

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027141.D
 Acq On : 25 Sep 2018 21:26
 Operator : MD/SY
 Sample : VU0926WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

Quant Time: Sep 26 05:56:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	76703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	133061	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	130582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68623	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	83603	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	
35) Dibromofluoromethane	4.88	113	58132	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	7.57	98	219960	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	10.31	95	76986	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	17205	17.180	ug/l	97
3) Chloromethane	1.33	50	30728	17.797	ug/l	98
4) Vinyl Chloride	1.40	62	29013	18.001	ug/l	99
5) Bromomethane	1.62	94	15118	16.472	ug/l	98
6) Chloroethane	1.70	64	19623	19.055	ug/l	98
7) Trichlorofluoromethane	1.89	101	32961	18.006	ug/l	98
8) Diethyl Ether	2.11	74	16522	18.752	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	20251	17.992	ug/l	98
10) Methyl Iodide	2.41	142	13262	9.500	ug/l	98
11) Tert butyl alcohol	2.83	59	38428	108.601	ug/l	100
12) 1,1-Dichloroethene	2.28	96	19431	18.342	ug/l	95
13) Acrolein	2.20	56	13779	72.238	ug/l	98
14) Allyl chloride	2.59	41	44879	20.887	ug/l	97
15) Acrylonitrile	2.94	53	95970	107.611	ug/l	98
16) Acetone	2.32	43	89282	98.845	ug/l	100
17) Carbon Disulfide	2.48	76	58511	16.954	ug/l	99
18) Methyl Acetate	2.62	43	51909	23.624	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	81733	20.995	ug/l	100
20) Methylene Chloride	2.70	84	26223	18.967	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	20943	18.516	ug/l	96
22) Diisopropyl ether	3.58	45	103427	22.505	ug/l	98
23) Vinyl Acetate	3.53	43	423650	108.140	ug/l	98
24) 1,1-Dichloroethane	3.45	63	51906	20.506	ug/l	99
25) 2-Butanone	4.27	43	139090	107.209	ug/l	96
26) 2,2-Dichloropropane	4.23	77	35770	18.120	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	25323	19.825	ug/l	98
28) Bromochloromethane	4.55	49	28651	23.481	ug/l	93
29) Tetrahydrofuran	4.64	42	89214	113.674	ug/l	96
30) Chloroform	4.67	83	47687	20.296	ug/l	99
31) Cyclohexane	5.00	56	44991	19.199	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	38150	20.336	ug/l	99
36) 1,1-Dichloropropene	5.14	75	33210	18.701	ug/l	98
37) Ethyl Acetate	4.39	43	50519	21.014	ug/l	98
38) Carbon Tetrachloride	5.14	117	31972	18.919	ug/l	99

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Quant Time: Sep 26 05:56:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	35282	18.282	ug/l	95
40) Benzene	5.39	78	102310	18.951	ug/l	99
41) Methacrylonitrile	4.54	41	27132	21.731	ug/l	96
42) 1,2-Dichloroethane	5.41	62	40715	19.962	ug/l	100
43) Isopropyl Acetate	5.55	43	75334	21.487	ug/l	97
44) Trichloroethene	6.19	130	21790	18.959	ug/l	98
45) 1,2-Dichloropropane	6.44	63	31018	20.165	ug/l	96
46) Dibromomethane	6.56	93	17784	19.143	ug/l	98
47) Bromodichloromethane	6.76	83	35921	19.122	ug/l	98
48) Methyl methacrylate	6.63	41	36692	19.851	ug/l	96
49) 1,4-Dioxane	6.61	88	14760	388.421	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	262997	111.534	ug/l	97
52) Toluene	7.64	92	60566	19.572	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	40031	19.834	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	43226	19.478	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	25981	19.815	ug/l	98
56) Ethyl methacrylate	8.02	69	39626	18.847	ug/l	96
57) 1,3-Dichloropropane	8.24	76	49253	20.196	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	119431	95.563	ug/l	98
59) 2-Hexanone	8.36	43	196546	106.484	ug/l	97
60) Dibromochloromethane	8.48	129	25057	19.482	ug/l	98
61) 1,2-Dibromoethane	8.59	107	25892	18.979	ug/l	97
64) Tetrachloroethene	8.23	164	18512	18.397	ug/l	98
65) Chlorobenzene	9.12	112	63392	18.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	22746	19.073	ug/l	99
67) Ethyl Benzene	9.25	91	107427	18.868	ug/l	99
68) m/p-Xylenes	9.38	106	79733	35.561	ug/l	96
69) o-Xylene	9.78	106	38717	19.193	ug/l	97
70) Styrene	9.79	104	63606	18.085	ug/l	99
71) Bromoform	9.96	173	18010	19.529	ug/l #	98
73) Isopropylbenzene	10.17	105	104859	20.088	ug/l	100
74) N-amyl acetate	10.02	43	62305	20.620	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	45844	19.101	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	53157	25.498	ug/l	81
77) Bromobenzene	10.45	156	24348	19.087	ug/l	94
78) n-propylbenzene	10.59	91	124705	20.190	ug/l	98
79) 2-Chlorotoluene	10.66	91	77578	19.996	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	87173	20.230	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	53157	81.598	ug/l #	100
82) 4-Chlorotoluene	10.77	91	87443	20.101	ug/l	99
83) tert-Butylbenzene	11.10	119	82868	19.452	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	88769	20.243	ug/l	100
85) sec-Butylbenzene	11.32	105	105216	20.232	ug/l	97
86) p-Isopropyltoluene	11.48	119	87398	18.506	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	44877	18.905	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	45359	17.532	ug/l	98
89) n-Butylbenzene	11.89	91	76577	17.806	ug/l	99
90) Hexachloroethane	12.15	117	16966	17.941	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	45795	18.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10039	20.504	ug/l	96

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	26433	18.191	ug/l	98
94) Hexachlorobutadiene	13.69	225	14348	18.662	ug/l	99
95) Naphthalene	13.74	128	93807	17.643	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	29141	18.701	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

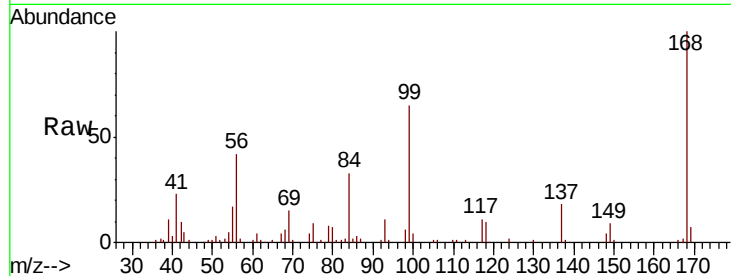
VU0926WBS01

Tot Ion:168 Resp: 76703

Ion Ratio Lower Upper

168 100

99 64.6 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

30000

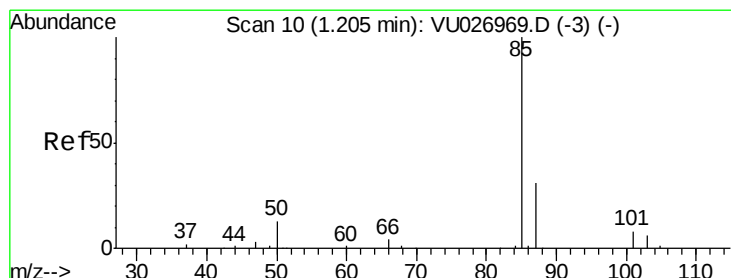
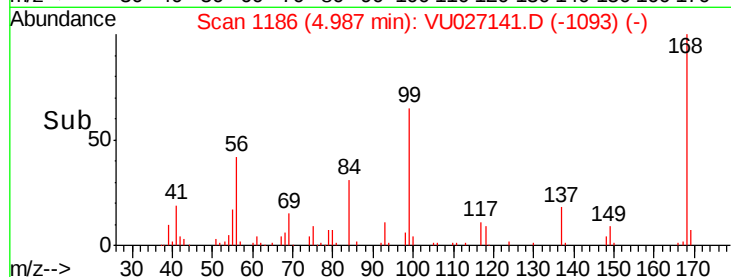
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.180 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027141.D

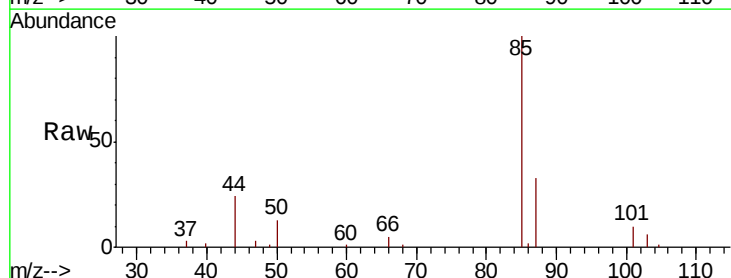
Acq: 25 Sep 2018 21:26

Tgt Ion: 85 Resp: 17205

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.7



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

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

15000

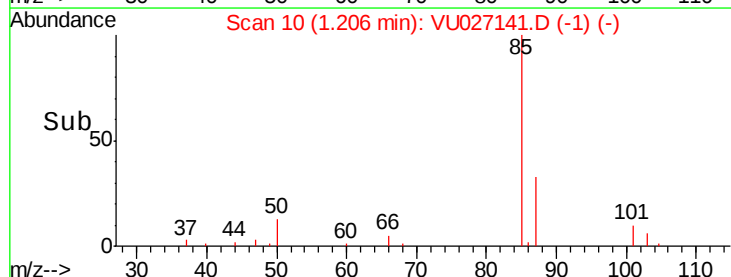
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5000

0

1.20 1.25

Time-->

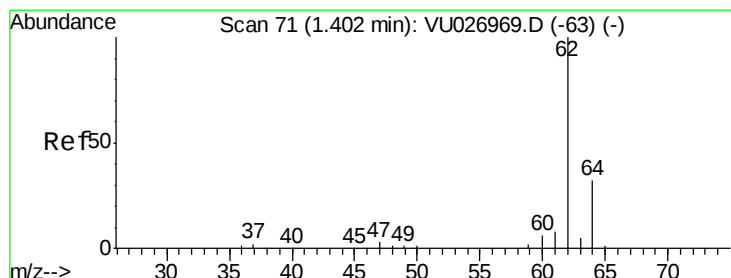
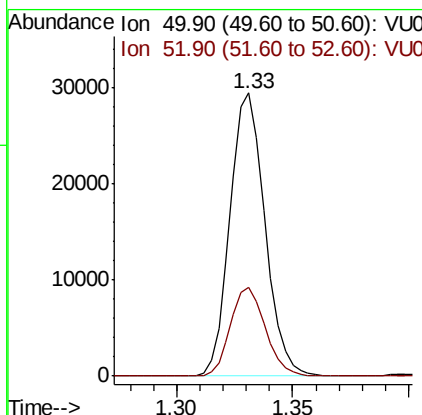
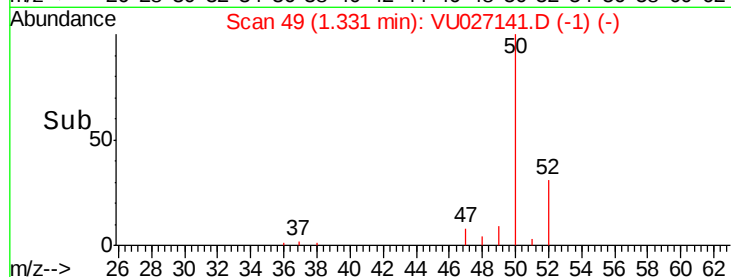
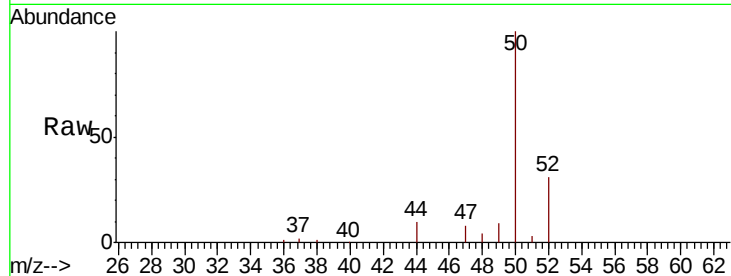




#3
 Chloromethane
 Concen: 17.797 ug/l
 RT: 1.33 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

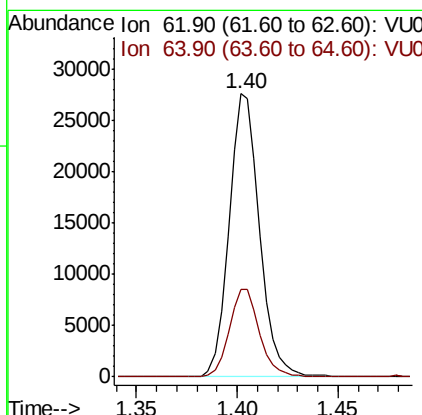
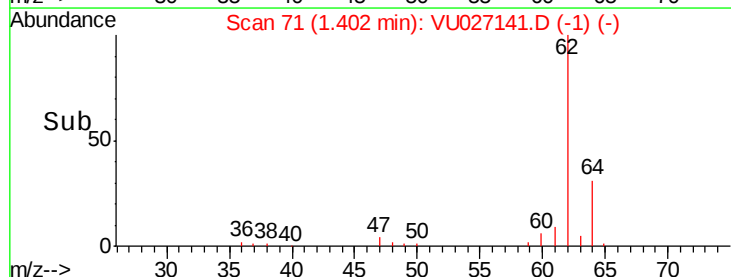
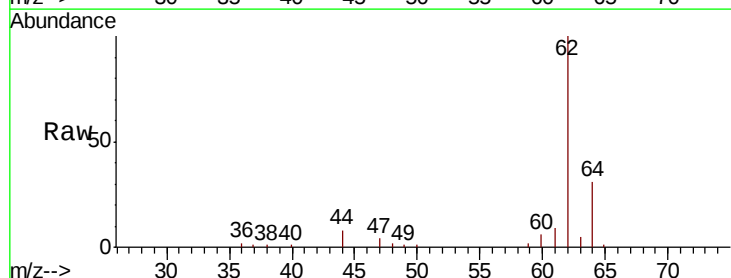
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

Tot Ion: 50 Resp: 30728
 Ion Ratio Lower Upper
 50 100
 52 31.2 25.9 38.9



#4
 Vinyl Chloride
 Concen: 18.001 ug/l
 RT: 1.40 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion: 62 Resp: 29013
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.5 38.3

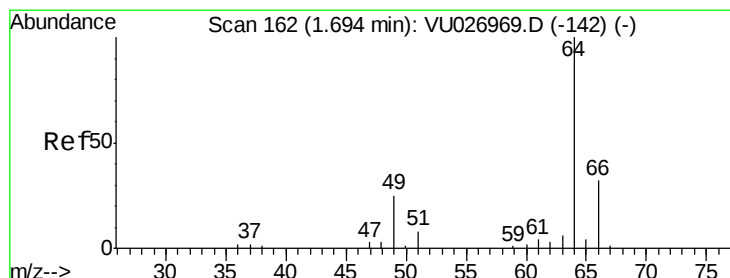
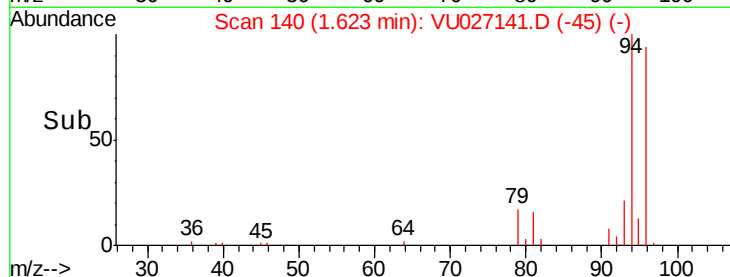
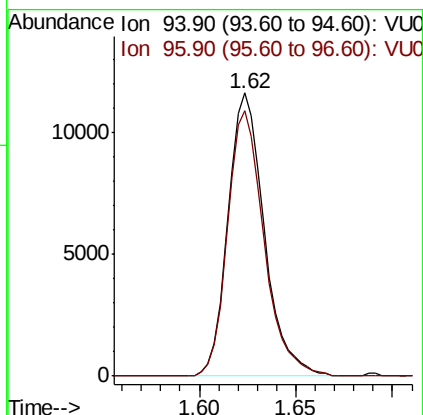
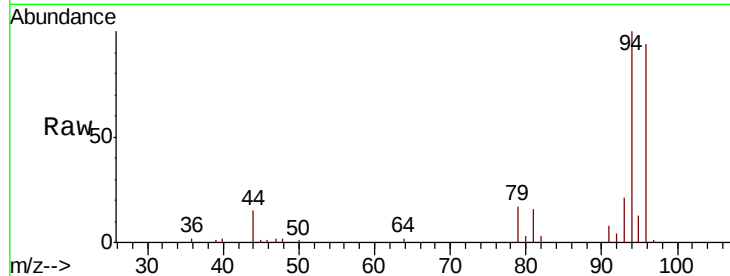




#5
Bromomethane
Concen: 16.472 ug/l
RT: 1.62 min Scan# 140
Delta R.T. 0.01 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

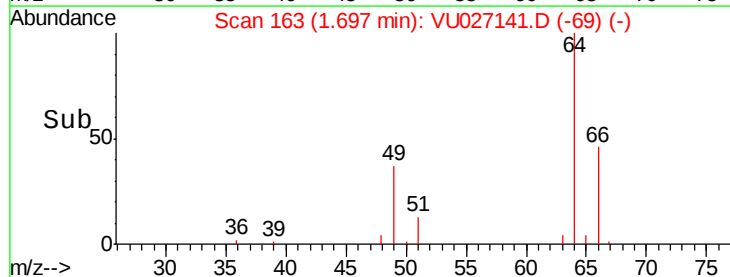
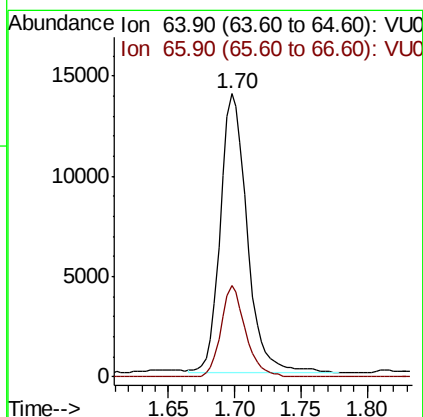
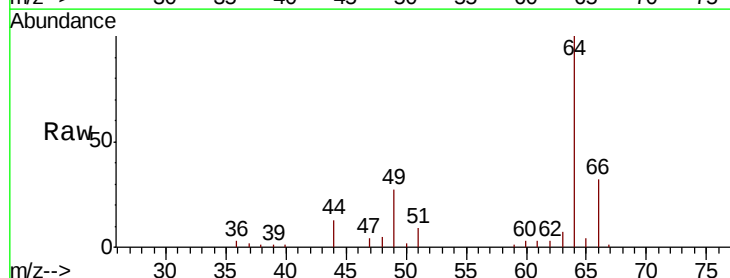
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 94 Resp: 15118
Ion Ratio Lower Upper
94 100
96 93.8 73.2 109.8



#6
Chloroethane
Concen: 19.055 ug/l
RT: 1.70 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 64 Resp: 19623
Ion Ratio Lower Upper
64 100
66 32.6 25.3 37.9



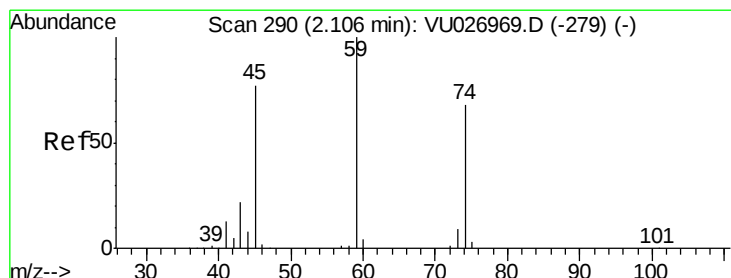
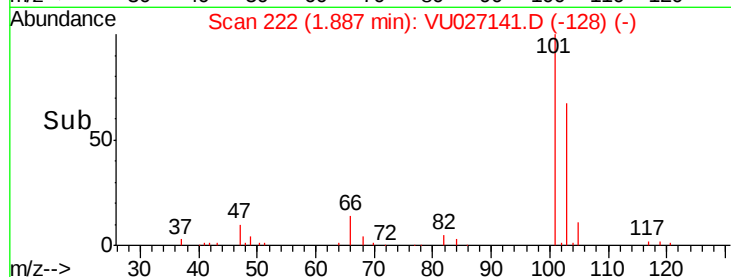
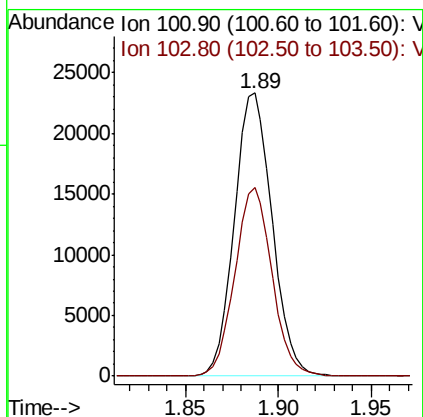
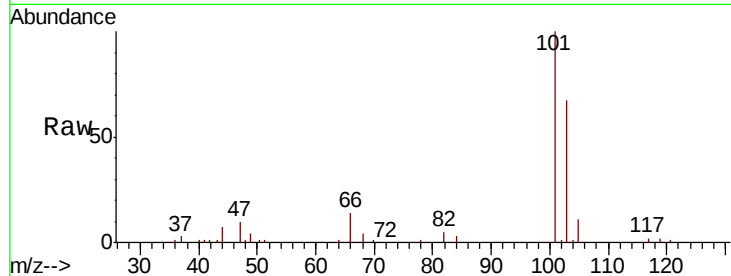


#7

Trichlorofluoromethane
 Concen: 18.006 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

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 VU0926WBS01

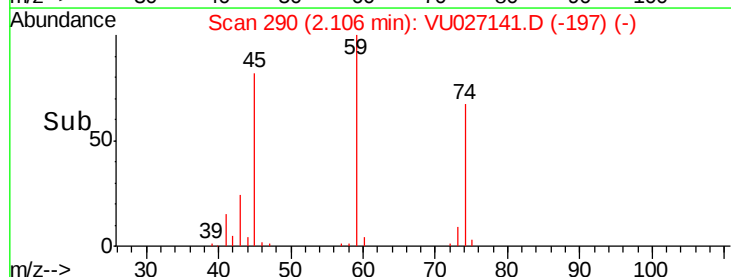
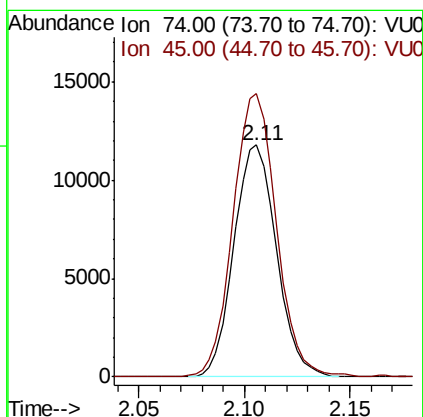
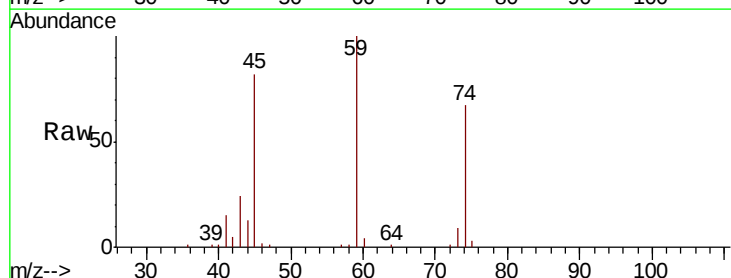
Tot Ion:101 Resp: 32961
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.2 78.2

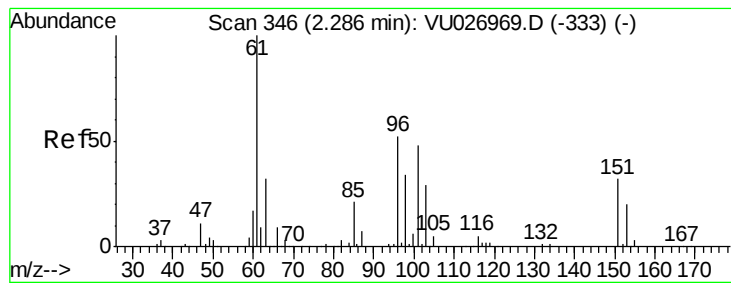


#8

Diethyl Ether
 Concen: 18.752 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion: 74 Resp: 16522
 Ion Ratio Lower Upper
 74 100
 45 124.7 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.992 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS01

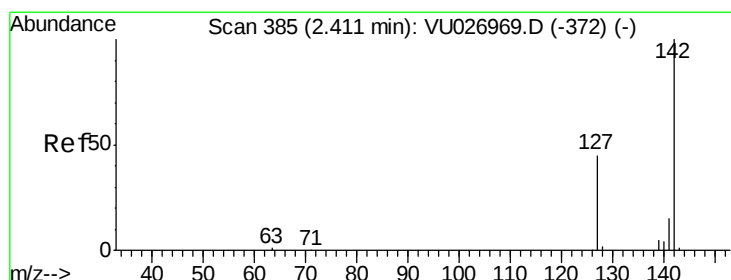
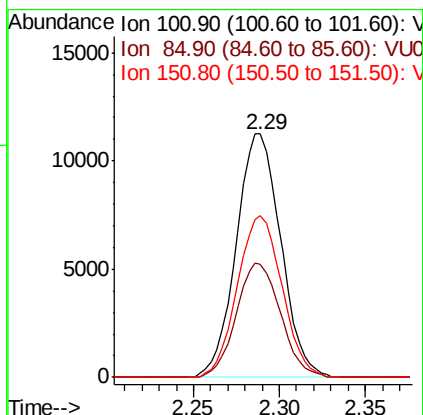
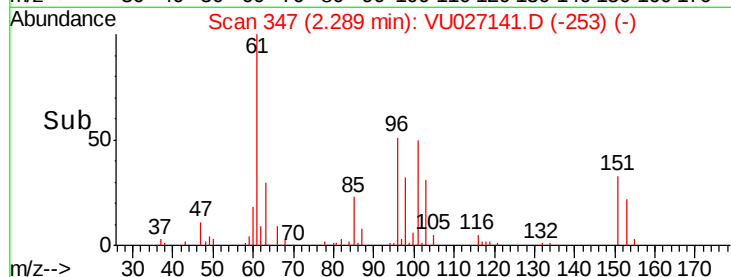
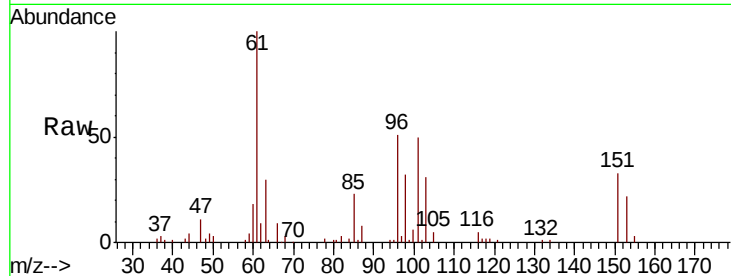
Tot Ion:101 Resp: 20251

Ion Ratio Lower Upper

101 100

85 46.7 36.2 54.2

151 66.7 54.5 81.7



#10

Methyl Iodide

Concen: 9.500 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

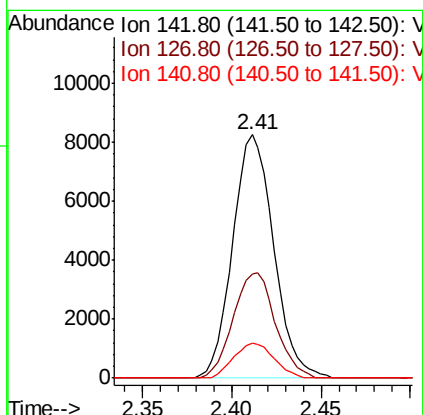
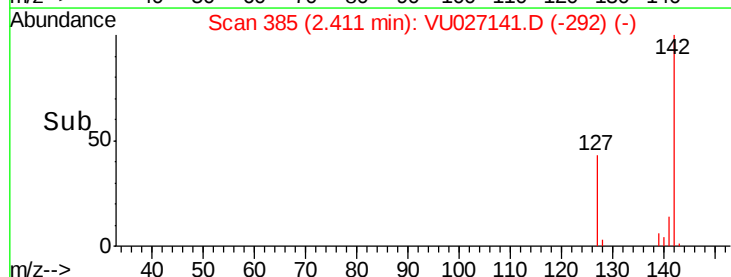
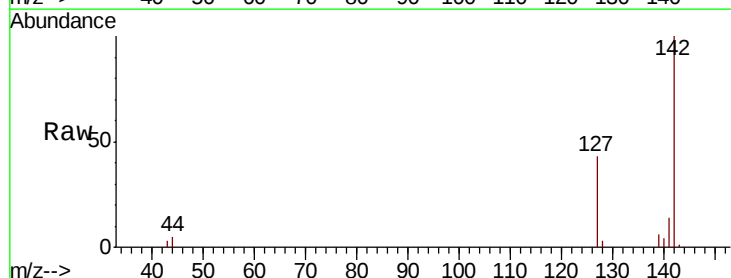
Tgt Ion:142 Resp: 13262

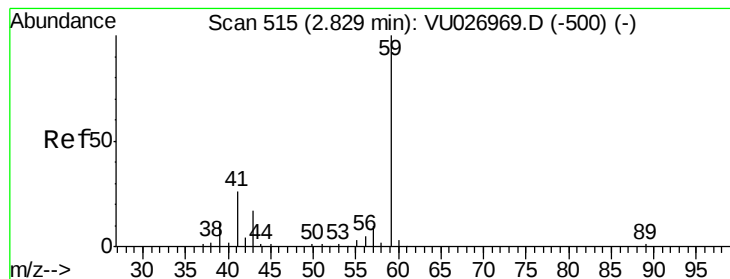
Ion Ratio Lower Upper

142 100

127 44.3 36.7 55.1

141 14.0 11.8 17.6



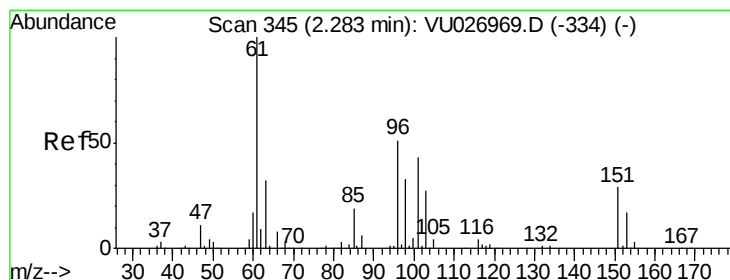
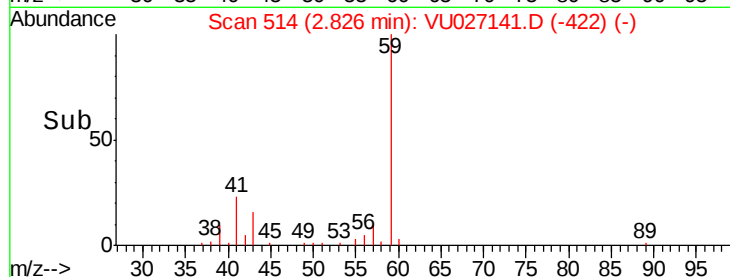
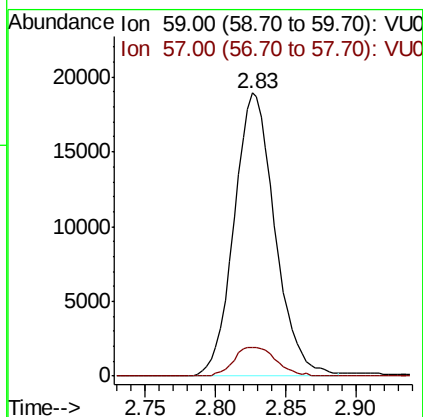
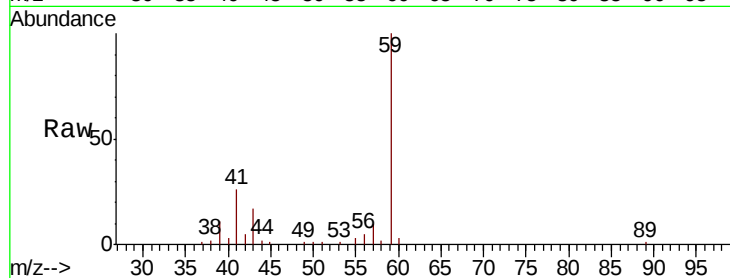


#11

Tert butyl alcohol
 Concen: 108.601 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

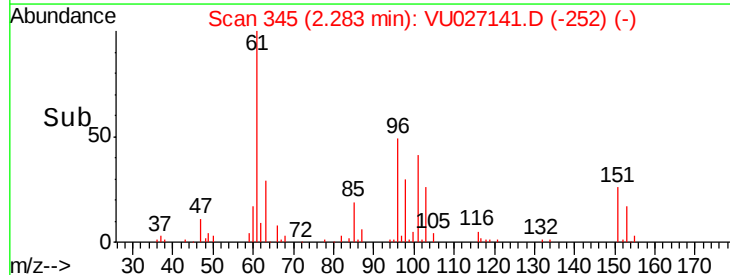
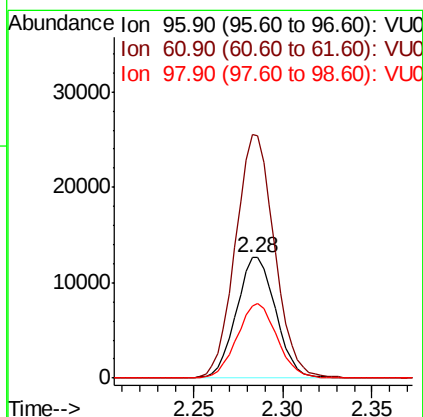
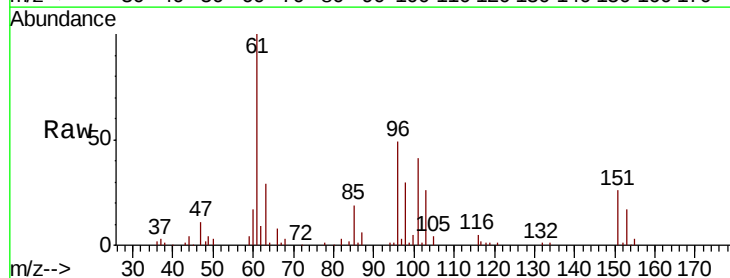
Tot Ion: 59 Resp: 38428
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

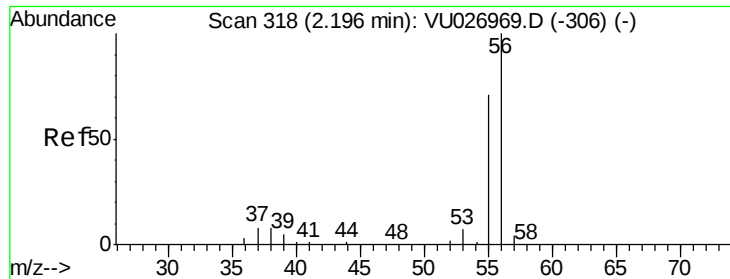


#12

1,1-Dichloroethene
 Concen: 18.342 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion: 96 Resp: 19431
 Ion Ratio Lower Upper
 96 100
 61 202.3 156.1 234.1
 98 60.3 51.4 77.0





#13

Acrolein

Concen: 72.238 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

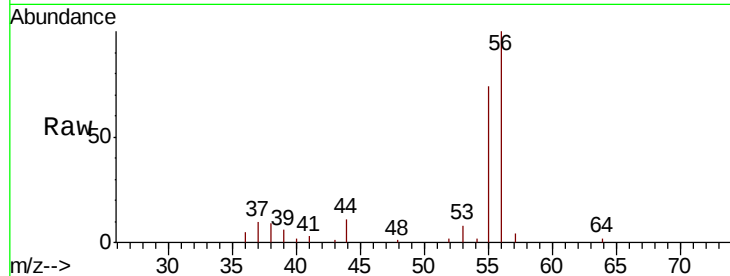
VU0926WBS01

Tot Ion: 56 Resp: 13779

Ion Ratio Lower Upper

56 100

55 72.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.20

10000

8000

6000

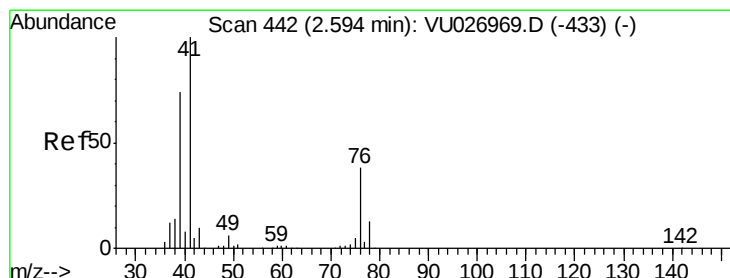
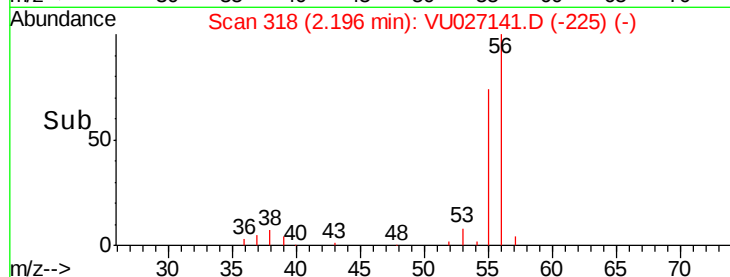
4000

2000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 20.887 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

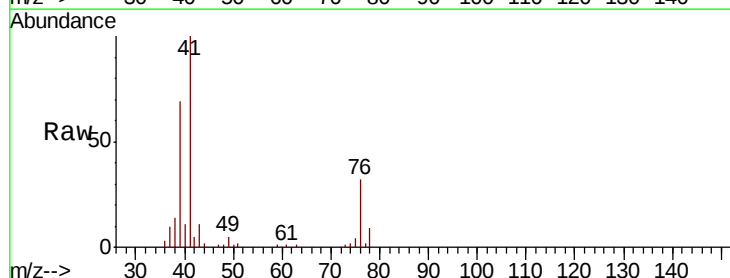
Tgt Ion: 41 Resp: 44879

Ion Ratio Lower Upper

41 100

39 67.3 55.7 83.5

76 31.4 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.59

30000

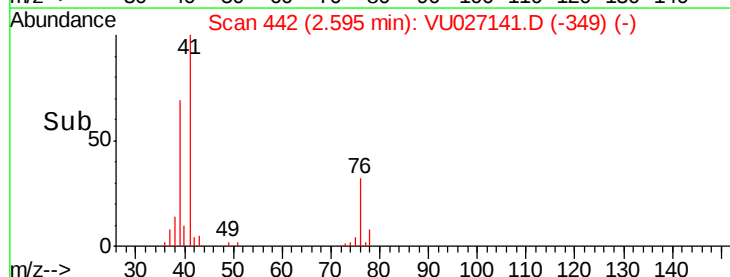
20000

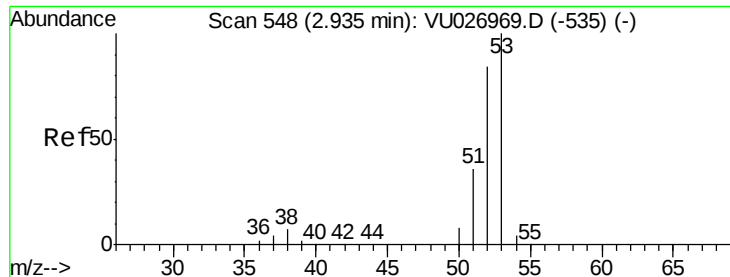
10000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 107.611 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

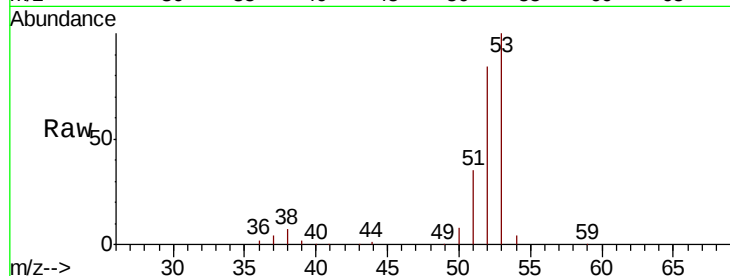
MSVOA_U

ClientSampleId :

VU0926WBS01

Tot Ion: 53 Resp: 95970

Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.7	98.5
51	34.0	27.4	41.2

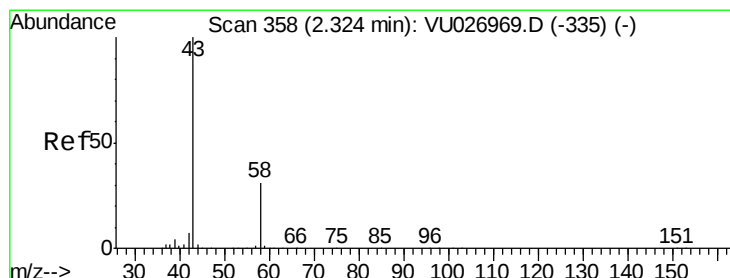
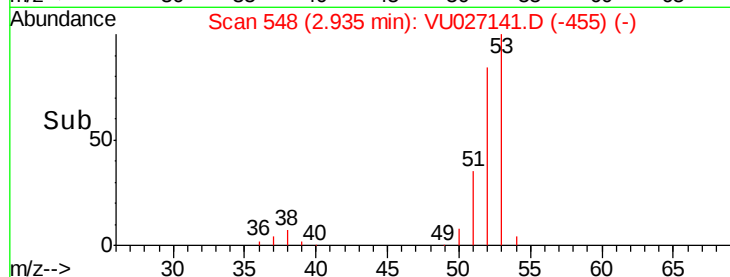
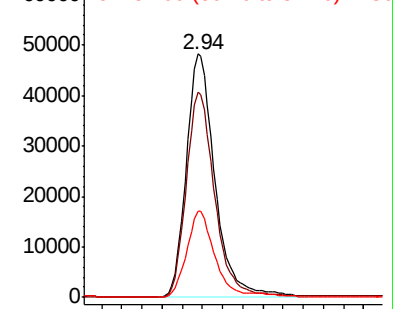


Abundance

Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 98.845 ug/l

RT: 2.32 min Scan# 357

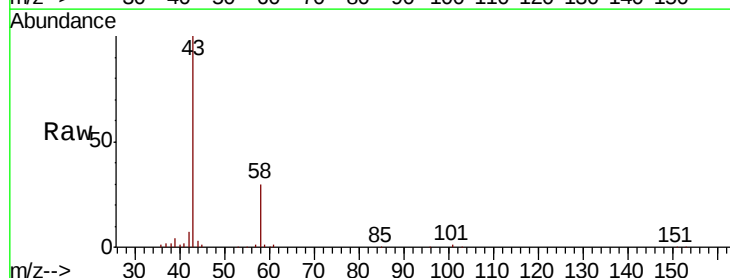
Delta R.T. -0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Tgt Ion: 43 Resp: 89282

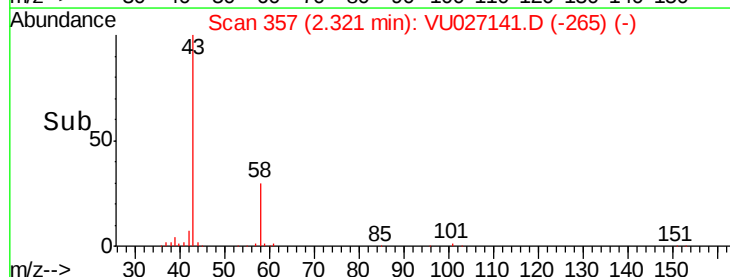
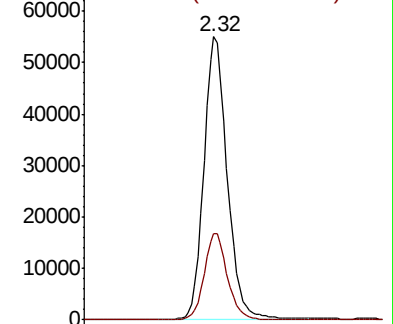
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.6	36.8

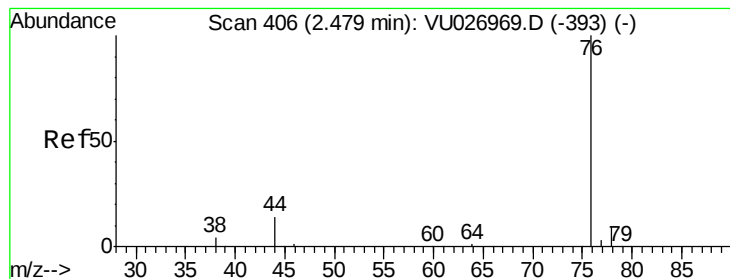


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 16.954 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

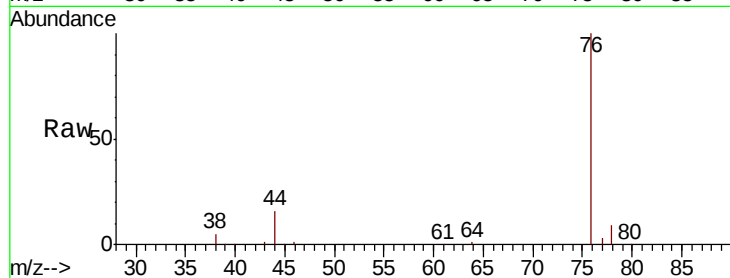
VU0926WBS01

Tot Ion: 76 Resp: 58511

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU026969.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VU026969.D (-393) (-)

2.48

40000

30000

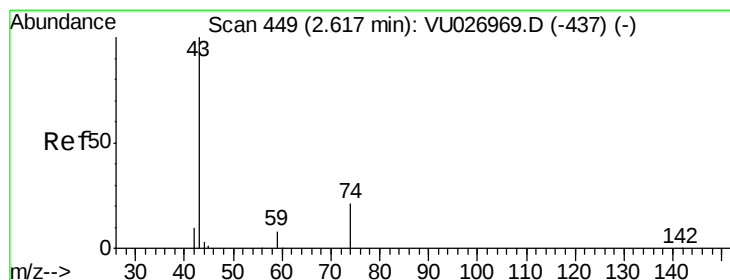
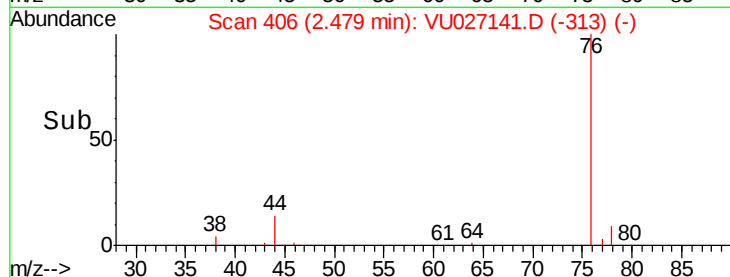
20000

10000

0

Time-->

2.40 2.45 2.50 2.55



#18

Methyl Acetate

Concen: 23.624 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027141.D

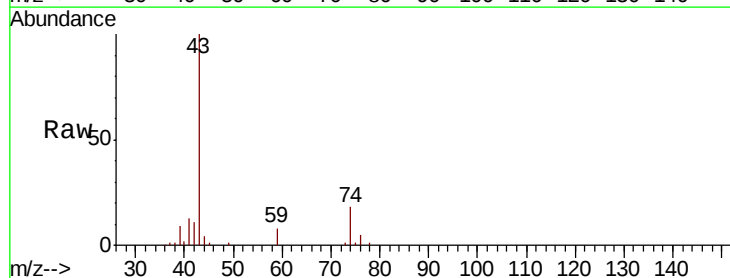
Acq: 25 Sep 2018 21:26

Tgt Ion: 43 Resp: 51909

Ion Ratio Lower Upper

43 100

74 18.7 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU026969.D (-437) (-)

2.62

30000

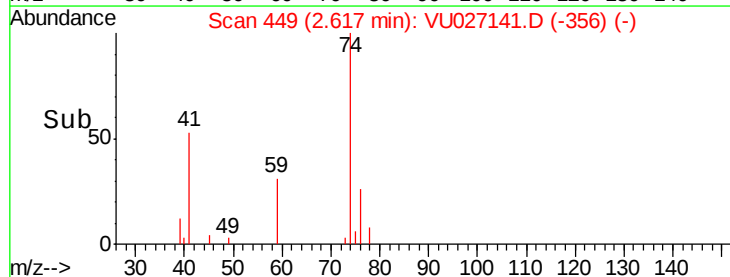
20000

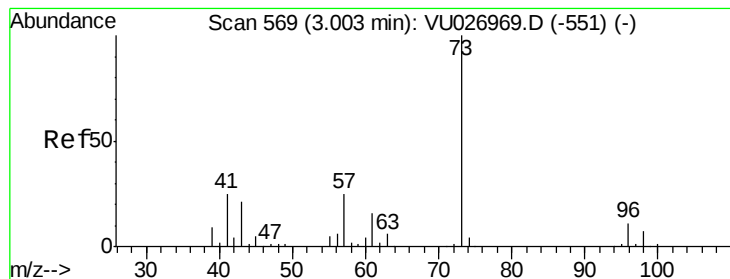
10000

0

Time-->

2.55 2.60 2.65 2.70



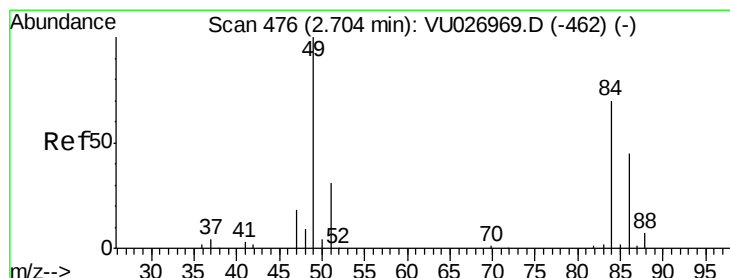
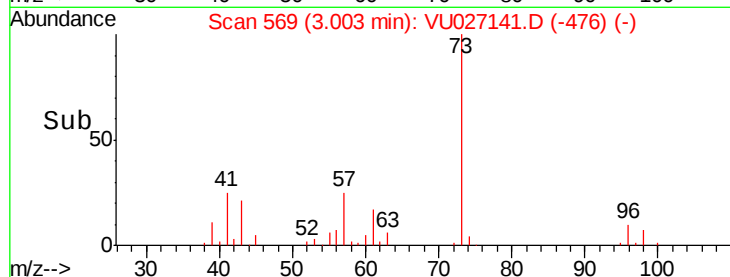
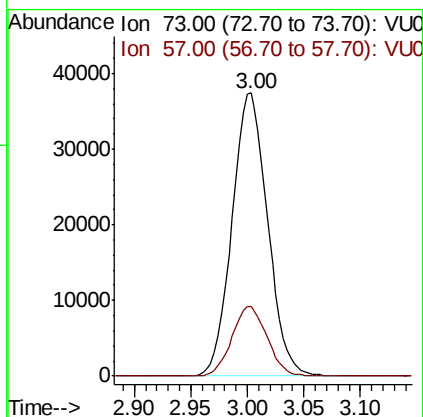
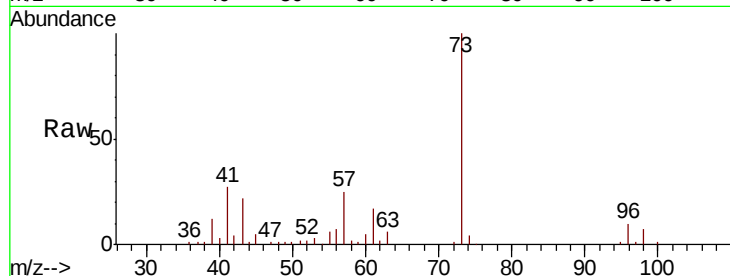


#19

Methyl tert-butyl Ether
 Concen: 20.995 ug/l
 RT: 3.00 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

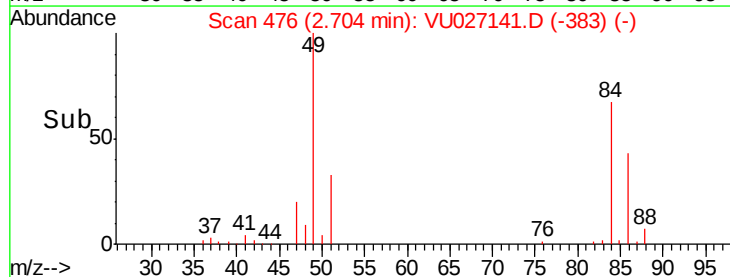
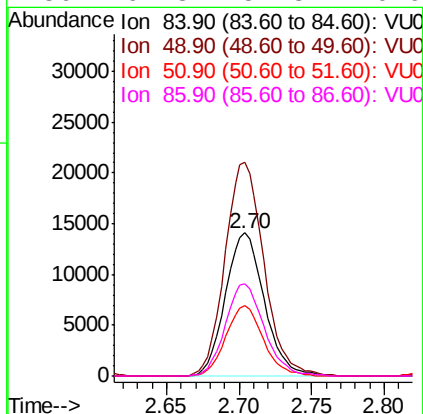
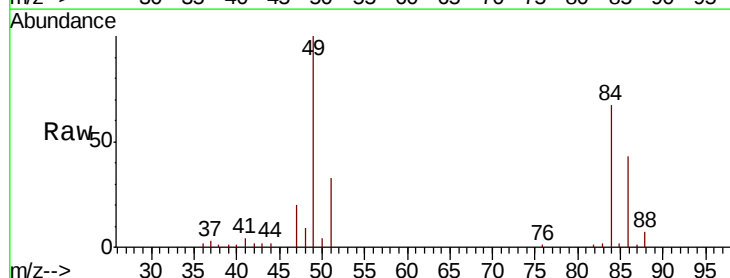
Tot Ion: 73 Resp: 81733
 Ion Ratio Lower Upper
 73 100
 57 24.7 19.8 29.6

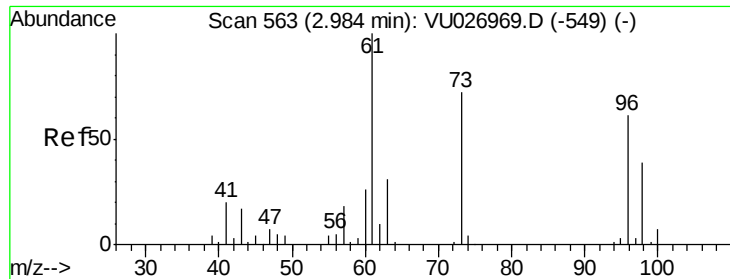


#20

Methylene Chloride
 Concen: 18.967 ug/l
 RT: 2.70 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion: 84 Resp: 26223
 Ion Ratio Lower Upper
 84 100
 49 149.6 114.9 172.3
 51 49.3 35.8 53.8
 86 64.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.516 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS01

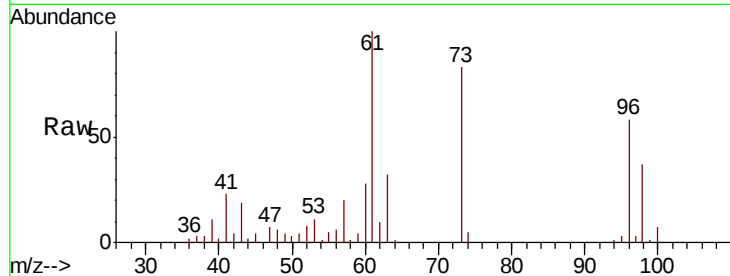
Tot Ion: 96 Resp: 20943

Ion Ratio Lower Upper

96 100

61 172.0 131.8 197.6

98 63.5 50.9 76.3

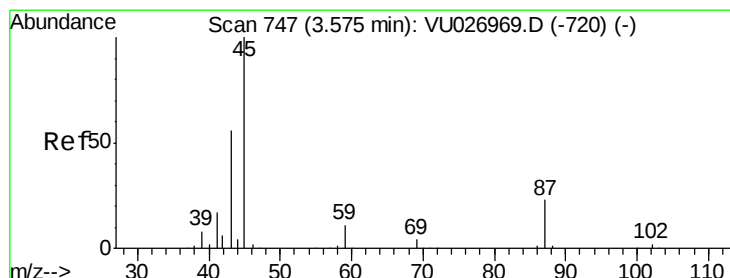
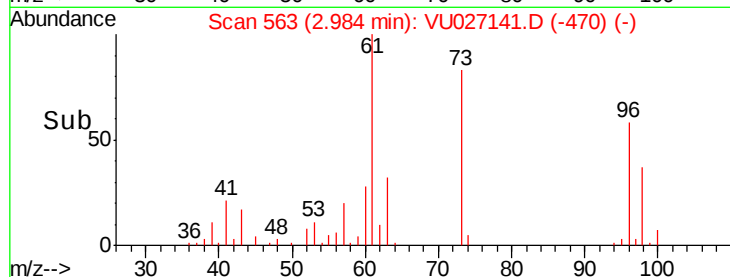
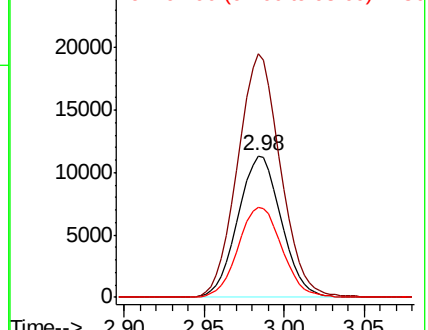


Abundance

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: 22.505 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Tgt Ion: 45 Resp: 103427

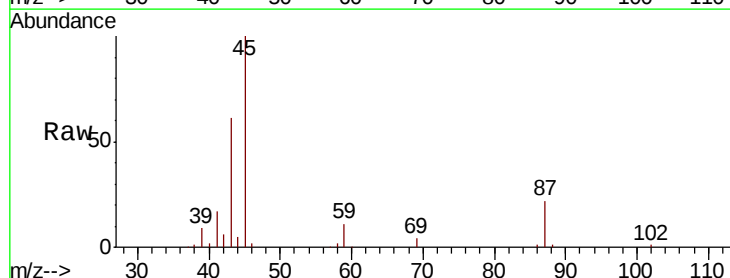
Ion Ratio Lower Upper

45 100

43 58.8 45.8 68.6

87 21.9 18.6 28.0

59 11.2 9.0 13.4



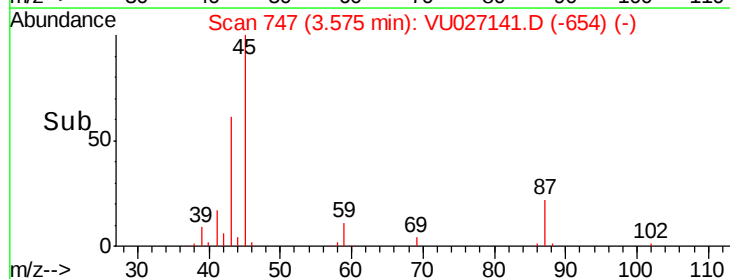
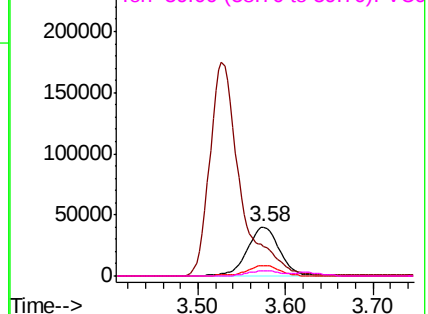
Abundance

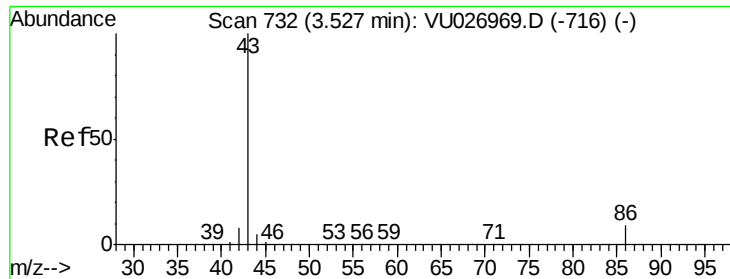
Ion 45.00 (44.70 to 45.70): VU0

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: 108.140 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

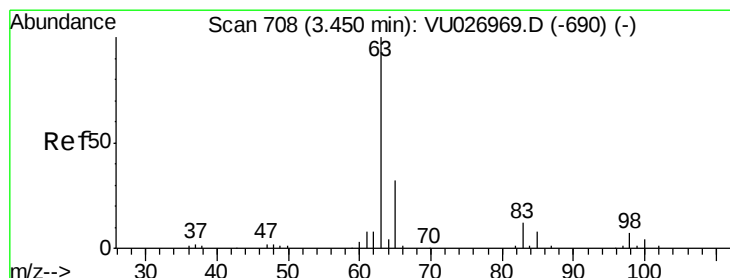
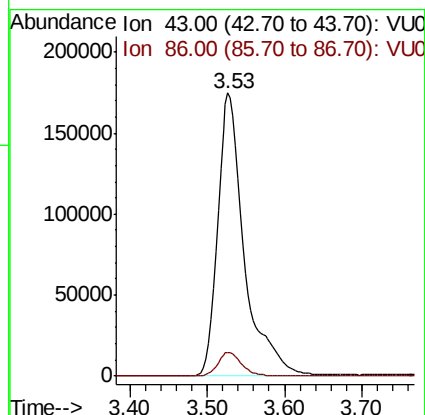
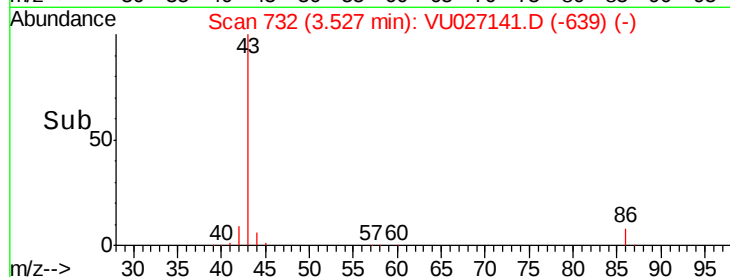
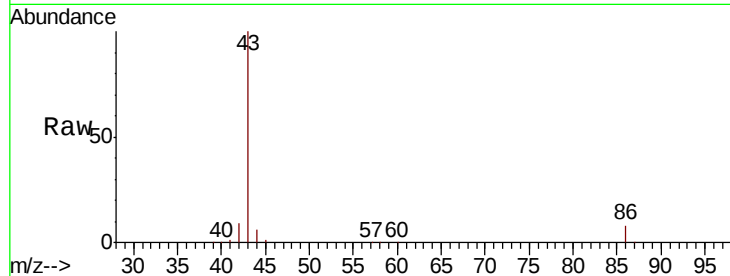
VU0926WBS01

Tot Ion: 43 Resp: 423650

Ion Ratio Lower Upper

43 100

86 8.4 7.2 10.8



#24

1,1-Dichloroethane

Concen: 20.506 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

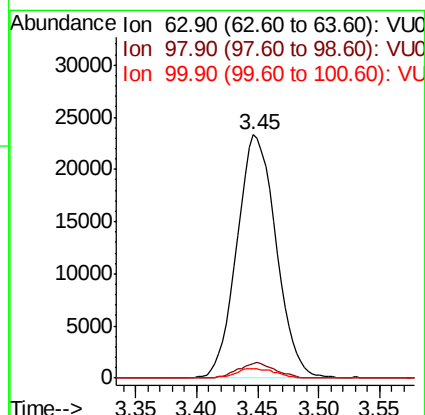
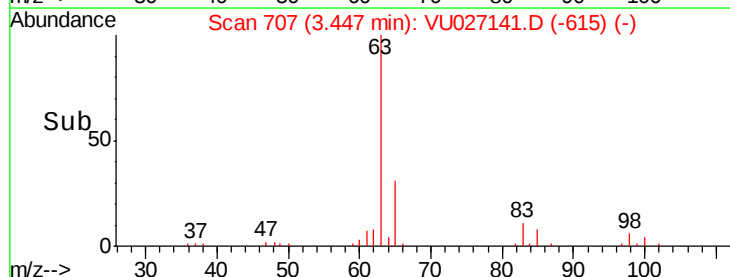
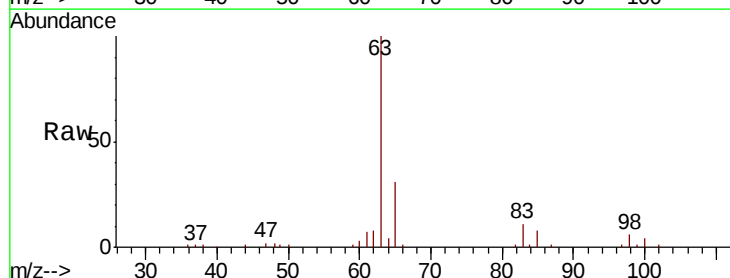
Tgt Ion: 63 Resp: 51906

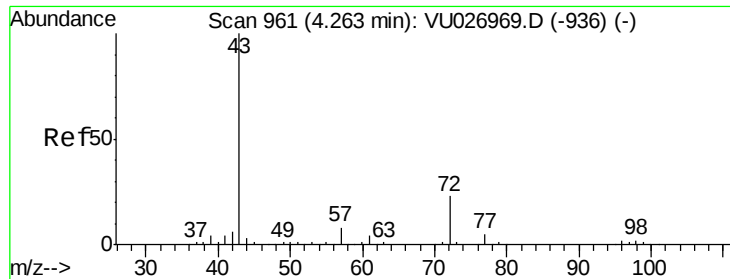
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 107.209 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

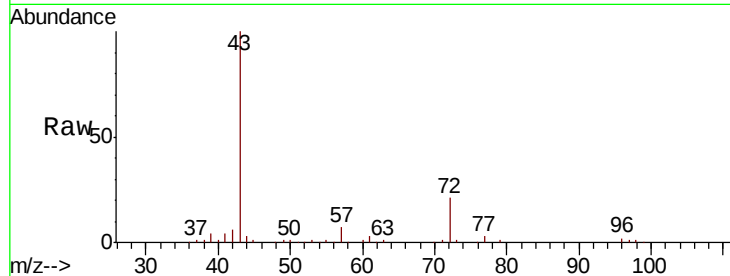
VU0926WBS01

Tot Ion: 43 Resp: 139090

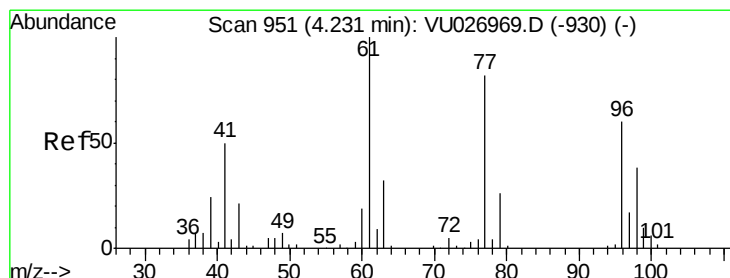
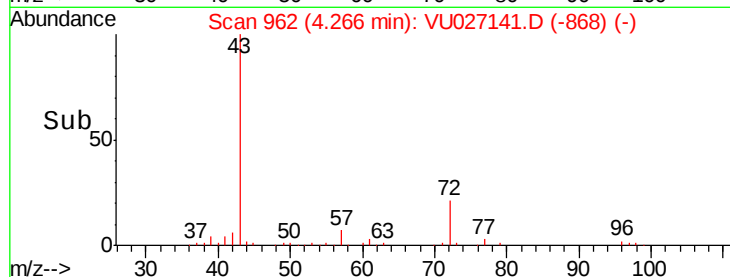
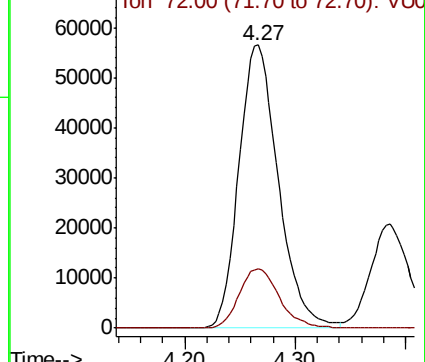
Ion Ratio Lower Upper

43 100

72 21.1 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0



#26

2,2-Dichloropropane

Concen: 18.120 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027141.D

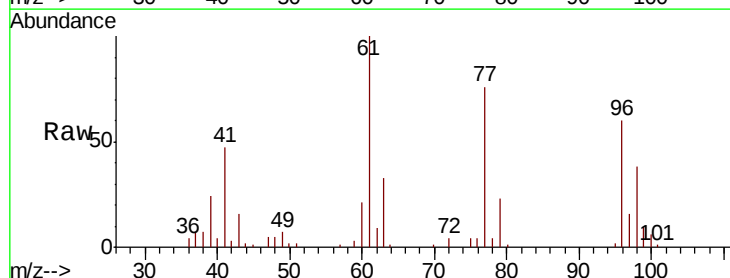
Acq: 25 Sep 2018 21:26

Tgt Ion: 77 Resp: 35770

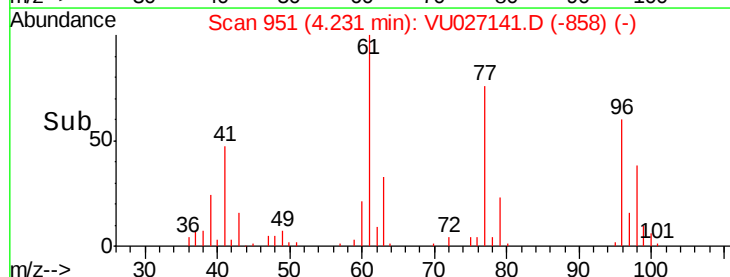
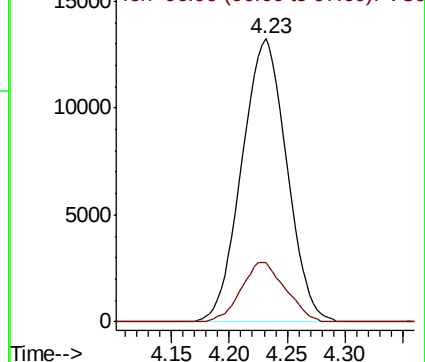
Ion Ratio Lower Upper

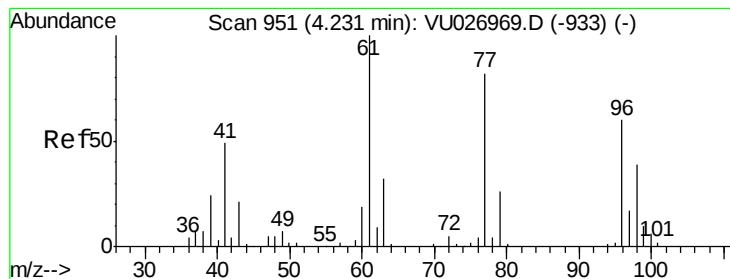
77 100

97 20.8 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0



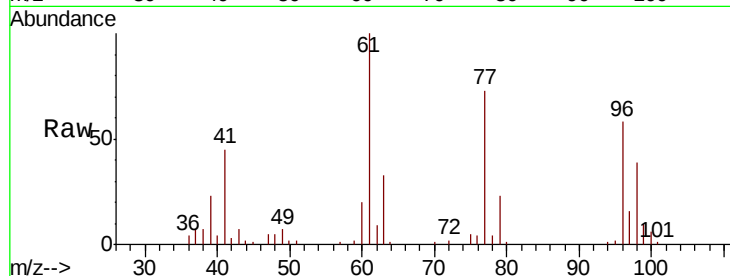


#27

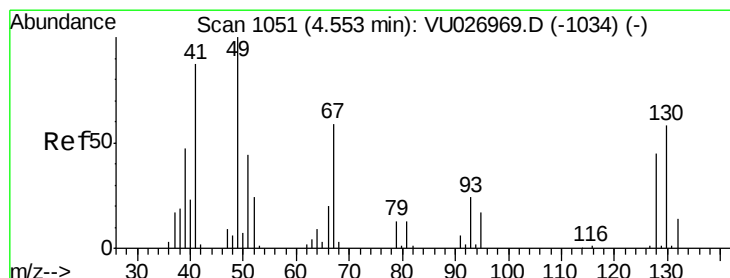
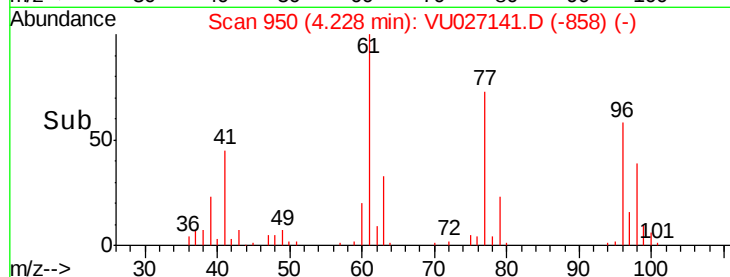
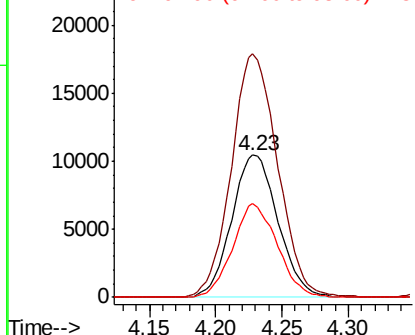
cis-1,2-Dichloroethene
Concen: 19.825 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 96 Resp: 25323
Ion Ratio Lower Upper
96 100
61 171.8 0.0 337.2
98 63.6 0.0 127.6



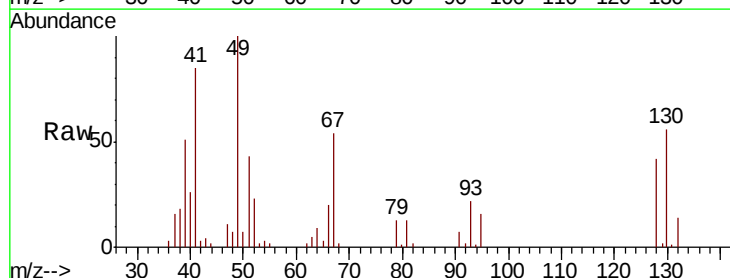
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



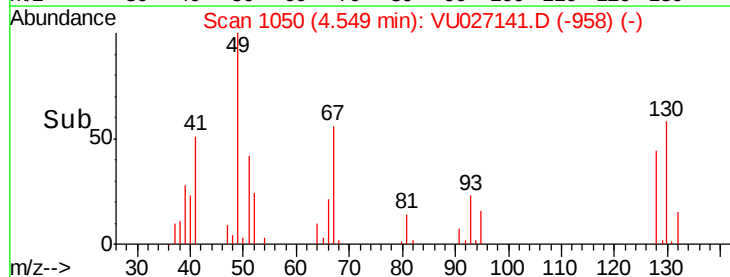
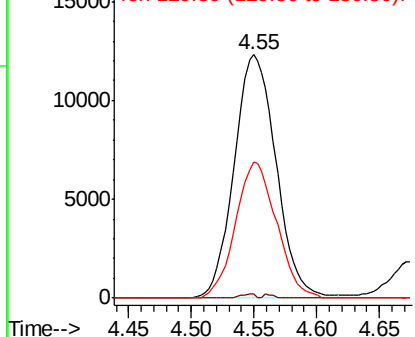
#28

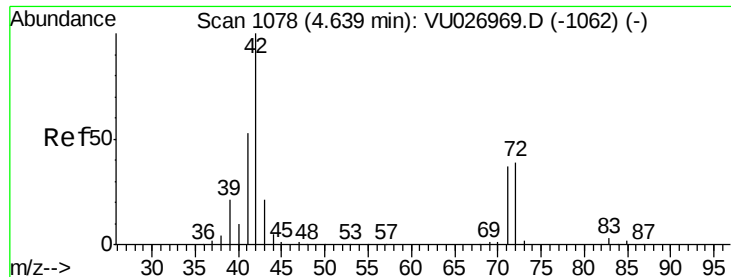
Bromochloromethane
Concen: 23.481 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 49 Resp: 28651
Ion Ratio Lower Upper
49 100
129 0.6 0.0 3.0
130 54.5 47.8 71.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

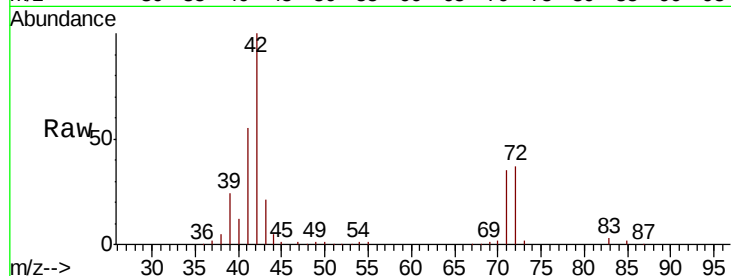




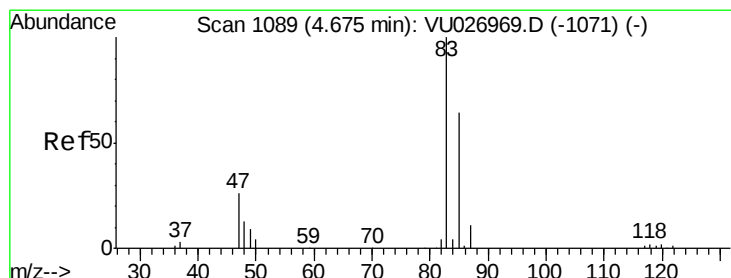
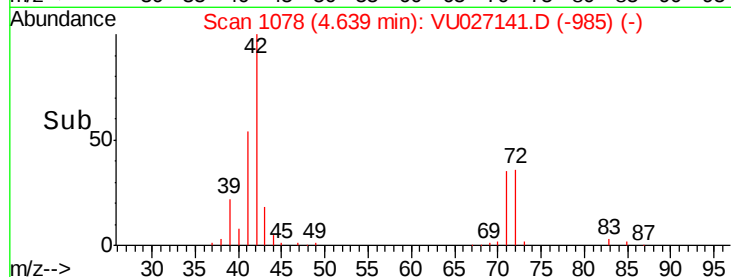
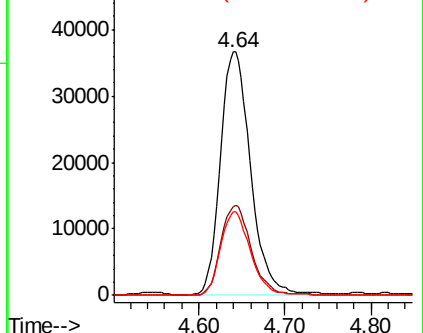
#29
Tetrahydrofuran
Concen: 113.674 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 42 Resp: 89214
Ion Ratio Lower Upper
42 100
72 37.5 31.7 47.5
71 34.3 29.6 44.4

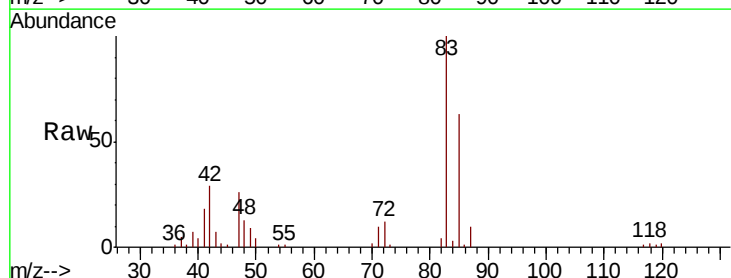


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

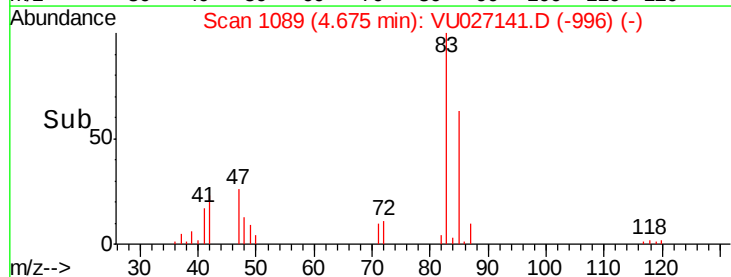
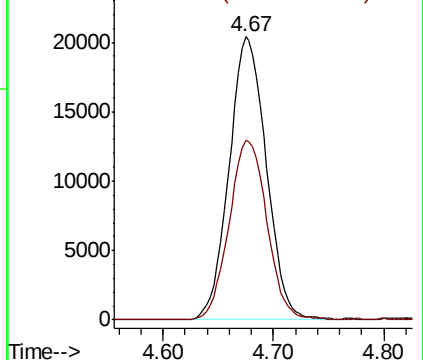


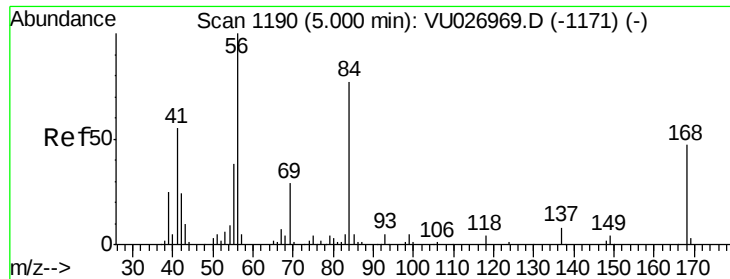
#30
Chloroform
Concen: 20.296 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 83 Resp: 47687
Ion Ratio Lower Upper
83 100
85 63.3 51.5 77.3



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

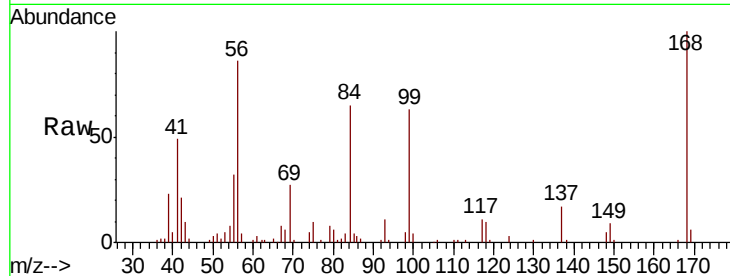




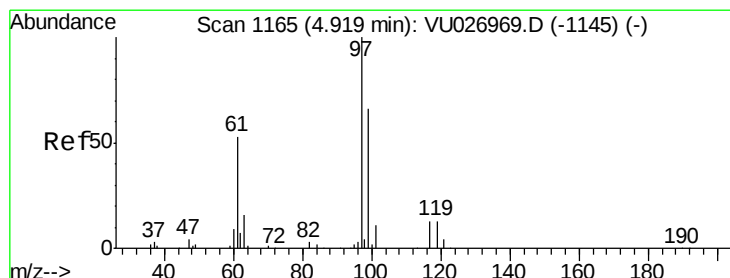
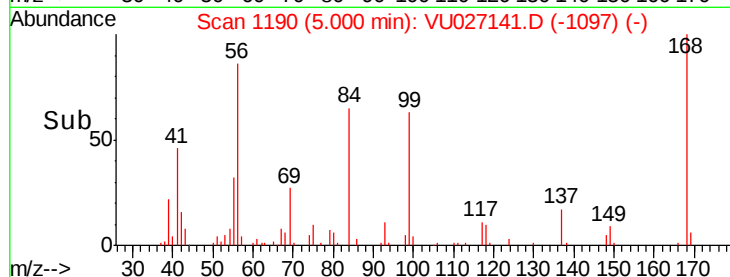
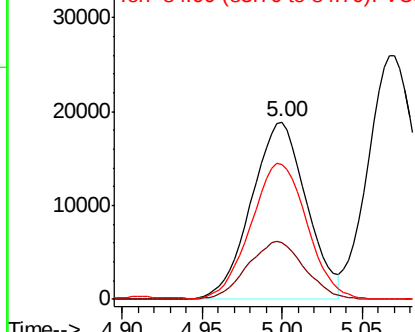
#31
Cyclohexane
Concen: 19.199 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 56 Resp: 44991
Ion Ratio Lower Upper
56 100
69 32.0 23.0 34.4
84 76.2 61.4 92.2

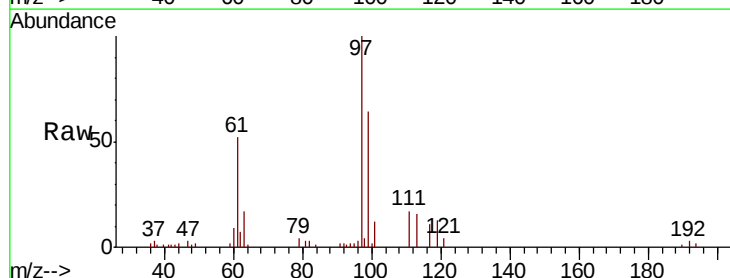


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

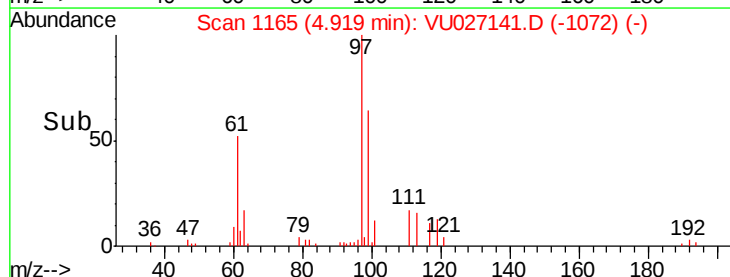
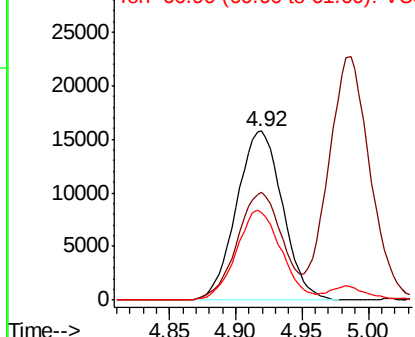


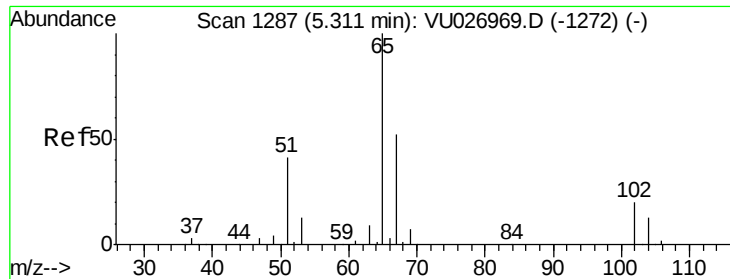
#32
1,1,1-Trichloroethane
Concen: 20.336 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 97 Resp: 38150
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 51.9 41.1 61.7



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

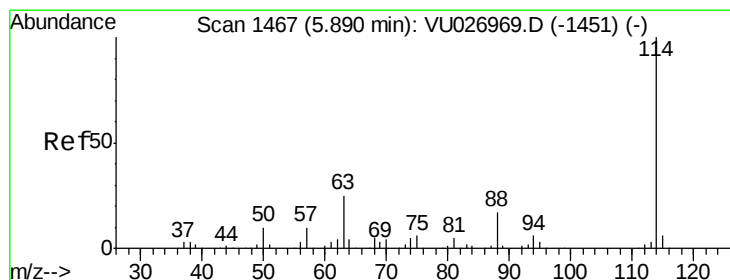
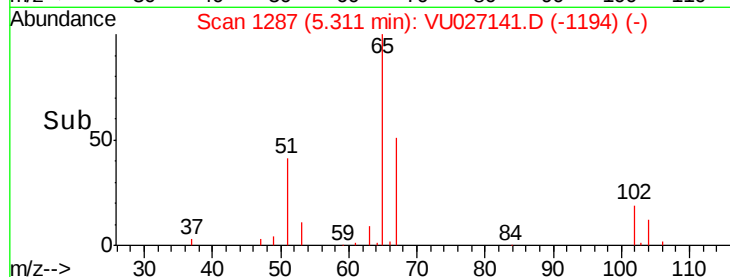
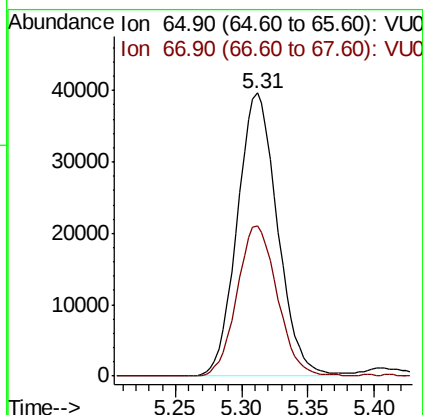
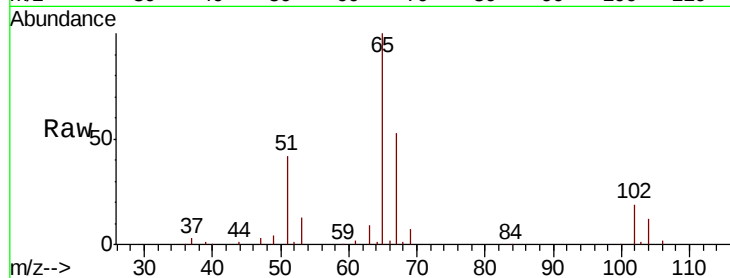




#33
 1,2-Dichloroethane-d4
 Concen: 54.155 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

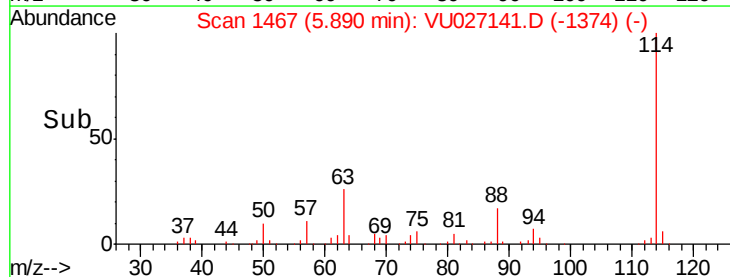
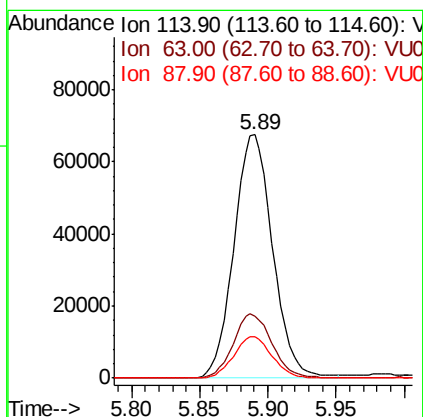
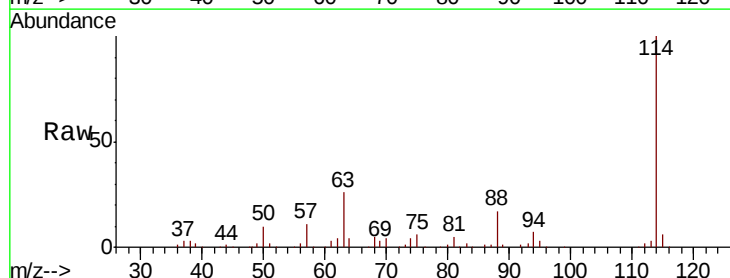
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

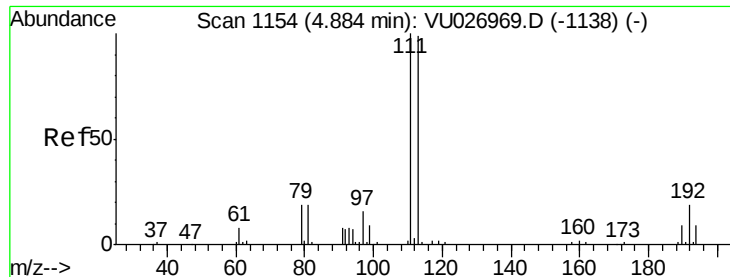
Tot Ion: 65 Resp: 83603
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion: 114 Resp: 133061
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.0 0.0 33.8

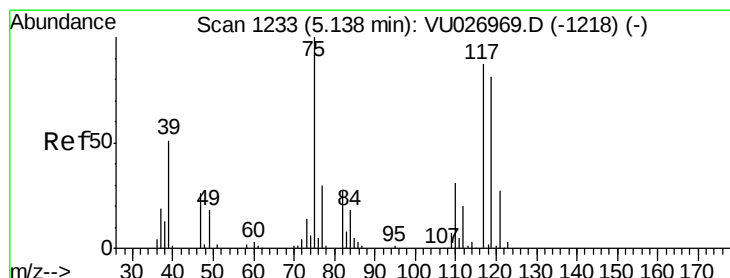
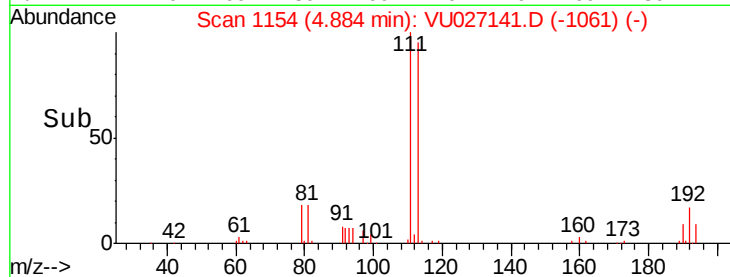
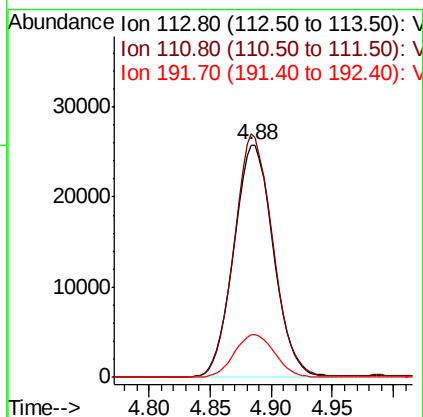
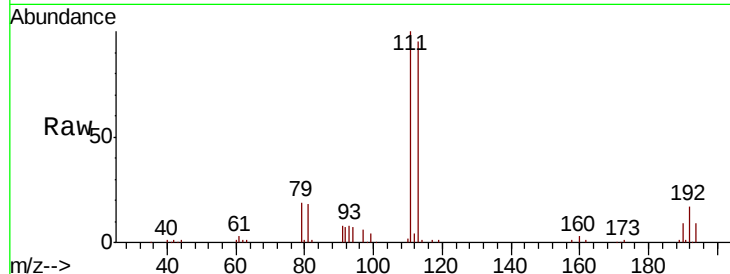




#35
 Dibromofluoromethane
 Concen: 50.402 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

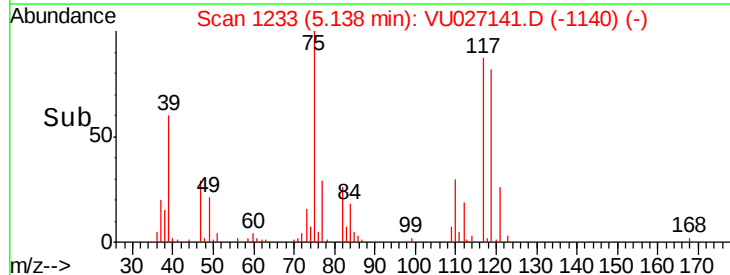
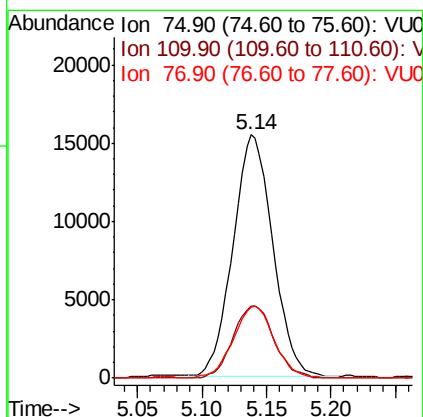
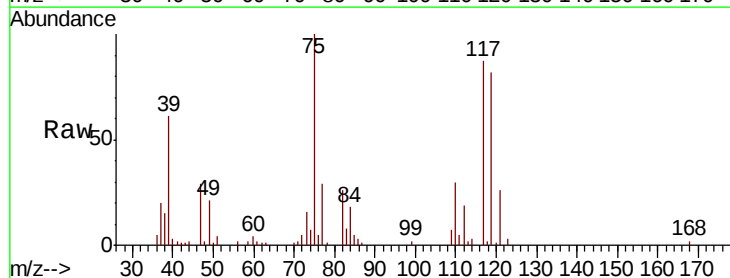
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

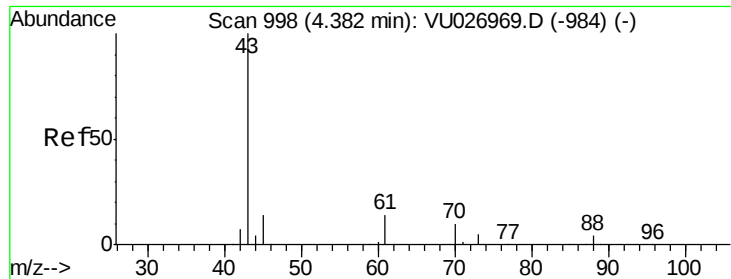
Tot Ion:113 Resp: 58132
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 18.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 18.701 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion: 75 Resp: 33210
 Ion Ratio Lower Upper
 75 100
 110 30.4 16.1 48.2
 77 30.5 24.6 36.8





#37

Ethyl Acetate

Concen: 21.014 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS01

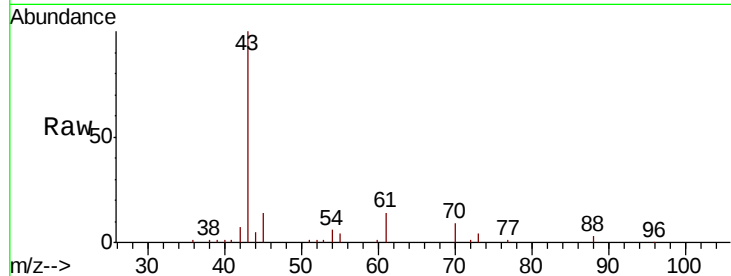
Tot Ion: 43 Resp: 50519

Ion Ratio Lower Upper

43 100

61 13.9 10.5 15.7

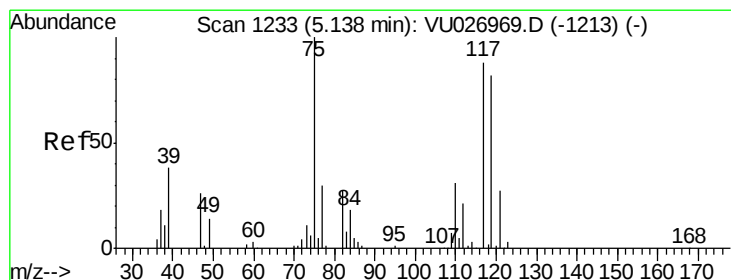
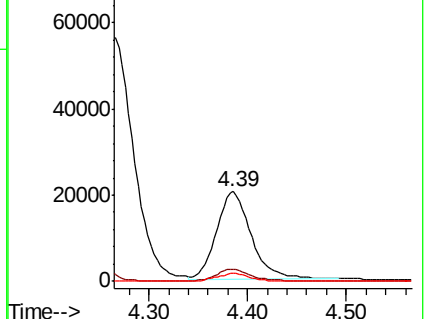
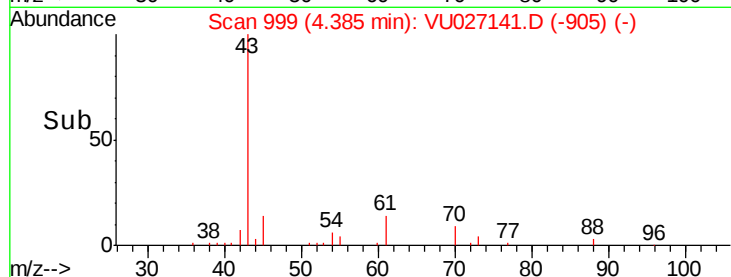
70 8.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0



#38

Carbon Tetrachloride

Concen: 18.919 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

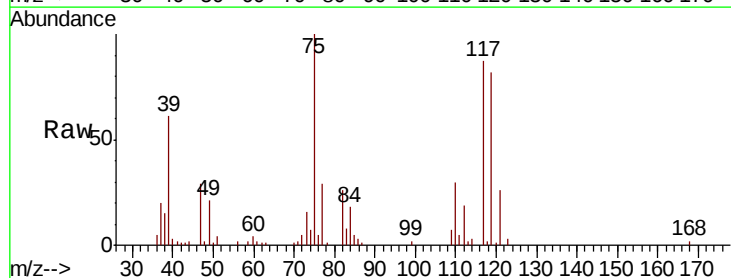
Tgt Ion: 117 Resp: 31972

Ion Ratio Lower Upper

117 100

119 94.3 74.4 111.6

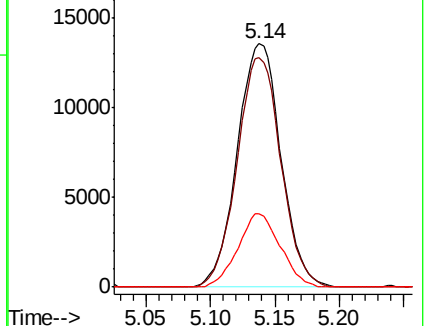
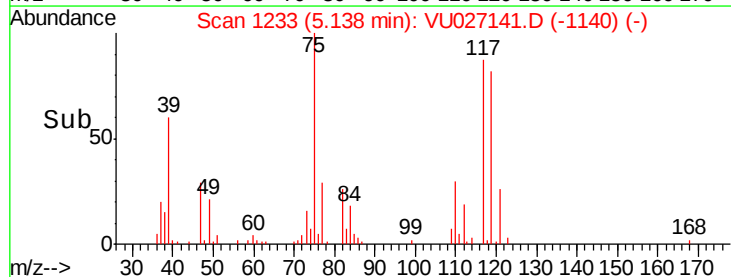
121 30.2 24.2 36.4

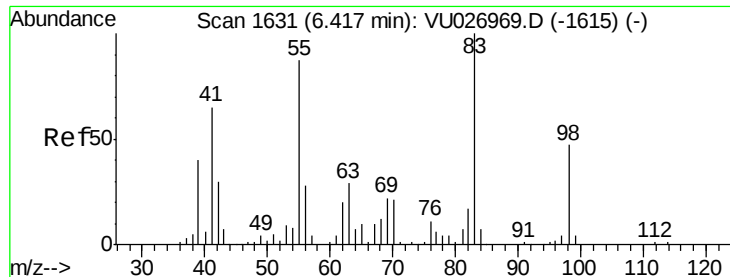


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

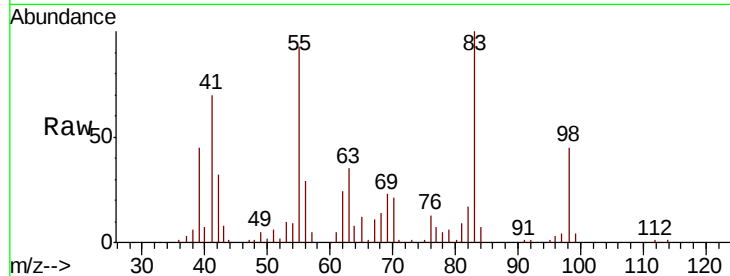




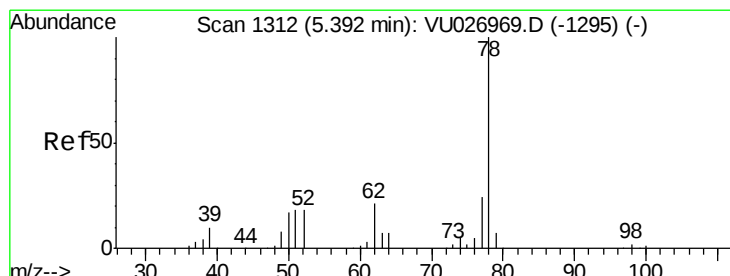
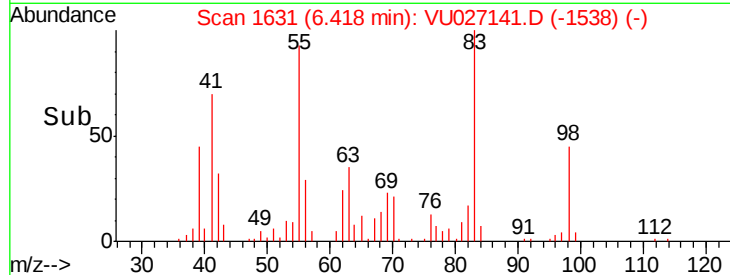
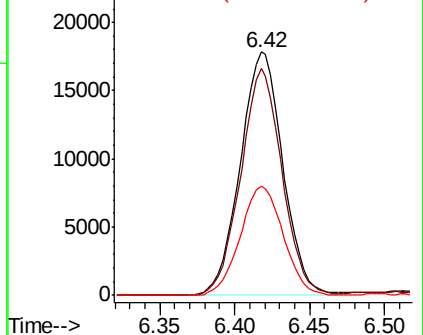
#39
Methvlcvclohexane
Concen: 18.282 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 83 Resp: 35282
Ion Ratio Lower Upper
83 100
55 93.4 69.9 104.9
98 45.0 37.5 56.3

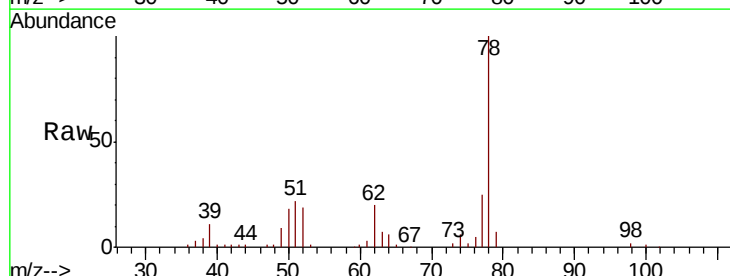


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

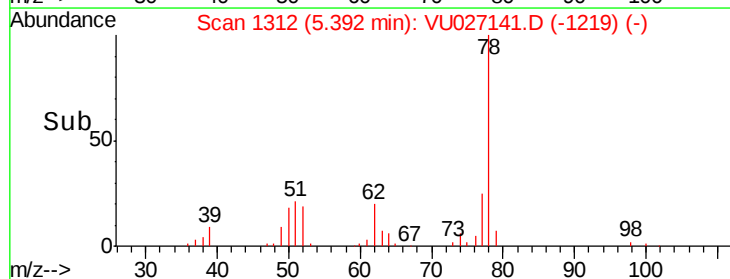
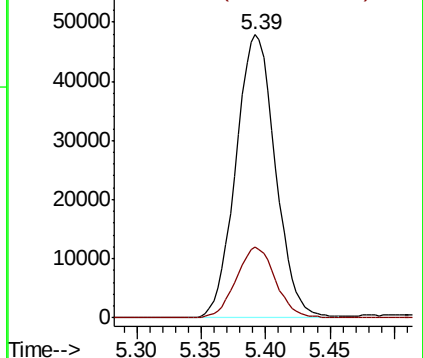


#40
Benzene
Concen: 18.951 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 78 Resp: 102310
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0



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

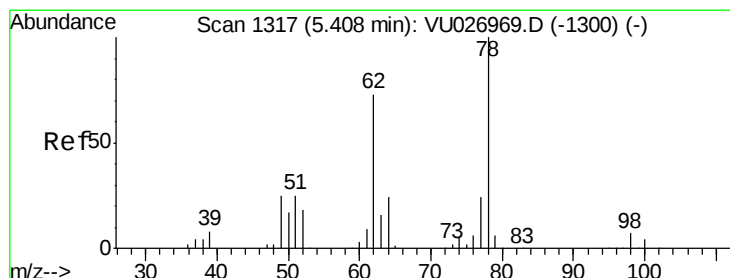
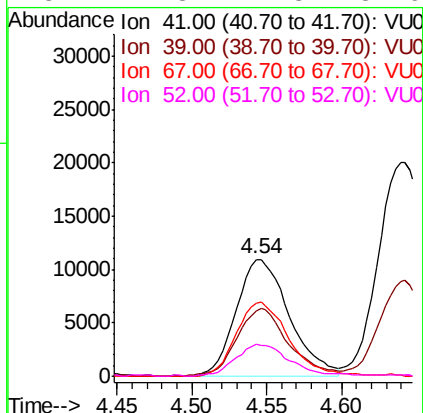
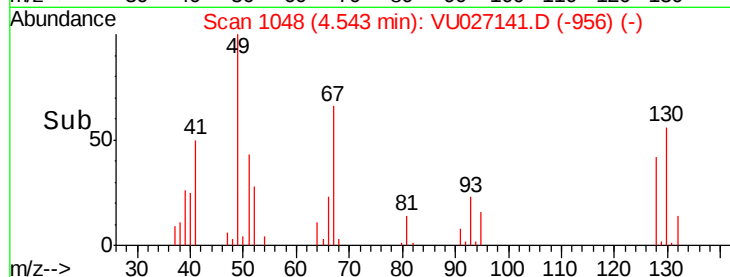
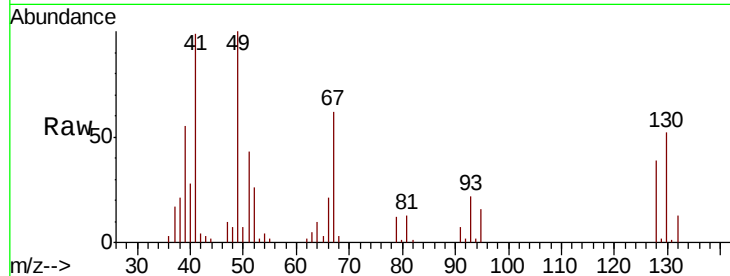




#41
Methacrylonitrile
Concen: 21.731 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

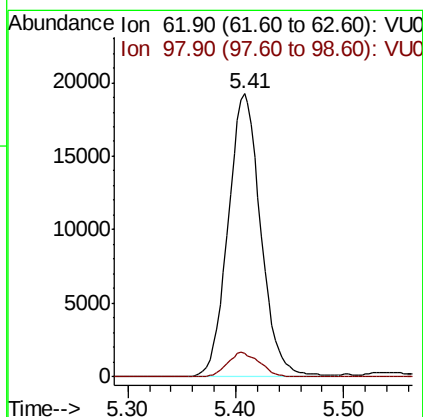
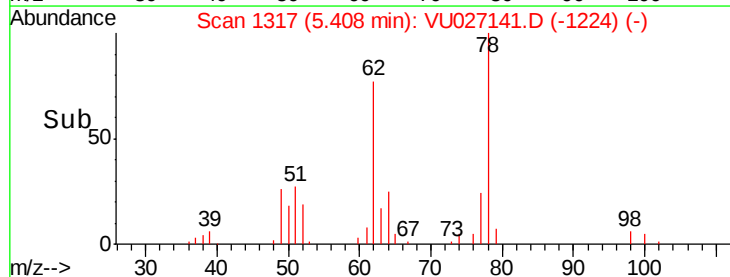
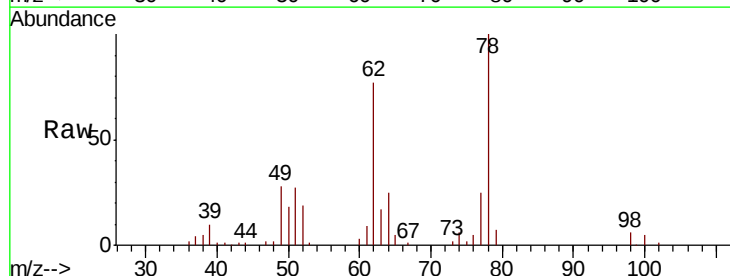
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 41 Resp: 27132
Ion Ratio Lower Upper
41 100
39 56.8 42.9 64.3
67 62.7 52.4 78.6
52 27.3 21.3 31.9



#42
1,2-Dichloroethane
Concen: 19.962 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 62 Resp: 40715
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.0





#43

Isopropyl Acetate

Concen: 21.487 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS01

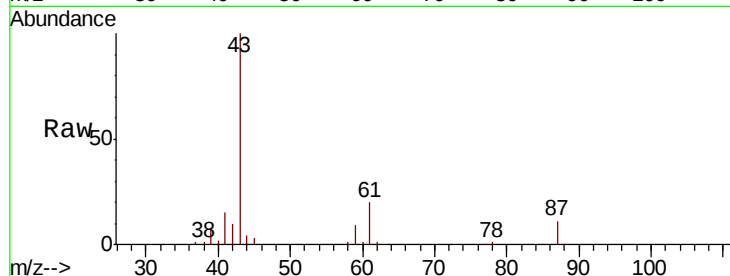
Tot Ion: 43 Resp: 75334

Ion Ratio Lower Upper

43 100

61 18.2 15.7 23.5

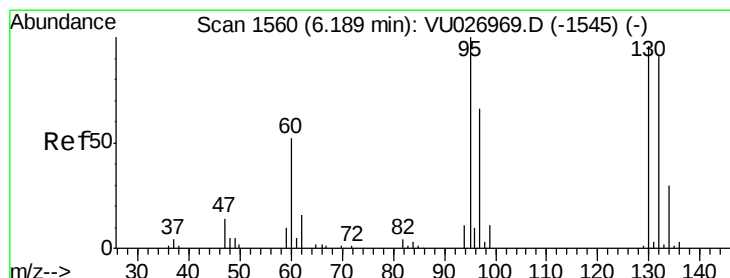
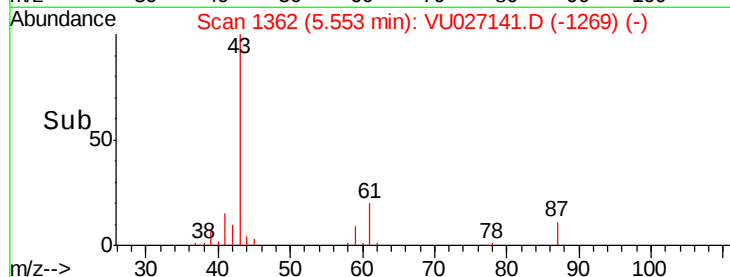
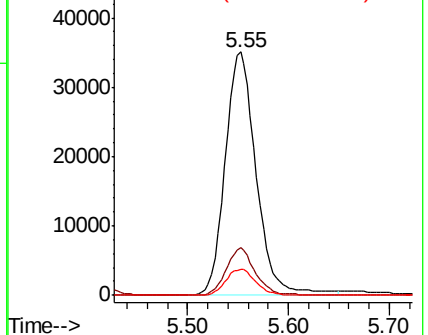
87 10.3 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 18.959 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027141.D

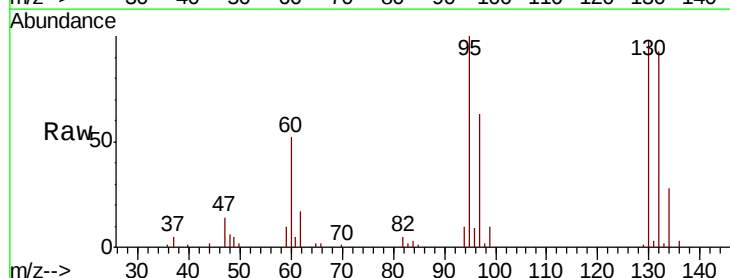
Acq: 25 Sep 2018 21:26

Tgt Ion:130 Resp: 21790

Ion Ratio Lower Upper

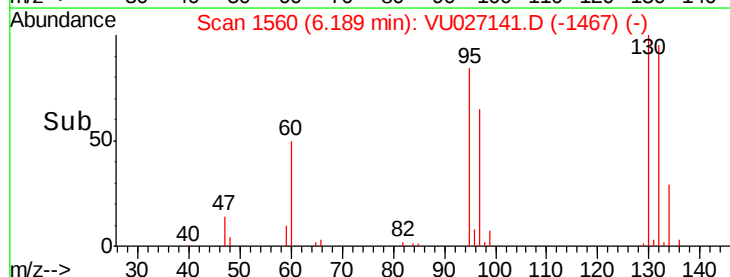
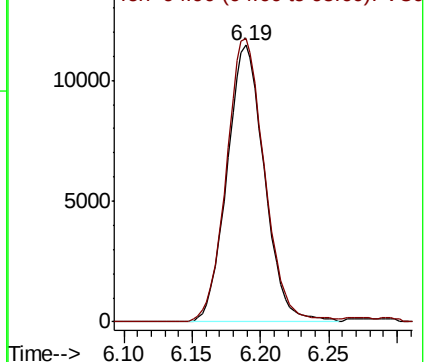
130 100

95 102.3 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)





#45

1,2-Dichloropropane

Concen: 20.165 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

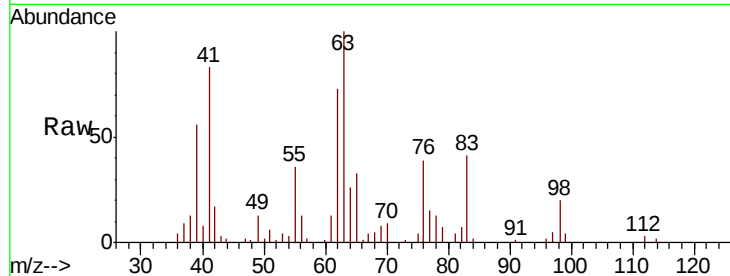
VU0926WBS01

Tot Ion: 63 Resp: 31018

Ion Ratio Lower Upper

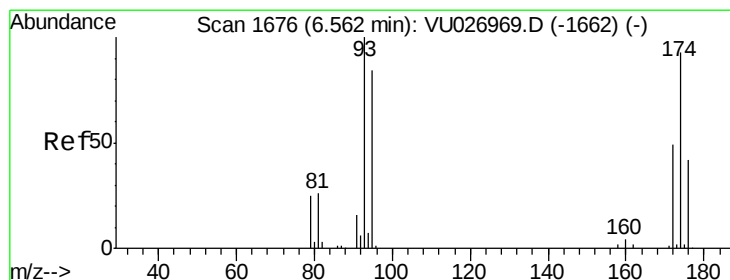
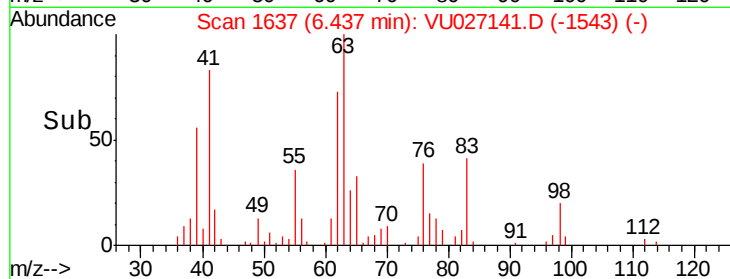
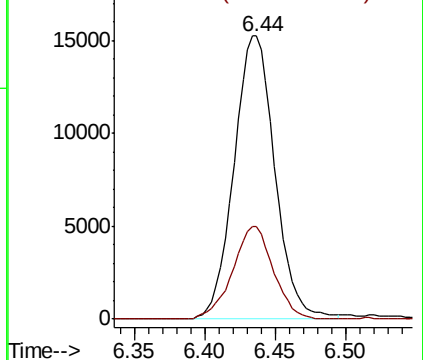
63 100

65 32.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 19.143 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

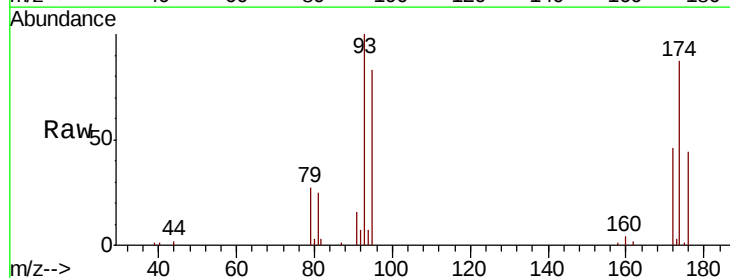
Tgt Ion: 93 Resp: 17784

Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

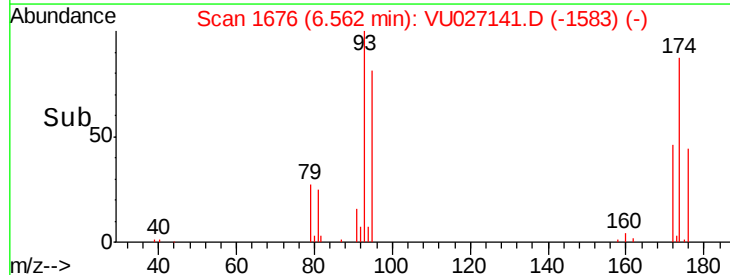
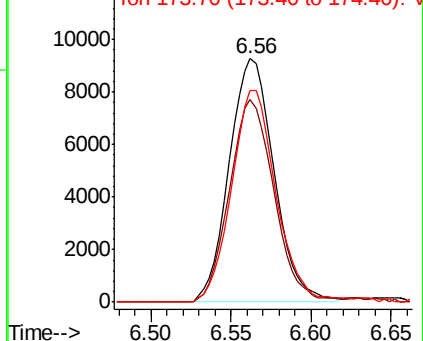
174 86.0 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

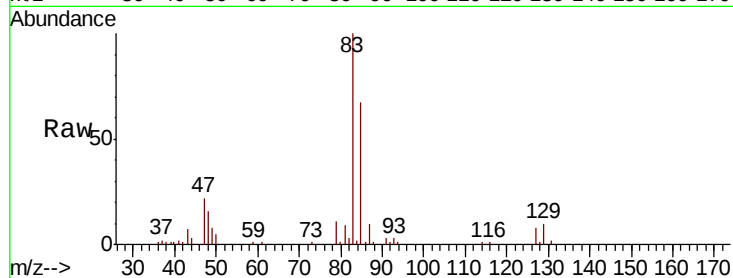




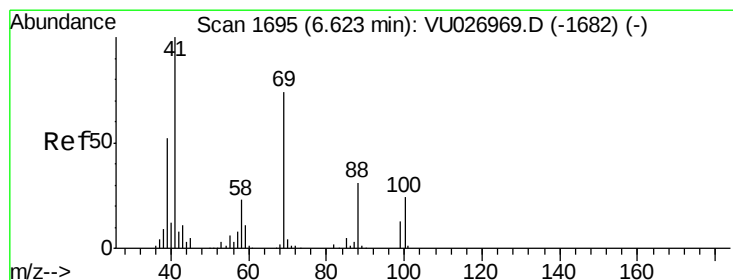
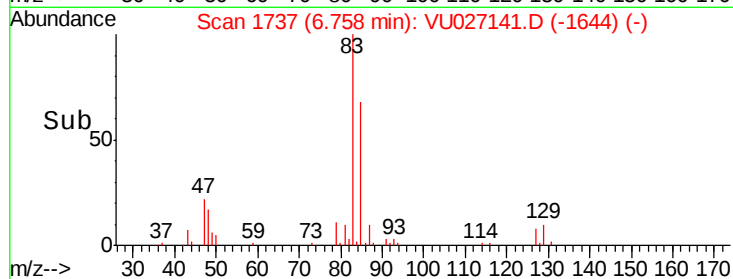
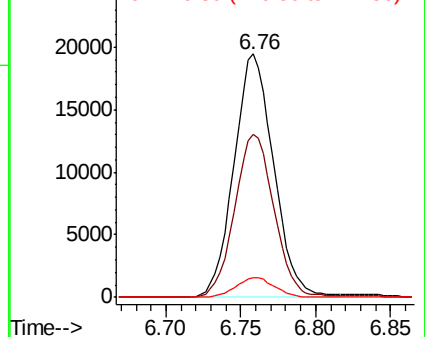
#47
Bromodichloromethane
Concen: 19.122 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 83 Resp: 35921
Ion Ratio Lower Upper
83 100
85 67.0 52.5 78.7
127 8.2 6.3 9.5

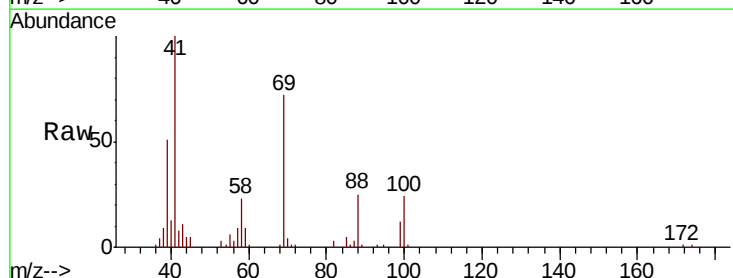


Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V

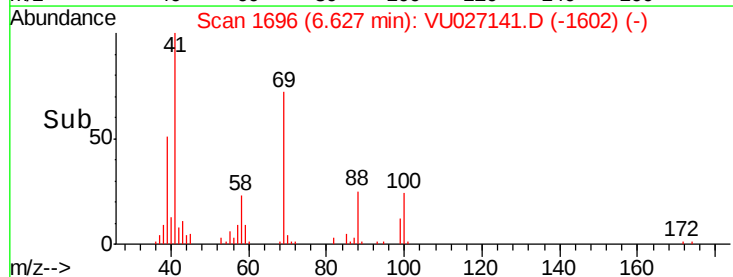
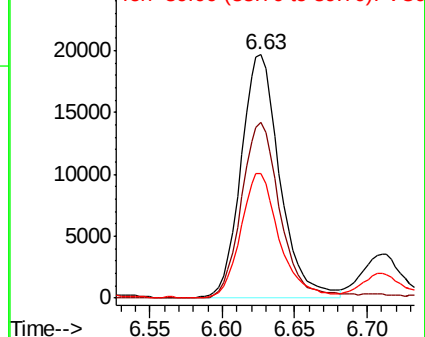


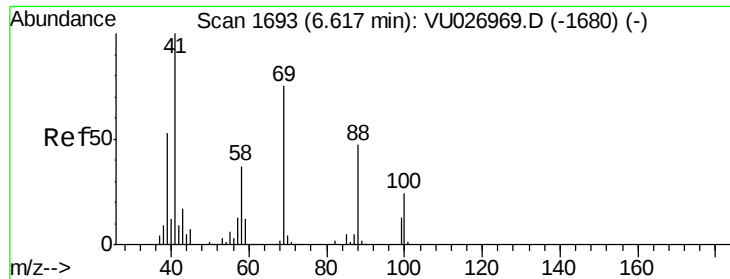
#48
Methyl methacrylate
Concen: 19.851 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 41 Resp: 36692
Ion Ratio Lower Upper
41 100
69 71.9 60.6 90.8
39 50.8 42.8 64.2



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

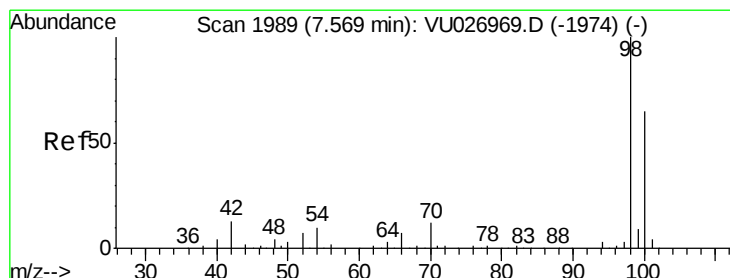
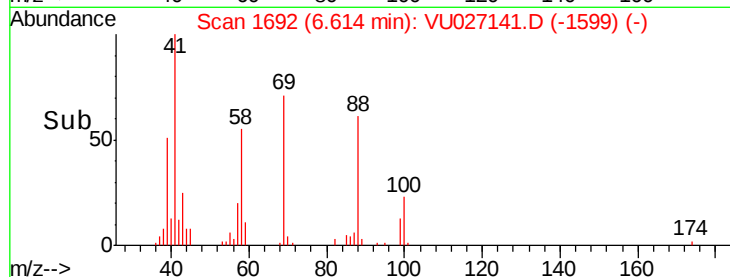
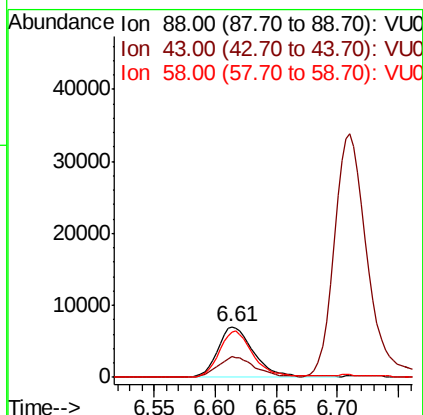
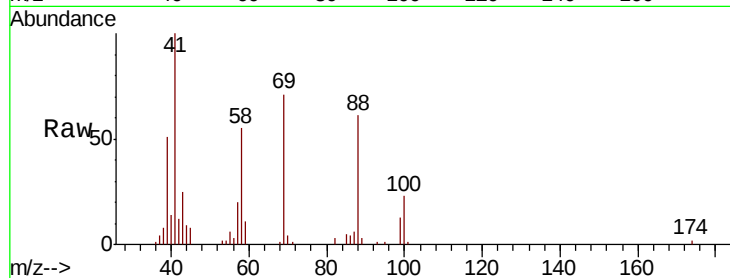




#49
1,4-Dioxane
Concen: 388.421 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

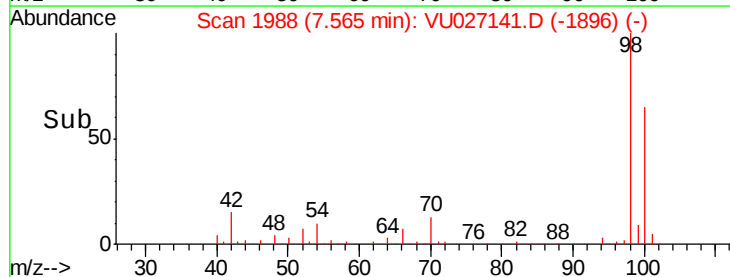
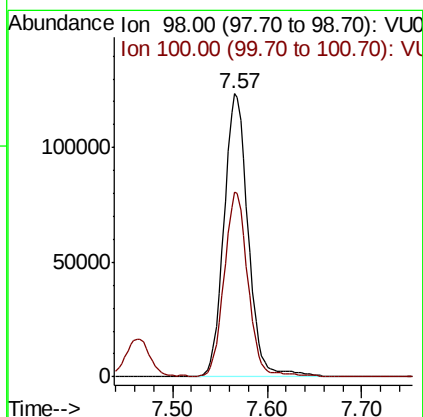
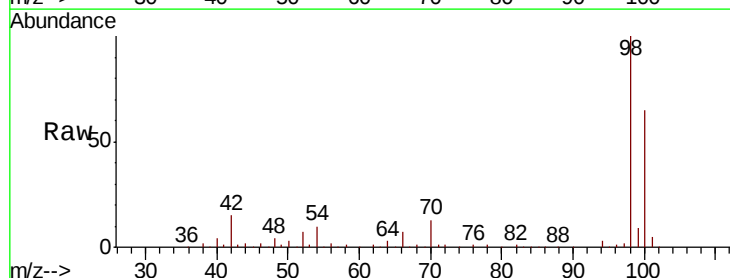
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 88 Resp: 14760
Ion Ratio Lower Upper
88 100
43 40.8 29.8 44.8
58 85.8 63.9 95.9



#50
Toluene-d8
Concen: 50.041 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 98 Resp: 219960
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 111.534 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

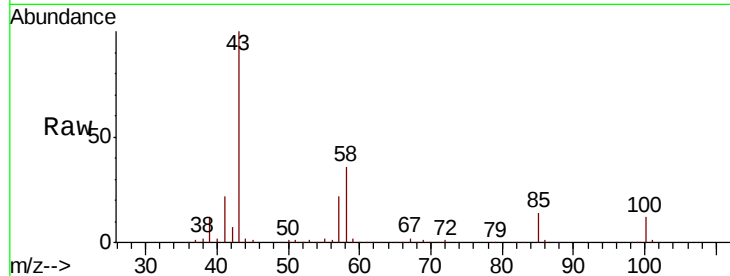
VU0926WBS01

Tot Ion: 43 Resp: 262997

Ion Ratio Lower Upper

43 100

58 35.4 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

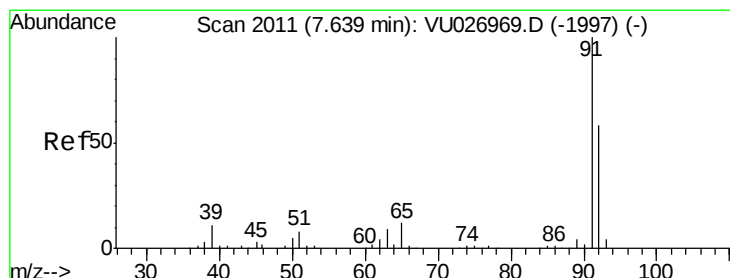
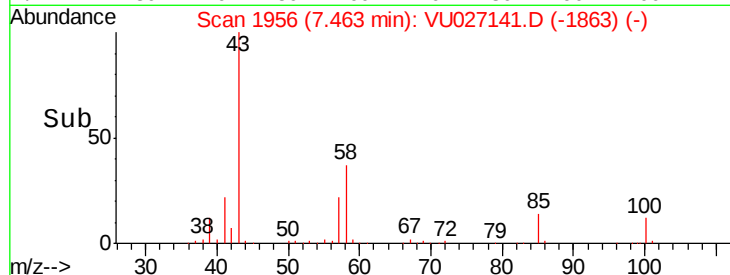
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.572 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027141.D

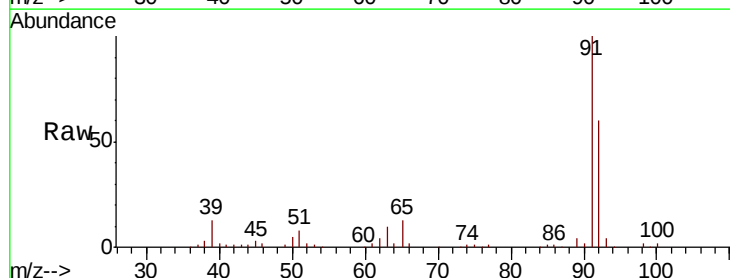
Acq: 25 Sep 2018 21:26

Tgt Ion: 92 Resp: 60566

Ion Ratio Lower Upper

92 100

91 173.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

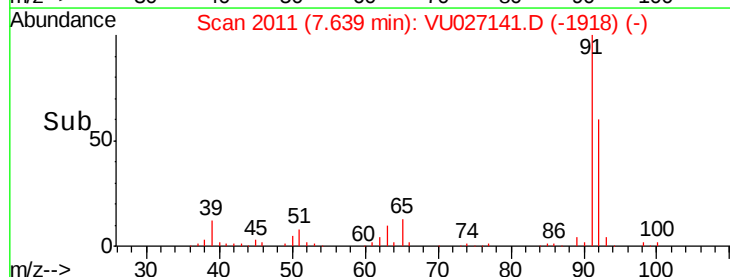
60000

40000

20000

0

Time-->

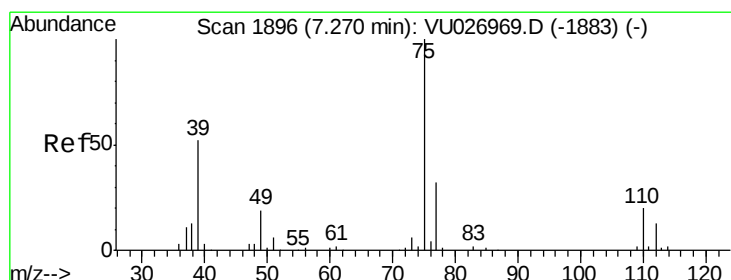
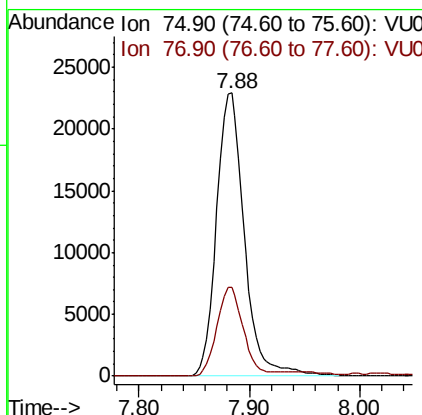
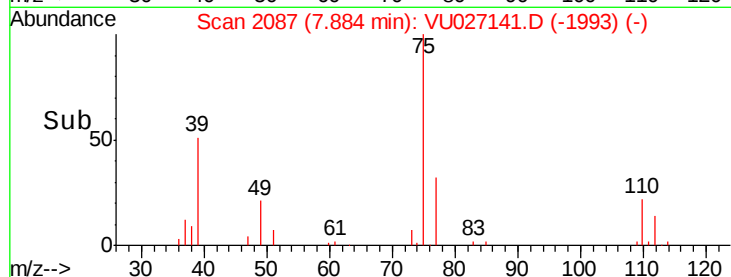
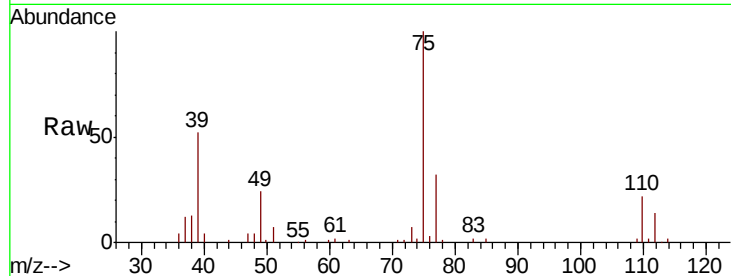




#53
 t-1,3-Dichloropropene
 Concen: 19.834 ug/l
 RT: 7.88 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

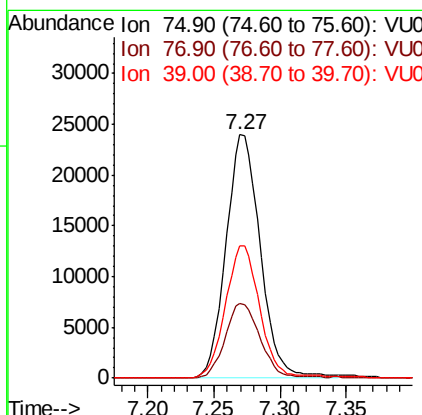
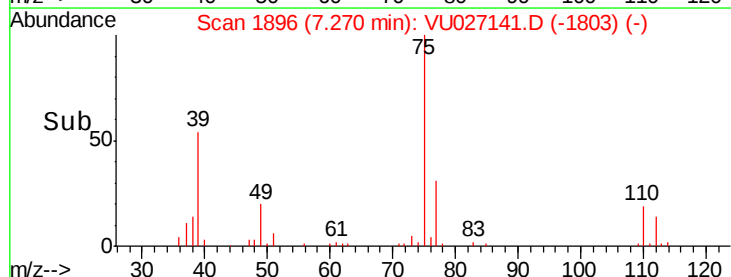
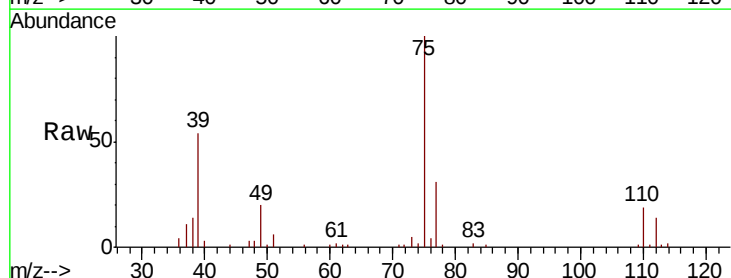
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

Tot Ion: 75 Resp: 40031
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.478 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion: 75 Resp: 43226
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 54.4 41.6 62.4

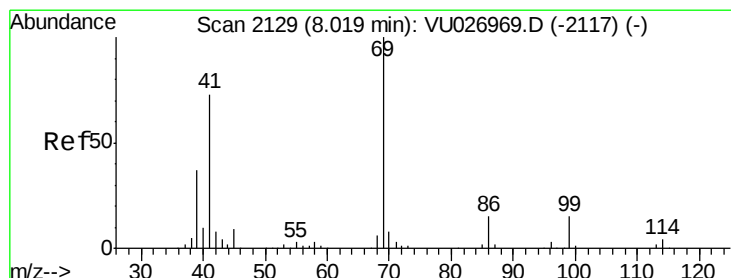
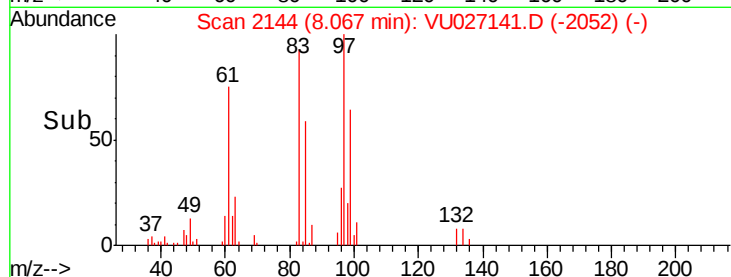
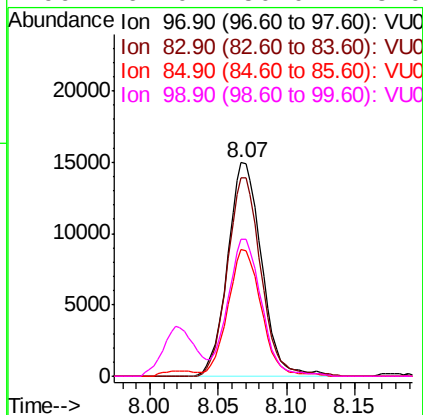
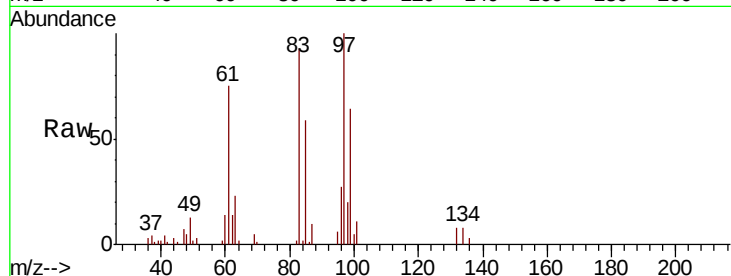




#55
 1,1,2-Trichloroethane
 Concen: 19.815 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

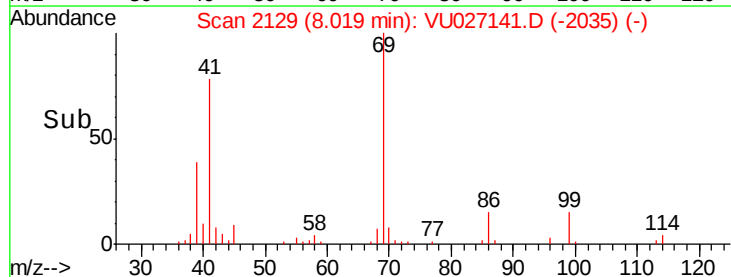
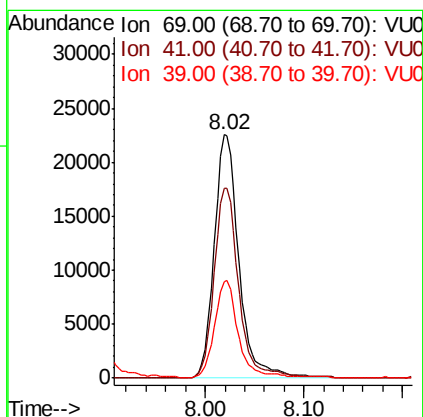
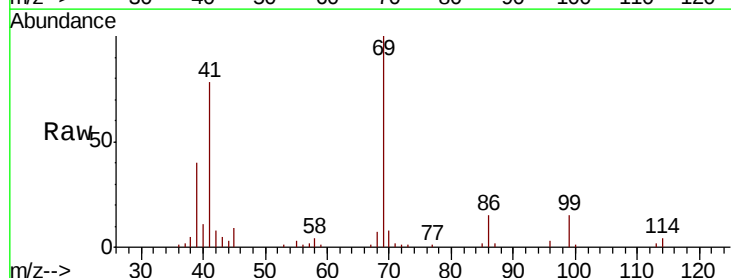
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

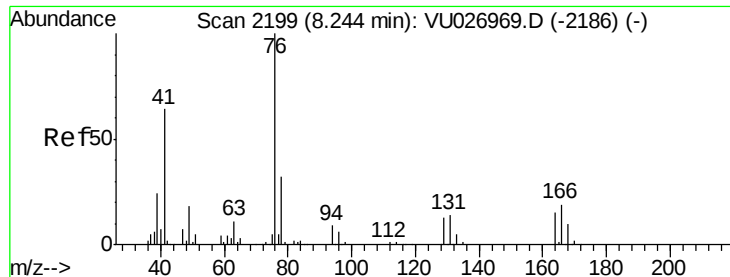
Tot Ion:	97	Resp:	25981
Ion	Ratio	Lower	Upper
97	100		
83	92.8	73.1	109.7
85	59.2	46.7	70.1
99	64.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.847 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion:	69	Resp:	39626
Ion	Ratio	Lower	Upper
69	100		
41	78.1	59.0	88.4
39	37.6	30.2	45.4





#57

1,3-Dichloropropane

Concen: 20.196 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

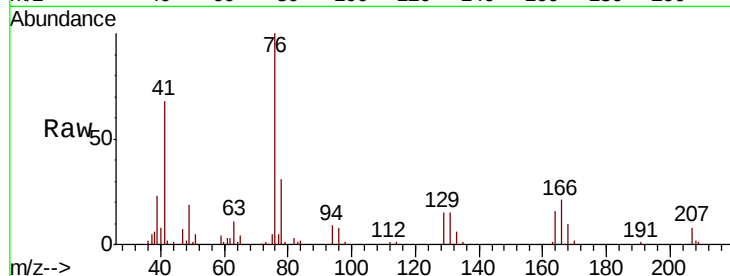
VU0926WBS01

Tot Ion: 76 Resp: 49253

Ion Ratio Lower Upper

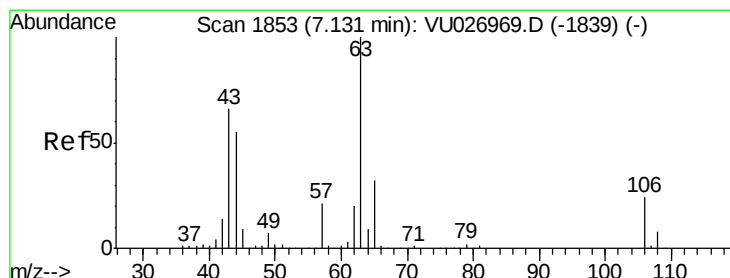
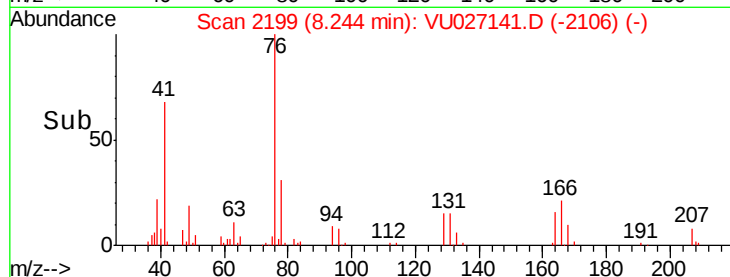
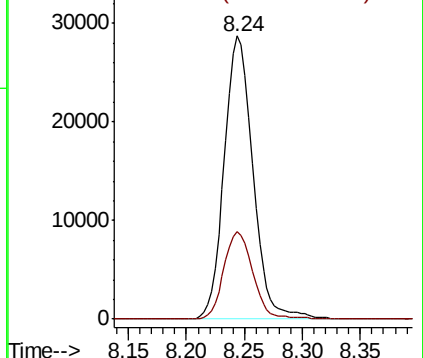
76 100

78 31.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 95.563 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VU027141.D

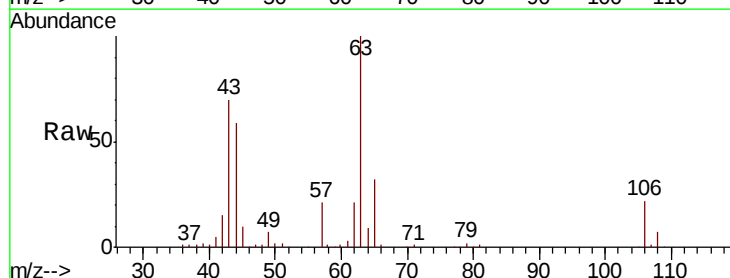
Acq: 25 Sep 2018 21:26

Tgt Ion: 63 Resp: 119431

Ion Ratio Lower Upper

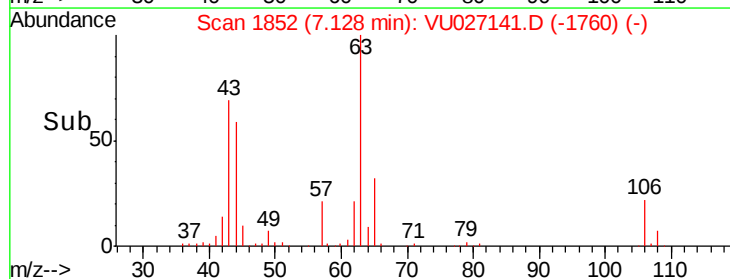
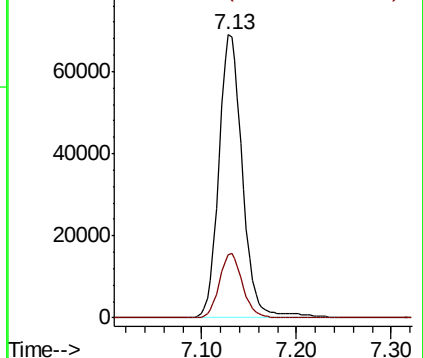
63 100

106 22.2 18.7 28.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

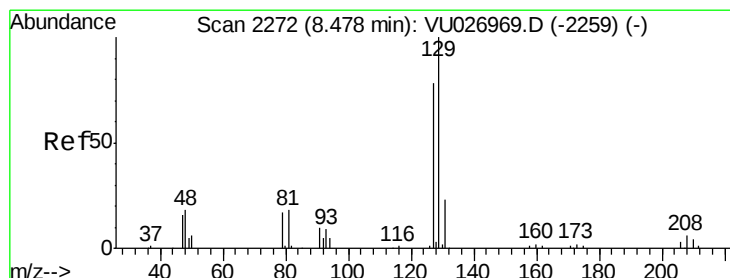
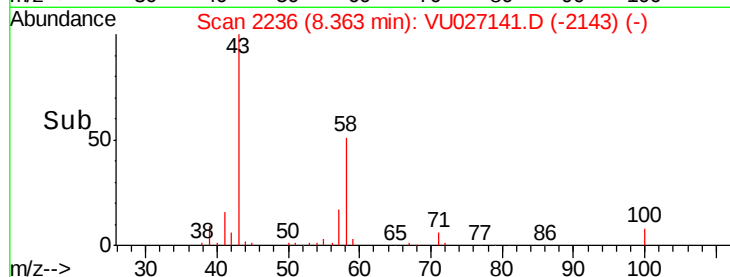
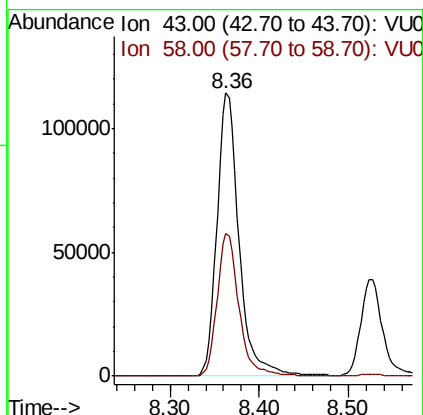
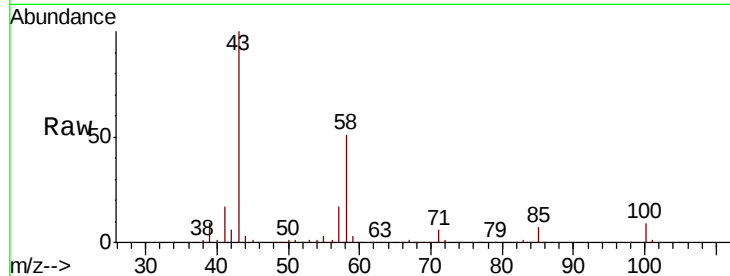




#59
2-Hexanone
Concen: 106.484 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

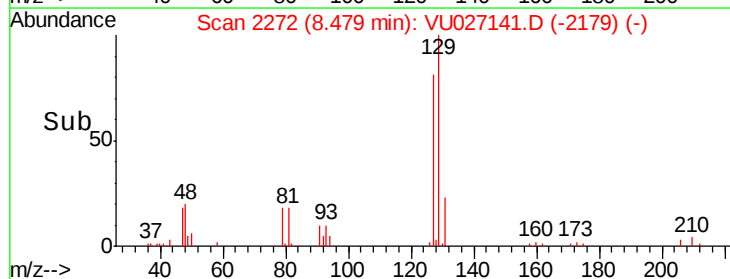
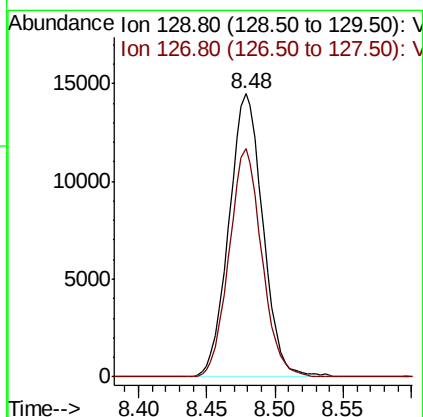
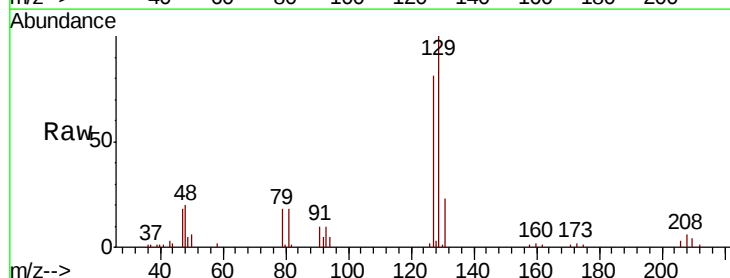
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 43 Resp: 196546
Ion Ratio Lower Upper
43 100
58 49.7 26.1 78.2



#60
Dibromochloromethane
Concen: 19.482 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion:129 Resp: 25057
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 18.979 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

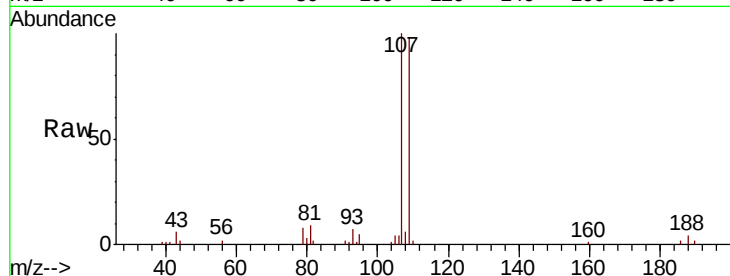
VU0926WBS01

Tot Ion:107 Resp: 25892

Ion Ratio Lower Upper

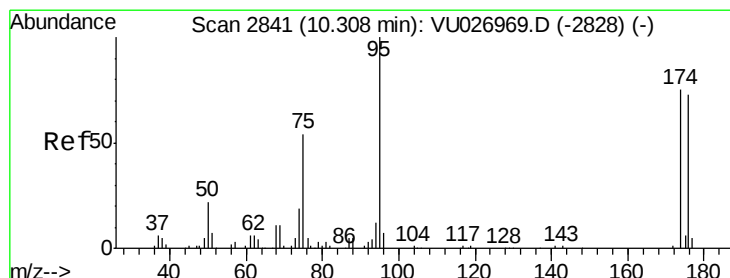
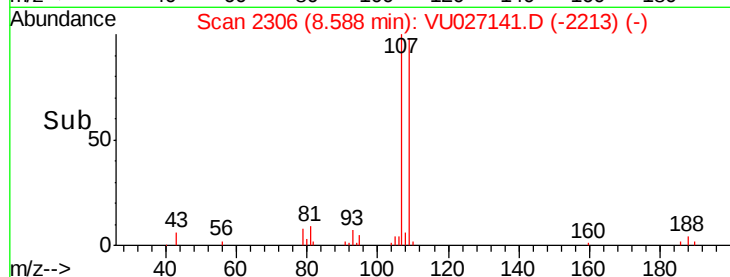
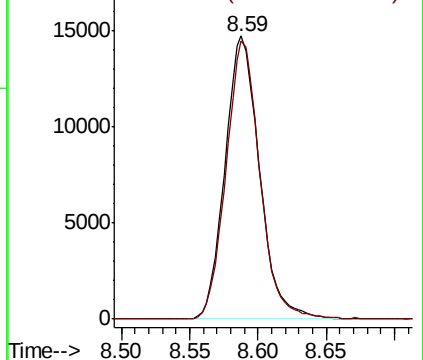
107 100

109 96.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.043 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

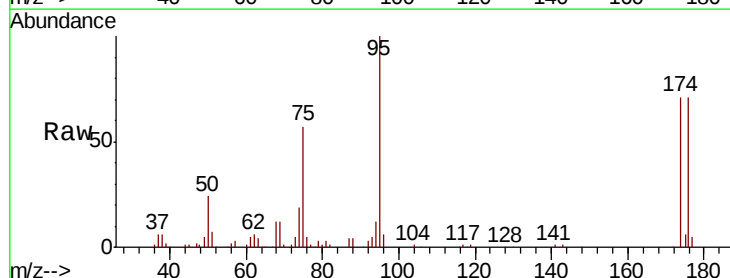
Tgt Ion: 95 Resp: 76986

Ion Ratio Lower Upper

95 100

174 70.6 0.0 150.2

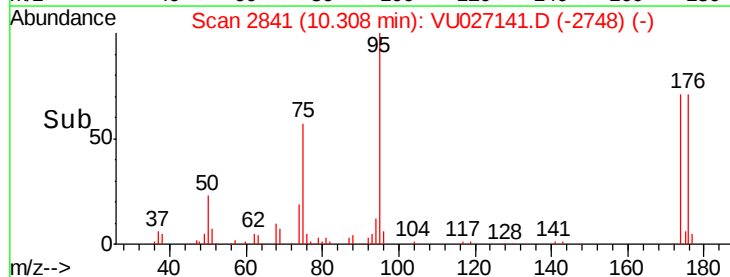
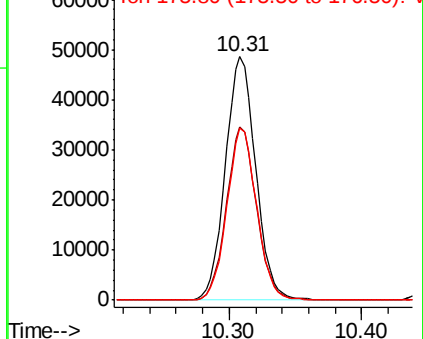
176 69.3 0.0 145.2

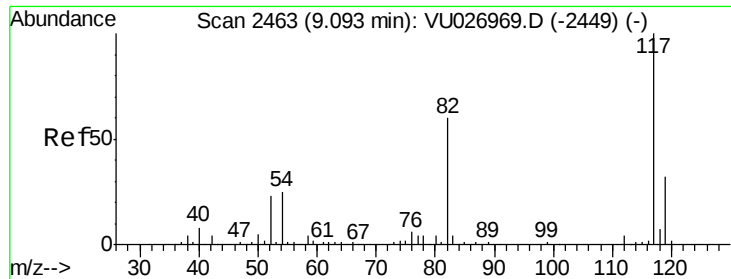


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

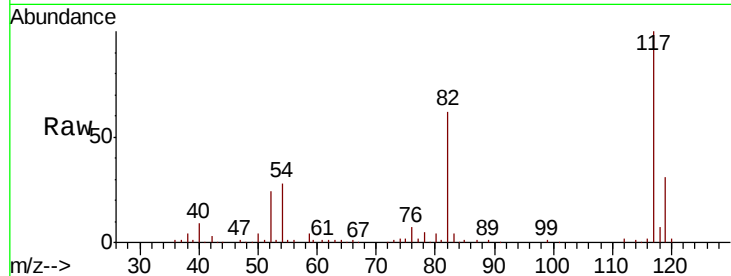




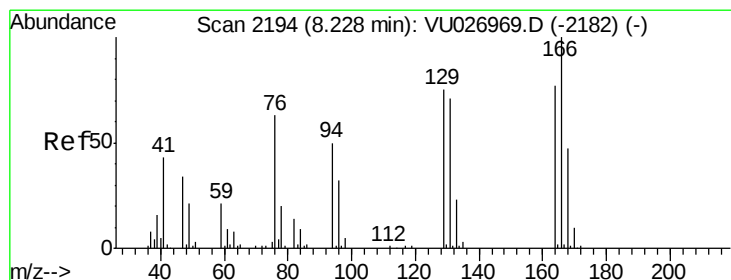
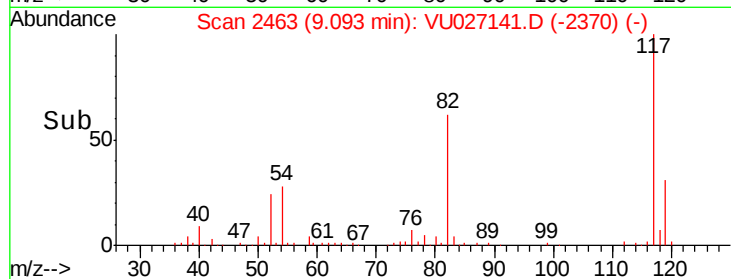
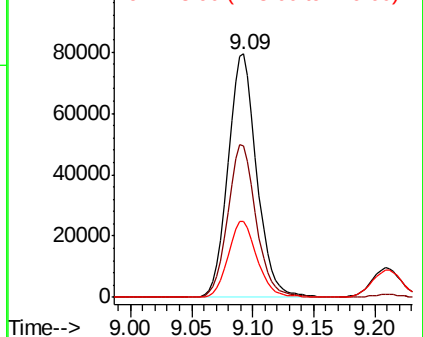
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion:117 Resp: 130582
Ion Ratio Lower Upper
117 100
82 62.0 48.0 72.0
119 31.2 25.8 38.8

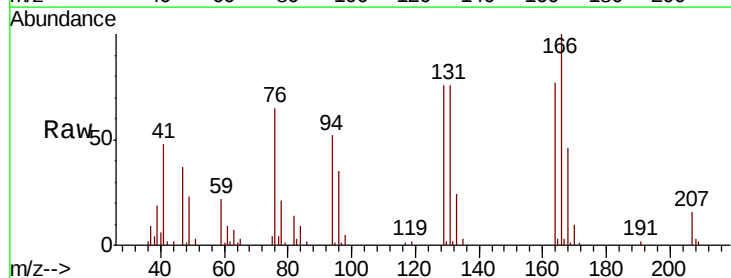


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

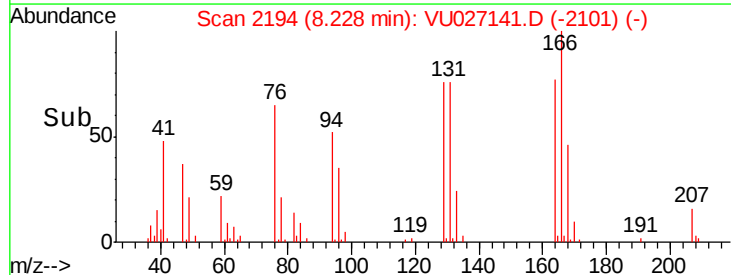
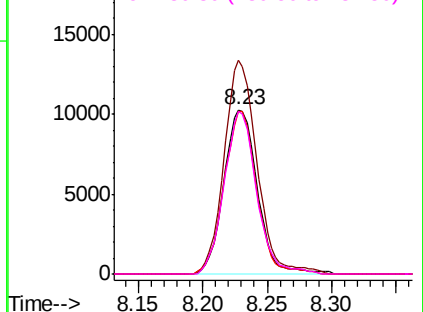


#64
Tetrachloroethene
Concen: 18.397 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion:164 Resp: 18512
Ion Ratio Lower Upper
164 100
166 130.4 104.4 156.6
129 98.9 78.7 118.1
131 99.0 73.9 110.9



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

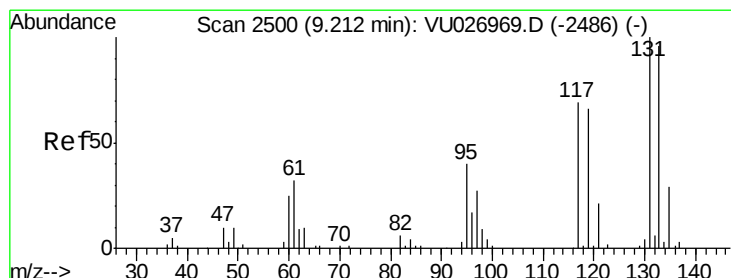
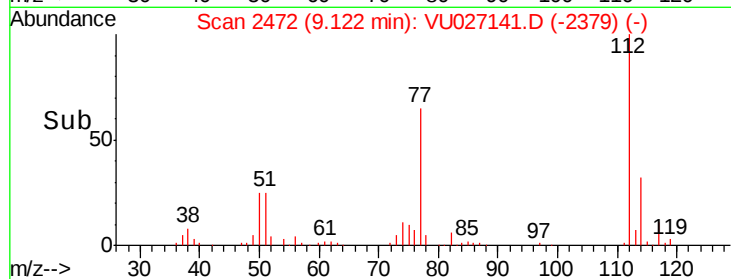
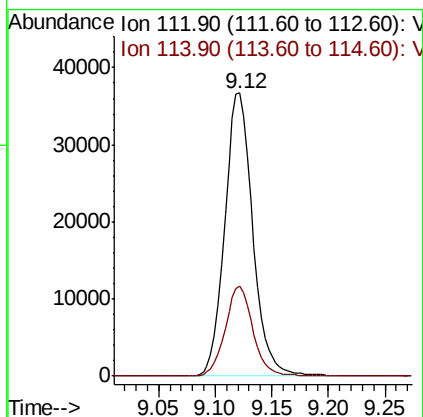
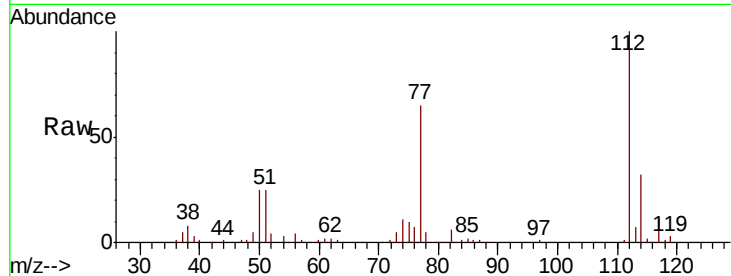




#65
Chlorobenzene
Concen: 18.309 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

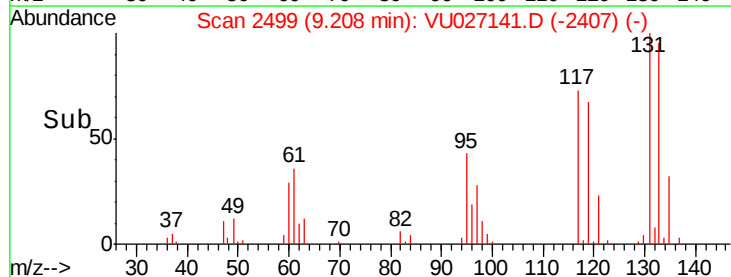
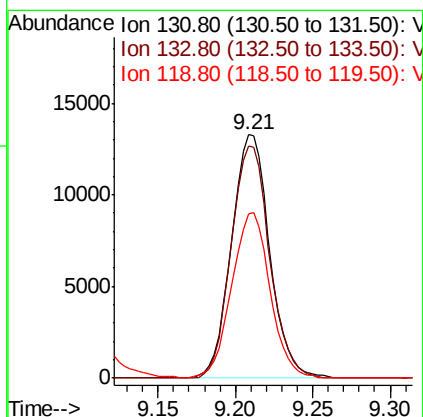
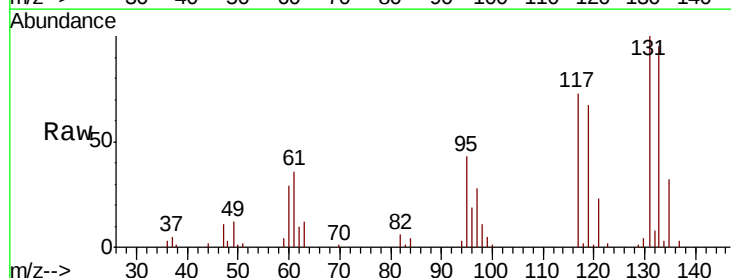
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

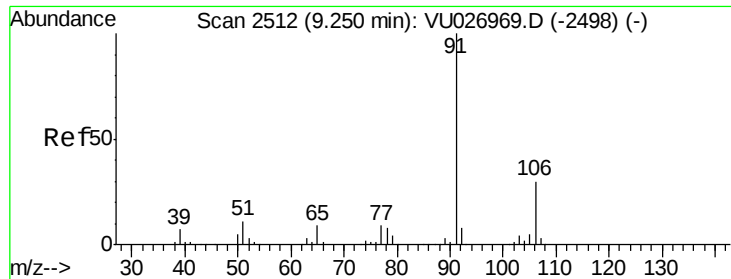
Tot Ion:112 Resp: 63392
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.073 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion:131 Resp: 22746
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 68.4 33.4 100.1

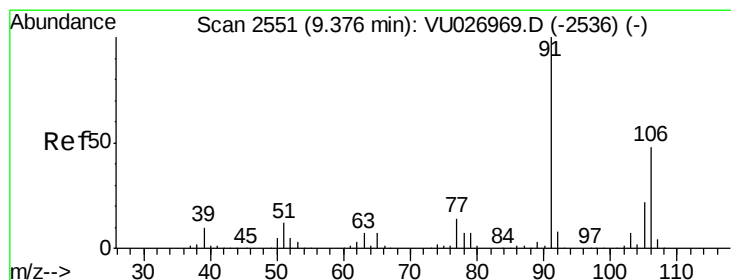
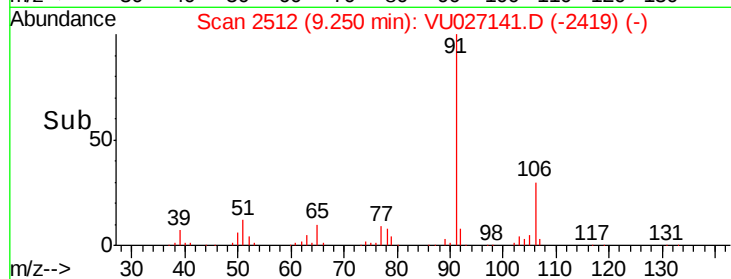
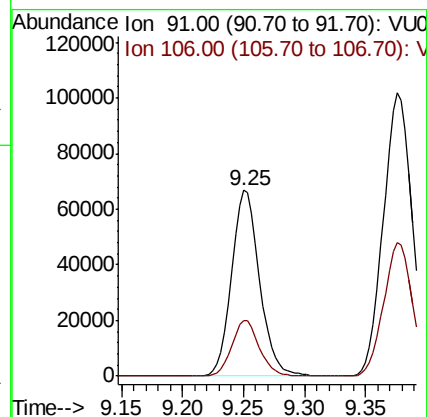
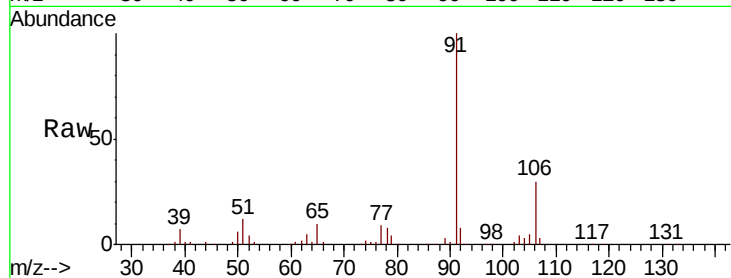




#67
Ethyl Benzene
Concen: 18.868 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

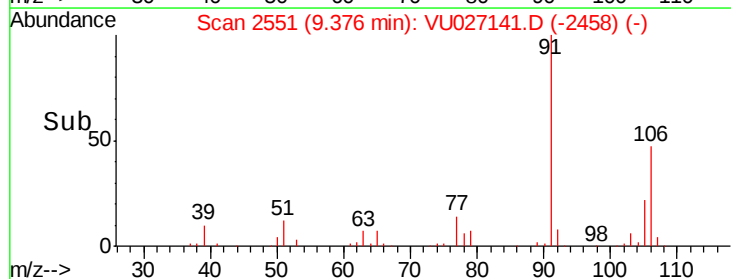
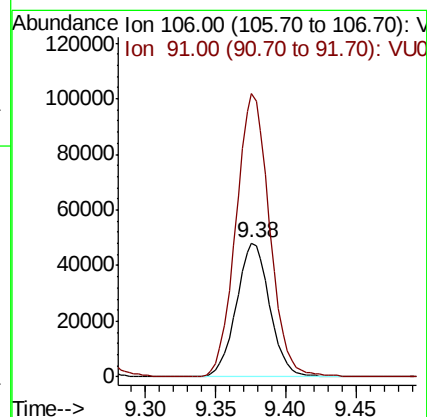
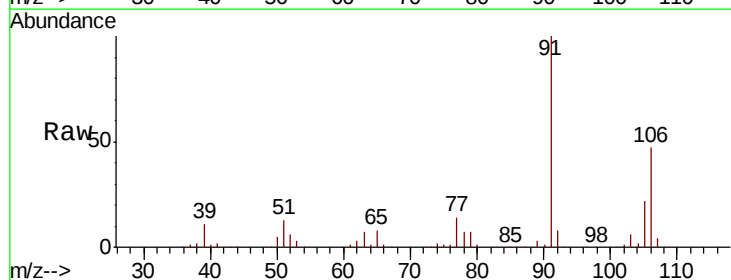
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 91 Resp: 107427
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.8



#68
m/p-Xylenes
Concen: 35.561 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 106 Resp: 79733
Ion Ratio Lower Upper
106 100
91 214.2 166.5 249.7

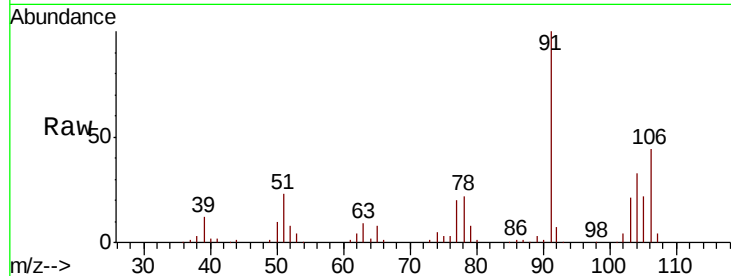




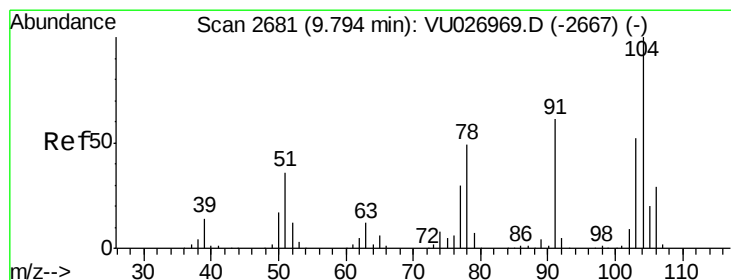
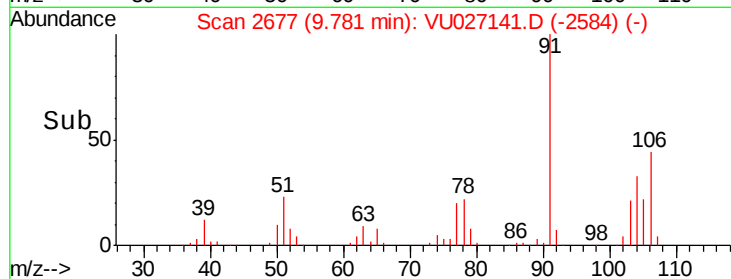
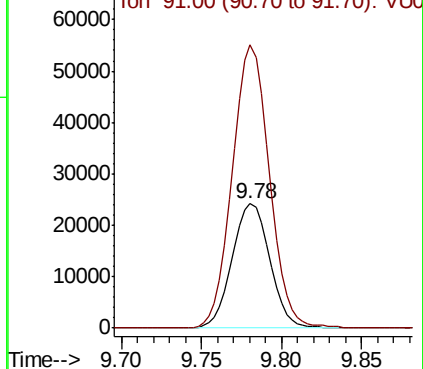
#69
o-Xylene
Concen: 19.193 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion:106 Resp: 38717
Ion Ratio Lower Upper
106 100
91 224.8 110.2 330.6

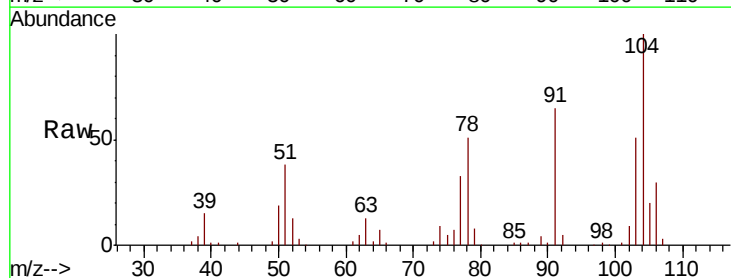


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

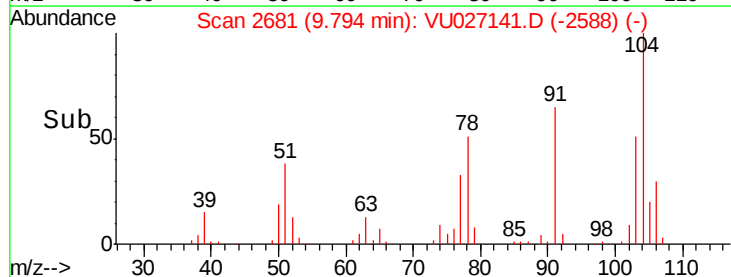
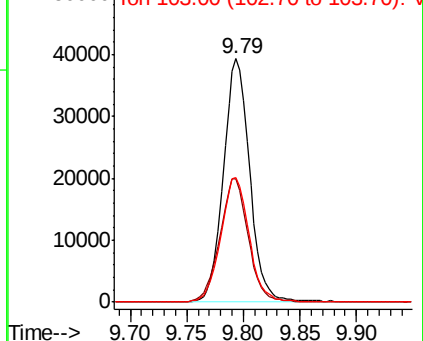


#70
Styrene
Concen: 18.085 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion:104 Resp: 63606
Ion Ratio Lower Upper
104 100
78 54.7 43.0 64.4
103 55.1 44.1 66.1



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





#71

Bromoform

Concen: 19.529 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS01

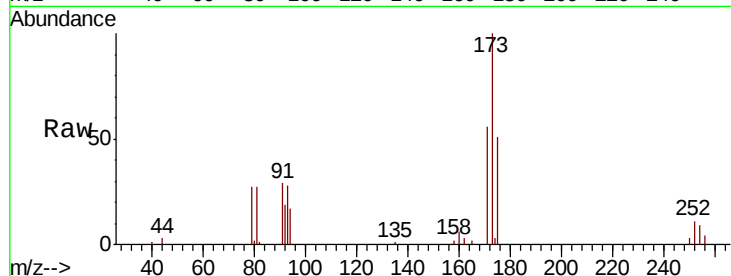
Tot Ion:173 Resp: 18010

Ion Ratio Lower Upper

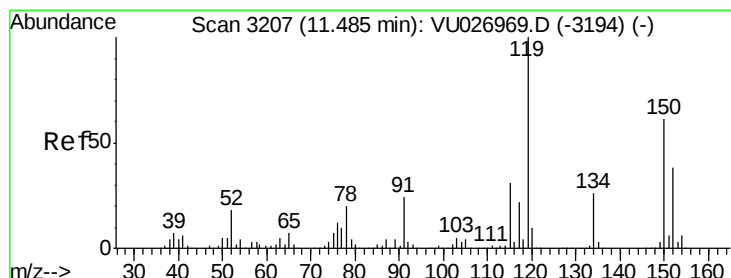
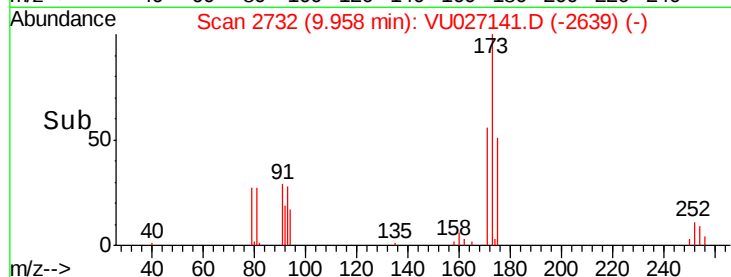
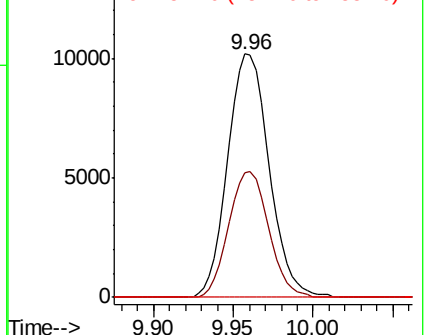
173 100

175 49.5 23.9 71.8

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# 3207

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

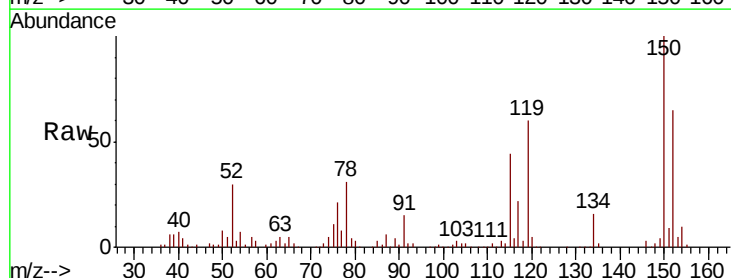
Tgt Ion:152 Resp: 68623

Ion Ratio Lower Upper

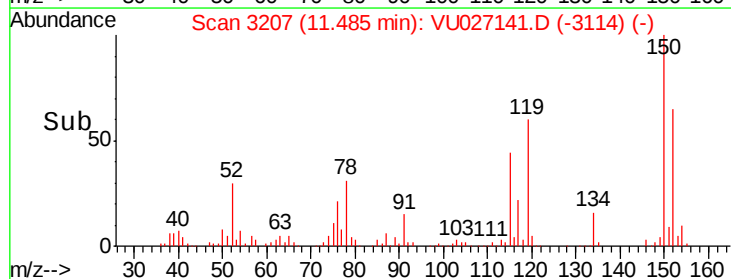
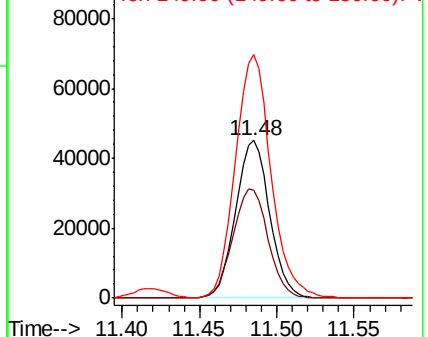
152 100

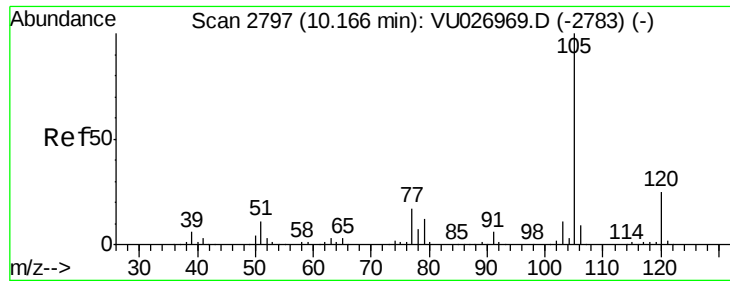
115 72.1 44.9 134.5

150 163.2 0.0 355.8



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: 20.088 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

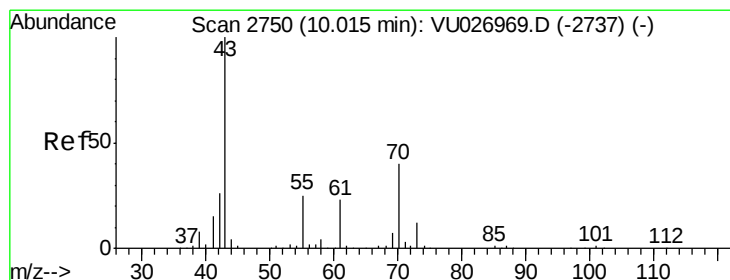
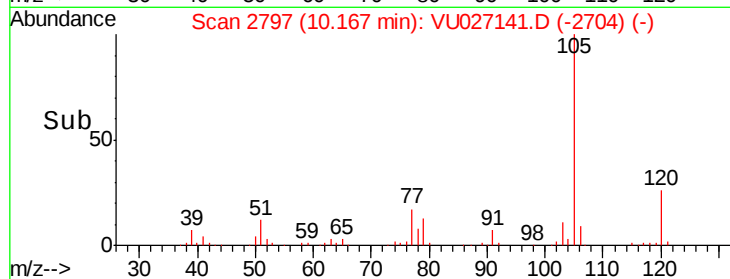
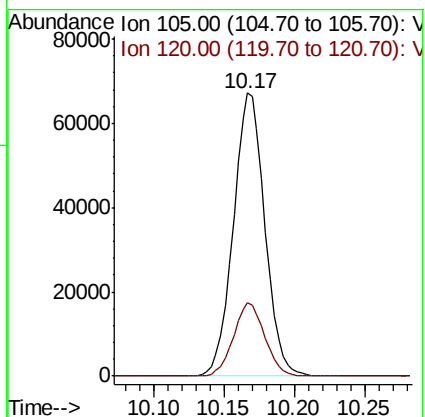
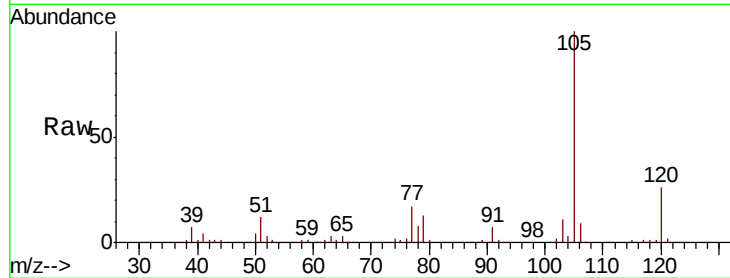
VU0926WBS01

Tot Ion:105 Resp: 104859

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 20.620 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Tgt Ion: 43 Resp: 62305

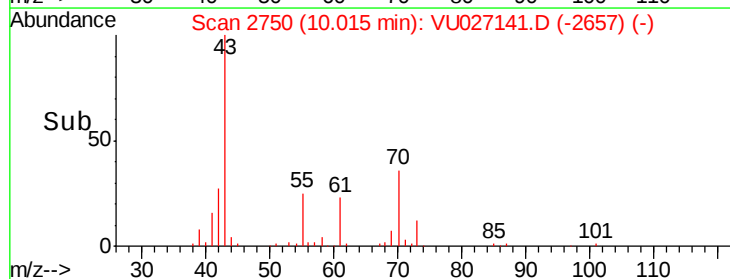
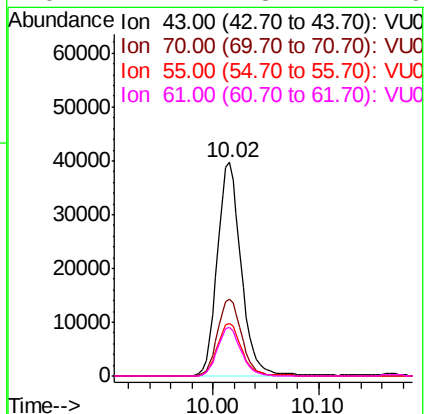
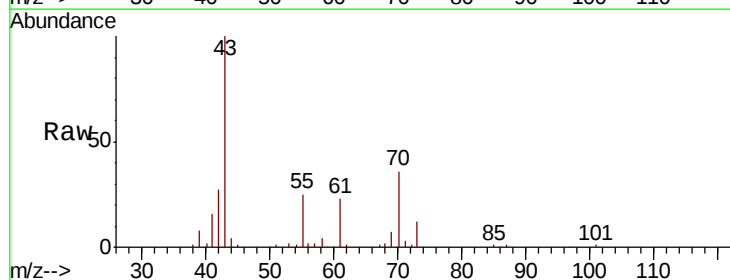
Ion Ratio Lower Upper

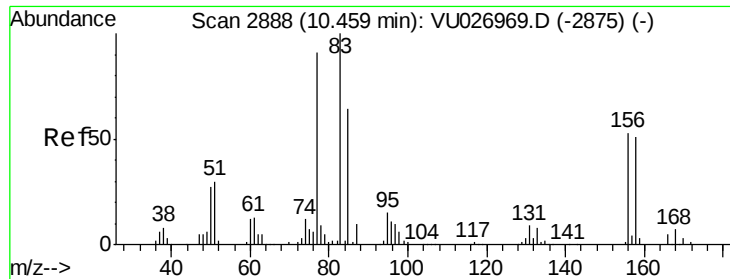
43 100

70 36.3 31.8 47.8

55 24.7 19.9 29.9

61 22.2 18.4 27.6

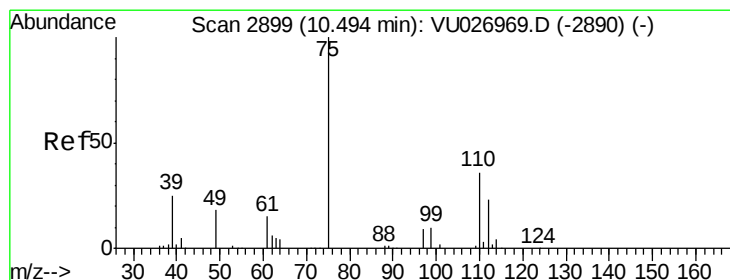
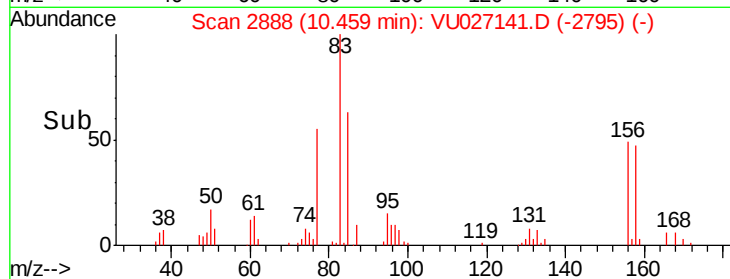
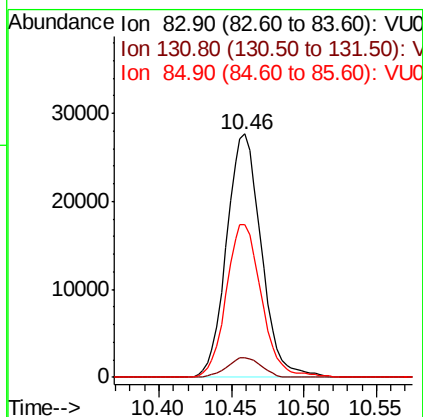
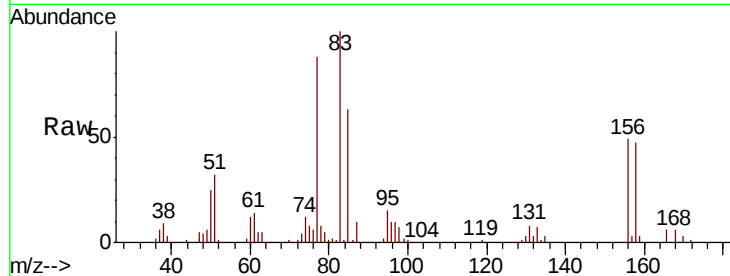




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.101 ug/l
 RT: 10.46 min Scan# 2888
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

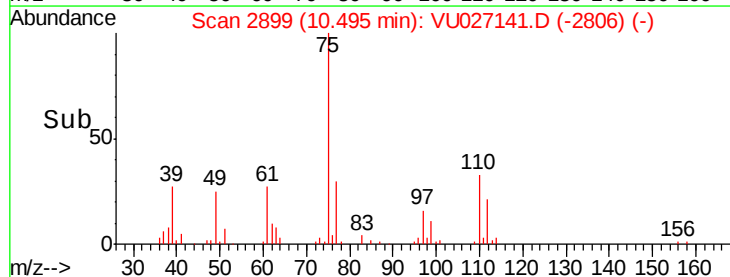
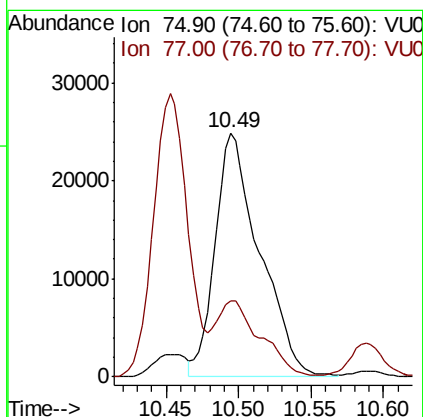
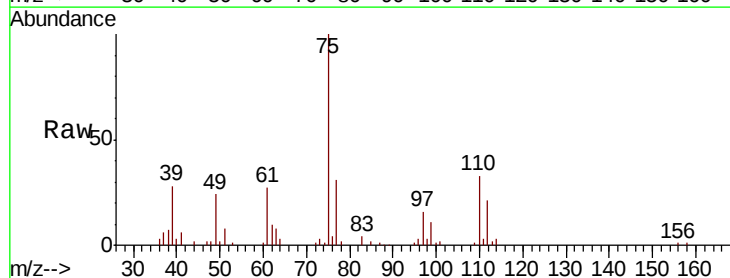
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

Tot Ion: 83 Resp: 45844
 Ion Ratio Lower Upper
 83 100
 131 7.9 4.3 12.8
 85 63.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 25.498 ug/l
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion: 75 Resp: 53157
 Ion Ratio Lower Upper
 75 100
 77 29.6 20.9 62.8





#77

Bromobenzene

Concen: 19.087 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS01

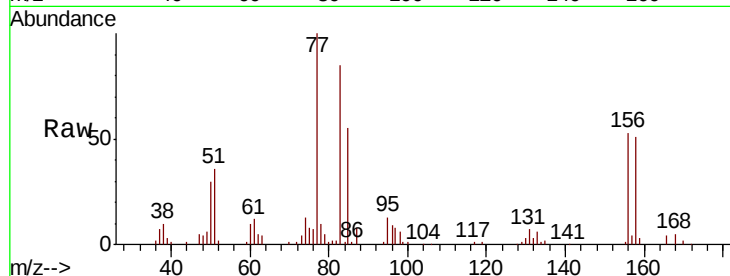
Tot Ion:156 Resp: 24348

Ion Ratio Lower Upper

156 100

77 195.5 92.3 276.9

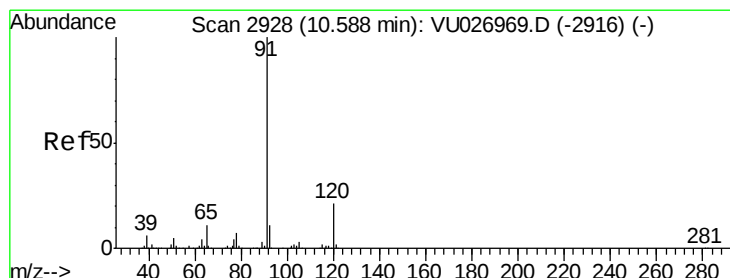
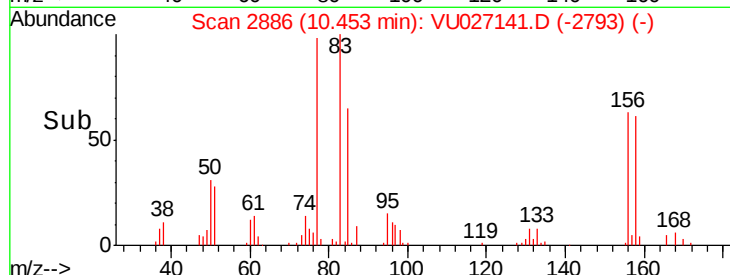
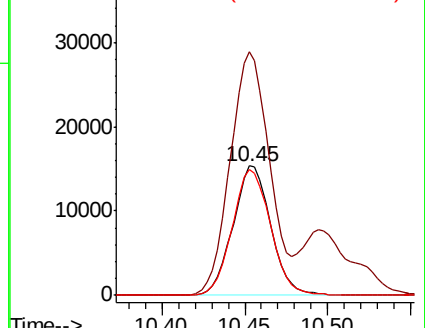
158 98.4 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.190 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027141.D

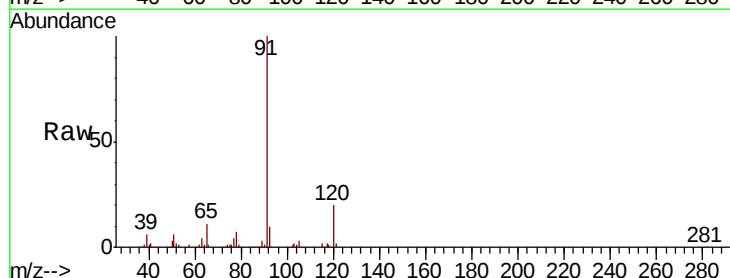
Acq: 25 Sep 2018 21:26

Tgt Ion: 91 Resp: 124705

Ion Ratio Lower Upper

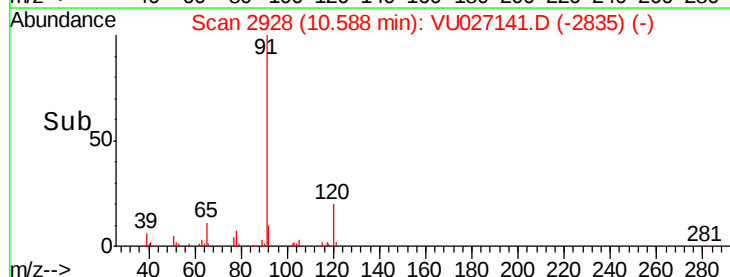
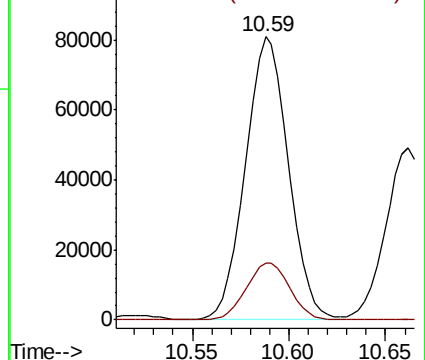
91 100

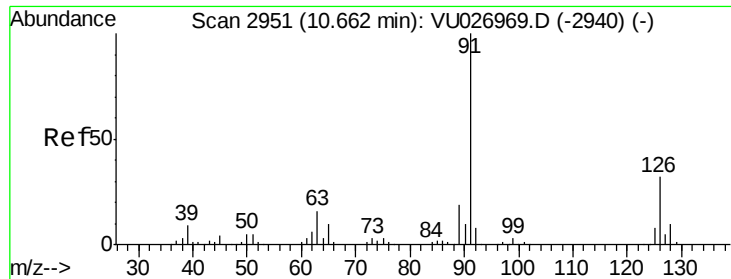
120 20.3 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

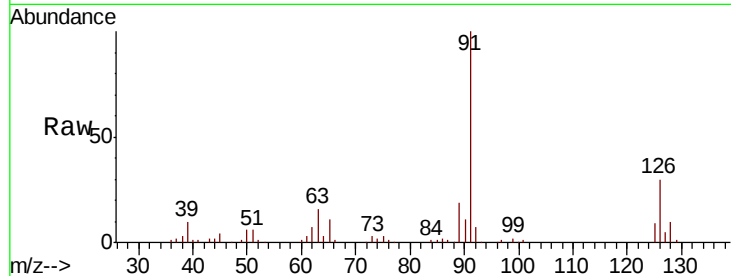




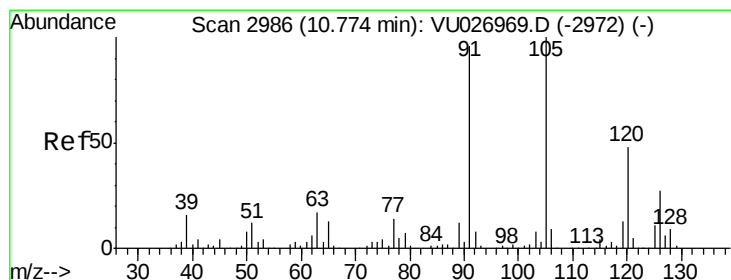
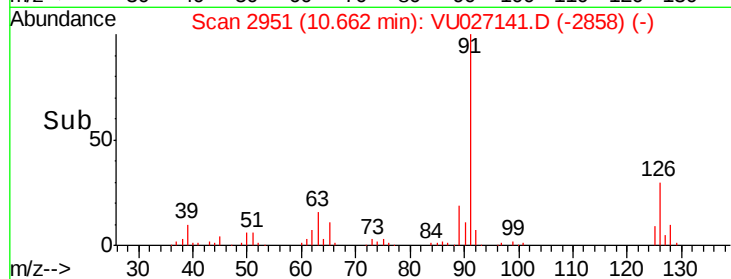
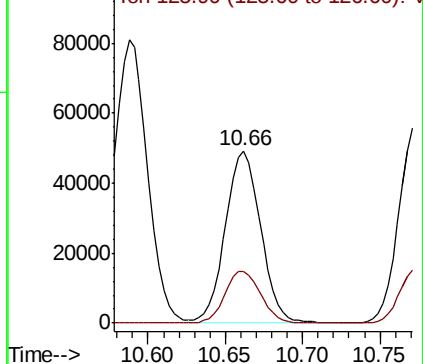
#79
 2-Chlorotoluene
 Concen: 19.996 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

Tot Ion: 91 Resp: 77578
 Ion Ratio Lower Upper
 91 100
 126 30.6 15.8 47.3

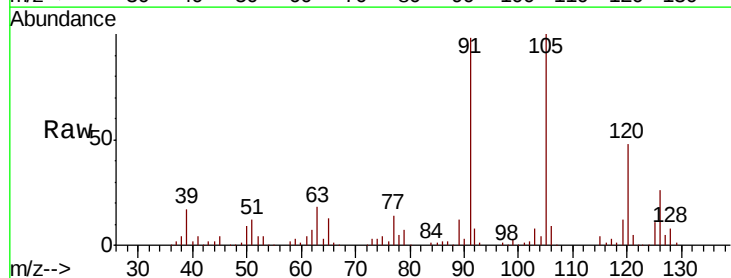


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)
 Ion 125.90 (125.60 to 126.60): VU026969.D (-2940) (-)

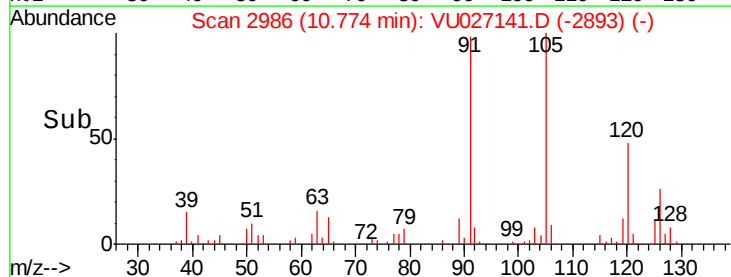
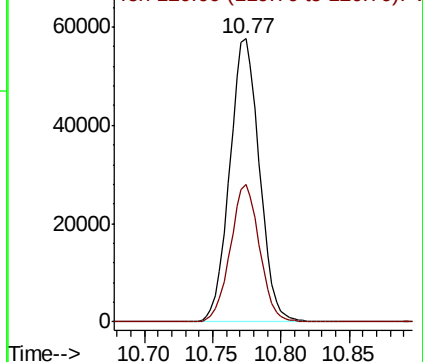


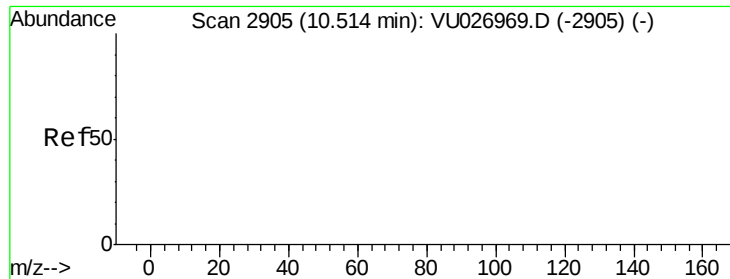
#80
 1,3,5-Trimethylbenzene
 Concen: 20.230 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion: 105 Resp: 87173
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026969.D (-2972) (-)
 Ion 120.00 (119.70 to 120.70): VU026969.D (-2972) (-)

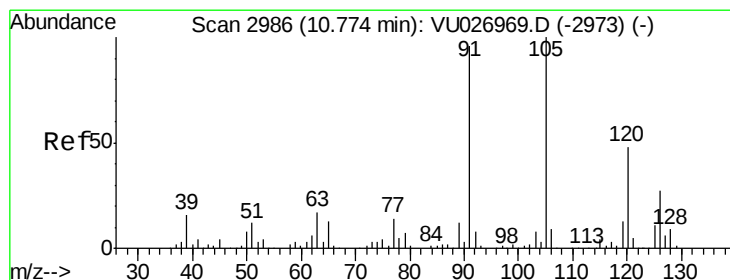
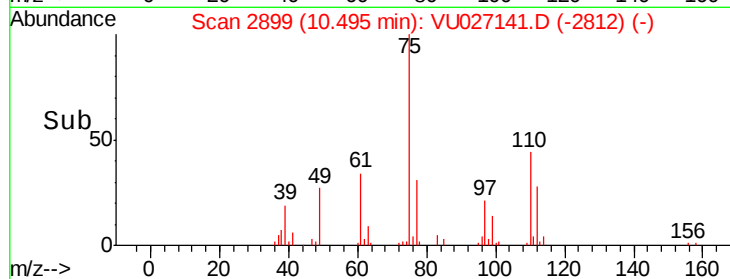
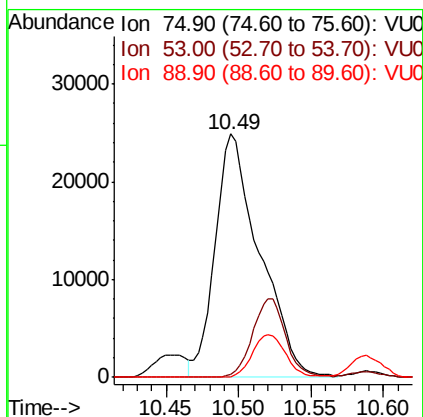
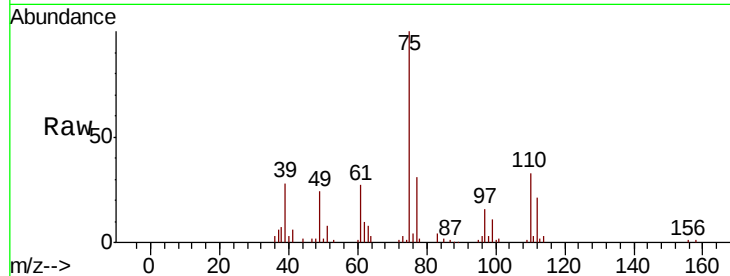




#81
trans-1,4-Dichloro-2-butene
Concen: 81.598 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

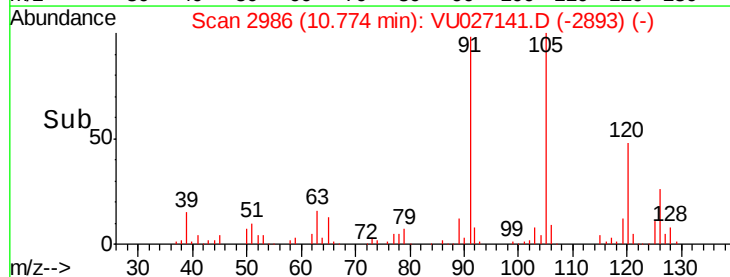
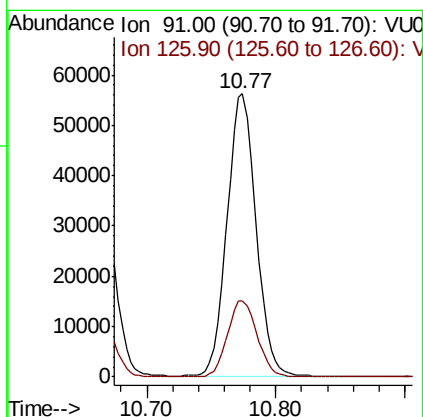
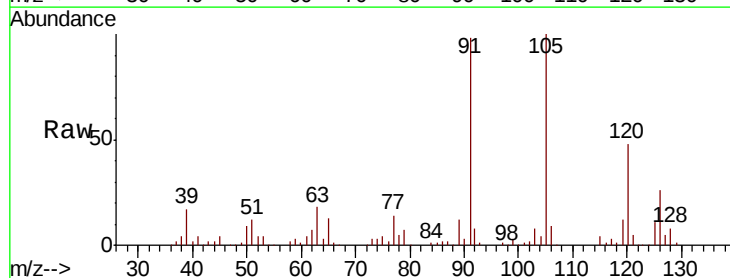
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion: 75 Resp: 53157
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.101 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 91 Resp: 87443
Ion Ratio Lower Upper
91 100
126 27.6 14.1 42.2

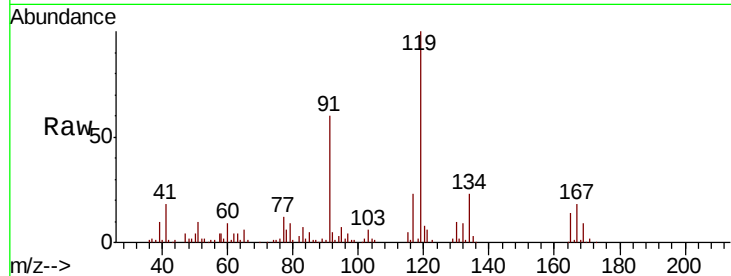




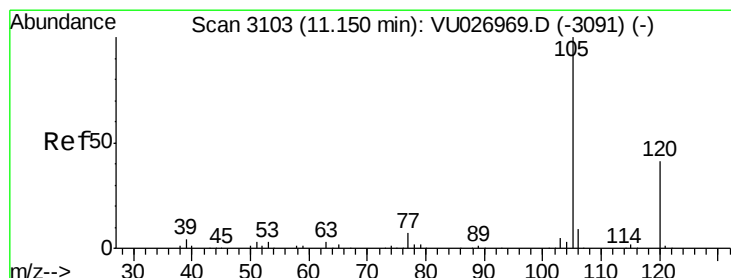
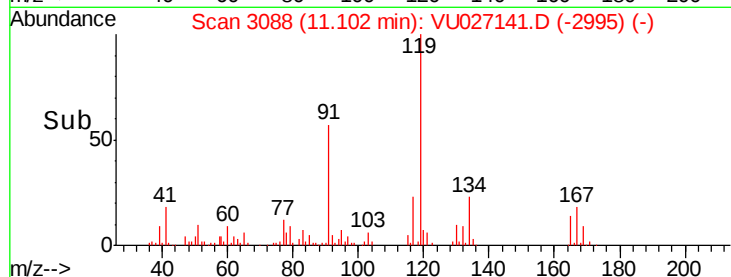
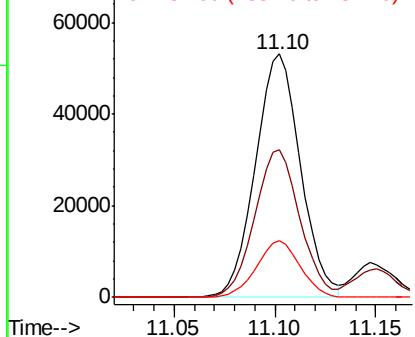
#83
tert-Butylbenzene
Concen: 19.452 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

Tot Ion:119 Resp: 82868
Ion Ratio Lower Upper
119 100
91 60.5 29.8 89.4
134 22.5 11.5 34.4

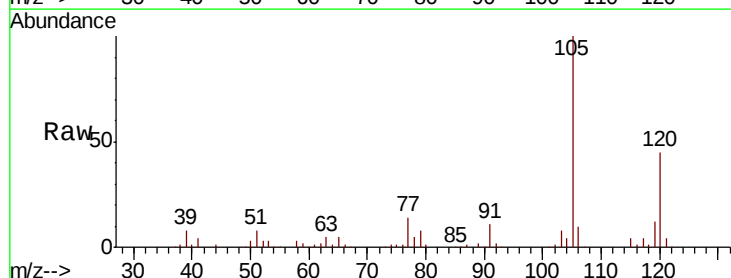


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU0
Ion 134.00 (133.70 to 134.70): V

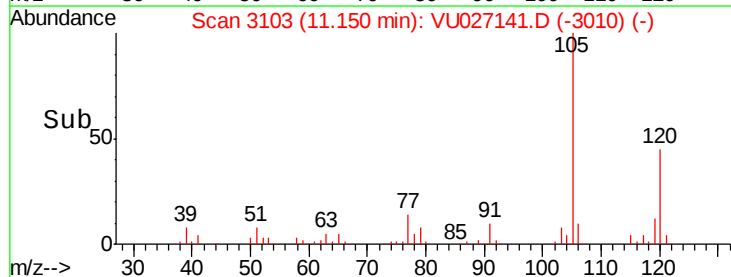
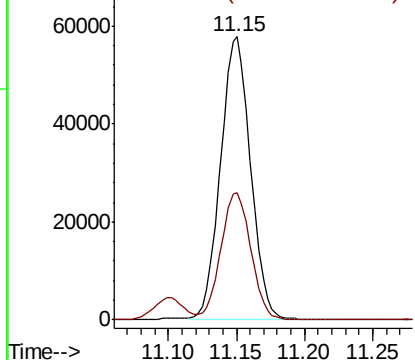


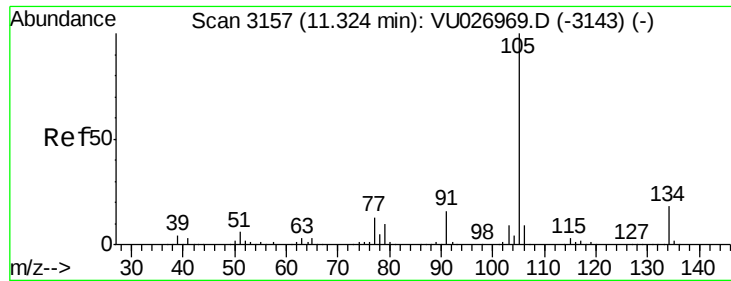
#84
1,2,4-Trimethylbenzene
Concen: 20.243 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion:105 Resp: 88769
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.2



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

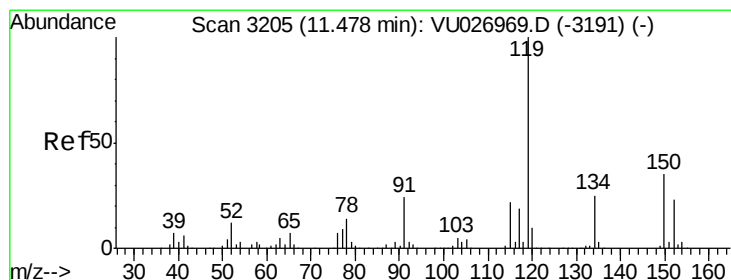
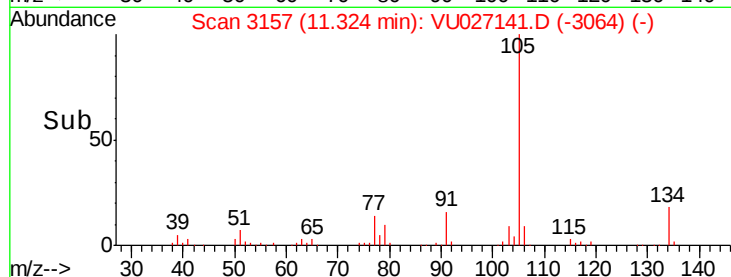
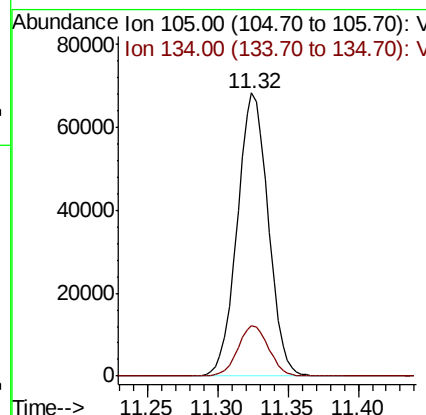
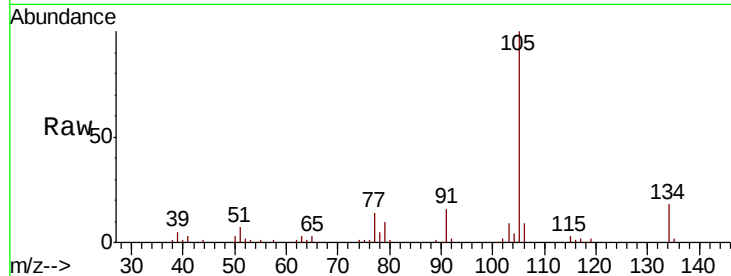




#85
 sec-Butylbenzene
 Concen: 20.232 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

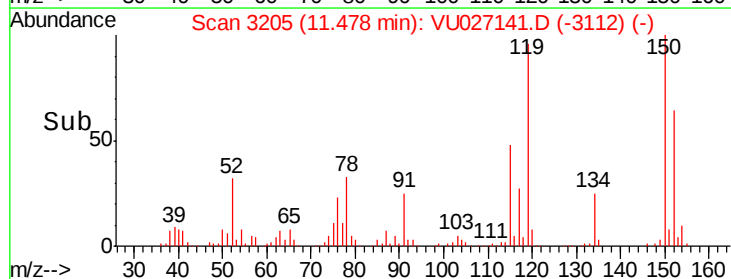
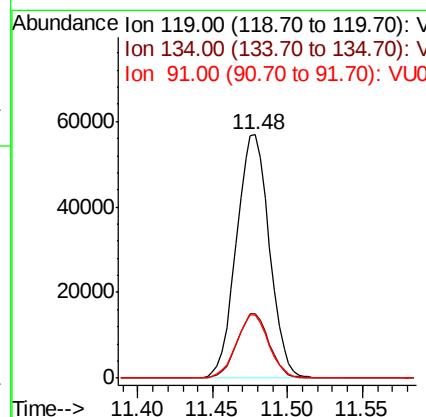
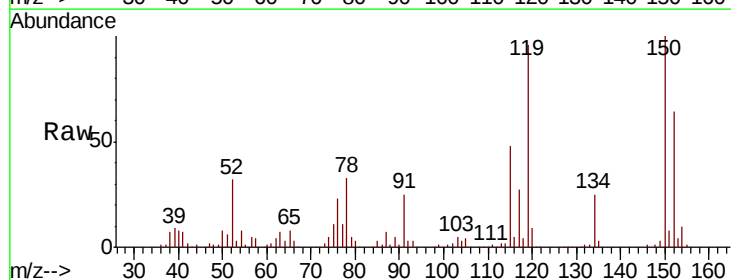
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

Tot Ion:105 Resp: 105216
 Ion Ratio Lower Upper
 105 100
 134 17.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 18.506 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion:119 Resp: 87398
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 25.6 12.3 36.8

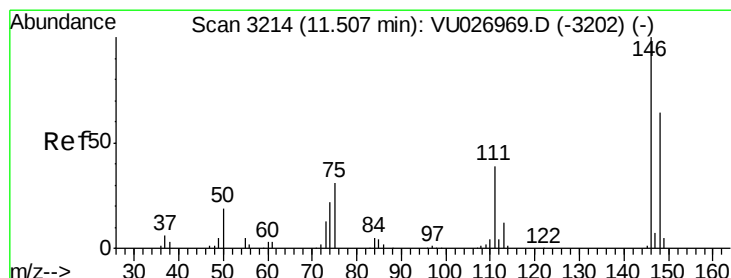
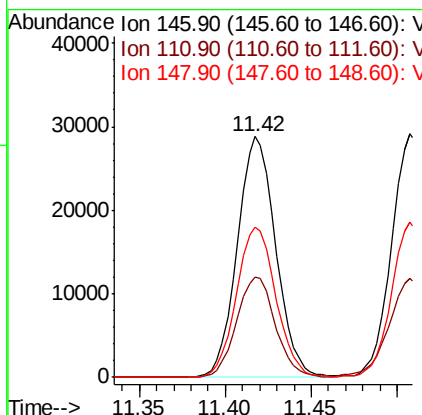
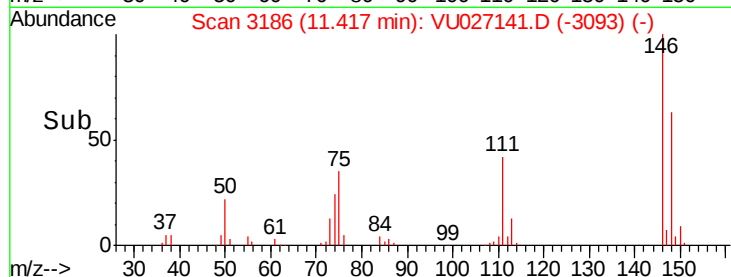
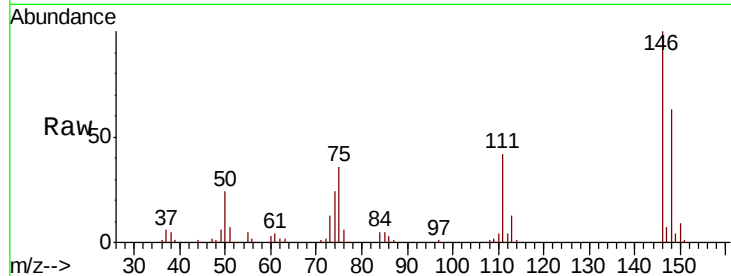




#87
 1,3-Dichlorobenzene
 Concen: 18.905 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

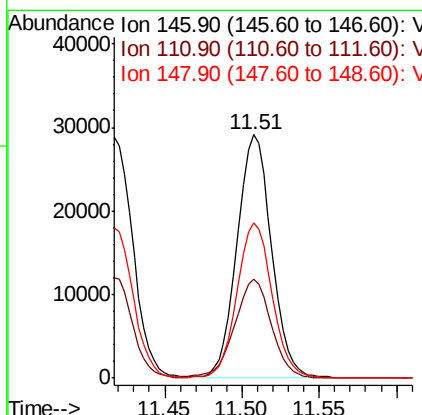
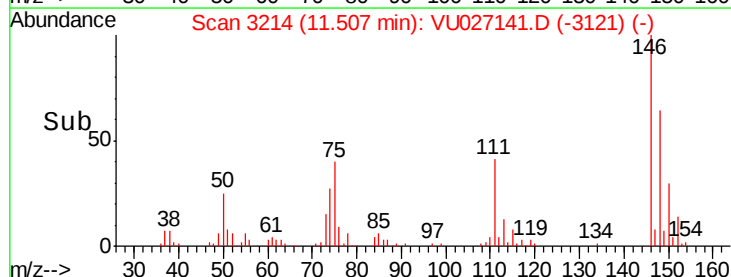
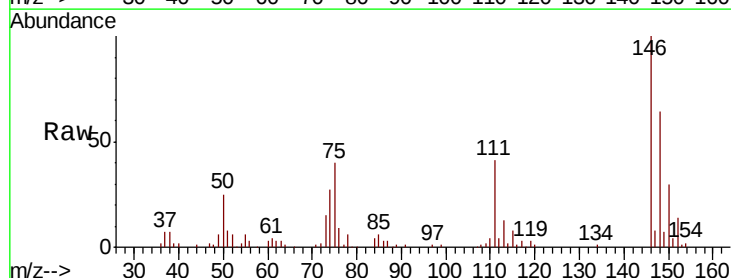
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

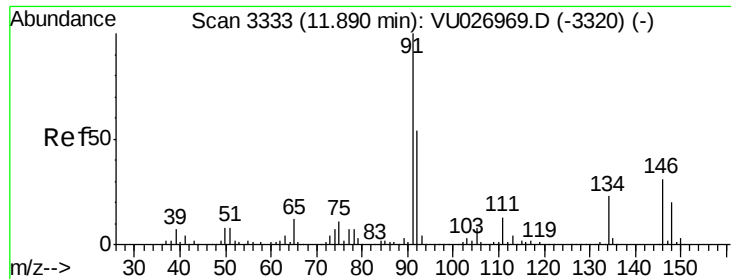
Tot Ion:146 Resp: 44877
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.2
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.532 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion:146 Resp: 45359
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.3 60.9
 148 64.8 31.9 95.9

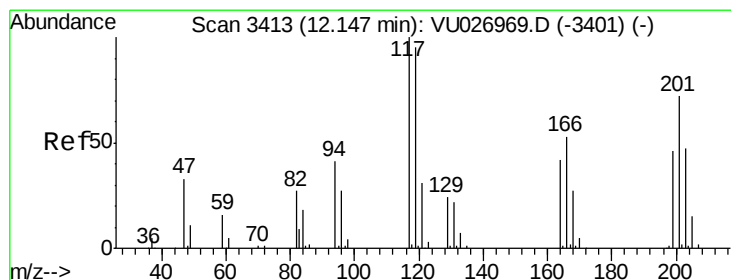
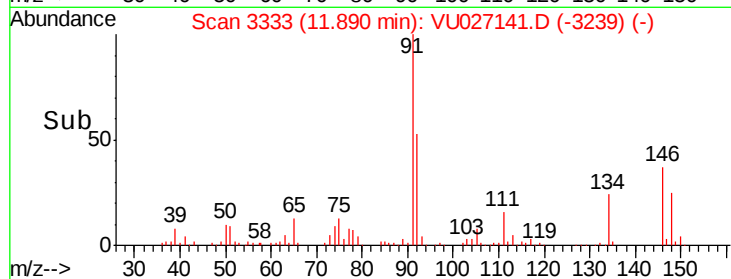
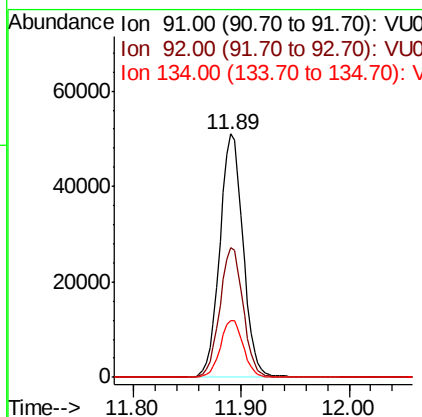
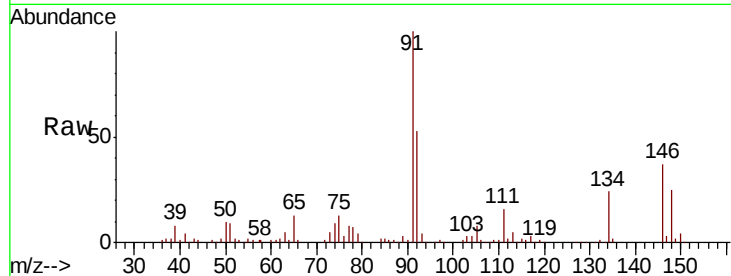




#89
n-Butylbenzene
Concen: 17.806 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

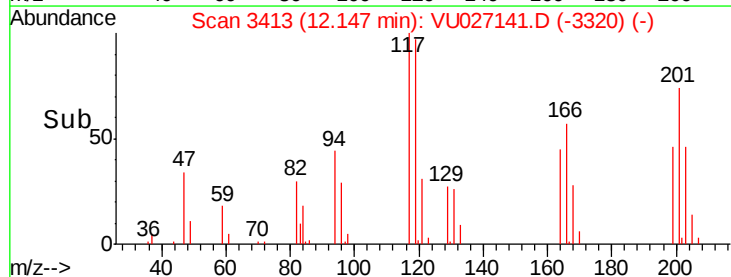
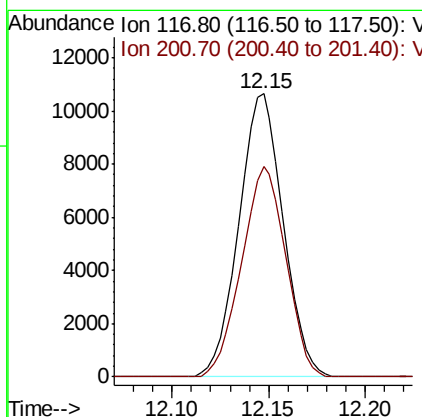
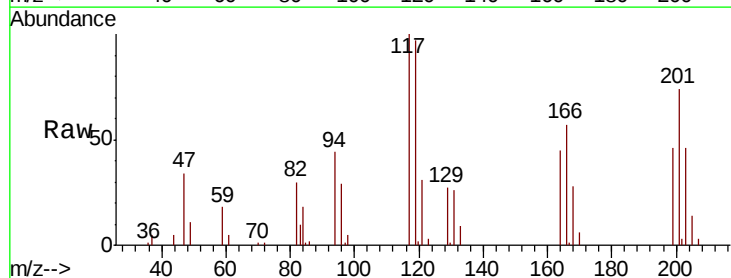
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS01

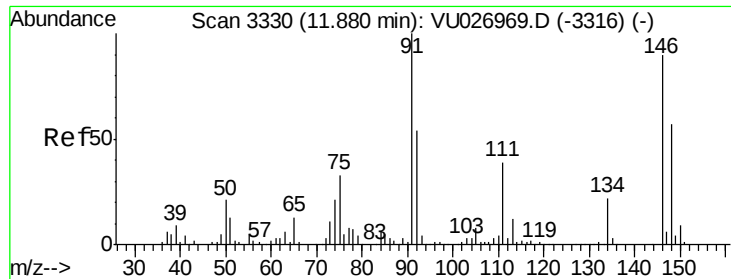
Tot Ion: 91 Resp: 76577
Ion Ratio Lower Upper
91 100
92 53.1 27.1 81.2
134 22.9 11.7 35.0



#90
Hexachloroethane
Concen: 17.941 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027141.D
Acq: 25 Sep 2018 21:26

Tgt Ion: 117 Resp: 16966
Ion Ratio Lower Upper
117 100
201 74.0 36.8 110.3





#91

1,2-Dichlorobenzene

Concen: 18.162 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS01

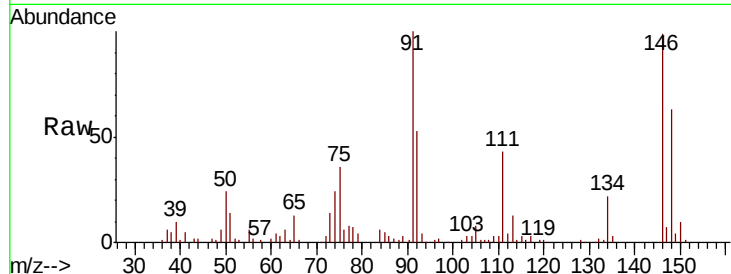
Tot Ion:146 Resp: 45795

Ion Ratio Lower Upper

146 100

111 43.9 21.8 65.3

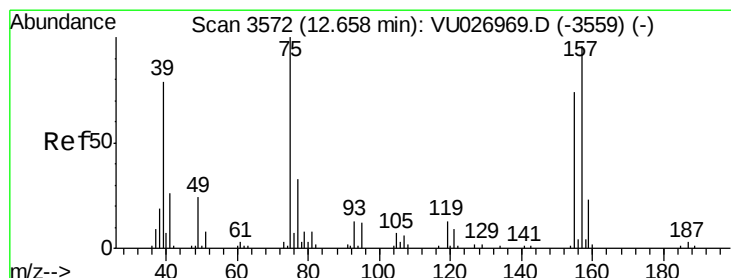
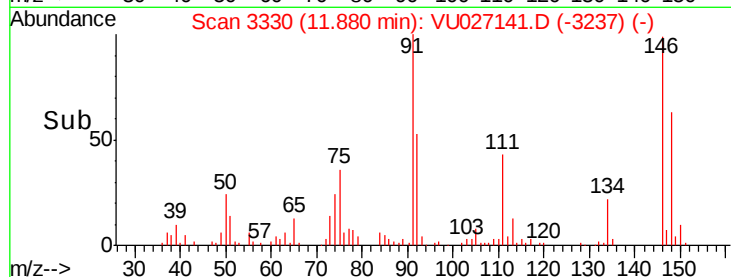
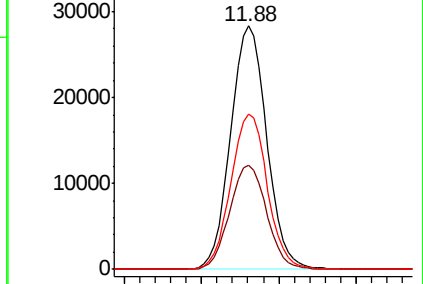
148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.504 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

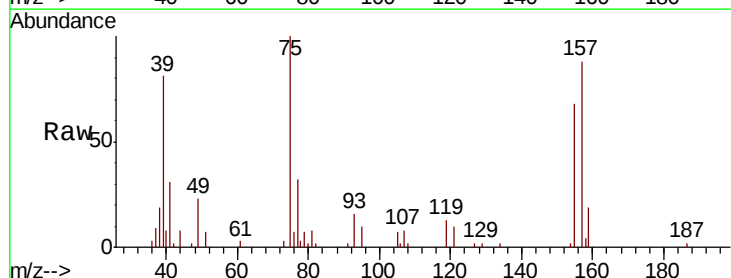
Tgt Ion: 75 Resp: 10039

Ion Ratio Lower Upper

75 100

155 68.3 36.6 109.8

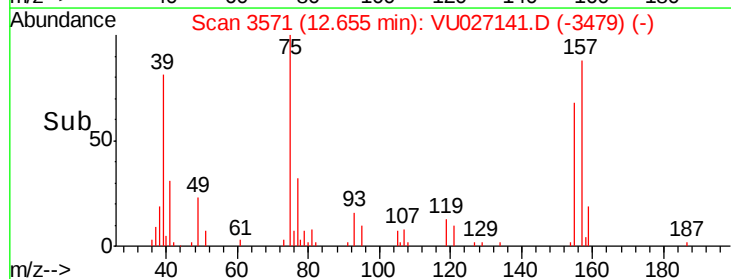
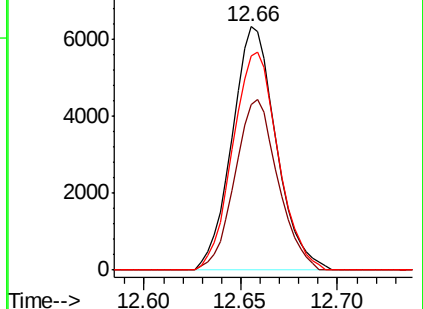
157 91.9 47.4 142.2

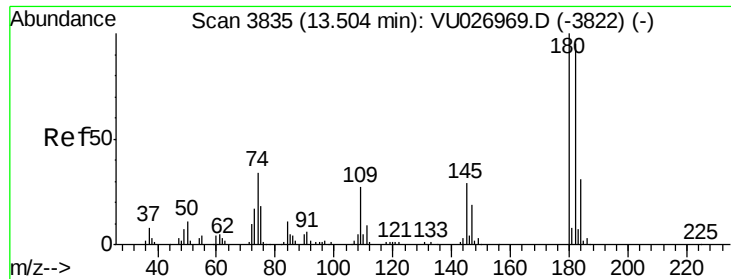


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

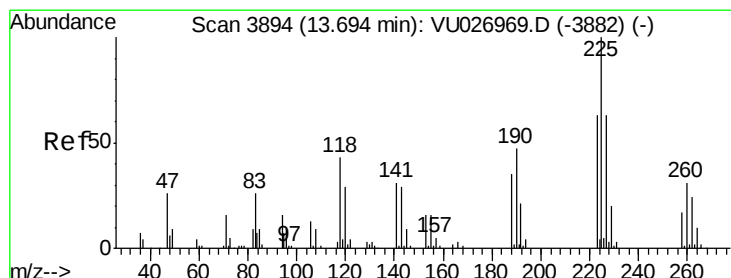
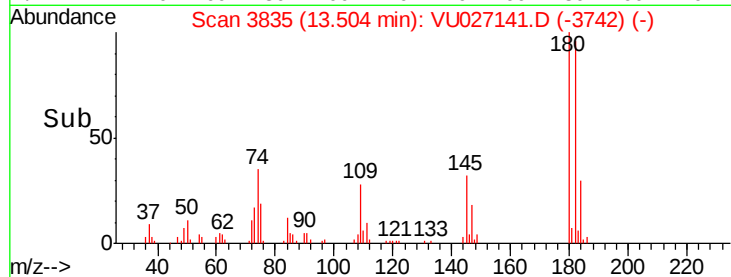
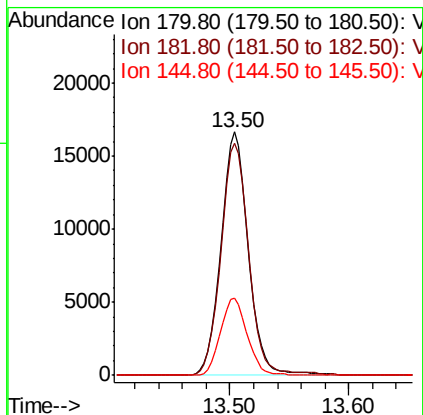
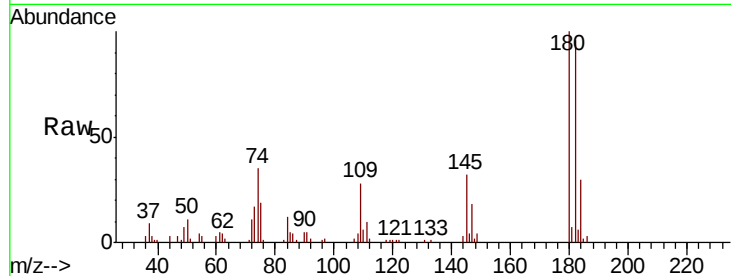




#93
 1,2,4-Trichlorobenzene
 Concen: 18.191 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

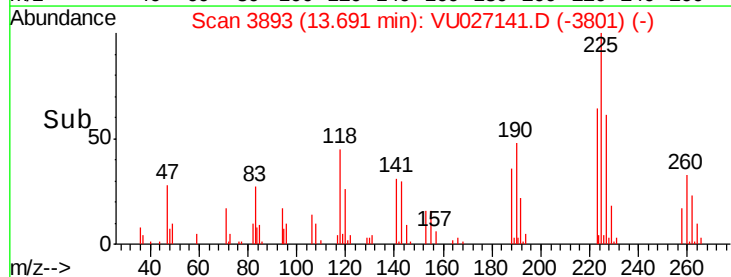
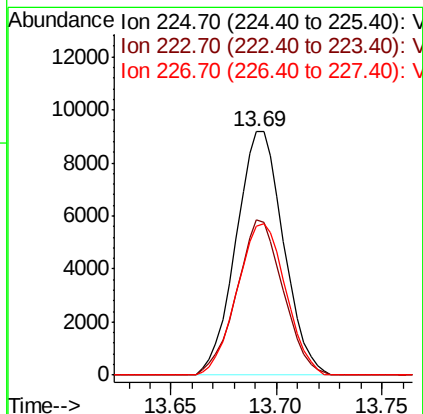
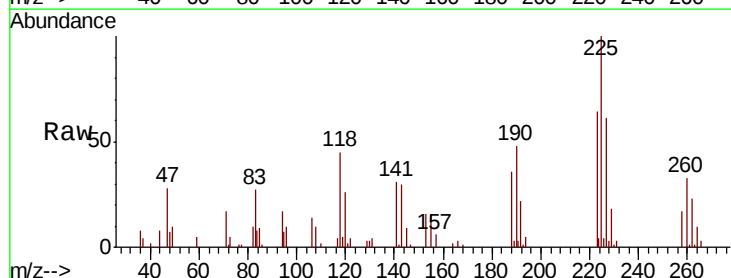
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS01

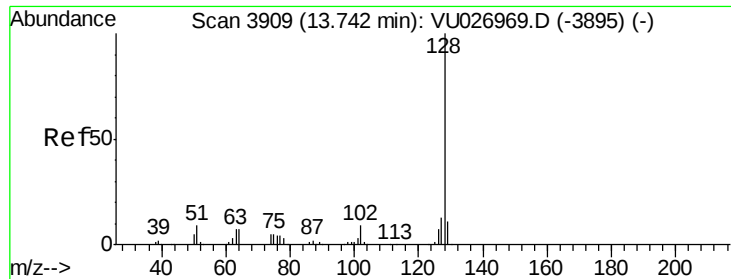
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.2
145	31.0	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 18.662 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027141.D
 Acq: 25 Sep 2018 21:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.9	95.7
227	63.7	32.1	96.5





#95

Naphthalene

Concen: 17.643 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS01

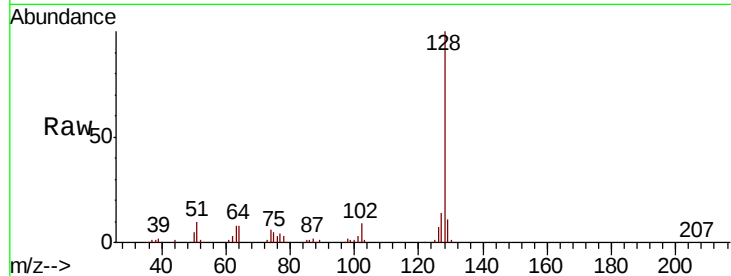
Tot Ion:128 Resp: 93807

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

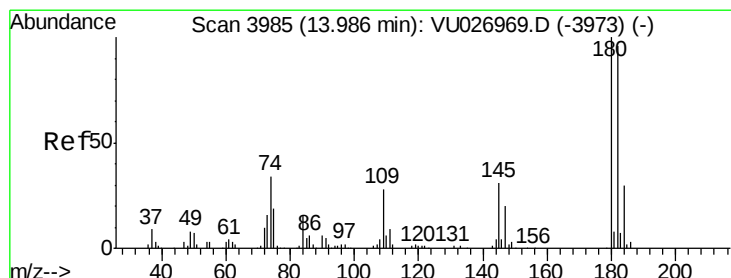
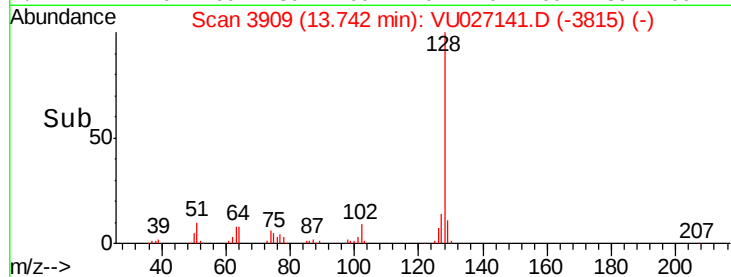
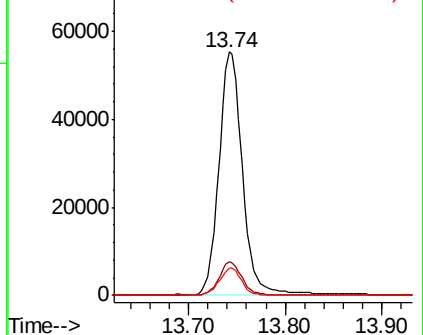
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.701 ug/l

RT: 13.99 min Scan# 3986

Delta R.T. 0.00 min

Lab File: VU027141.D

Acq: 25 Sep 2018 21:26

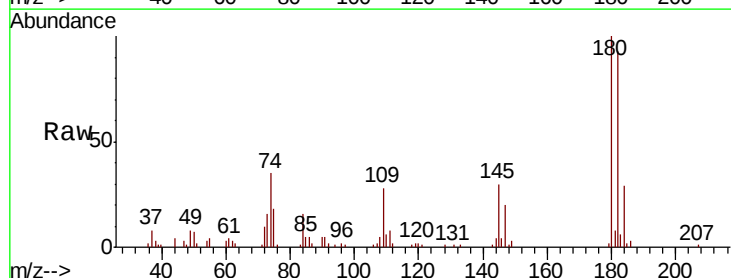
Tgt Ion:180 Resp: 29141

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.5

145 31.4 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

