

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112718\
 Data File : VU028344.D
 Acq On : 27 Nov 2018 18:37
 Operator : MD/SY
 Sample : VU1127WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

Quant Time: Nov 28 04:20:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	203257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	361156	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	328445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	153246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.30	65	177587	58.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.54%	
35) Dibromofluoromethane	4.88	113	126841	55.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.40%	
50) Toluene-d8	7.57	98	482355	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
62) 4-Bromofluorobenzene	10.30	95	176092	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	40361	15.627	ug/l	99
3) Chloromethane	1.33	50	91236	29.209	ug/l	98
4) Vinyl Chloride	1.40	62	62652	20.209	ug/l	97
5) Bromomethane	1.61	94	21277	18.908	ug/l	99
6) Chloroethane	1.69	64	38043	21.294	ug/l	96
7) Trichlorofluoromethane	1.88	101	72792	20.319	ug/l	96
8) Diethyl Ether	2.10	74	35034	22.839	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	43200	20.299	ug/l	99
10) Methyl Iodide	2.41	142	39121	24.669	ug/l	98
11) Tert butyl alcohol	2.83	59	76030	95.037	ug/l	99
12) 1,1-Dichloroethene	2.28	96	41036	19.264	ug/l	94
13) Acrolein	2.20	56	16438	50.436	ug/l	97
14) Allyl chloride	2.59	41	107732	20.692	ug/l	99
15) Acrylonitrile	2.94	53	208449	106.073	ug/l	99
16) Acetone	2.32	43	210195	112.109	ug/l	100
17) Carbon Disulfide	2.48	76	136753	19.640	ug/l	99
18) Methyl Acetate	2.61	43	115764	22.445	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	175150	20.388	ug/l	97
20) Methylene Chloride	2.70	84	56192	20.527	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	47760	19.427	ug/l	89
22) Diisopropyl ether	3.57	45	228686	21.276	ug/l	96
23) Vinyl Acetate	3.52	43	930887	100.769	ug/l	100
24) 1,1-Dichloroethane	3.45	63	112161	20.949	ug/l	100
25) 2-Butanone	4.26	43	316314	106.045	ug/l	99
26) 2,2-Dichloropropane	4.22	77	88408	22.004	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	56545	20.511	ug/l	95
28) Bromochloromethane	4.55	49	59094	23.544	ug/l	94
29) Tetrahydrofuran	4.64	42	194227	97.516	ug/l	99
30) Chloroform	4.67	83	101169	20.609	ug/l	97
31) Cyclohexane	4.99	56	107455	19.419	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	80834	20.686	ug/l	97
36) 1,1-Dichloropropene	5.13	75	72690	19.217	ug/l	99
37) Ethyl Acetate	4.38	43	107041	19.314	ug/l	100
38) Carbon Tetrachloride	5.13	117	63973	19.085	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	86746	19.014	ug/l	92
40) Benzene	5.39	78	232853	20.135	ug/l	99
41) Methacrylonitrile	4.54	41	61960	20.949	ug/l	99
42) 1,2-Dichloroethane	5.40	62	84042	20.445	ug/l	98
43) Isopropyl Acetate	5.55	43	173398	19.970	ug/l	99
44) Trichloroethene	6.19	130	48934	19.685	ug/l	92
45) 1,2-Dichloropropane	6.43	63	70505	21.140	ug/l	100
46) Dibromomethane	6.56	93	37454	19.537	ug/l	98
47) Bromodichloromethane	6.76	83	78687	21.299	ug/l	100
48) Methyl methacrylate	6.62	41	85692	20.139	ug/l	98
49) 1,4-Dioxane	6.61	88	28170	405.783	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	567133	97.802	ug/l	100
52) Toluene	7.64	92	134273	19.750	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	88236	19.947	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	95779	21.030	ug/l	97
55) 1,1,2-Trichloroethane	8.06	97	56764	20.522	ug/l	94
56) Ethyl methacrylate	8.02	69	91277	18.712	ug/l	93
57) 1,3-Dichloropropane	8.24	76	101681	20.180	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	257453	98.548	ug/l	97
59) 2-Hexanone	8.36	43	451168	100.595	ug/l	98
60) Dibromochloromethane	8.48	129	53358	20.386	ug/l	99
61) 1,2-Dibromoethane	8.58	107	55631	18.928	ug/l	96
64) Tetrachloroethene	8.22	164	41772	19.614	ug/l	93
65) Chlorobenzene	9.12	112	135408	19.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	46803	19.747	ug/l	98
67) Ethyl Benzene	9.25	91	253229	19.826	ug/l	99
68) m/p-Xylenes	9.37	106	184618	39.836	ug/l	98
69) o-Xylene	9.78	106	89207	19.062	ug/l	94
70) Styrene	9.79	104	149689	20.019	ug/l	99
71) Bromoform	9.96	173	40111	20.193	ug/l #	100
73) Isopropylbenzene	10.16	105	245245	20.658	ug/l	99
74) N-amyl acetate	10.01	43	146568	20.417	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	101868	21.272	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	119996	28.627	ug/l	79
77) Bromobenzene	10.45	156	55599	20.424	ug/l	97
78) n-propylbenzene	10.58	91	298038	20.973	ug/l	98
79) 2-Chlorotoluene	10.66	91	177921	20.888	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	203160	20.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	119996	71.362	ug/l #	100
82) 4-Chlorotoluene	10.77	91	198573	20.535	ug/l	99
83) tert-Butylbenzene	11.10	119	190756	19.402	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	208219	21.026	ug/l	97
85) sec-Butylbenzene	11.32	105	241312	20.182	ug/l	100
86) p-Isopropyltoluene	11.48	119	201300	20.139	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	101043	20.093	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	97736	18.962	ug/l	96
89) n-Butylbenzene	11.89	91	194203	20.443	ug/l	98
90) Hexachloroethane	12.14	117	30803	17.309	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	103420	20.451	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	22743	22.539	ug/l	89

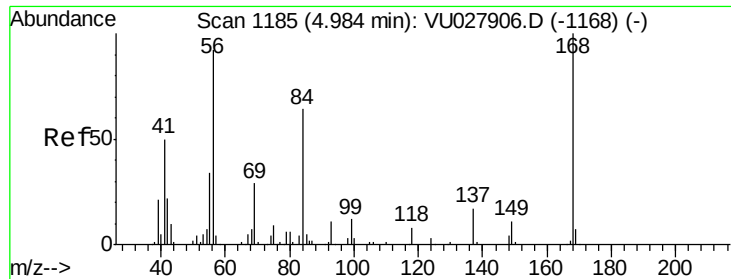
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QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	62579	18.088	ug/l	100
94) Hexachlorobutadiene	13.69	225	31144	19.377	ug/l	98
95) Naphthalene	13.74	128	227228	17.960	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	68261	20.116	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

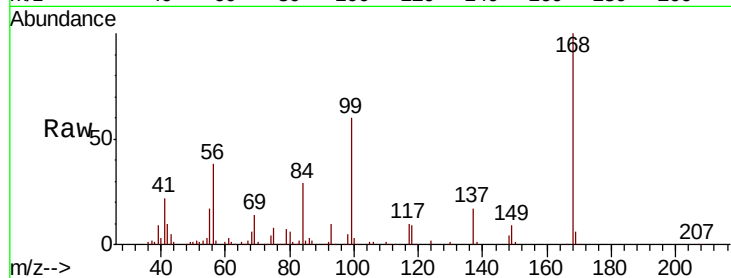
VU1127WBS01

Tot Ion:168 Resp: 203257

Ion Ratio Lower Upper

168 100

99 59.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.98

100000

80000

60000

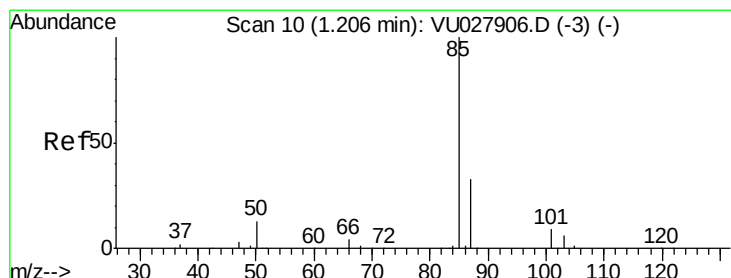
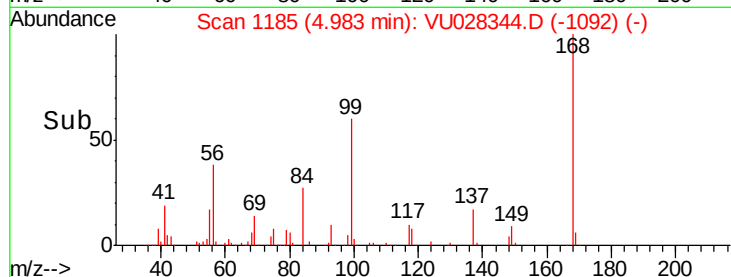
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 15.627 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028344.D

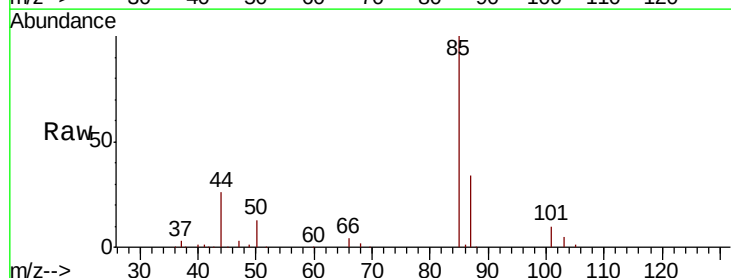
Acq: 27 Nov 2018 18:37

Tgt Ion: 85 Resp: 40361

Ion Ratio Lower Upper

85 100

87 33.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU027906.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027906.D (-3) (-)

1.21

40000

30000

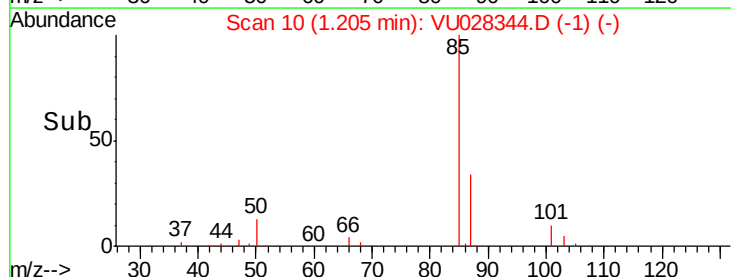
20000

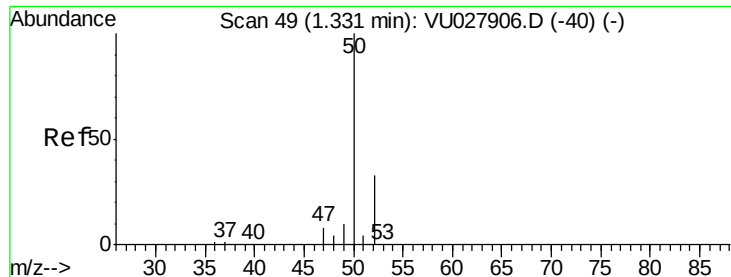
10000

0

1.20 1.25

Time-->





#3

Chloromethane

Concen: 29.209 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

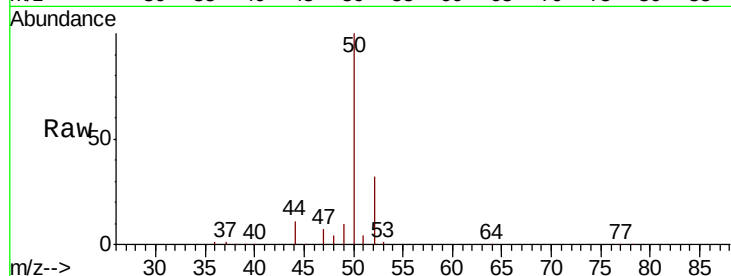
VU1127WBS01

Tot Ion: 50 Resp: 91236

Ion Ratio Lower Upper

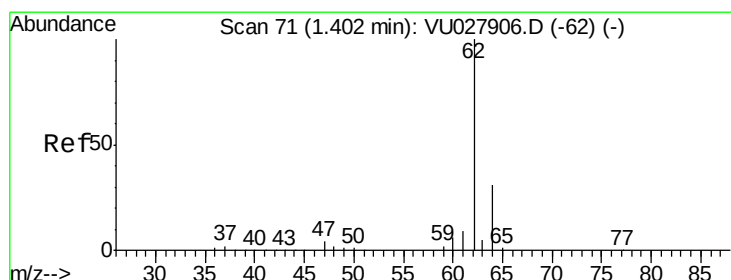
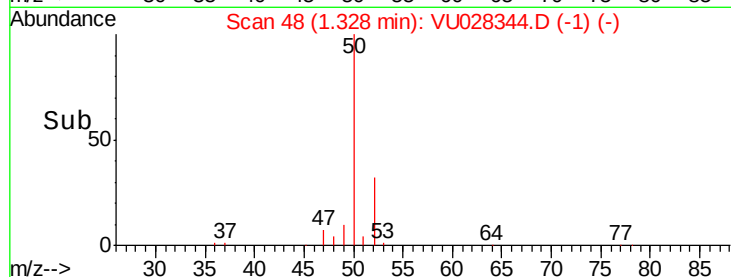
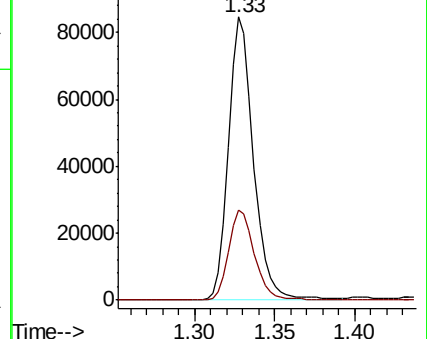
50 100

52 31.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU027906.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028344.D (-1) (-)



#4

Vinyl Chloride

Concen: 20.209 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028344.D

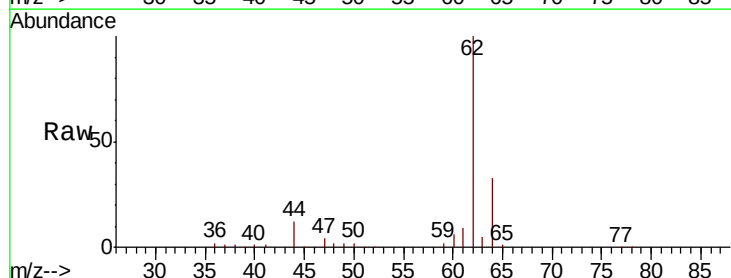
Acq: 27 Nov 2018 18:37

Tgt Ion: 62 Resp: 62652

Ion Ratio Lower Upper

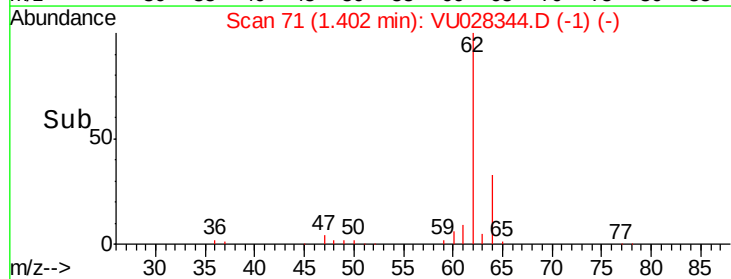
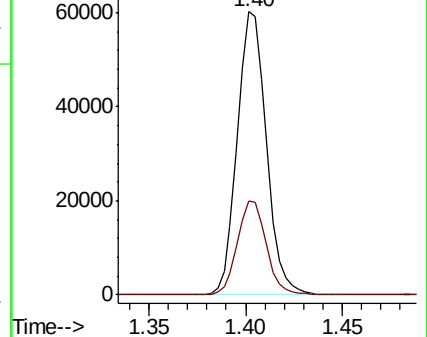
62 100

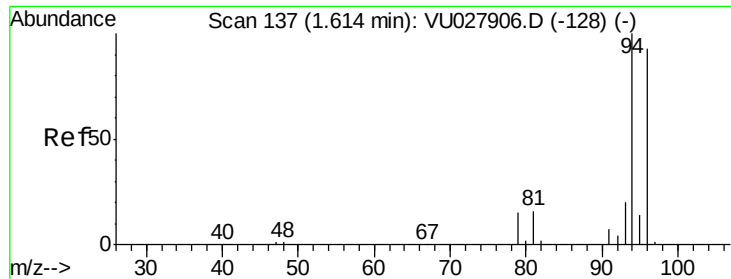
64 33.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027906.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028344.D (-1) (-)

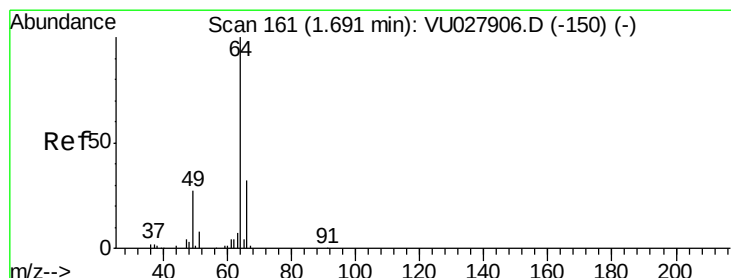
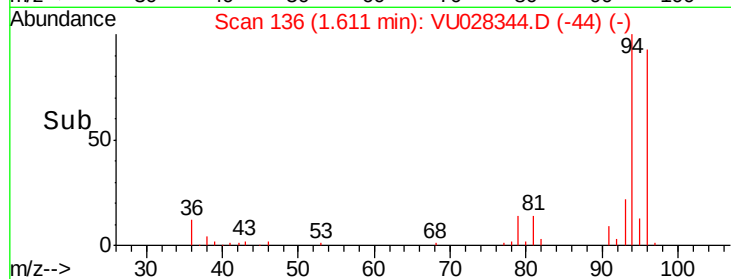
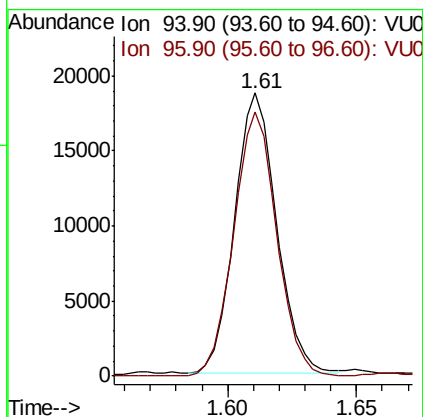
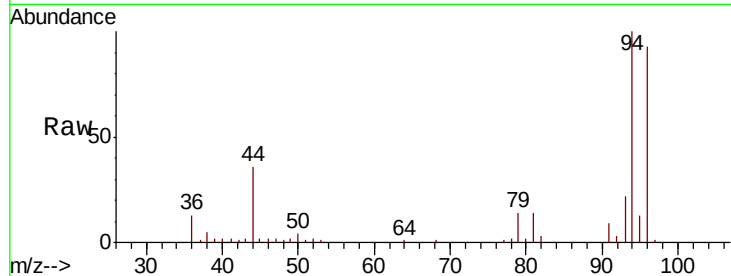




#5
Bromomethane
Concen: 18.908 ug/l
RT: 1.61 min Scan# 136
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

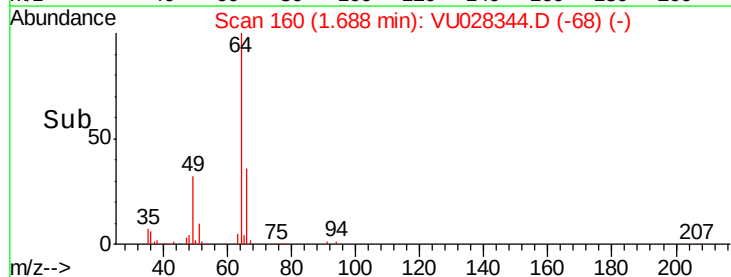
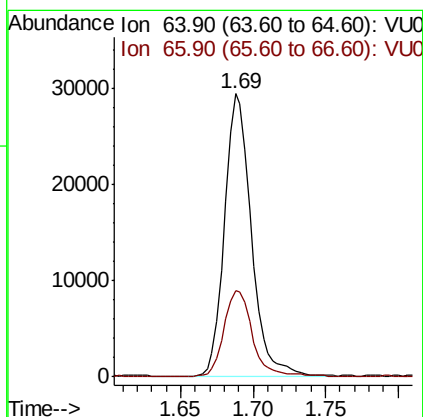
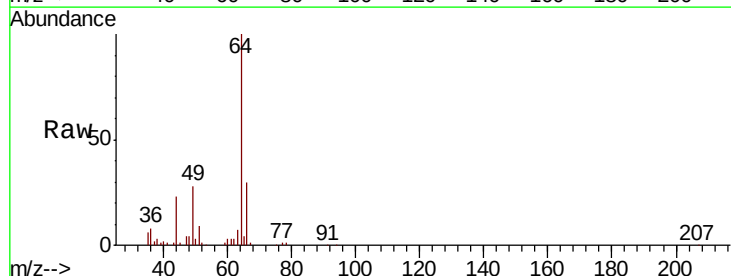
Instrument :
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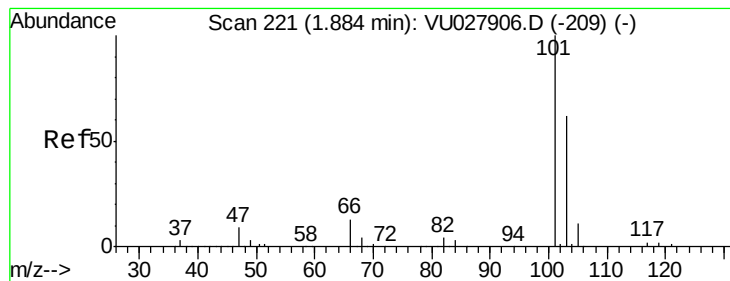
Tot Ion: 94 Resp: 21277
Ion Ratio Lower Upper
94 100
96 94.3 74.8 112.2



#6
Chloroethane
Concen: 21.294 ug/l
RT: 1.69 min Scan# 160
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion: 64 Resp: 38043
Ion Ratio Lower Upper
64 100
66 30.3 25.9 38.9



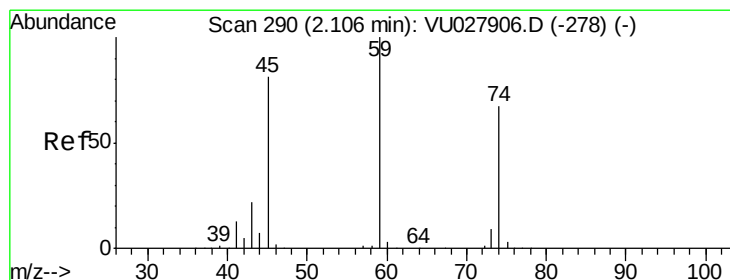
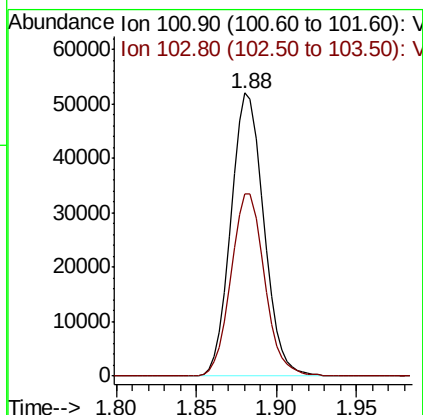
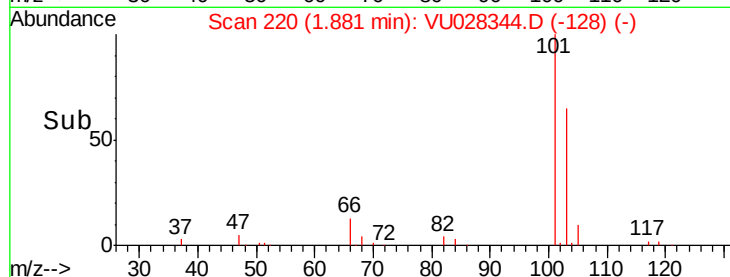
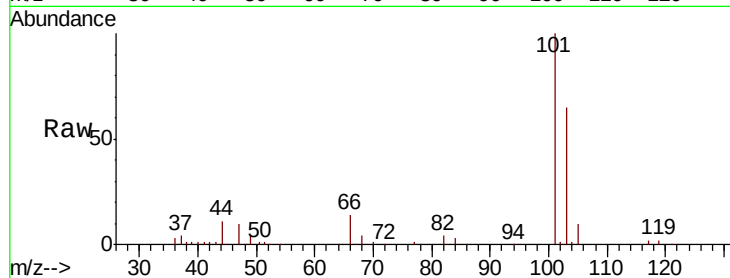


#7

Trichlorofluoromethane
Concen: 20.319 ug/l
RT: 1.88 min Scan# 220
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

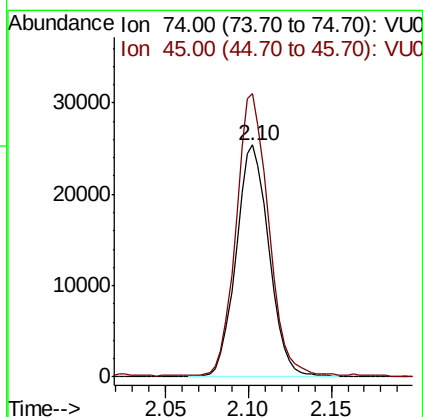
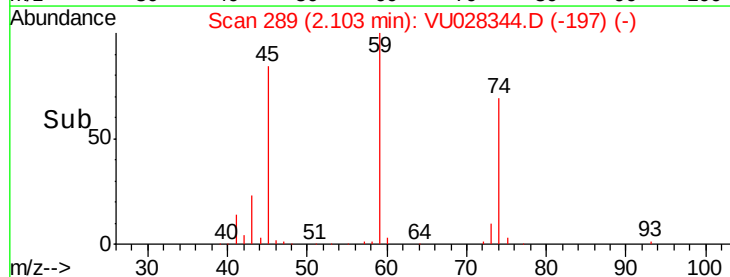
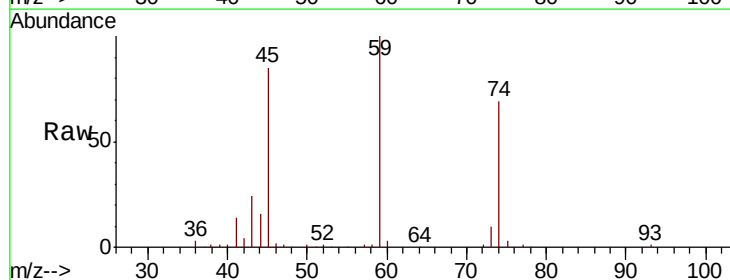
Tot Ion:101 Resp: 72792
Ion Ratio Lower Upper
101 100
103 64.6 49.4 74.2

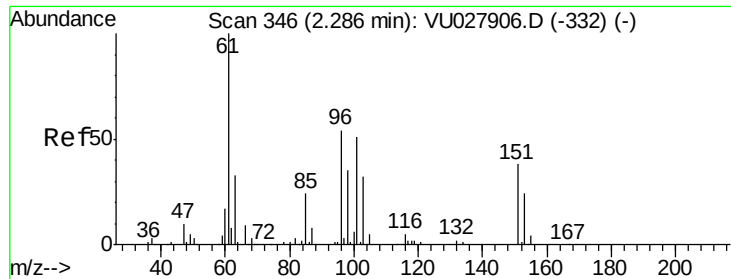


#8

Diethyl Ether
Concen: 22.839 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion: 74 Resp: 35034
Ion Ratio Lower Upper
74 100
45 119.7 60.5 181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.299 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

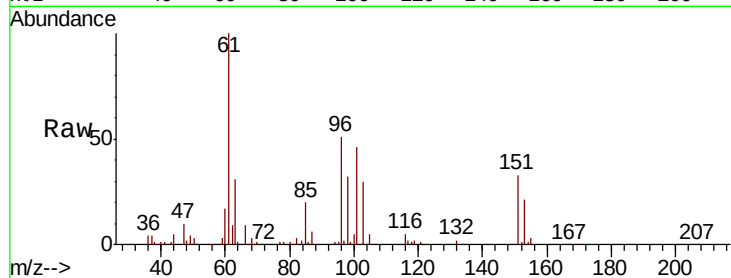
Tot Ion:101 Resp: 43200

Ion Ratio Lower Upper

101 100

85 46.7 36.9 55.3

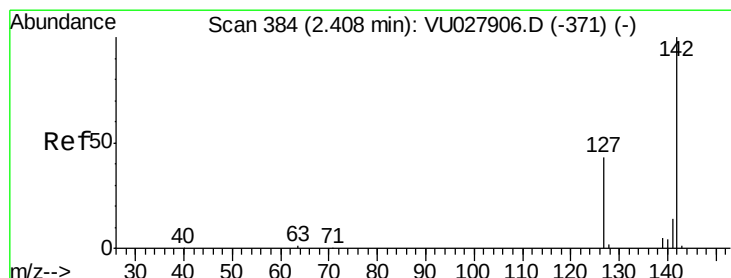
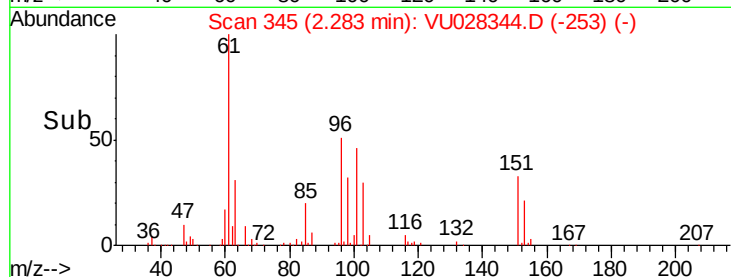
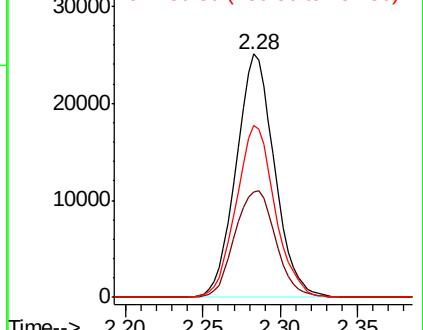
151 71.6 58.0 87.0



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: 24.669 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

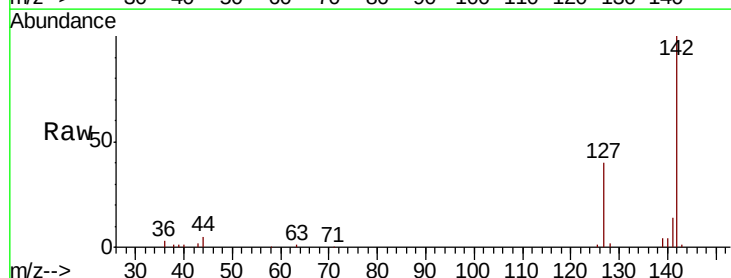
Tgt Ion:142 Resp: 39121

Ion Ratio Lower Upper

142 100

127 42.5 35.2 52.8

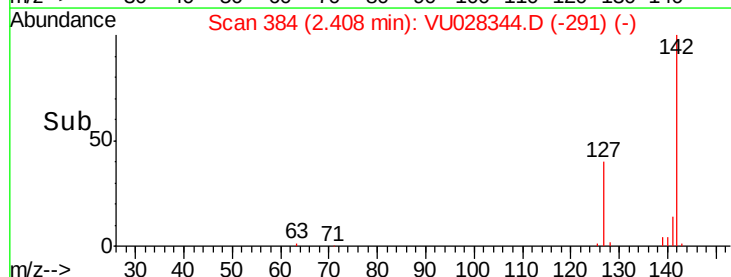
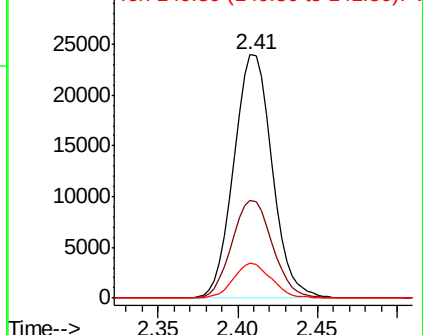
141 14.0 11.8 17.8

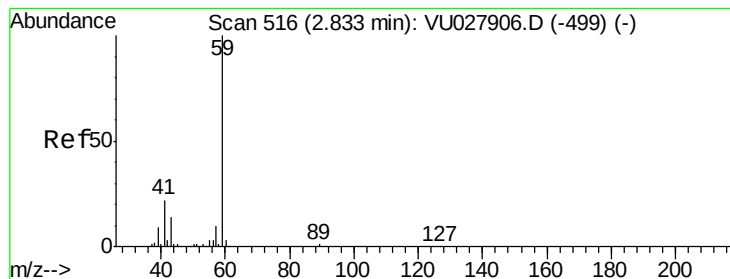


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



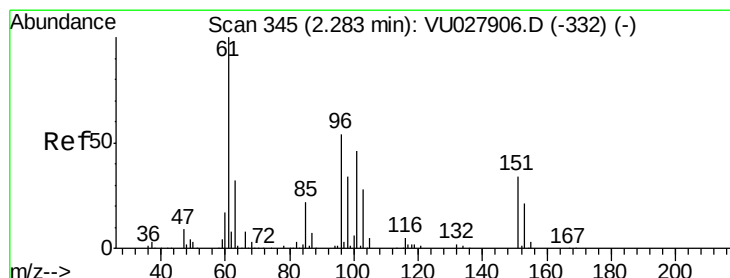
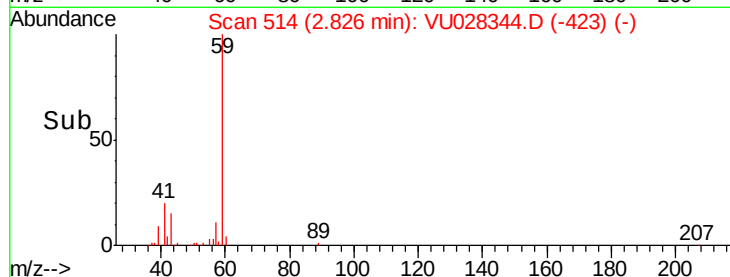
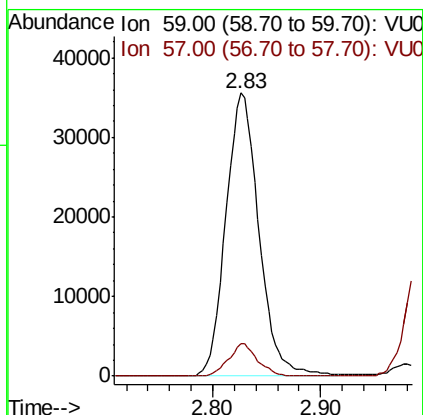
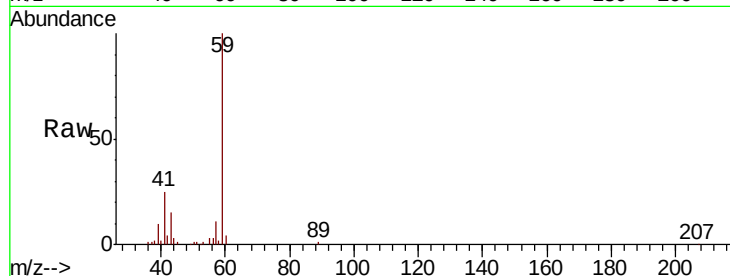


#11

Tert butyl alcohol
 Concen: 95.037 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

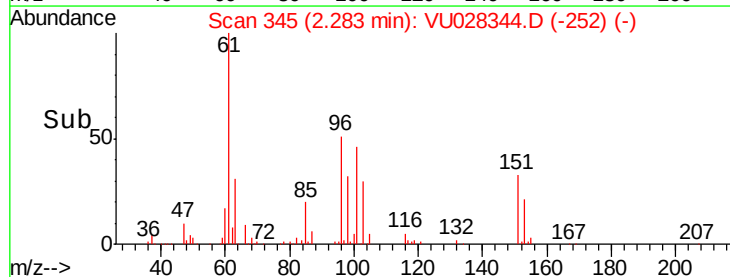
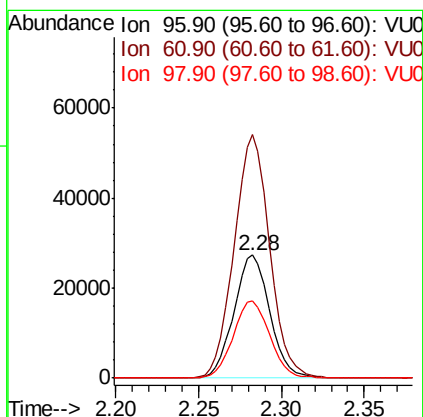
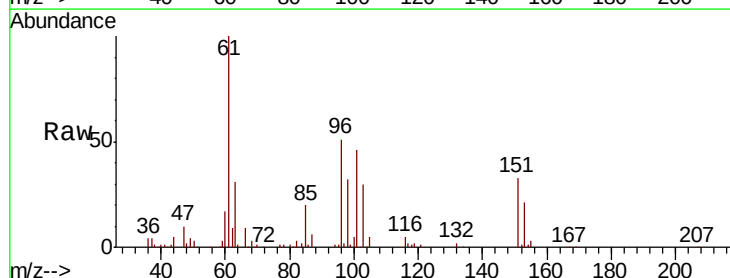
Tot Ion: 59 Resp: 76030
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.8

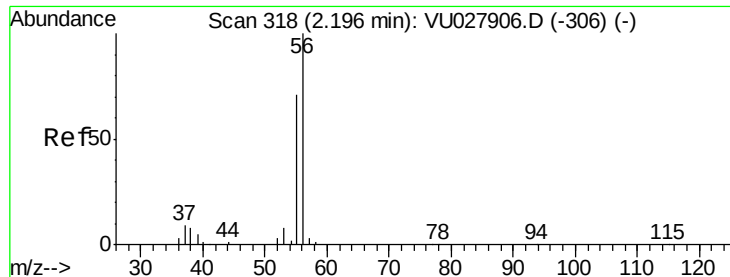


#12

1,1-Dichloroethene
 Concen: 19.264 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion: 96 Resp: 41036
 Ion Ratio Lower Upper
 96 100
 61 197.7 149.3 223.9
 98 62.7 50.6 75.8





#13

Acrolein

Concen: 50.436 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

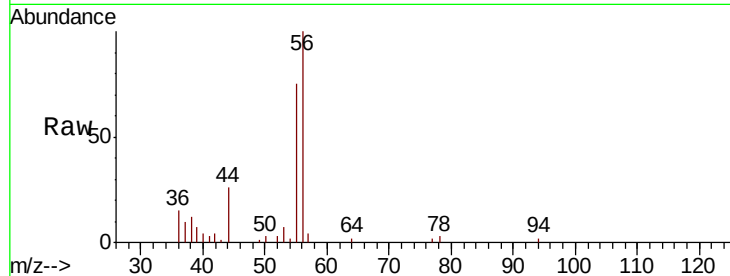
VU1127WBS01

Tot Ion: 56 Resp: 16438

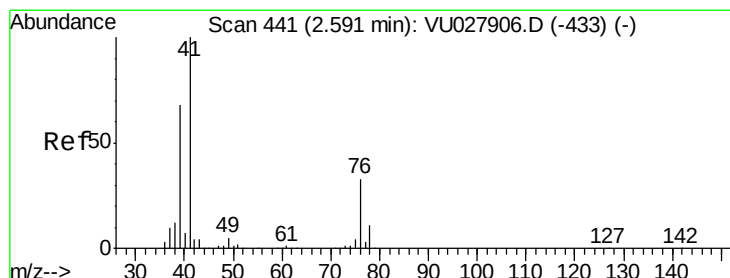
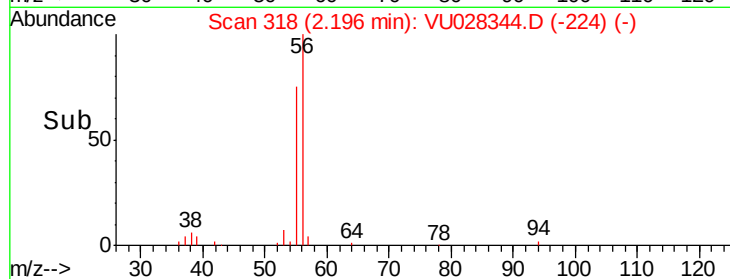
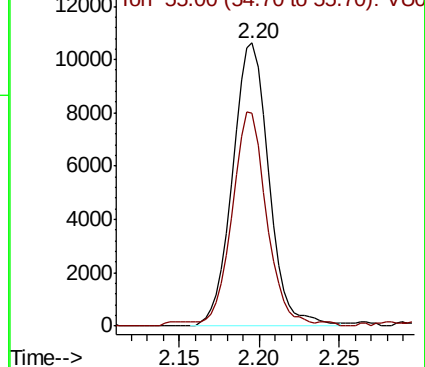
Ion Ratio Lower Upper

56 100

55 68.0 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VU028344.D (-224) (-)



#14

Allyl chloride

Concen: 20.692 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

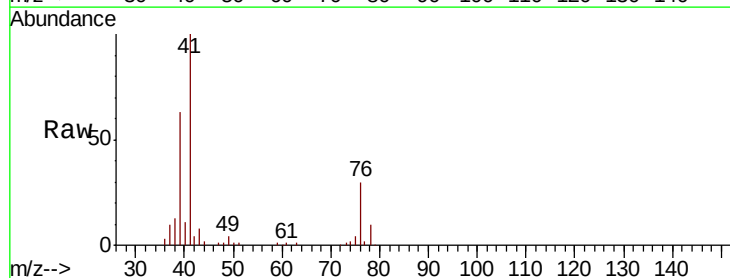
Tgt Ion: 41 Resp: 107732

Ion Ratio Lower Upper

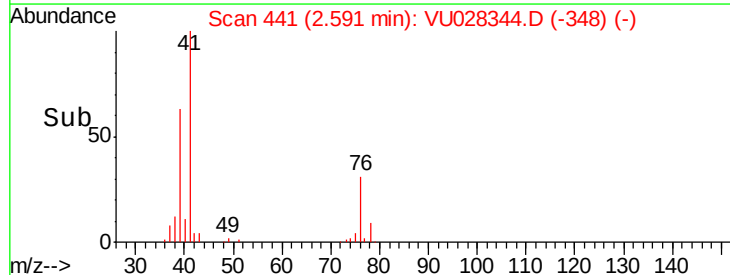
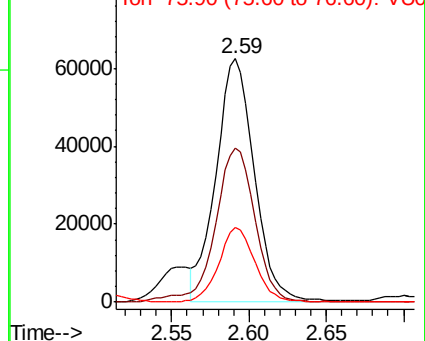
41 100

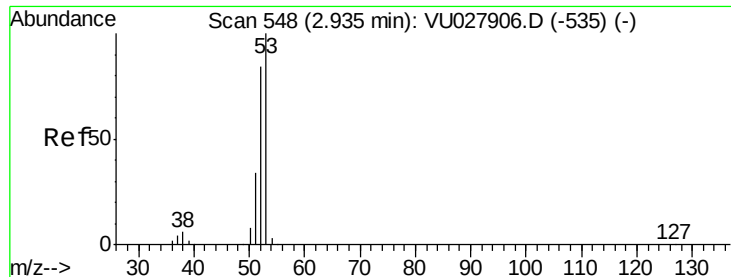
39 65.4 51.9 77.9

76 28.7 23.8 35.6



Abundance Ion 41.00 (40.70 to 41.70): VU028344.D (-348) (-)





#15

Acrylonitrile

Concen: 106.073 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

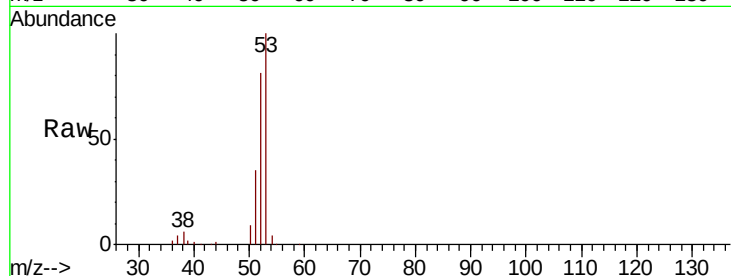
Tot Ion: 53 Resp: 208449

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

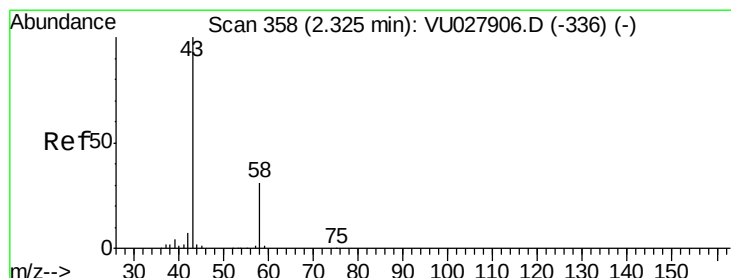
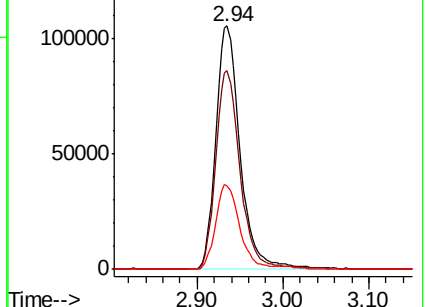
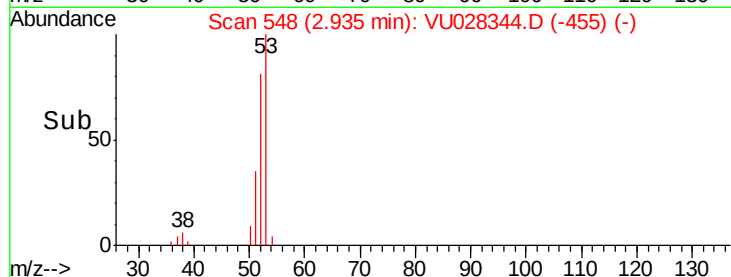
51 34.4 27.0 40.4



Abundance Ion 53.00 (52.70 to 53.70): VU028344.D (-455) (-)

Ion 52.00 (51.70 to 52.70): VU028344.D (-455) (-)

Ion 51.00 (50.70 to 51.70): VU028344.D (-455) (-)



#16

Acetone

Concen: 112.109 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028344.D

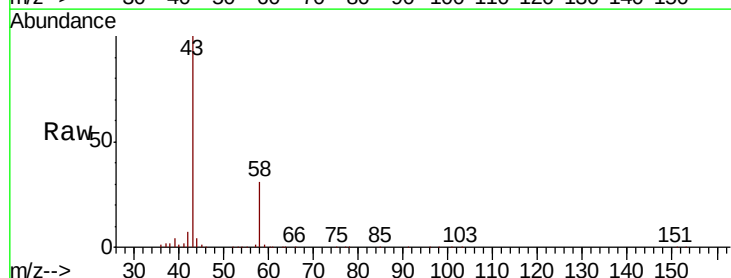
Acq: 27 Nov 2018 18:37

Tgt Ion: 43 Resp: 210195

Ion Ratio Lower Upper

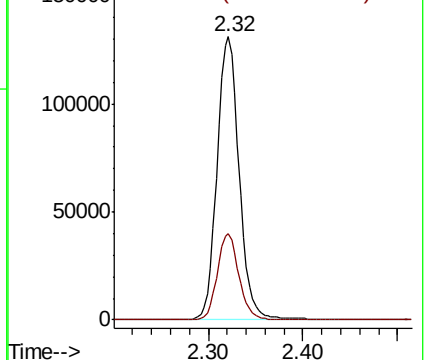
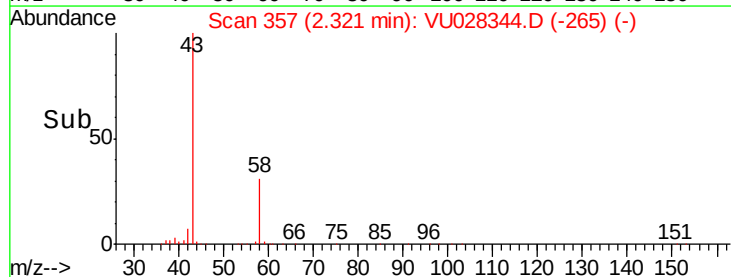
43 100

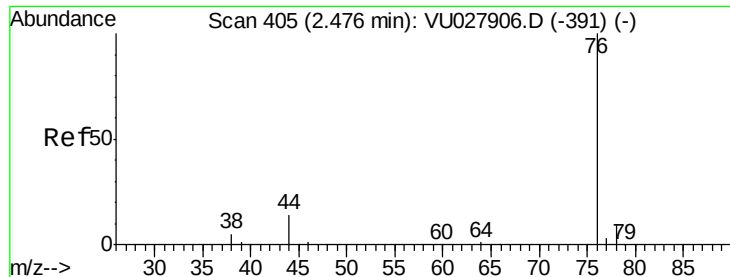
58 30.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028344.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU028344.D (-265) (-)





#17

Carbon Disulfide

Concen: 19.640 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

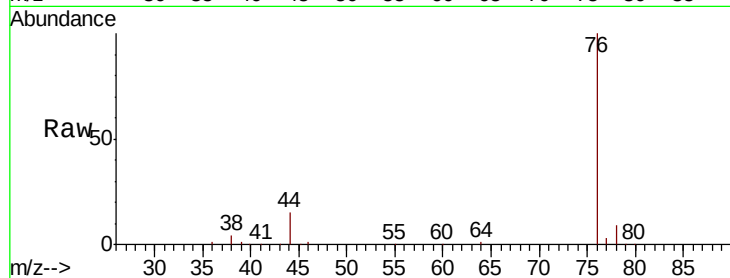
VU1127WBS01

Tot Ion: 76 Resp: 136753

Ion Ratio Lower Upper

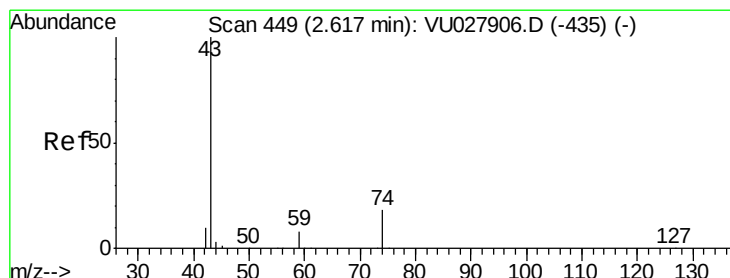
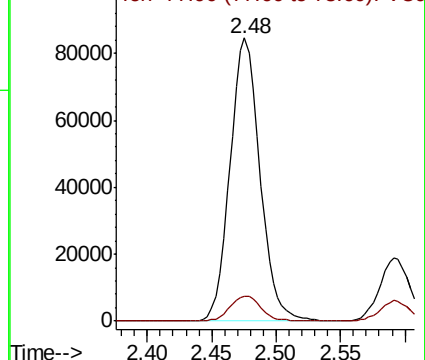
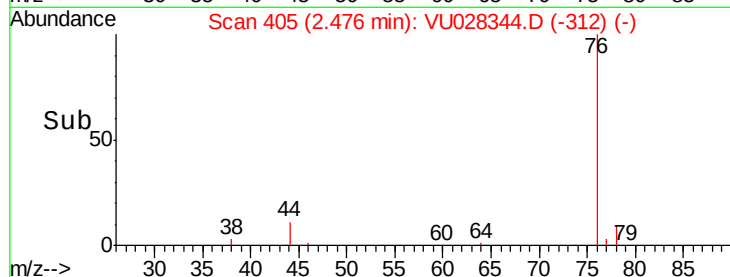
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VU028344.D (-312) (-)

Ion 77.90 (77.60 to 78.60): VU028344.D (-312) (-)



#18

Methyl Acetate

Concen: 22.445 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU028344.D

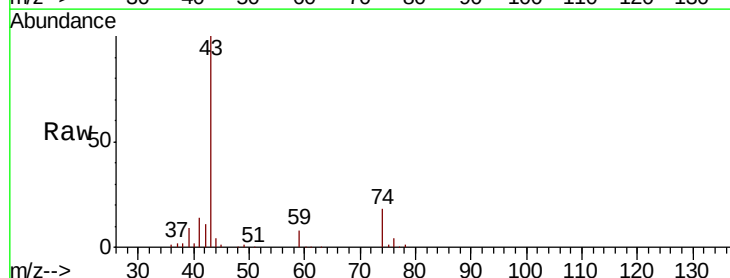
Acq: 27 Nov 2018 18:37

Tgt Ion: 43 Resp: 115764

Ion Ratio Lower Upper

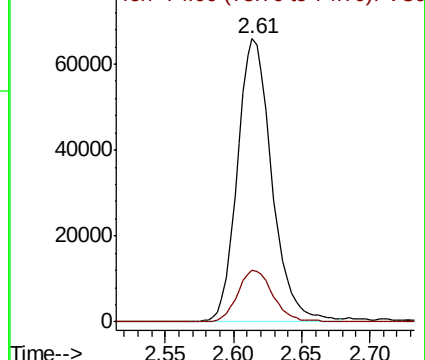
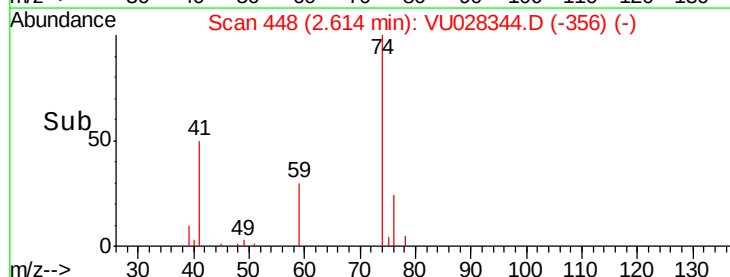
43 100

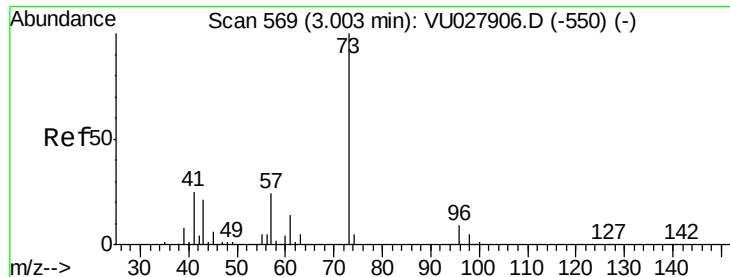
74 18.8 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU028344.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU028344.D (-356) (-)

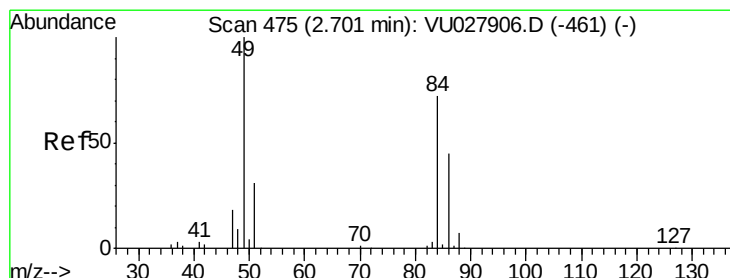
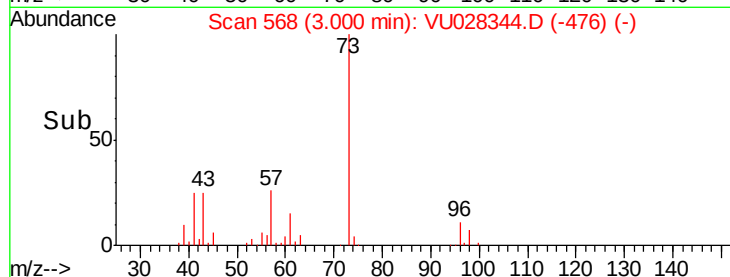
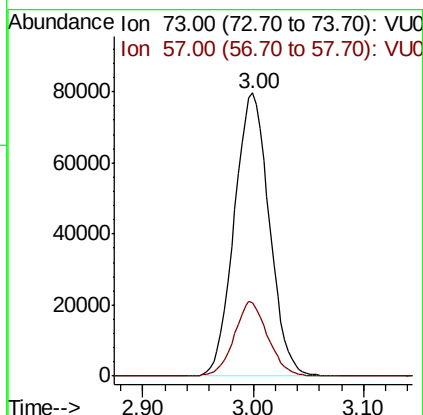
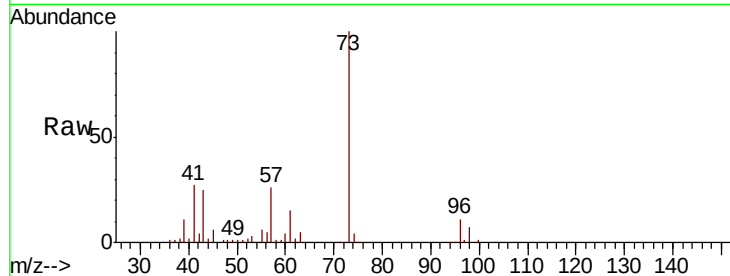




#19
Methyl tert-butyl Ether
Concen: 20.388 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

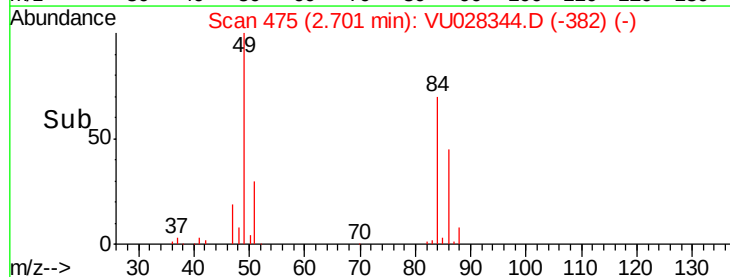
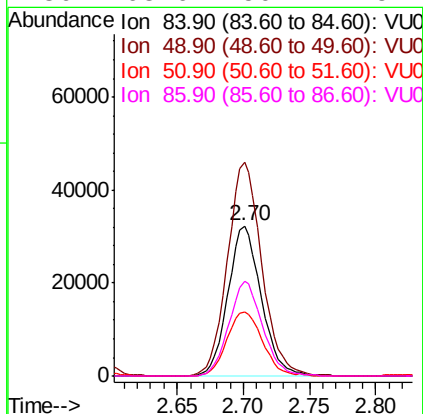
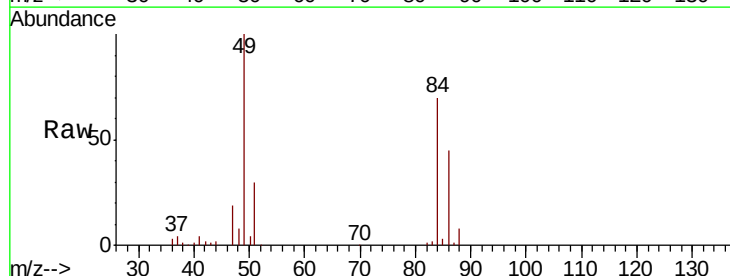
Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

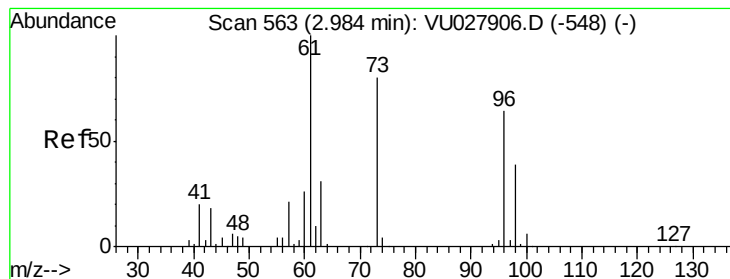
Tot Ion: 73 Resp: 175150
Ion Ratio Lower Upper
73 100
57 25.7 19.3 28.9



#20
Methylene Chloride
Concen: 20.527 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion: 84 Resp: 56192
Ion Ratio Lower Upper
84 100
49 142.5 111.6 167.4
51 42.7 34.8 52.2
86 63.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 19.427 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

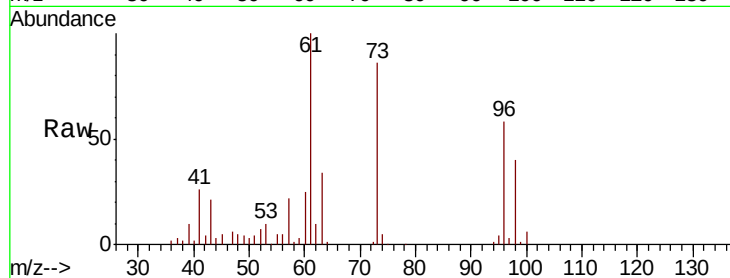
Tot Ion: 96 Resp: 47760

Ion Ratio Lower Upper

96 100

61 171.0 125.0 187.6

98 68.6 48.2 72.4

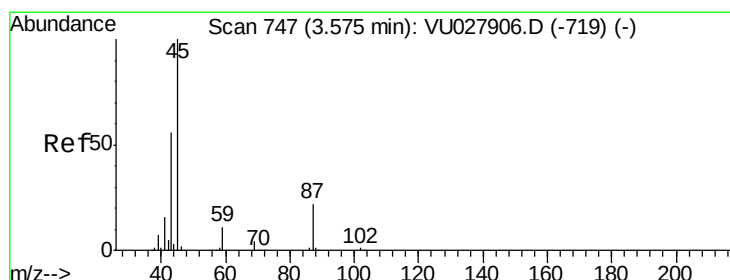
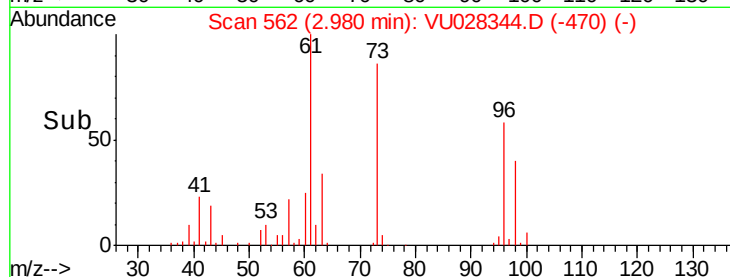
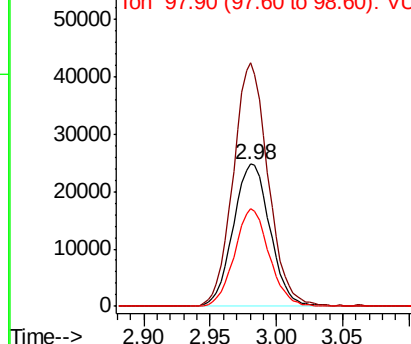


Abundance

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: 21.276 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Tgt Ion: 45 Resp: 228686

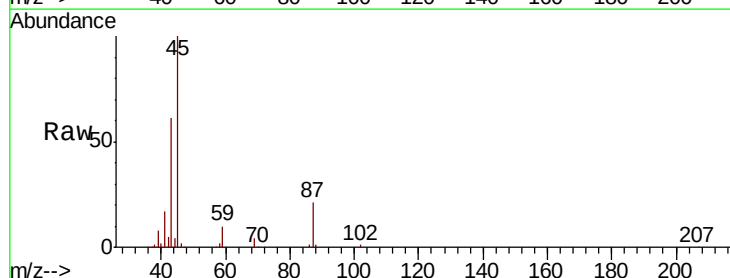
Ion Ratio Lower Upper

45 100

43 59.4 45.0 67.6

87 20.8 17.9 26.9

59 10.3 8.6 12.8



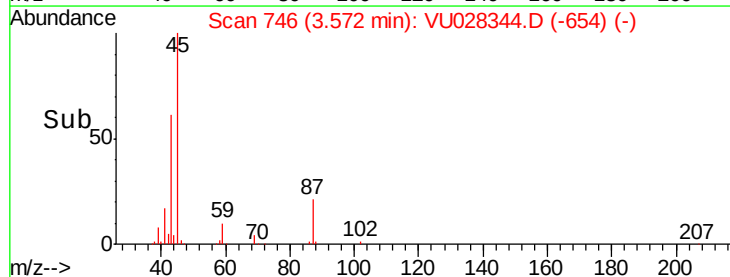
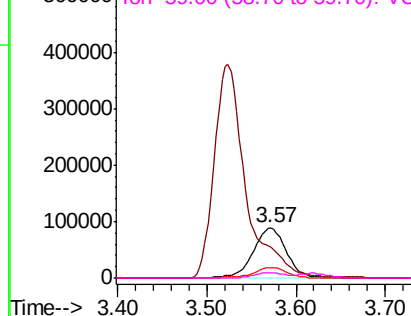
Abundance

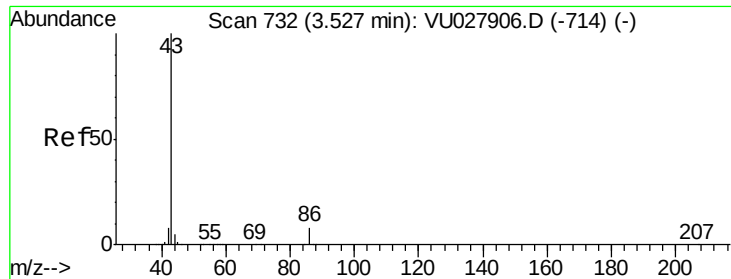
Ion 45.00 (44.70 to 45.70): VU0

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: 100.769 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

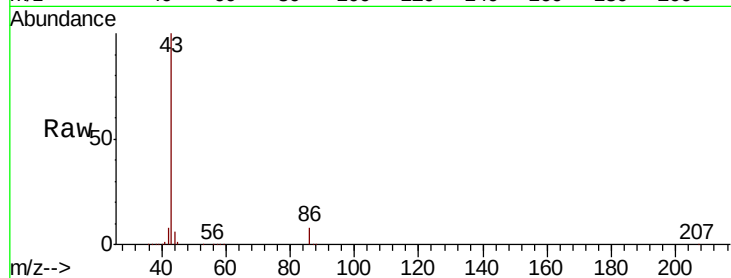
VU1127WBS01

Tot Ion: 43 Resp: 930887

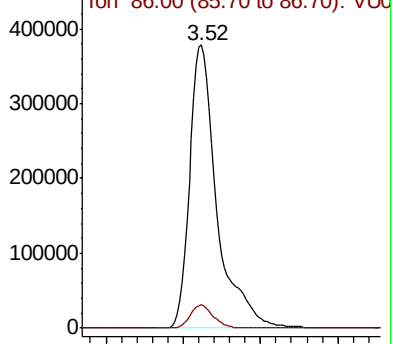
Ion Ratio Lower Upper

43 100

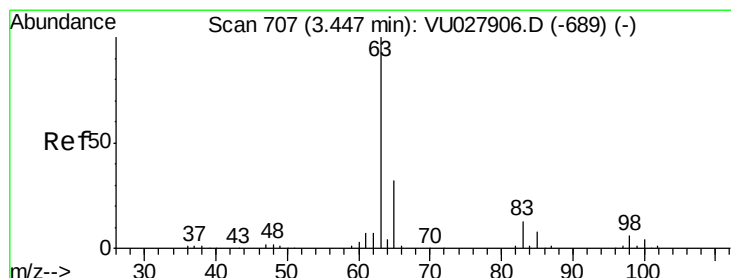
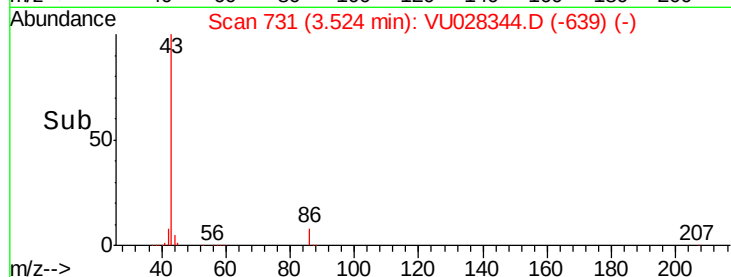
86 8.1 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-714) (-)



Time--> 3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 20.949 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

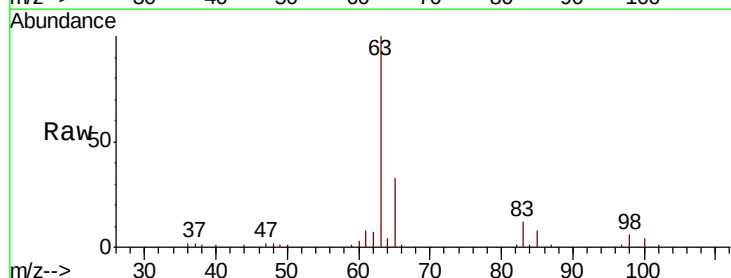
Tgt Ion: 63 Resp: 112161

Ion Ratio Lower Upper

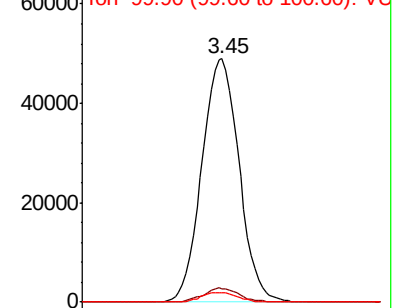
63 100

98 5.7 2.9 8.6

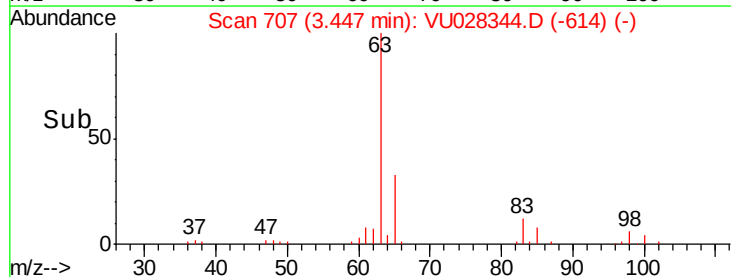
100 4.0 2.0 6.0

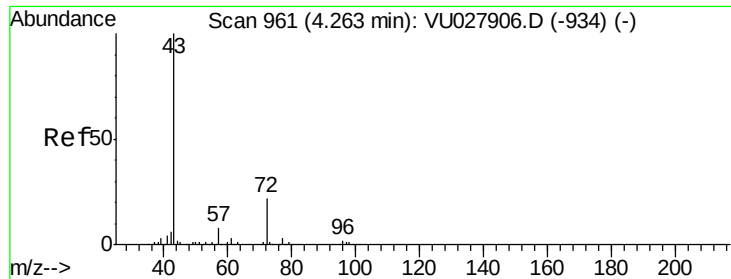


Abundance Ion 62.90 (62.60 to 63.60): VU027906.D (-689) (-)



Time--> 3.35 3.40 3.45 3.50 3.55





#25

2-Butanone

Concen: 106.045 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

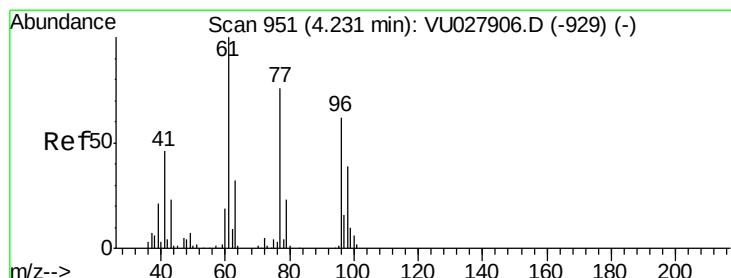
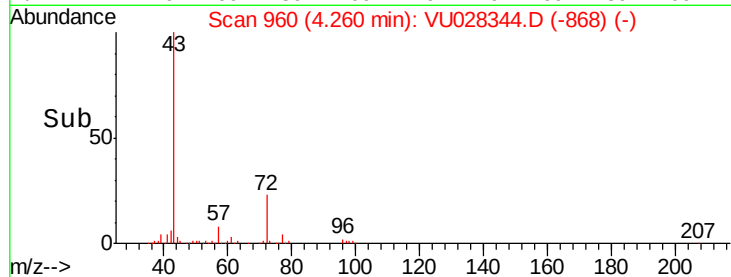
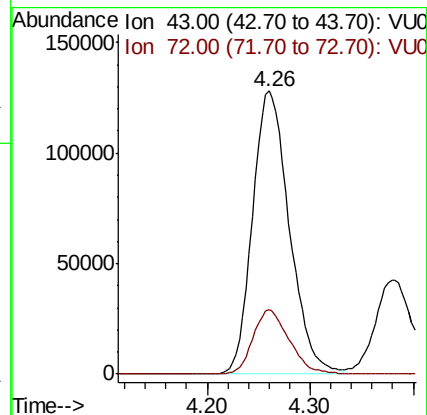
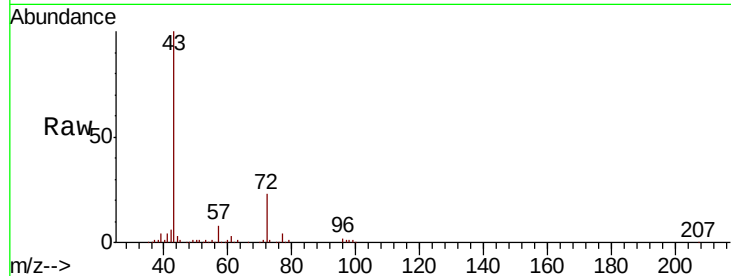
VU1127WBS01

Tot Ion: 43 Resp: 316314

Ion Ratio Lower Upper

43 100

72 22.8 17.7 26.5



#26

2,2-Dichloropropane

Concen: 22.004 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.01 min

Lab File: VU028344.D

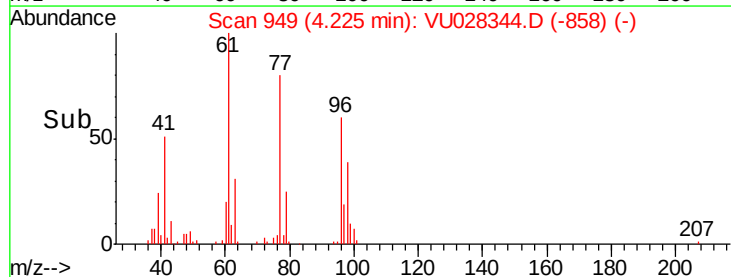
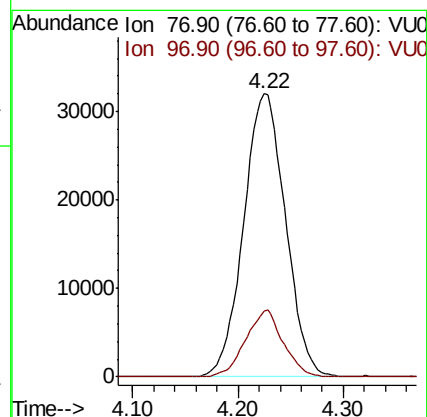
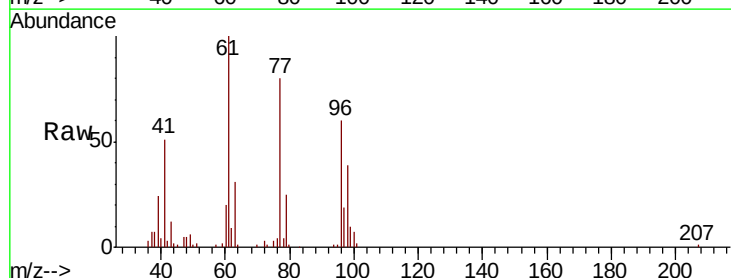
Acq: 27 Nov 2018 18:37

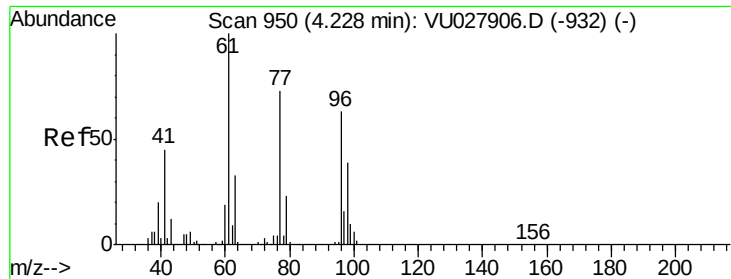
Tgt Ion: 77 Resp: 88408

Ion Ratio Lower Upper

77 100

97 21.1 11.2 33.5



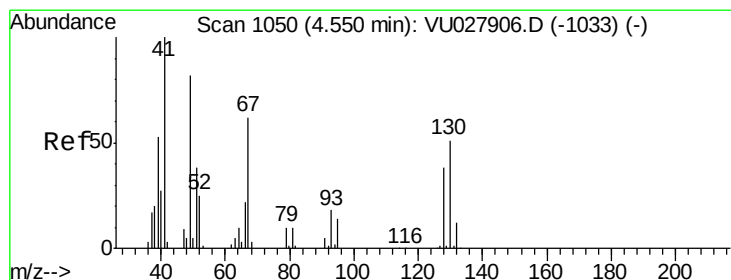
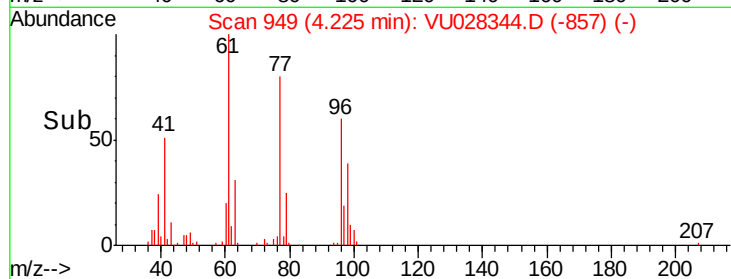
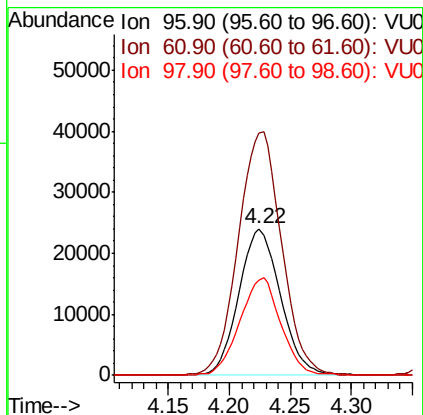
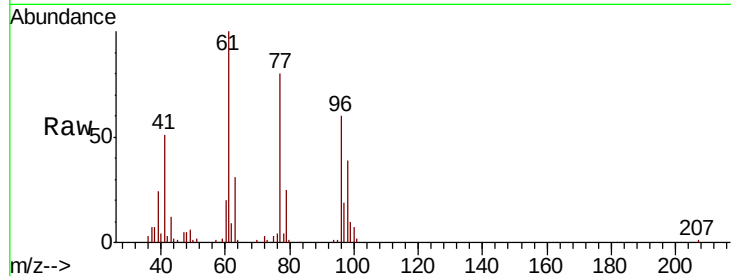


#27

cis-1,2-Dichloroethene
 Concen: 20.511 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

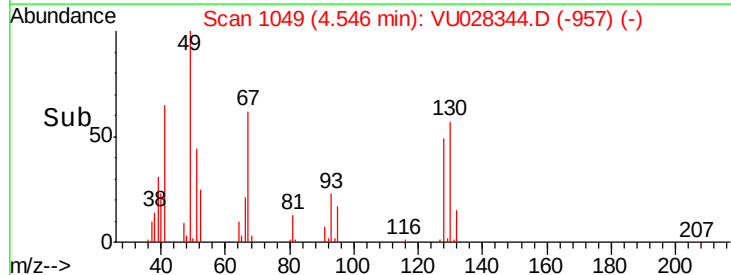
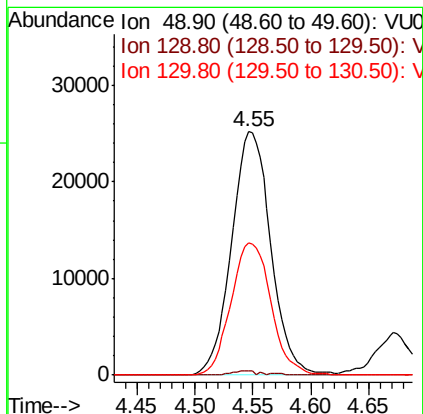
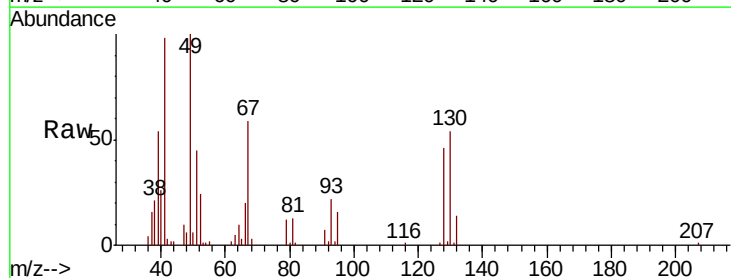
Tot Ion	96	Resp	56545
Ion	Ratio	Lower	Upper
96	100		
61	173.3	0.0	329.6
98	65.8	0.0	127.2

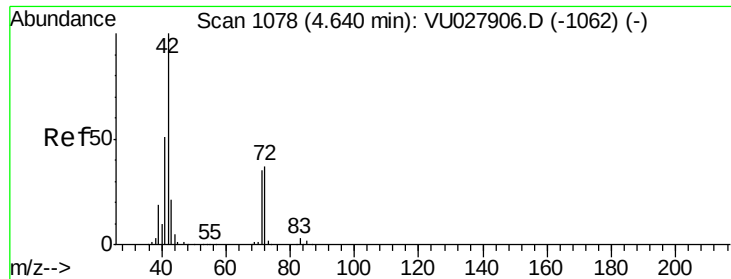


#28

Bromochloromethane
 Concen: 23.544 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion	49	Resp	59094
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.0
130	55.3	47.8	71.6

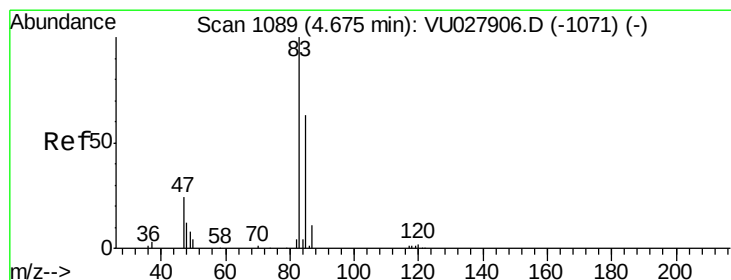
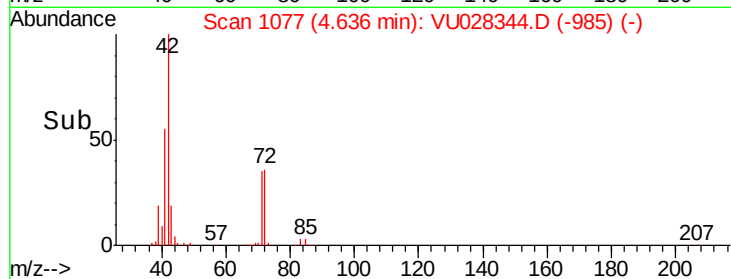
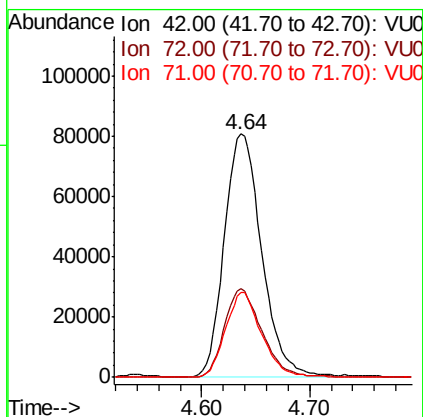
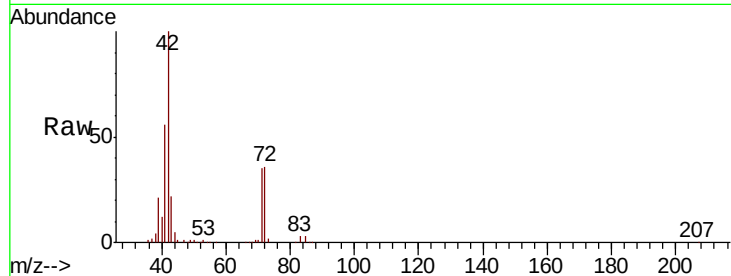




#29
Tetrahydrofuran
Concen: 97.516 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

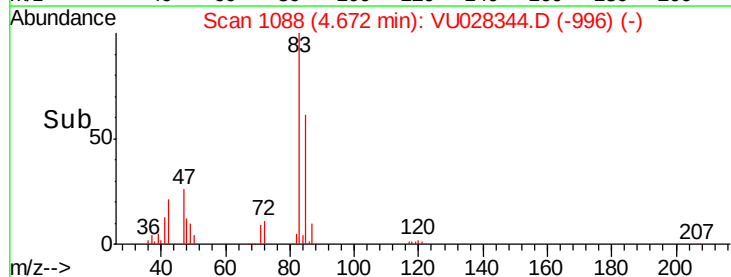
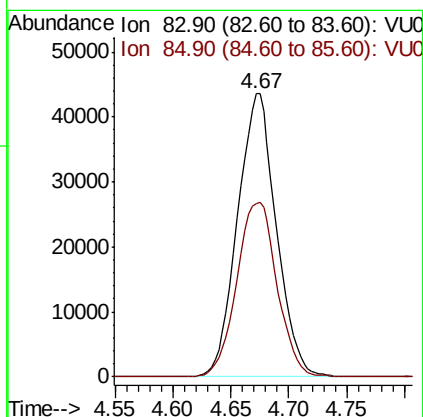
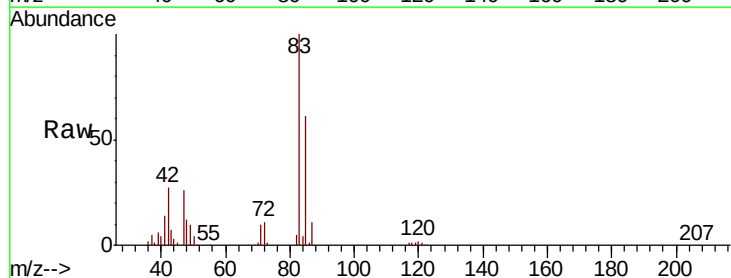
Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

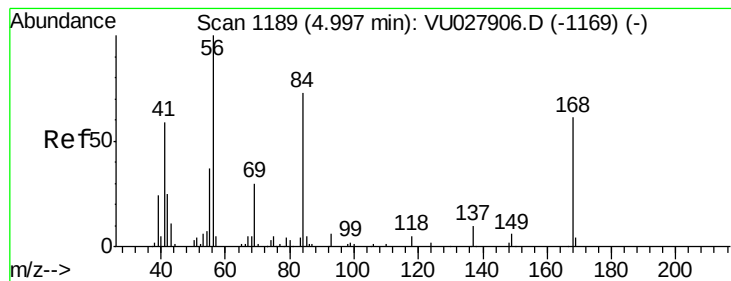
Tot Ion: 42 Resp: 194227
Ion Ratio Lower Upper
42 100
72 36.4 29.4 44.0
71 34.0 27.9 41.9



#30
Chloroform
Concen: 20.609 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion: 83 Resp: 101169
Ion Ratio Lower Upper
83 100
85 61.3 50.6 76.0





#31

Cyclohexane

Concen: 19.419 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

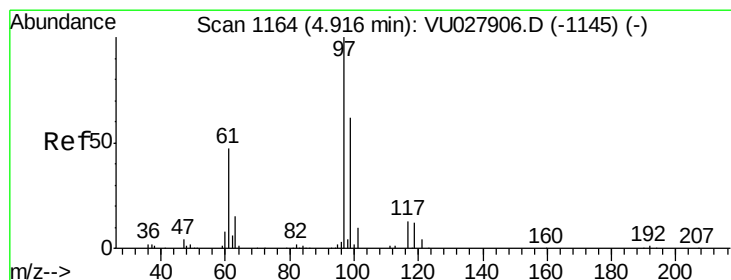
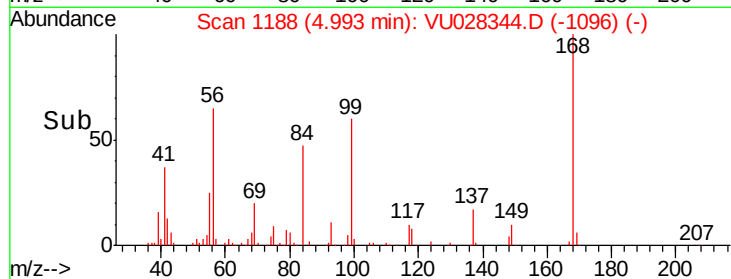
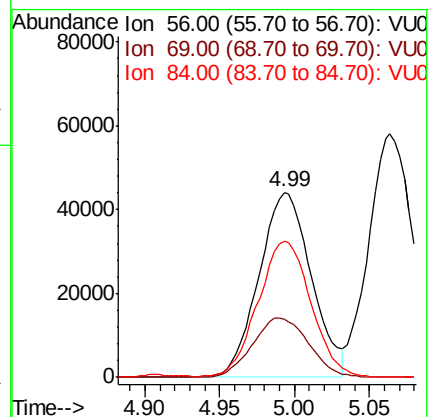
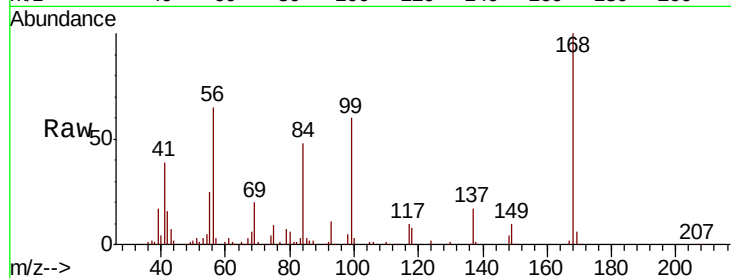
Tot Ion: 56 Resp: 107455

Ion Ratio Lower Upper

56 100

69 31.2 23.7 35.5

84 73.1 58.2 87.4



#32

1,1,1-Trichloroethane

Concen: 20.686 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

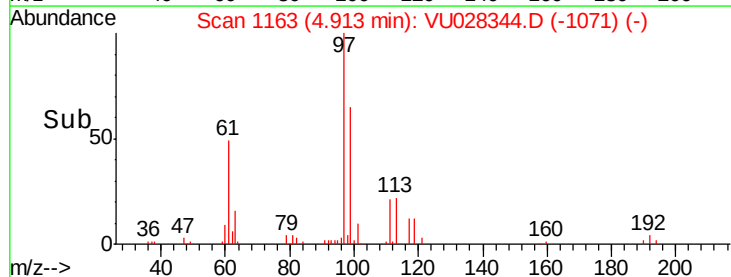
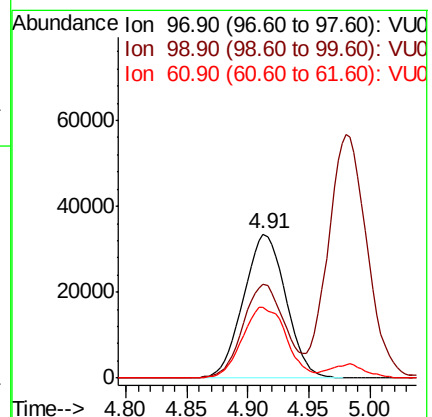
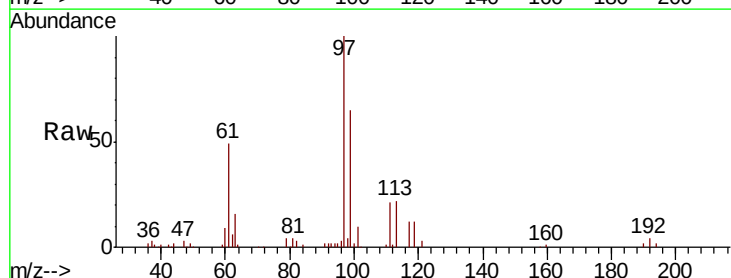
Tgt Ion: 97 Resp: 80834

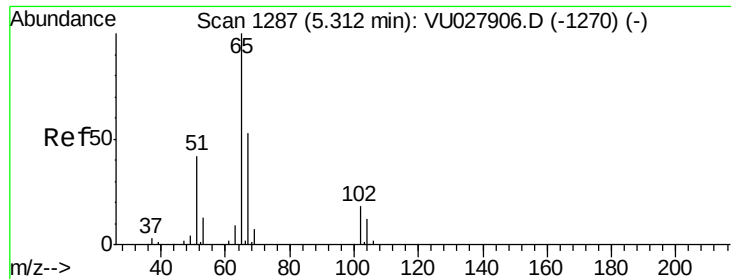
Ion Ratio Lower Upper

97 100

99 64.2 50.5 75.7

61 51.1 38.3 57.5

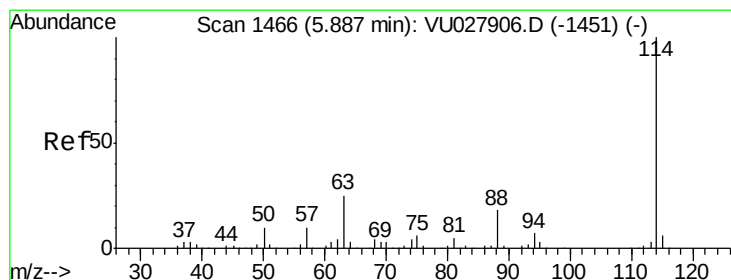
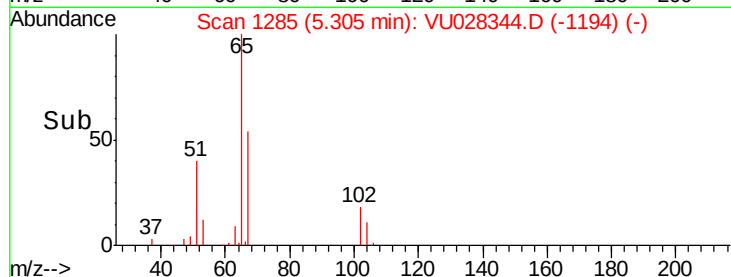
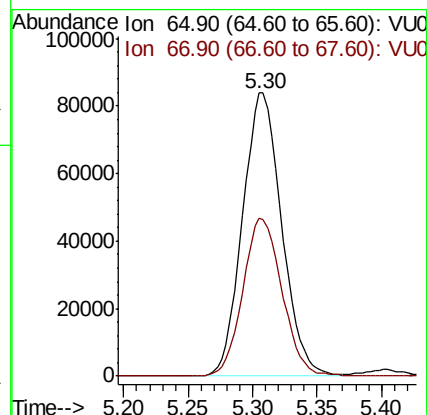
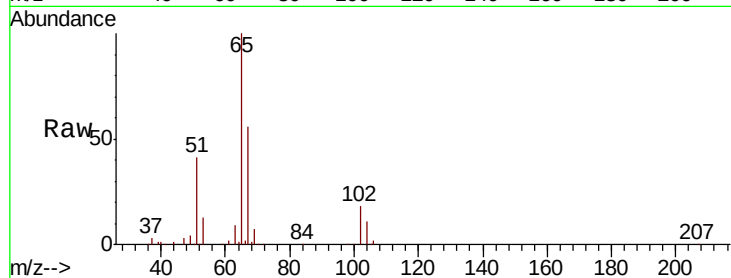




#33
 1,2-Dichloroethane-d4
 Concen: 58.766 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

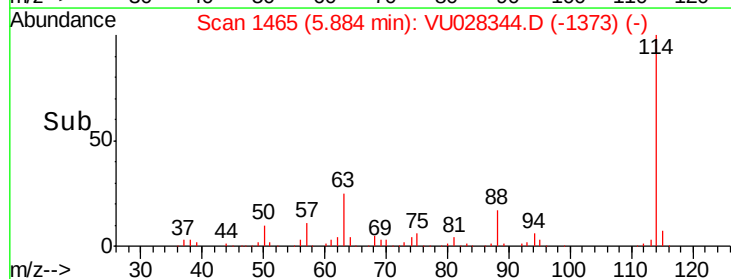
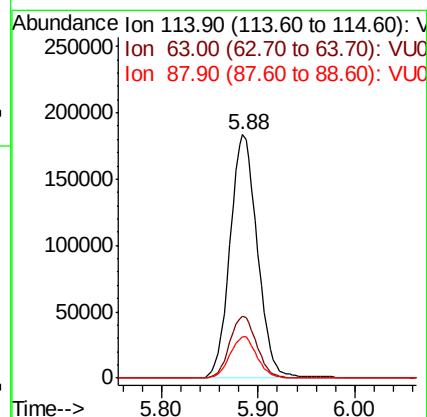
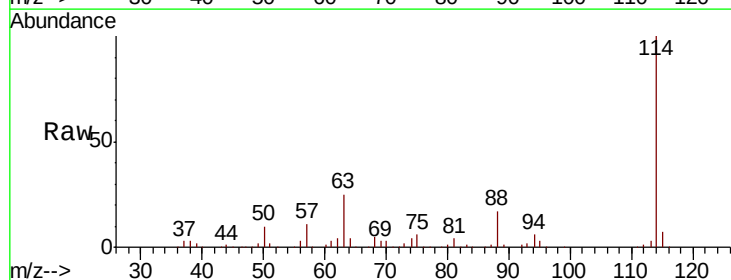
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

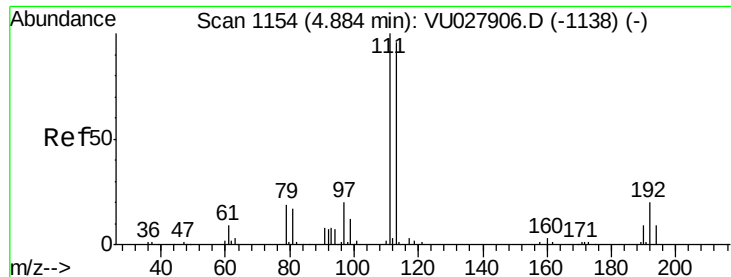
Tot Ion: 65 Resp: 177587
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion: 114 Resp: 361156
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 50.8
 88 16.9 0.0 35.8

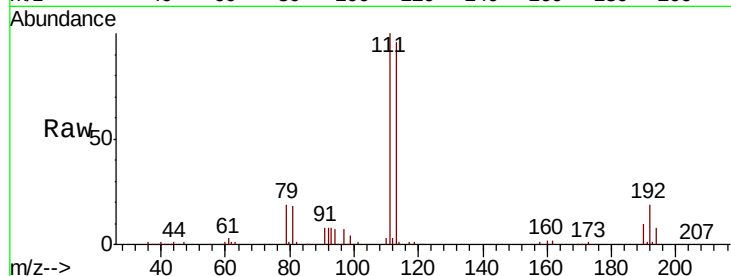




#35
 Dibromofluoromethane
 Concen: 55.702 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.0	124.6
192	18.8	15.6	23.4

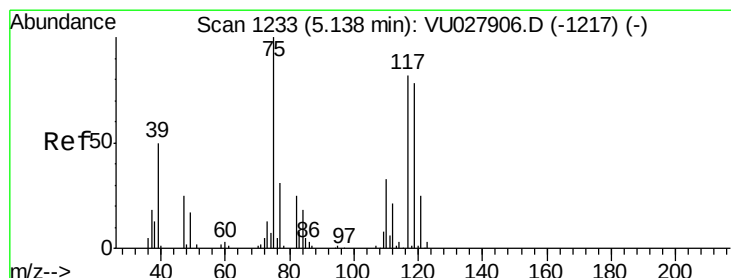
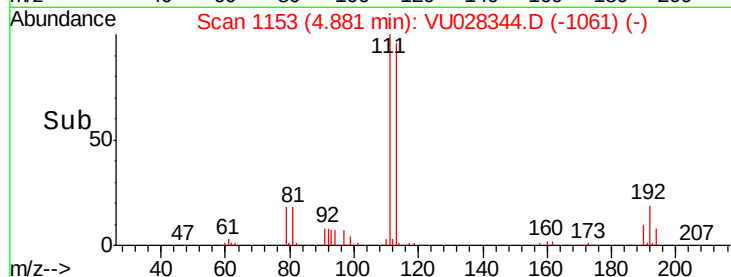
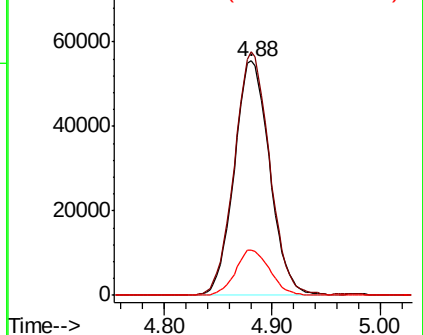


Abundance

Ion 112.80 (112.50 to 113.50): V

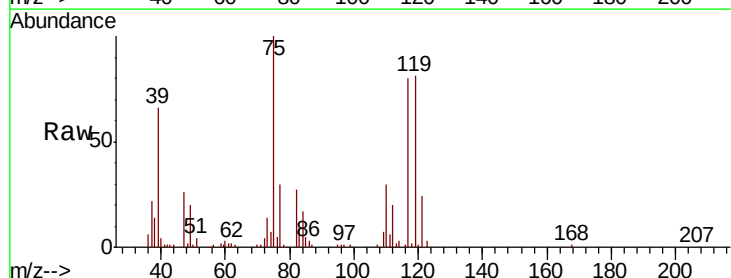
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 19.217 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.5	49.5
77	30.7	24.9	37.3

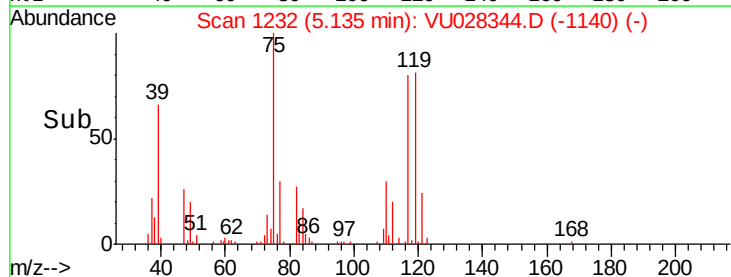
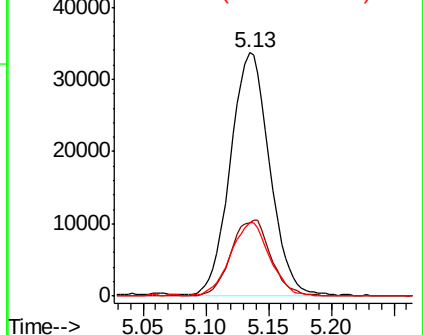


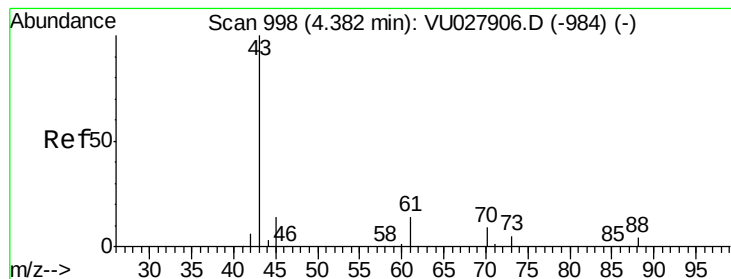
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 19.314 ug/l

RT: 4.38 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

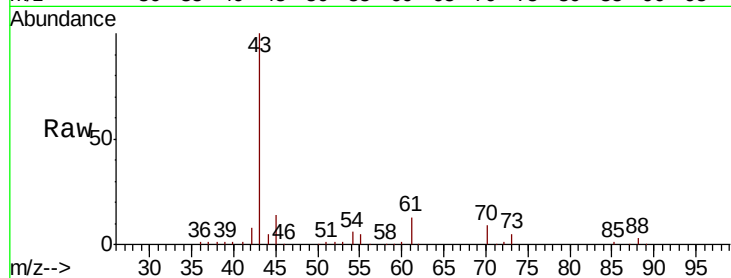
Tot Ion: 43 Resp: 107041

Ion Ratio Lower Upper

43 100

61 12.9 10.3 15.5

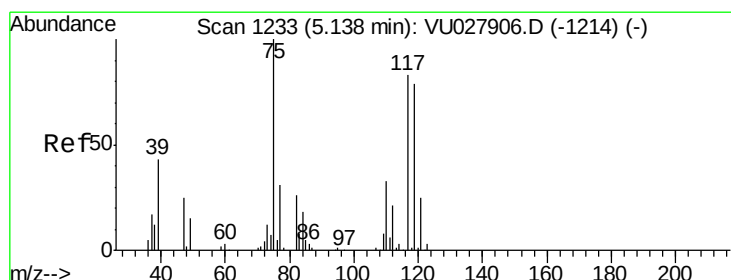
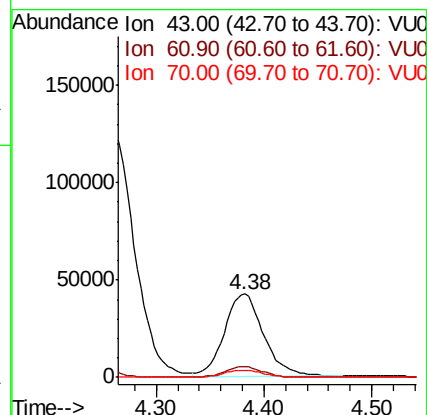
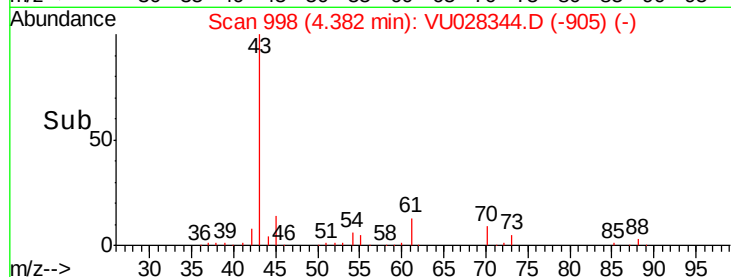
70 8.8 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VU028344.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU028344.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU028344.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 19.085 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

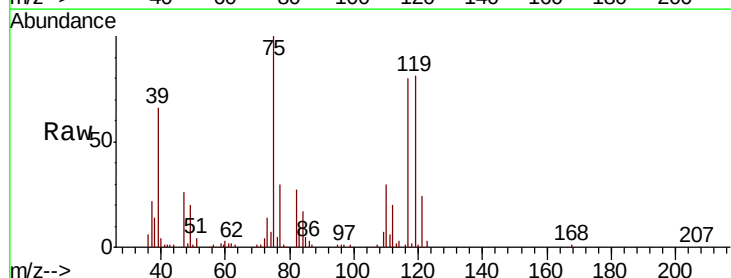
Tgt Ion: 117 Resp: 63973

Ion Ratio Lower Upper

117 100

119 100.3 76.0 114.0

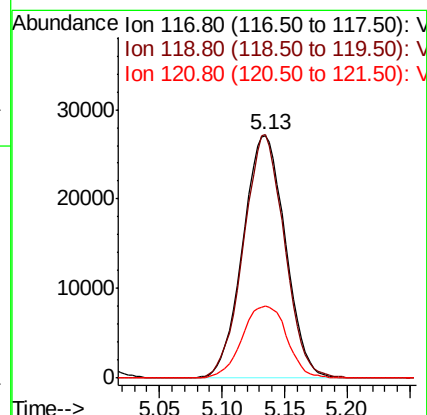
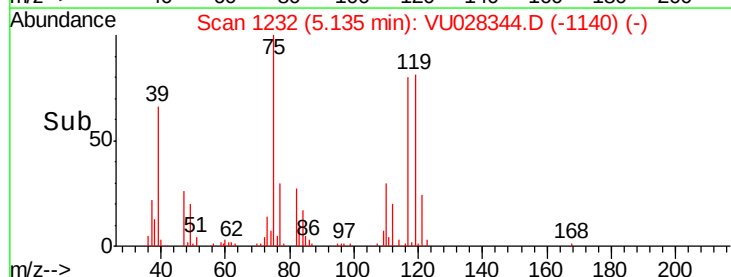
121 29.6 24.5 36.7

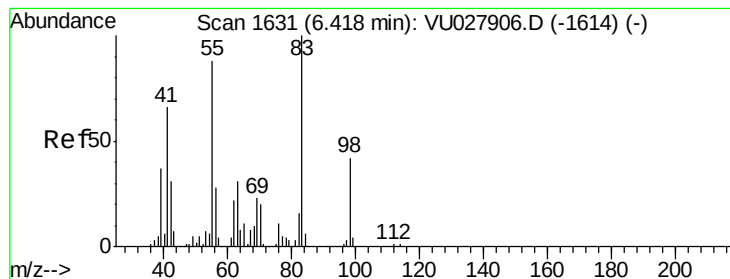


Abundance Ion 116.80 (116.50 to 117.50): VU028344.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU028344.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU028344.D (-1140) (-)





#39

Methylvlcyclohexane

Concen: 19.014 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampled :

VU1127WBS01

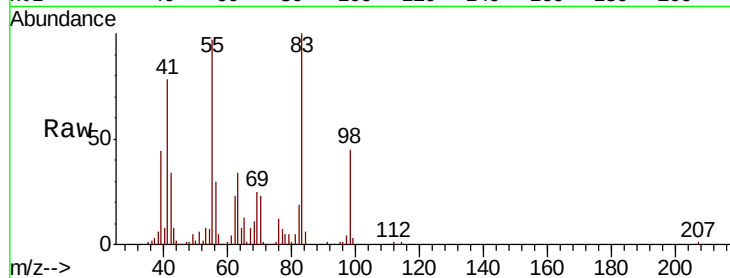
Tot Ion: 83 Resp: 86746

Ion Ratio Lower Upper

83 100

55 96.9 70.3 105.5

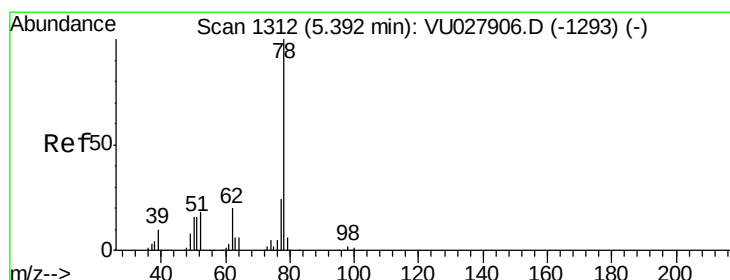
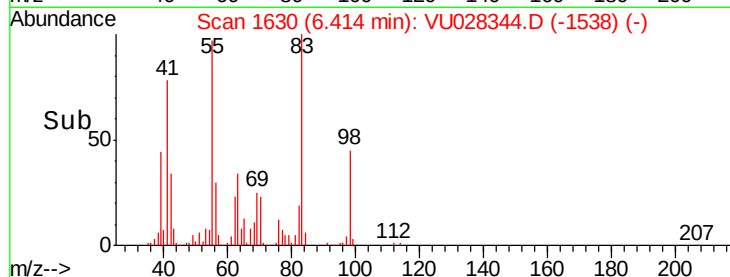
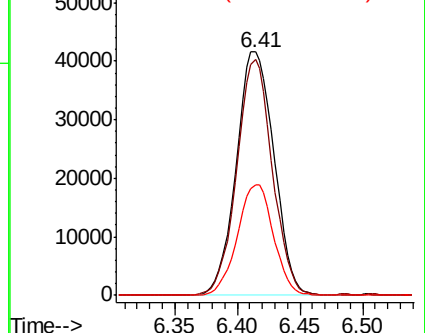
98 45.2 34.0 51.0



Abundance Ion 83.00 (82.70 to 83.70): VU027906.D (-1614) (-)

Ion 55.00 (54.70 to 55.70): VU027906.D (-1614) (-)

Ion 98.00 (97.70 to 98.70): VU027906.D (-1614) (-)



#40

Benzene

Concen: 20.135 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028344.D

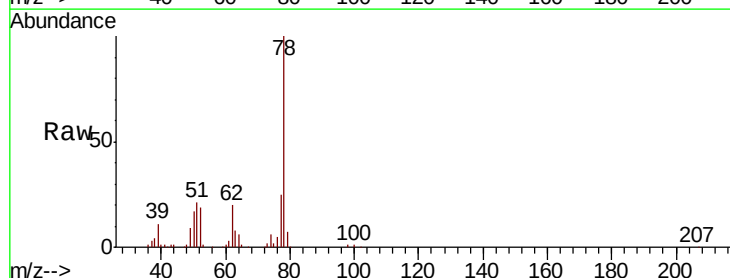
Acq: 27 Nov 2018 18:37

Tgt Ion: 78 Resp: 232853

Ion Ratio Lower Upper

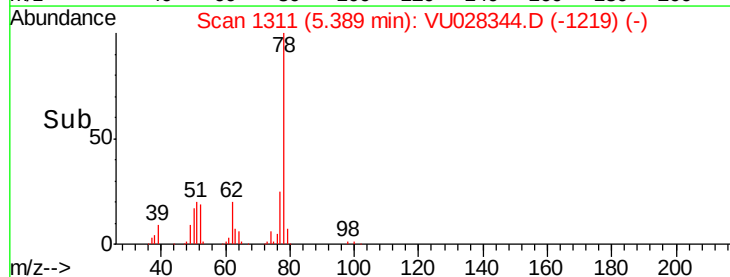
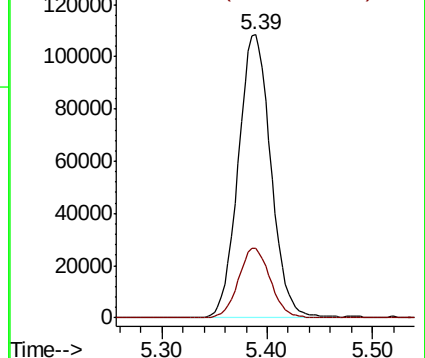
78 100

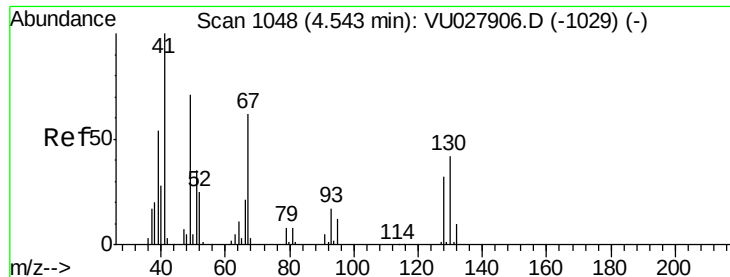
77 24.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU027906.D (-1293) (-)

Ion 77.00 (76.70 to 77.70): VU027906.D (-1293) (-)

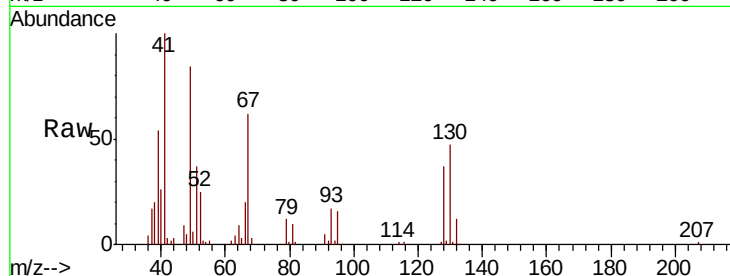




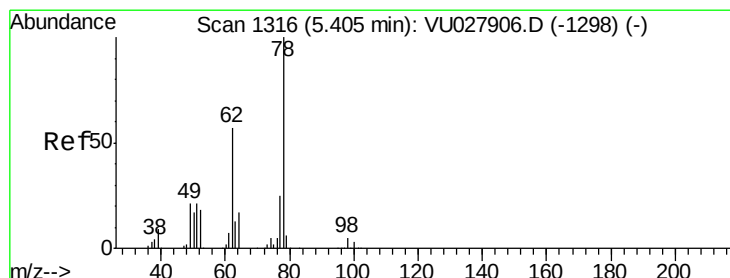
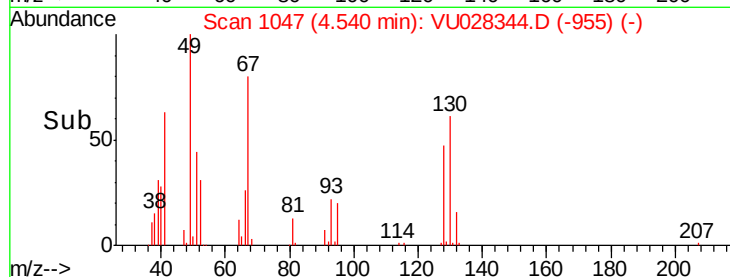
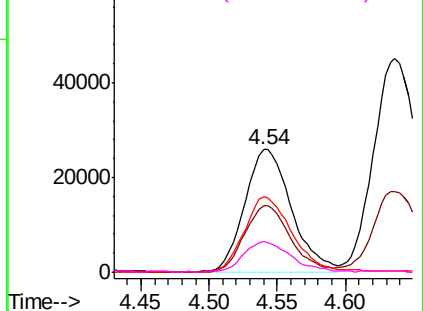
#41
Methacrylonitrile
Concen: 20.949 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

Tot Ion:	41	Resp:	61960
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.2	63.4
67	61.9	49.5	74.3
52	25.2	20.5	30.7

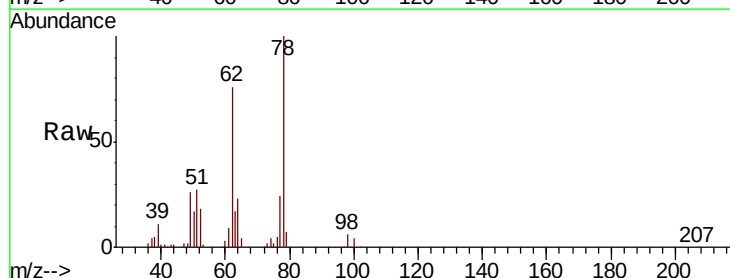


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

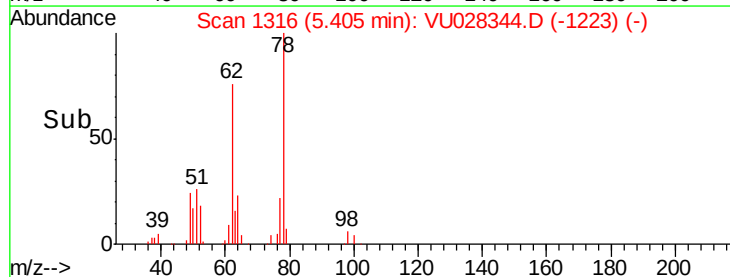
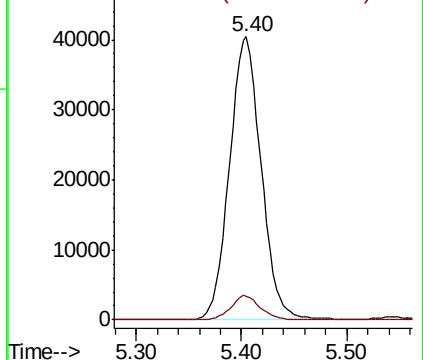


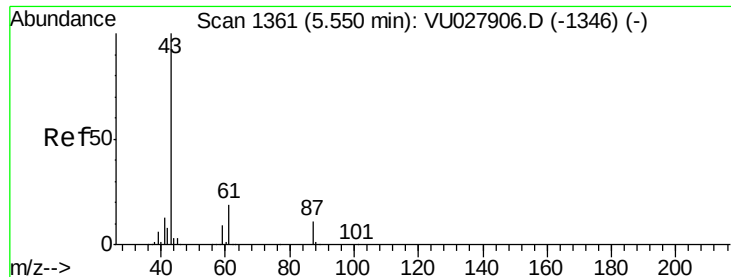
#42
1,2-Dichloroethane
Concen: 20.445 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion:	62	Resp:	84042
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 19.970 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

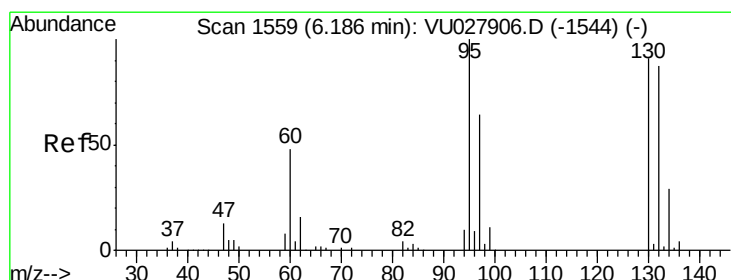
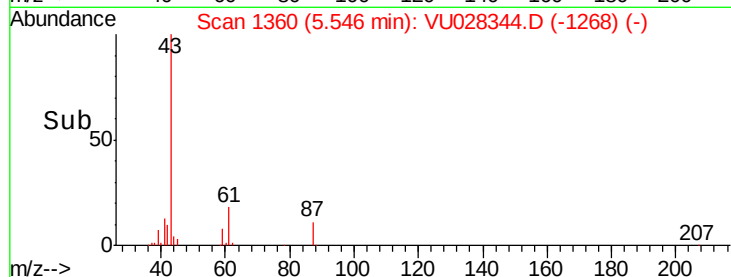
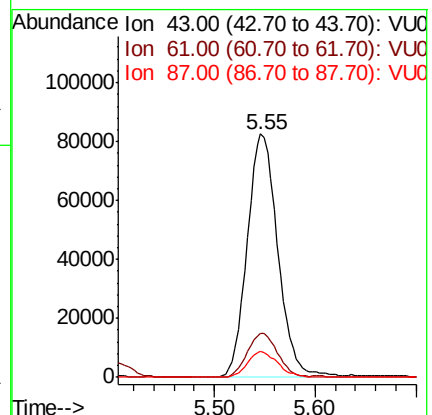
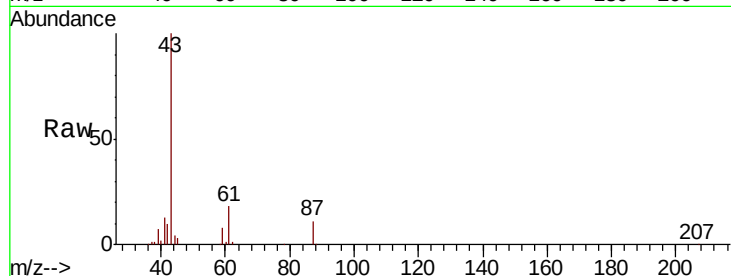
Tot Ion: 43 Resp: 173398

Ion Ratio Lower Upper

43 100

61 17.9 15.0 22.4

87 10.6 8.6 12.8



#44

Trichloroethene

Concen: 19.685 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028344.D

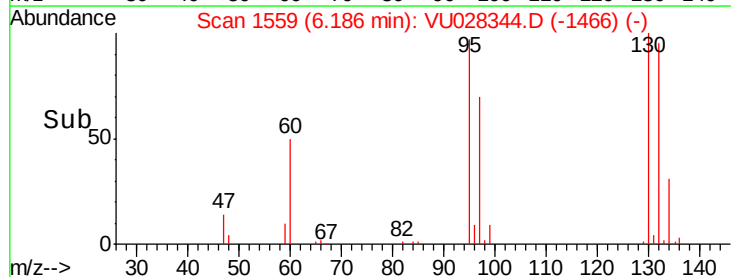
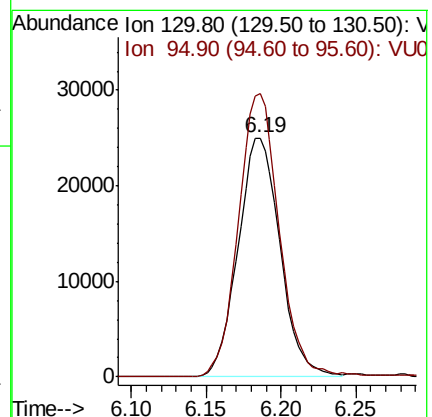
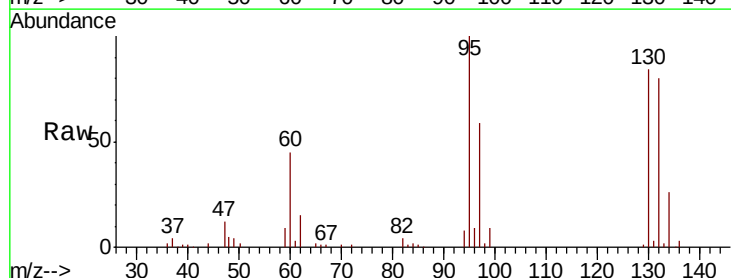
Acq: 27 Nov 2018 18:37

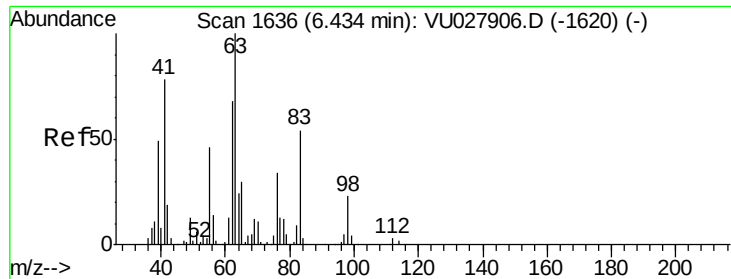
Tgt Ion:130 Resp: 48934

Ion Ratio Lower Upper

130 100

95 118.5 0.0 219.2

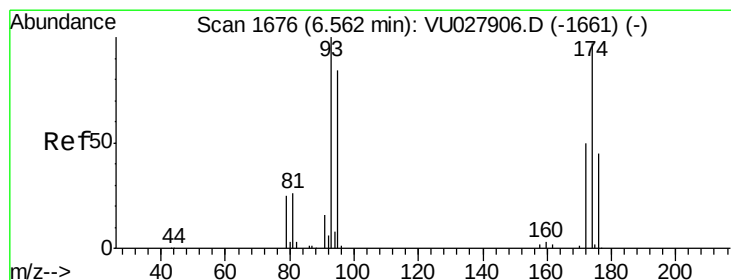
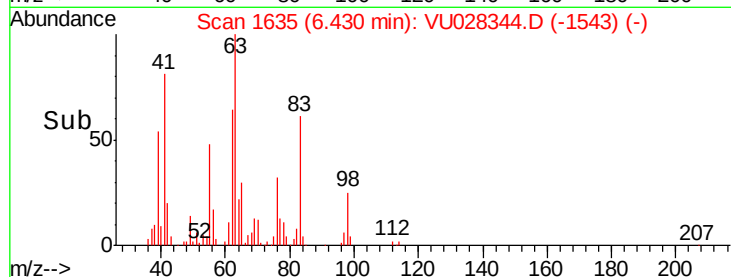
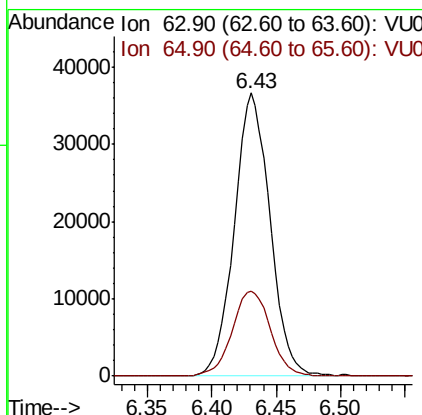
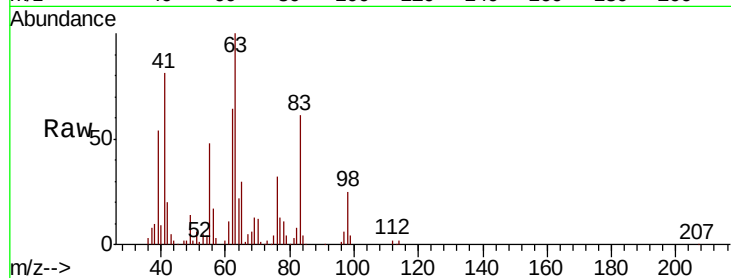




#45
 1,2-Dichloropropane
 Concen: 21.140 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

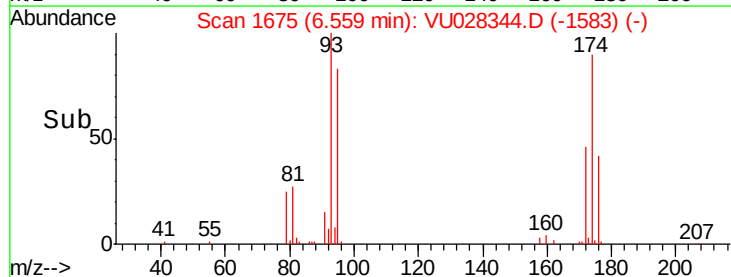
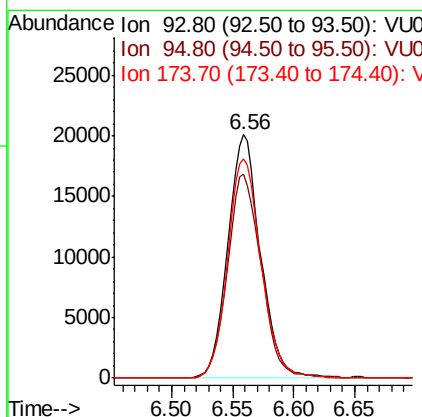
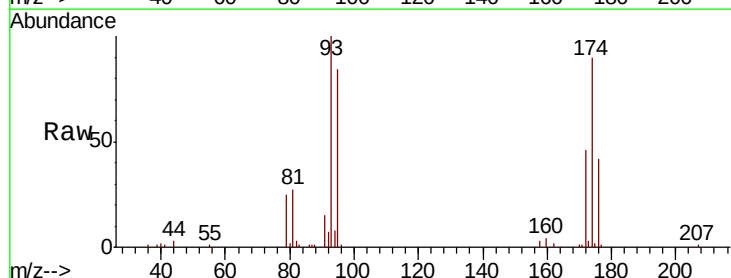
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

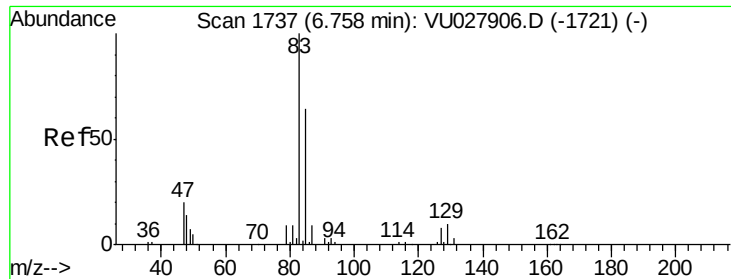
Tot Ion: 63 Resp: 70505
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.4 36.6



#46
 Dibromomethane
 Concen: 19.537 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion: 93 Resp: 37454
 Ion Ratio Lower Upper
 93 100
 95 86.4 68.5 102.7
 174 92.0 76.1 114.1





#47

Bromodichloromethane

Concen: 21.299 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

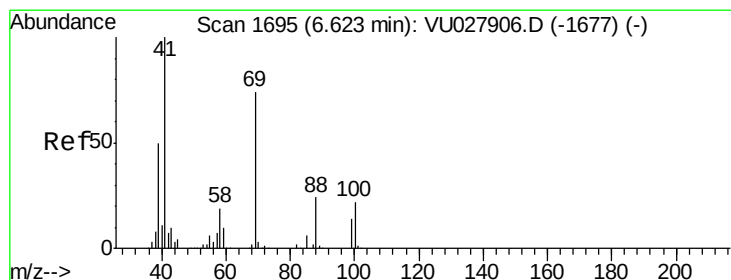
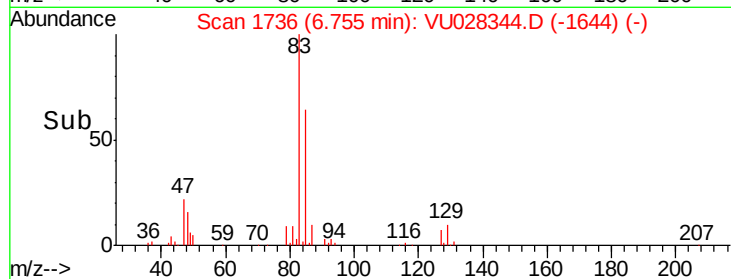
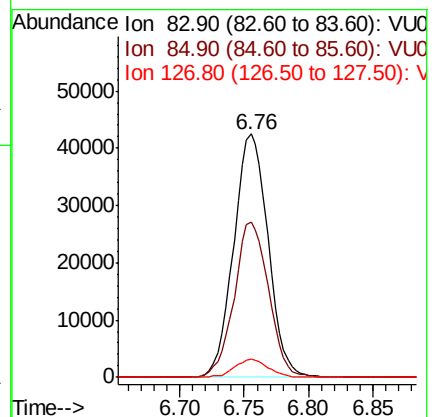
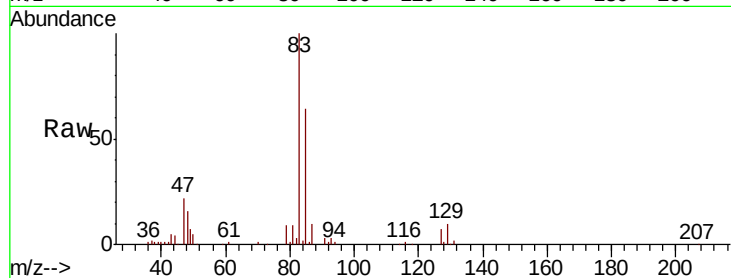
Tot Ion: 83 Resp: 78687

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6

127 7.4 6.2 9.4



#48

Methyl methacrylate

Concen: 20.139 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

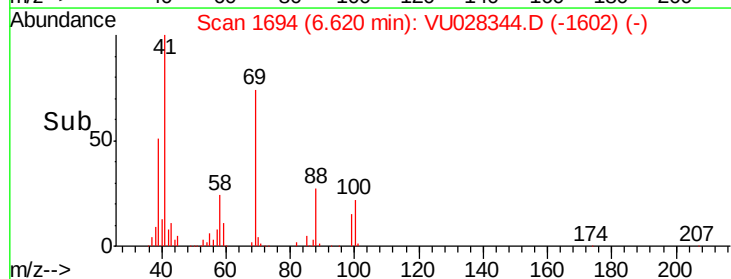
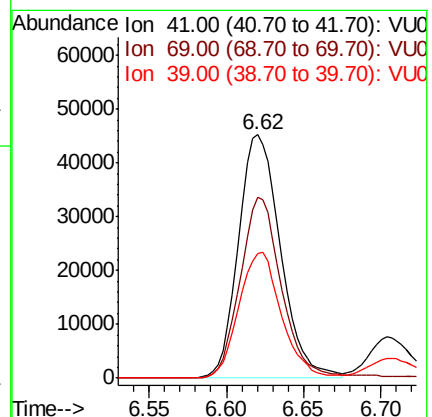
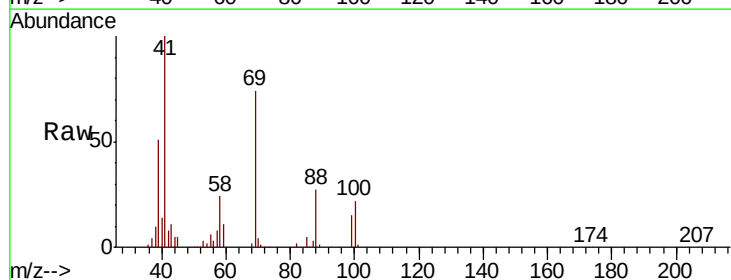
Tgt Ion: 41 Resp: 85692

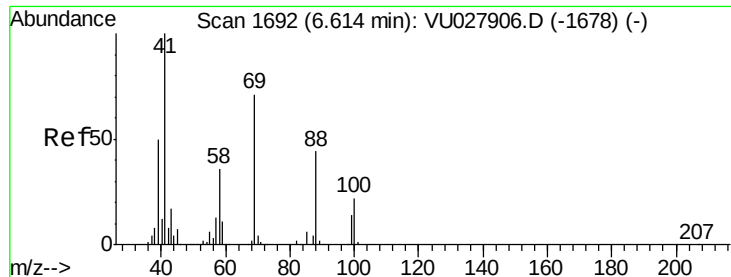
Ion Ratio Lower Upper

41 100

69 73.4 59.8 89.8

39 52.3 40.0 60.0

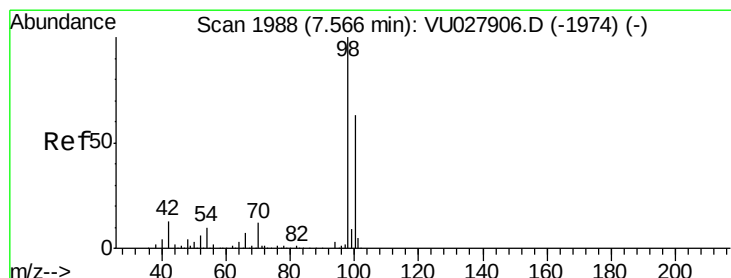
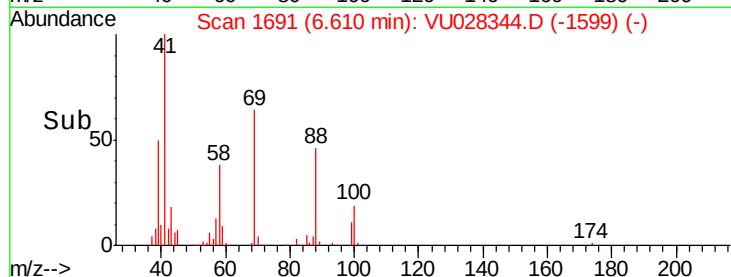
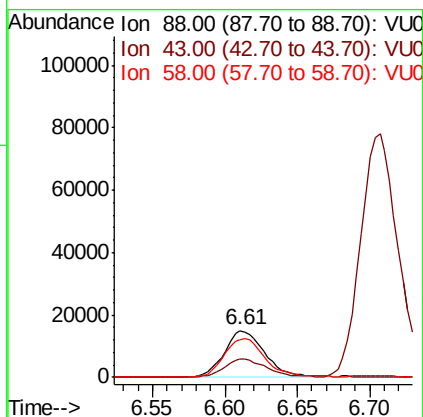
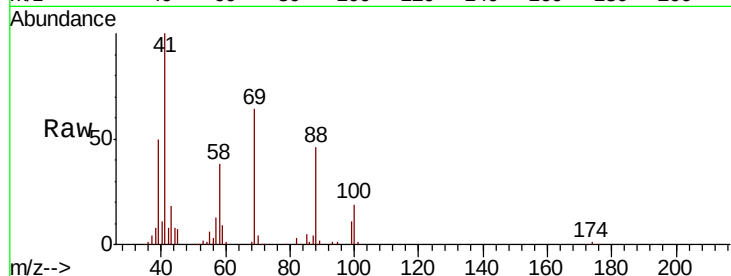




#49
1,4-Dioxane
Concen: 405.783 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

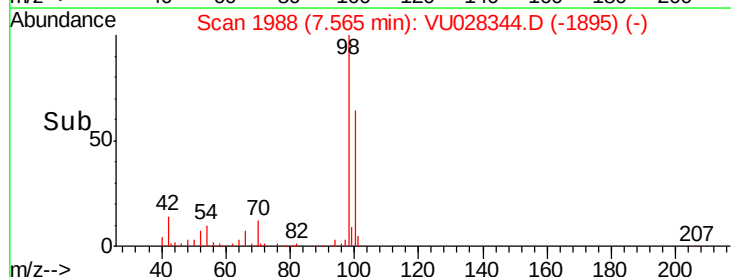
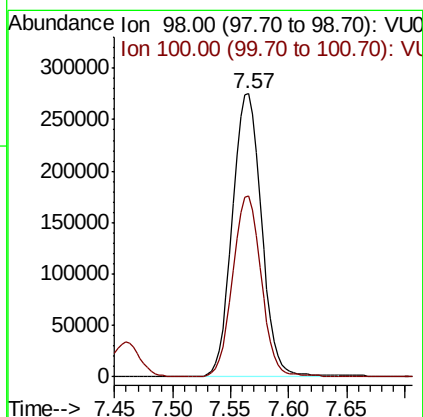
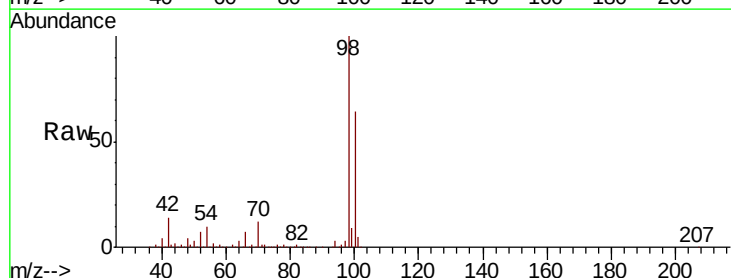
Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

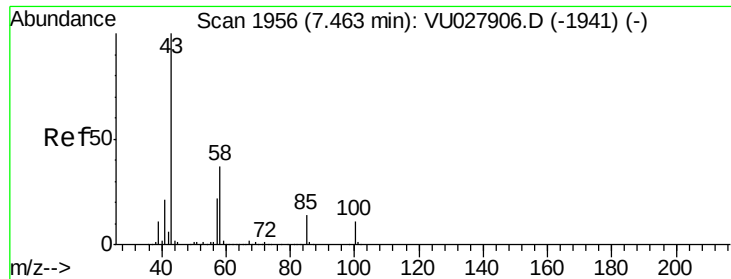
Tot Ion: 88 Resp: 28170
Ion Ratio Lower Upper
88 100
43 42.4 30.5 45.7
58 86.1 67.1 100.7



#50
Toluene-d8
Concen: 54.835 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion: 98 Resp: 482355
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1

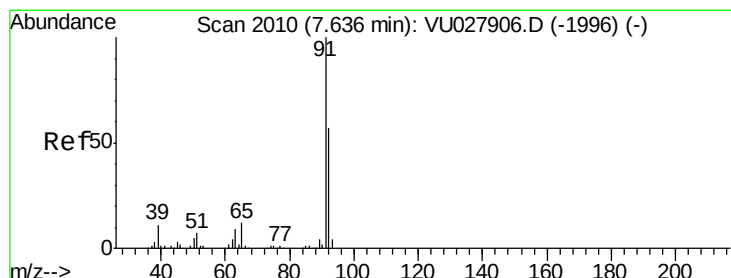
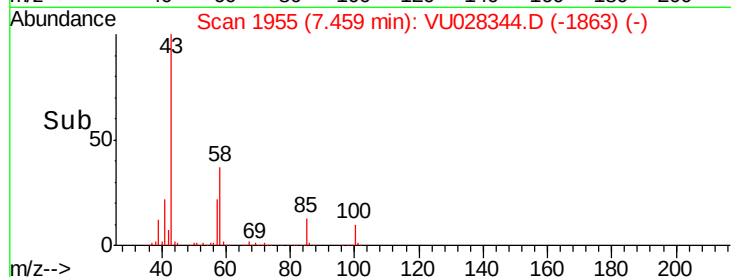
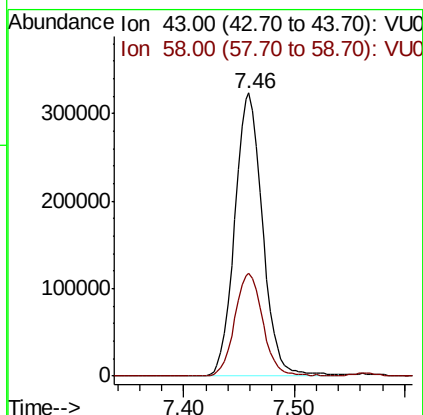
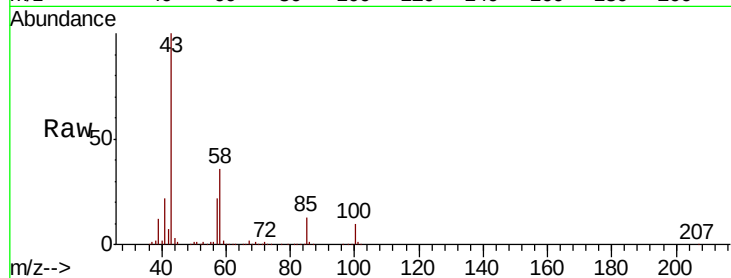




#51
 4-Methyl-2-Pentanone
 Concen: 97.802 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

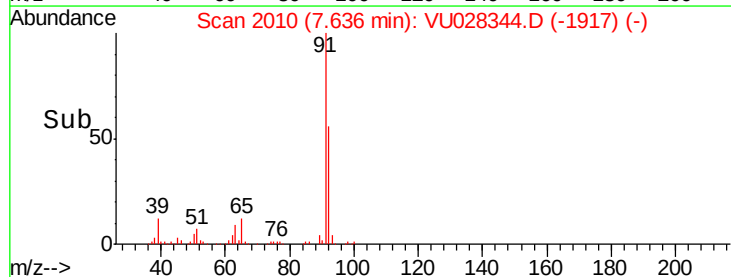
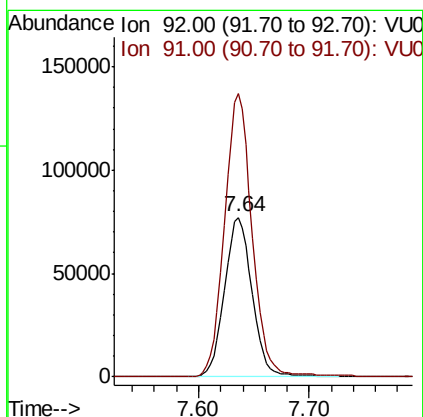
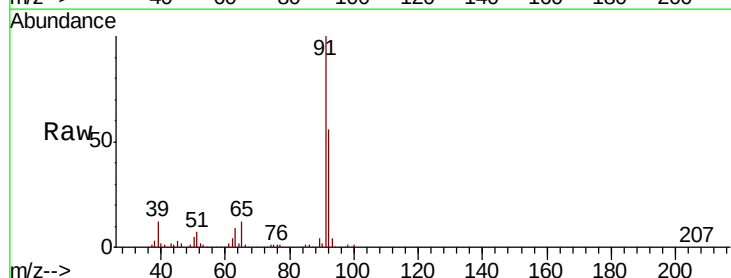
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

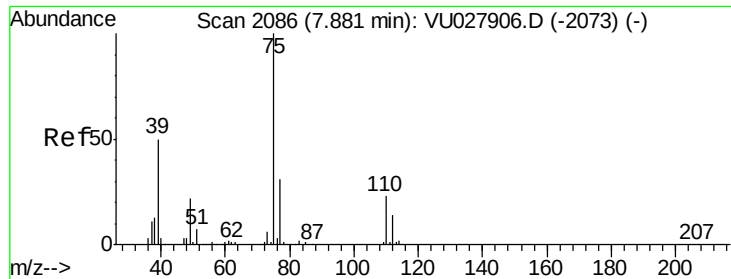
Tot Ion: 43 Resp: 567133
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.5 44.3



#52
 Toluene
 Concen: 19.750 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion: 92 Resp: 134273
 Ion Ratio Lower Upper
 92 100
 91 175.0 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 19.947 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

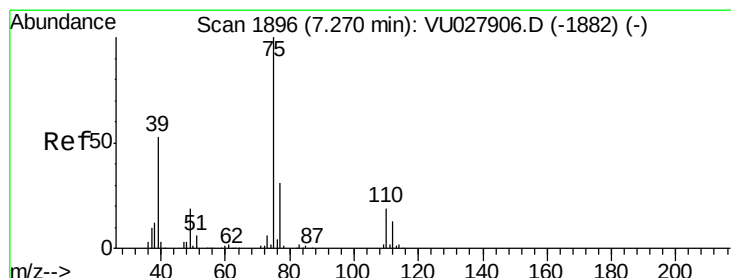
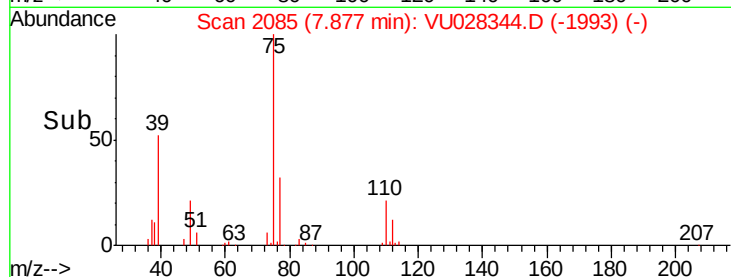
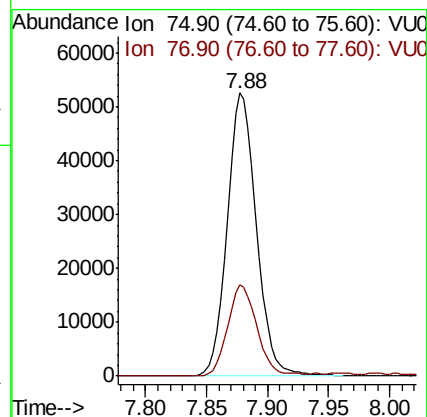
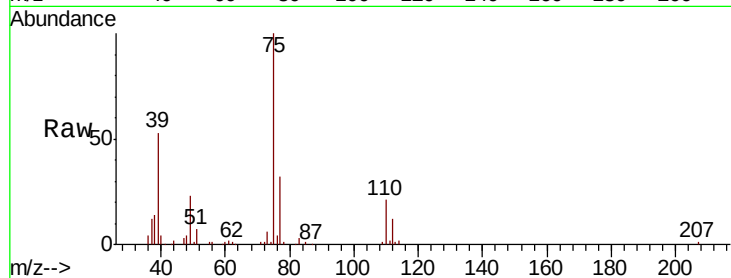
VU1127WBS01

Tot Ion: 75 Resp: 88236

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 21.030 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

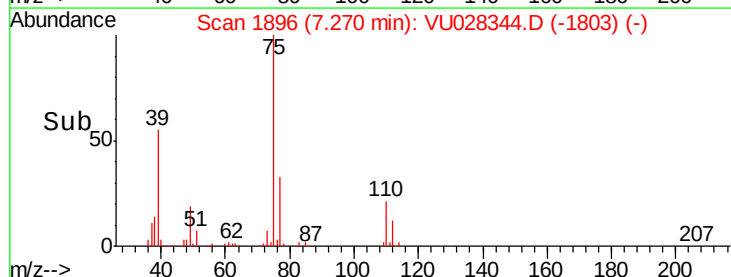
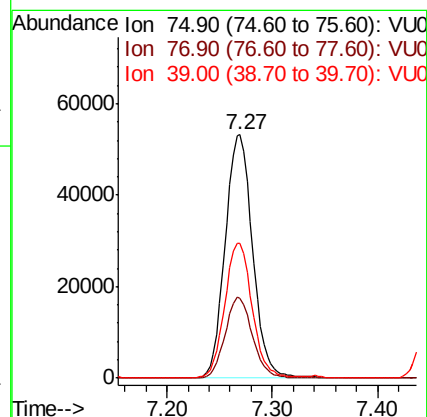
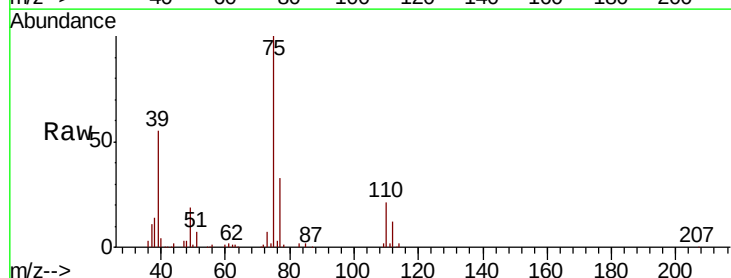
Tgt Ion: 75 Resp: 95779

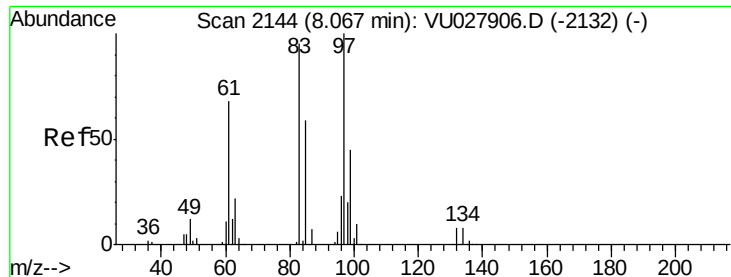
Ion Ratio Lower Upper

75 100

77 32.8 24.6 37.0

39 55.0 42.6 64.0

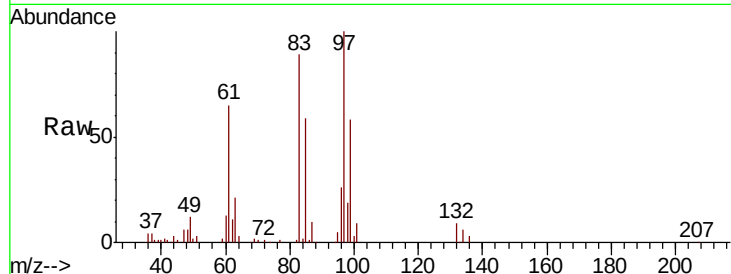




#55
 1,1,2-Trichloroethane
 Concen: 20.522 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

Tot Ion:	97	Resp:	56764
Ion	Ratio	Lower	Upper
97	100		
83	89.1	76.1	114.1
85	58.8	48.9	73.3
99	57.9	52.0	78.0



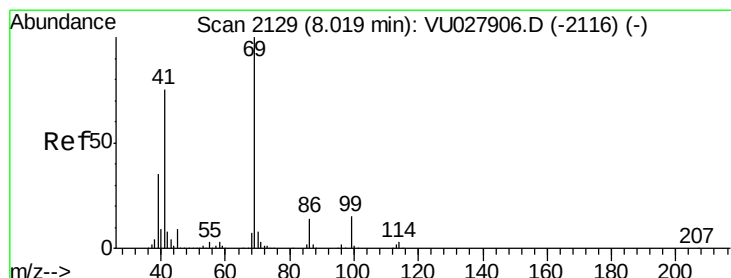
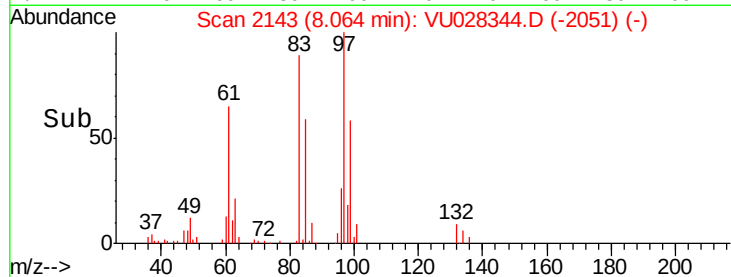
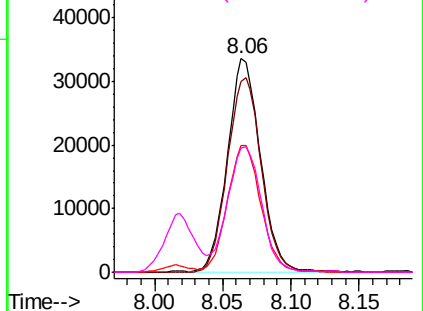
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

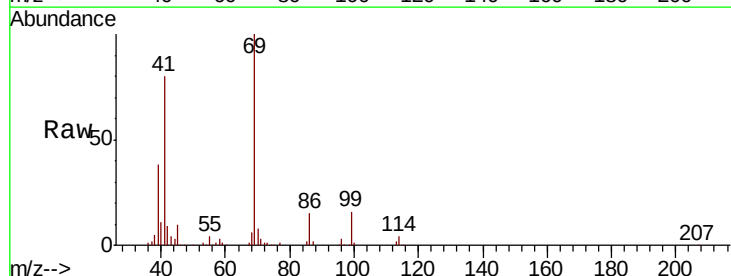
Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56
 Ethyl methacrylate
 Concen: 18.712 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion:	69	Resp:	91277
Ion	Ratio	Lower	Upper
69	100		
41	81.5	59.8	89.6
39	38.1	28.6	42.8

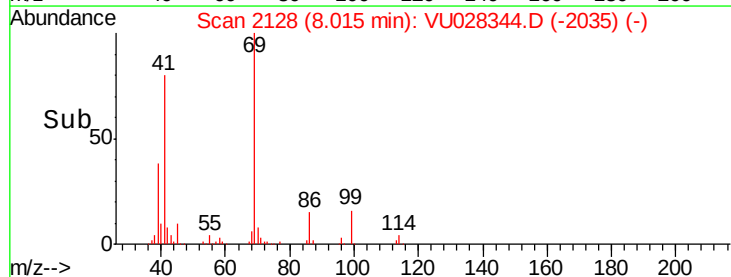
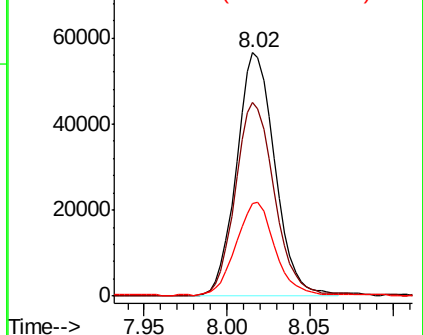


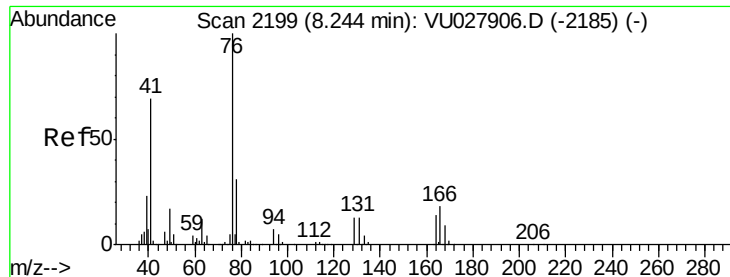
Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

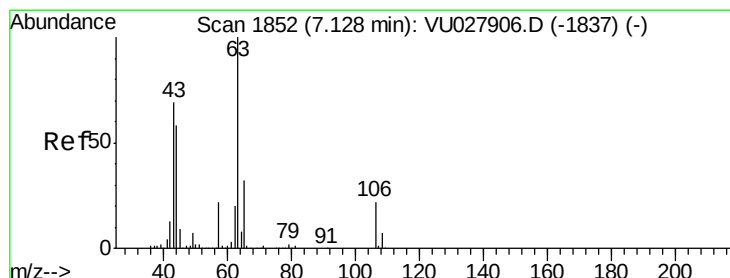
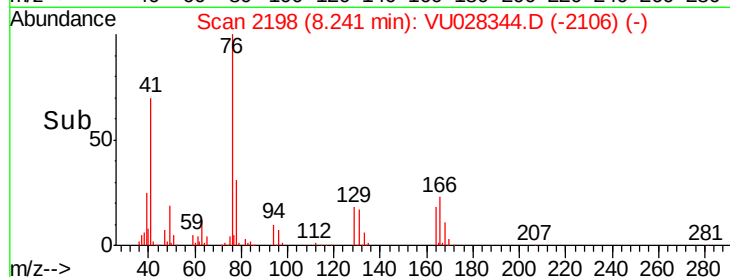
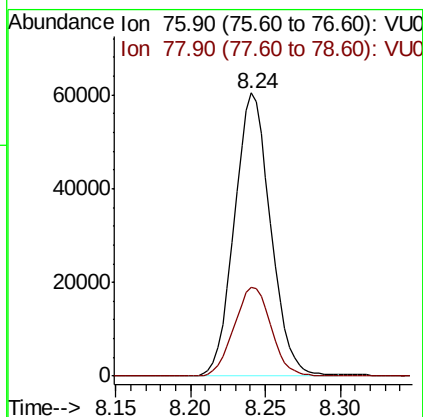
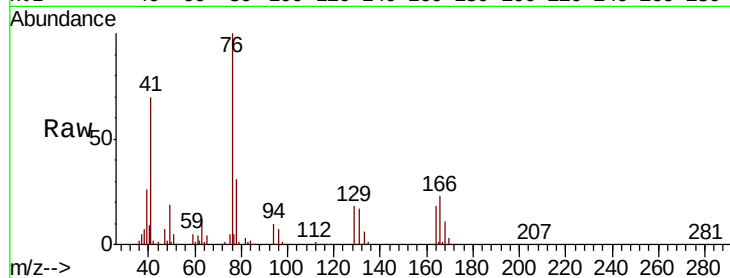




#57
 1,3-Dichloropropane
 Concen: 20.180 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

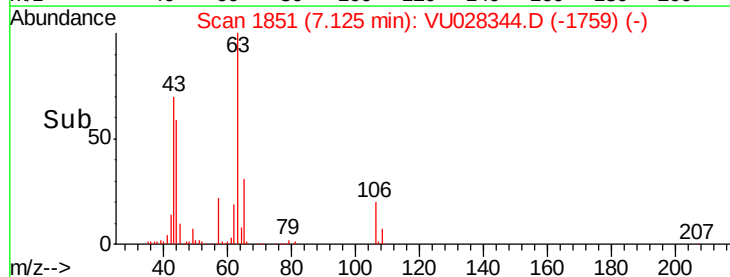
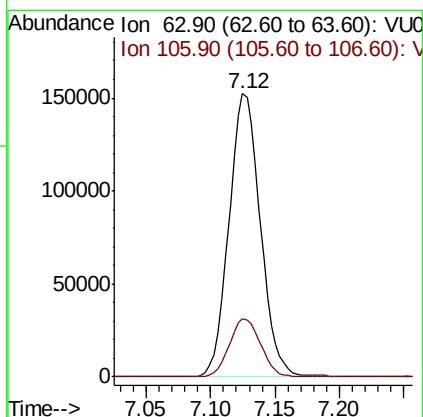
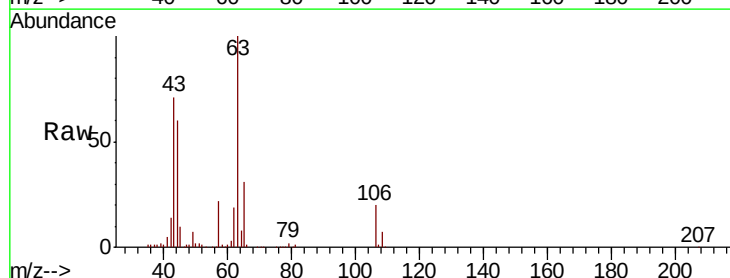
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

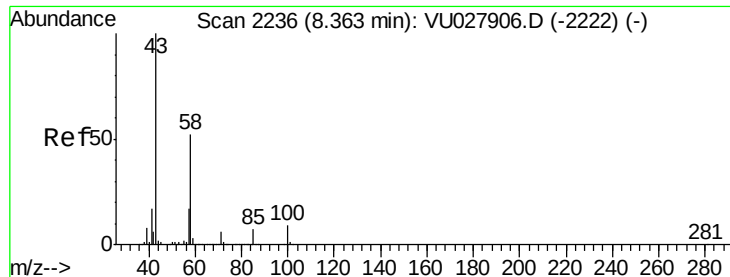
Tot Ion: 76 Resp: 101681
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.548 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion: 63 Resp: 257453
 Ion Ratio Lower Upper
 63 100
 106 20.6 17.8 26.6





#59

2-Hexanone

Concen: 100.595 ug/l

RT: 8.36 min Scan# 2235

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

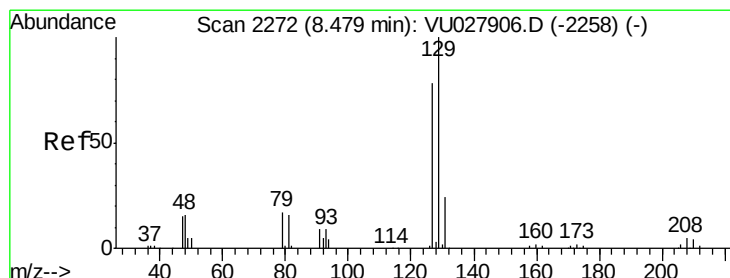
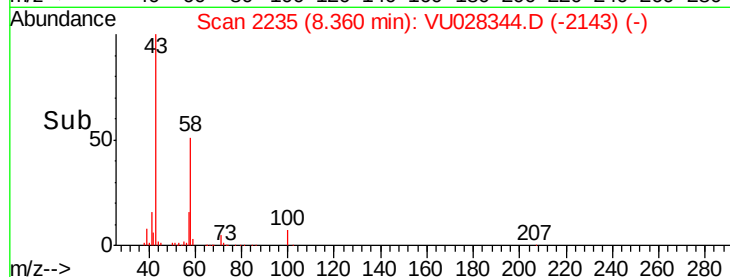
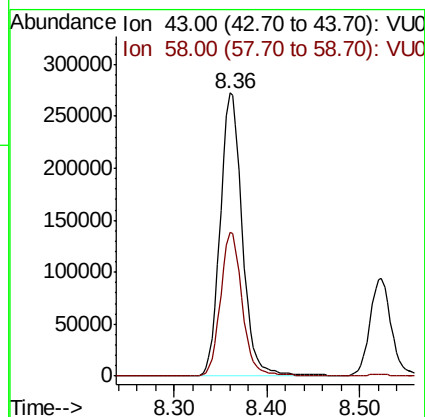
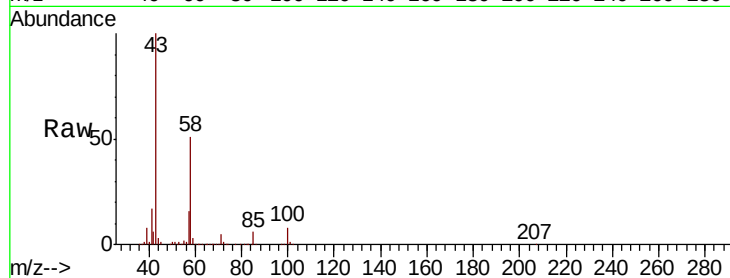
VU1127WBS01

Tot Ion: 43 Resp: 451168

Ion Ratio Lower Upper

43 100

58 49.8 25.8 77.3



#60

Dibromochloromethane

Concen: 20.386 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VU028344.D

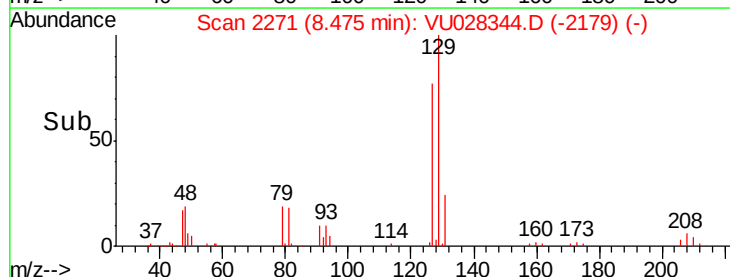
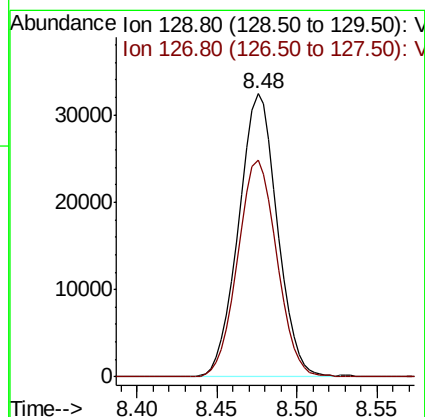
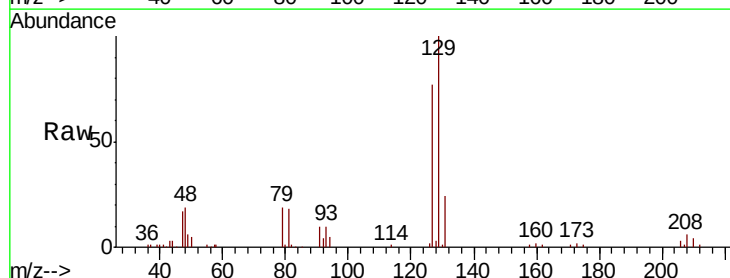
Acq: 27 Nov 2018 18:37

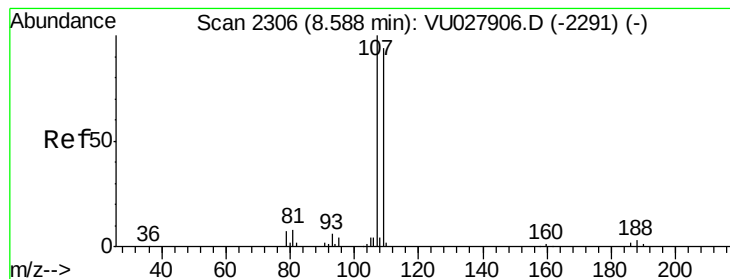
Tgt Ion: 129 Resp: 53358

Ion Ratio Lower Upper

129 100

127 77.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 18.928 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

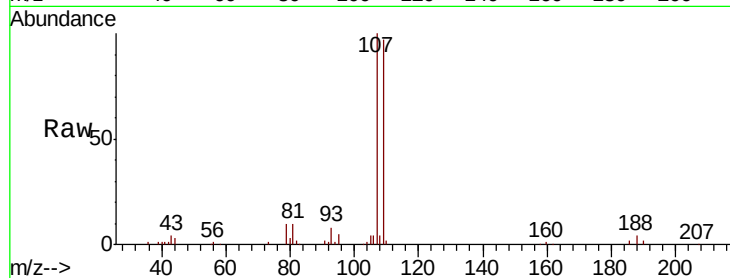
VU1127WBS01

Tot Ion:107 Resp: 55631

Ion Ratio Lower Upper

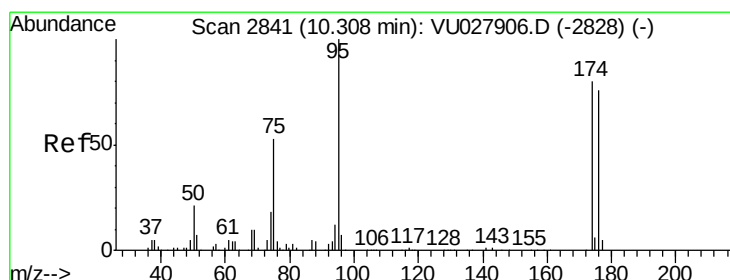
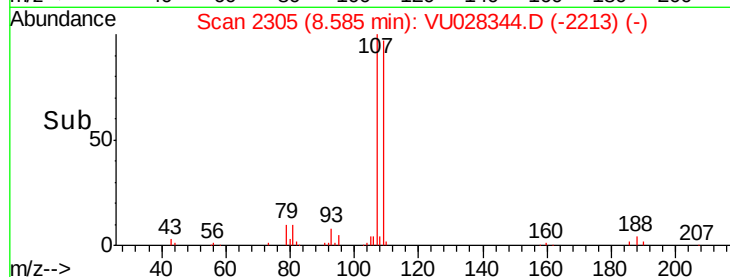
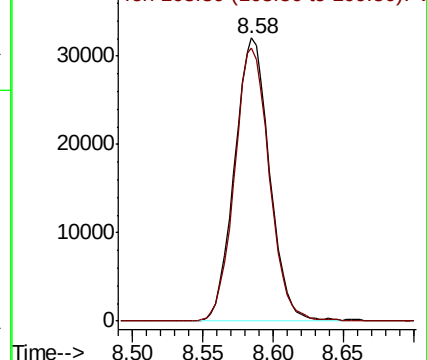
107 100

109 95.8 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.274 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

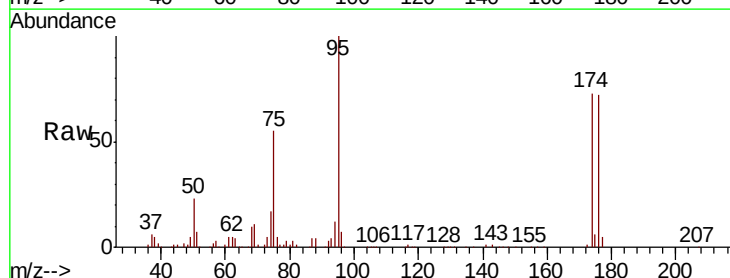
Tgt Ion: 95 Resp: 176092

Ion Ratio Lower Upper

95 100

174 72.6 0.0 156.4

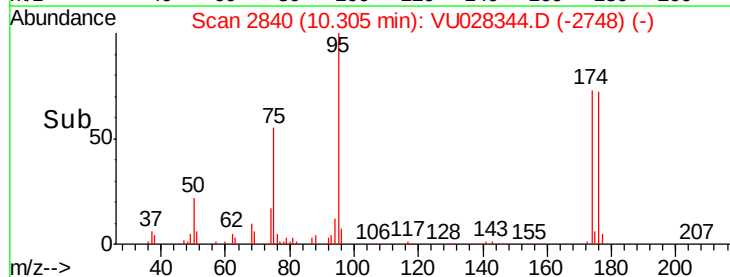
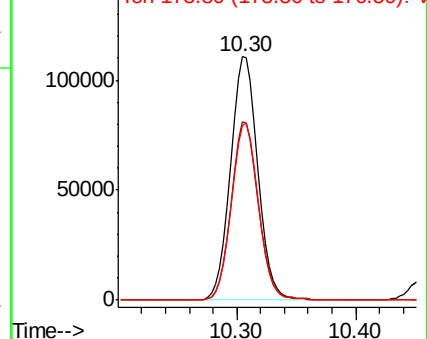
176 72.1 0.0 150.8

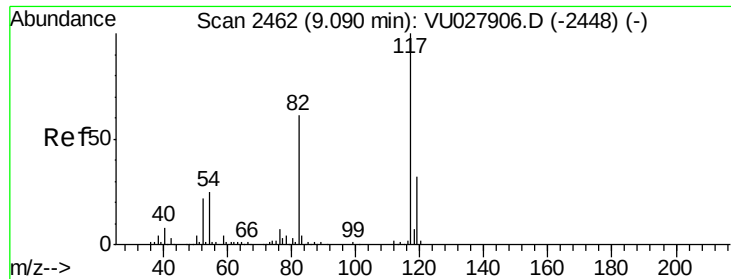


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

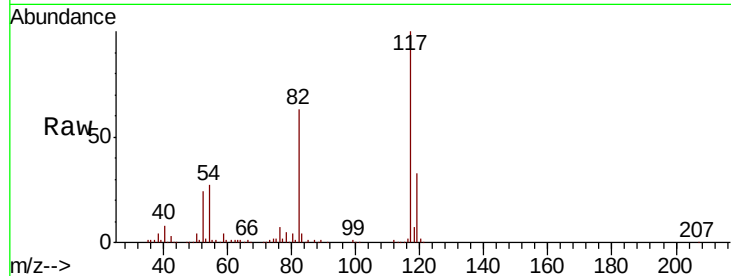




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.6	48.6	73.0
119	32.9	25.8	38.8

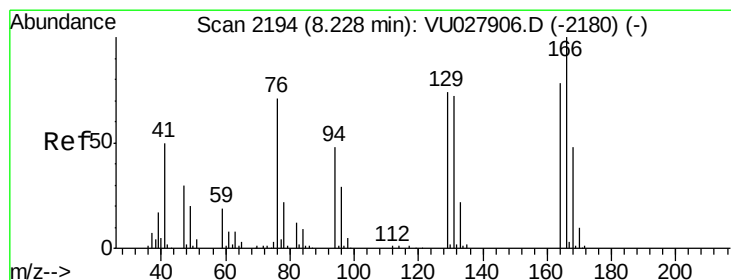
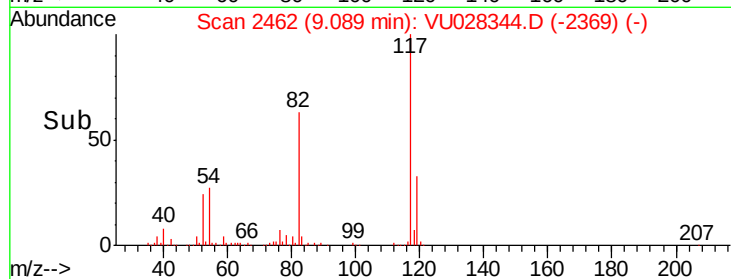
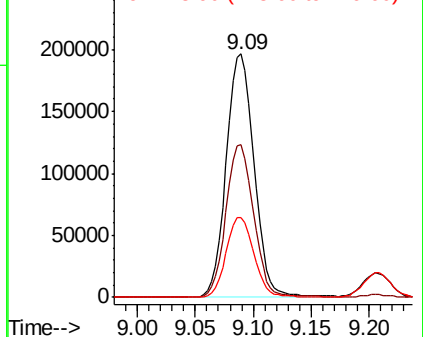


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.614 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.9	102.1	153.1
129	106.4	75.9	113.9
131	97.7	73.0	109.6

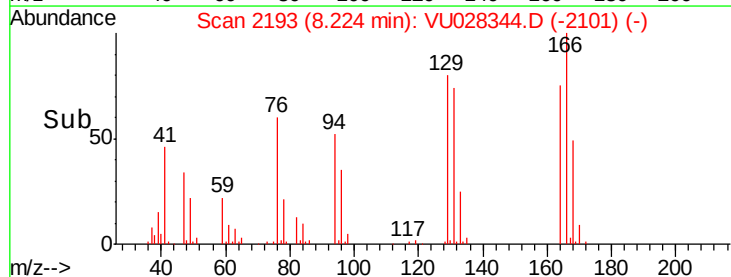
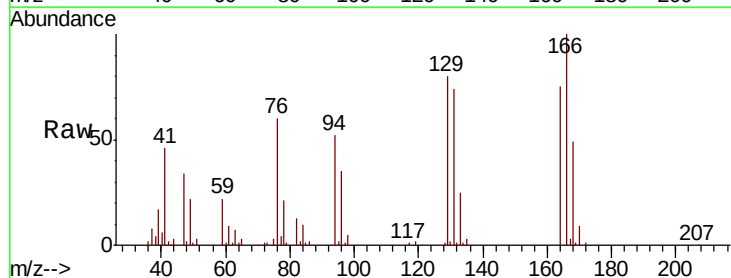
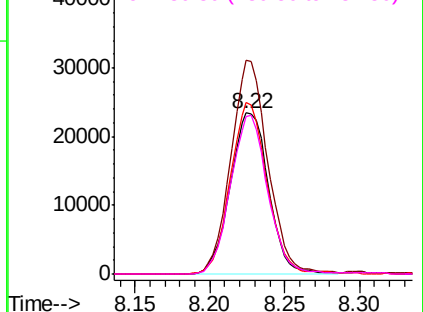
Abundance

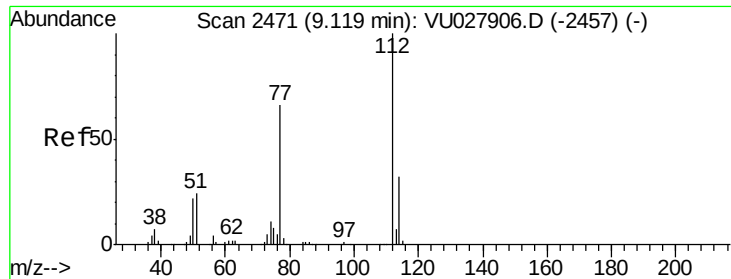
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

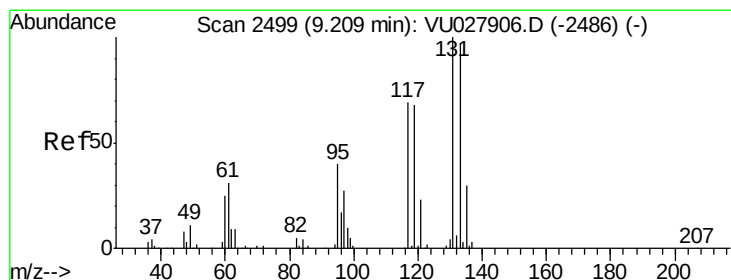
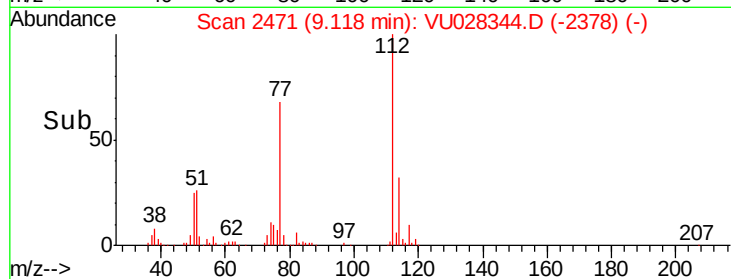
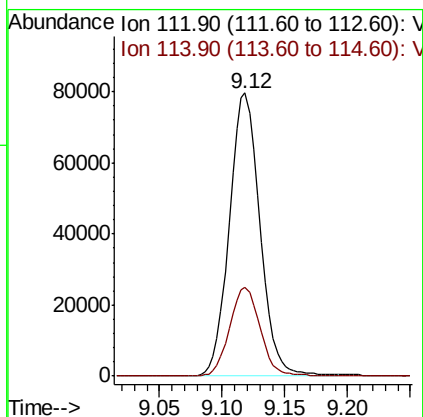
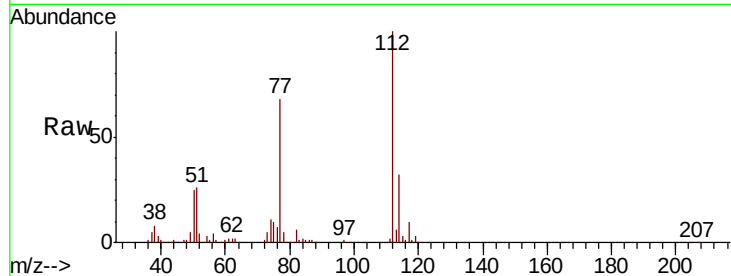




#65
Chlorobenzene
Concen: 19.514 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

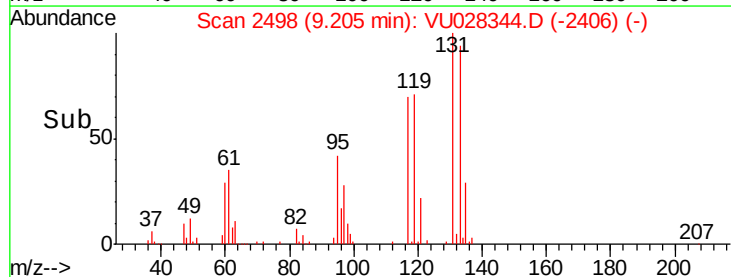
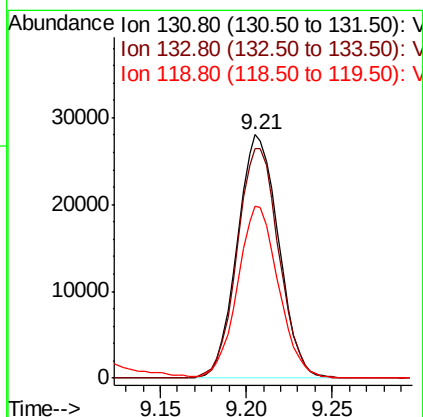
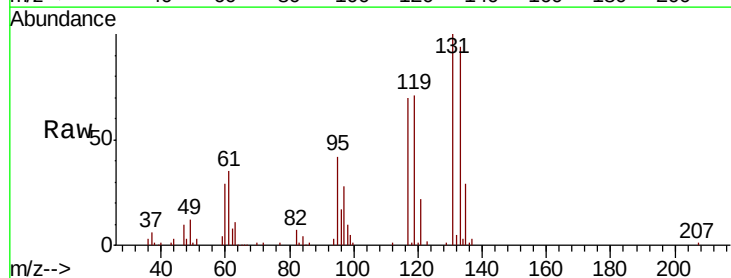
Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

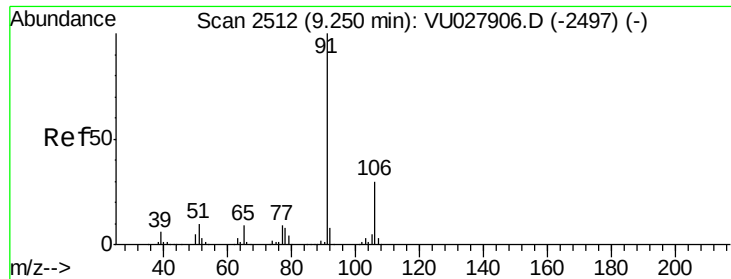
Tot Ion:112 Resp: 135408
Ion Ratio Lower Upper
112 100
114 31.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.747 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion:131 Resp: 46803
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 70.1 34.0 101.8

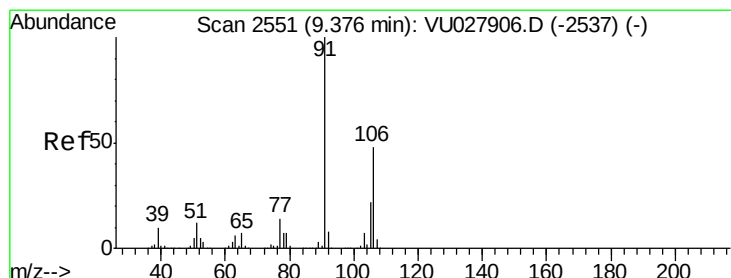
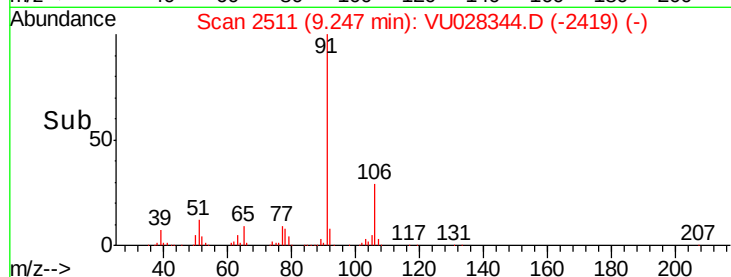
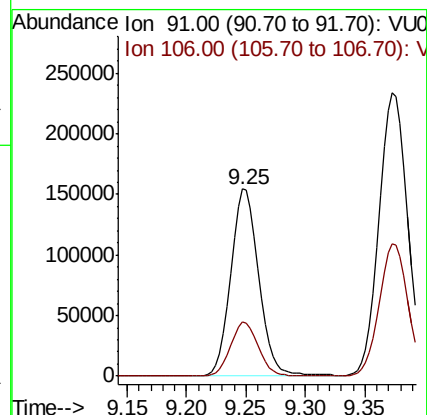
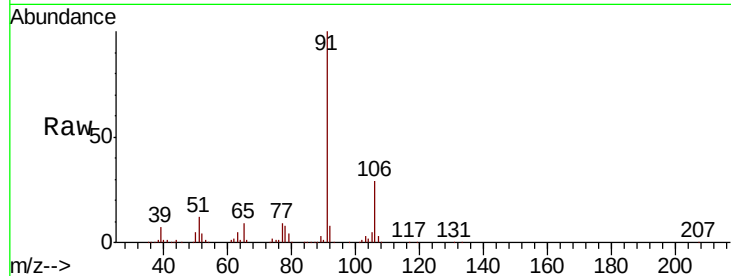




#67
Ethyl Benzene
Concen: 19.826 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

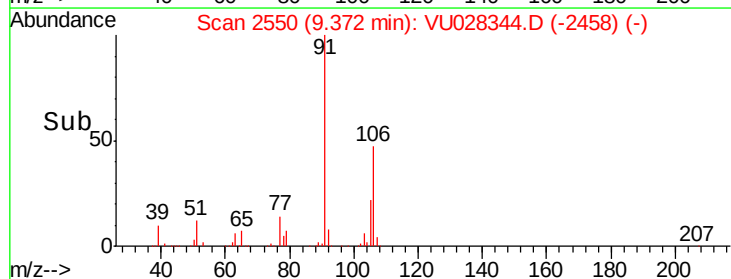
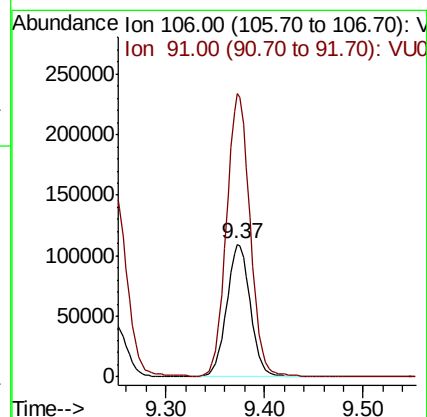
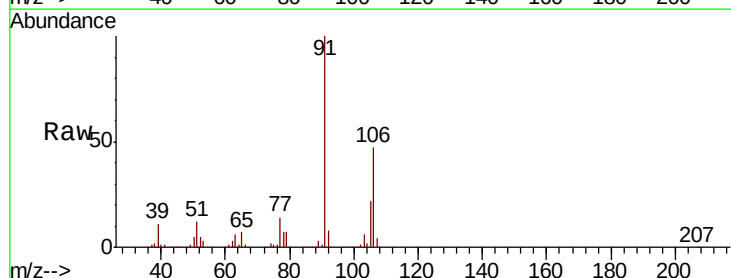
Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

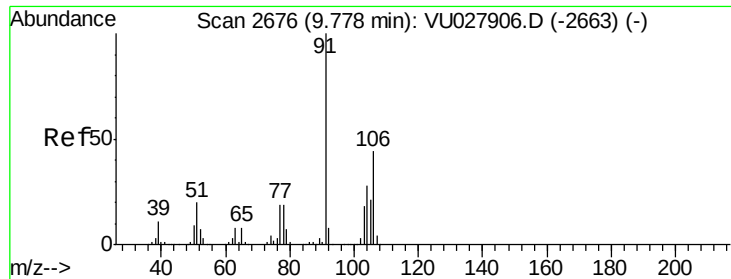
Tot Ion: 91 Resp: 253229
Ion Ratio Lower Upper
91 100
106 28.8 23.6 35.4



#68
m/p-Xylenes
Concen: 39.836 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion: 106 Resp: 184618
Ion Ratio Lower Upper
106 100
91 212.8 168.2 252.4

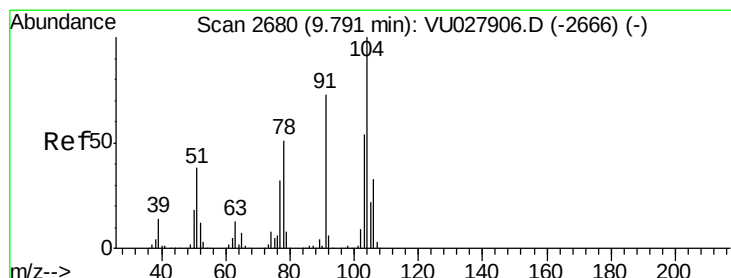
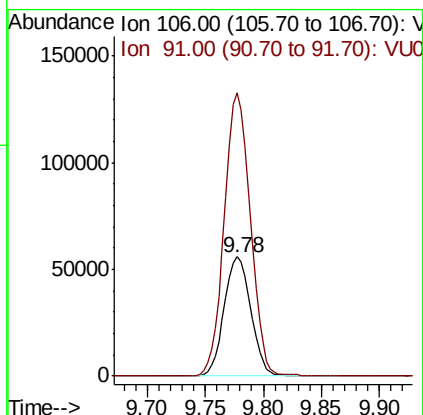
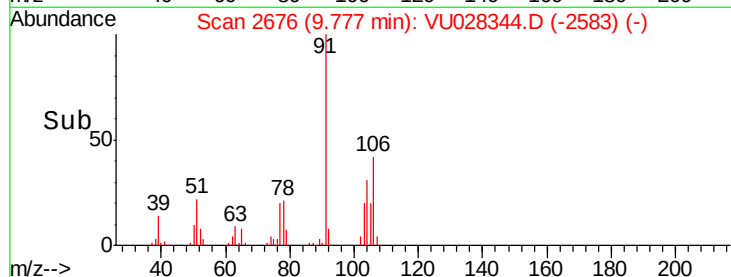
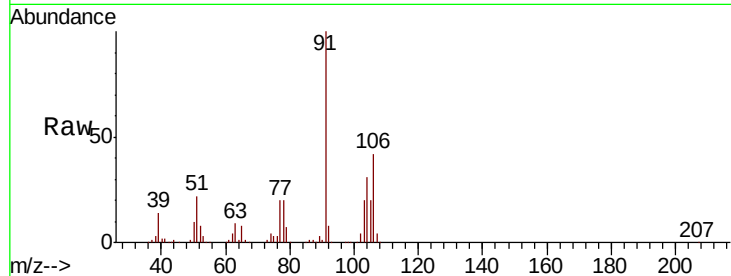




#69
o-Xylene
Concen: 19.062 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

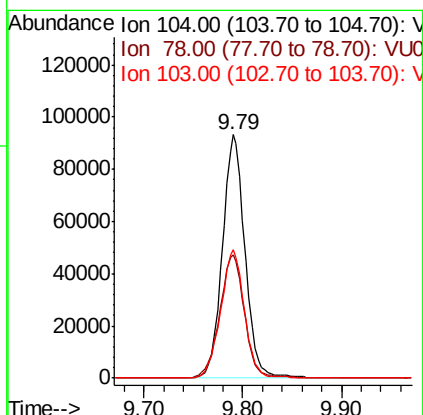
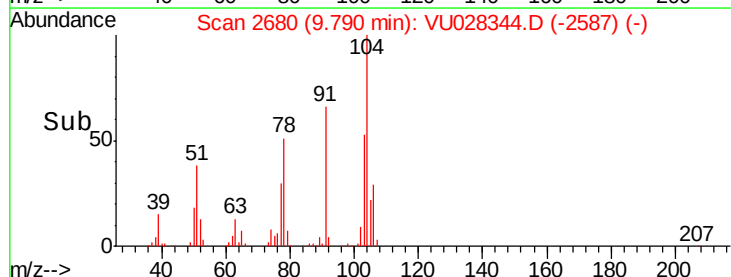
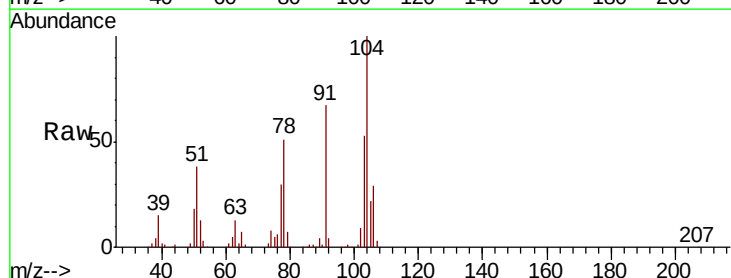
Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

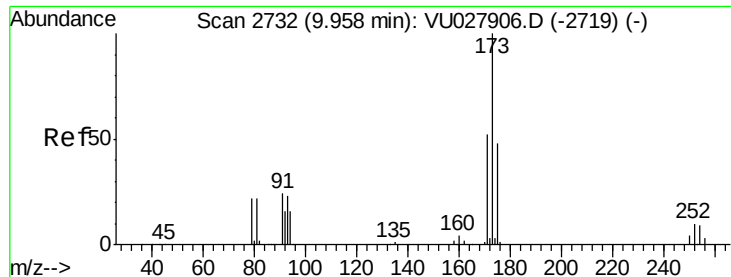
Tot Ion:106 Resp: 89207
Ion Ratio Lower Upper
106 100
91 231.5 111.1 333.4



#70
Styrene
Concen: 20.019 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion:104 Resp: 149689
Ion Ratio Lower Upper
104 100
78 54.8 43.0 64.4
103 55.5 45.1 67.7





#71

Bromoform

Concen: 20.193 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

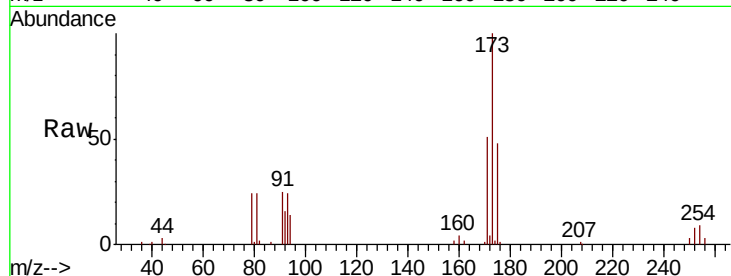
Tot Ion:173 Resp: 40111

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

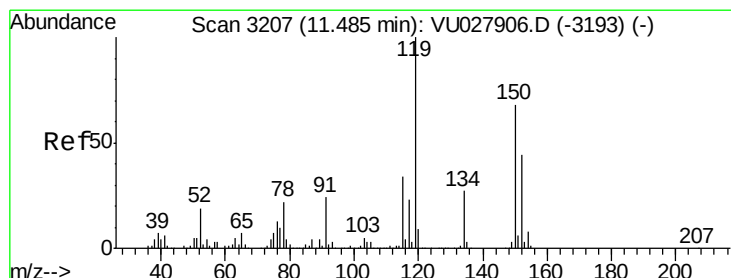
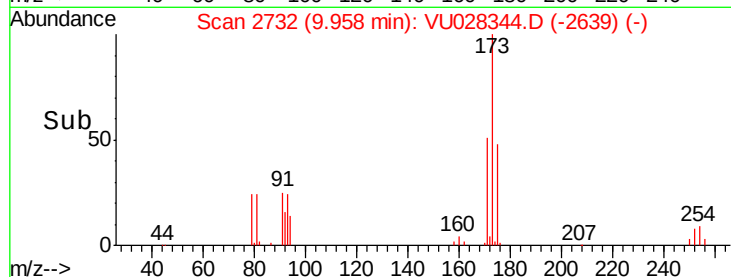
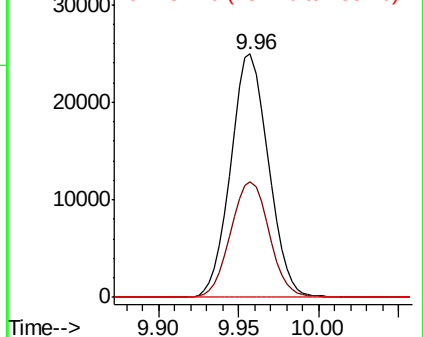
254 0.0 0.0 0.0



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: VU028344.D

Acq: 27 Nov 2018 18:37

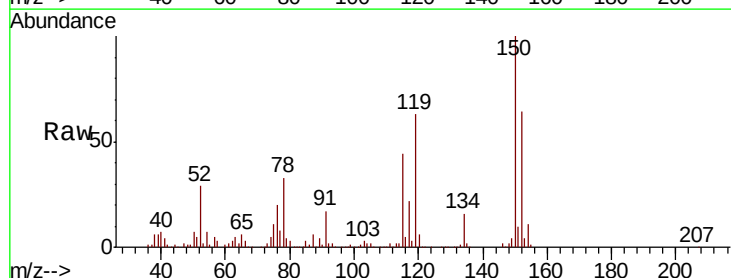
Tgt Ion:152 Resp: 153246

Ion Ratio Lower Upper

152 100

115 71.2 43.0 129.0

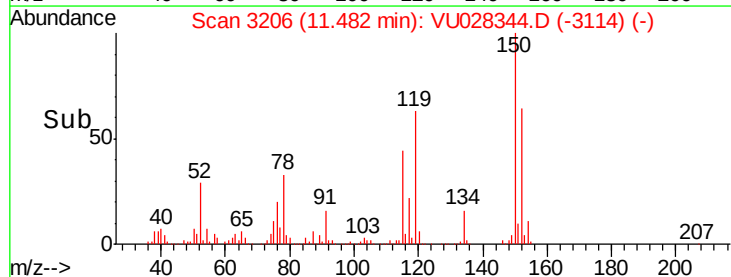
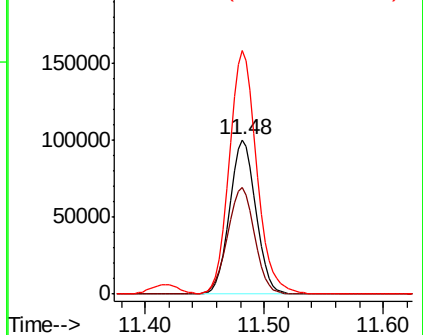
150 164.3 0.0 349.4

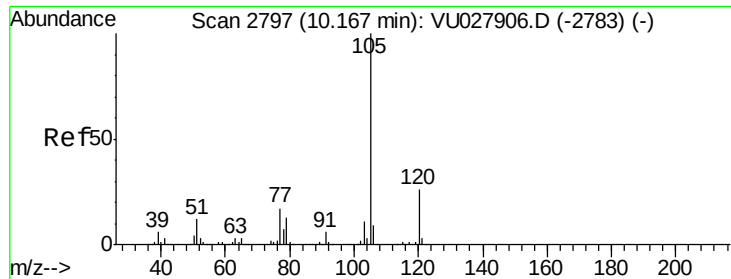


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.658 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

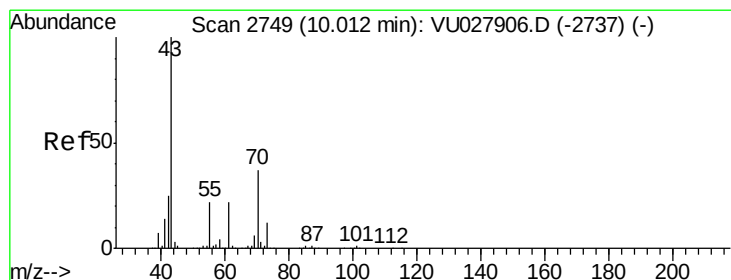
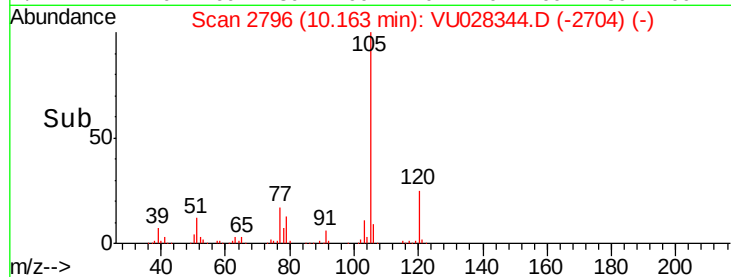
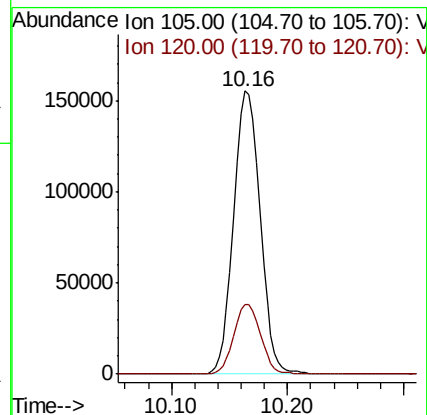
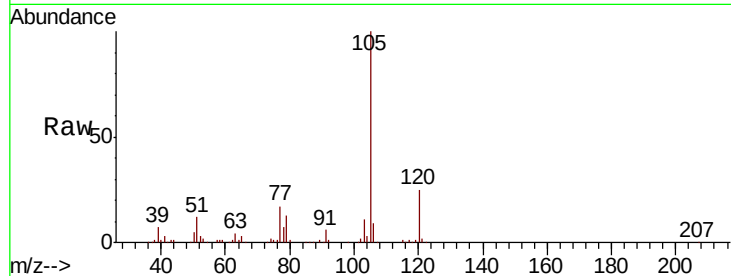
VU1127WBS01

Tot Ion:105 Resp: 245245

Ion Ratio Lower Upper

105 100

120 24.9 12.7 38.0



#74

N-ethyl acetate

Concen: 20.417 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Tgt Ion: 43 Resp: 146568

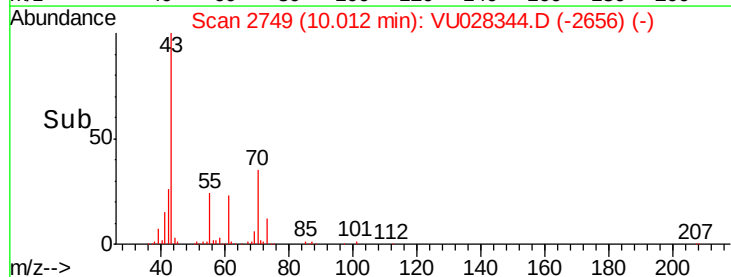
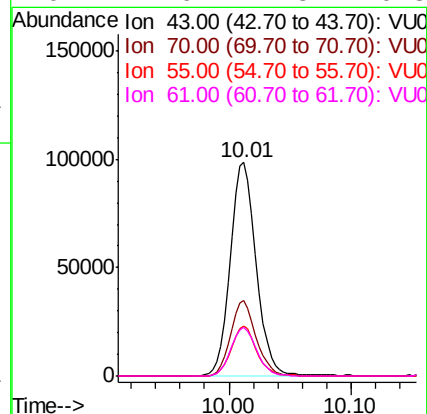
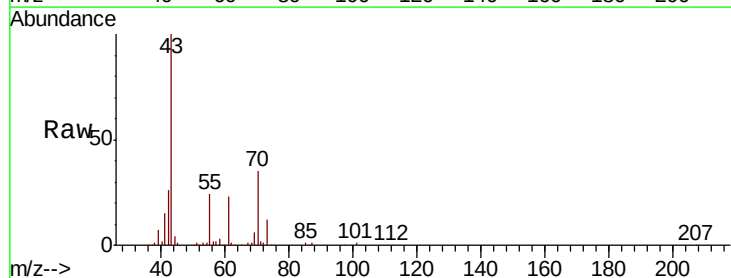
Ion Ratio Lower Upper

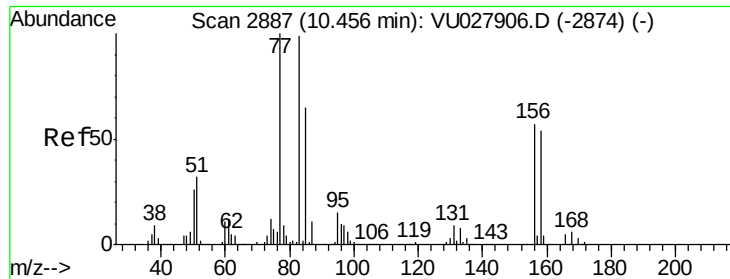
43 100

70 35.1 29.2 43.8

55 23.0 17.8 26.6

61 22.6 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.272 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

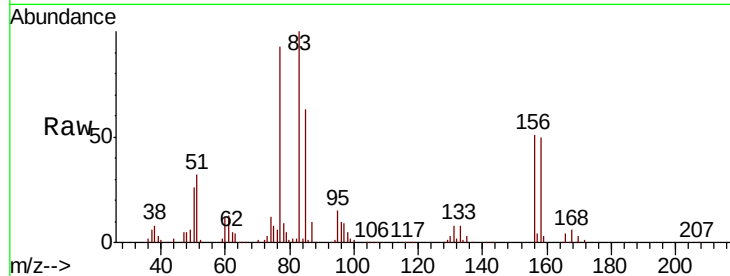
Tot Ion: 83 Resp: 101868

Ion Ratio Lower Upper

83 100

131 8.0 4.3 13.1

85 63.5 32.4 97.2

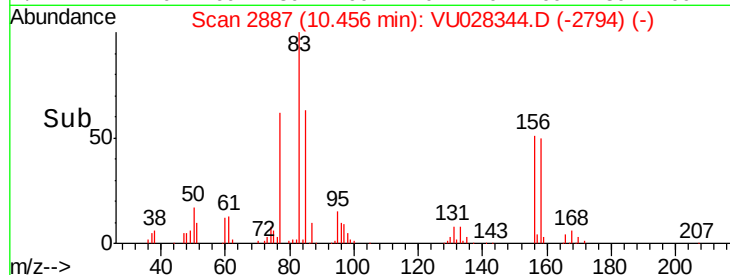


Abundance Ion 82.90 (82.60 to 83.60): VU027906.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027906.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027906.D (-2874) (-)

Time-->

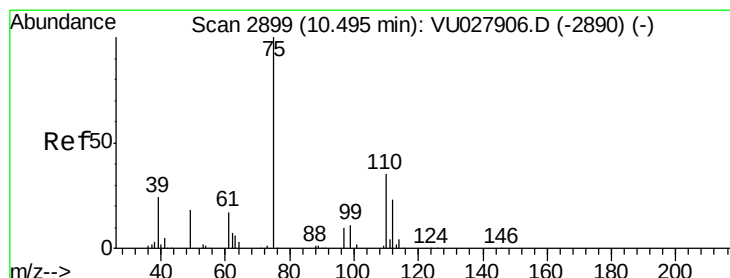


Abundance Ion 82.90 (82.60 to 83.60): VU028344.D (-2794) (-)

Ion 130.80 (130.50 to 131.50): VU028344.D (-2794) (-)

Ion 84.90 (84.60 to 85.60): VU028344.D (-2794) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.627 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU028344.D

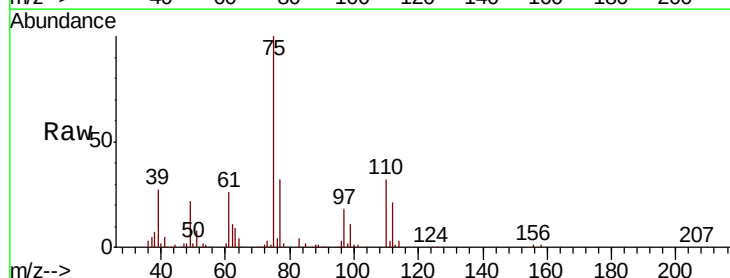
Acq: 27 Nov 2018 18:37

Tgt Ion: 75 Resp: 119996

Ion Ratio Lower Upper

75 100

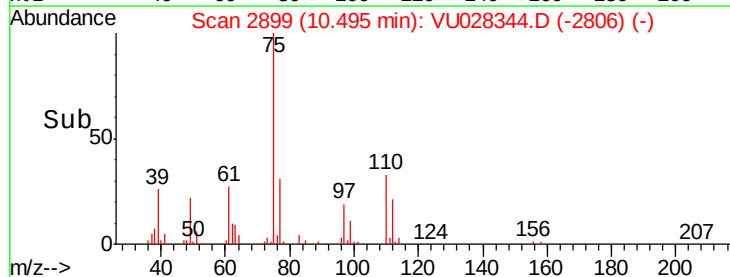
77 30.0 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027906.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027906.D (-2890) (-)

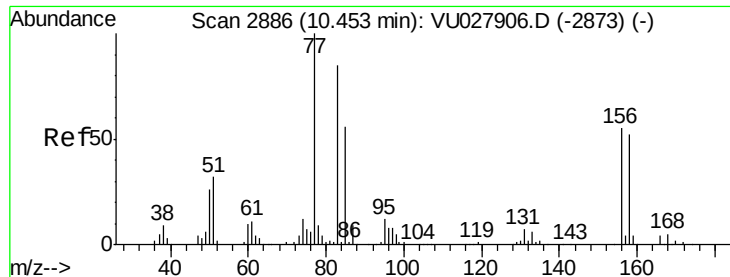
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU028344.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU028344.D (-2806) (-)

Time-->



#77

Bromobenzene

Concen: 20.424 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

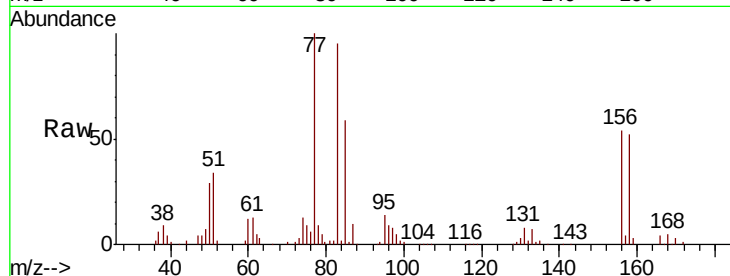
Tot Ion:156 Resp: 55599

Ion Ratio Lower Upper

156 100

77 190.7 91.8 275.6

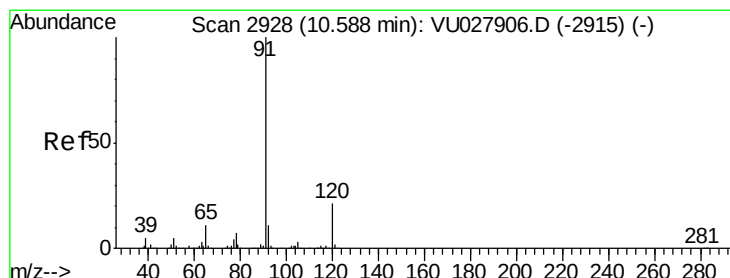
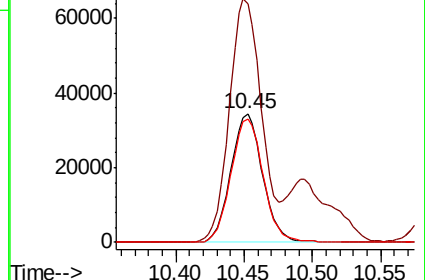
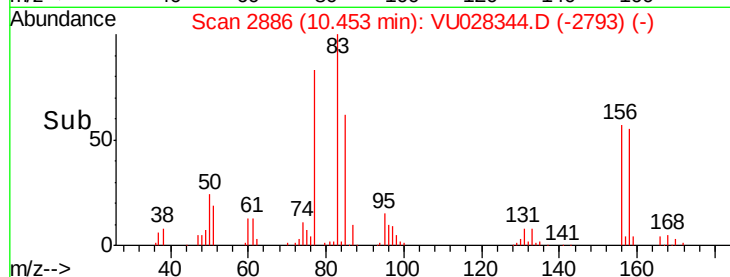
158 97.6 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.973 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028344.D

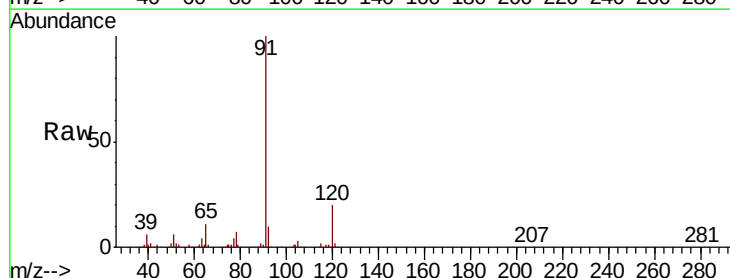
Acq: 27 Nov 2018 18:37

Tgt Ion: 91 Resp: 298038

Ion Ratio Lower Upper

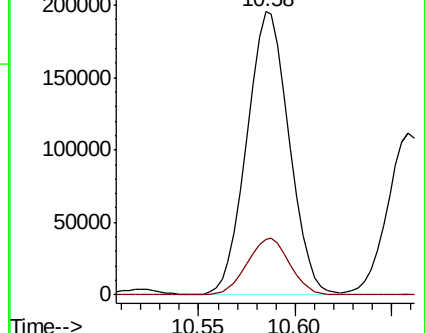
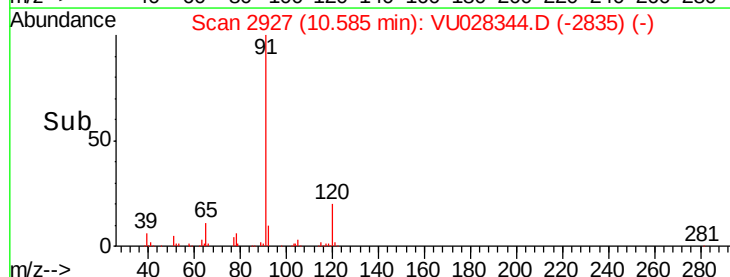
91 100

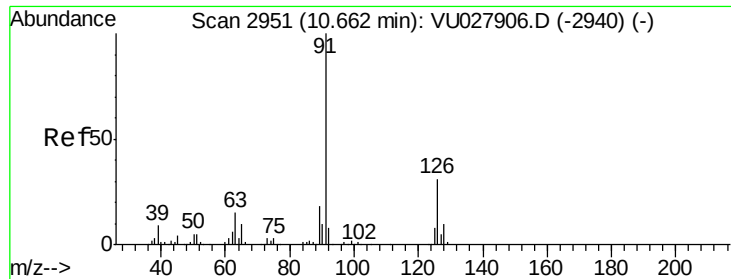
120 20.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

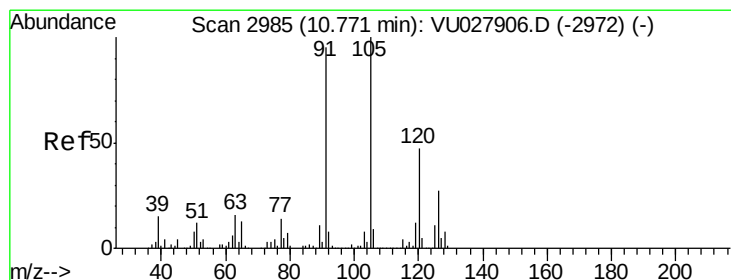
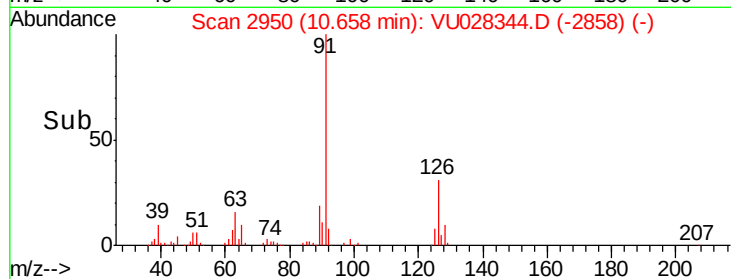
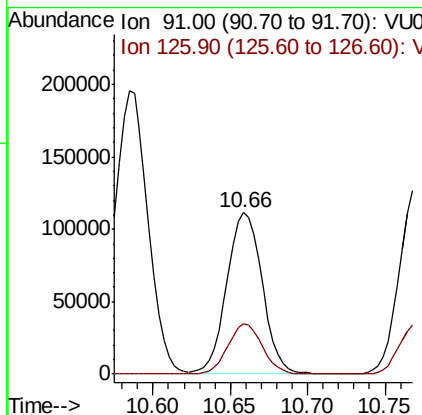
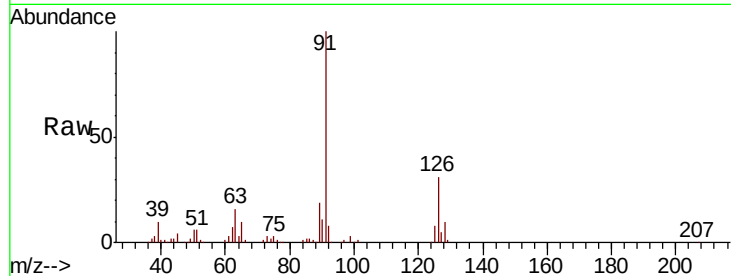




#79
 2-Chlorotoluene
 Concen: 20.888 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

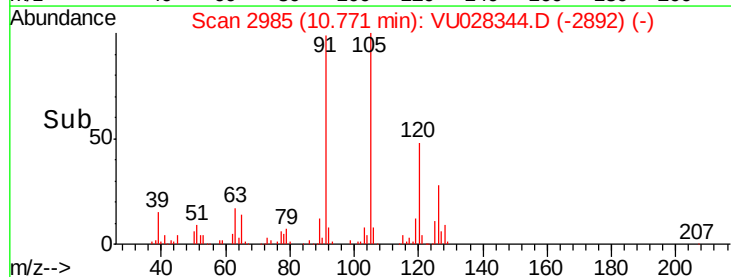
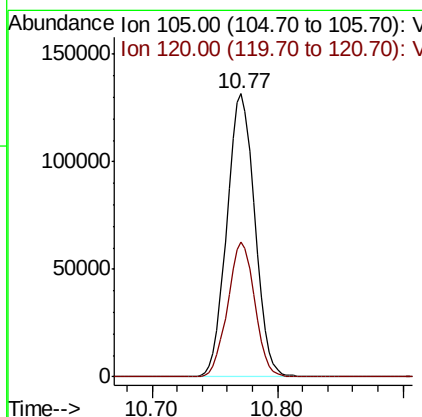
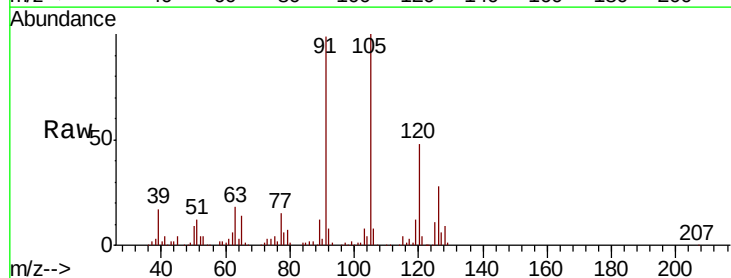
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

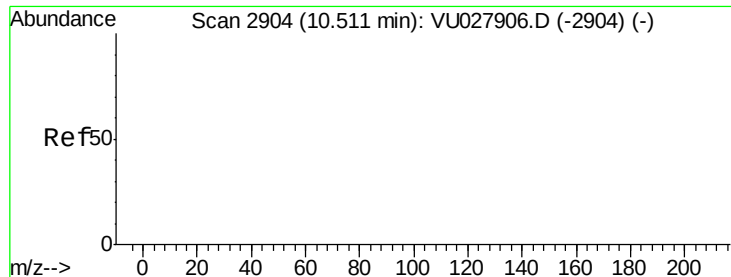
Tot Ion: 91 Resp: 177921
 Ion Ratio Lower Upper
 91 100
 126 30.3 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.658 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion: 105 Resp: 203160
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 71.362 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

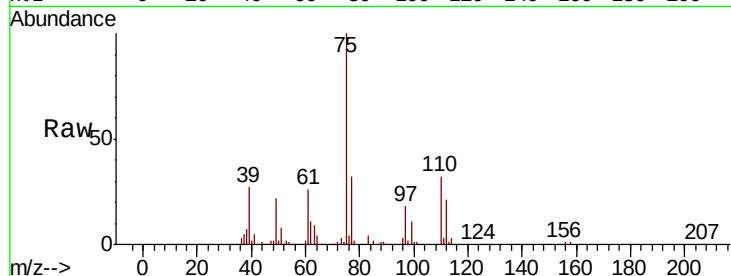
Tot Ion: 75 Resp: 119996

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

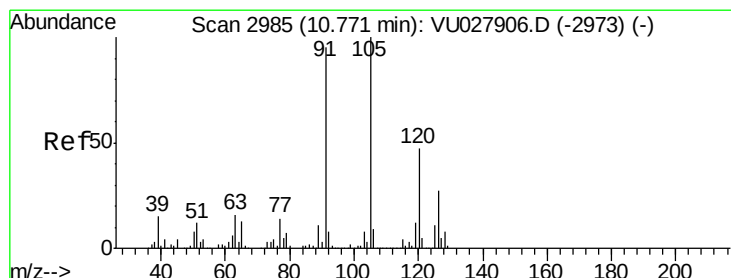
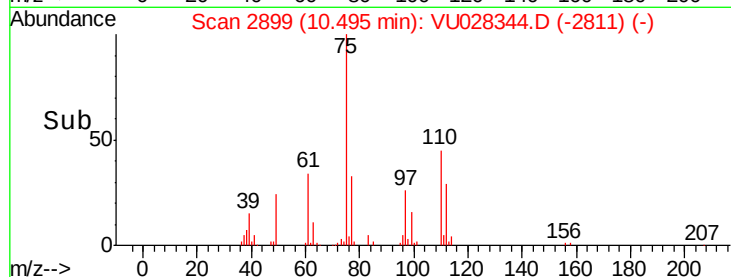
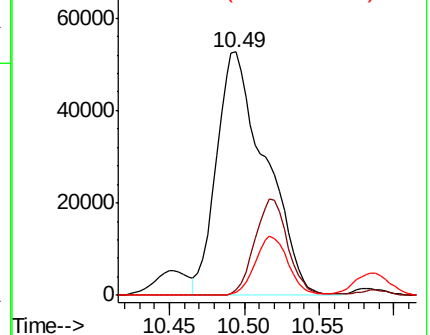
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 20.535 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028344.D

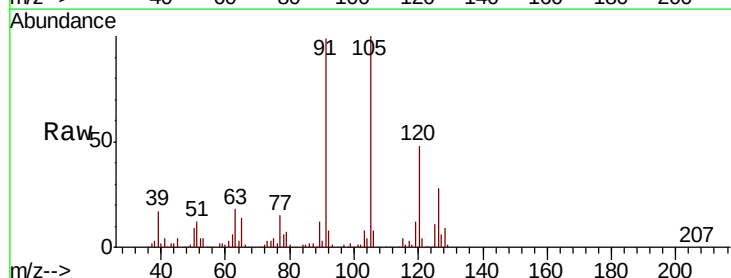
Acq: 27 Nov 2018 18:37

Tgt Ion: 91 Resp: 198573

Ion Ratio Lower Upper

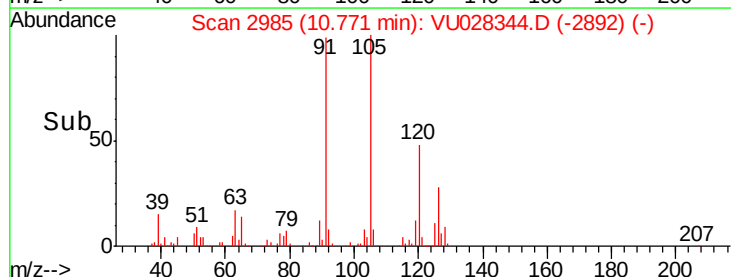
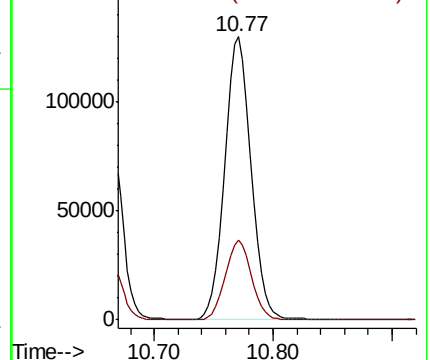
91 100

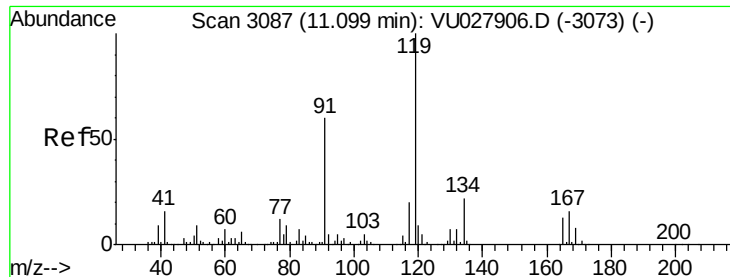
126 28.1 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

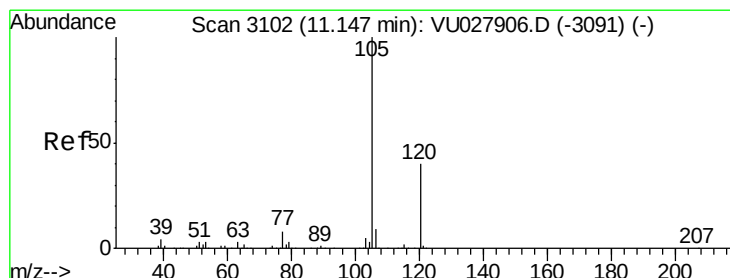
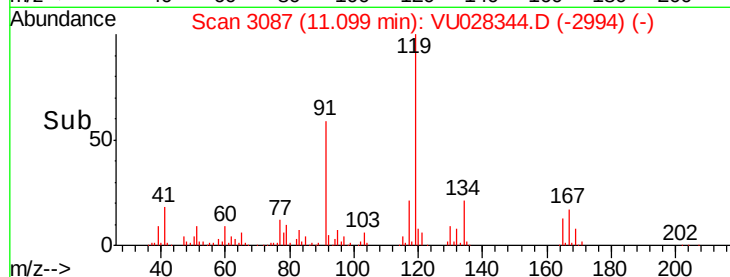
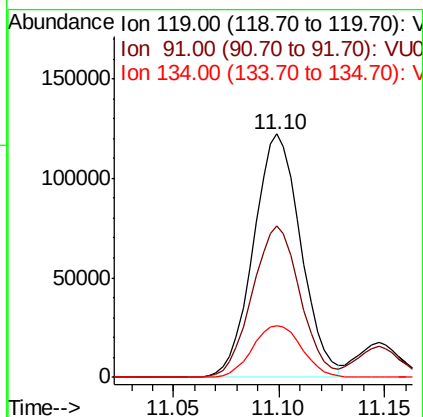
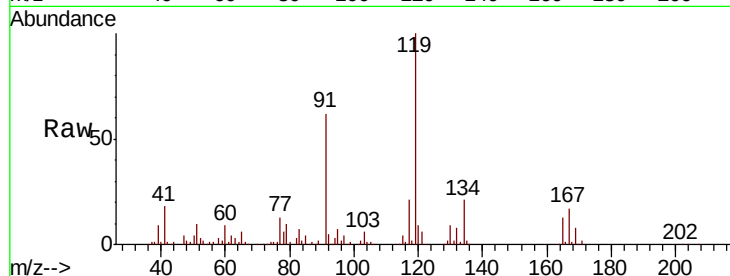




#83
 tert-Butylbenzene
 Concen: 19.402 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

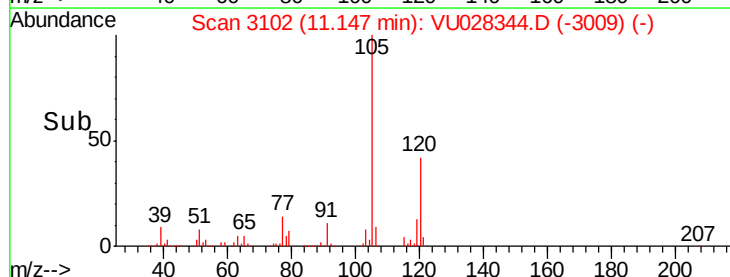
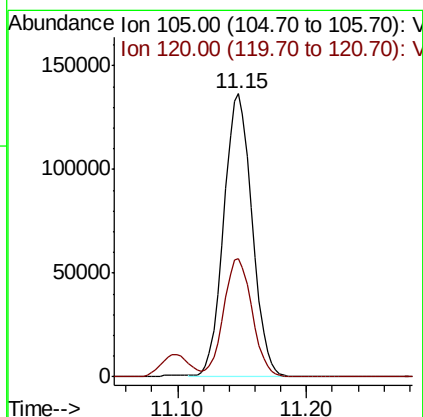
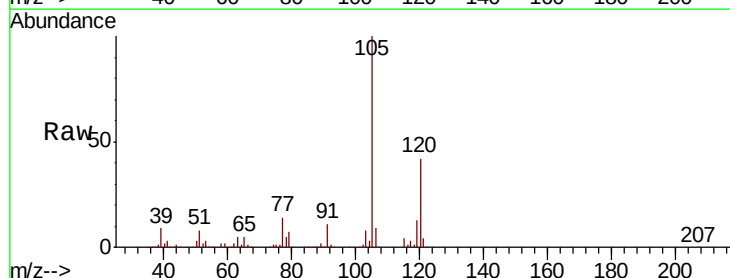
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

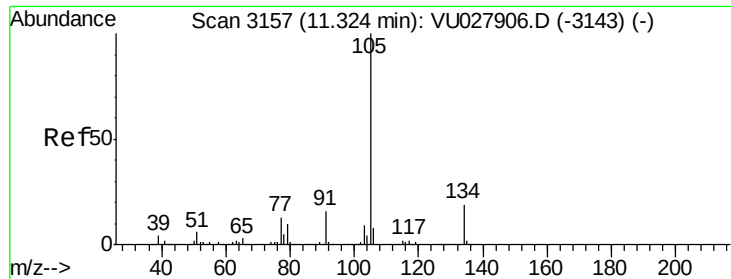
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	29.8	89.3
134	22.2	11.1	33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.026 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.8	22.1	66.1

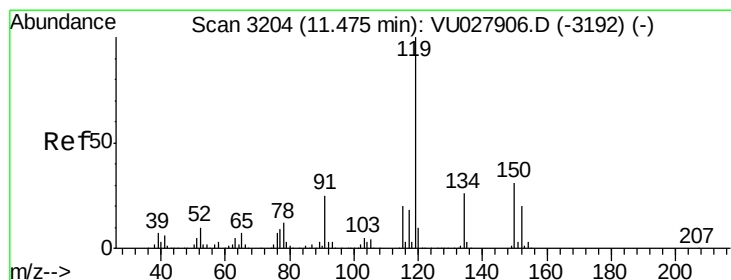
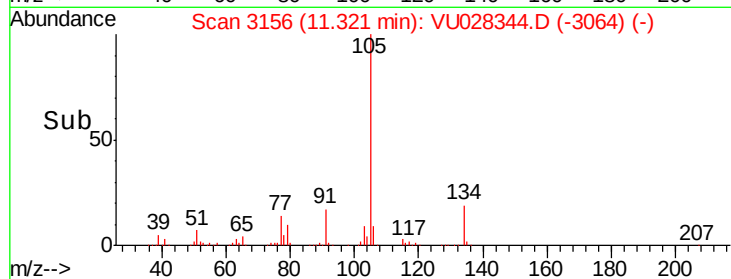
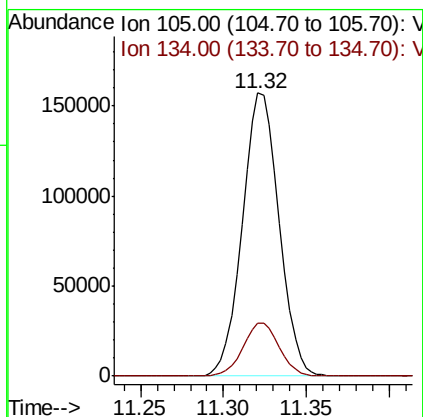
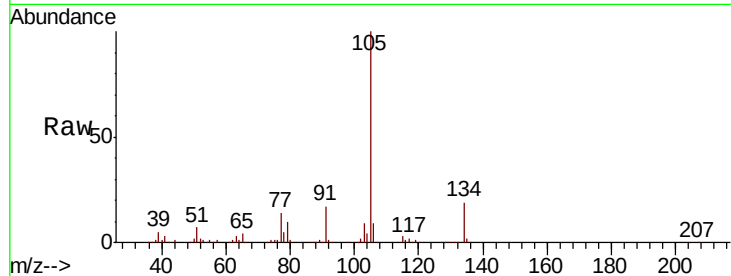




#85
 sec-Butylbenzene
 Concen: 20.182 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

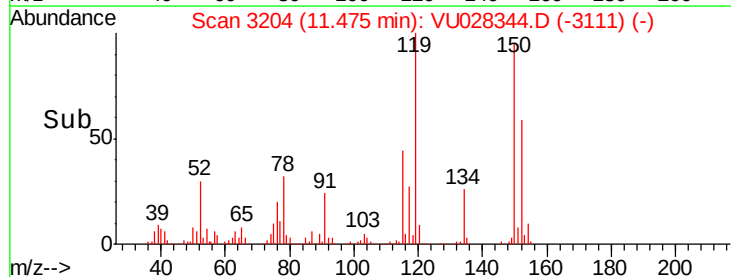
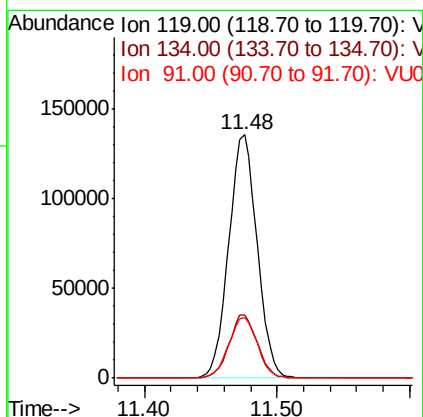
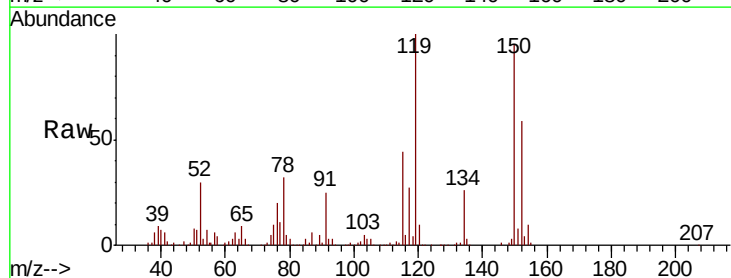
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

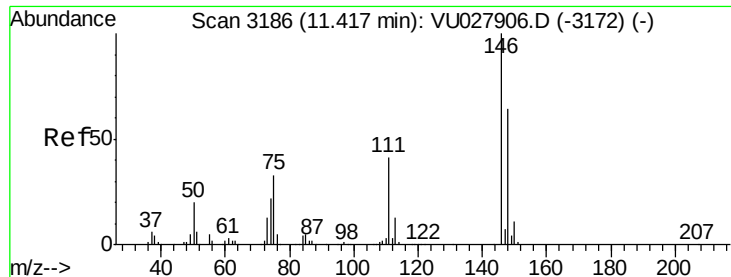
Tot Ion:105 Resp: 241312
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 20.139 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion:119 Resp: 201300
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 25.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.093 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

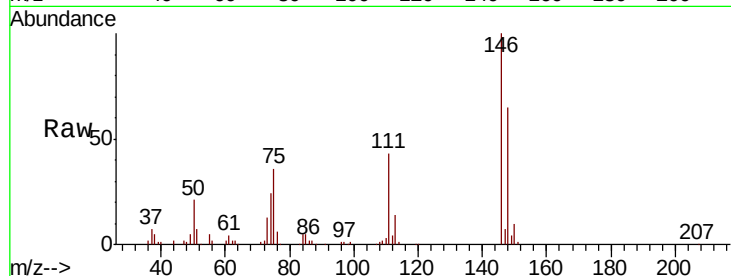
Tot Ion:146 Resp: 101043

Ion Ratio Lower Upper

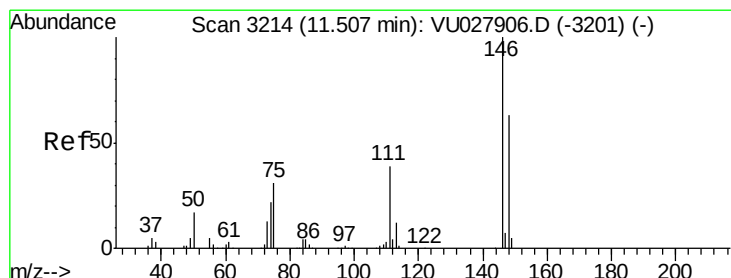
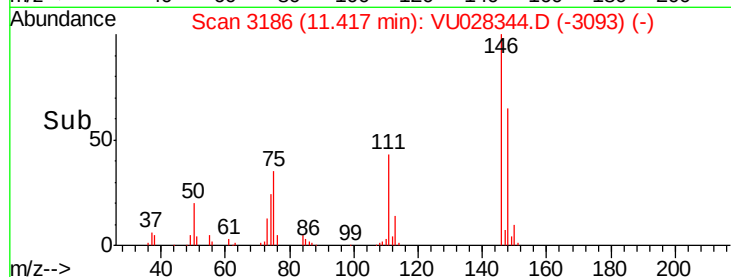
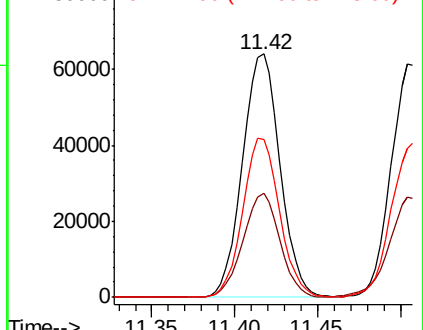
146 100

111 41.9 20.3 61.0

148 63.8 31.8 95.4



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: 18.962 ug/l

RT: 11.50 min Scan# 3213

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

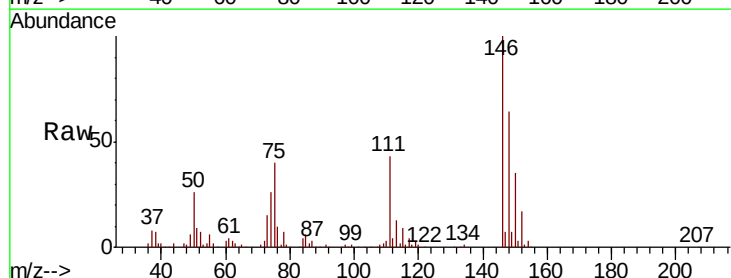
Tgt Ion:146 Resp: 97736

Ion Ratio Lower Upper

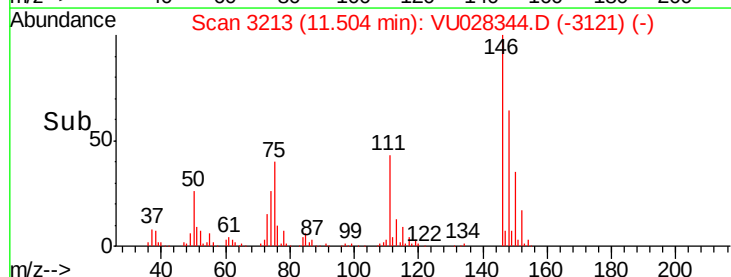
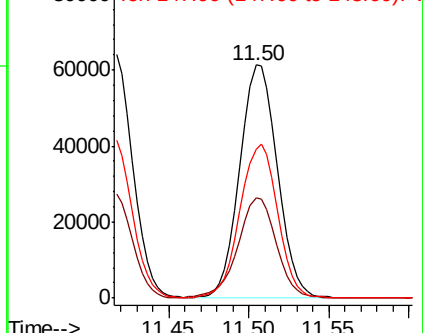
146 100

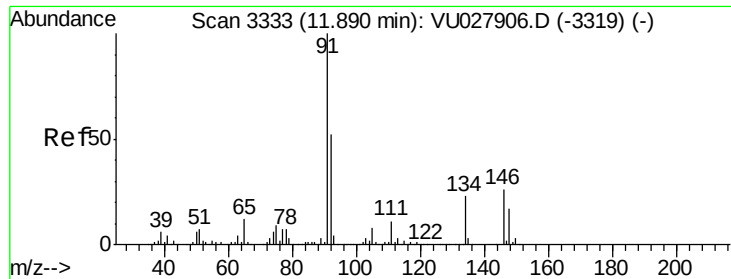
111 44.3 20.3 60.9

148 66.8 32.0 96.2



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

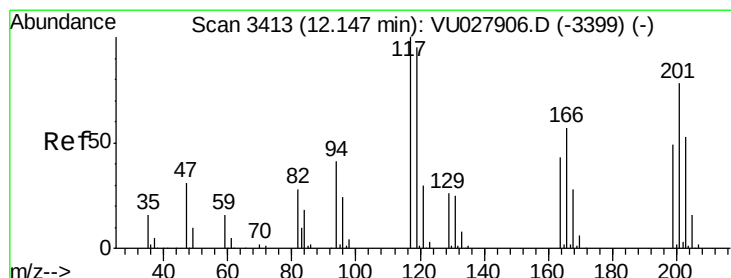
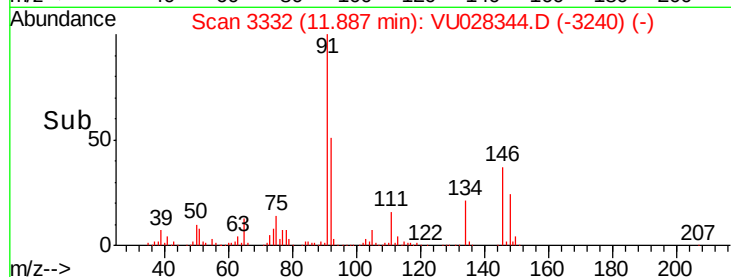
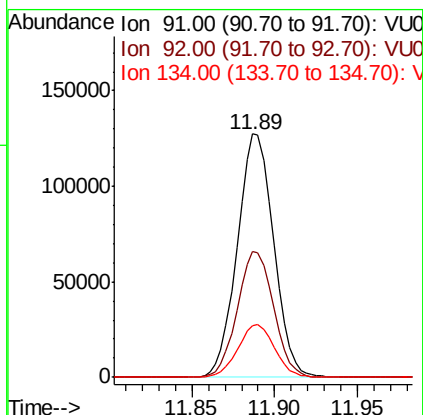
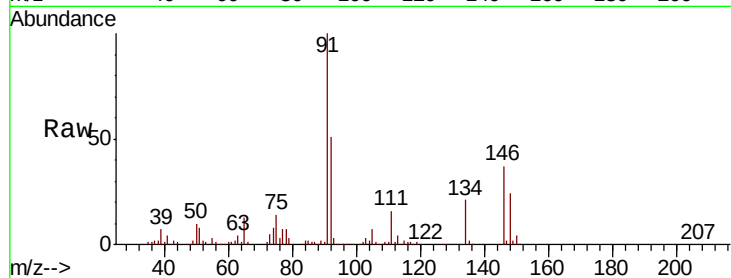




#89
n-Butylbenzene
Concen: 20.443 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

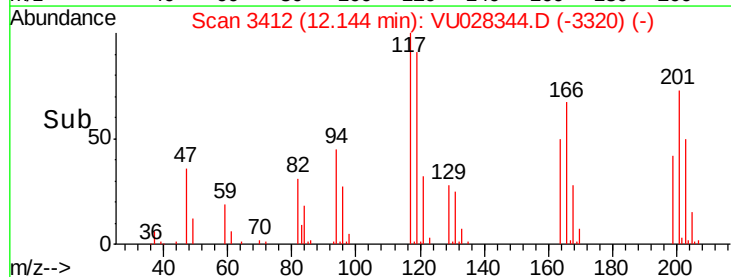
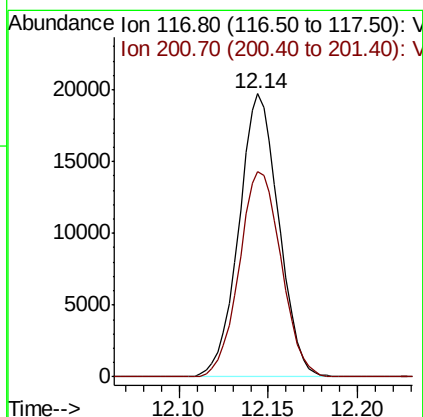
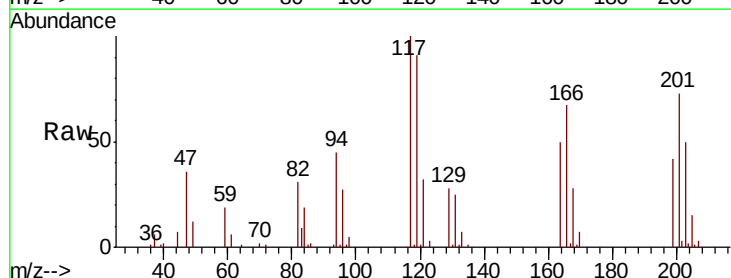
Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

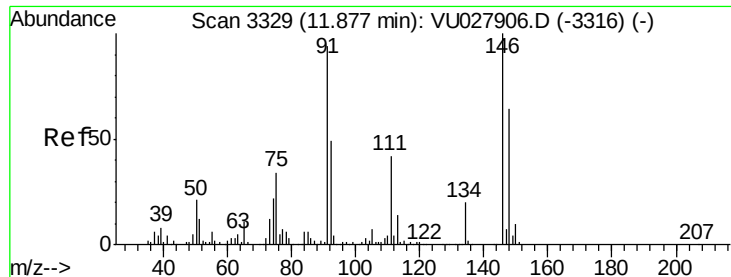
Tot Ion: 91 Resp: 194203
Ion Ratio Lower Upper
91 100
92 51.4 26.2 78.5
134 21.9 11.5 34.5



#90
Hexachloroethane
Concen: 17.309 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion: 117 Resp: 30803
Ion Ratio Lower Upper
117 100
201 76.3 38.5 115.5

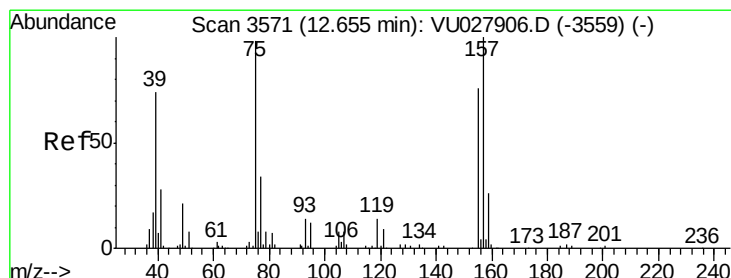
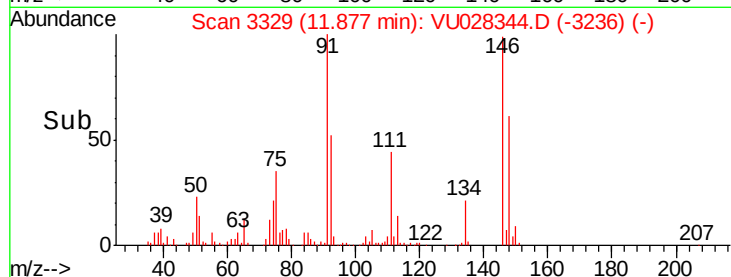
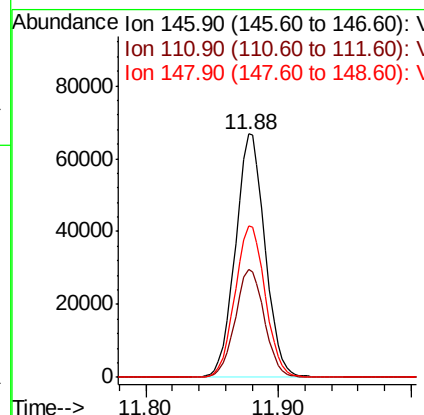
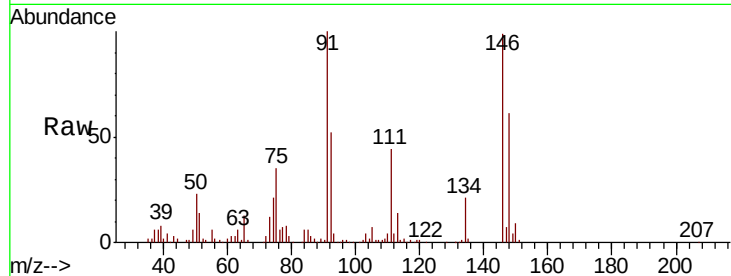




#91
 1,2-Dichlorobenzene
 Concen: 20.451 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

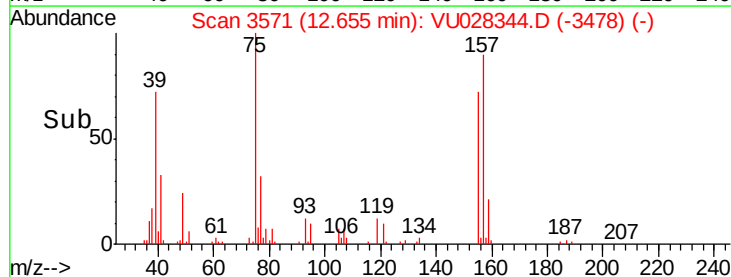
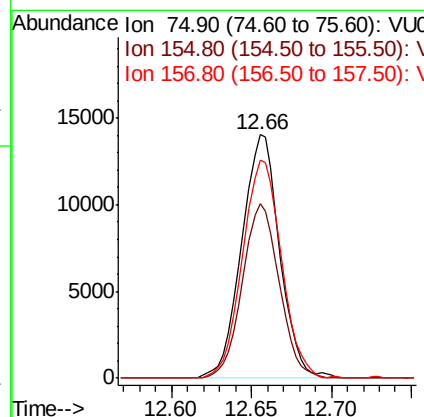
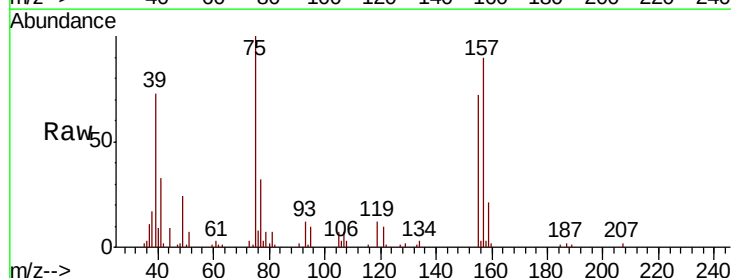
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS01

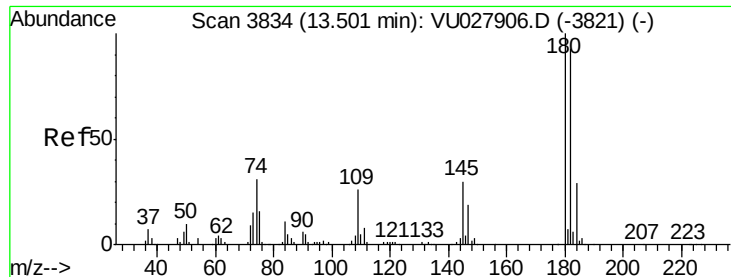
Tot Ion:146 Resp: 103420
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.3 64.0
 148 63.6 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.539 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU028344.D
 Acq: 27 Nov 2018 18:37

Tgt Ion: 75 Resp: 22743
 Ion Ratio Lower Upper
 75 100
 155 69.2 39.8 119.3
 157 91.7 50.6 151.9





#93

1,2,4-Trichlorobenzene

Concen: 18.088 ug/l

RT: 13.50 min Scan# 3834

Delta R.T. 0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS01

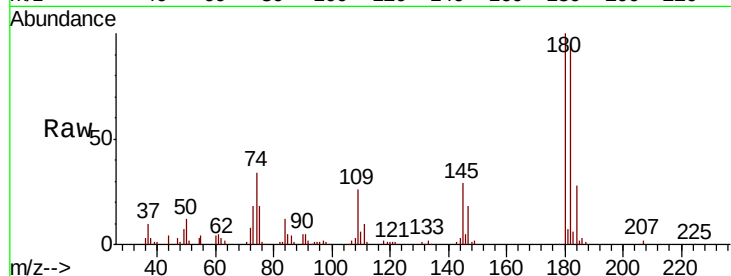
Tot Ion:180 Resp: 62579

Ion Ratio Lower Upper

180 100

182 96.8 48.4 145.2

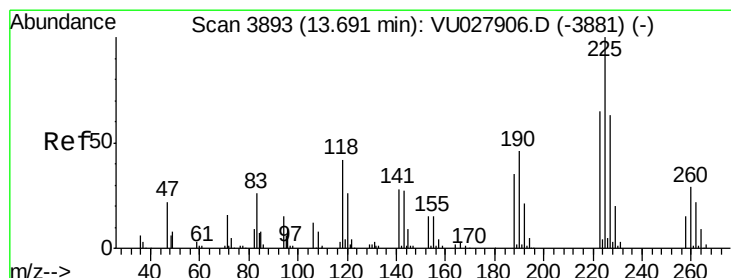
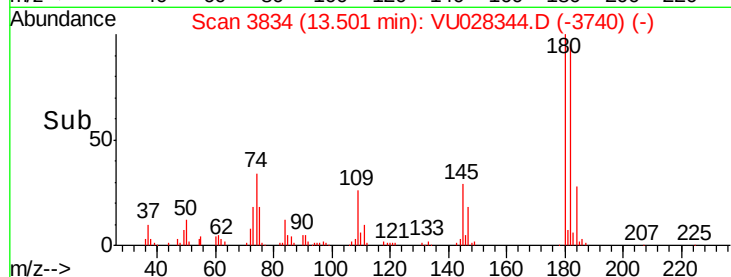
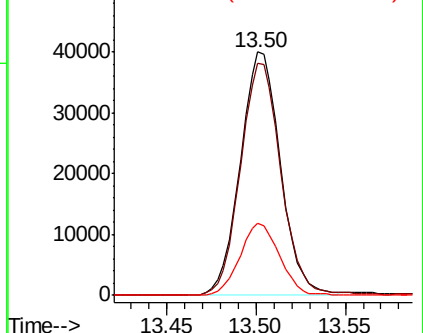
145 29.2 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.377 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU028344.D

Acq: 27 Nov 2018 18:37

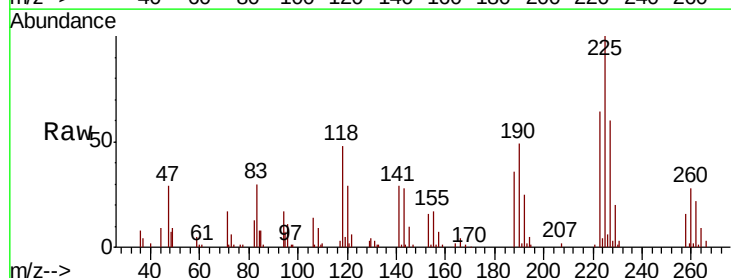
Tgt Ion:225 Resp: 31144

Ion Ratio Lower Upper

225 100

223 62.6 32.2 96.6

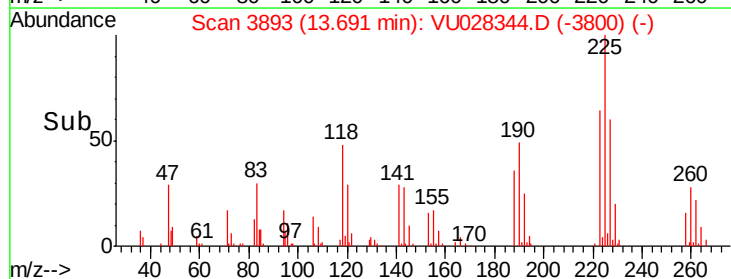
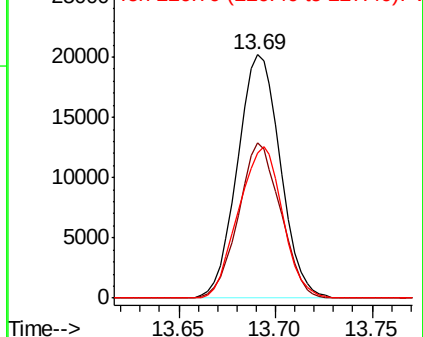
227 64.1 32.5 97.4

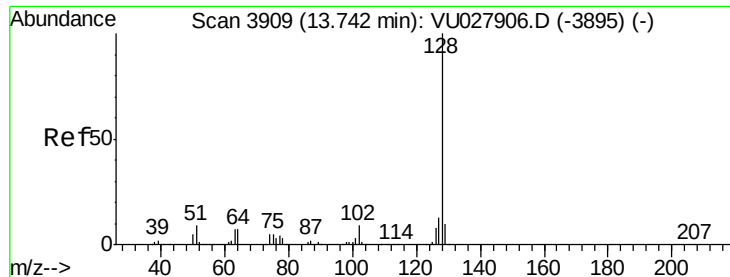


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

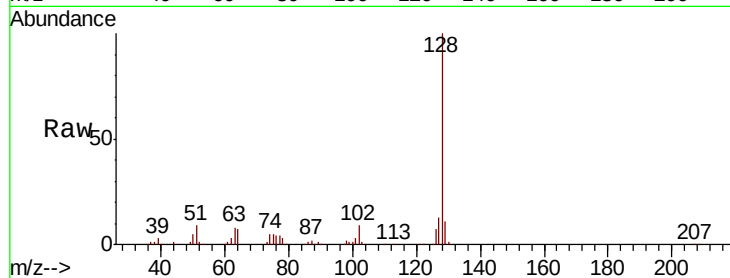




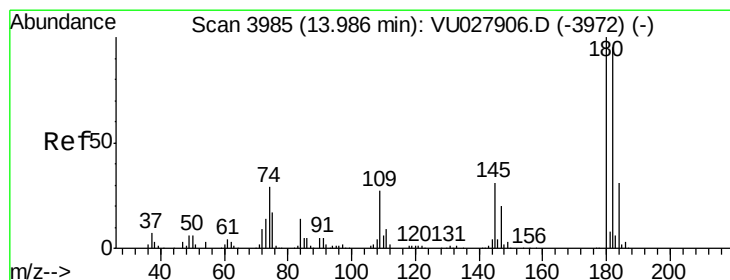
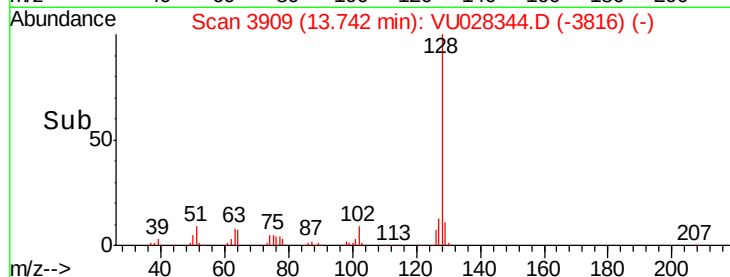
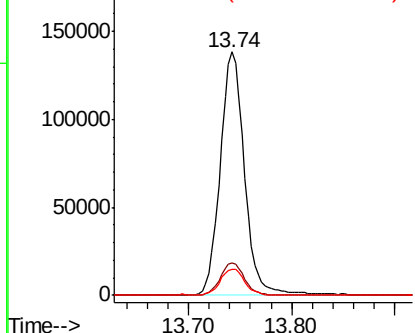
#95
Naphthalene
Concen: 17.960 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS01

Tot Ion:128 Resp: 227228
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.8 8.3 12.5

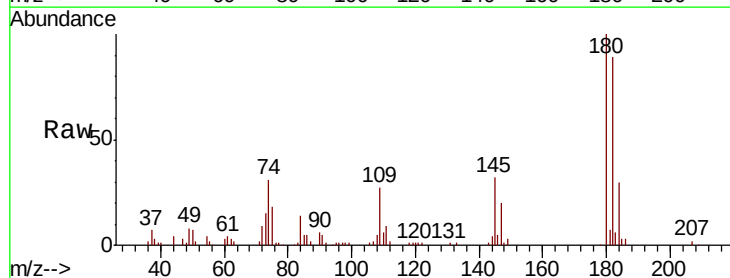


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.116 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028344.D
Acq: 27 Nov 2018 18:37

Tgt Ion:180 Resp: 68261
Ion Ratio Lower Upper
180 100
182 91.2 47.4 142.3
145 31.3 16.0 47.9



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

