

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100118\
 Data File : VU027312.D
 Acq On : 01 Oct 2018 10:30
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 01 23:20:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 01 23:17:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	111130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	193269	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	174770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	79097	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	9138	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	
35) Dibromofluoromethane	4.89	113	6407	5.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.08%	
50) Toluene-d8	7.57	98	23672	4.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.56%	
62) 4-Bromofluorobenzene	10.31	95	8319	4.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.18%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	6670	4.163 ug/l	98
3) Chloromethane	1.33	50	9793	4.515 ug/l	98
4) Vinyl Chloride	1.40	62	9448	4.634 ug/l	99
5) Bromomethane	1.62	94	4176	4.733 ug/l	100
6) Chloroethane	1.69	64	6119	4.994 ug/l	98
7) Trichlorofluoromethane	1.88	101	9527	4.605 ug/l	97
8) Diethyl Ether	2.10	74	4694	4.925 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	5883	4.896 ug/l	99
10) Methyl Iodide	2.41	142	2312	2.643 ug/l	97
11) Tert butyl alcohol	2.83	59	9889	25.306 ug/l	96
12) 1,1-Dichloroethene	2.29	96	5823	4.961 ug/l	98
13) Acrolein	2.20	56	9021	27.511 ug/l	96
14) Allyl chloride	2.59	41	13202	4.736 ug/l	99
15) Acrylonitrile	2.94	53	24314	23.906 ug/l	99
16) Acetone	2.32	43	28405	25.911 ug/l	99
17) Carbon Disulfide	2.48	76	20540	4.852 ug/l	99
18) Methyl Acetate	2.62	43	11890	4.754 ug/l	99
19) Methyl tert-butyl Ether	3.00	73	22537	4.792 ug/l	99
20) Methylene Chloride	2.70	84	7421	4.860 ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	6523	4.950 ug/l	96
22) Diisopropyl ether	3.57	45	27761	4.900 ug/l #	88
23) Vinyl Acetate	3.53	43	113660	22.971 ug/l	100
24) 1,1-Dichloroethane	3.45	63	14301	4.910 ug/l	97
25) 2-Butanone	4.27	43	37507	25.090 ug/l	99
26) 2,2-Dichloropropane	4.23	77	11842	4.948 ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	7024	4.660 ug/l	96
28) Bromochloromethane	4.55	49	7303	5.197 ug/l #	96
29) Tetrahydrofuran	4.64	42	21959	23.308 ug/l	98
30) Chloroform	4.67	83	12544	4.847 ug/l	94
31) Cyclohexane	4.99	56	16062	4.716 ug/l #	85
32) 1,1,1-Trichloroethane	4.92	97	10695	4.907 ug/l	98
36) 1,1-Dichloropropene	5.14	75	9996	4.763 ug/l	97
37) Ethyl Acetate	4.39	43	12136	4.690 ug/l	97
38) Carbon Tetrachloride	5.14	117	9087	4.794 ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100118\
 Data File : VU027312.D
 Acq On : 01 Oct 2018 10:30
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 01 23:20:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 01 23:17:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	11264	4.592	ug/l	95
40) Benzene	5.39	78	29113	4.763	ug/l	98
41) Methacrylonitrile	4.55	41	7057	4.604	ug/l	97
42) 1,2-Dichloroethane	5.40	62	11173	4.924	ug/l	98
43) Isopropyl Acetate	5.55	43	19664	4.668	ug/l	99
44) Trichloroethene	6.19	130	6422	4.712	ug/l	97
45) 1,2-Dichloropropane	6.43	63	8316	4.717	ug/l	99
46) Dibromomethane	6.57	93	4738	4.758	ug/l	96
47) Bromodichloromethane	6.76	83	9572	4.633	ug/l	98
48) Methyl methacrylate	6.62	41	9264	4.423	ug/l	96
49) 1,4-Dioxane	6.62	88	3441	95.478	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	63929	23.357	ug/l	99
52) Toluene	7.64	92	16984	4.694	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	10995	4.539	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	11989	4.604	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	6773	4.722	ug/l	94
56) Ethyl methacrylate	8.02	69	10203	4.286	ug/l	97
57) 1,3-Dichloropropane	8.24	76	13100	4.704	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.13	63	27650	20.791	ug/l	99
59) 2-Hexanone	8.37	43	48518	22.851	ug/l	99
60) Dibromochloromethane	8.48	129	6654	4.625	ug/l	97
61) 1,2-Dibromoethane	8.59	107	7020	4.603	ug/l	99
64) Tetrachloroethene	8.23	164	5245	4.821	ug/l	95
65) Chlorobenzene	9.12	112	17771	4.831	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.21	131	6077	4.785	ug/l	99
67) Ethyl Benzene	9.25	91	29486	4.524	ug/l	99
68) m/p-Xylenes	9.38	106	21392	8.973	ug/l	99
69) o-Xylene	9.78	106	10361	4.573	ug/l	100
70) Styrene	9.79	104	15274	4.105	ug/l	97
71) Bromoform	9.96	173	4777	4.675	ug/l #	99
73) Isopropylbenzene	10.17	105	27120	4.721	ug/l	100
74) N-amyl acetate	10.02	43	15181	4.616	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	11967	5.305	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	13342	6.051	ug/l	85
77) Bromobenzene	10.46	156	6492	4.863	ug/l	97
78) n-propylbenzene	10.59	91	31717	4.595	ug/l	99
79) 2-Chlorotoluene	10.66	91	20442	4.905	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	21620	4.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	13342	15.593	ug/l #	100
82) 4-Chlorotoluene	10.77	91	22280	4.711	ug/l	99
83) tert-Butylbenzene	11.10	119	21209	4.691	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	21926	4.589	ug/l	99
85) sec-Butylbenzene	11.32	105	25804	4.529	ug/l	97
86) p-Isopropyltoluene	11.48	119	22016	4.514	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	12039	4.762	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	12568	4.865	ug/l	93
89) n-Butylbenzene	11.89	91	19037	4.184	ug/l	99
90) Hexachloroethane	12.15	117	4611	5.015	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	11801	4.796	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.66	75	2528	5.057	ug/l	97

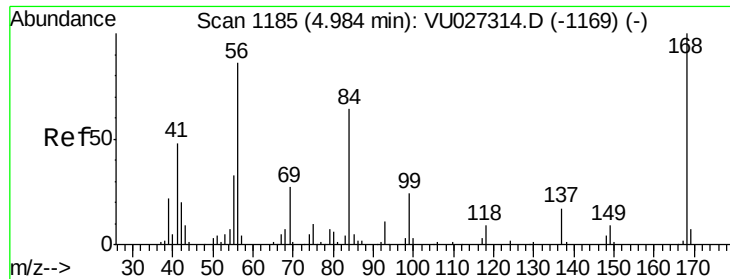
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100118\
Data File : VU027312.D
Acq On : 01 Oct 2018 10:30
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Oct 01 23:20:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 01 23:17:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	6869	4.314	ug/l	99
94) Hexachlorobutadiene	13.69	225	3927	4.881	ug/l	99
95) Naphthalene	13.75	128	21558	4.038	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	7110	4.286	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

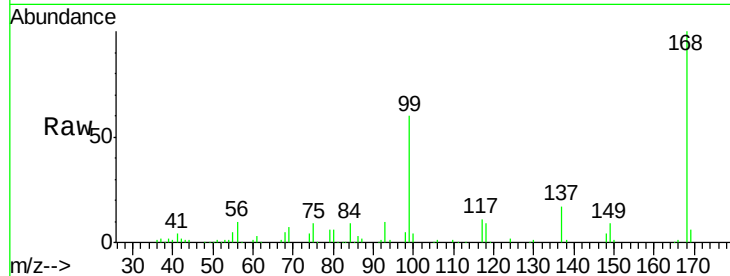
VSTDIC005

Tgt Ion: 168 Resp: 111130

Ion Ratio Lower Upper

168 100

99 59.5 50.8 76.2



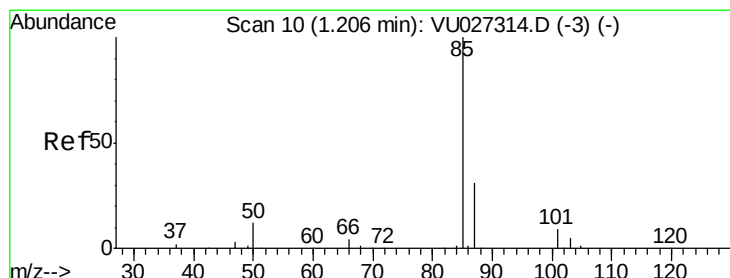
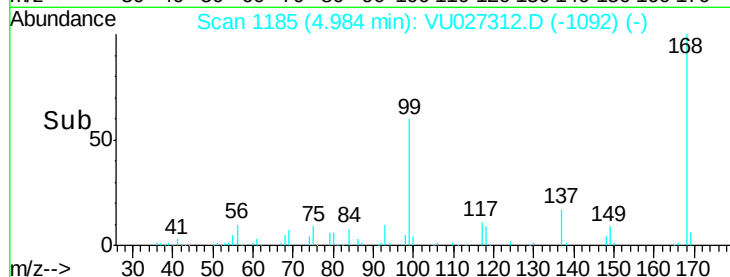
Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.98

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 4.163 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027312.D

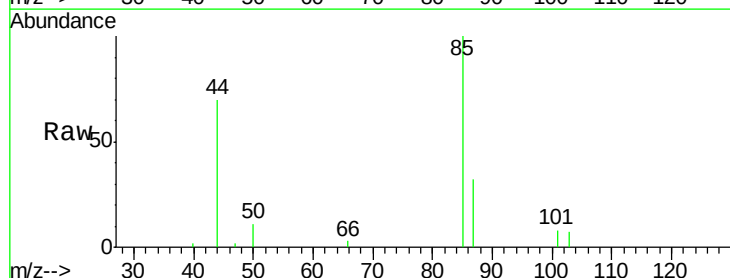
Acq: 01 Oct 2018 10:30

Tgt Ion: 85 Resp: 6670

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.1



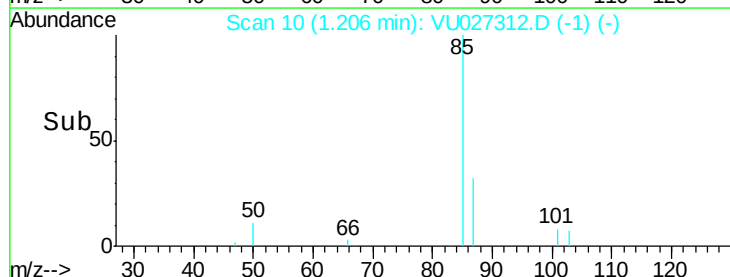
Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

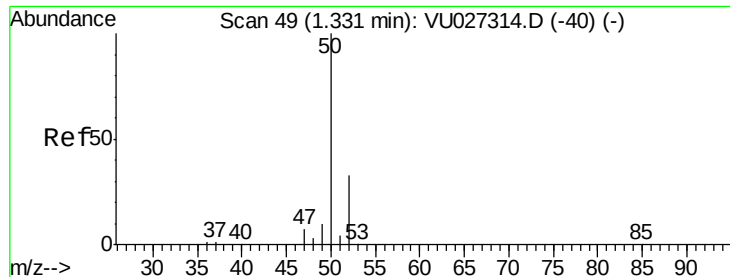
Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)

1.21

1.20 1.25

Time-->





#3

Chloromethane

Concen: 4.515 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

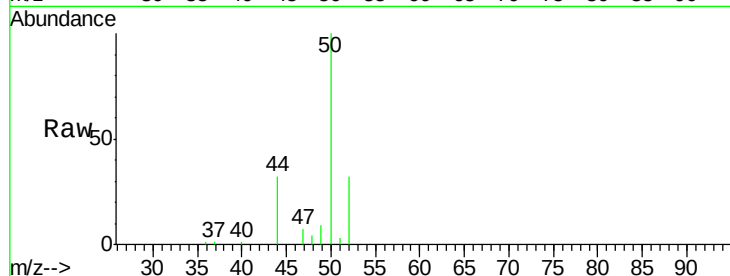
VSTDIC005

Tgt Ion: 50 Resp: 9793

Ion Ratio Lower Upper

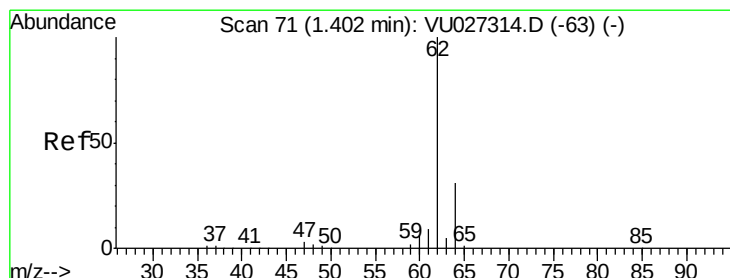
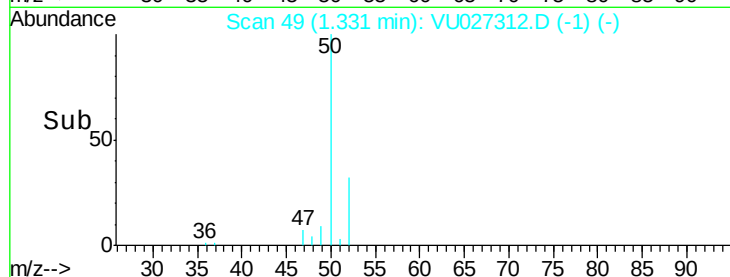
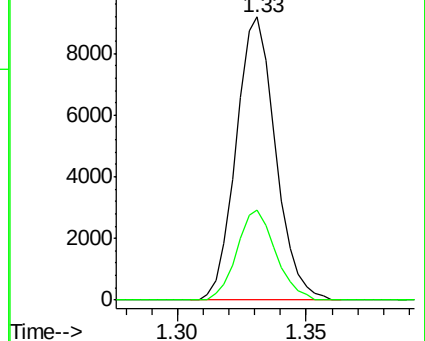
50 100

52 31.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 4.634 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027312.D

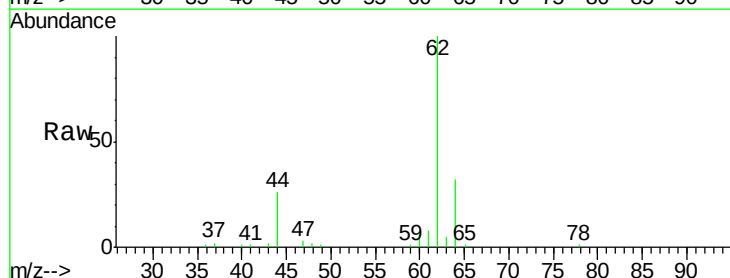
Acq: 01 Oct 2018 10:30

Tgt Ion: 62 Resp: 9448

Ion Ratio Lower Upper

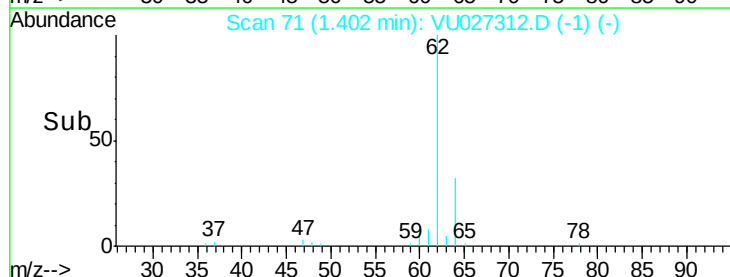
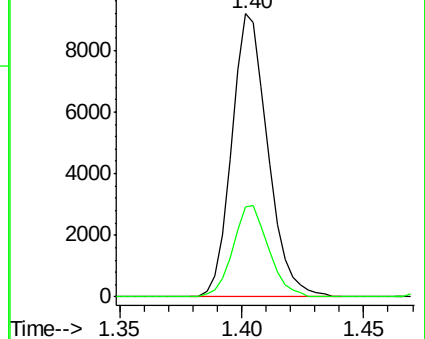
62 100

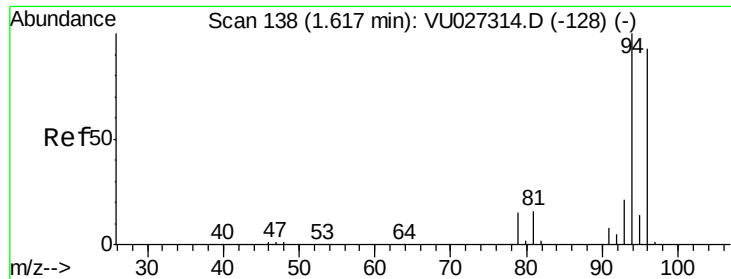
64 31.7 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

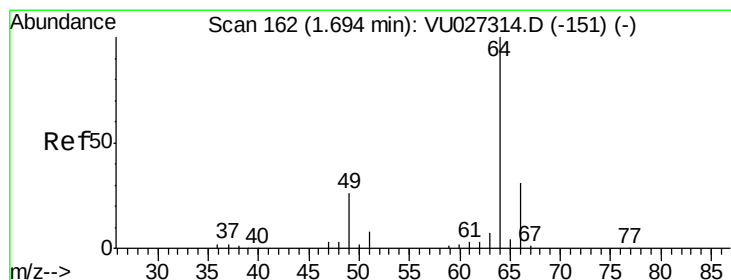
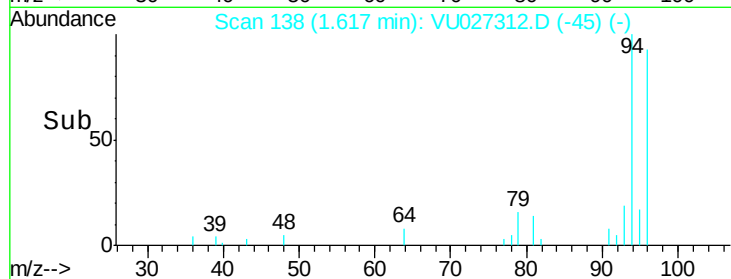
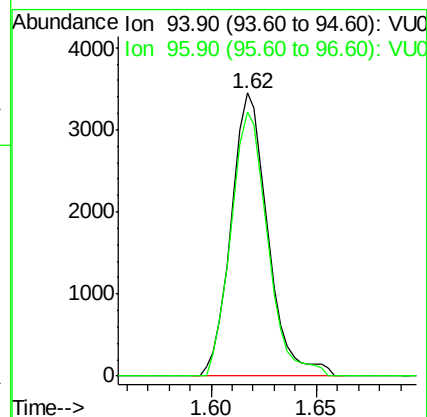
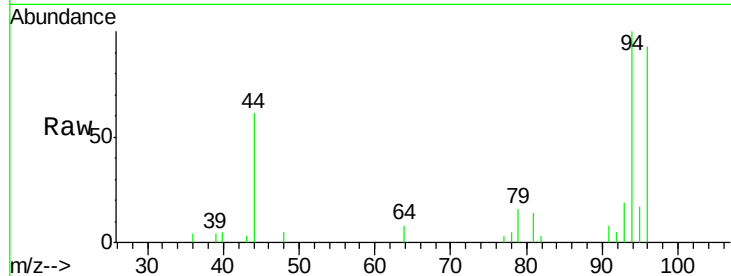




#5
Bromomethane
Concen: 4.733 ug/l
RT: 1.62 min Scan# 138
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

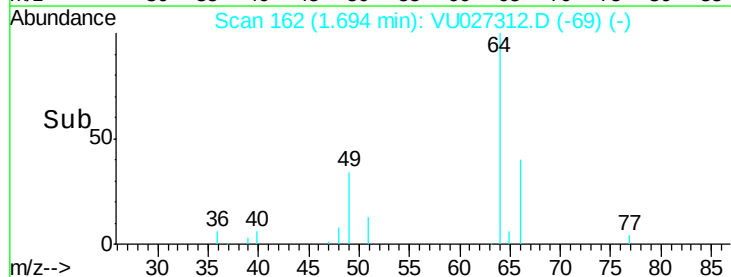
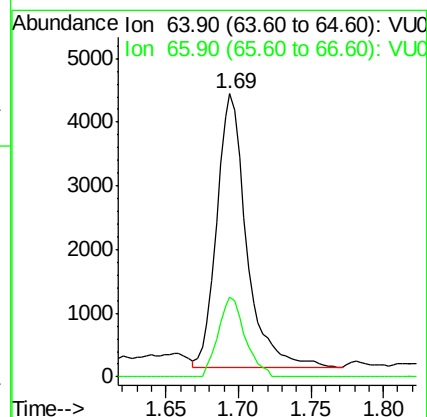
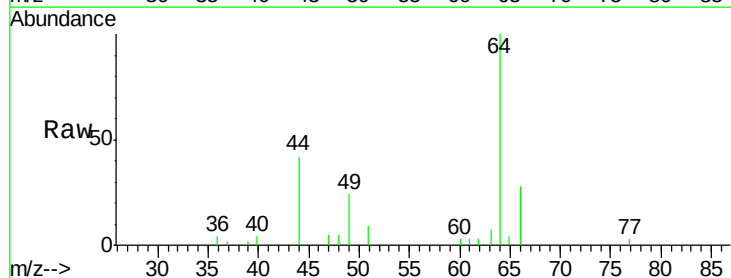
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

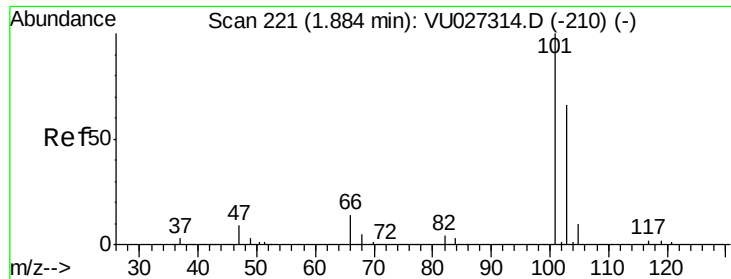
Tgt Ion: 94 Resp: 4176
Ion Ratio Lower Upper
94 100
96 93.4 74.6 111.8



#6
Chloroethane
Concen: 4.994 ug/l
RT: 1.69 min Scan# 162
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion: 64 Resp: 6119
Ion Ratio Lower Upper
64 100
66 29.4 24.6 36.8





#7

Trichlorofluoromethane

Concen: 4.605 ug/l

RT: 1.88 min Scan# 221

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

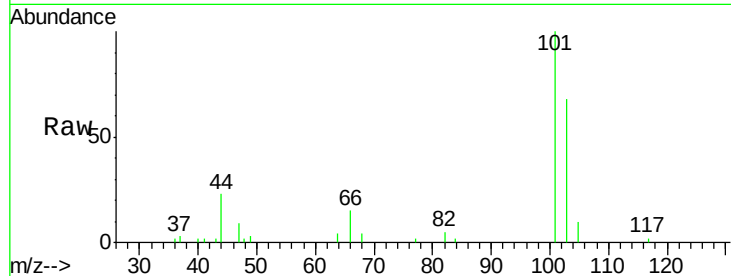
VSTDIC005

Tgt Ion:101 Resp: 9527

Ion Ratio Lower Upper

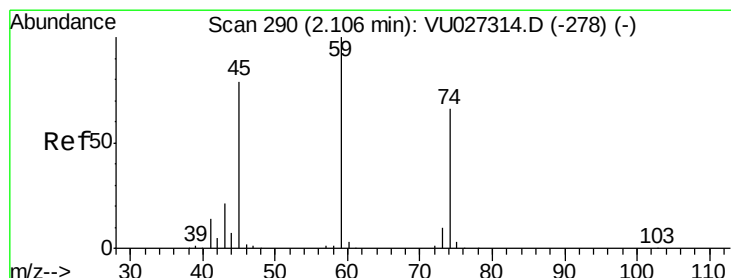
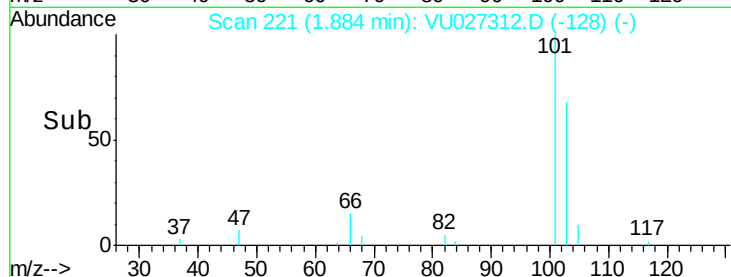
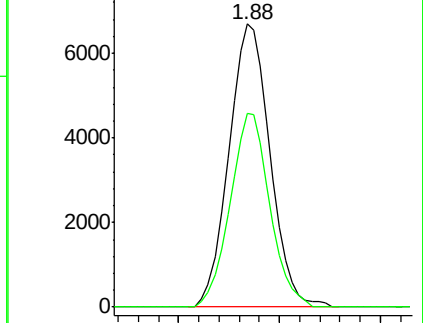
101 100

103 68.4 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.925 ug/l

RT: 2.10 min Scan# 289

Delta R.T. -0.00 min

Lab File: VU027312.D

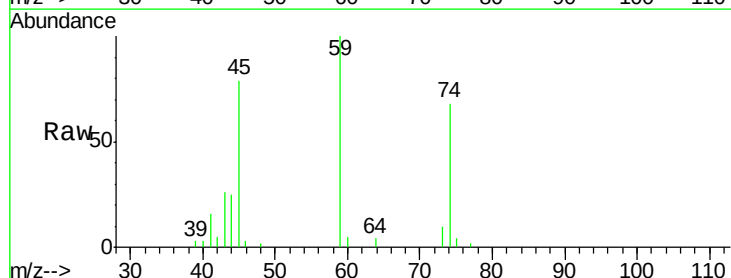
Acq: 01 Oct 2018 10:30

Tgt Ion: 74 Resp: 4694

Ion Ratio Lower Upper

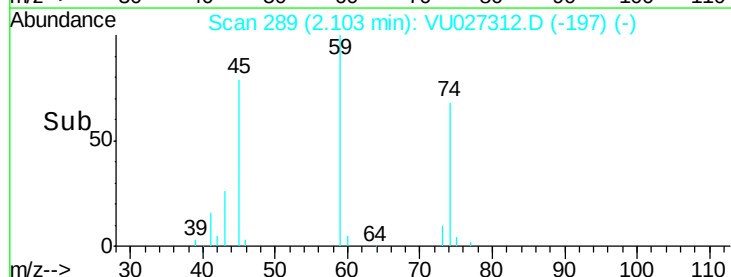
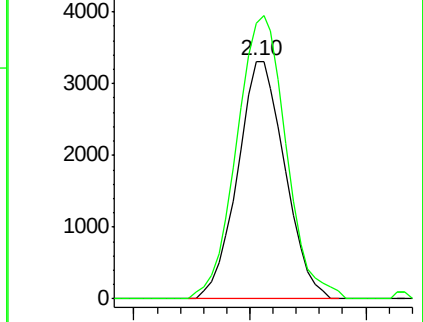
74 100

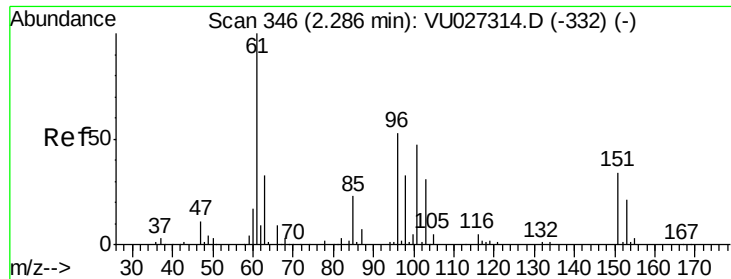
45 124.6 60.4 181.1



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.896 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

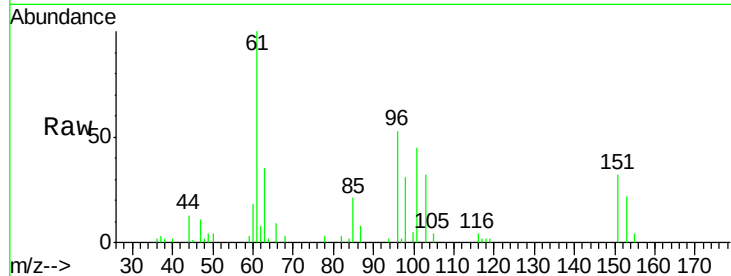
Tgt Ion:101 Resp: 5883

Ion Ratio Lower Upper

101 100

85 45.6 37.5 56.3

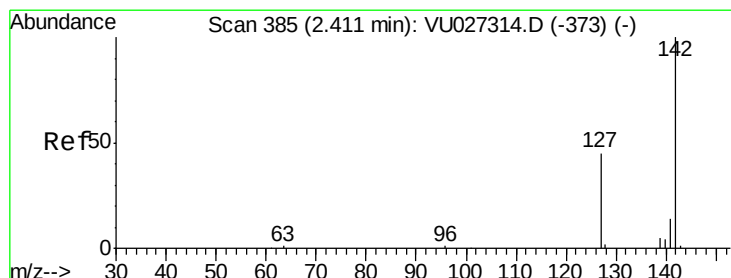
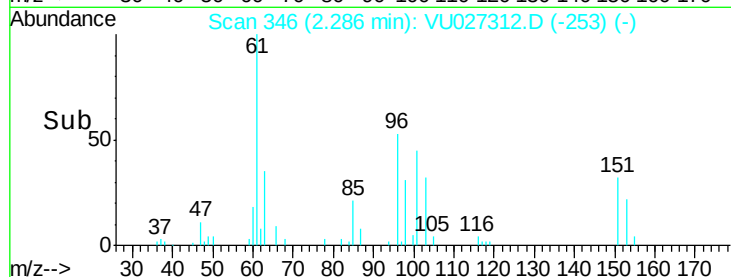
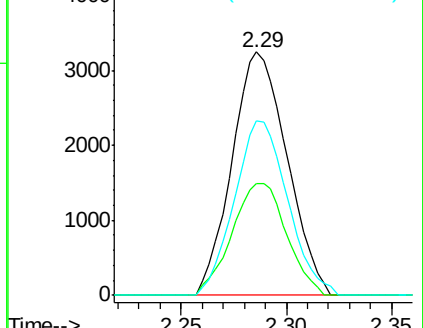
151 69.4 55.6 83.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.643 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

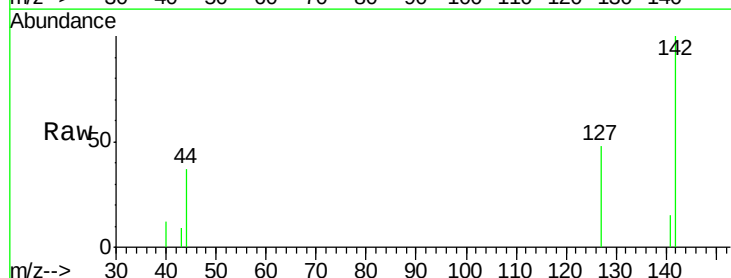
Tgt Ion:142 Resp: 2312

Ion Ratio Lower Upper

142 100

127 43.5 36.3 54.5

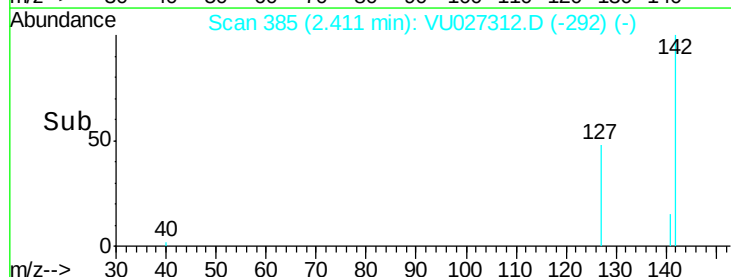
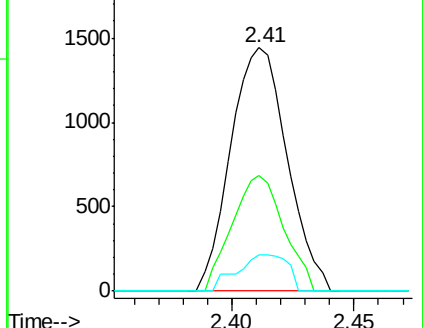
141 13.4 11.6 17.4

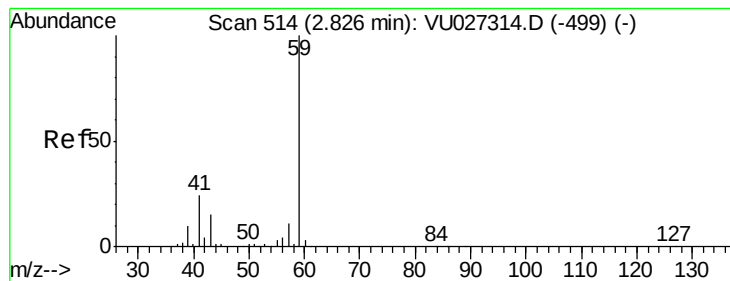


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 25.306 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

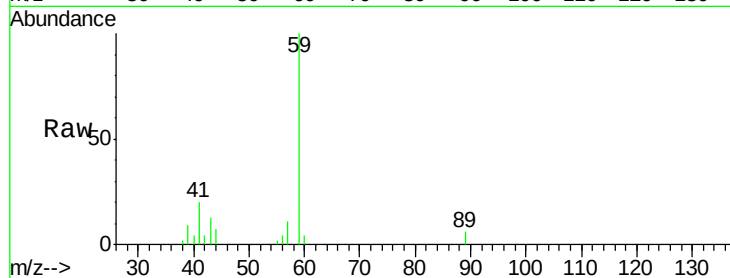
VSTDIC005

Tgt Ion: 59 Resp: 9889

Ion Ratio Lower Upper

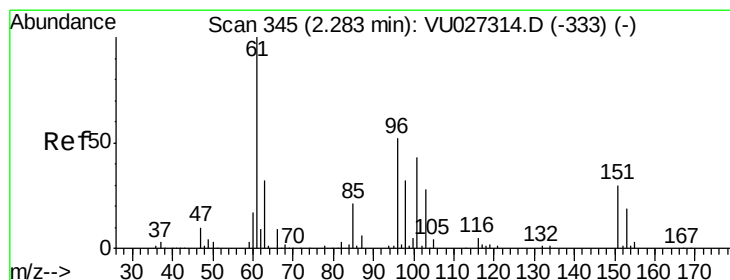
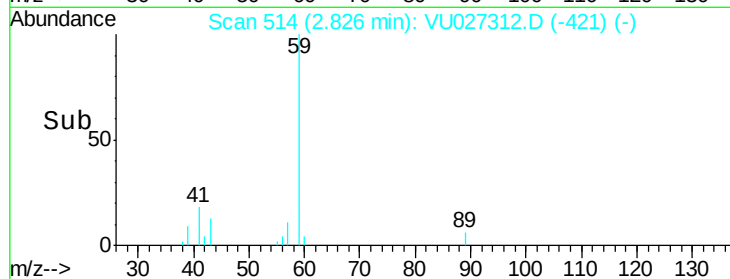
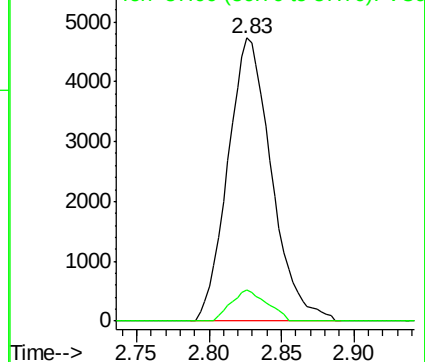
59 100

57 9.0 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 4.961 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

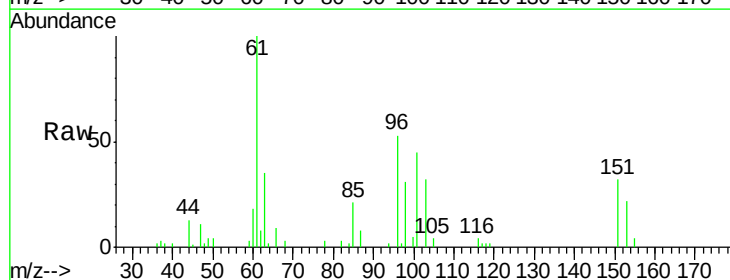
Tgt Ion: 96 Resp: 5823

Ion Ratio Lower Upper

96 100

61 188.6 153.0 229.6

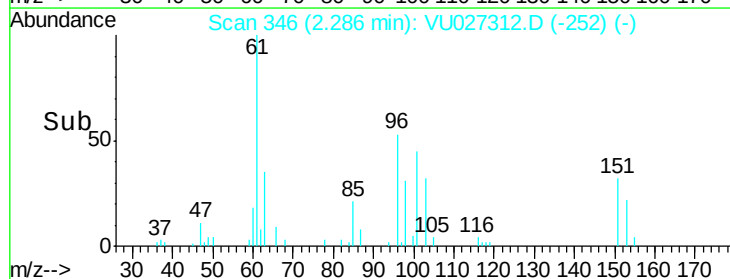
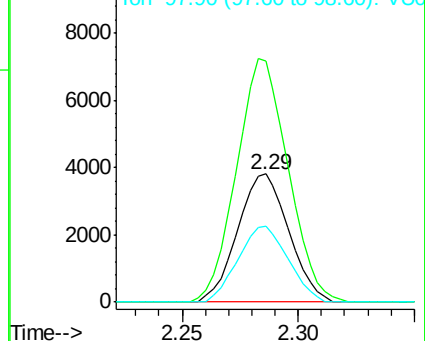
98 59.2 49.3 73.9

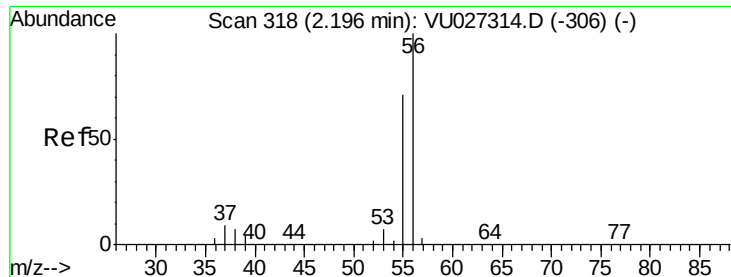


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#13

Acrolein

Concen: 27.511 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

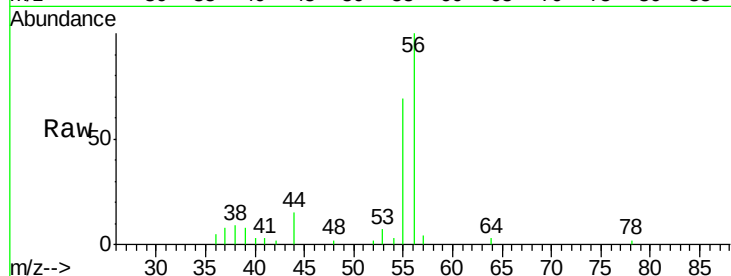
VSTDIC005

Tgt Ion: 56 Resp: 9021

Ion Ratio Lower Upper

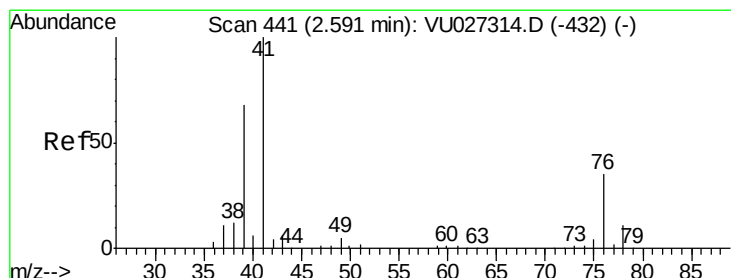
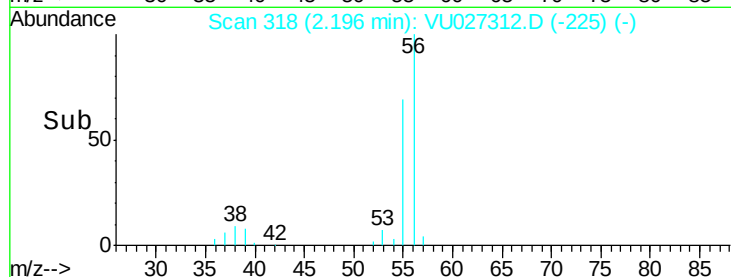
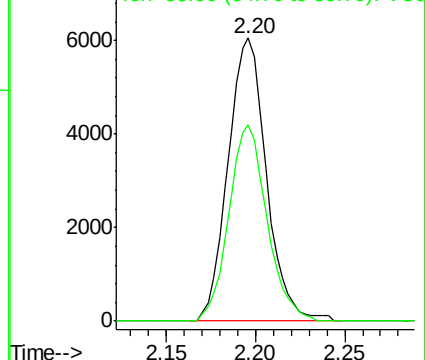
56 100

55 68.9 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 4.736 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

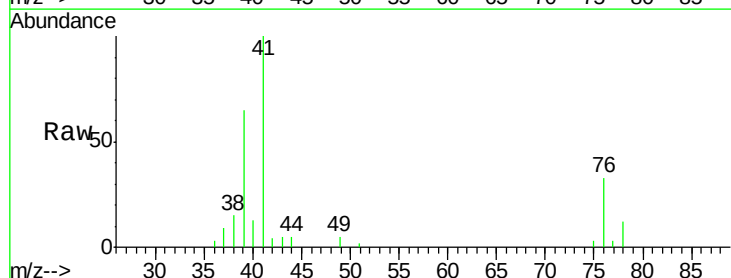
Tgt Ion: 41 Resp: 13202

Ion Ratio Lower Upper

41 100

39 63.7 51.8 77.8

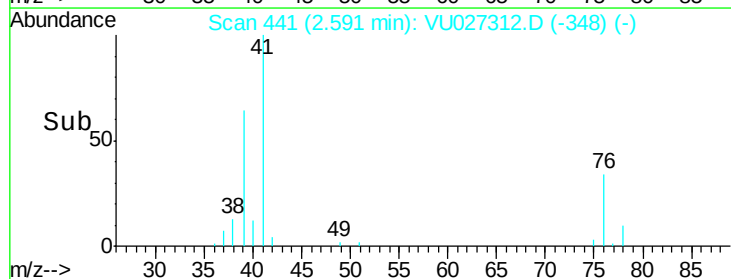
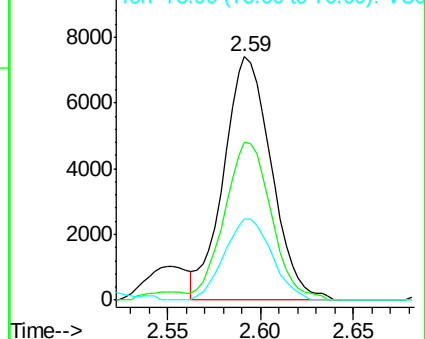
76 33.2 25.9 38.9

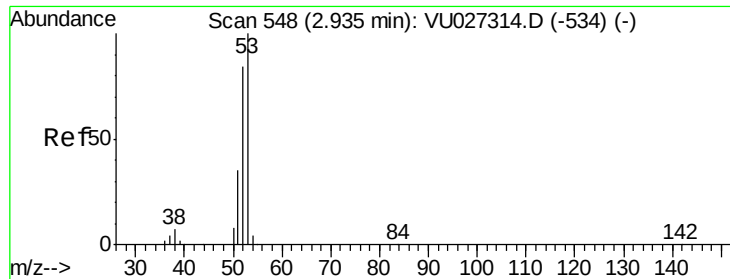


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 23.906 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

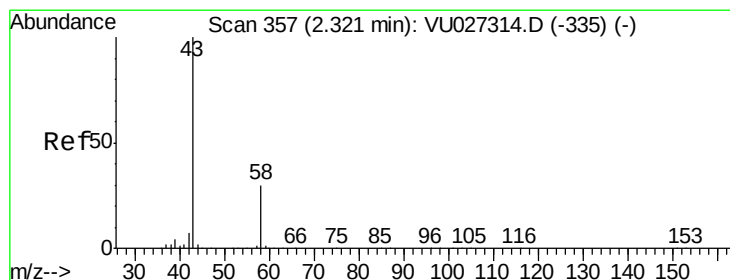
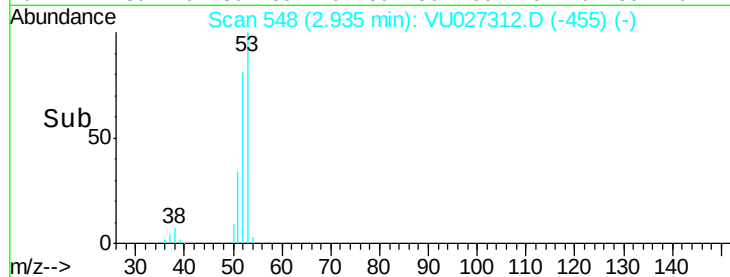
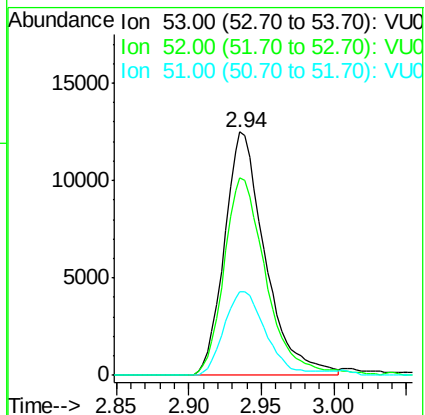
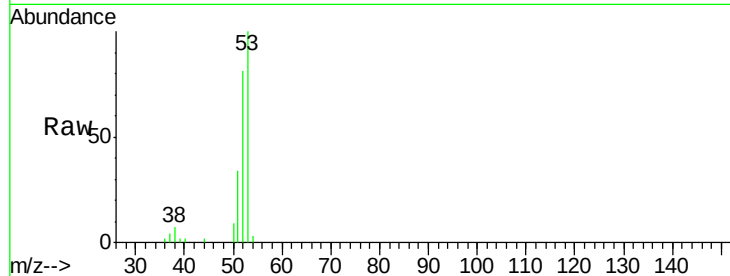
Tgt Ion: 53 Resp: 24314

Ion Ratio Lower Upper

53 100

52 83.9 66.5 99.7

51 35.2 27.6 41.4



#16

Acetone

Concen: 25.911 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027312.D

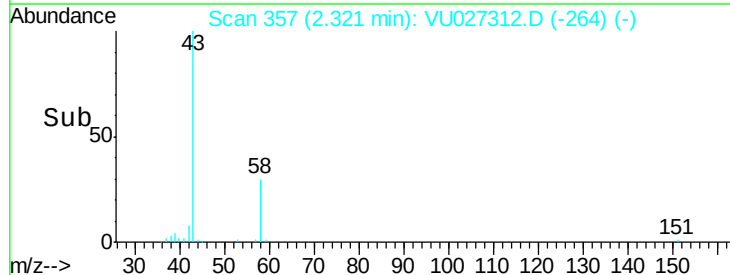
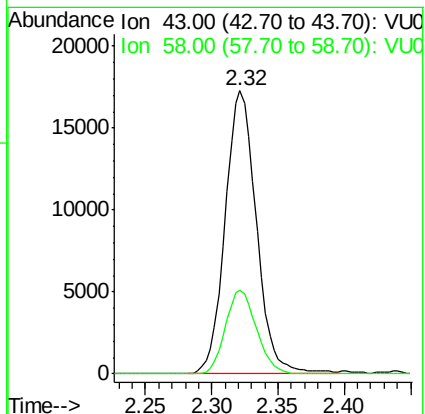
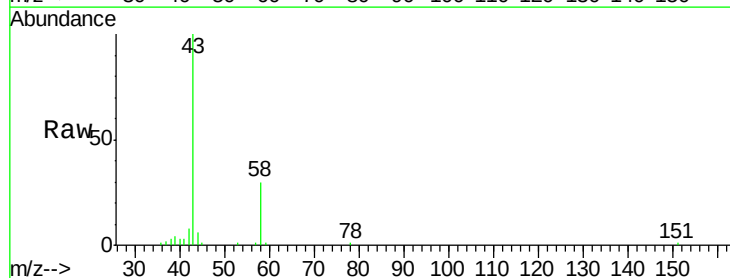
Acq: 01 Oct 2018 10:30

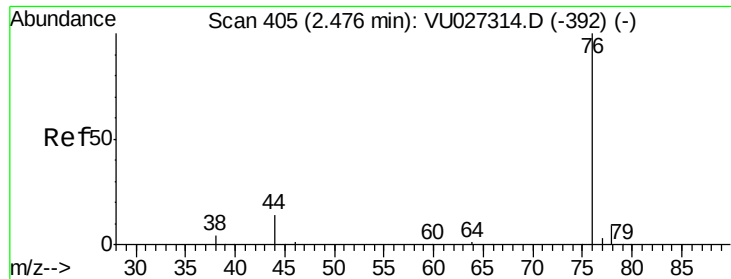
Tgt Ion: 43 Resp: 28405

Ion Ratio Lower Upper

43 100

58 29.8 24.2 36.4

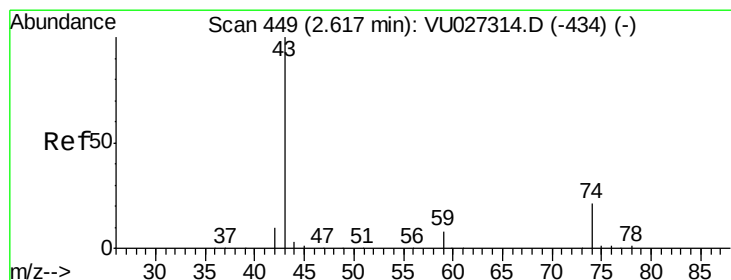
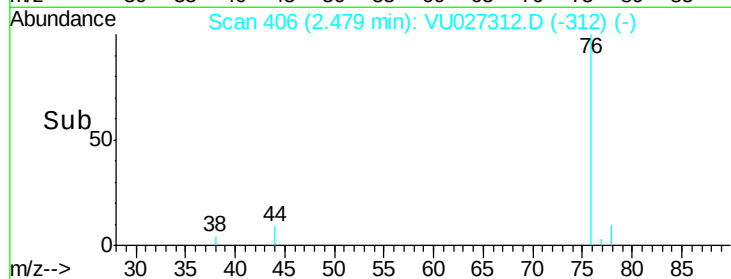
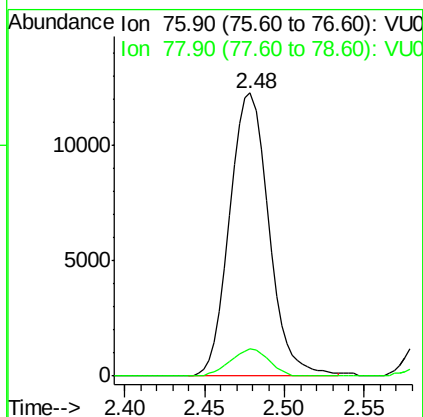
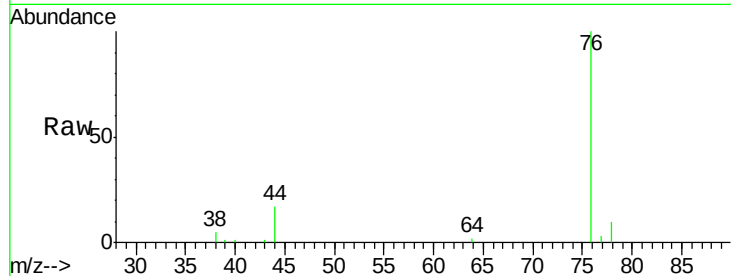




#17
Carbon Disulfide
Concen: 4.852 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

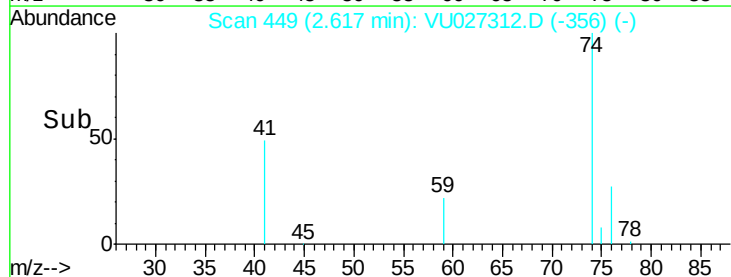
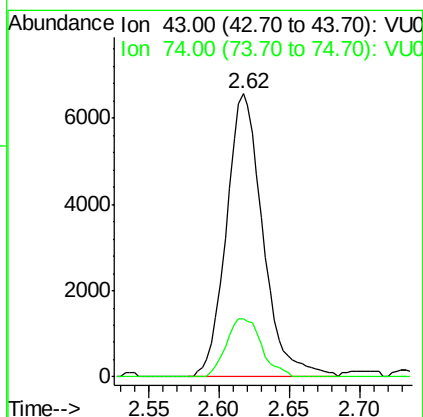
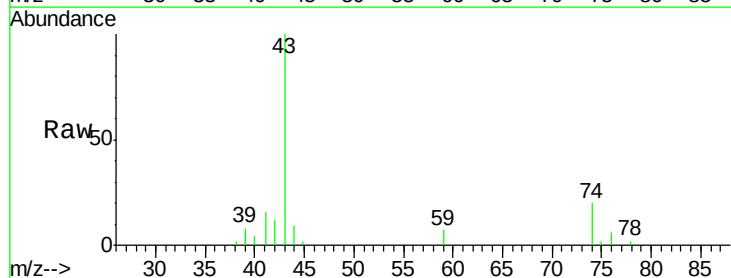
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

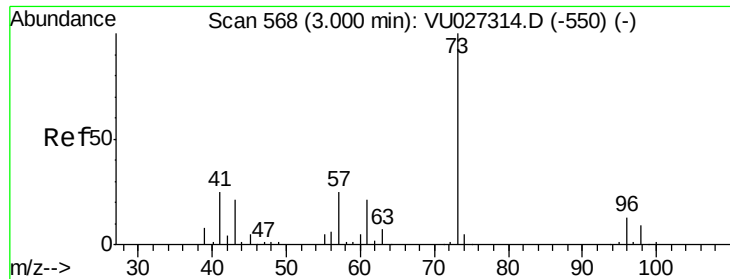
Tgt Ion: 76 Resp: 20540
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 4.754 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion: 43 Resp: 11890
Ion Ratio Lower Upper
43 100
74 19.9 16.5 24.7

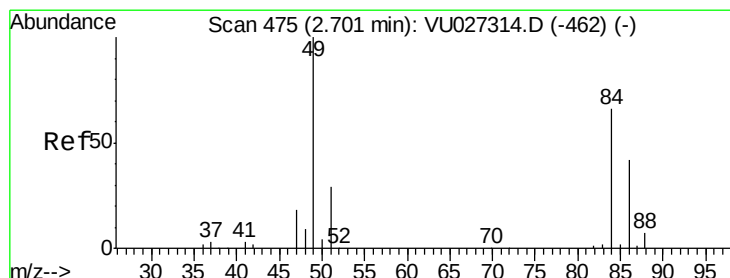
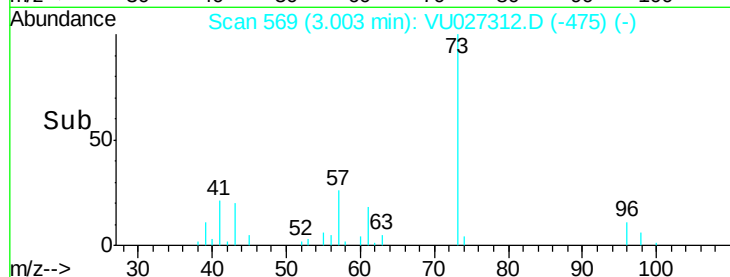
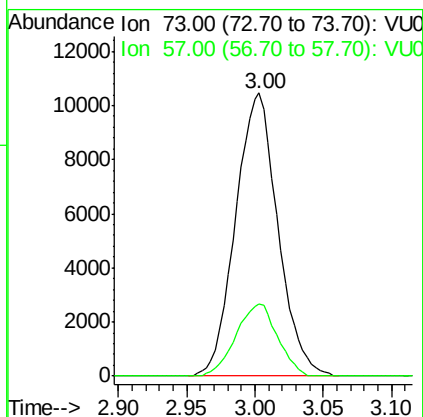
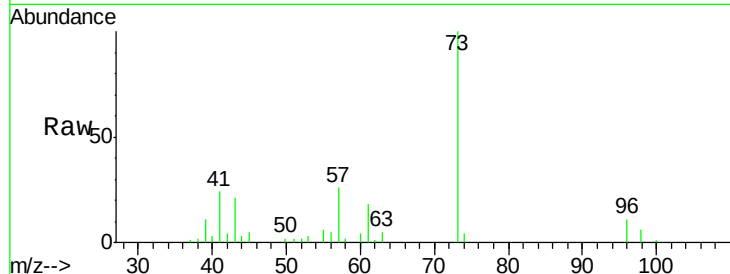




#19
Methyl tert-butyl Ether
Concen: 4.792 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

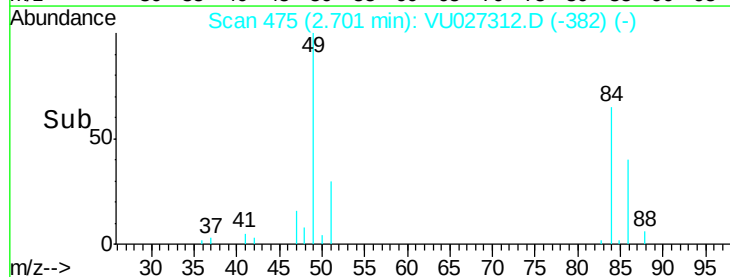
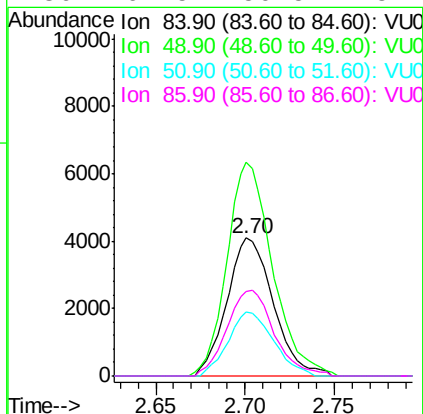
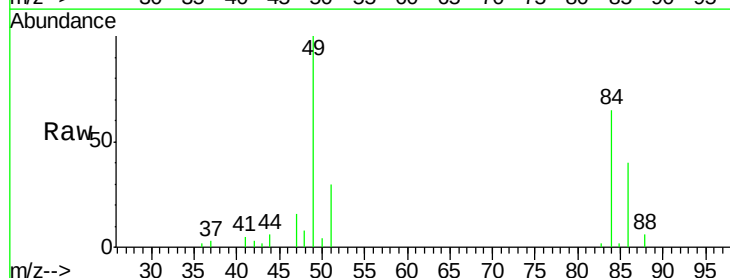
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

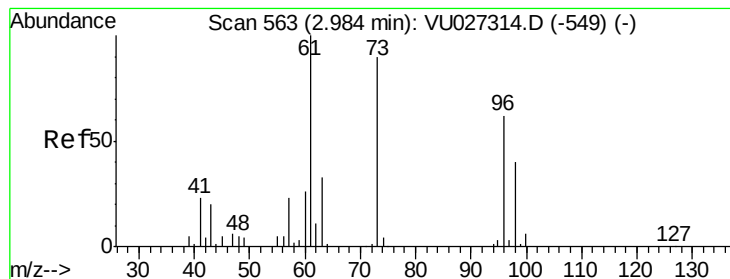
Tgt Ion: 73 Resp: 22537
Ion Ratio Lower Upper
73 100
57 25.6 20.0 30.0



#20
Methylene Chloride
Concen: 4.860 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion: 84 Resp: 7421
Ion Ratio Lower Upper
84 100
49 154.9 120.5 180.7
51 46.4 35.1 52.7
86 61.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 4.950 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

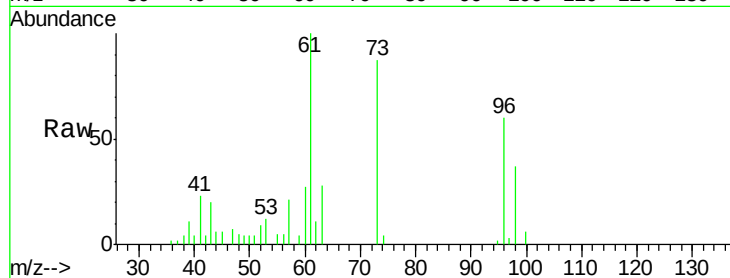
Tgt Ion: 96 Resp: 6523

Ion Ratio Lower Upper

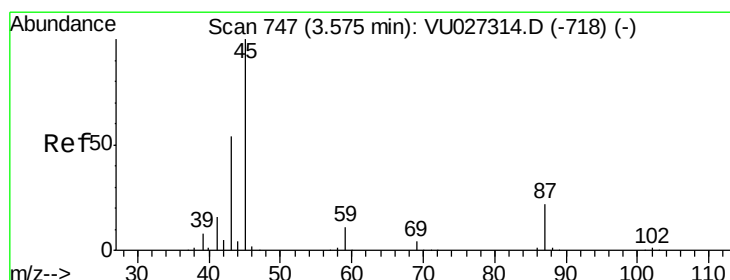
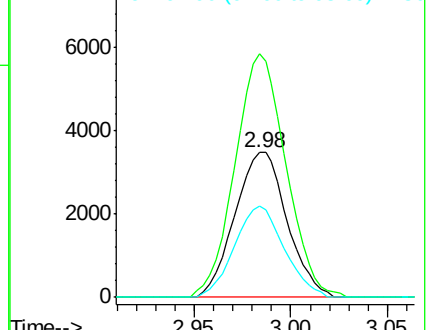
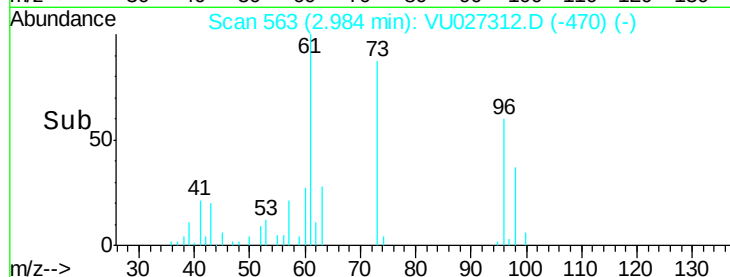
96 100

61 167.9 129.4 194.2

98 62.7 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VU027312.D (-470) (-)



#22

Diisopropyl ether

Concen: 4.900 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Tgt Ion: 45 Resp: 27761

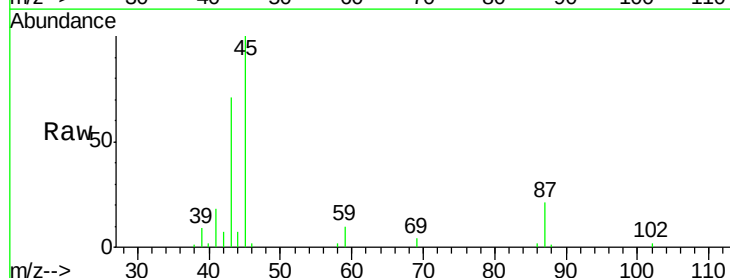
Ion Ratio Lower Upper

45 100

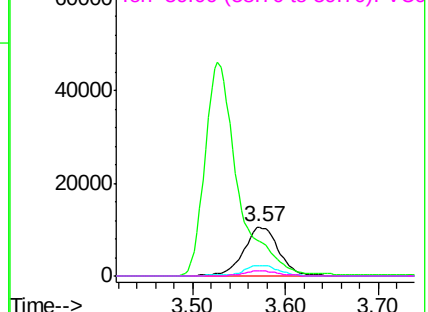
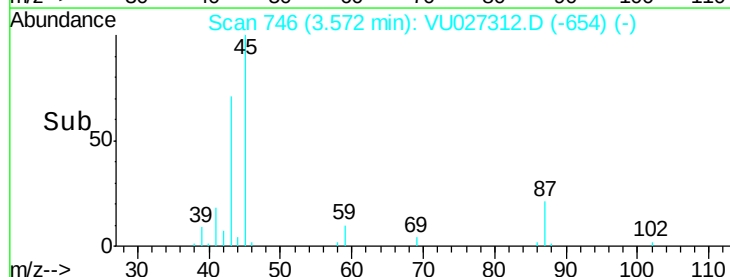
43 67.4 43.4 65.2#

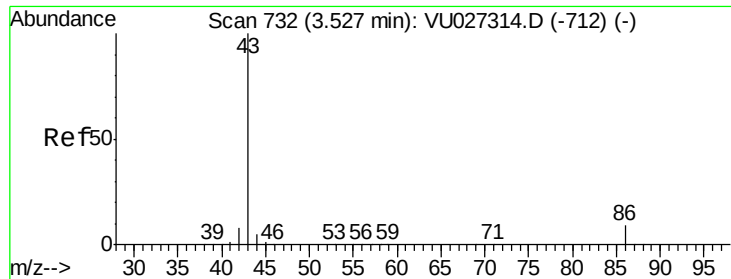
87 21.1 17.5 26.3

59 10.4 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VU027312.D (-654) (-)





#23

Vinyl Acetate

Concen: 22.971 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

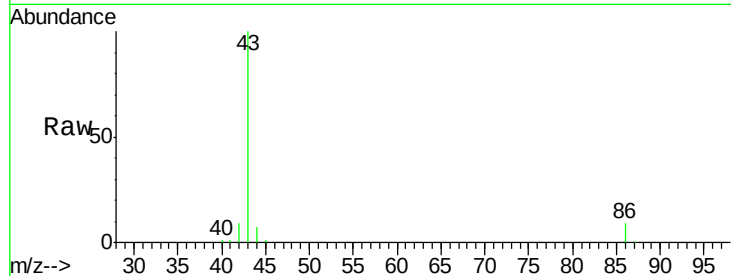
VSTDIC005

Tgt Ion: 43 Resp: 113660

Ion Ratio Lower Upper

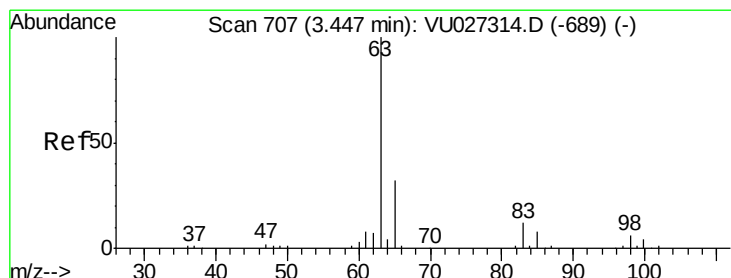
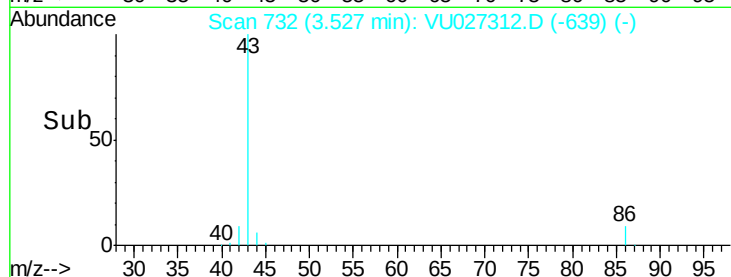
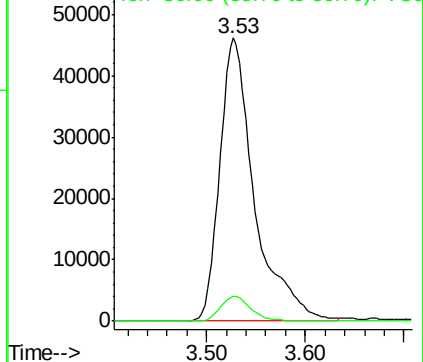
43 100

86 8.8 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 4.910 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

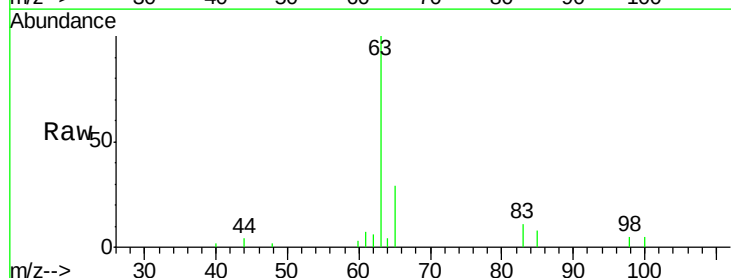
Tgt Ion: 63 Resp: 14301

Ion Ratio Lower Upper

63 100

98 5.1 3.0 9.2

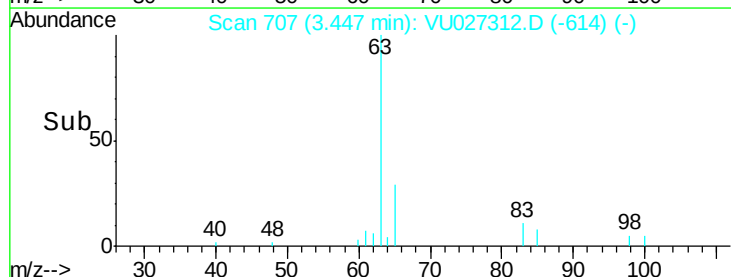
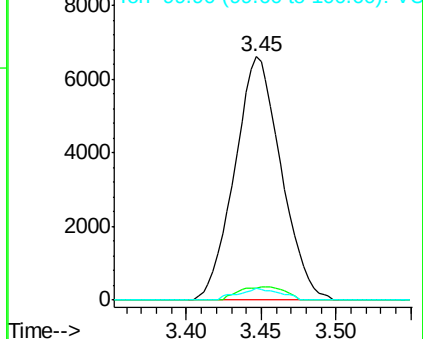
100 4.6 1.8 5.5

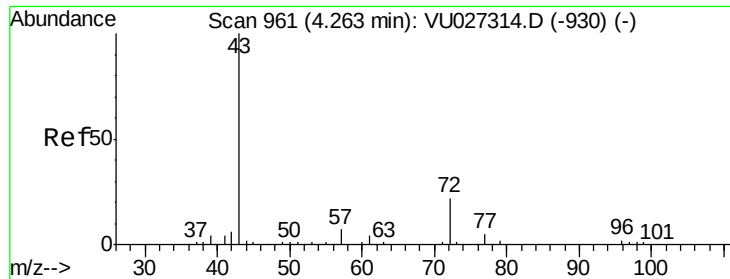


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 25.090 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

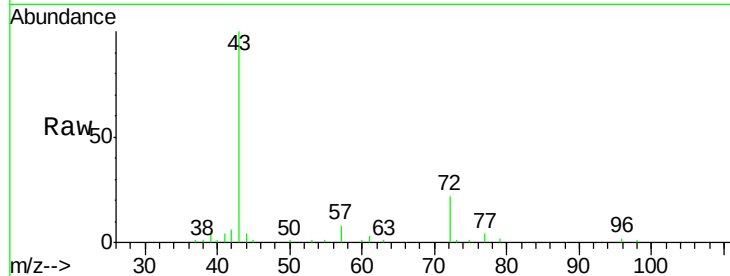
VSTDIC005

Tgt Ion: 43 Resp: 37507

Ion Ratio Lower Upper

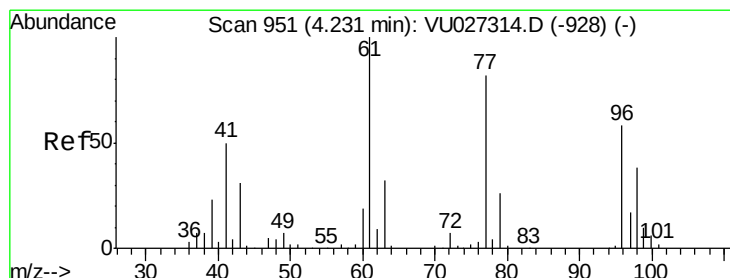
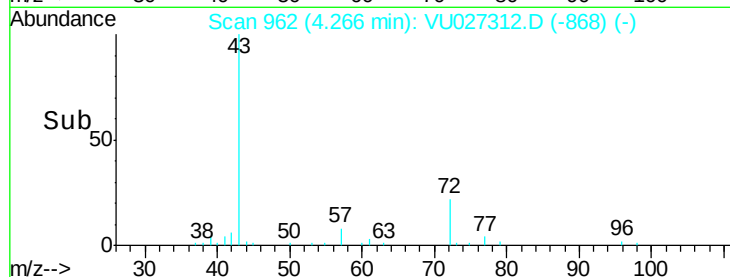
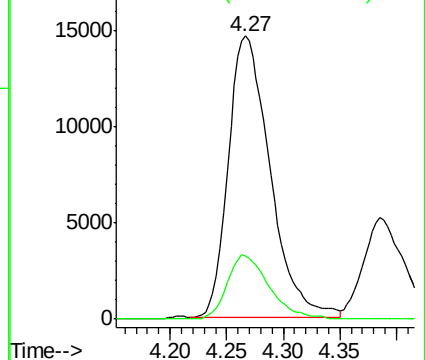
43 100

72 22.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 4.948 ug/l

RT: 4.23 min Scan# 951

Delta R.T. -0.00 min

Lab File: VU027312.D

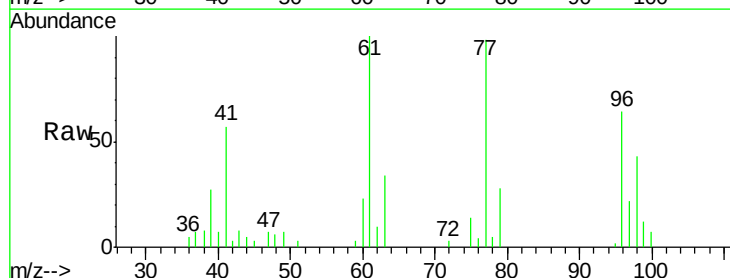
Acq: 01 Oct 2018 10:30

Tgt Ion: 77 Resp: 11842

Ion Ratio Lower Upper

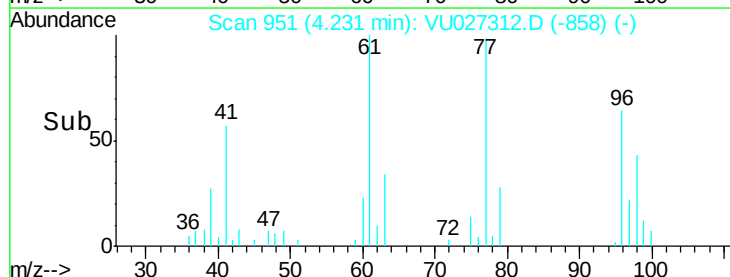
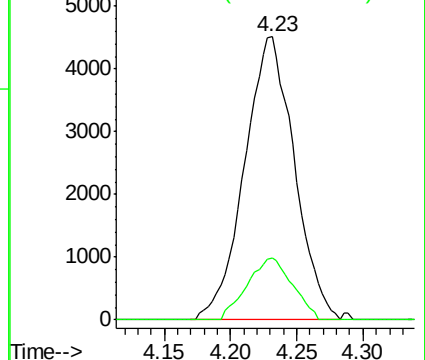
77 100

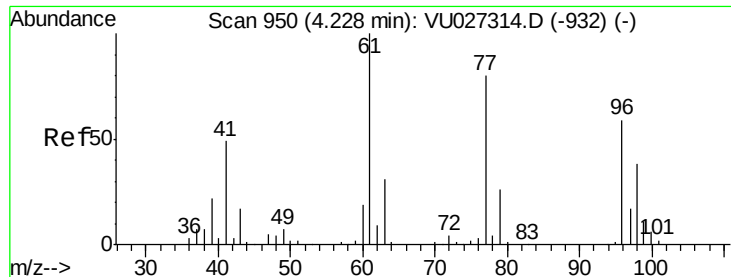
97 19.9 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



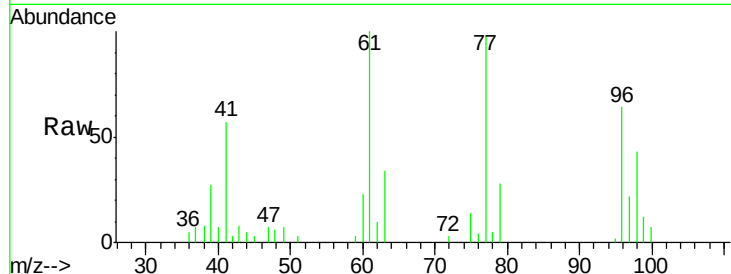


#27

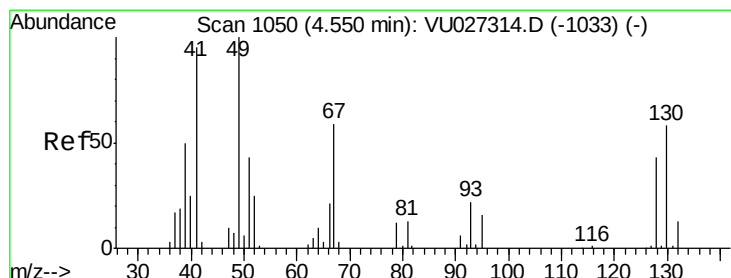
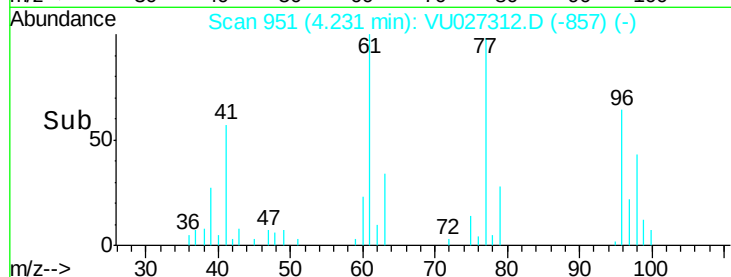
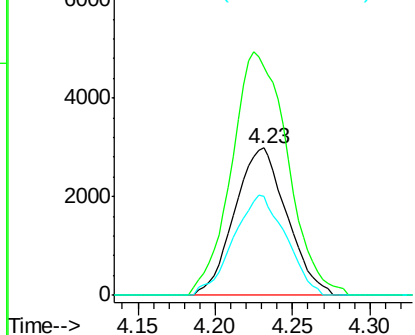
cis-1,2-Dichloroethene
Concen: 4.660 ug/l
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 7024
Ion Ratio Lower Upper
96 100
61 176.4 0.0 343.8
98 68.0 0.0 129.0



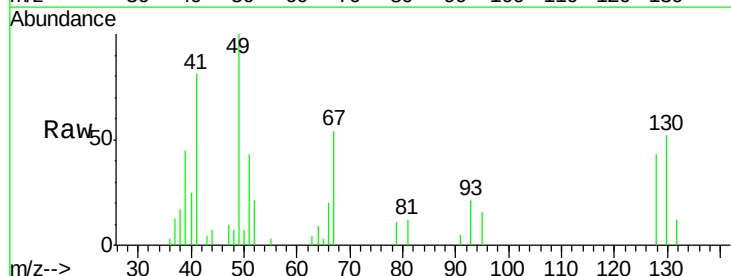
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



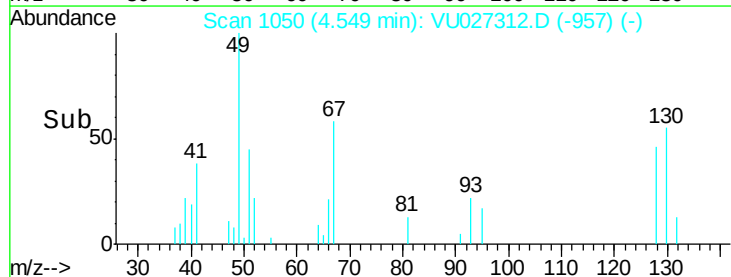
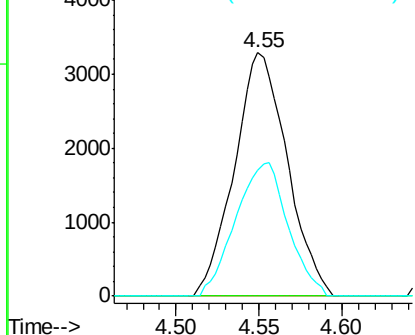
#28

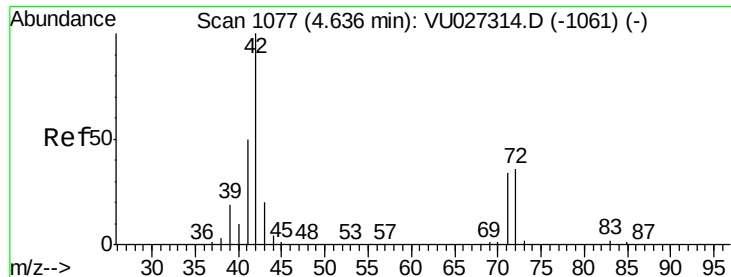
Bromochloromethane
Concen: 5.197 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion: 49 Resp: 7303
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.0
130 54.3 46.1 69.1



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

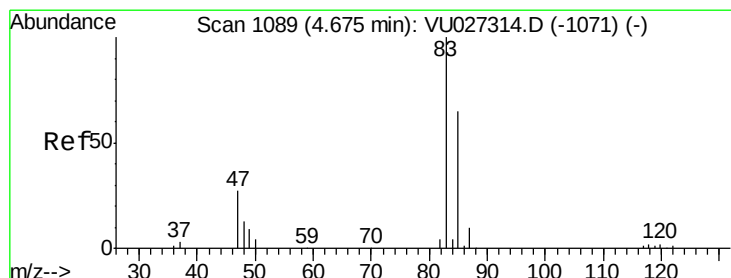
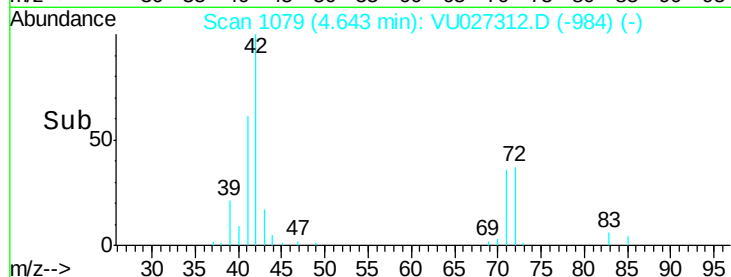
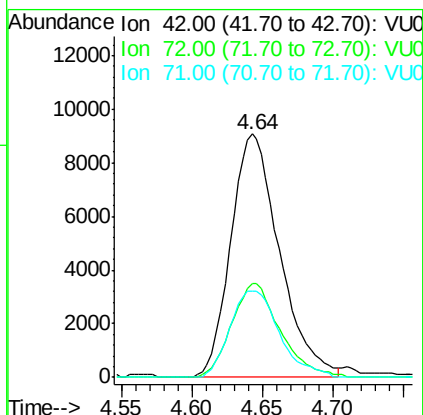
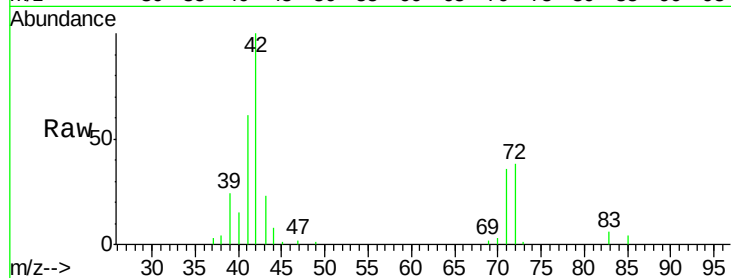




#29
Tetrahydrofuran
Concen: 23.308 ug/l
RT: 4.64 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

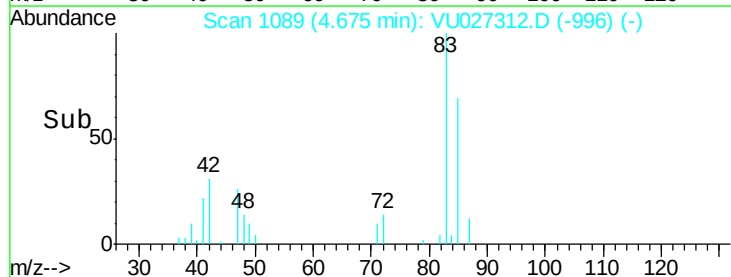
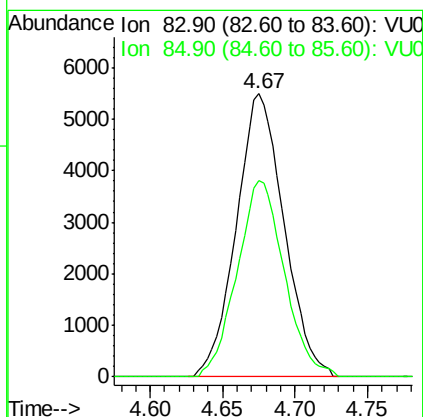
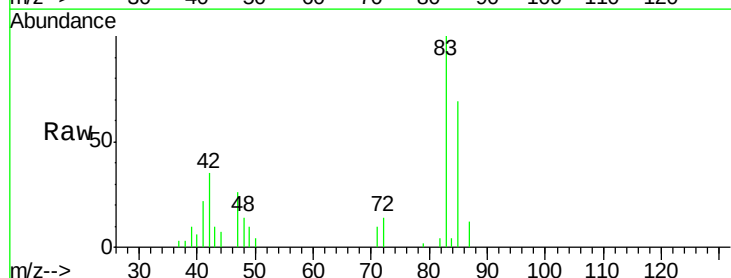
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

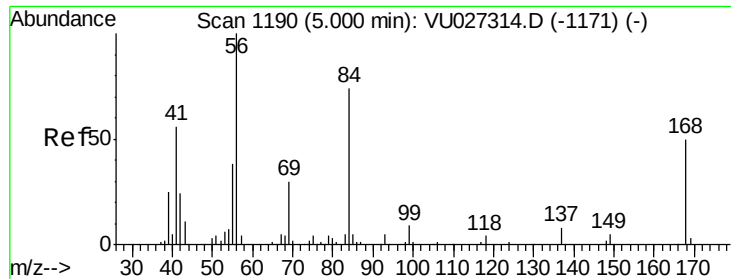
Tgt Ion: 42 Resp: 21959
Ion Ratio Lower Upper
42 100
72 38.3 30.1 45.1
71 36.0 27.7 41.5



#30
Chloroform
Concen: 4.847 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion: 83 Resp: 12544
Ion Ratio Lower Upper
83 100
85 69.3 51.8 77.6

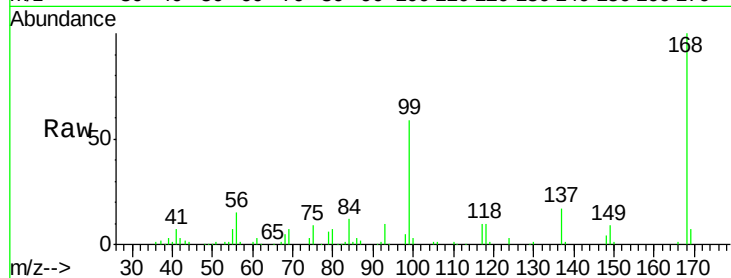




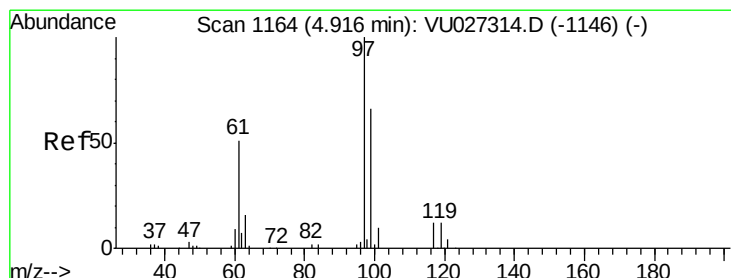
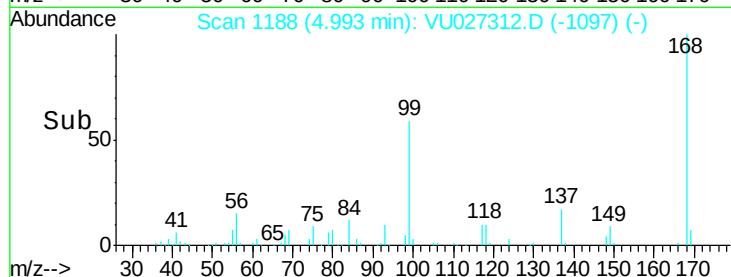
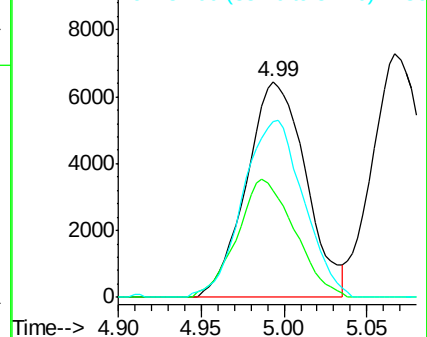
#31
Cyclohexane
Concen: 4.716 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 16062
Ion Ratio Lower Upper
56 100
69 49.3 24.1 36.1#
84 79.7 59.1 88.7

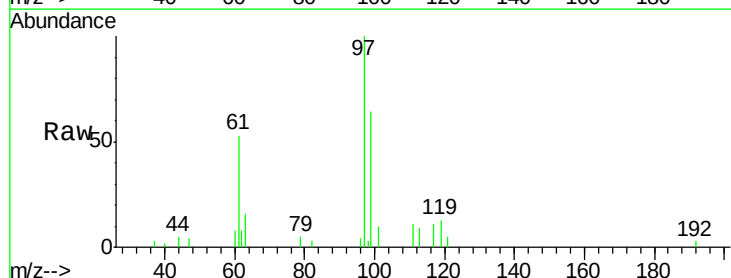


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

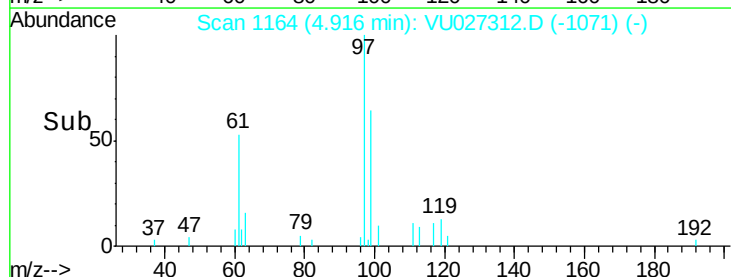
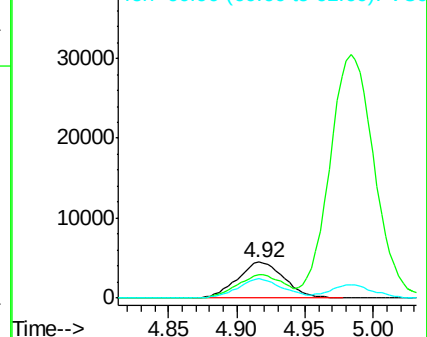


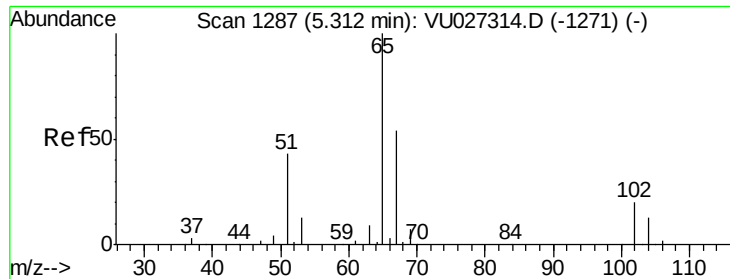
#32
1,1,1-Trichloroethane
Concen: 4.907 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion: 97 Resp: 10695
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 52.3 39.6 59.4



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

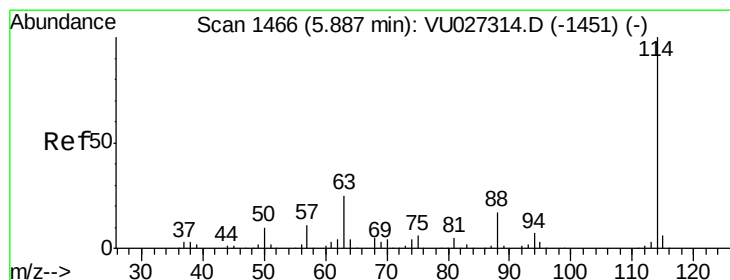
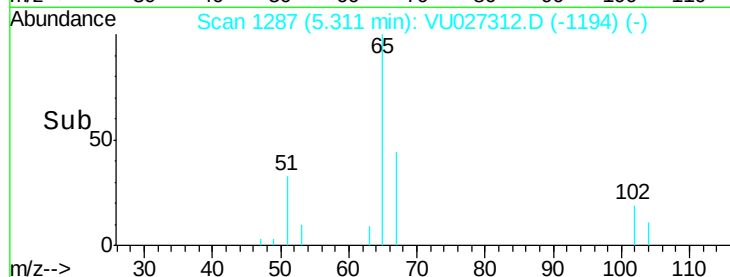
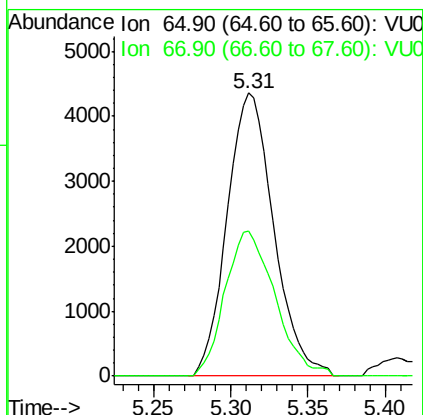
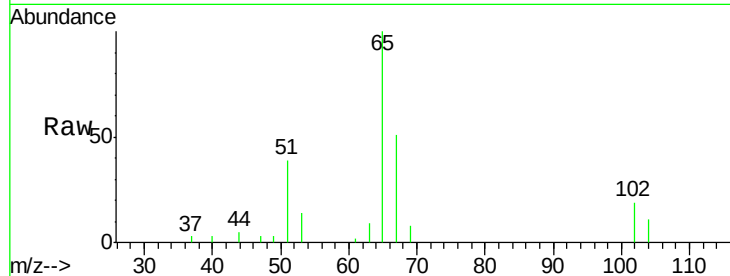




#33
 1,2-Dichloroethane-d4
 Concen: 5.182 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

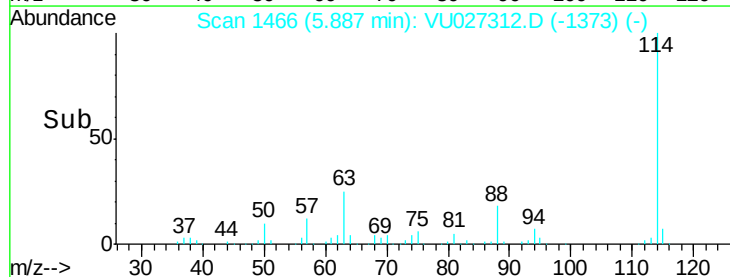
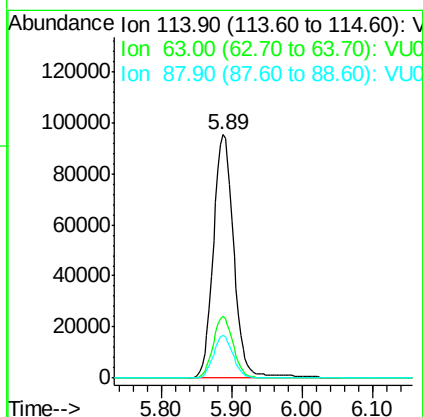
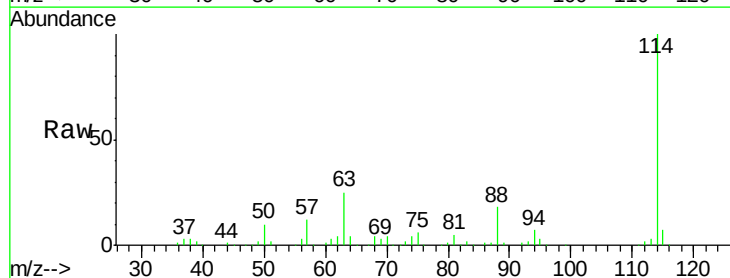
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

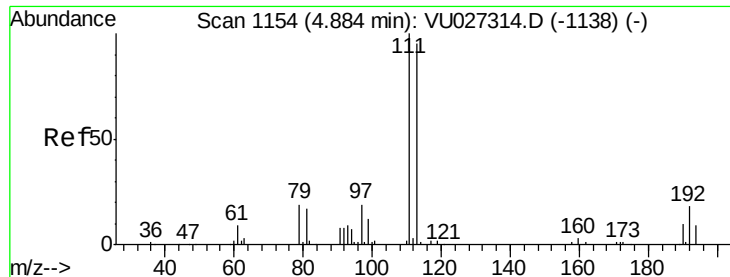
Tgt Ion: 65 Resp: 9138
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion: 114 Resp: 193269
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.2
 88 17.7 0.0 33.8

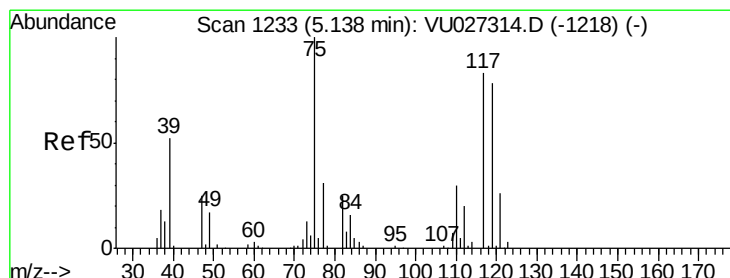
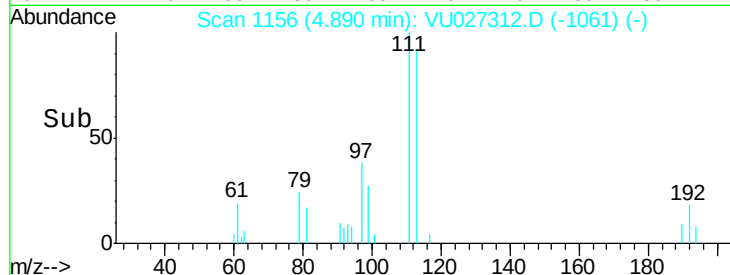
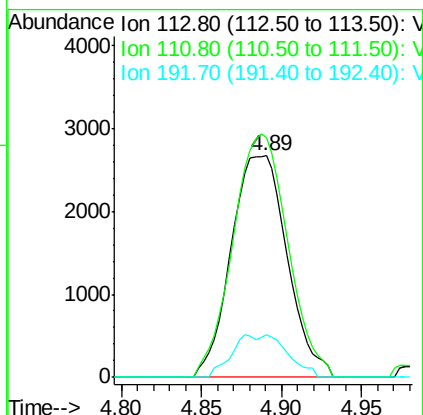
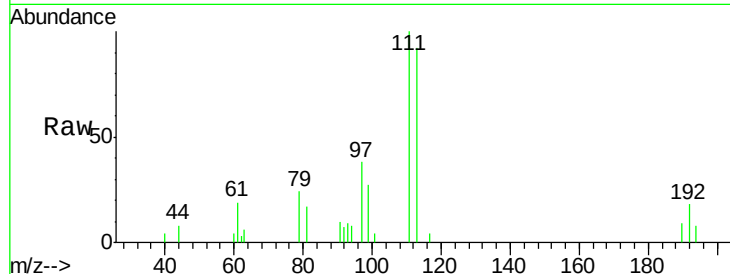




#35
 Dibromofluoromethane
 Concen: 5.044 ug/l
 RT: 4.89 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

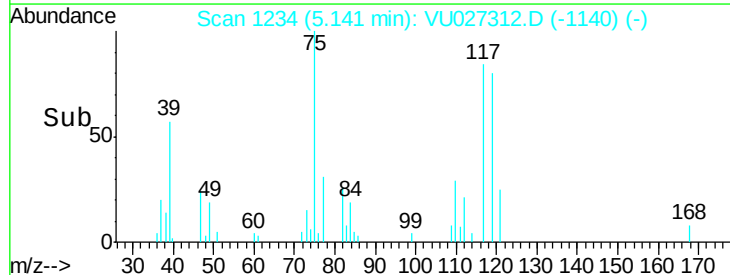
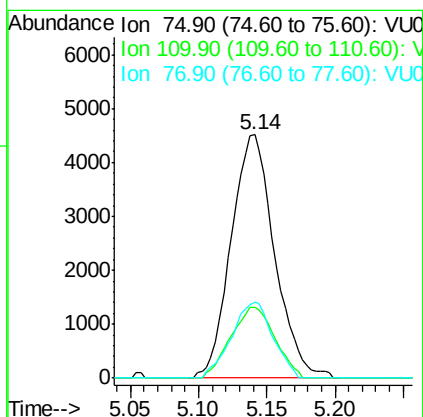
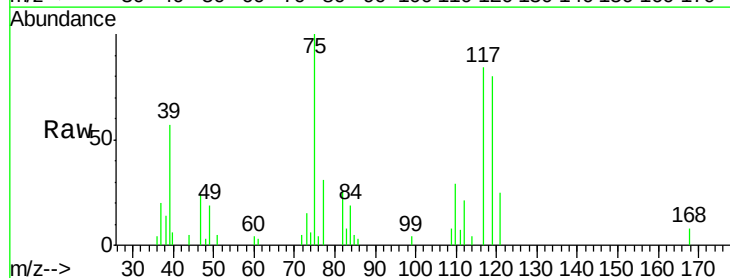
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

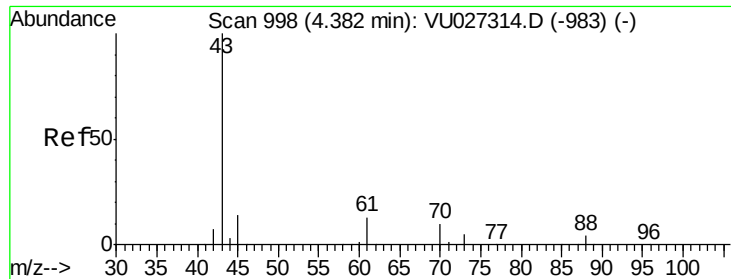
Tgt Ion: 113 Resp: 6407
 Ion Ratio Lower Upper
 113 100
 111 107.4 83.1 124.7
 192 8.7 15.4 23.0#



#36
 1,1-Dichloropropene
 Concen: 4.763 ug/l
 RT: 5.14 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion: 75 Resp: 9996
 Ion Ratio Lower Upper
 75 100
 110 29.6 15.5 46.5
 77 29.7 25.4 38.0

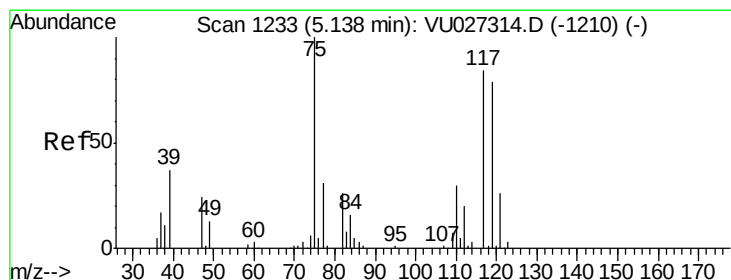
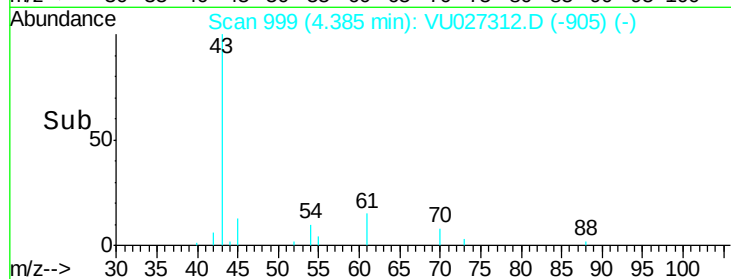
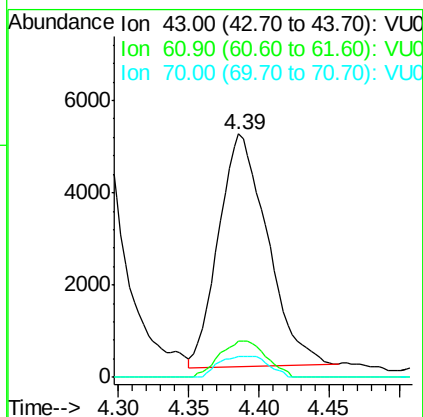
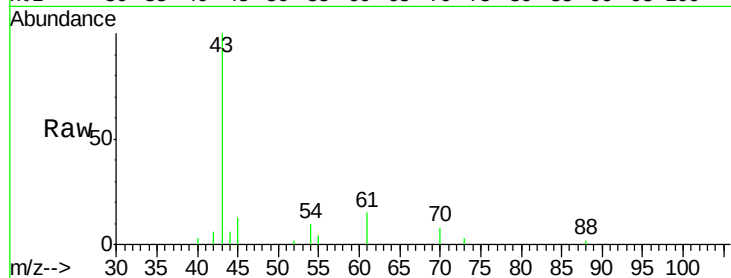




#37
Ethyl Acetate
Concen: 4.690 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

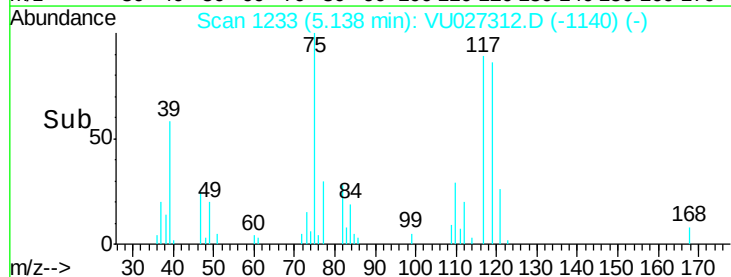
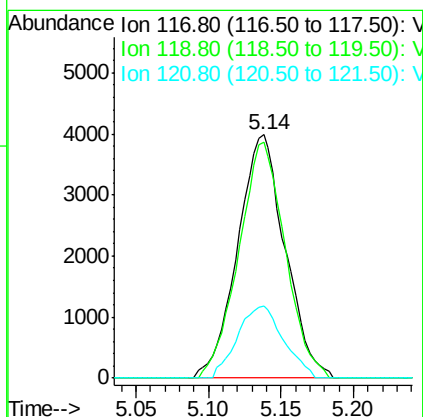
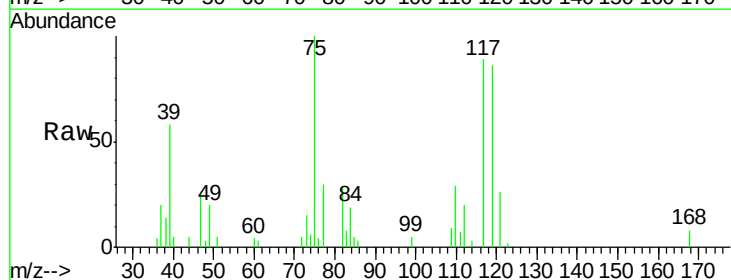
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

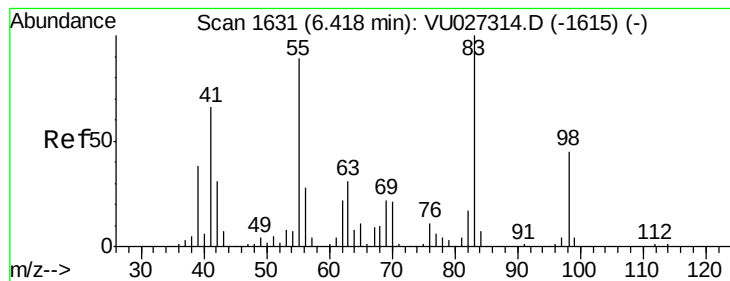
Tgt Ion: 43 Resp: 12136
Ion Ratio Lower Upper
43 100
61 15.1 10.7 16.1
70 9.1 7.4 11.2



#38
Carbon Tetrachloride
Concen: 4.794 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion: 117 Resp: 9087
Ion Ratio Lower Upper
117 100
119 97.0 74.5 111.7
121 29.6 24.6 37.0





#39

Methylcyclohexane

Concen: 4.592 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

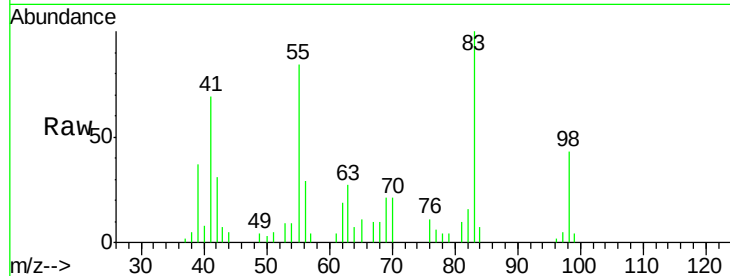
Tgt Ion: 83 Resp: 11264

Ion Ratio Lower Upper

83 100

55 83.8 71.1 106.7

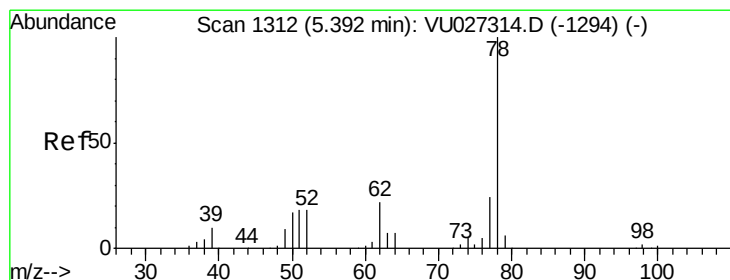
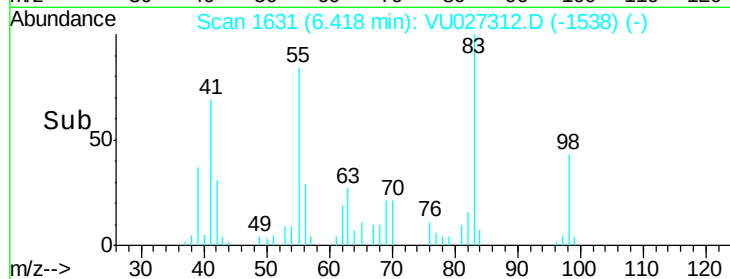
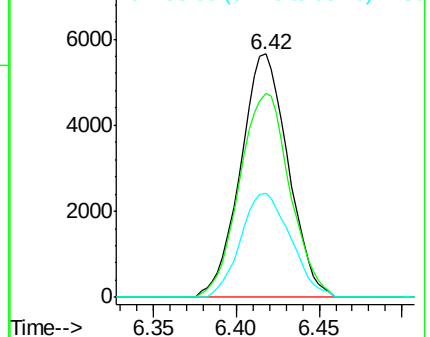
98 43.0 36.3 54.5



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: 4.763 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027312.D

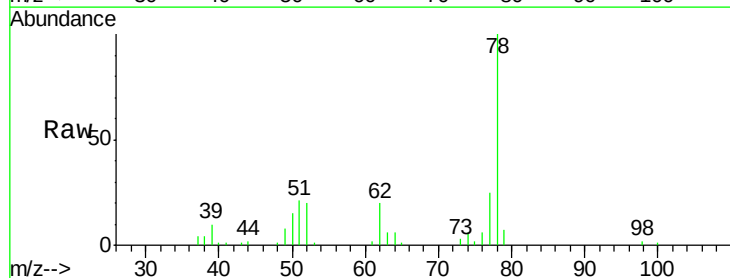
Acq: 01 Oct 2018 10:30

Tgt Ion: 78 Resp: 29113

Ion Ratio Lower Upper

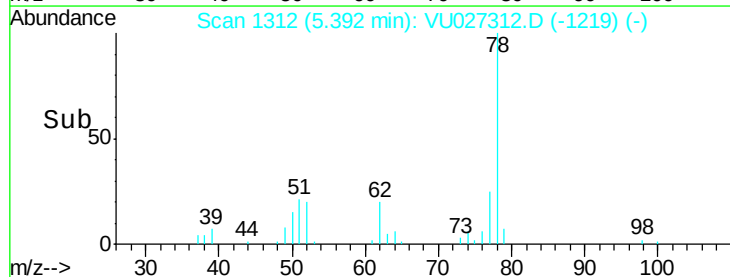
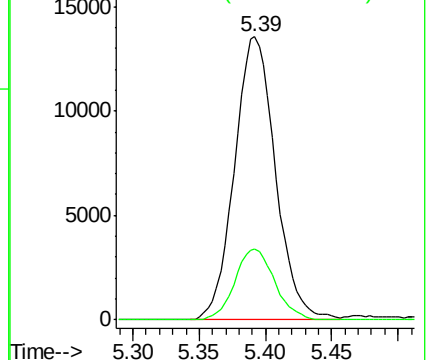
78 100

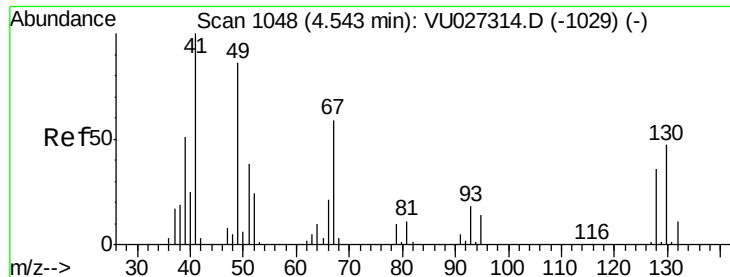
77 24.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

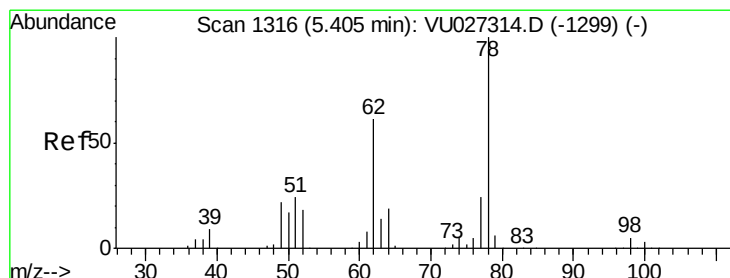
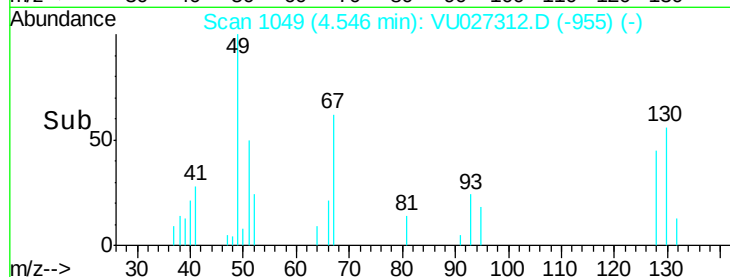
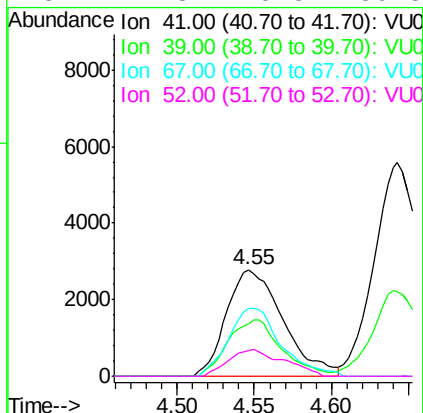
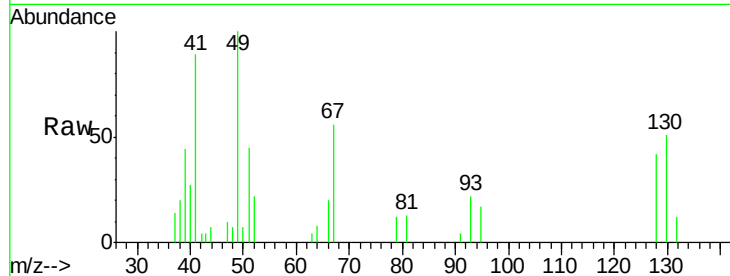




#41
Methacrylonitrile
Concen: 4.604 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

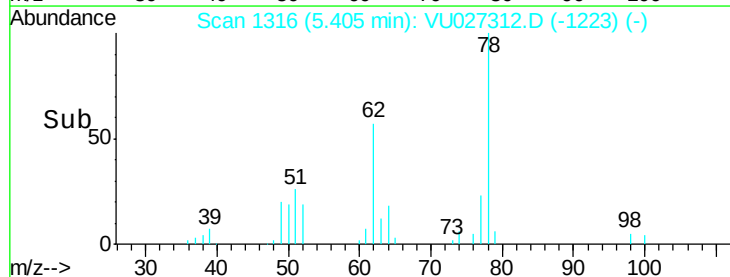
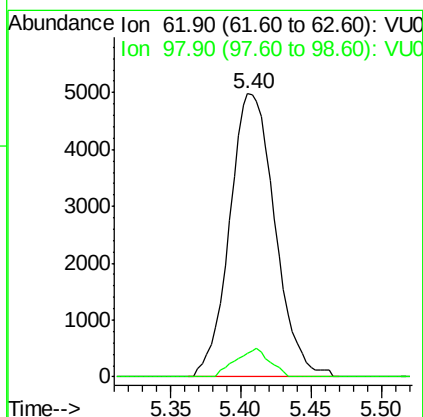
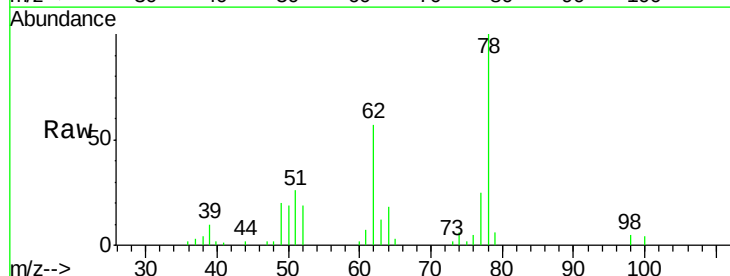
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

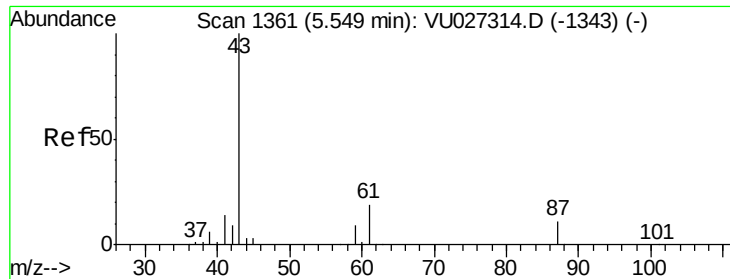
Tgt Ion:	41	Resp:	7057
Ion	Ratio	Lower	Upper
41	100		
39	50.5	41.1	61.7
67	59.1	50.4	75.6
52	24.8	20.3	30.5



#42
1,2-Dichloroethane
Concen: 4.924 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion:	62	Resp:	11173
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.8





#43

Isopropyl Acetate

Concen: 4.668 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

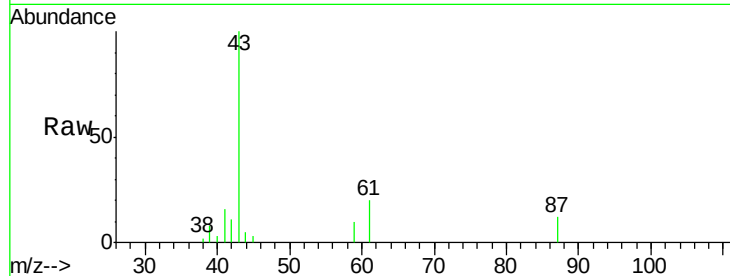
Tgt Ion: 43 Resp: 19664

Ion Ratio Lower Upper

43 100

61 18.7 15.3 22.9

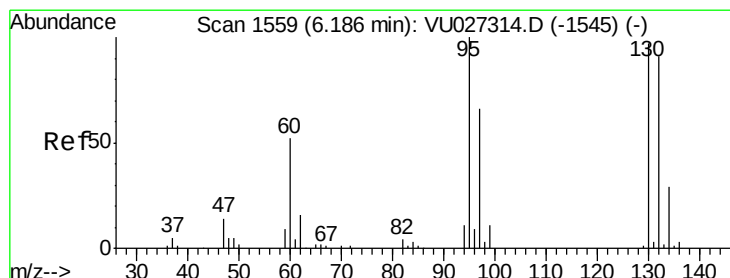
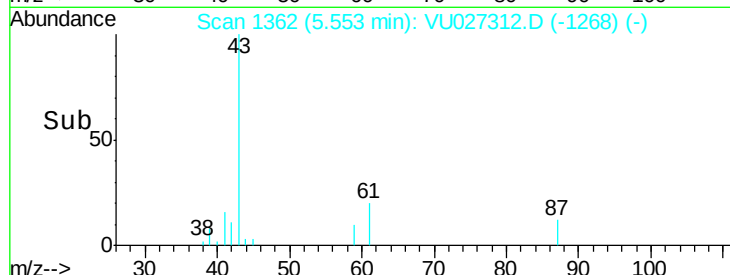
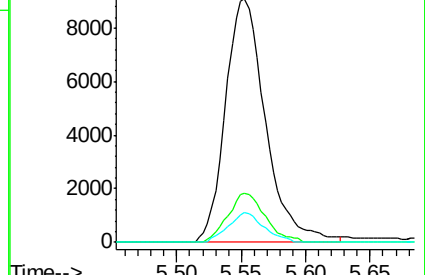
87 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027312.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU027312.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU027312.D (-1343) (-)



#44

Trichloroethene

Concen: 4.712 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027312.D

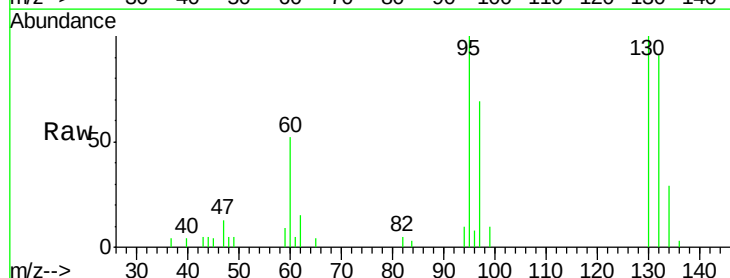
Acq: 01 Oct 2018 10:30

Tgt Ion: 130 Resp: 6422

Ion Ratio Lower Upper

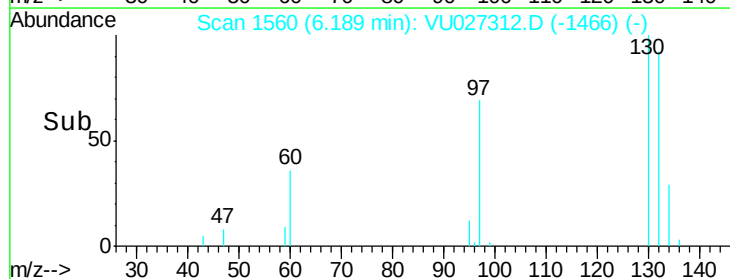
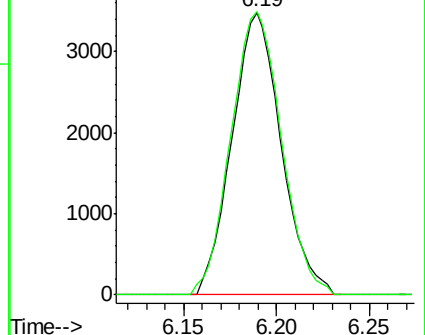
130 100

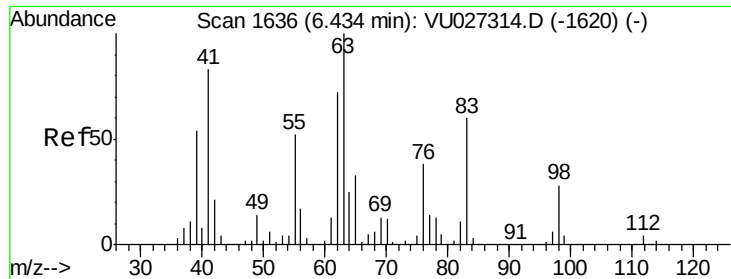
95 100.3 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027312.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU027312.D (-1466) (-)

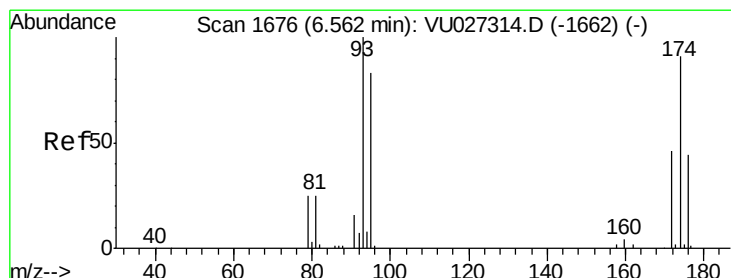
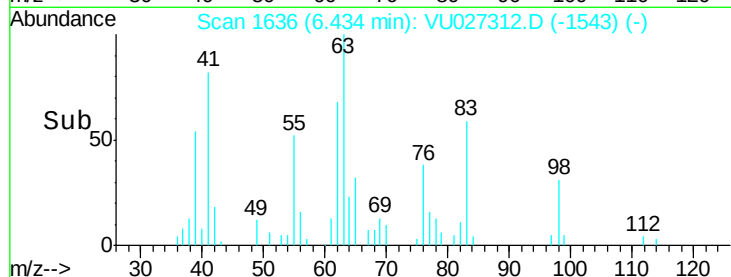
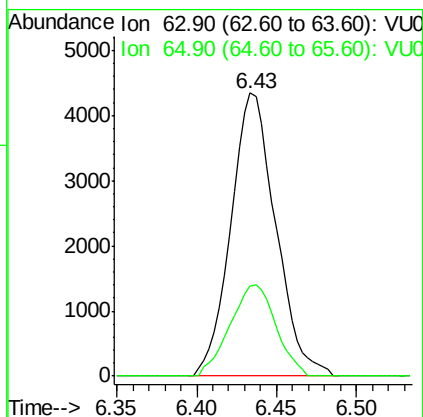
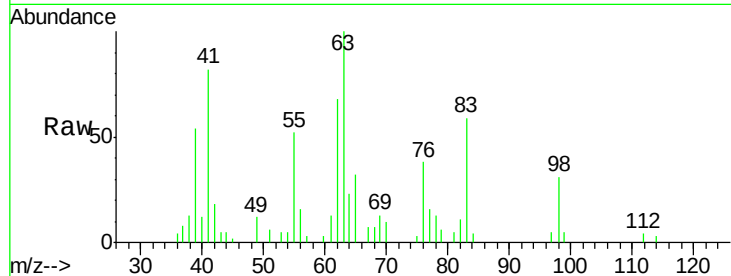




#45
 1,2-Dichloropropane
 Concen: 4.717 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

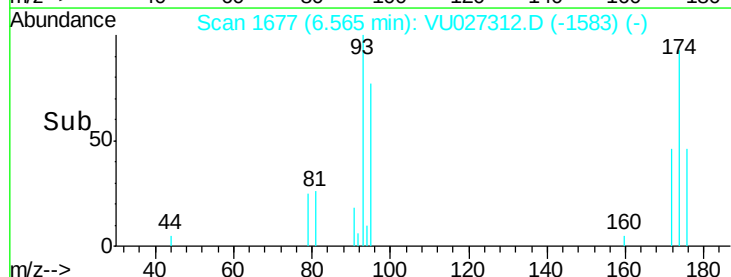
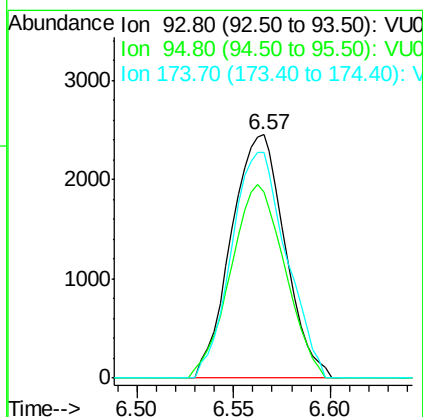
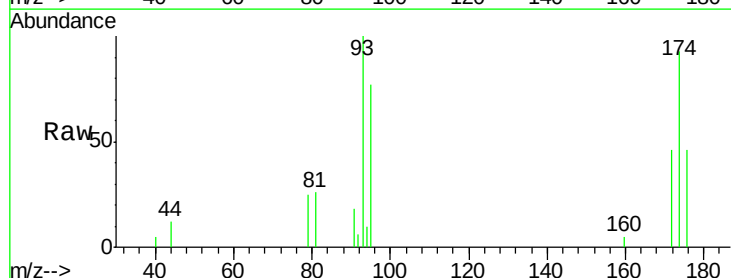
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

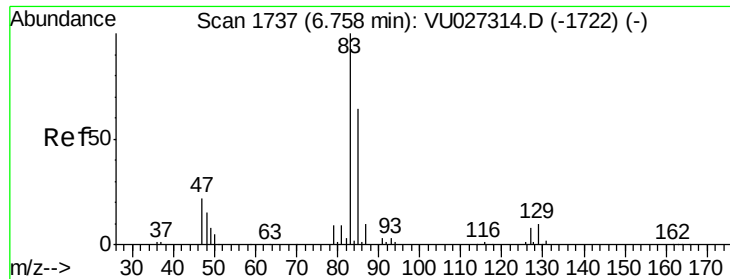
Tgt Ion: 63 Resp: 8316
 Ion Ratio Lower Upper
 63 100
 65 31.9 26.0 39.0



#46
 Dibromomethane
 Concen: 4.758 ug/l
 RT: 6.57 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion: 93 Resp: 4738
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.5 99.7
 174 94.6 72.5 108.7





#47

Bromodichloromethane

Concen: 4.633 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

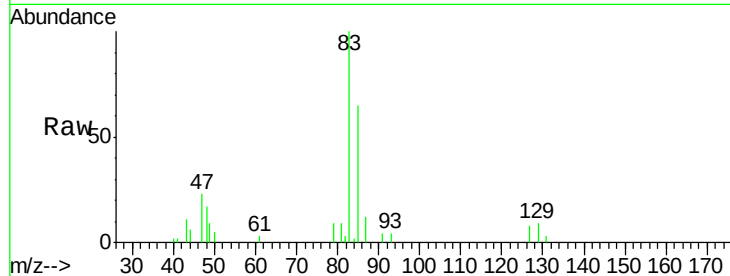
Tgt Ion: 83 Resp: 9572

Ion Ratio Lower Upper

83 100

85 65.5 51.4 77.0

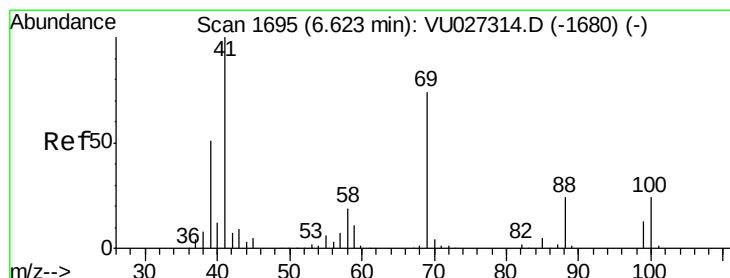
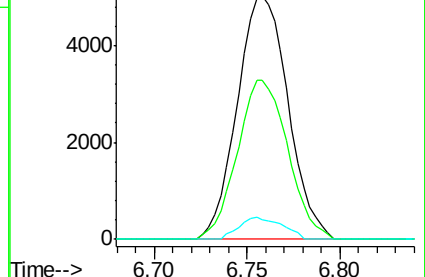
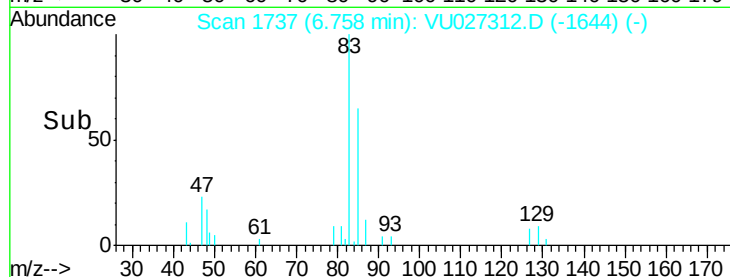
127 8.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU027312.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027312.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027312.D (-1644) (-)



#48

Methyl methacrylate

Concen: 4.423 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

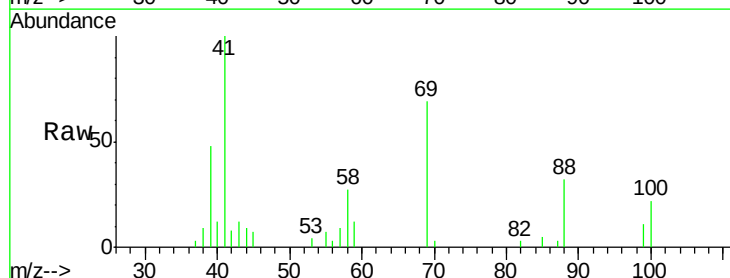
Tgt Ion: 41 Resp: 9264

Ion Ratio Lower Upper

41 100

69 70.6 61.0 91.4

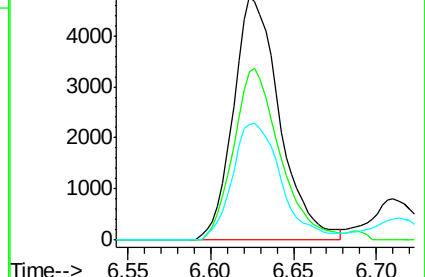
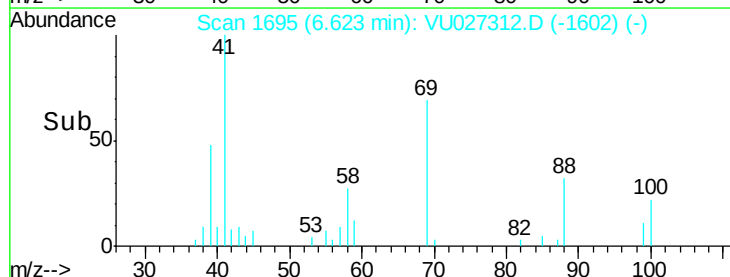
39 50.3 39.9 59.9

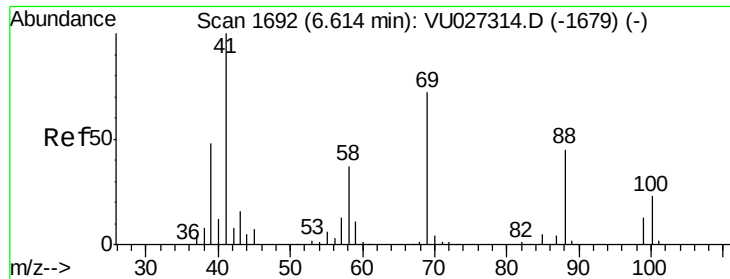


Abundance Ion 41.00 (40.70 to 41.70): VU027312.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027312.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027312.D (-1602) (-)

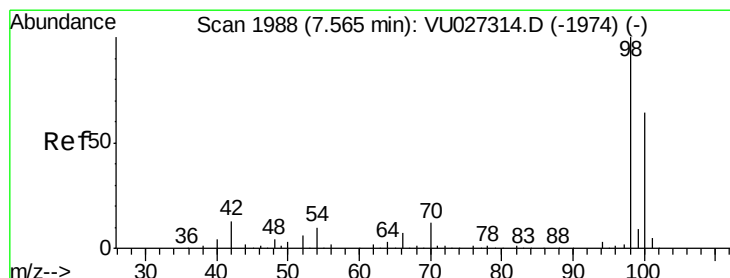
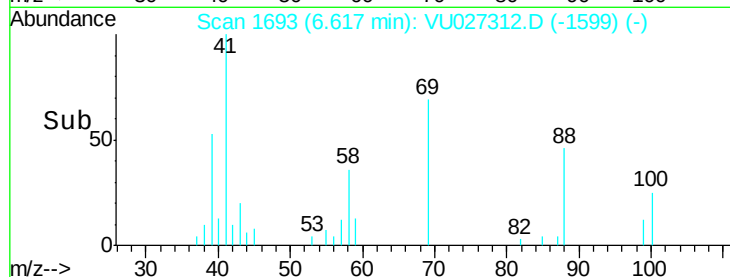
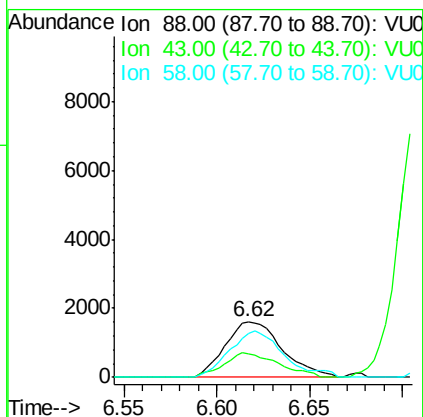
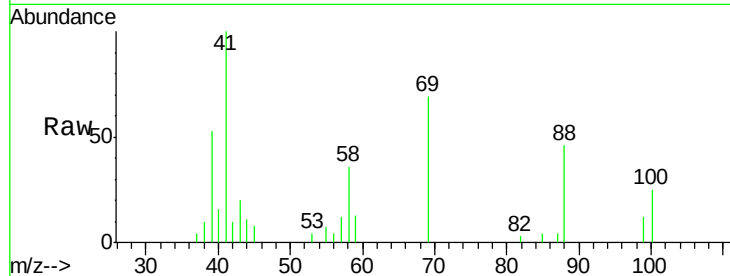




#49
1,4-Dioxane
Concen: 95.478 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

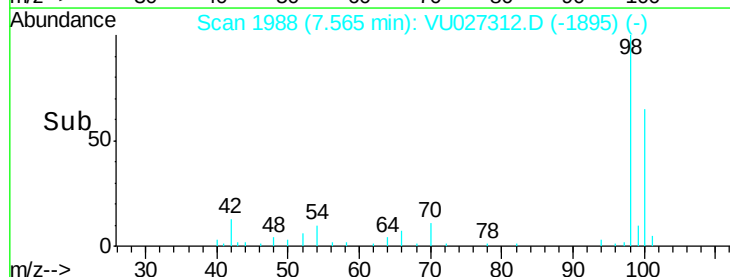
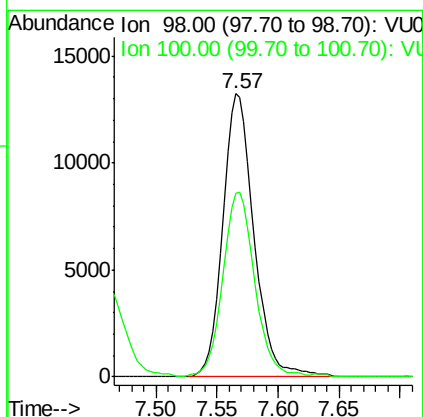
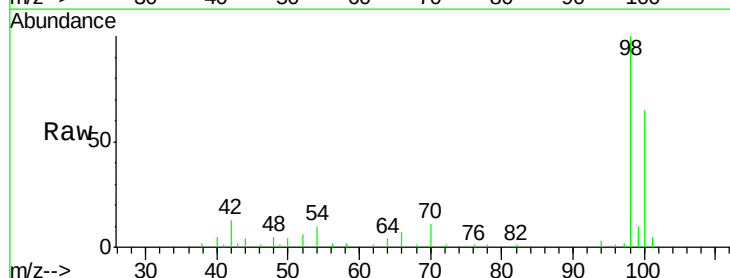
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

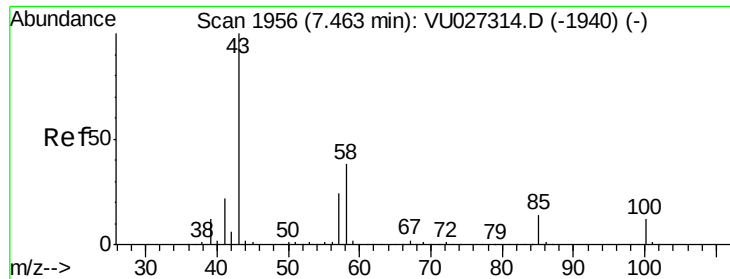
Tgt Ion: 88 Resp: 3441
Ion Ratio Lower Upper
88 100
43 41.9 30.8 46.2
58 79.4 67.0 100.6



#50
Toluene-d8
Concen: 4.776 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion: 98 Resp: 23672
Ion Ratio Lower Upper
98 100
100 67.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 23.357 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

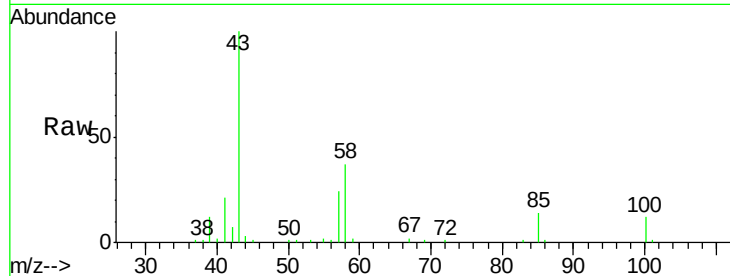
VSTDIC005

Tgt Ion: 43 Resp: 63929

Ion Ratio Lower Upper

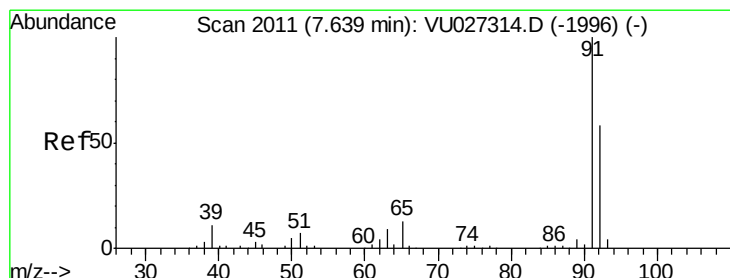
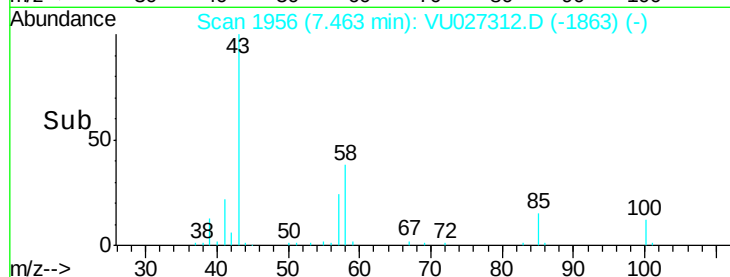
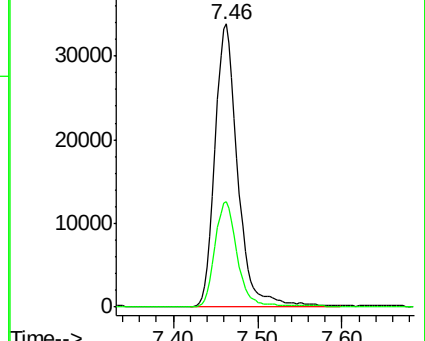
43 100

58 36.6 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 4.694 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027312.D

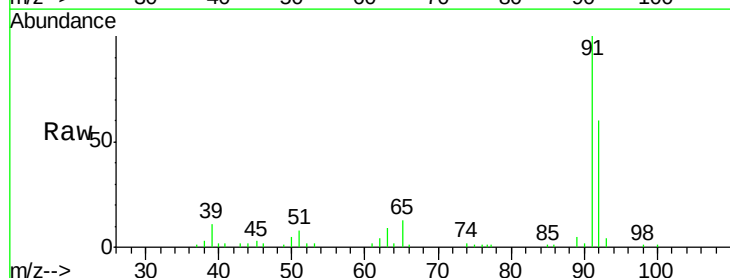
Acq: 01 Oct 2018 10:30

Tgt Ion: 92 Resp: 16984

Ion Ratio Lower Upper

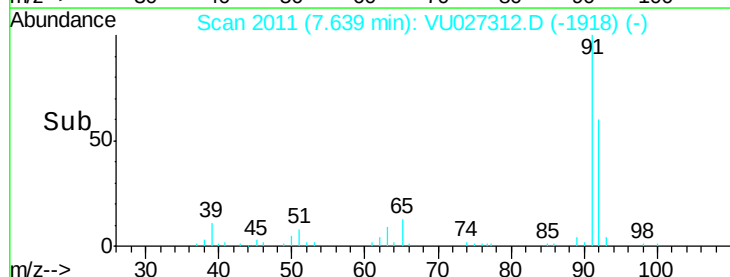
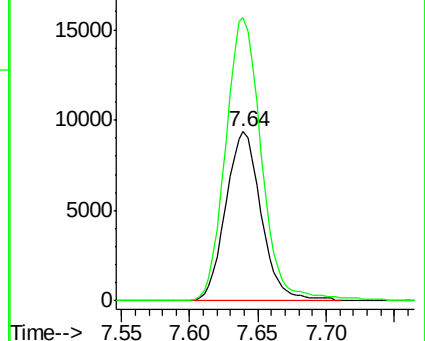
92 100

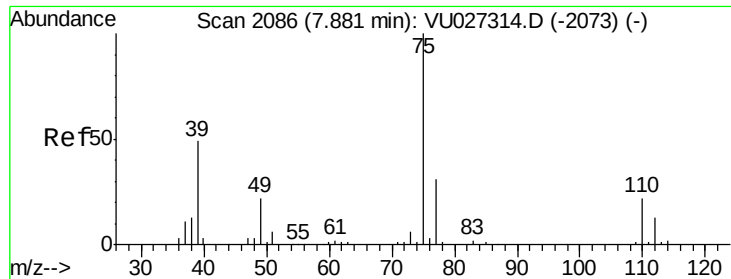
91 169.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 4.539 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

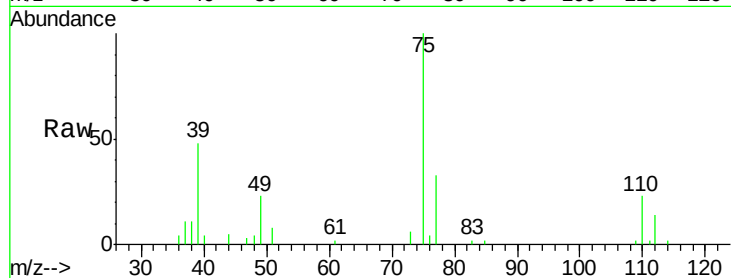
VSTDIC005

Tgt Ion: 75 Resp: 10995

Ion Ratio Lower Upper

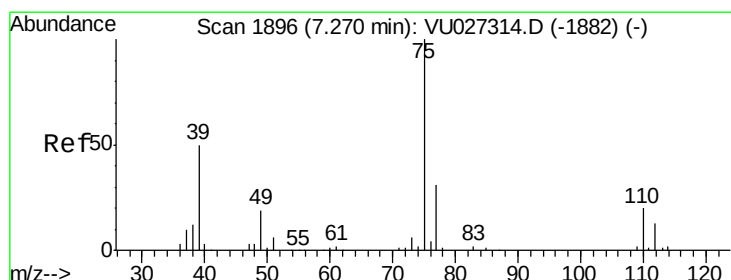
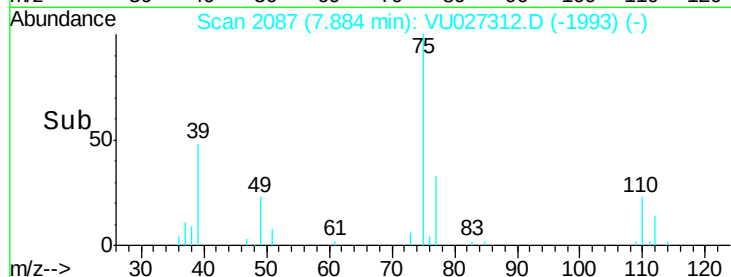
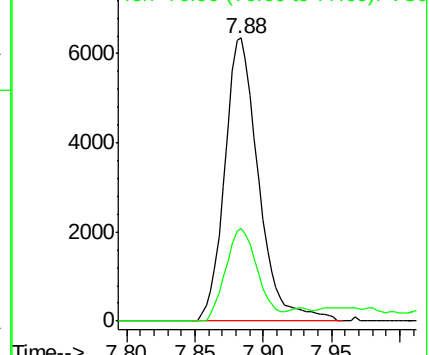
75 100

77 32.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 4.604 ug/l

RT: 7.27 min Scan# 1897

Delta R.T. 0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

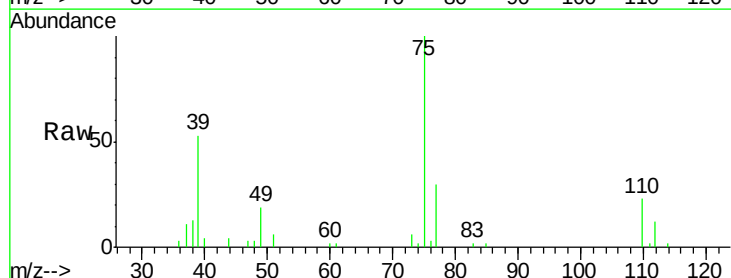
Tgt Ion: 75 Resp: 11989

Ion Ratio Lower Upper

75 100

77 29.5 24.5 36.7

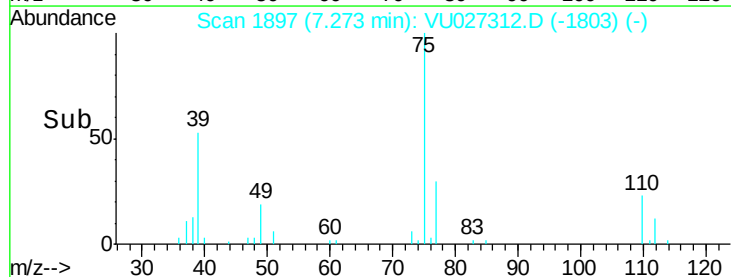
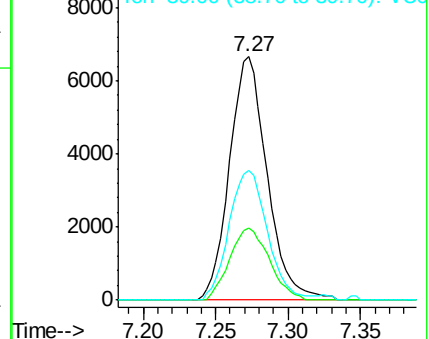
39 53.5 40.1 60.1

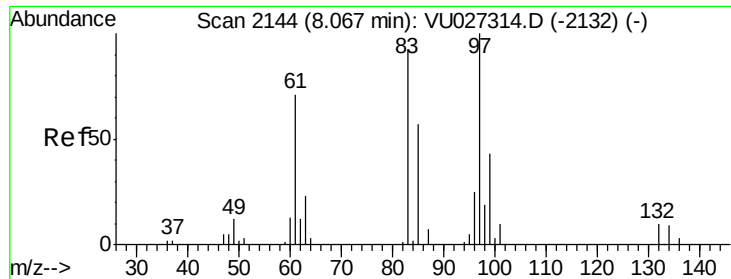


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

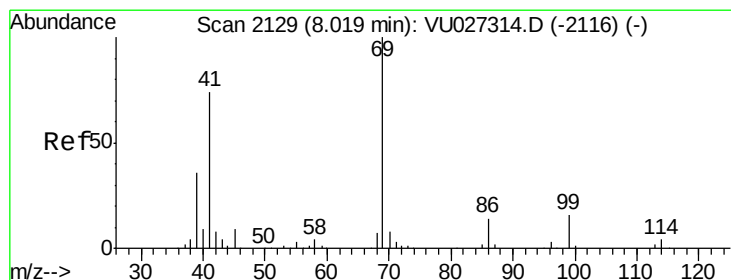
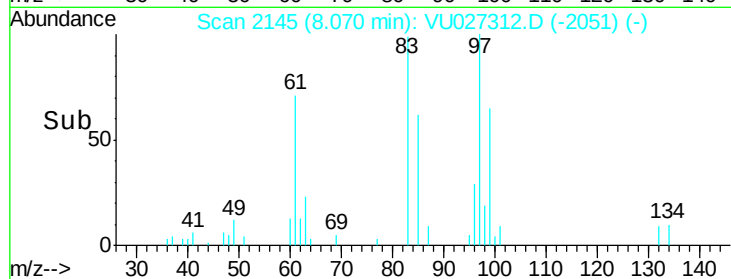
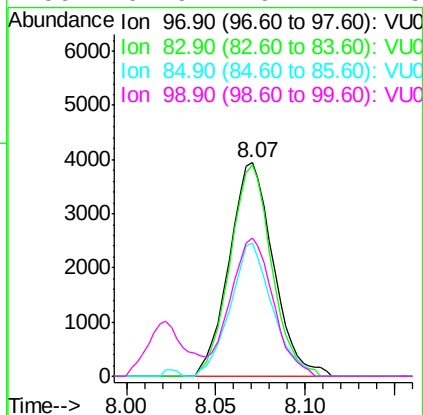
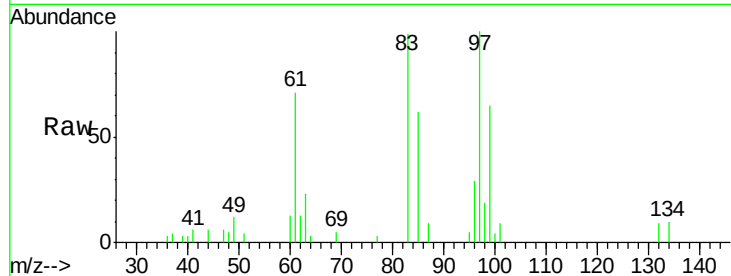




#55
 1,1,2-Trichloroethane
 Concen: 4.722 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

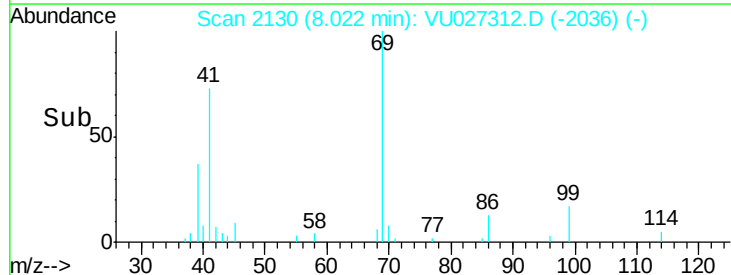
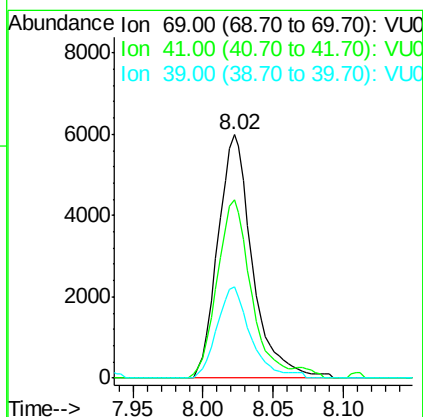
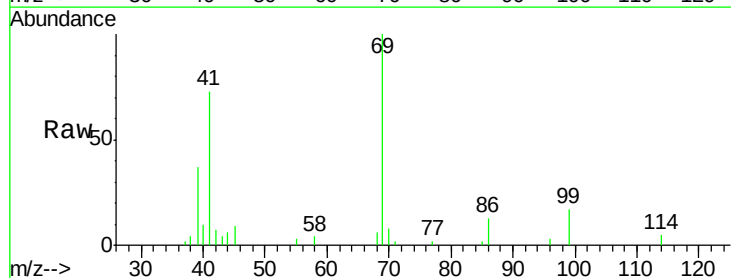
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

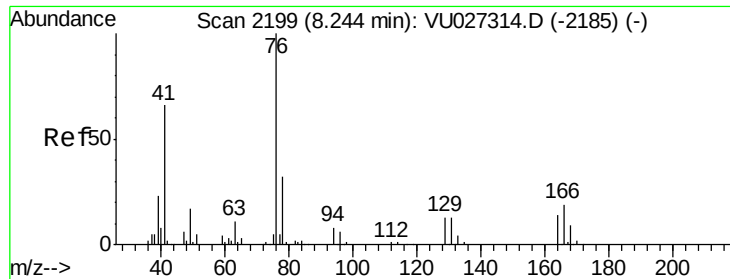
Tgt Ion:	97	Resp:	6773
Ion	Ratio	Lower	Upper
97	100		
83	98.7	73.0	109.6
85	62.2	47.3	70.9
99	64.9	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 4.286 ug/l
 RT: 8.02 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion:	69	Resp:	10203
Ion	Ratio	Lower	Upper
69	100		
41	71.7	60.0	90.0
39	36.6	29.5	44.3

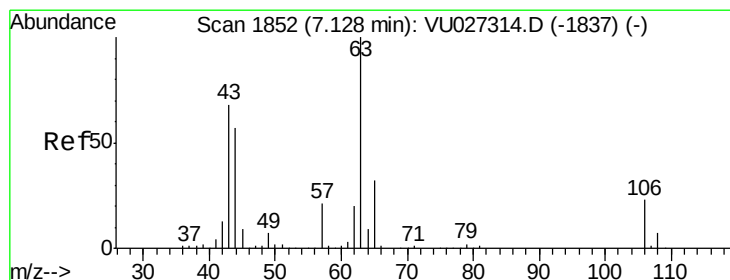
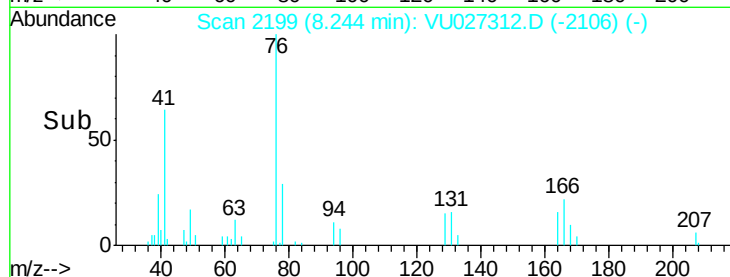
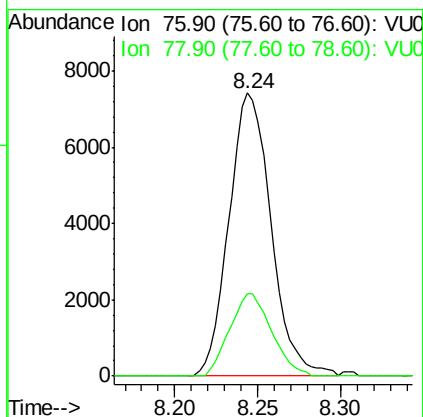
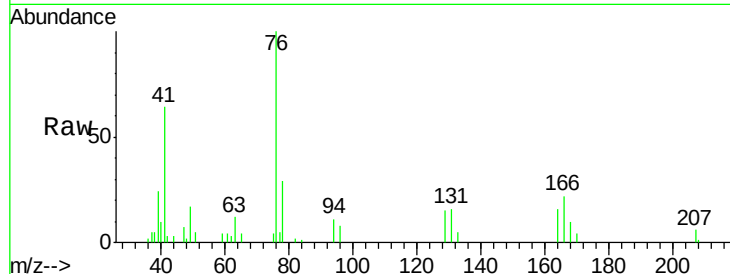




#57
 1,3-Dichloropropane
 Concen: 4.704 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

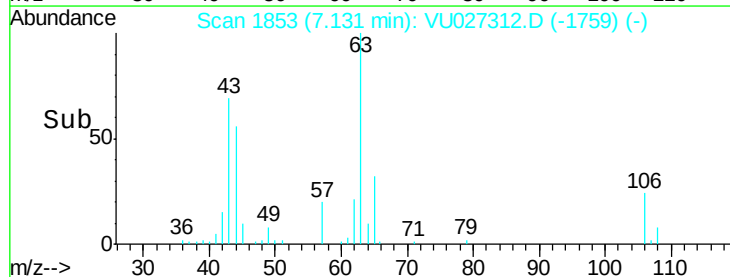
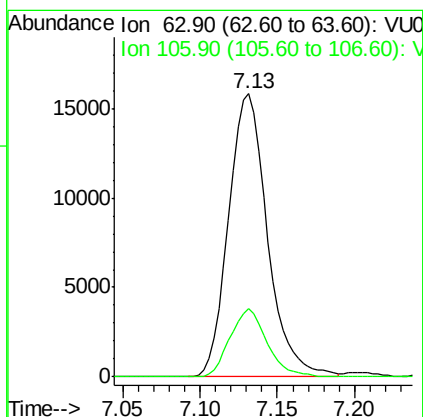
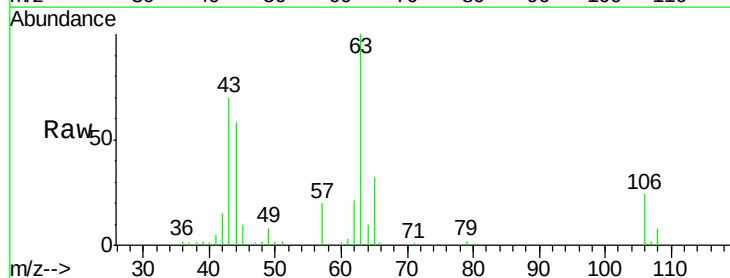
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

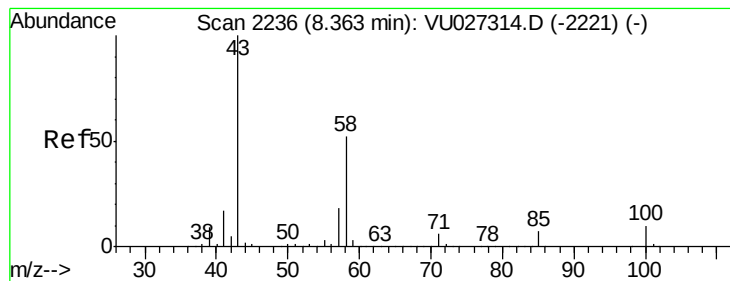
Tgt Ion: 76 Resp: 13100
 Ion Ratio Lower Upper
 76 100
 78 28.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 20.791 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion: 63 Resp: 27650
 Ion Ratio Lower Upper
 63 100
 106 22.8 18.5 27.7





#59

2-Hexanone

Concen: 22.851 ug/l

RT: 8.37 min Scan# 2237

Delta R.T. 0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

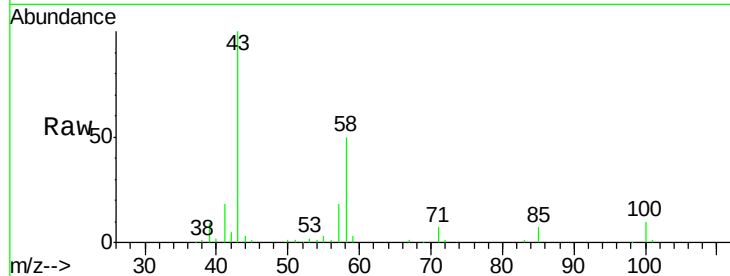
VSTDIC005

Tgt Ion: 43 Resp: 48518

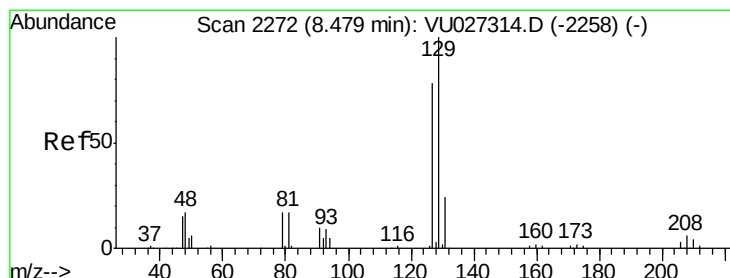
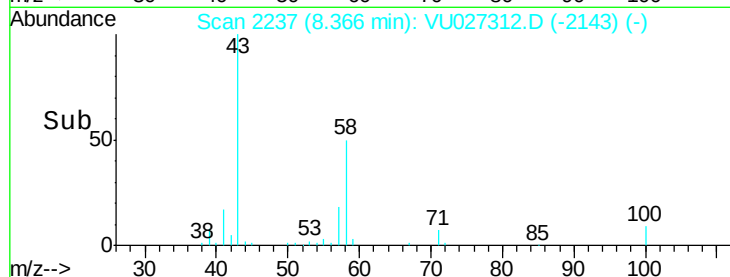
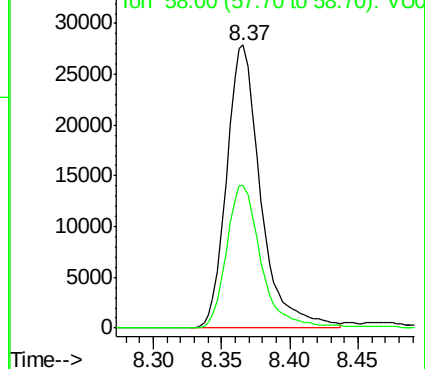
Ion Ratio Lower Upper

43 100

58 51.4 26.1 78.3



Abundance Ion 43.00 (42.70 to 43.70): VU027312.D (-2143) (-)



#60

Dibromochloromethane

Concen: 4.625 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VU027312.D

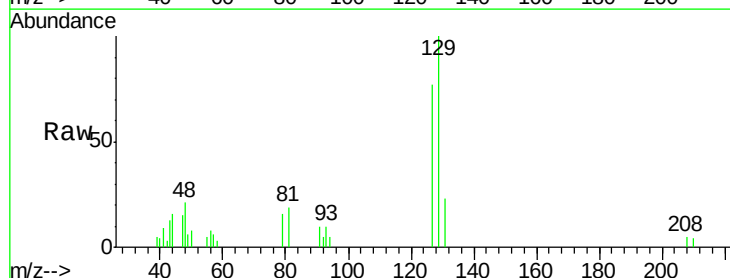
Acq: 01 Oct 2018 10:30

Tgt Ion: 129 Resp: 6654

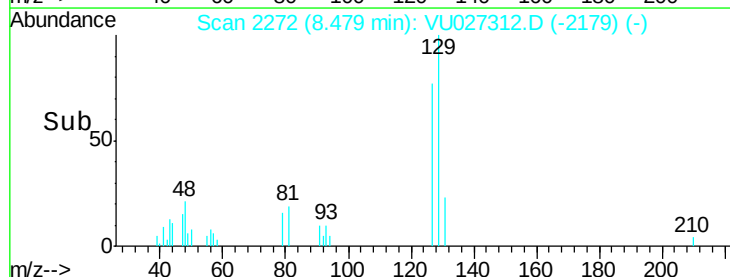
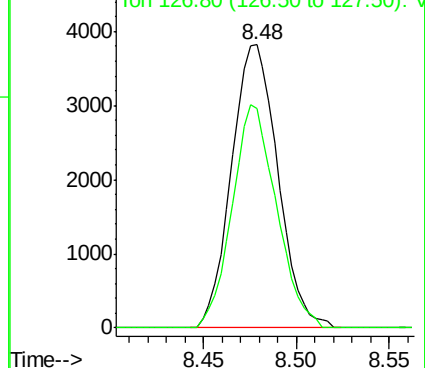
Ion Ratio Lower Upper

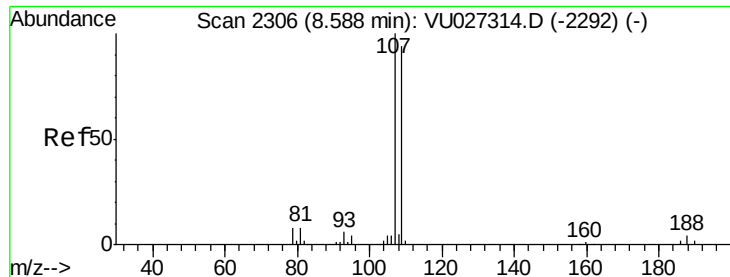
129 100

127 75.2 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VU027312.D (-2179) (-)

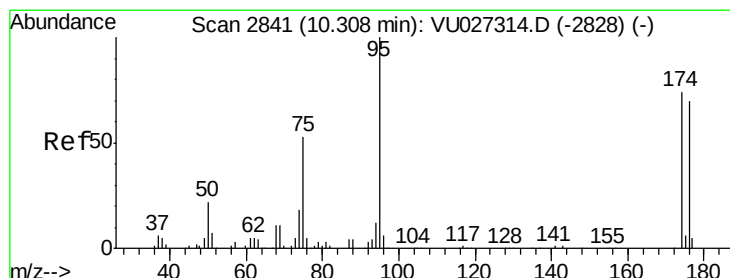
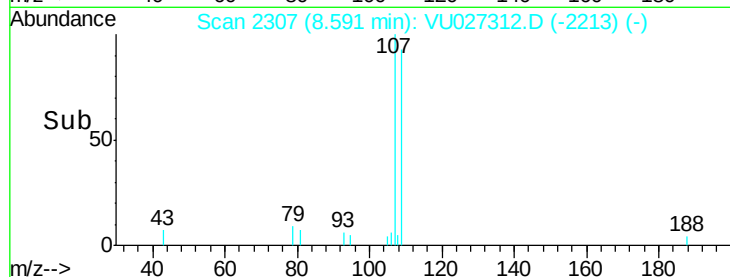
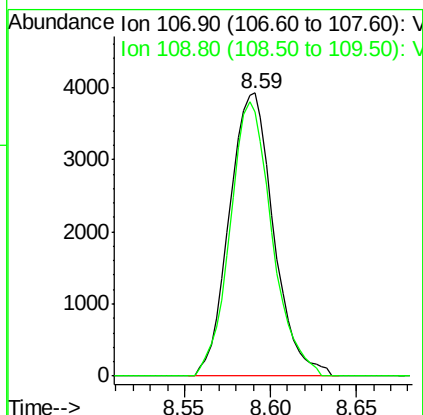
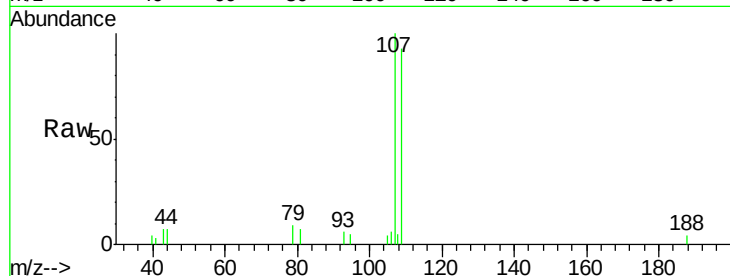




#61
 1,2-Dibromoethane
 Concen: 4.603 ug/l
 RT: 8.59 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

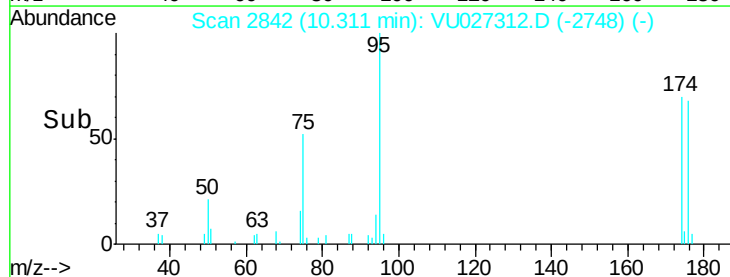
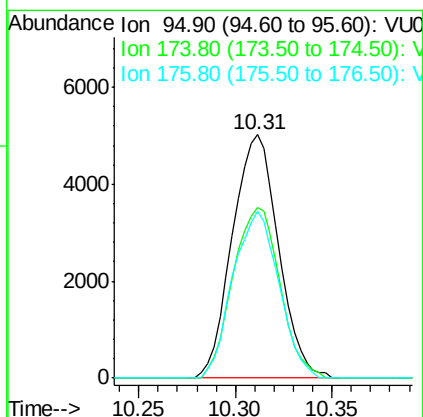
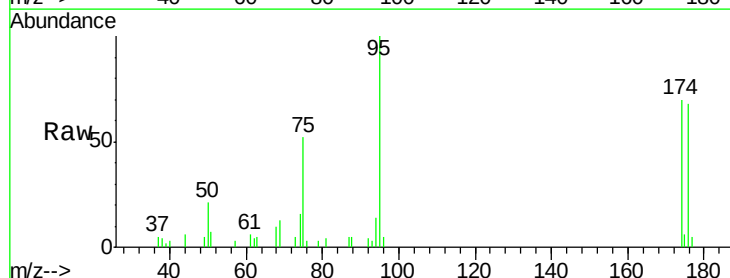
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

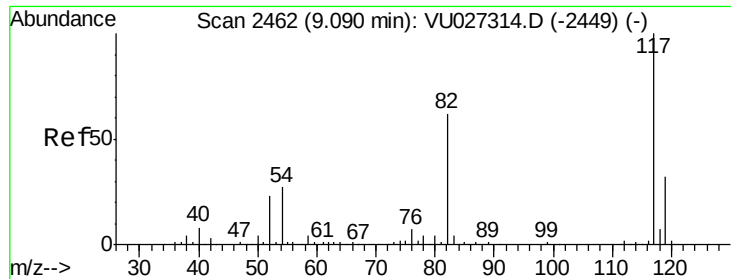
Tgt Ion: 107 Resp: 7020
 Ion Ratio Lower Upper
 107 100
 109 91.7 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 4.588 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion: 95 Resp: 8319
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 147.8
 176 68.2 0.0 140.8

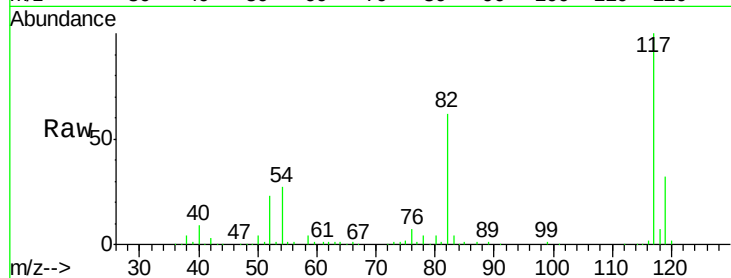




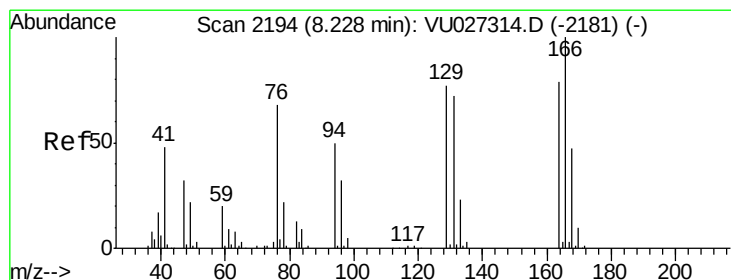
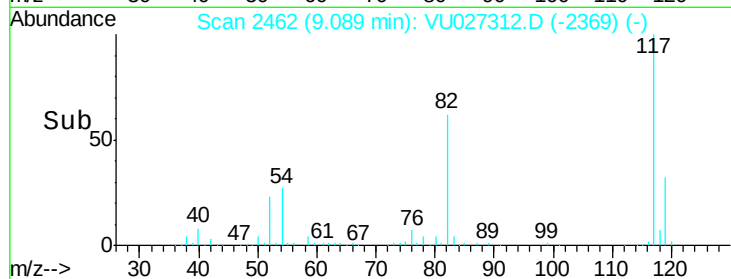
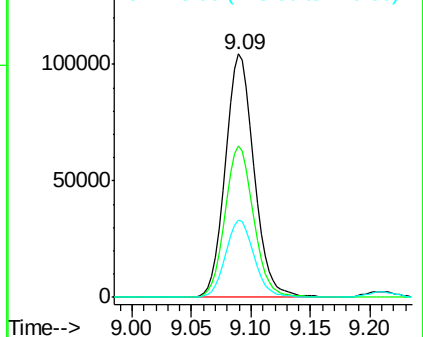
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 174770
Ion Ratio Lower Upper
117 100
82 62.5 49.2 73.8
119 31.9 25.7 38.5



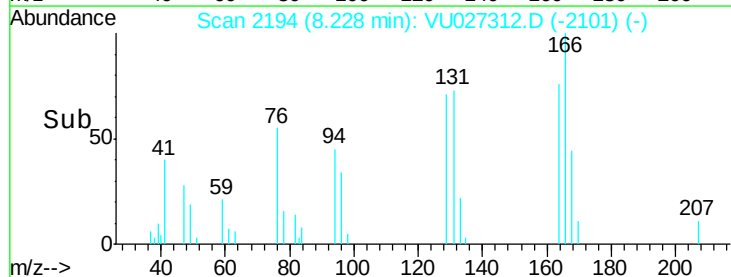
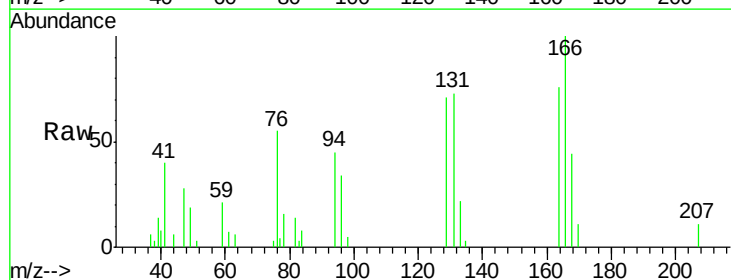
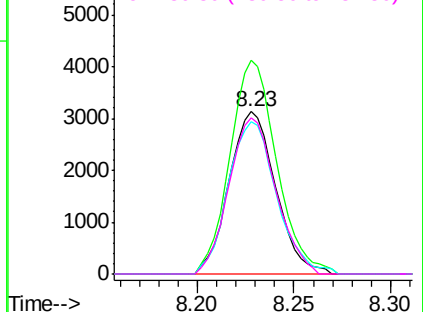
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

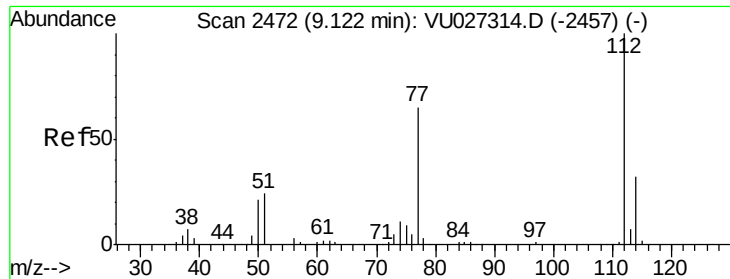


#64
Tetrachloroethene
Concen: 4.821 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion:164 Resp: 5245
Ion Ratio Lower Upper
164 100
166 131.8 101.0 151.6
129 93.8 78.0 117.0
131 96.4 72.6 109.0

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: 4.831 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

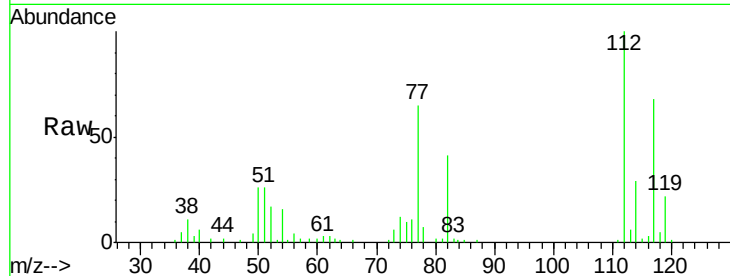
VSTDIC005

Tgt Ion:112 Resp: 17771

Ion Ratio Lower Upper

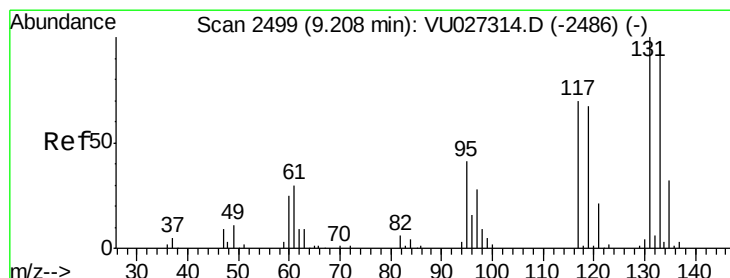
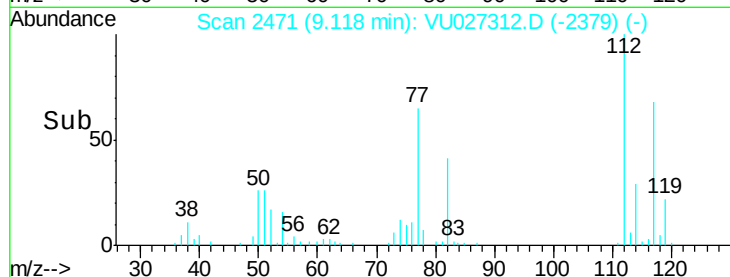
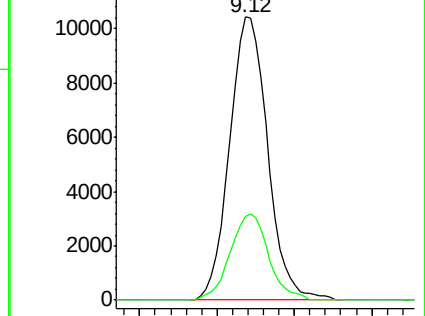
112 100

114 29.5 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.785 ug/l

RT: 9.21 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

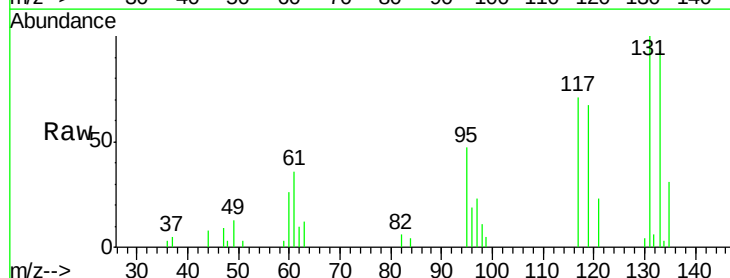
Tgt Ion:131 Resp: 6077

Ion Ratio Lower Upper

131 100

133 96.6 48.5 145.6

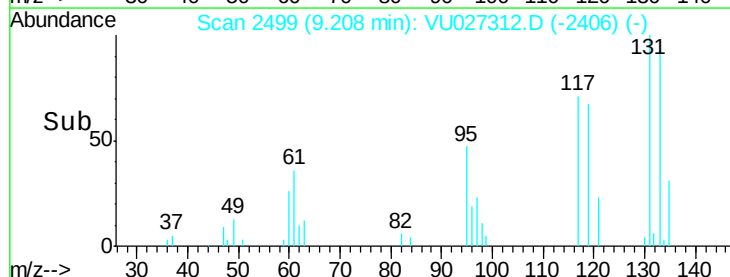
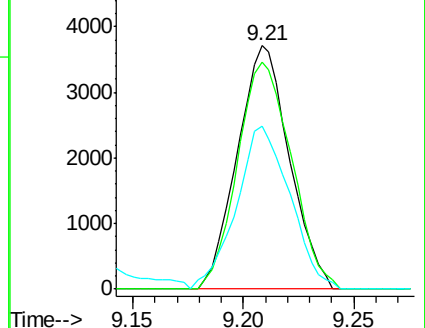
119 68.7 33.5 100.4

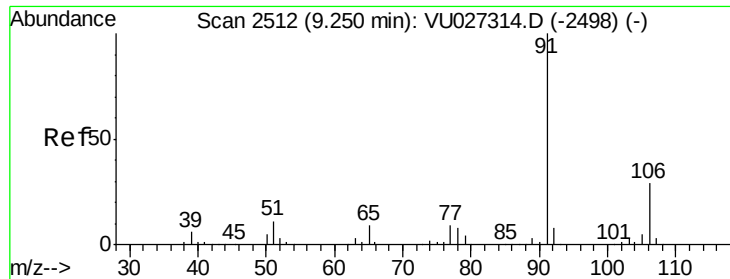


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

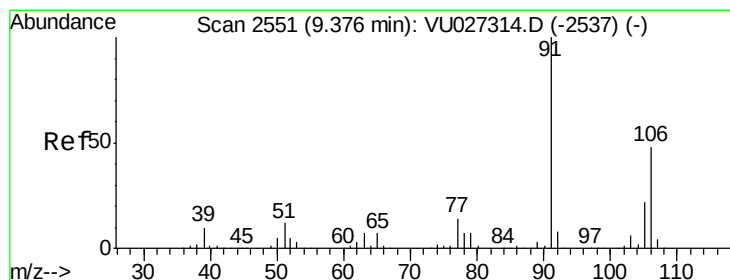
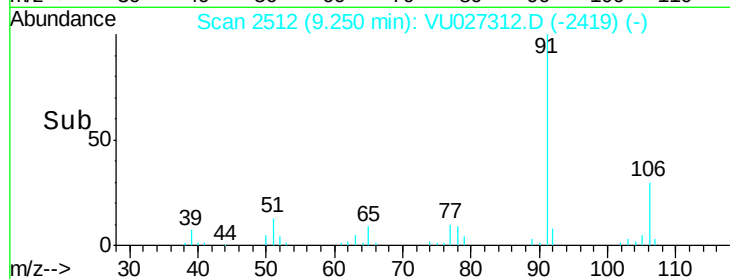
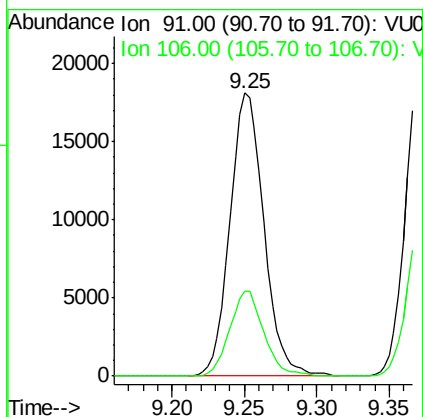
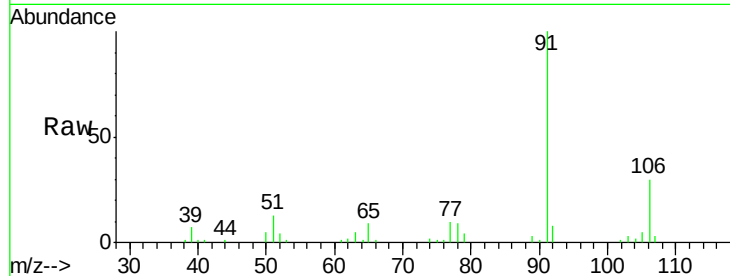




#67
Ethyl Benzene
Concen: 4.524 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

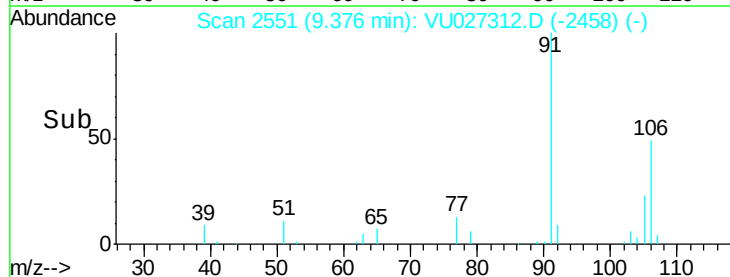
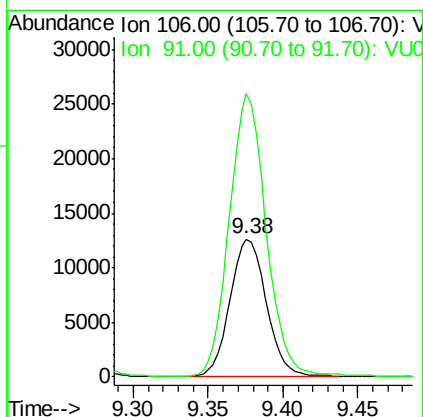
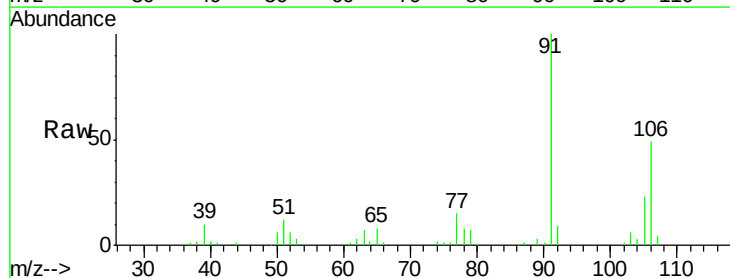
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

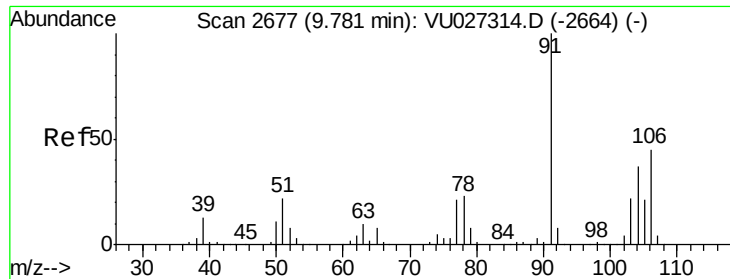
Tgt Ion: 91 Resp: 29486
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4



#68
m/p-Xylenes
Concen: 8.973 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion: 106 Resp: 21392
Ion Ratio Lower Upper
106 100
91 208.7 168.1 252.1

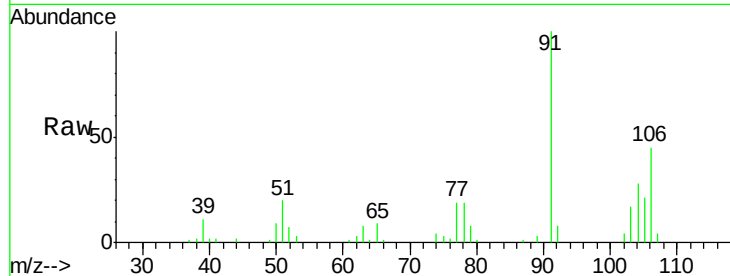




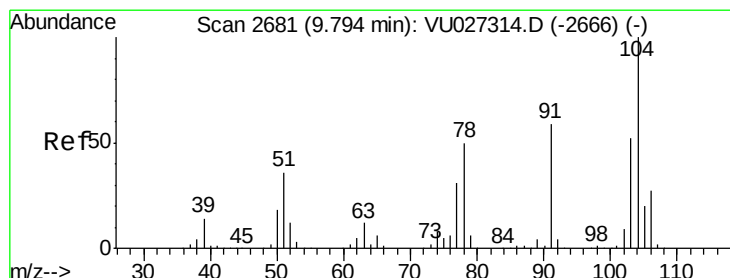
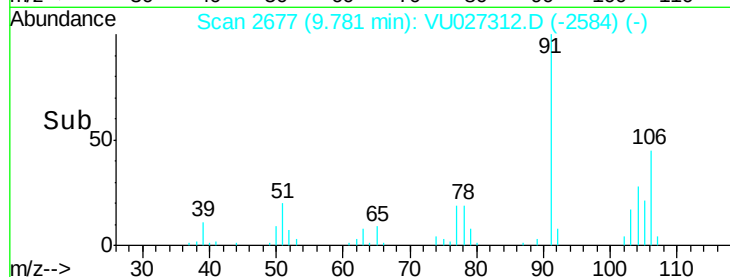
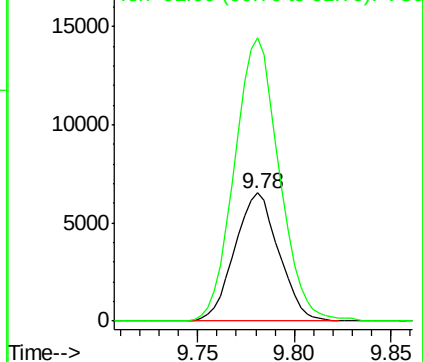
#69
o-Xylene
Concen: 4.573 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 10361
Ion Ratio Lower Upper
106 100
91 223.8 111.7 334.9

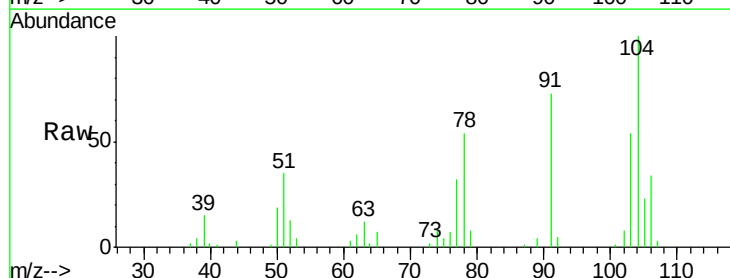


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

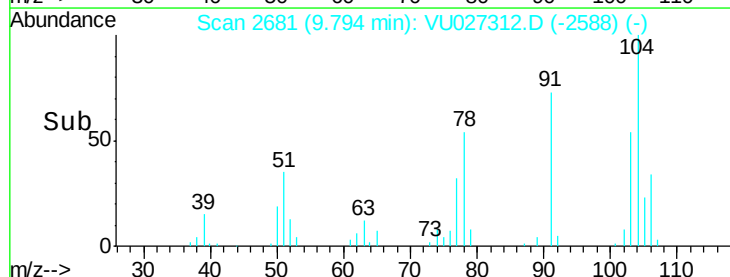
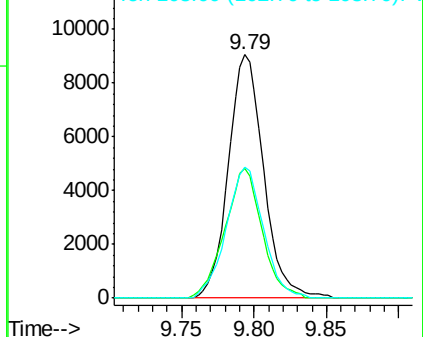


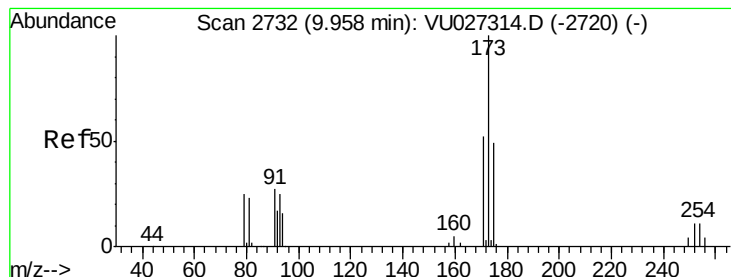
#70
Styrene
Concen: 4.105 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion:104 Resp: 15274
Ion Ratio Lower Upper
104 100
78 56.0 42.9 64.3
103 56.6 43.9 65.9



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: 4.675 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

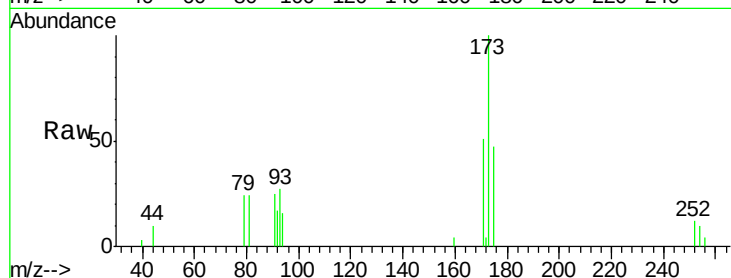
Tgt Ion:173 Resp: 4777

Ion Ratio Lower Upper

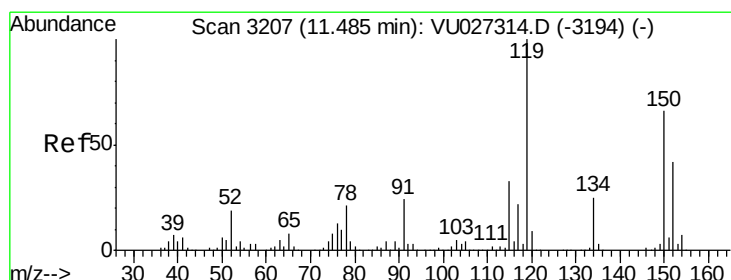
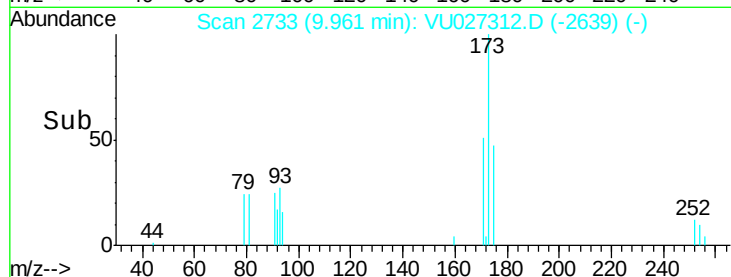
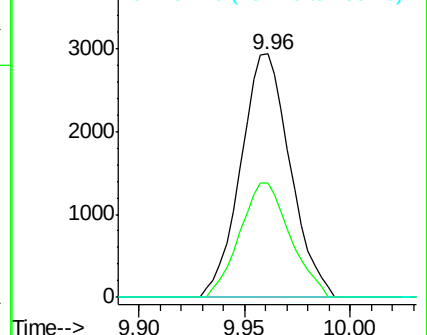
173 100

175 47.9 24.3 73.0

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: VU027312.D

Acq: 01 Oct 2018 10:30

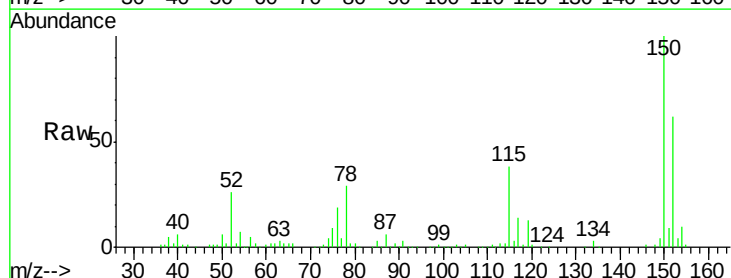
Tgt Ion:152 Resp: 79097

Ion Ratio Lower Upper

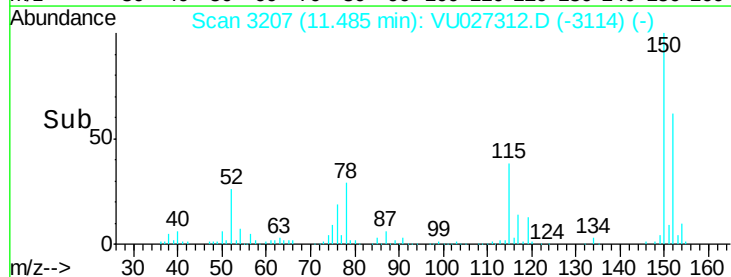
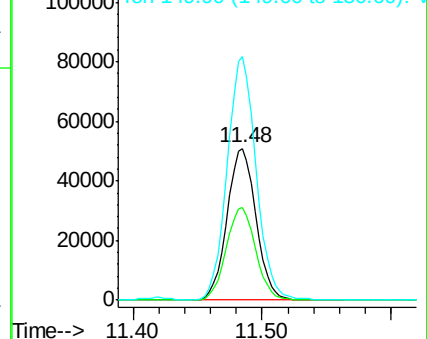
152 100

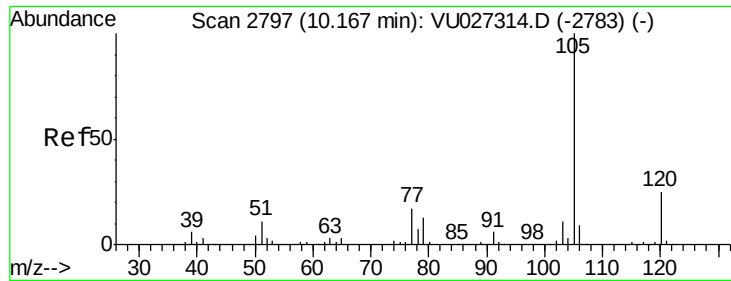
115 62.1 43.4 130.2

150 160.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

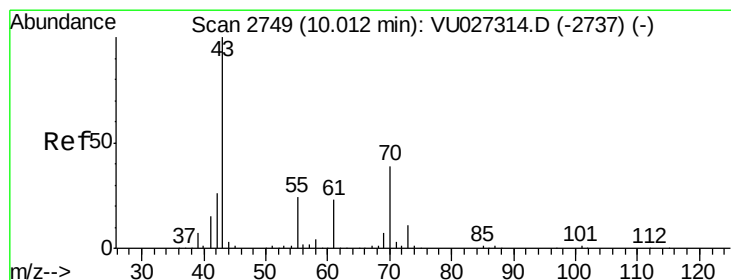
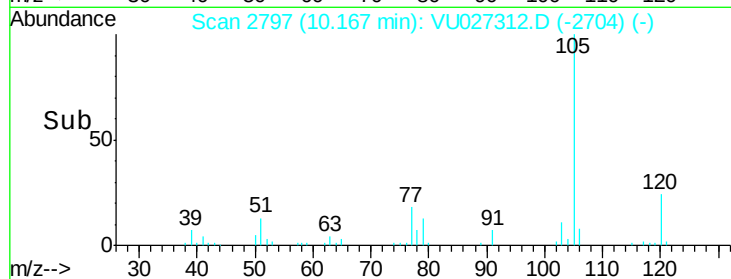
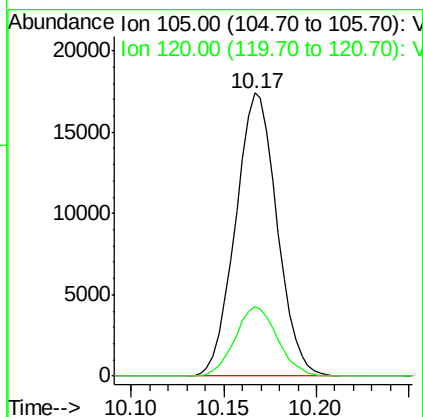
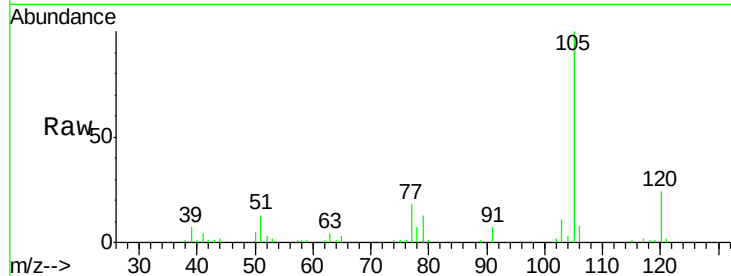




#73
Isopropylbenzene
Concen: 4.721 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

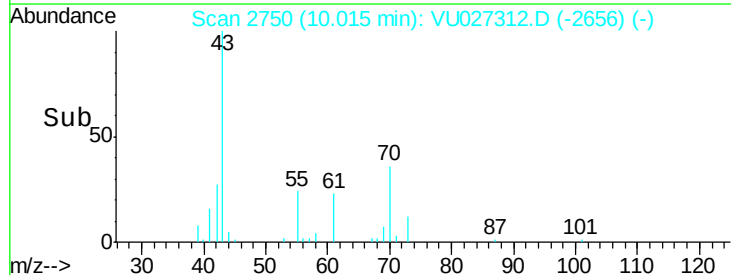
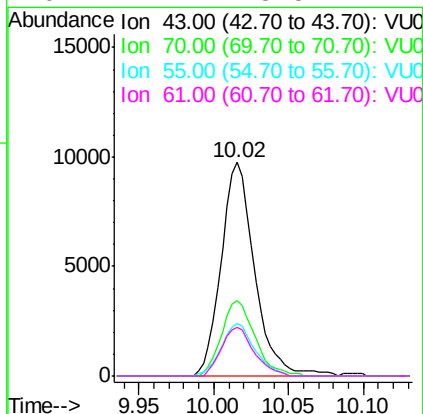
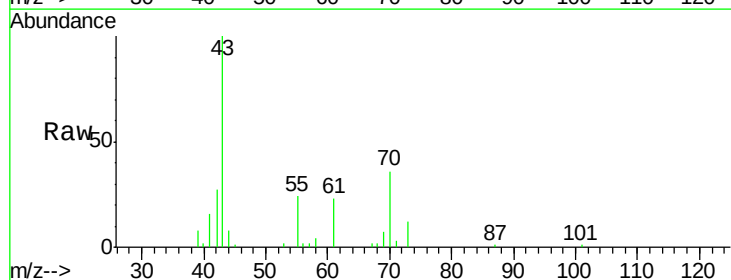
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

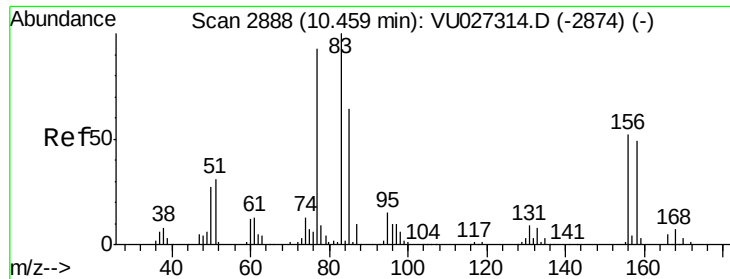
Tgt Ion: 105 Resp: 27120
Ion Ratio Lower Upper
105 100
120 25.0 12.6 37.8



#74
N-ethyl acetate
Concen: 4.616 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion: 43 Resp: 15181
Ion Ratio Lower Upper
43 100
70 35.3 31.3 46.9
55 24.7 19.0 28.6
61 22.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 5.305 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

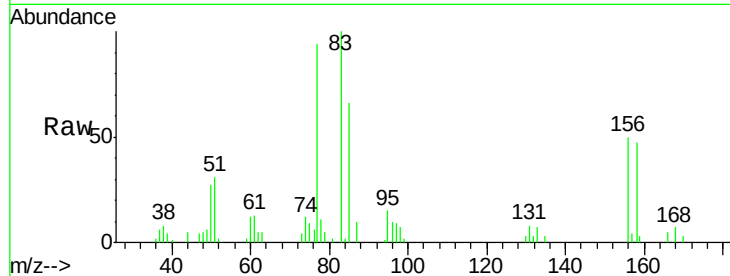
Tgt Ion: 83 Resp: 11967

Ion Ratio Lower Upper

83 100

131 8.0 4.4 13.2

85 63.4 32.0 96.0

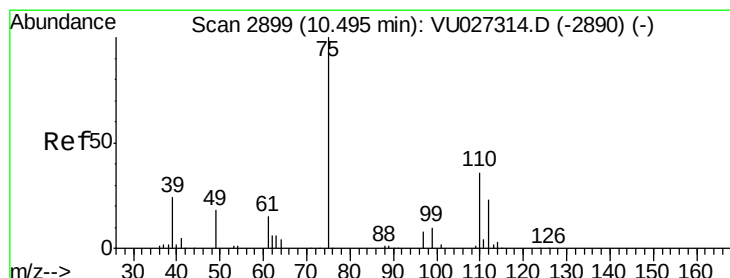
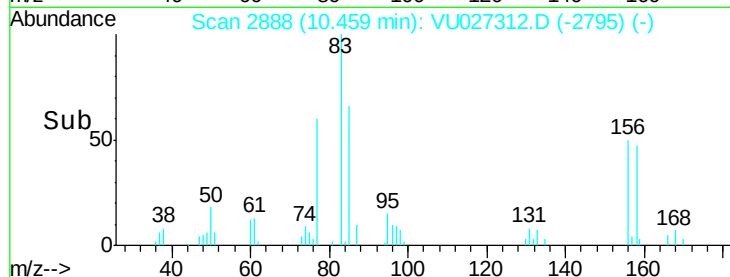


Abundance Ion 82.90 (82.60 to 83.60): VU027312.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027312.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027312.D (-2874) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 6.051 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027312.D

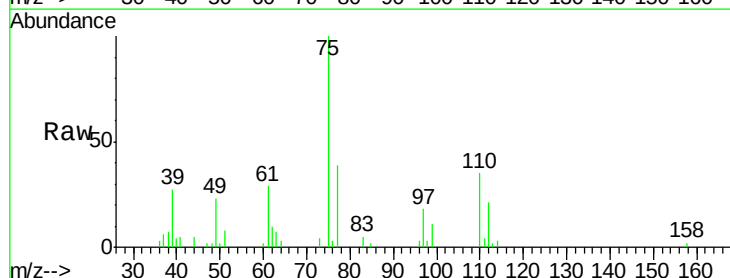
Acq: 01 Oct 2018 10:30

Tgt Ion: 75 Resp: 13342

Ion Ratio Lower Upper

75 100

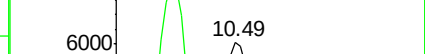
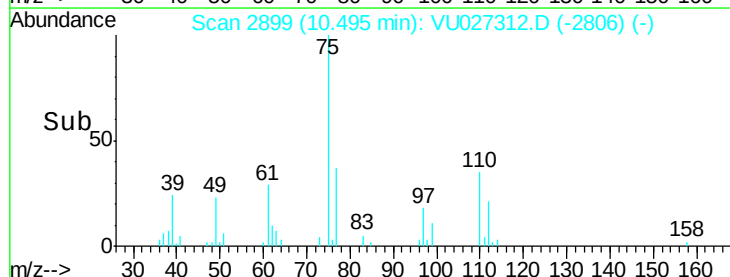
77 31.5 20.3 60.9

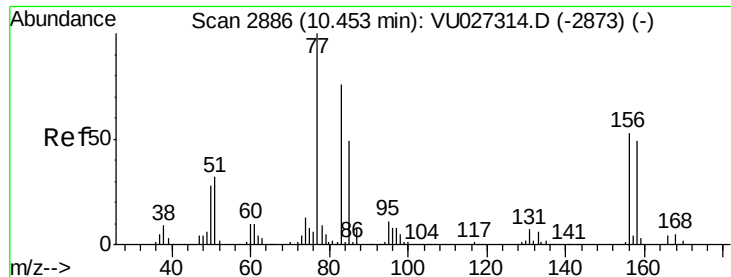


Abundance Ion 74.90 (74.60 to 75.60): VU027312.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027312.D (-2890) (-)

Time-->





#77

Bromobenzene

Concen: 4.863 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

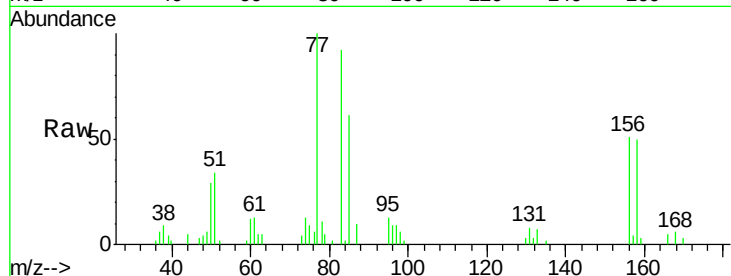
Tgt Ion:156 Resp: 6492

Ion Ratio Lower Upper

156 100

77 194.5 94.8 284.4

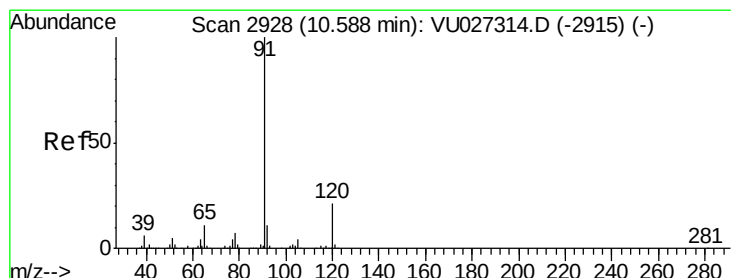
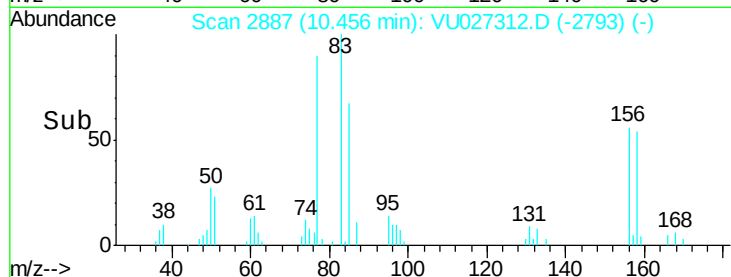
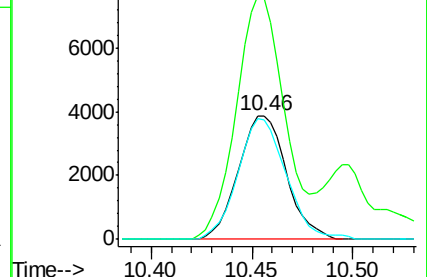
158 97.7 47.4 142.3



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: 4.595 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027312.D

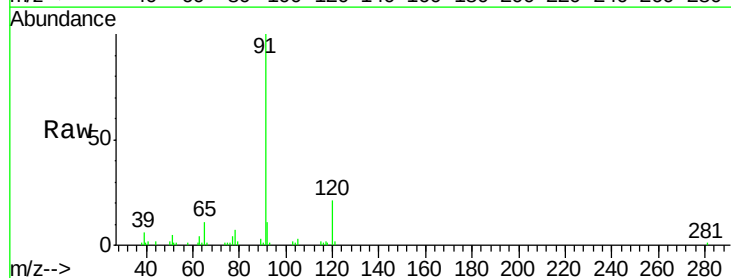
Acq: 01 Oct 2018 10:30

Tgt Ion: 91 Resp: 31717

Ion Ratio Lower Upper

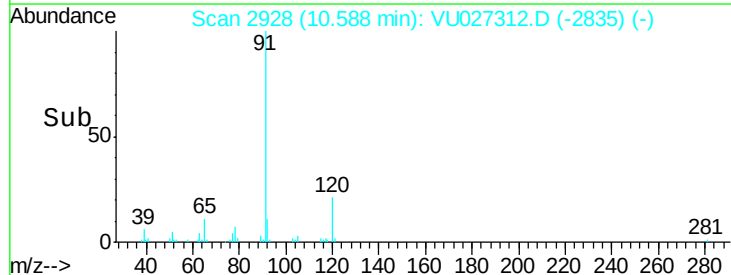
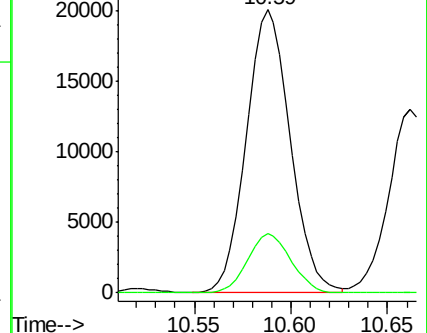
91 100

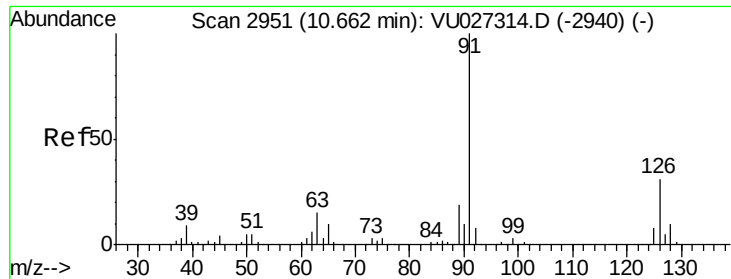
120 20.5 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

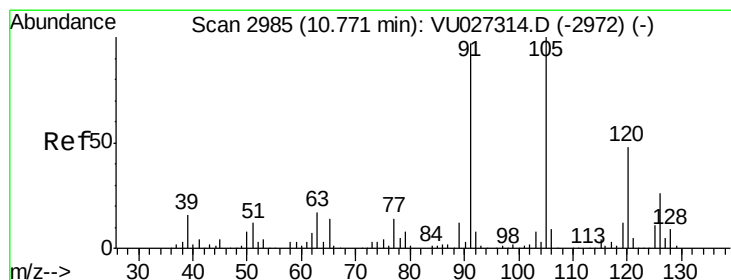
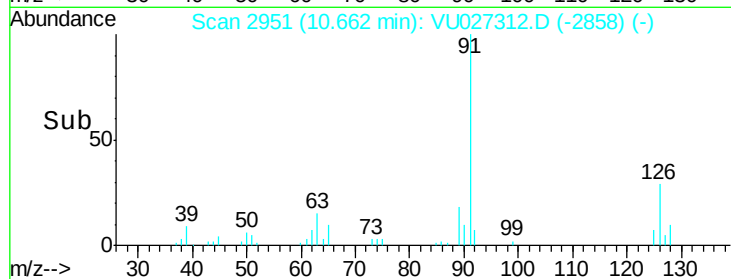
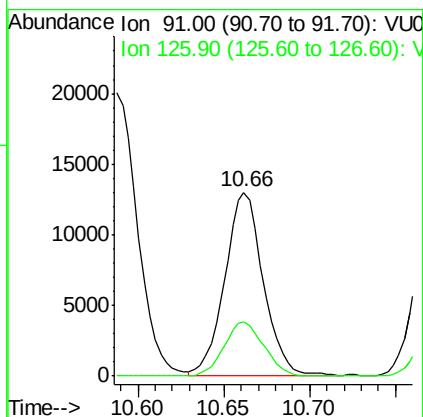
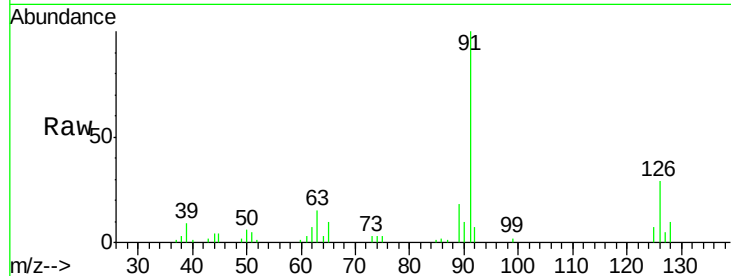




#79
 2-Chlorotoluene
 Concen: 4.905 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

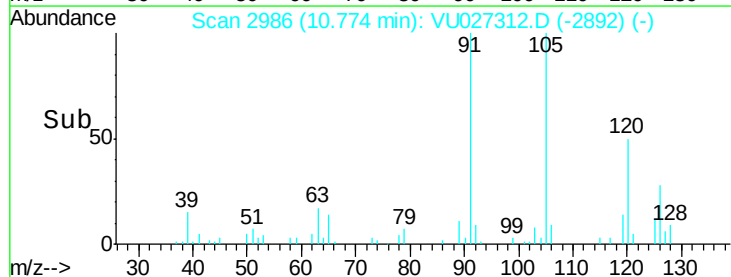
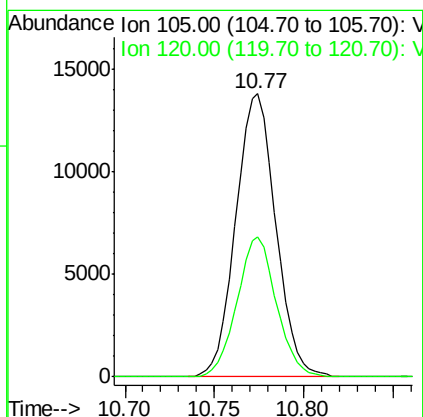
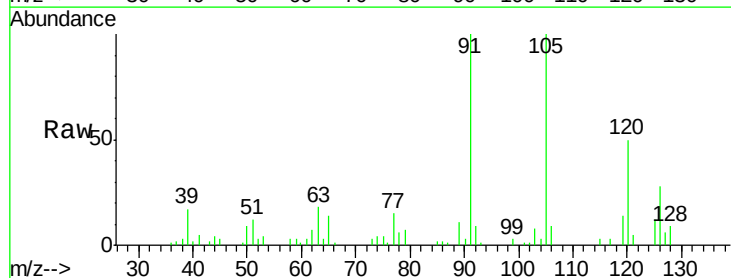
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

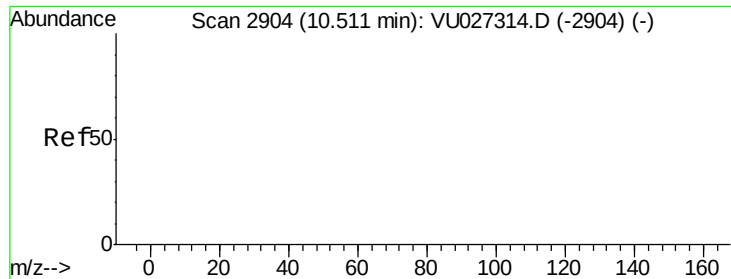
Tgt Ion: 91 Resp: 20442
 Ion Ratio Lower Upper
 91 100
 126 30.1 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 4.623 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion: 105 Resp: 21620
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.593 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

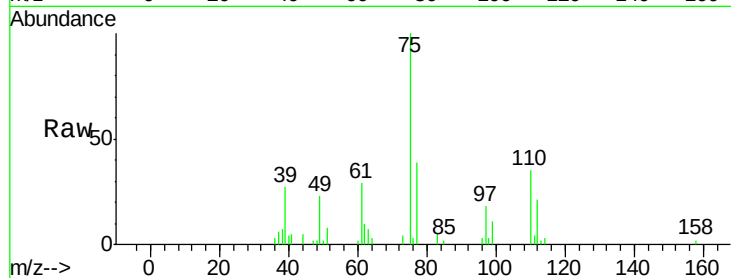
Tgt Ion: 75 Resp: 13342

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

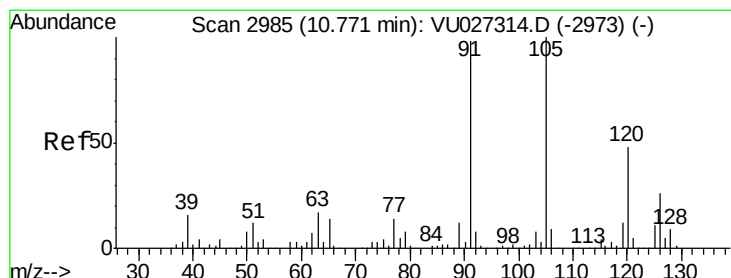
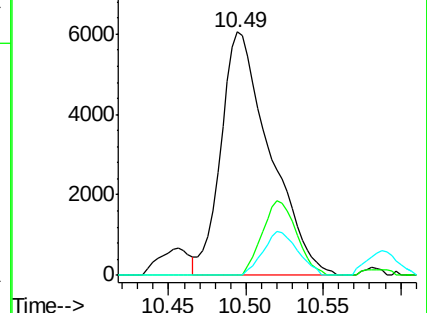
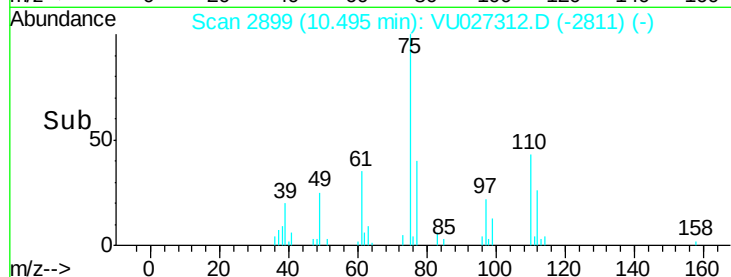
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 4.711 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027312.D

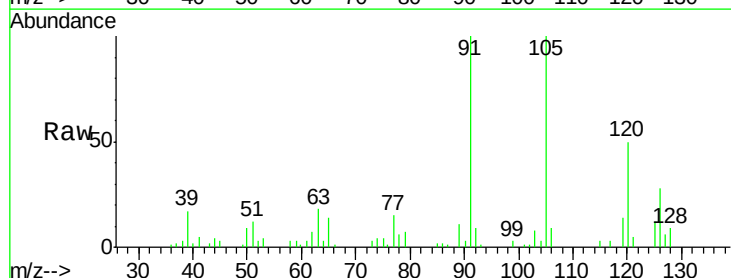
Acq: 01 Oct 2018 10:30

Tgt Ion: 91 Resp: 22280

Ion Ratio Lower Upper

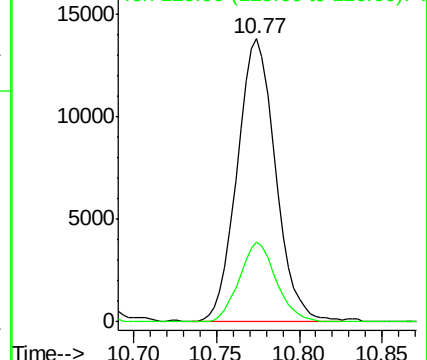
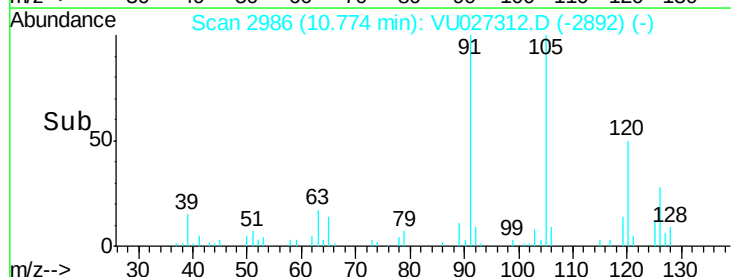
91 100

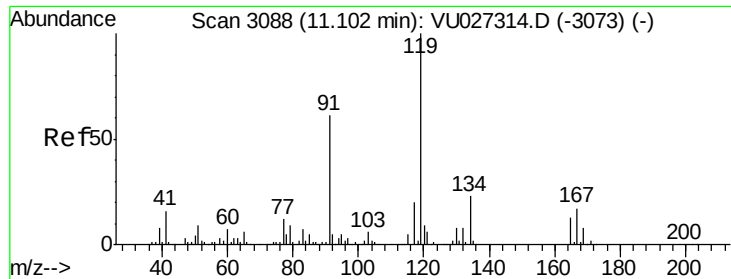
126 26.8 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

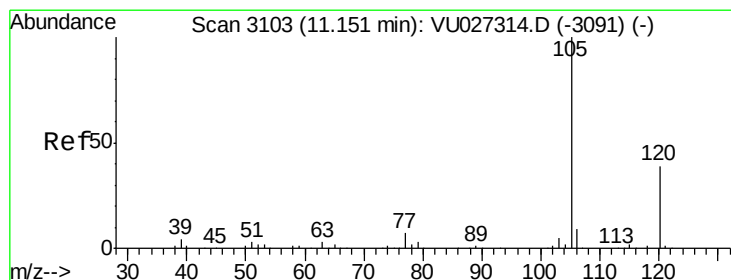
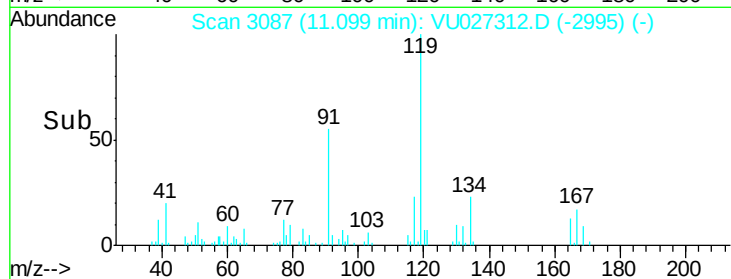
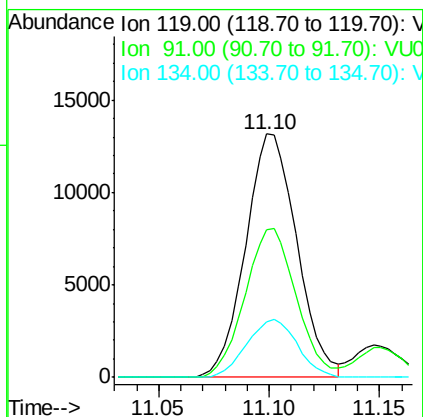
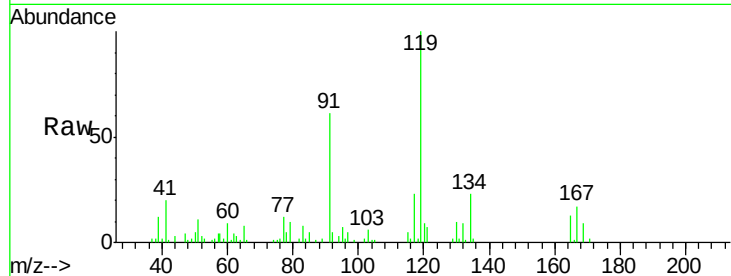




#83
 tert-Butylbenzene
 Concen: 4.691 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

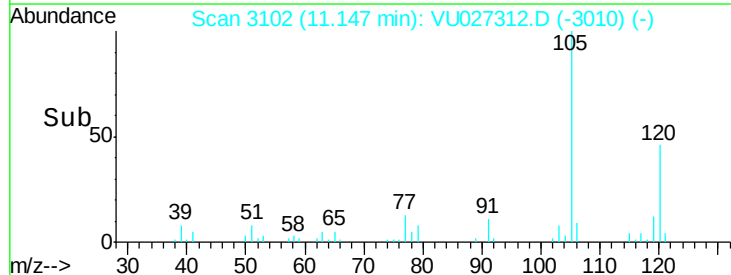
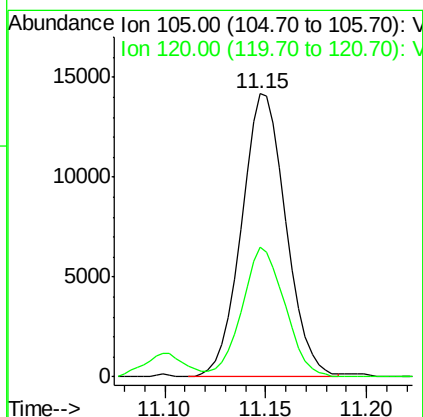
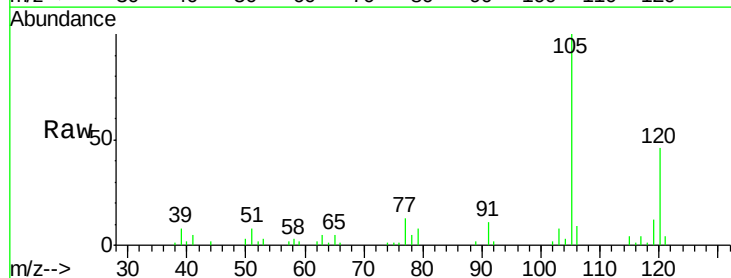
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

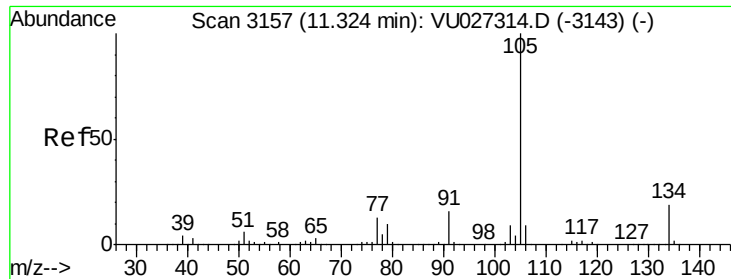
Tgt Ion:119 Resp: 21209
 Ion Ratio Lower Upper
 119 100
 91 61.2 30.3 91.0
 134 23.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 4.589 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion:105 Resp: 21926
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 4.529 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

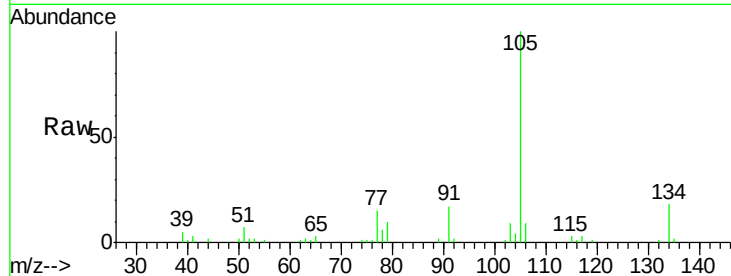
VSTDIC005

Tgt Ion:105 Resp: 25804

Ion Ratio Lower Upper

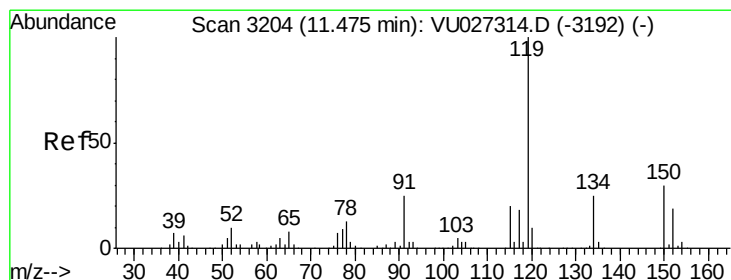
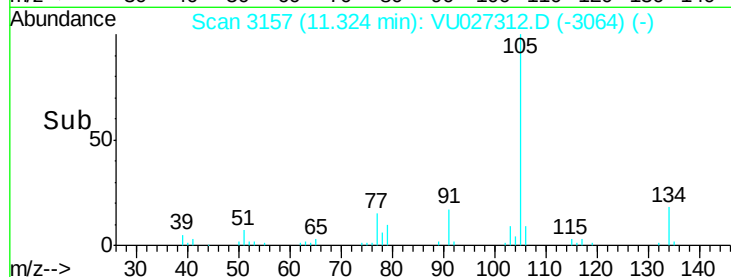
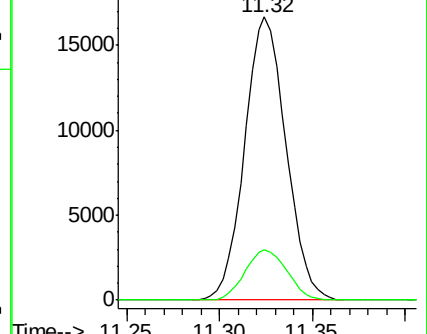
105 100

134 18.0 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.514 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

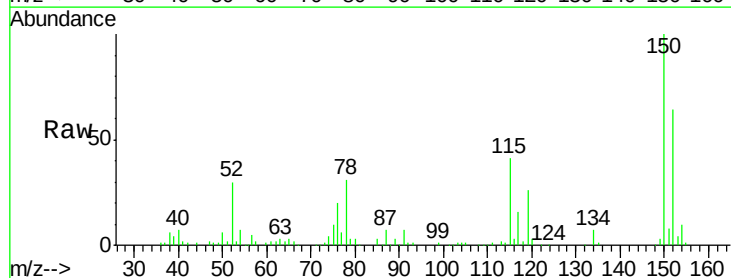
Tgt Ion:119 Resp: 22016

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.1

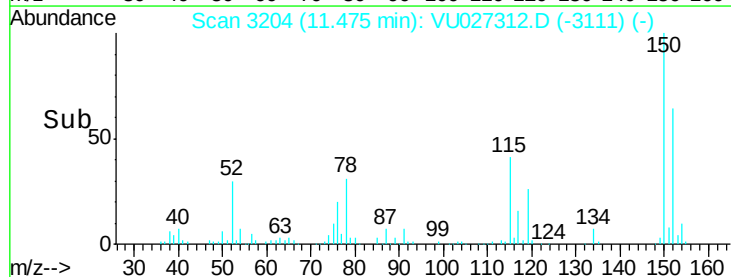
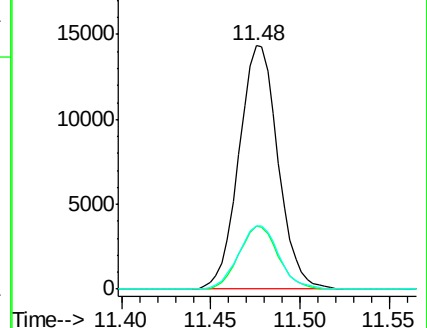
91 26.9 12.2 36.4

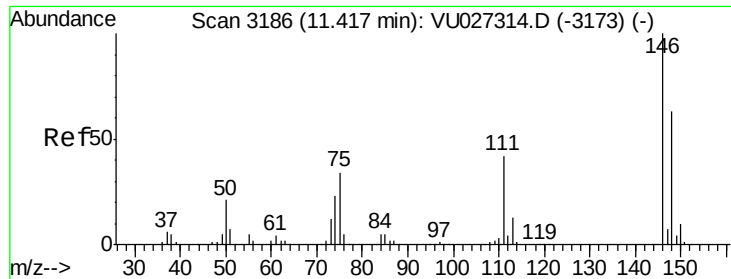


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

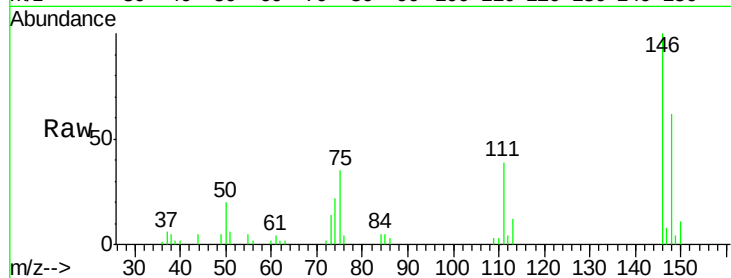




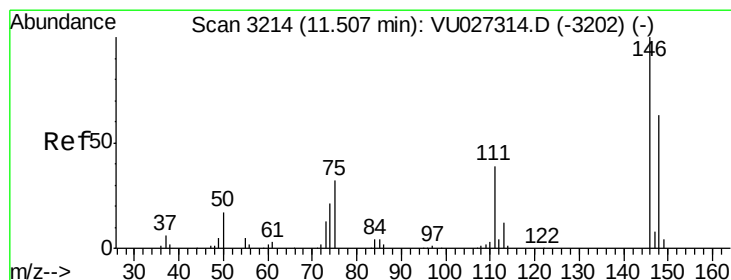
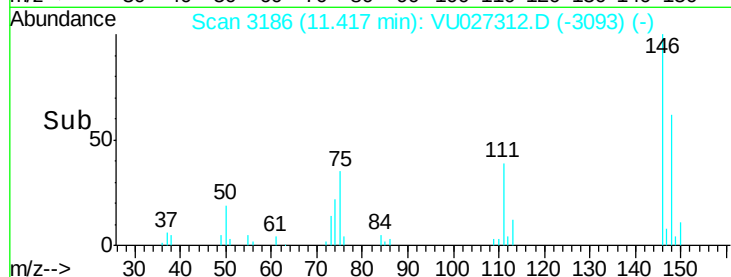
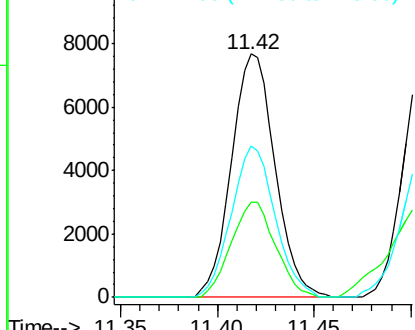
#87
 1,3-Dichlorobenzene
 Concen: 4.762 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 12039
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.8 62.5
 148 62.4 31.6 94.8

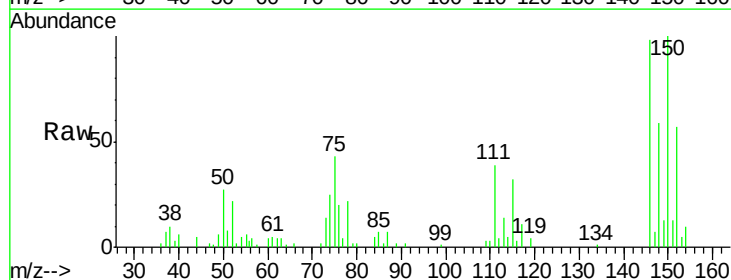


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

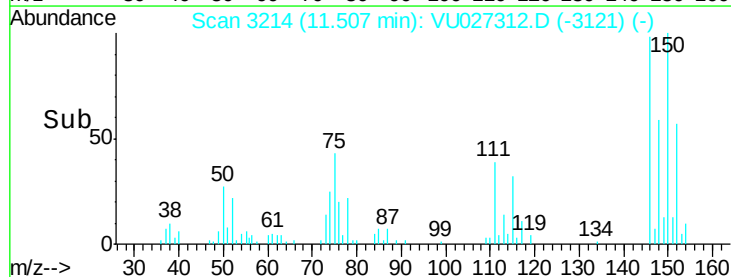
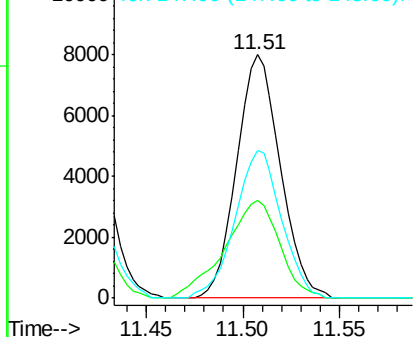


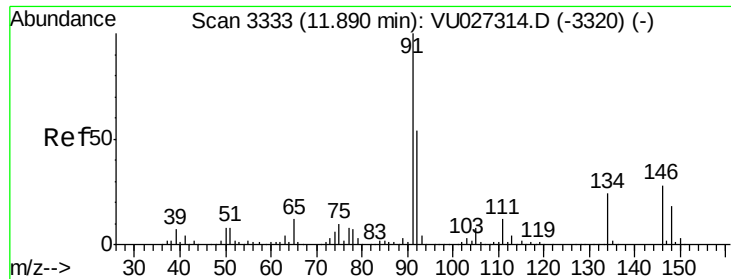
#88
 1,4-Dichlorobenzene
 Concen: 4.865 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion:146 Resp: 12568
 Ion Ratio Lower Upper
 146 100
 111 50.6 20.4 61.2
 148 64.4 31.9 95.5



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





#89

n-Butylbenzene

Concen: 4.184 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. -0.00 min

Lab File: VU027312.D

Acq: 01 Oct 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

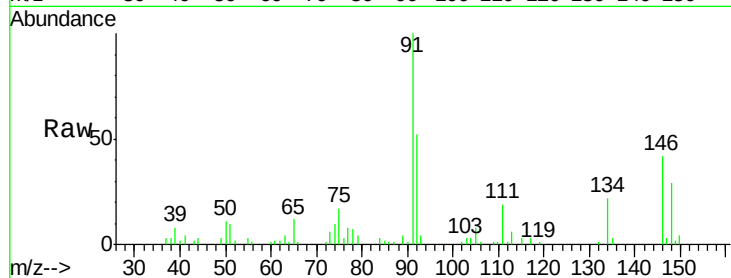
Tgt Ion: 91 Resp: 19037

Ion Ratio Lower Upper

91 100

92 53.3 27.0 81.0

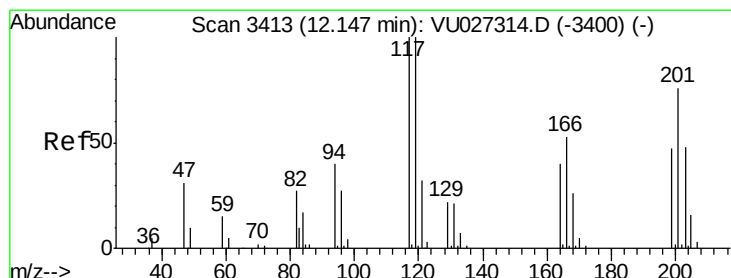
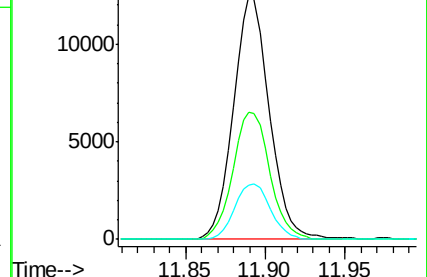
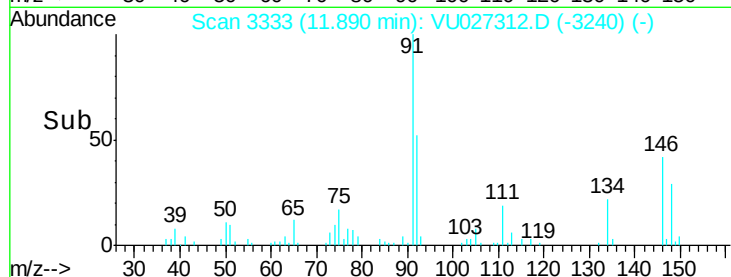
134 22.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VU027312.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU027312.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU027312.D (-3320) (-)



#90

Hexachloroethane

Concen: 5.015 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VU027312.D

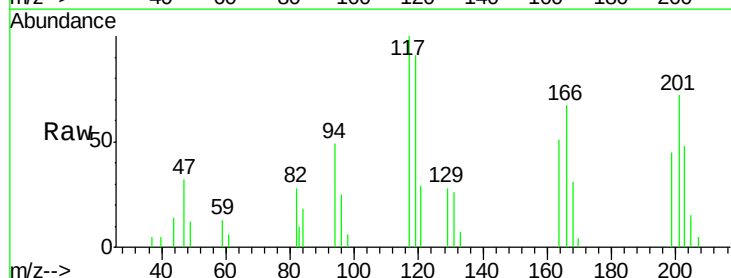
Acq: 01 Oct 2018 10:30

Tgt Ion: 117 Resp: 4611

Ion Ratio Lower Upper

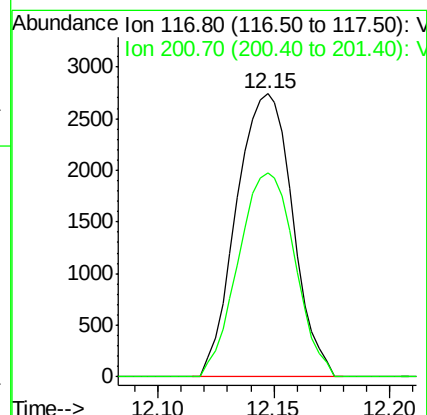
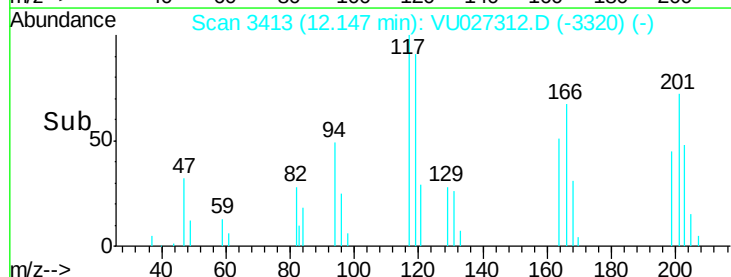
117 100

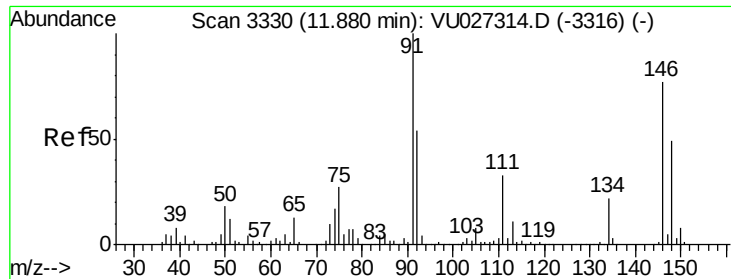
201 72.6 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VU027312.D (-3320) (-)

Ion 200.70 (200.40 to 201.40): VU027312.D (-3320) (-)

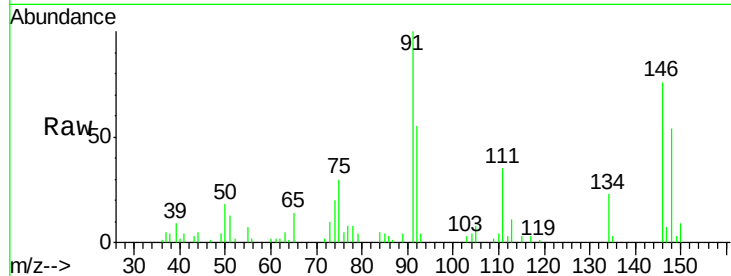




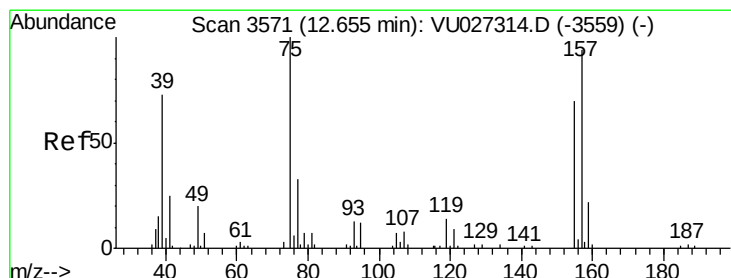
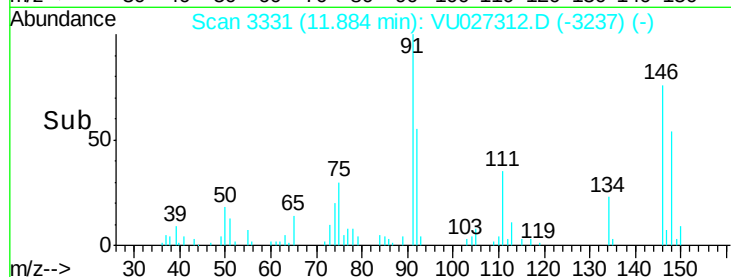
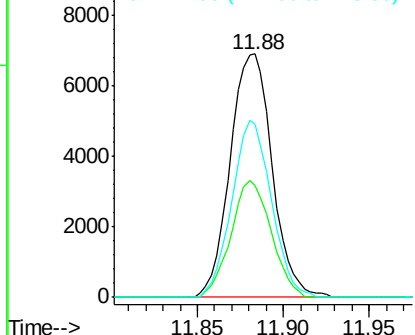
#91
 1,2-Dichlorobenzene
 Concen: 4.796 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 146 Resp: 11801
 Ion Ratio Lower Upper
 146 100
 111 45.9 21.8 65.4
 148 68.1 31.9 95.5

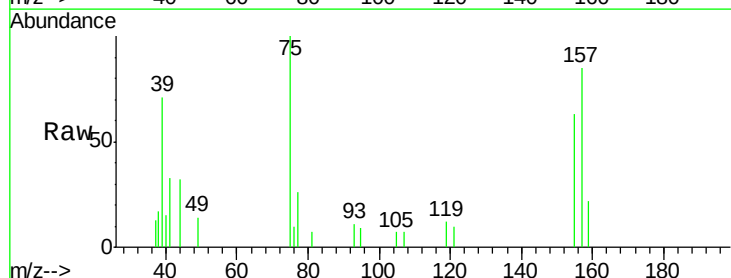


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

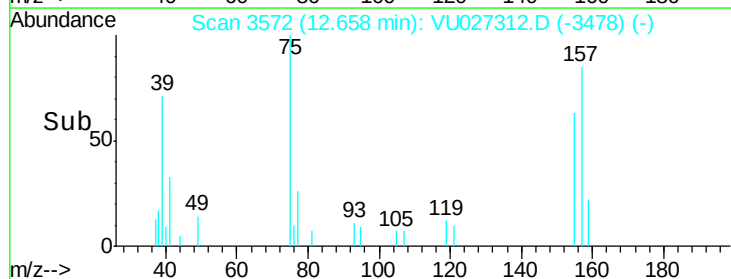
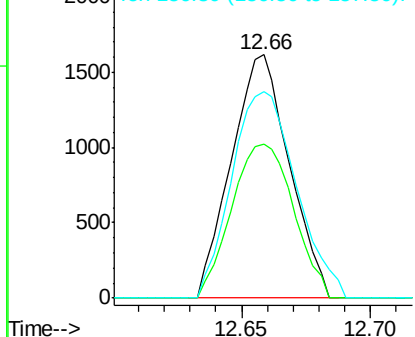


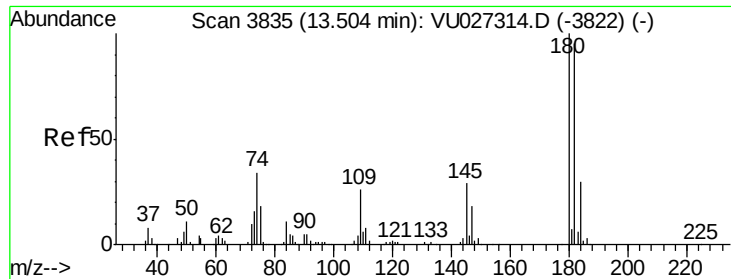
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.057 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion: 75 Resp: 2528
 Ion Ratio Lower Upper
 75 100
 155 67.5 35.9 107.8
 157 94.8 46.9 140.6



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

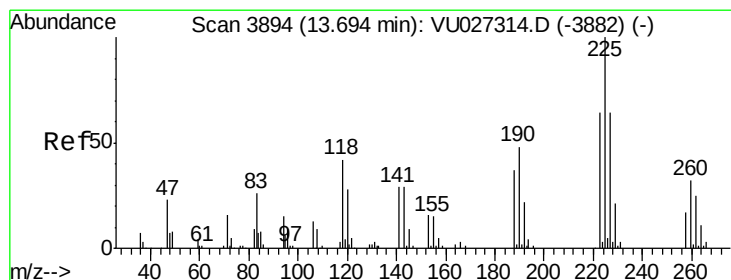
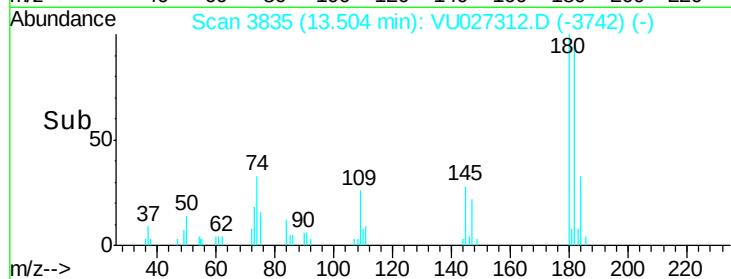
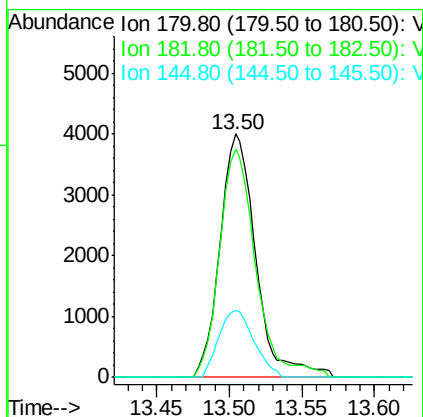
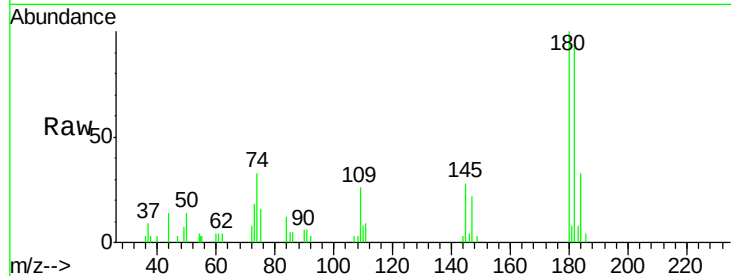




#93
 1,2,4-Trichlorobenzene
 Concen: 4.314 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

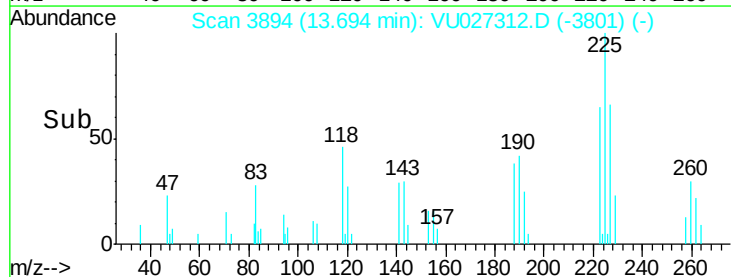
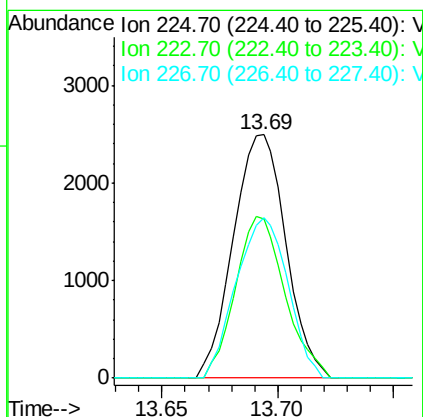
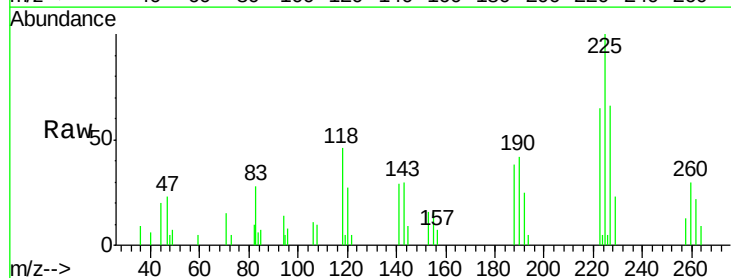
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 MSVOA_U
 ClientSampleId :
 VSTDIC005

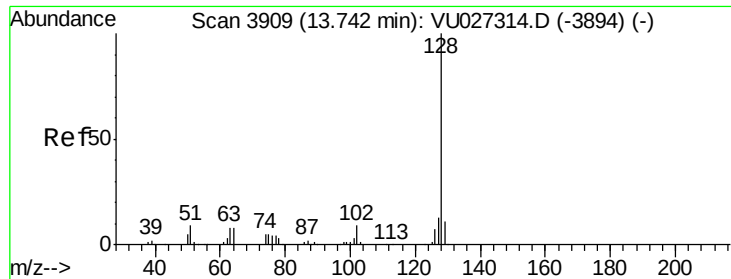
Tgt Ion:180 Resp: 6869
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.3
 145 26.9 14.6 44.0



#94
 Hexachlorobutadiene
 Concen: 4.881 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027312.D
 Acq: 01 Oct 2018 10:30

Tgt Ion:225 Resp: 3927
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.8 95.3
 227 64.7 31.9 95.7

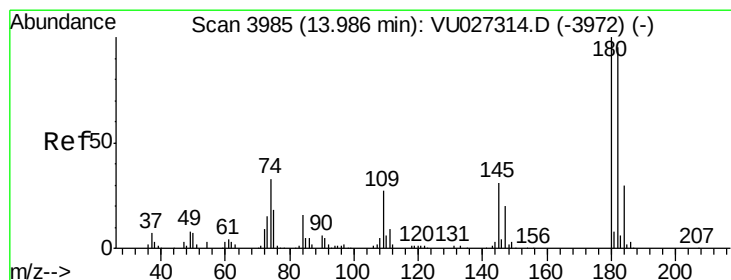
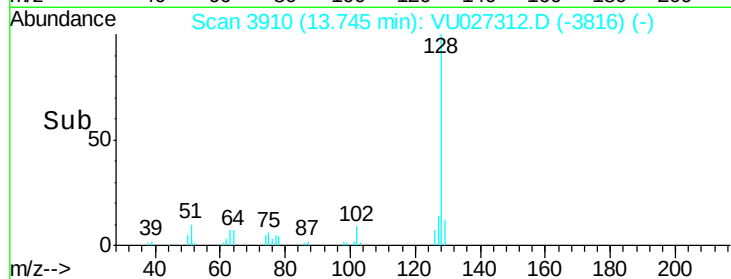
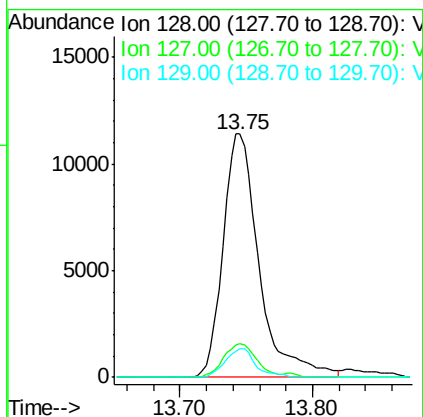
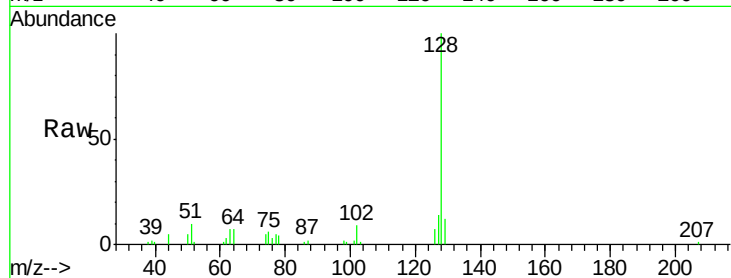




#95
Naphthalene
Concen: 4.038 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 21558
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 9.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 4.286 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027312.D
Acq: 01 Oct 2018 10:30

Tgt Ion:180 Resp: 7110
Ion Ratio Lower Upper
180 100
182 98.7 47.4 142.2
145 32.7 15.9 47.7

