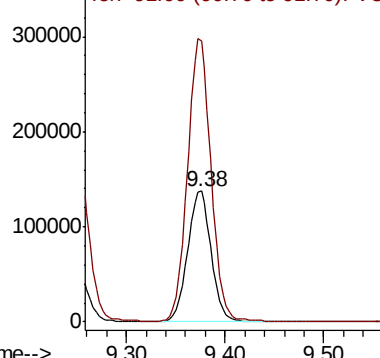
Ion Ratio Lower Upper

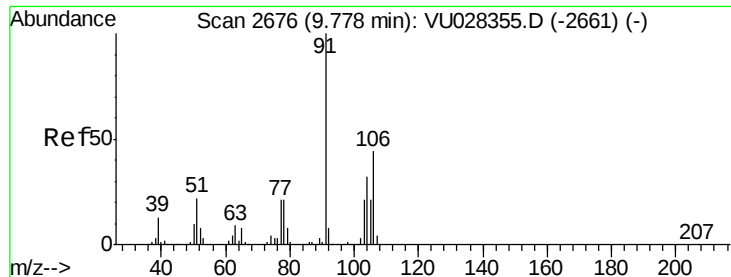
106 100

91 215.8 171.0 256.6



Abundance Ion 106.00 (105.70 to 106.70): VU028355.D (-2536) (-)

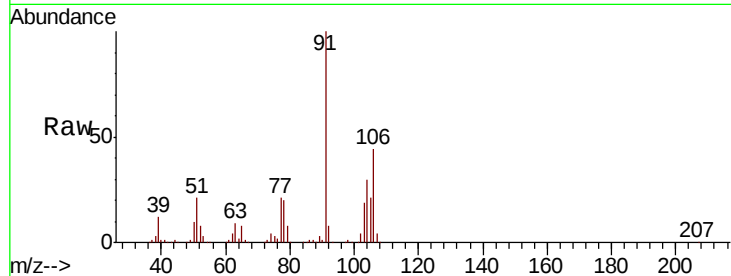




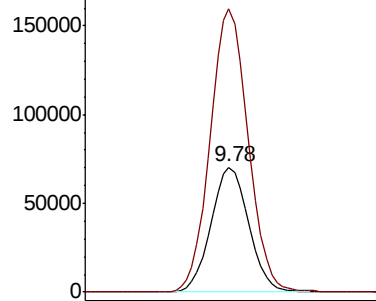
#69
o-Xylene
Concen: 18.783 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :

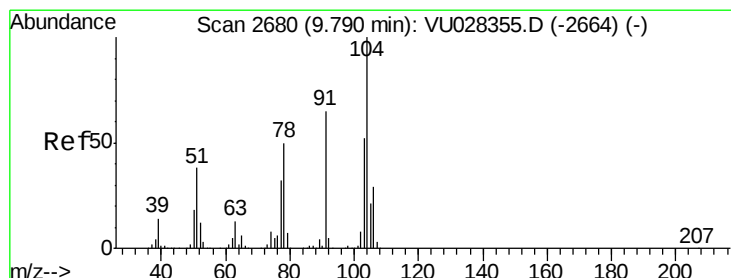
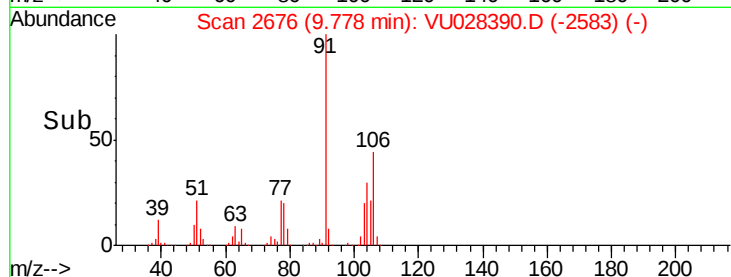
Tot Ion:106 Resp: 111304
Ion Ratio Lower Upper
106 100
91 228.2 112.7 338.0



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

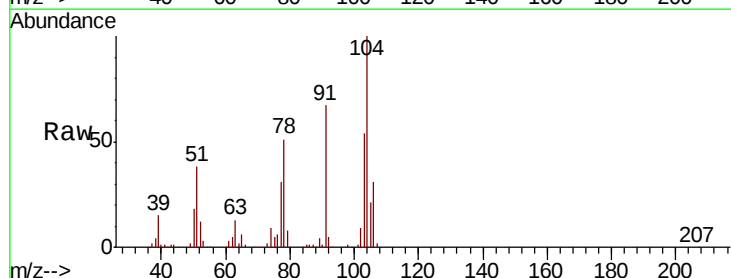


Time-->

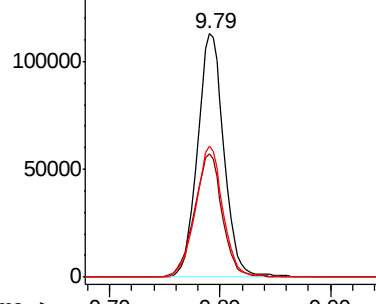


#70
Styrene
Concen: 19.613 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

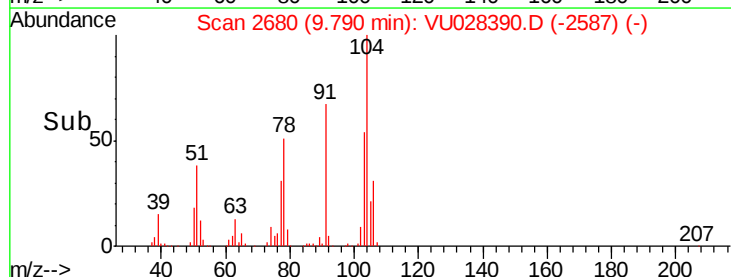
Tgt Ion:104 Resp: 187440
Ion Ratio Lower Upper
104 100
78 53.5 43.3 64.9
103 55.3 44.8 67.2

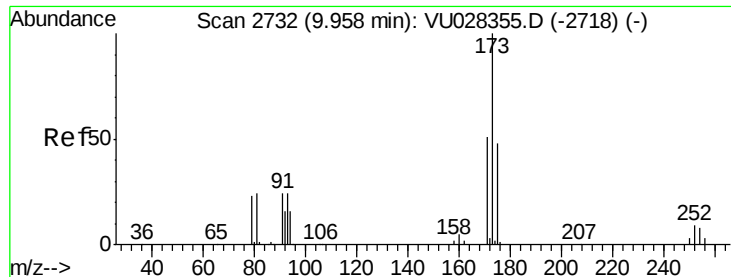


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 19.000 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

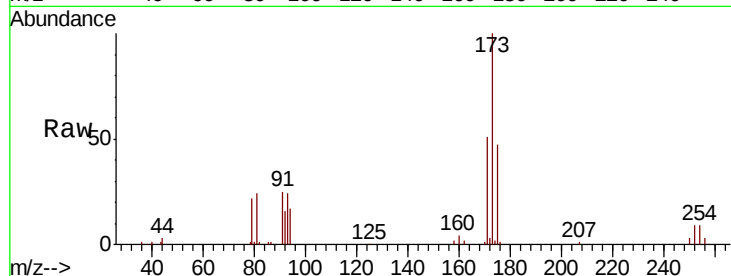
Tot Ion:173 Resp: 48135

Ion Ratio Lower Upper

173 100

175 47.1 24.1 72.4

254 0.0 0.0 0.0

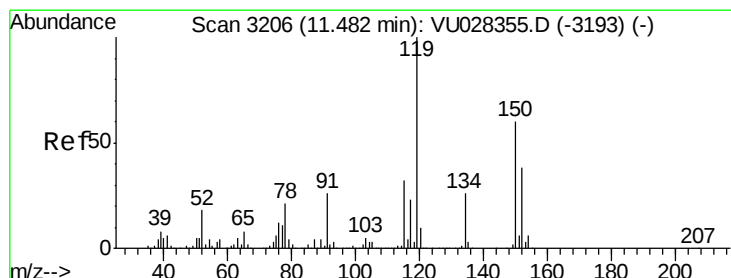
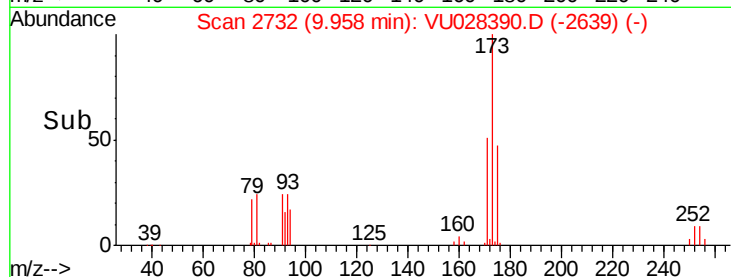
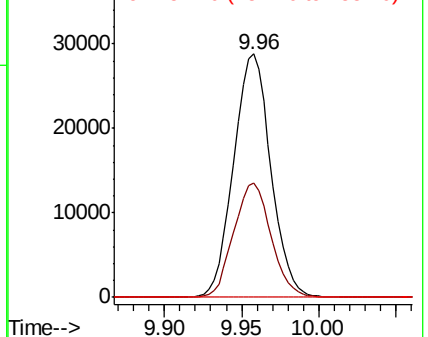


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

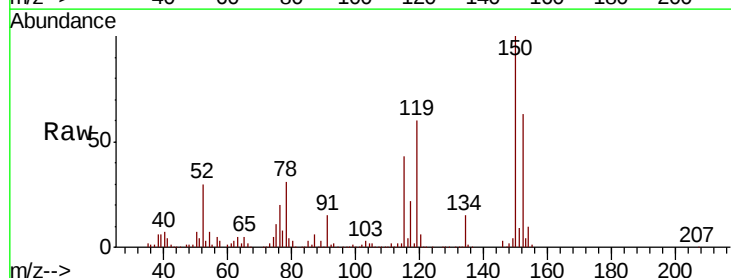
Tgt Ion:152 Resp: 200976

Ion Ratio Lower Upper

152 100

115 72.9 45.0 134.8

150 166.2 0.0 349.2

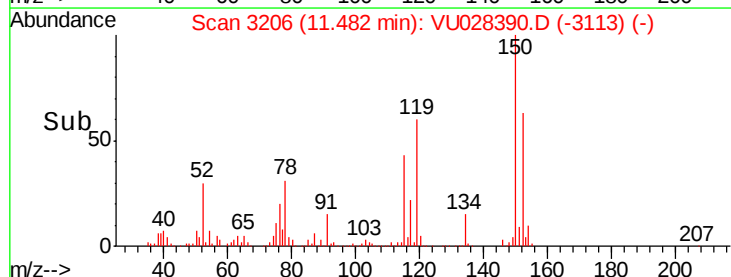
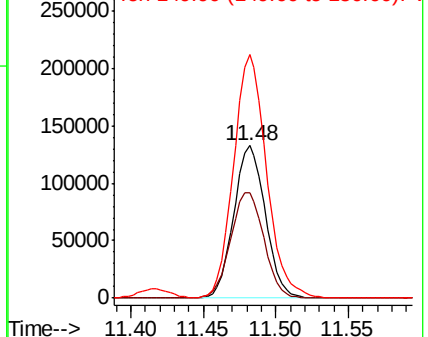


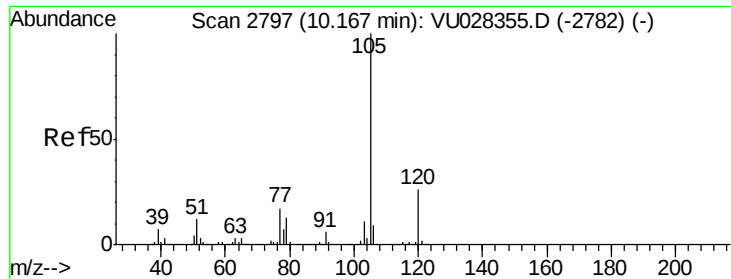
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.126 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

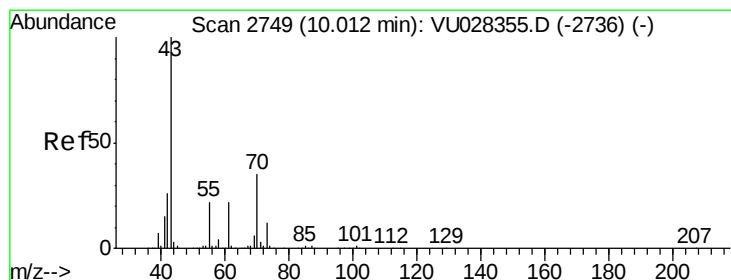
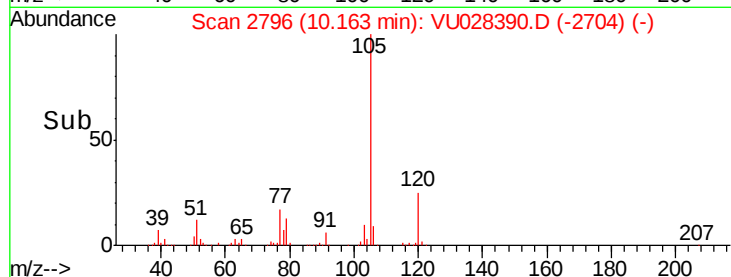
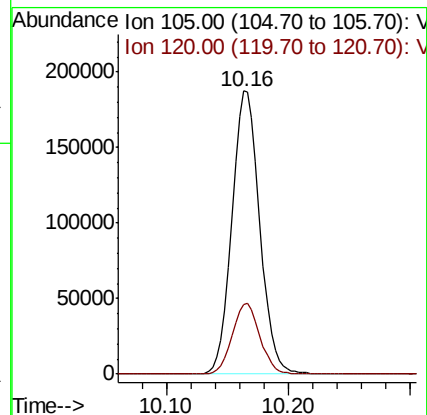
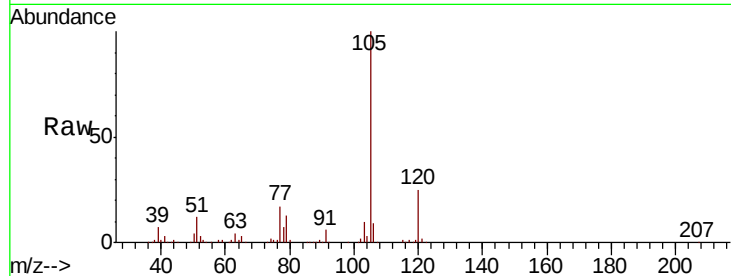
ClientSampleId :

Tot Ion:105 Resp: 298957

Ion Ratio Lower Upper

105 100

120 24.9 12.8 38.3



#74

N-ethyl acetate

Concen: 18.701 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Tgt Ion: 43 Resp: 183146

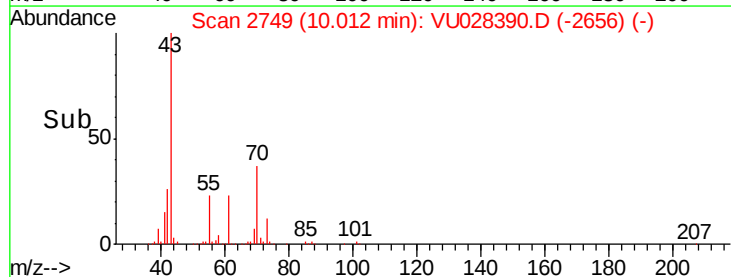
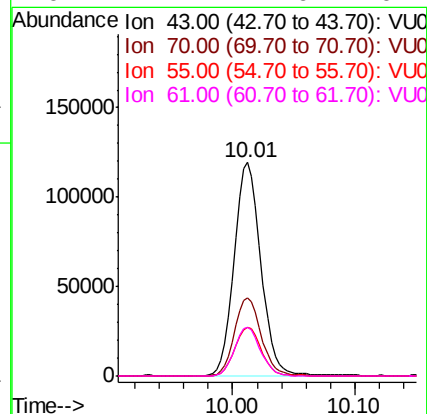
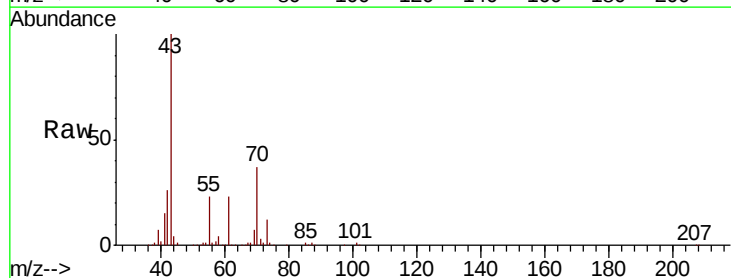
Ion Ratio Lower Upper

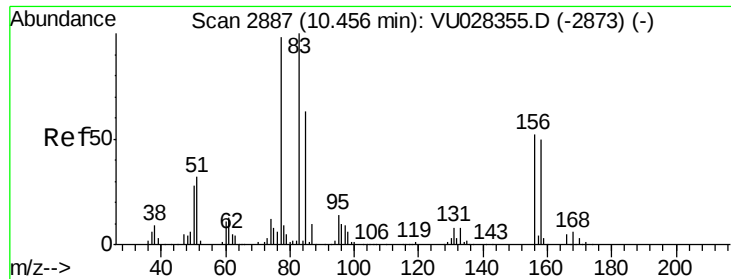
43 100

70 36.7 28.4 42.6

55 22.8 18.0 27.0

61 22.2 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.011 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

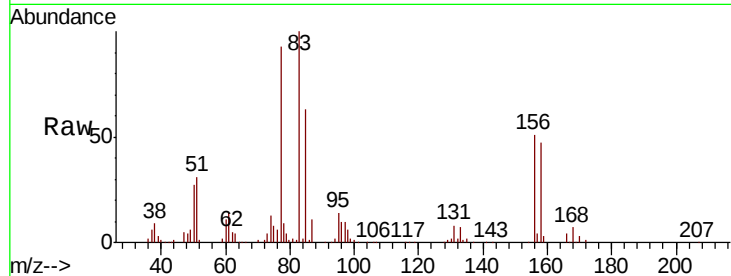
Tot Ion: 83 Resp: 122201

Ion Ratio Lower Upper

83 100

131 8.1 4.0 12.2

85 62.9 31.8 95.4

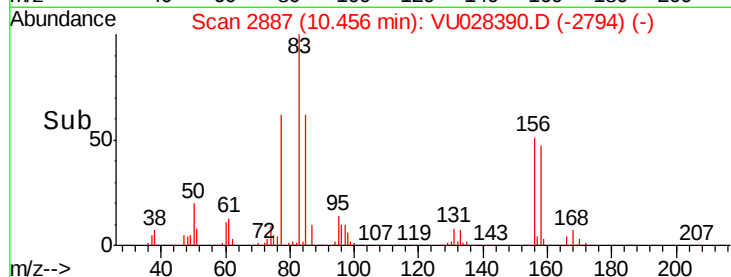


Abundance Ion 82.90 (82.60 to 83.60): VU028390.D (-2794) (-)

Ion 130.80 (130.50 to 131.50): VU028390.D (-2794) (-)

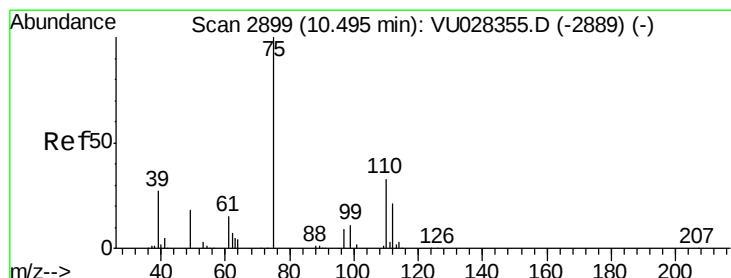
Ion 84.90 (84.60 to 85.60): VU028390.D (-2794) (-)

Time-->



10.46

Time-->



#76

1,2,3-Trichloropropane

Concen: 25.273 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU028390.D

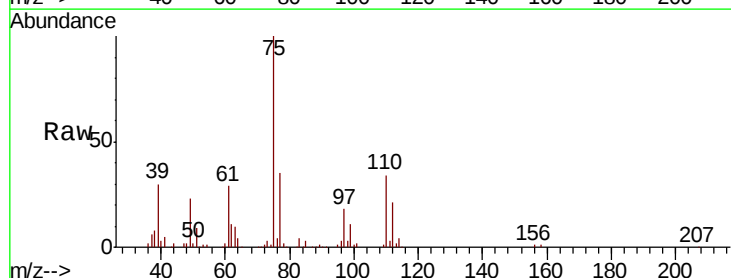
Acq: 29 Nov 2018 13:51

Tgt Ion: 75 Resp: 140851

Ion Ratio Lower Upper

75 100

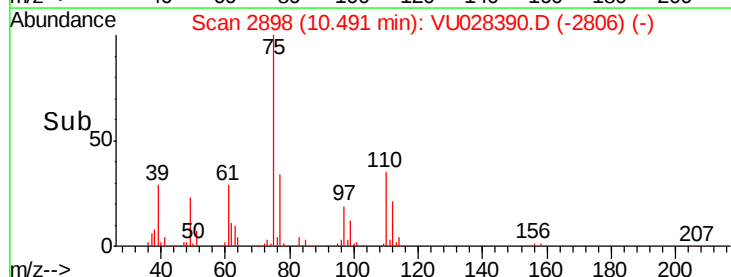
77 31.2 22.4 67.0



Abundance Ion 74.90 (74.60 to 75.60): VU028390.D (-2806) (-)

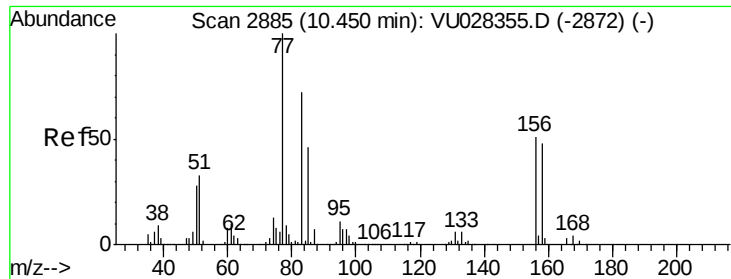
Ion 77.00 (76.70 to 77.70): VU028390.D (-2806) (-)

Time-->



10.49

Time-->



#77

Bromobenzene

Concen: 18.773 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

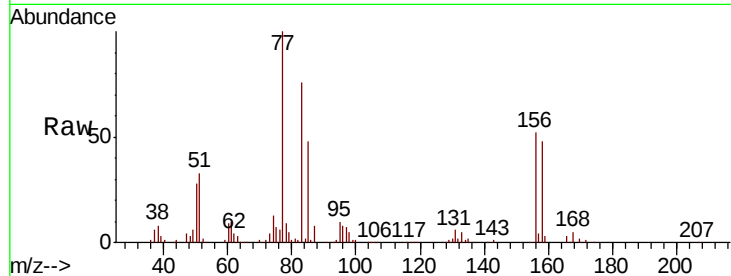
Tot Ion:156 Resp: 69144

Ion Ratio Lower Upper

156 100

77 194.4 97.0 290.9

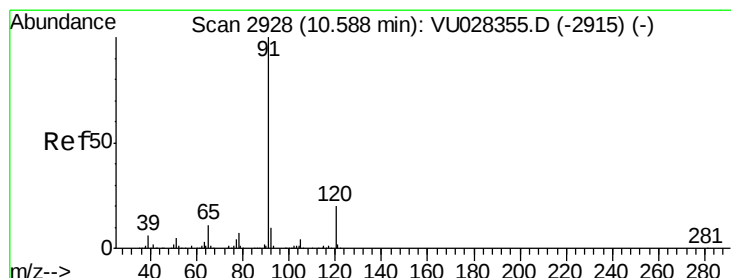
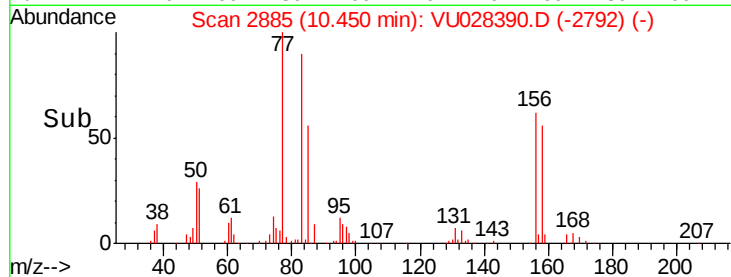
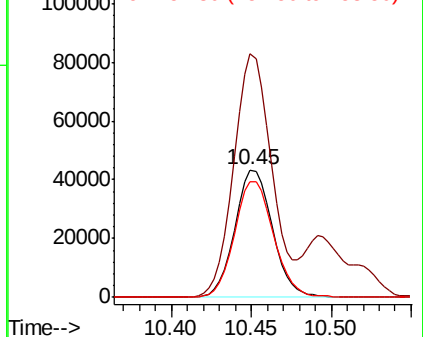
158 94.7 46.8 140.4



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: 19.335 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028390.D

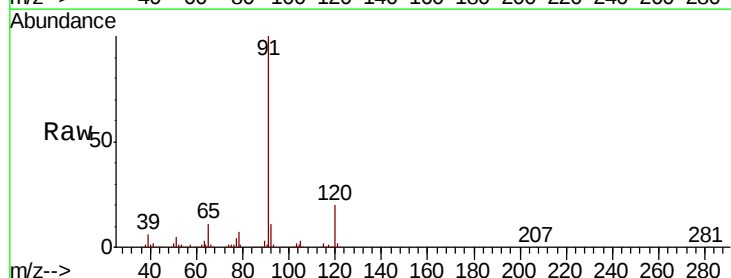
Acq: 29 Nov 2018 13:51

Tgt Ion: 91 Resp: 372823

Ion Ratio Lower Upper

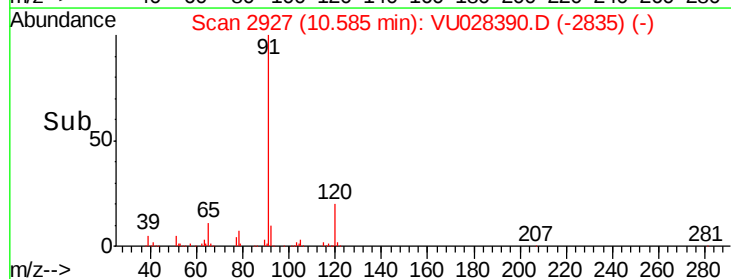
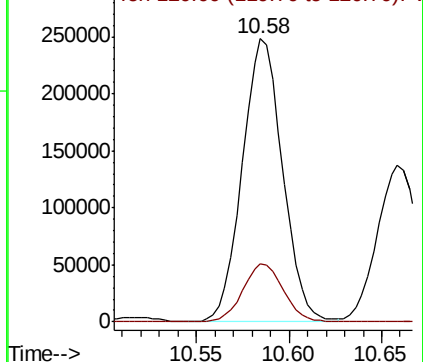
91 100

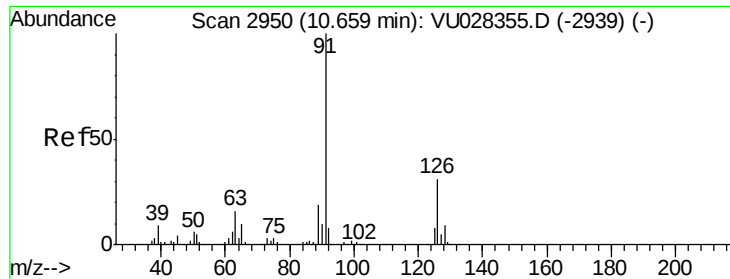
120 20.7 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.110 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

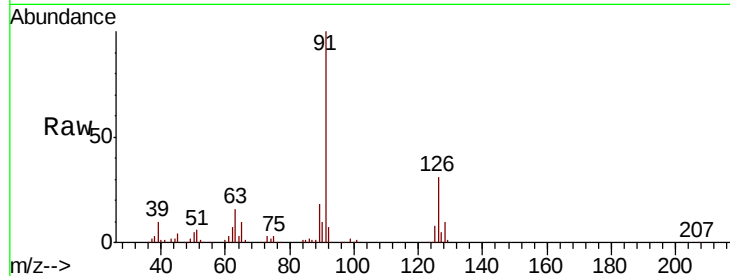
ClientSampled :

Tot Ion: 91 Resp: 217227

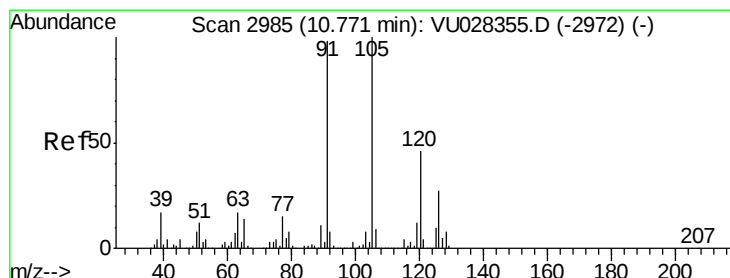
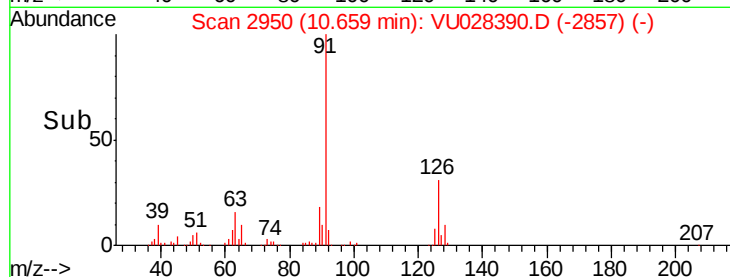
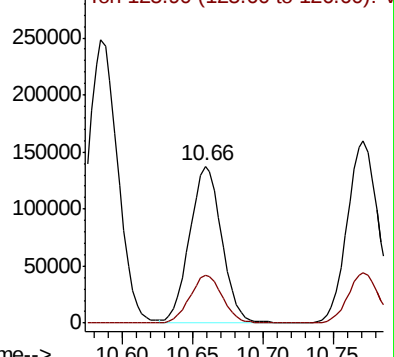
Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VU028355.D (-2939) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.929 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028390.D

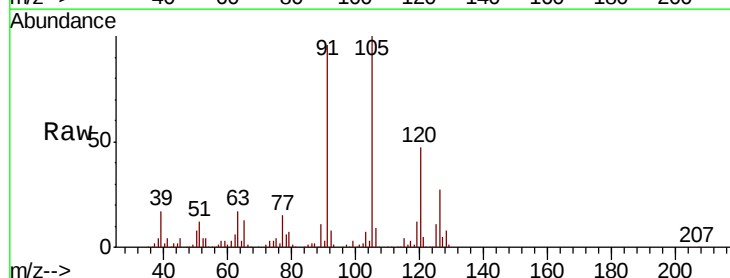
Acq: 29 Nov 2018 13:51

Tgt Ion: 105 Resp: 249341

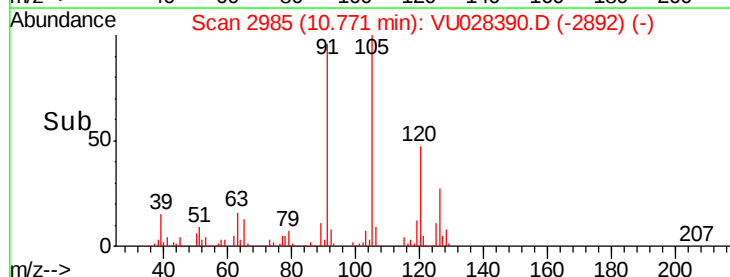
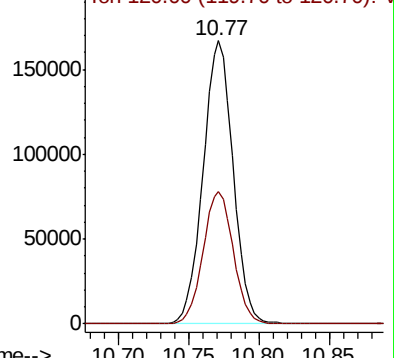
Ion Ratio Lower Upper

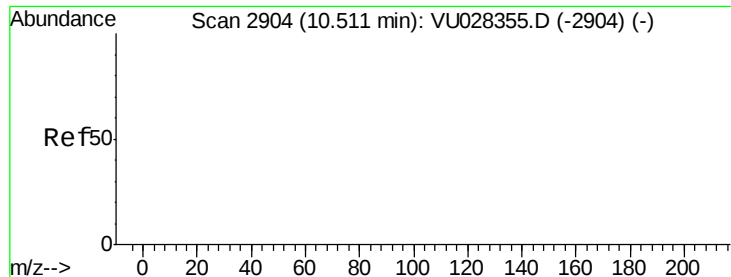
105 100

120 47.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VU028355.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 67.086 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

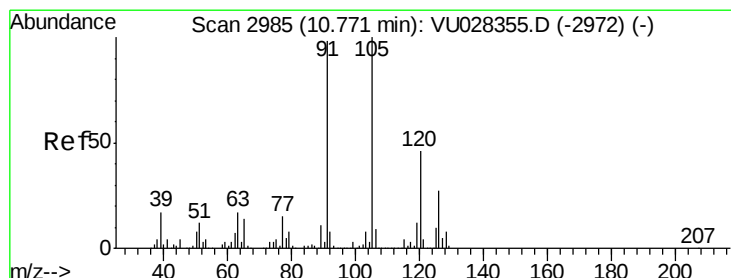
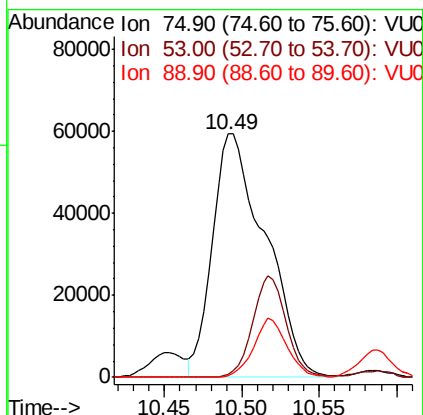
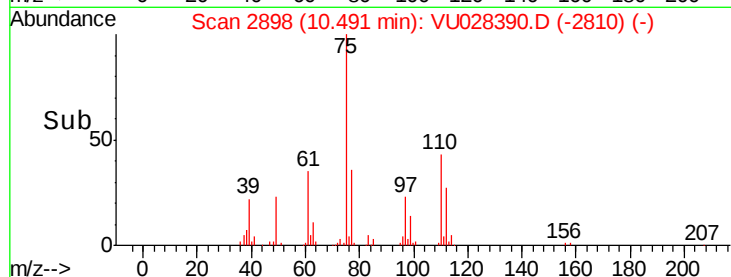
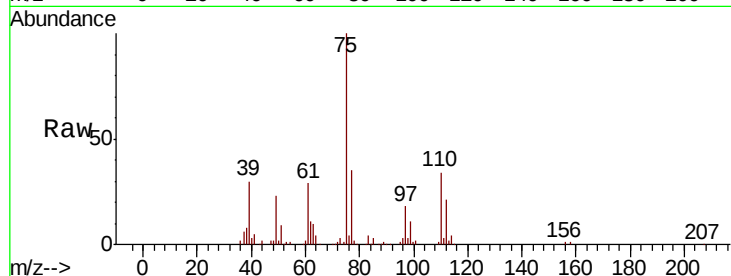
Tot Ion: 75 Resp: 140851

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 18.990 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028390.D

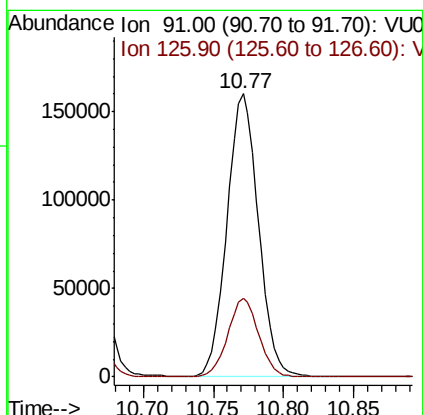
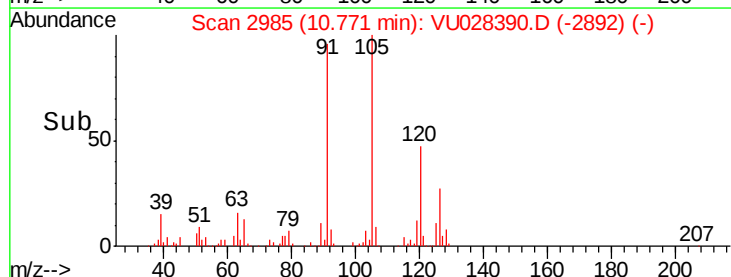
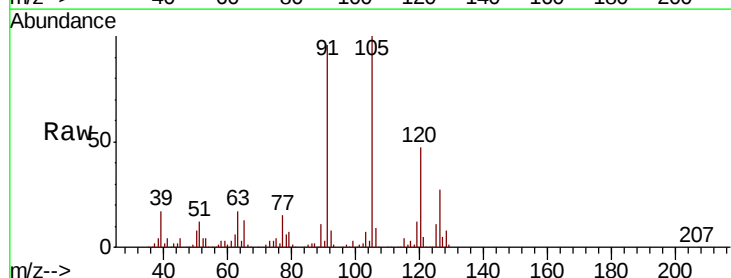
Acq: 29 Nov 2018 13:51

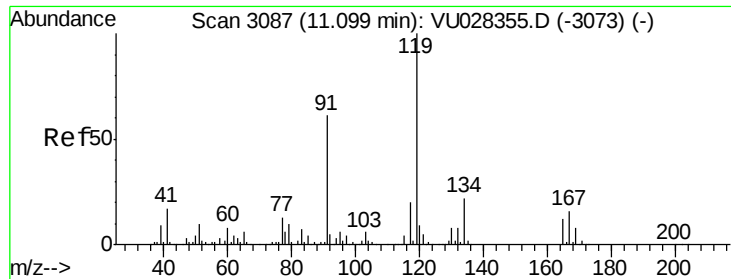
Tgt Ion: 91 Resp: 248706

Ion Ratio Lower Upper

91 100

126 27.5 13.9 41.6

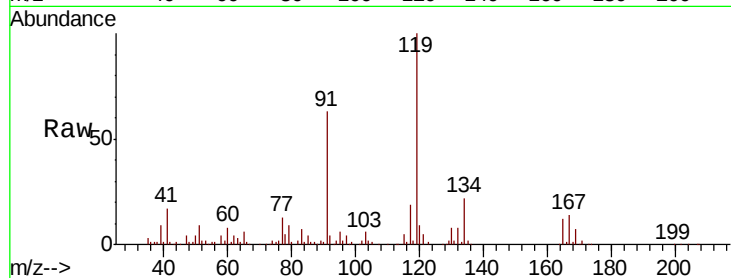




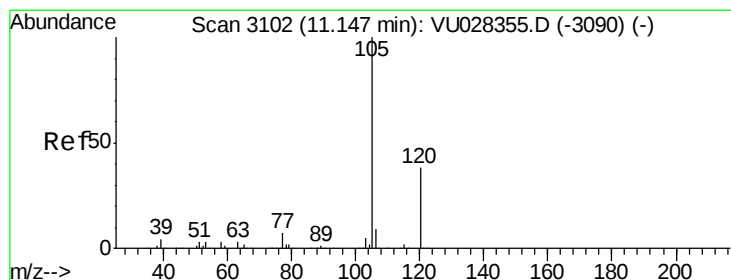
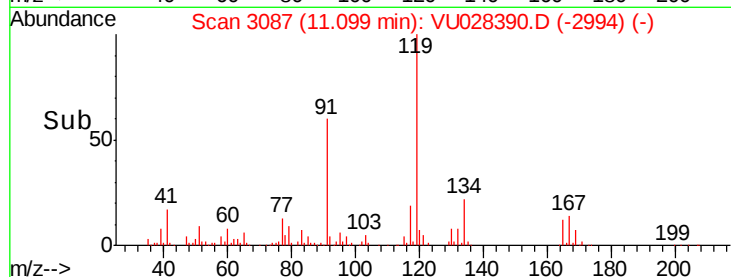
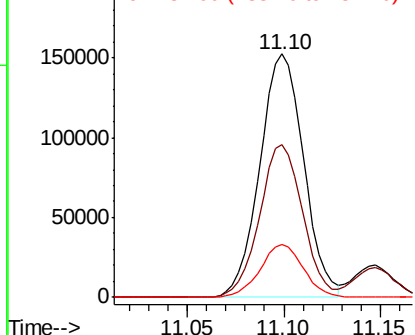
#83
tert-Butylbenzene
Concen: 19.577 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	30.8	92.4
134	21.4	11.1	33.1

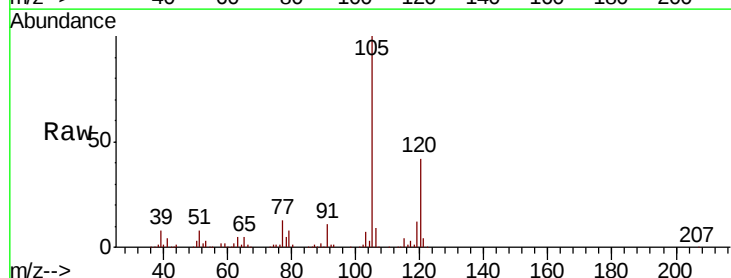


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

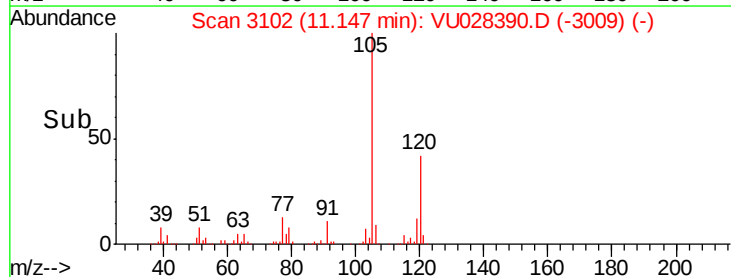
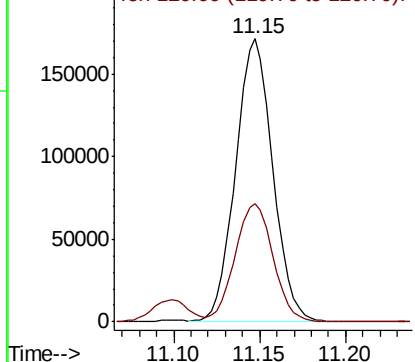


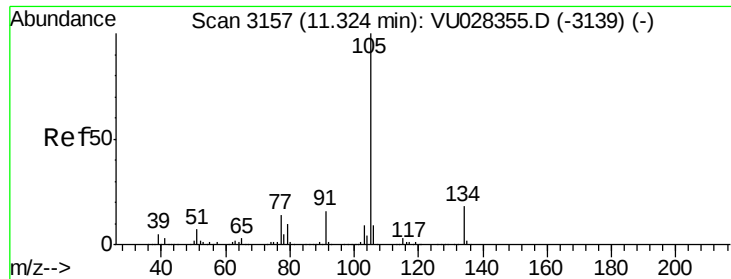
#84
1,2,4-Trimethylbenzene
Concen: 19.131 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.4	64.3



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





#85

sec-Butylbenzene

Concen: 19.271 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

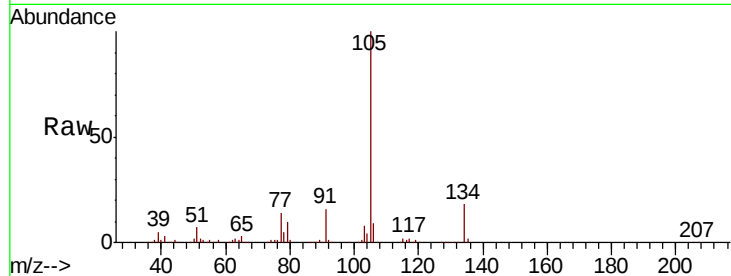
ClientSampleId :

Tot Ion:105 Resp: 307339

Ion Ratio Lower Upper

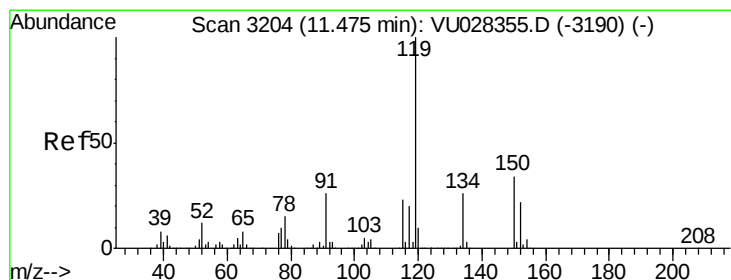
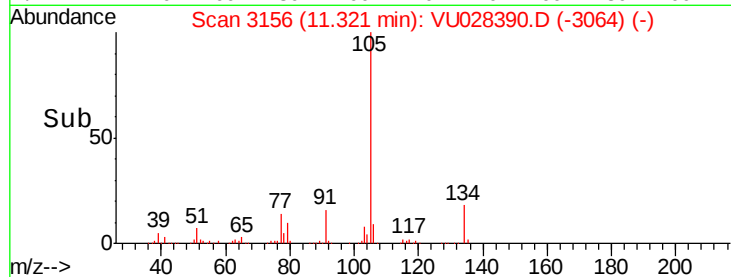
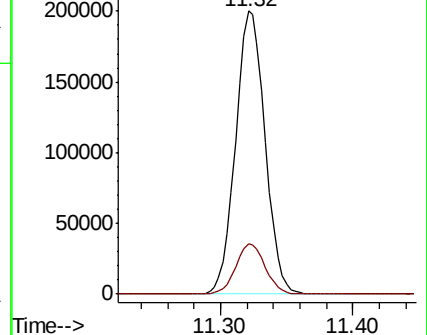
105 100

134 17.8 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.474 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

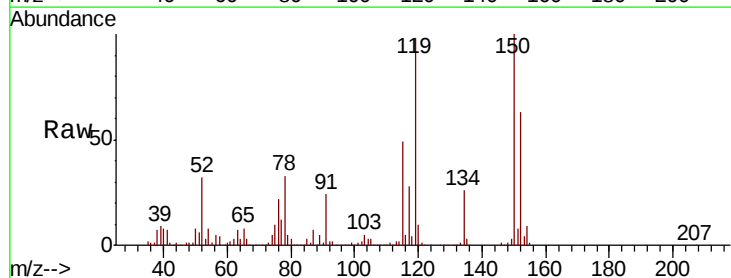
Tgt Ion:119 Resp: 255373

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

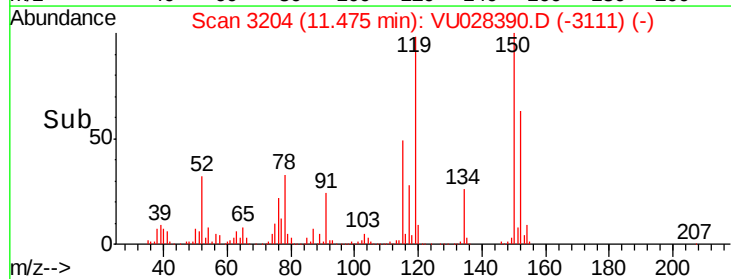
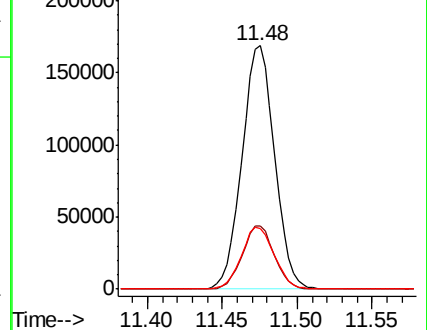
91 25.6 13.1 39.1

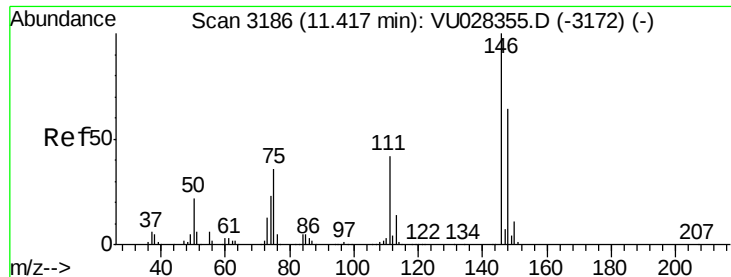


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87

1,3-Dichlorobenzene

Concen: 18.818 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampled :

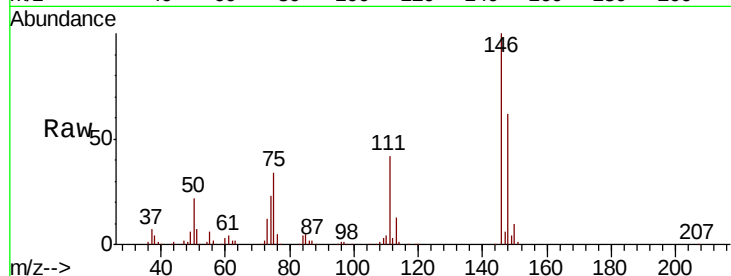
Tot Ion:146 Resp: 126411

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.4

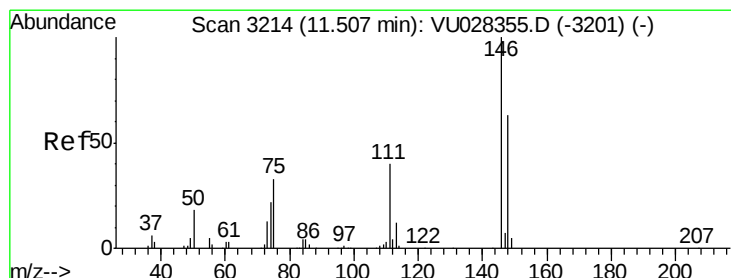
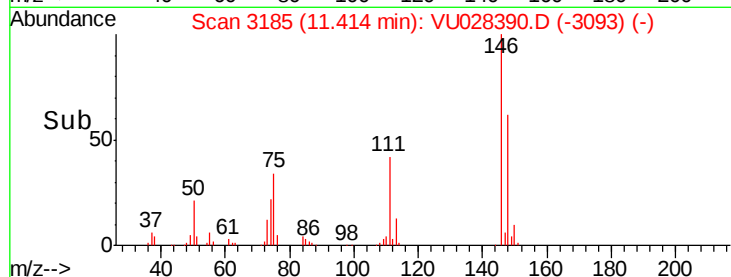
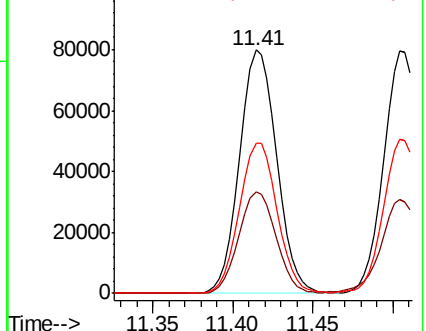
148 62.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.979 ug/l

RT: 11.50 min Scan# 3213

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

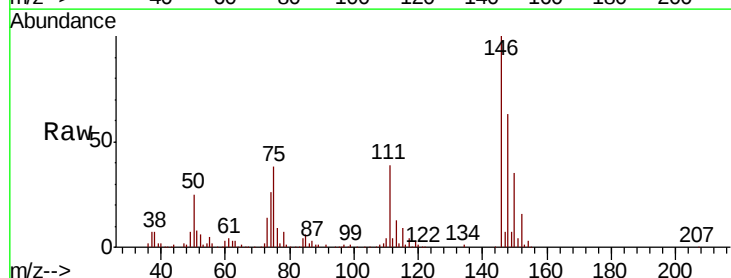
Tgt Ion:146 Resp: 128313

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

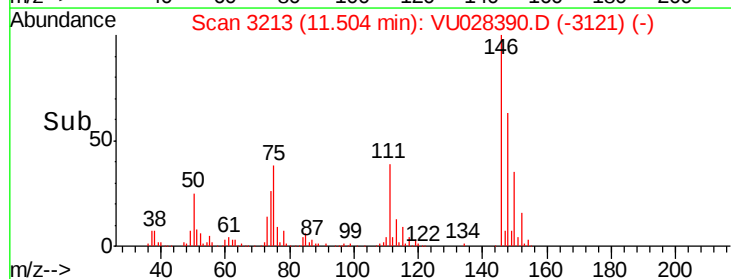
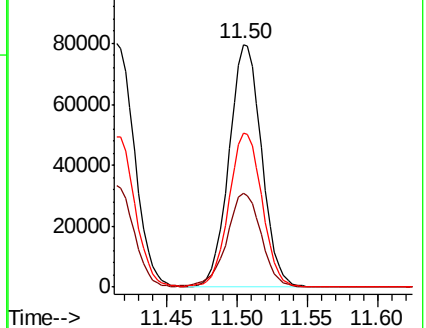
148 64.7 31.1 93.5

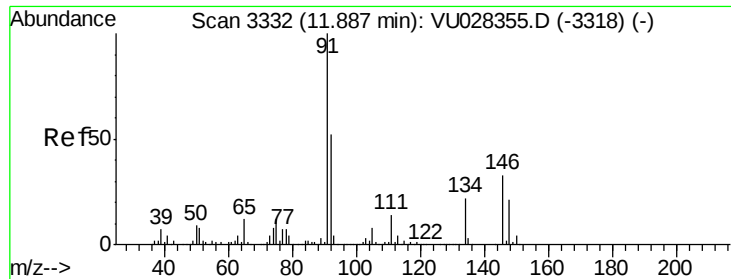


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

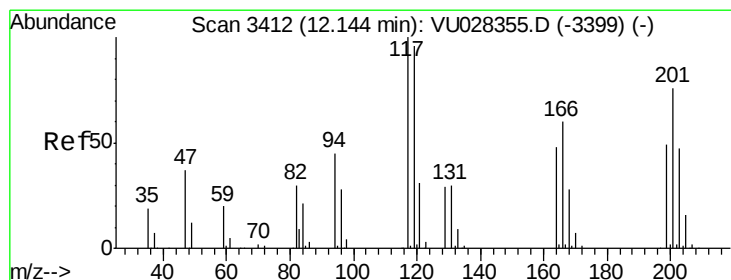
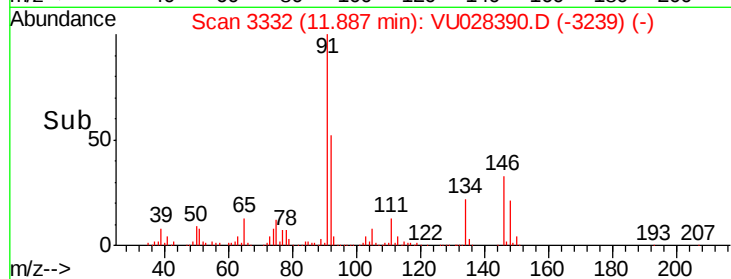
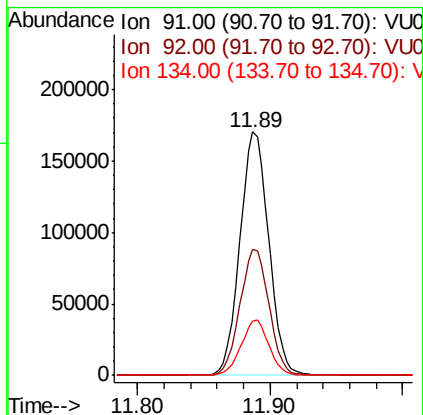
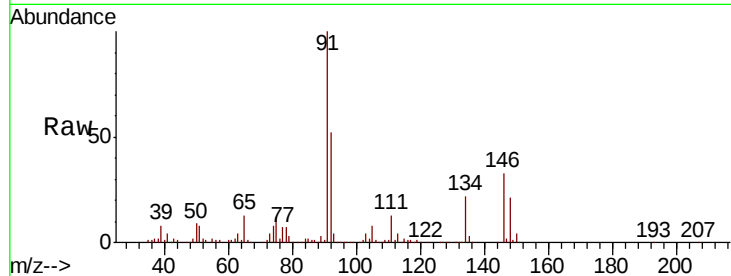




#89
n-Butylbenzene
Concen: 19.864 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

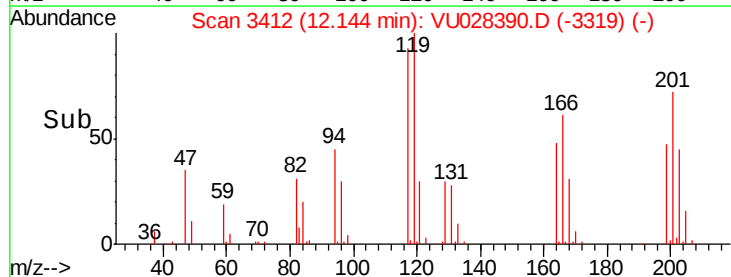
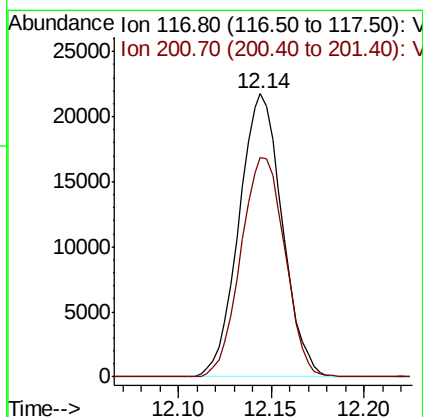
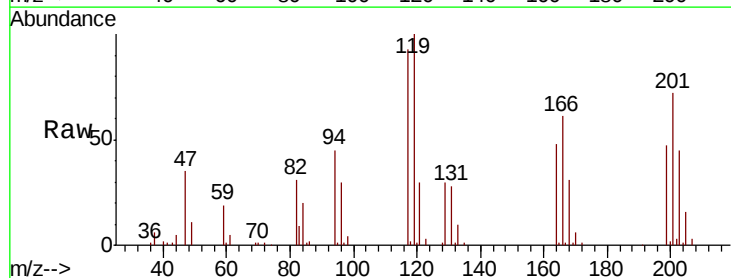
Instrument :
MSVOA_U
ClientSampled :

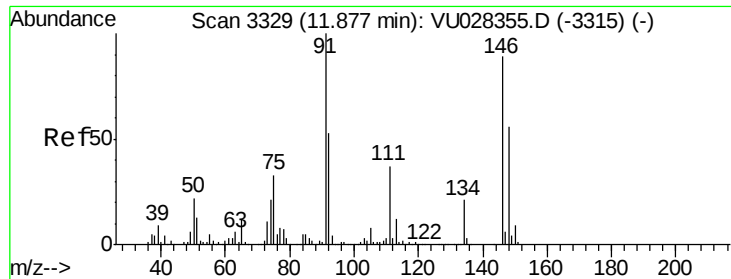
Tot Ion: 91 Resp: 257085
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 22.0 11.1 33.1



#90
Hexachloroethane
Concen: 17.197 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion: 117 Resp: 35208
Ion Ratio Lower Upper
117 100
201 78.9 37.7 113.1





#91

1,2-Dichlorobenzene

Concen: 18.878 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampled :

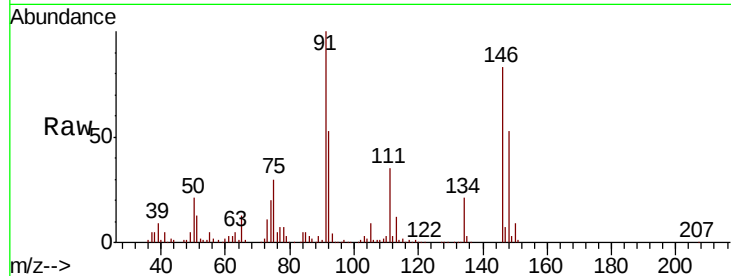
Tot Ion:146 Resp: 126526

Ion Ratio Lower Upper

146 100

111 42.4 21.4 64.3

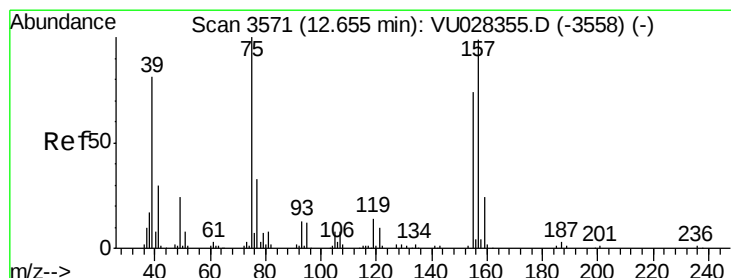
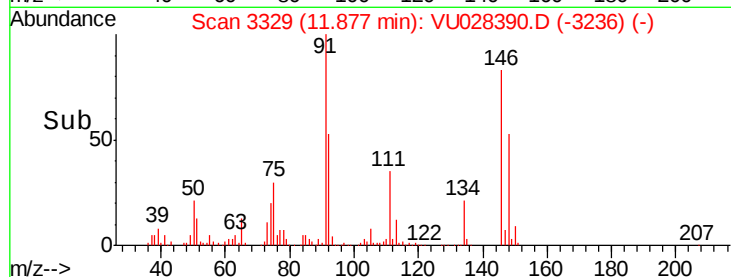
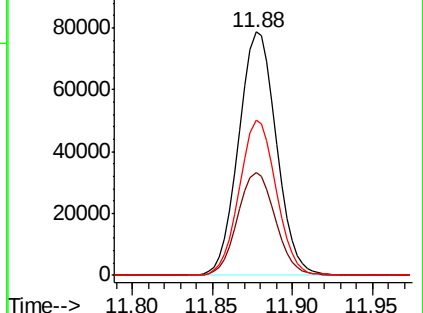
148 62.3 32.2 96.6



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: 17.573 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU028390.D

Acq: 29 Nov 2018 13:51

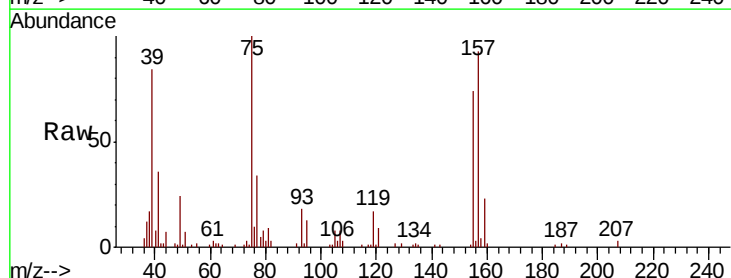
Tgt Ion: 75 Resp: 25126

Ion Ratio Lower Upper

75 100

155 73.7 36.9 110.7

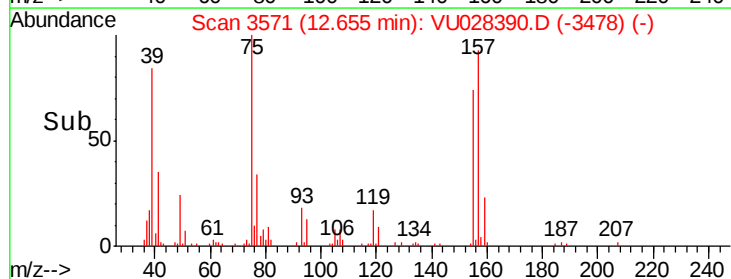
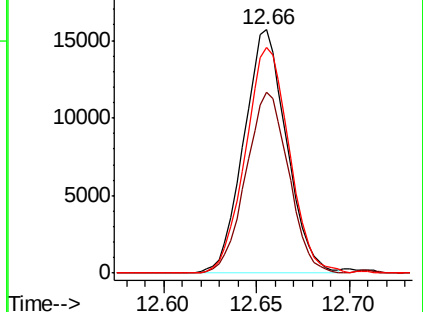
157 94.7 47.5 142.5

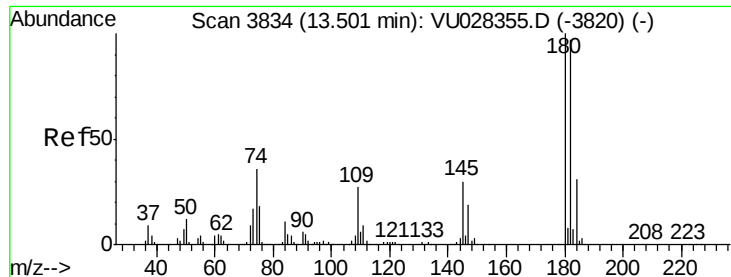


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

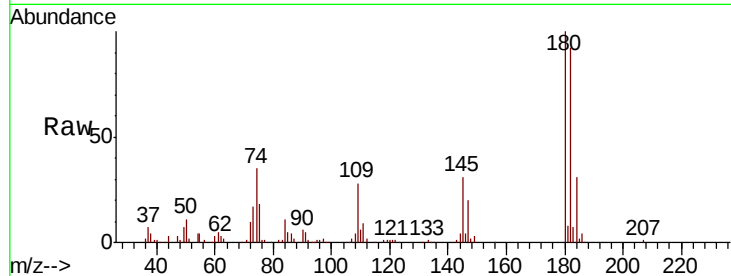




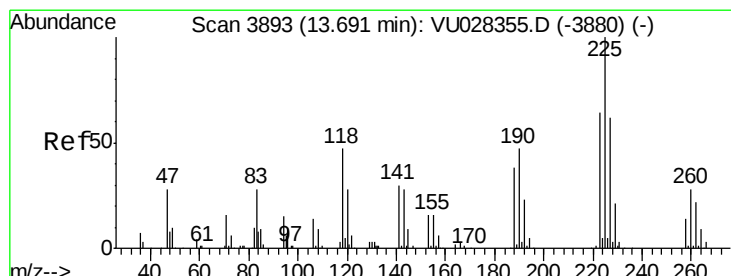
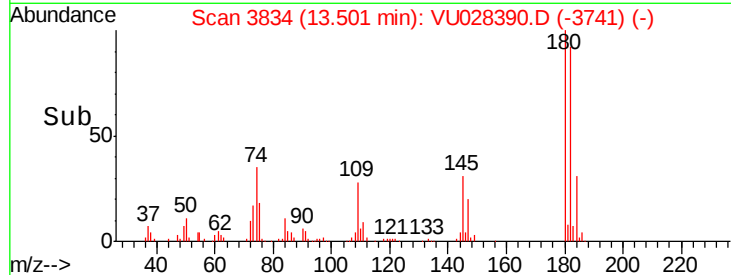
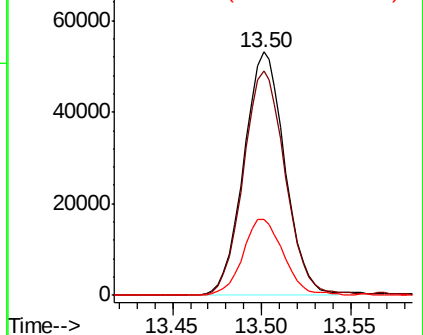
#93
 1,2,4-Trichlorobenzene
 Concen: 19.561 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 85817
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.3 144.9
 145 31.0 15.2 45.5

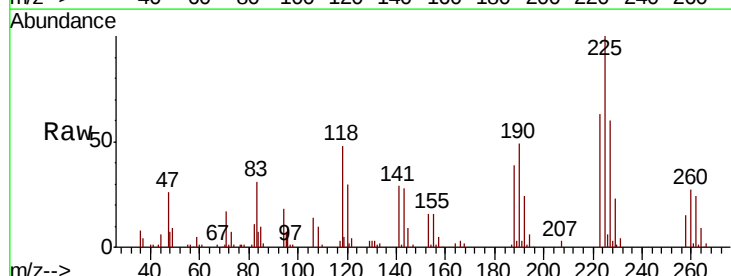


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

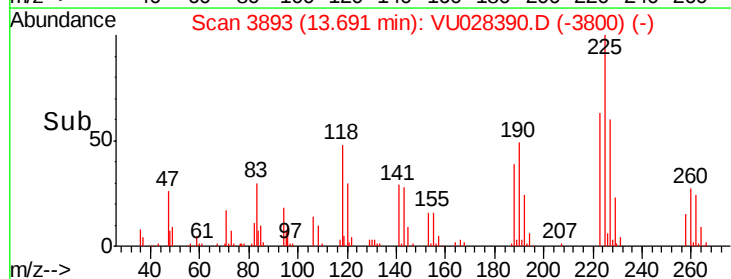
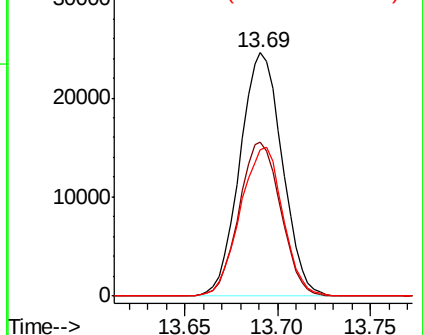


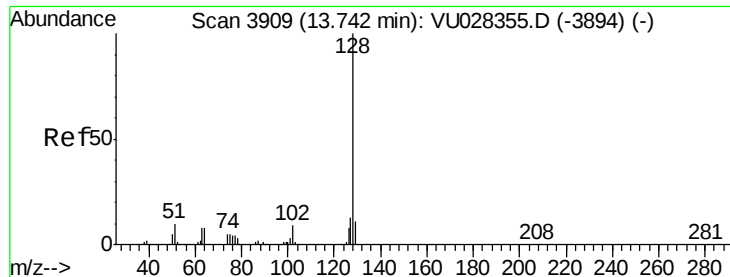
#94
 Hexachlorobutadiene
 Concen: 18.801 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU028390.D
 Acq: 29 Nov 2018 13:51

Tgt Ion:225 Resp: 38947
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 94.7
 227 61.7 30.8 92.4



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

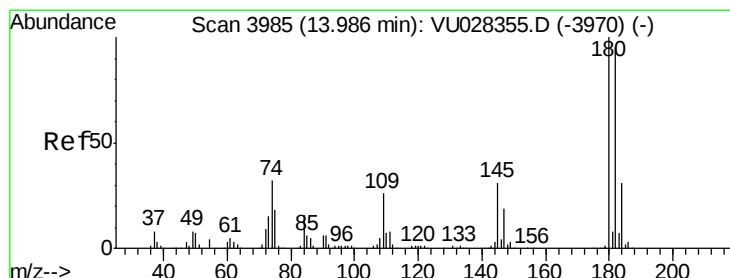
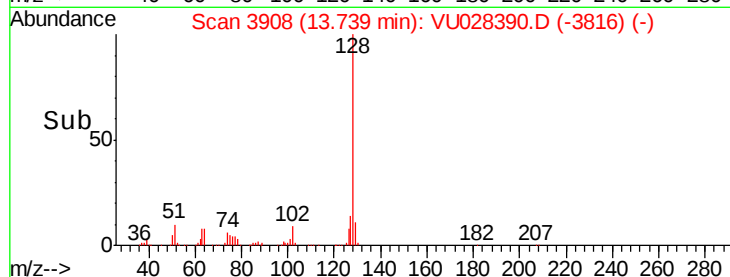
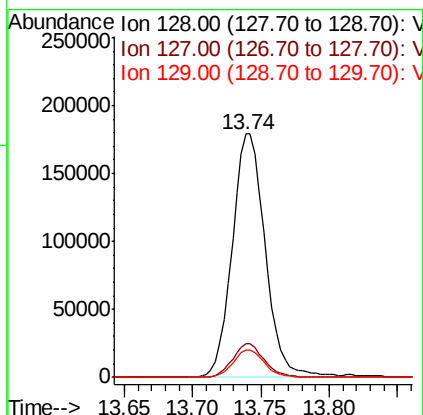
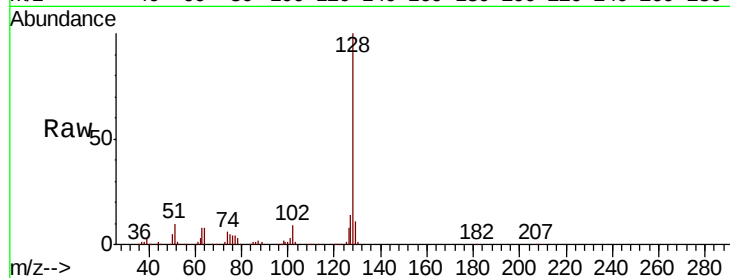




#95
Naphthalene
Concen: 19.623 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 301029
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.904 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU028390.D
Acq: 29 Nov 2018 13:51

Tgt Ion:180 Resp: 88315
Ion Ratio Lower Upper
180 100
182 92.2 47.7 143.1
145 32.1 15.7 47.1

