

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025283.D
 Acq On : 10 Jul 2018 12:43
 Operator : MD/SY
 Sample : VU0710WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Quant Time: Jul 11 01:59:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	111405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	161721	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	82567	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	63463	36.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.34%	
35) Dibromofluoromethane	4.89	113	48971	35.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.80%	
50) Toluene-d8	7.57	98	163906	35.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.16%	
62) 4-Bromofluorobenzene	10.31	95	63957	34.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	18496	16.04	ug/l	100
3) Chloromethane	1.33	50	19425	17.28	ug/l	99
4) Vinyl Chloride	1.40	62	20582	16.25	ug/l	98
5) Bromomethane	1.63	94	15186	20.31	ug/l	96
6) Chloroethane	1.70	64	13011	16.35	ug/l #	85
7) Trichlorofluoromethane	1.89	101	33881	17.02	ug/l	97
8) Diethyl Ether	2.10	74	12764	17.08	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	20968	16.99	ug/l	99
10) Methyl Iodide	2.41	142	18052	18.76	ug/l	99
11) Tert butyl alcohol	2.82	59	32154	85.16	ug/l	99
12) 1,1-Dichloroethene	2.28	96	18382	16.28	ug/l	94
13) Acrolein	2.19	56	16829	67.37	ug/l	94
14) Allyl chloride	2.59	41	32597	15.92	ug/l	95
15) Acrylonitrile	2.94	53	66384	85.52	ug/l	99
16) Acetone	2.32	43	78316	91.81	ug/l	99
17) Carbon Disulfide	2.48	76	49421	16.33	ug/l	99
18) Methyl Acetate	2.62	43	31866	17.98	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	73714	17.16	ug/l	99
20) Methylene Chloride	2.70	84	22976	17.61	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	20468	15.86	ug/l	98
22) Diisopropyl ether	3.57	45	69900	16.71	ug/l	96
23) Vinyl Acetate	3.53	43	305987	83.40	ug/l	100
24) 1,1-Dichloroethane	3.45	63	40696	17.25	ug/l	99
25) 2-Butanone	4.26	43	100285	83.59	ug/l	99
26) 2,2-Dichloropropane	4.23	77	38147	16.82	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	24744	16.57	ug/l	97
28) Bromochloromethane	4.55	49	24584	21.58	ug/l	100
29) Tetrahydrofuran	4.64	42	61756	85.82	ug/l	98
30) Chloroform	4.68	83	43304	17.34	ug/l	100
31) Cyclohexane	5.00	56	36678	17.27	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	38734	17.11	ug/l	99
36) 1,1-Dichloropropene	5.14	75	28845	16.04	ug/l	98
37) Ethyl Acetate	4.38	43	35060	17.49	ug/l	99
38) Carbon Tetrachloride	5.14	117	32473	16.78	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025283.D
 Acq On : 10 Jul 2018 12:43
 Operator : MD/SY
 Sample : VU0710WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Quant Time: Jul 11 01:59:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	36052	16.08	ug/l	99
40) Benzene	5.39	78	89354	17.25	ug/l	100
41) Methacrylonitrile	4.54	41	19180	17.25	ug/l	98
42) 1,2-Dichloroethane	5.41	62	36864	17.90	ug/l	98
43) Isopropyl Acetate	5.55	43	56728	17.67	ug/l	100
44) Trichloroethene	6.19	130	23412	15.74	ug/l	96
45) 1,2-Dichloropropane	6.44	63	22843	16.83	ug/l	93
46) Dibromomethane	6.56	93	16920	17.13	ug/l	98
47) Bromodichloromethane	6.76	83	32510	17.72	ug/l	98
48) Methyl methacrylate	6.63	41	28243	17.64	ug/l	99
49) 1,4-Dioxane	6.61	88	13415	348.29	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	180658	86.57	ug/l	99
52) Toluene	7.64	92	54926	16.66	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	34269	17.00	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	35935	16.75	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	23589	17.18	ug/l	97
56) Ethyl methacrylate	8.02	69	36158	16.86	ug/l	99
57) 1,3-Dichloropropane	8.25	76	38506	16.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	72430	76.50	ug/l	98
59) 2-Hexanone	8.36	43	142032	83.90	ug/l	100
60) Dibromochloromethane	8.48	129	24485	16.51	ug/l	98
61) 1,2-Dibromoethane	8.59	107	25231	17.18	ug/l	100
64) Tetrachloroethene	8.23	164	22260	16.38	ug/l	96
65) Chlorobenzene	9.12	112	62424	16.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	23167	17.39	ug/l	97
67) Ethyl Benzene	9.25	91	104762	16.50	ug/l	98
68) m/p-Xylenes	9.38	106	83019	33.83	ug/l	99
69) o-Xylene	9.78	106	40983	16.68	ug/l	94
70) Styrene	9.80	104	63404	16.24	ug/l	98
71) Bromoform	9.96	173	18518	17.65	ug/l #	98
73) Isopropylbenzene	10.17	105	108908	17.26	ug/l	98
74) N-amyl acetate	10.02	43	44423	18.04	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	37591	18.21	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	44047	26.27	ug/l	84
77) Bromobenzene	10.46	156	27869	17.27	ug/l	99
78) n-propylbenzene	10.59	91	116838	16.69	ug/l	99
79) 2-Chlorotoluene	10.66	91	74775	18.69	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	90209	16.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	44047	66.96	ug/l #	100
82) 4-Chlorotoluene	10.78	91	83732	16.89	ug/l	98
83) tert-Butylbenzene	11.10	119	91959	17.14	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	92334	16.97	ug/l	99
85) sec-Butylbenzene	11.33	105	109746	17.38	ug/l	99
86) p-Isopropyltoluene	11.48	119	93182	16.66	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	47878	16.23	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	47792	17.58	ug/l	98
89) n-Butylbenzene	11.89	91	71343	15.52	ug/l	99
90) Hexachloroethane	12.15	117	15784	16.67	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	50459	16.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	8303	16.59	ug/l	98

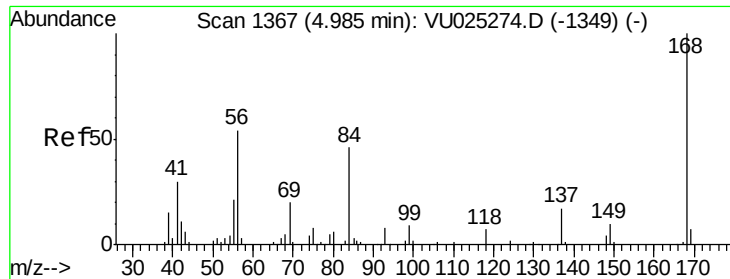
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071018\
Data File : VU025283.D
Acq On : 10 Jul 2018 12:43
Operator : MD/SY
Sample : VU0710WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Quant Time: Jul 11 01:59:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	25423	15.19	ug/l	97
94) Hexachlorobutadiene	13.70	225	17259	16.20	ug/l	97
95) Naphthalene	13.75	128	86475	15.99	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	28211	15.75	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

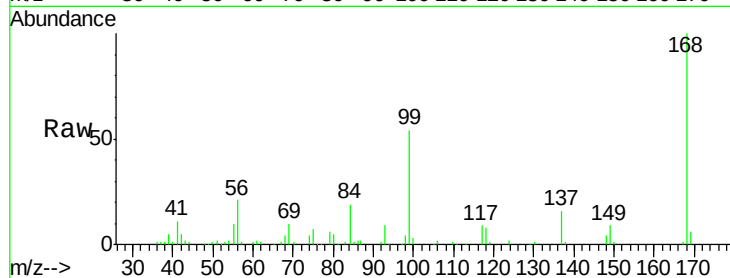
VU0710WBS01

Tot Ion:168 Resp: 111405

Ion Ratio Lower Upper

168 100

99 53.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

50000

40000

30000

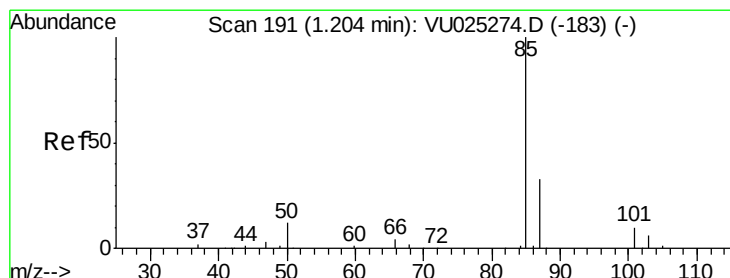
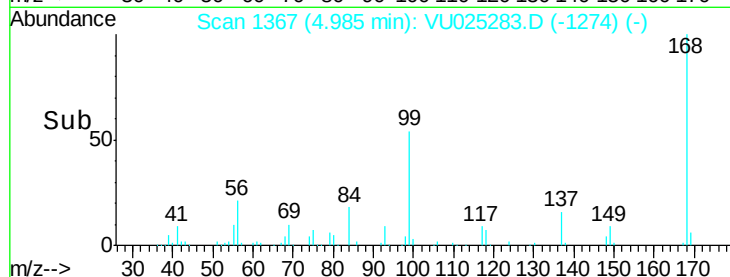
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.04 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025283.D

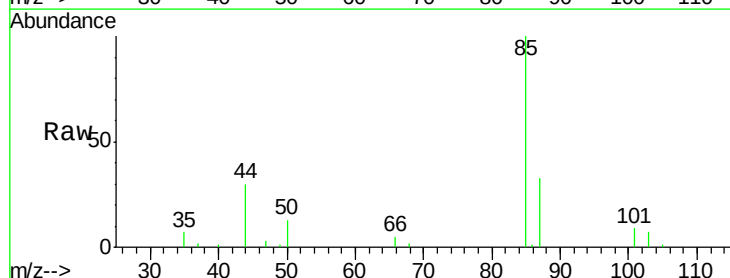
Acq: 10 Jul 2018 12:43

Tgt Ion: 85 Resp: 18496

Ion Ratio Lower Upper

85 100

87 33.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025274.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025274.D (-183) (-)

1.21

20000

15000

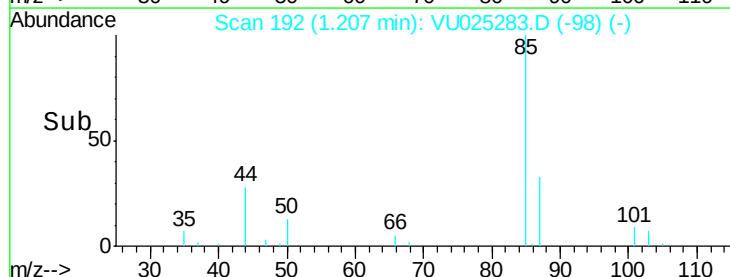
10000

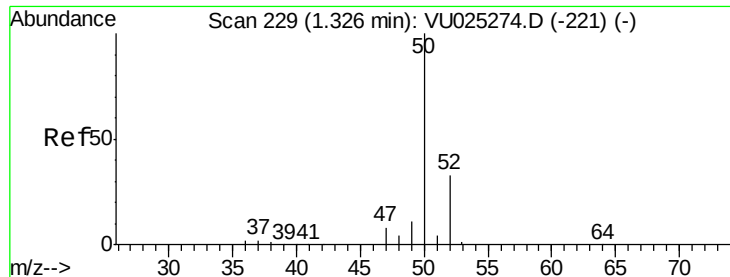
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.28 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

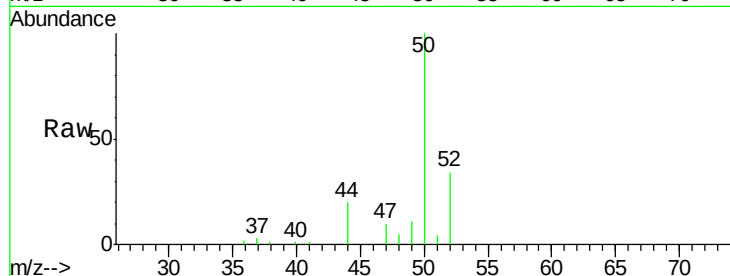
VU0710WBS01

Tot Ion: 50 Resp: 19425

Ion Ratio Lower Upper

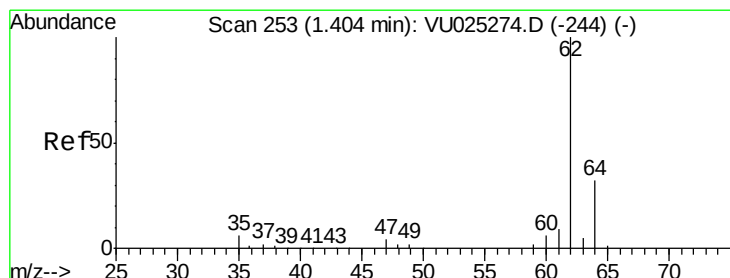
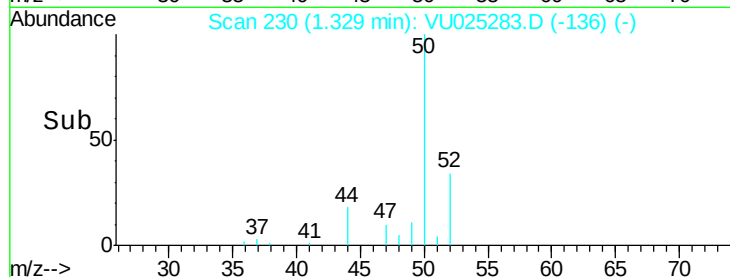
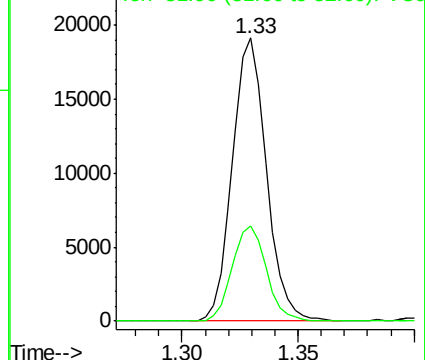
50 100

52 33.7 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: 16.25 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025283.D

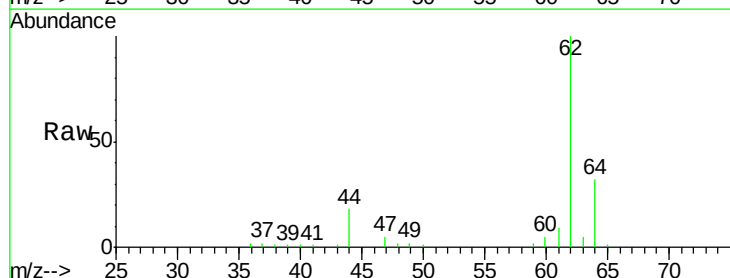
Acq: 10 Jul 2018 12:43

Tgt Ion: 62 Resp: 20582

Ion Ratio Lower Upper

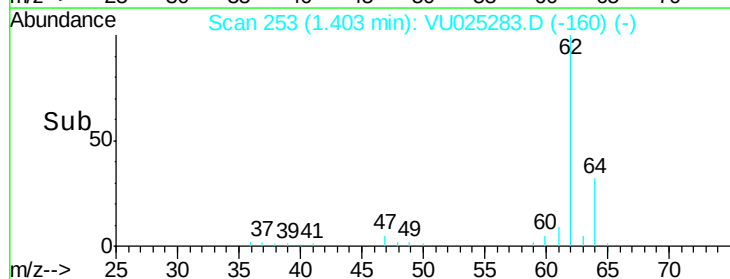
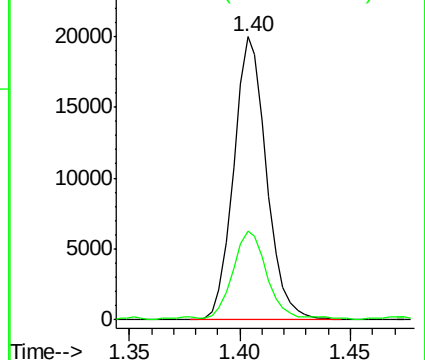
62 100

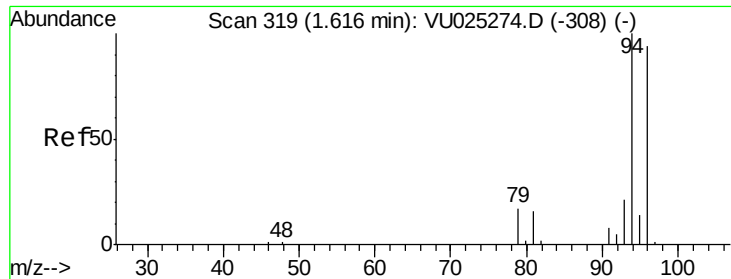
64 30.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 20.31 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

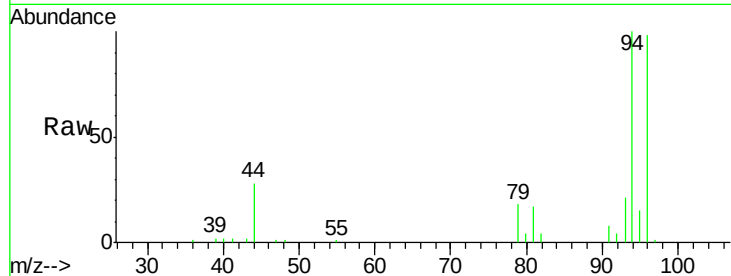
VU0710WBS01

Tot Ion: 94 Resp: 15186

Ion Ratio Lower Upper

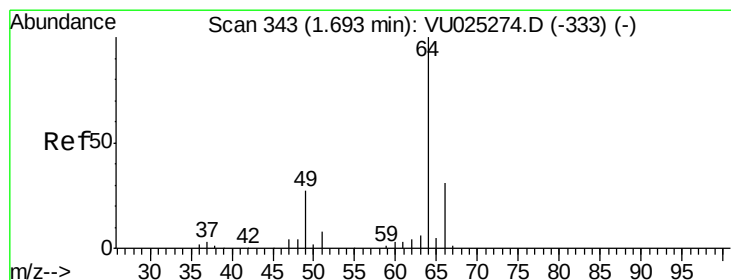
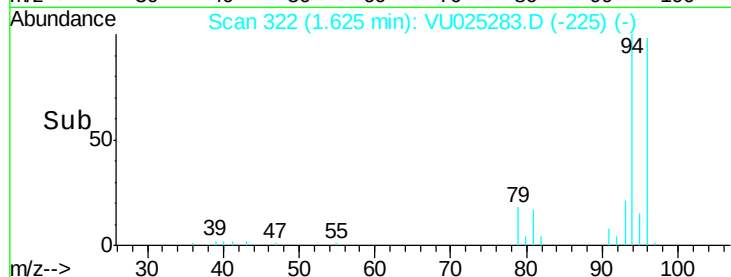
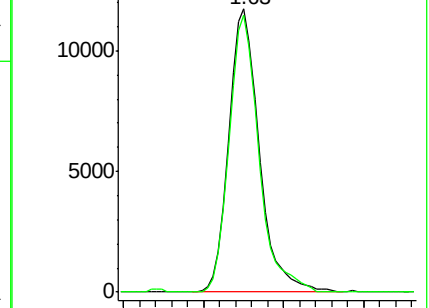
94 100

96 98.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 16.35 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025283.D

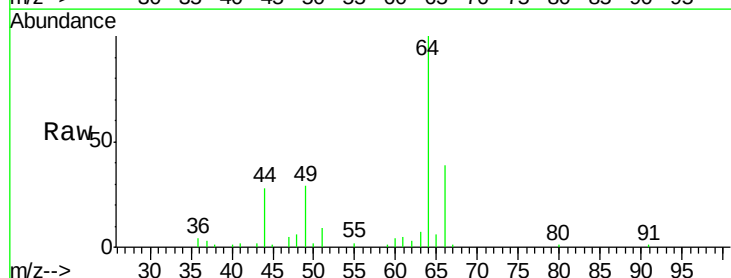
Acq: 10 Jul 2018 12:43

Tgt Ion: 64 Resp: 13011

Ion Ratio Lower Upper

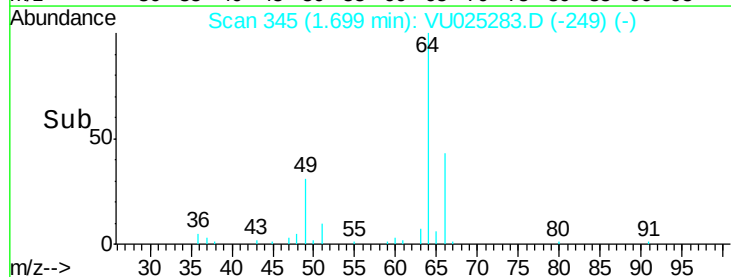
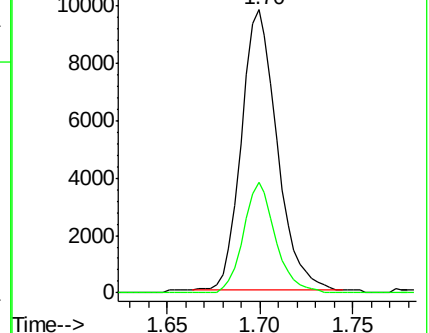
64 100

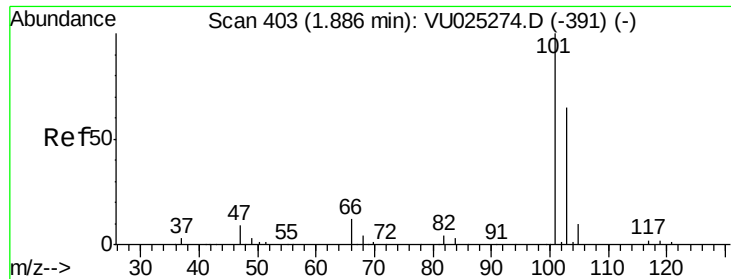
66 39.5 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 17.02 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

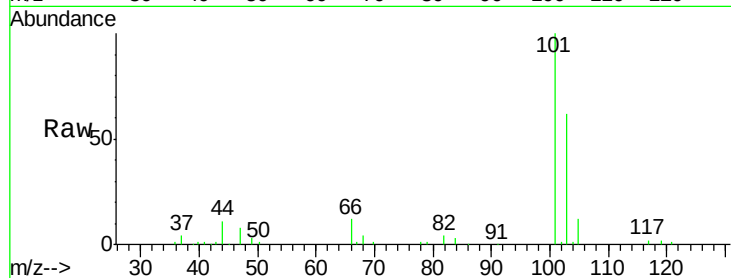
VU0710WBS01

Tot Ion:101 Resp: 33881

Ion Ratio Lower Upper

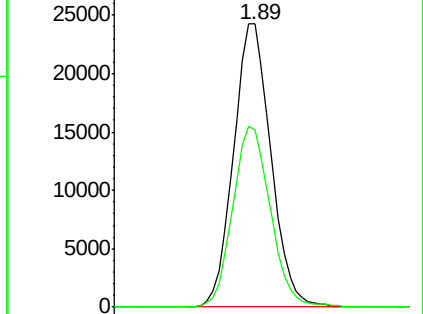
101 100

103 62.5 52.2 78.2

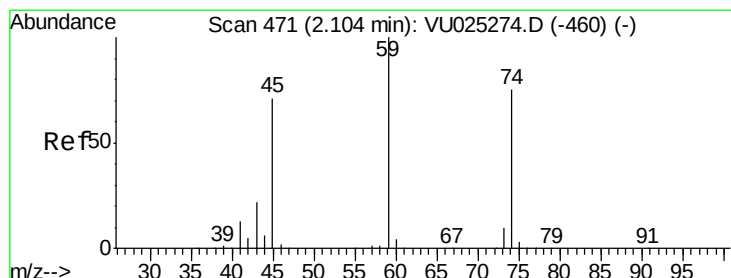
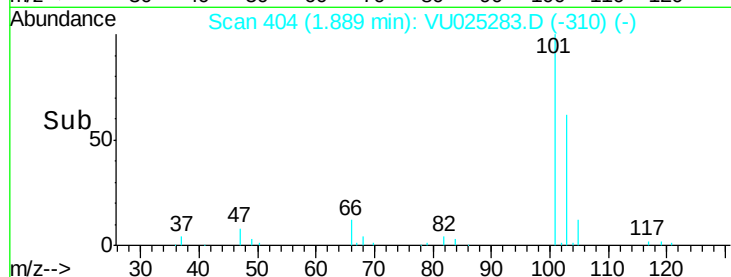


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: 17.08 ug/l

RT: 2.10 min Scan# 471

Delta R.T. -0.00 min

Lab File: VU025283.D

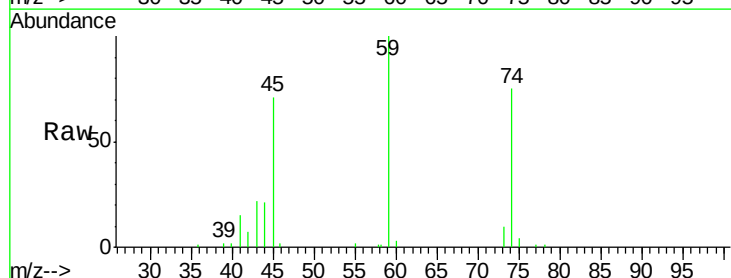
Acq: 10 Jul 2018 12:43

Tgt Ion: 74 Resp: 12764

Ion Ratio Lower Upper

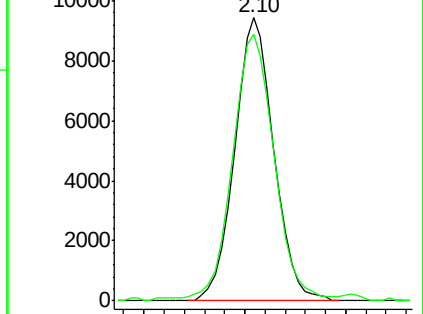
74 100

45 97.0 48.3 144.9

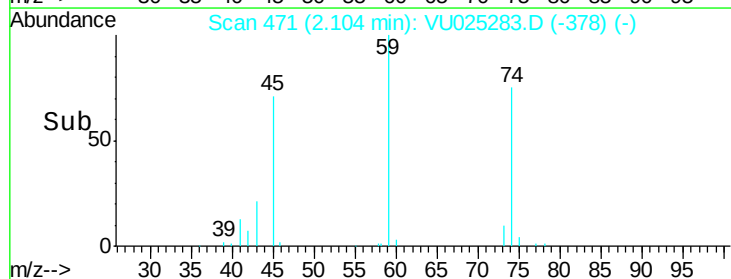


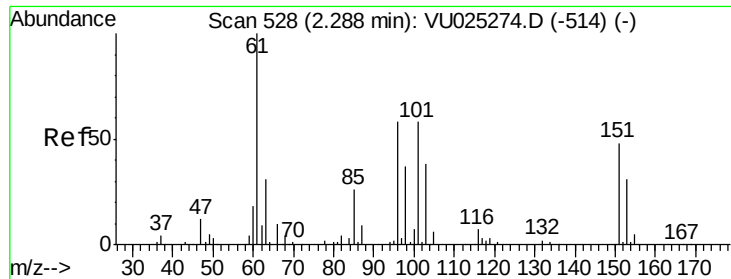
Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.99 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

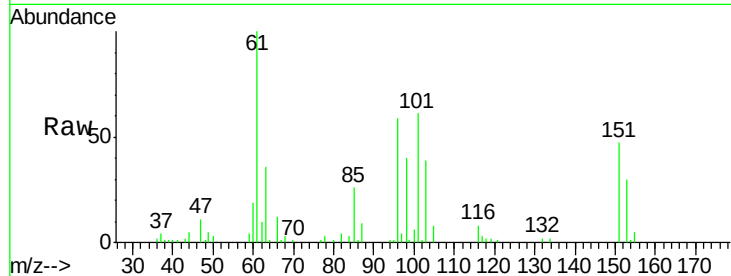
Tot Ion:101 Resp: 20968

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

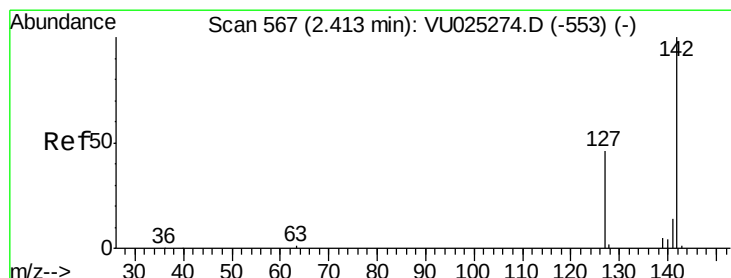
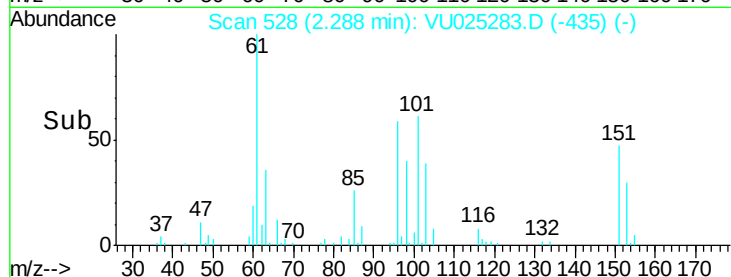
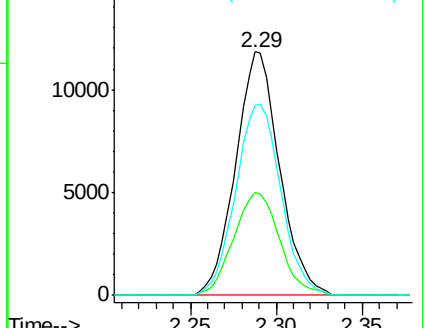
151 80.6 65.6 98.4



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: 18.76 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

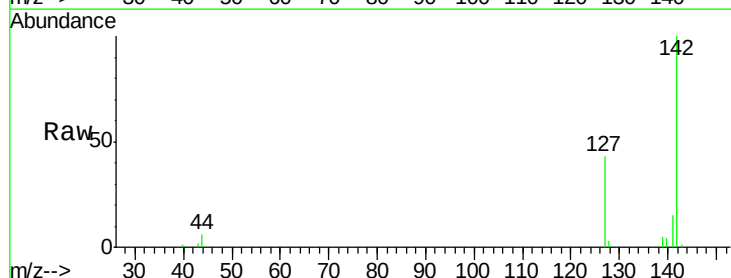
Tgt Ion:142 Resp: 18052

Ion Ratio Lower Upper

142 100

127 45.1 36.5 54.7

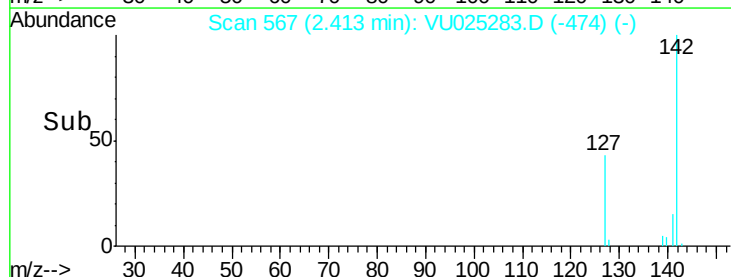
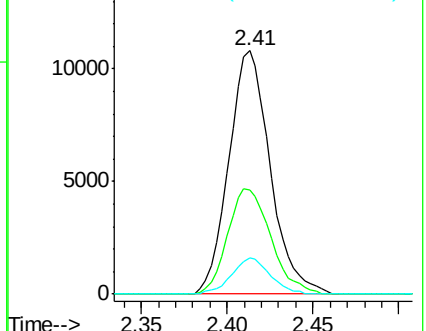
141 13.9 11.4 17.2

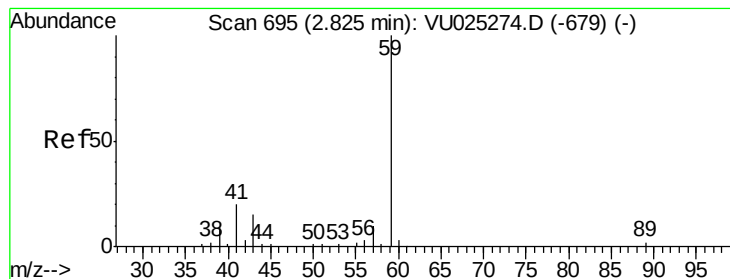


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



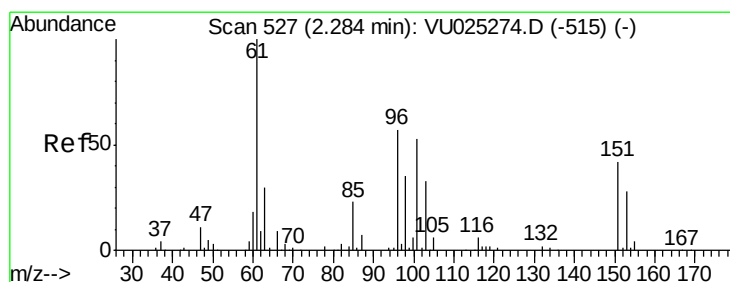
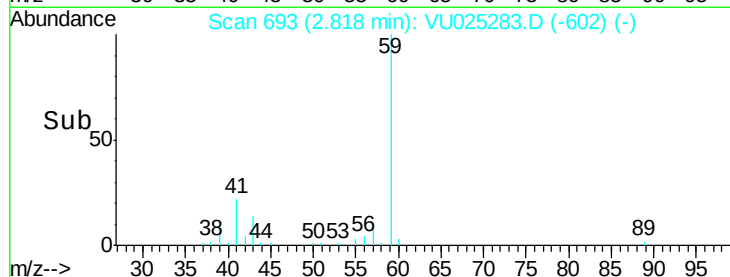
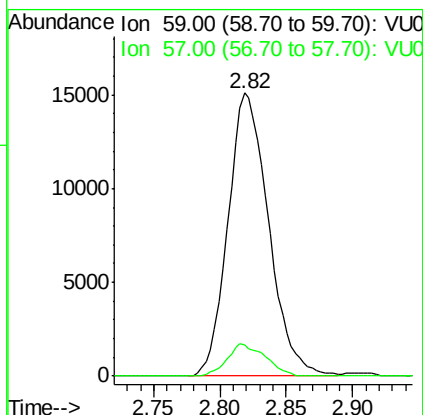
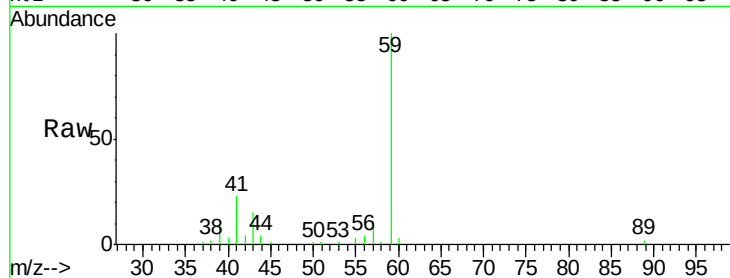


#11

Tert butyl alcohol
 Concen: 85.16 ug/l
 RT: 2.82 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

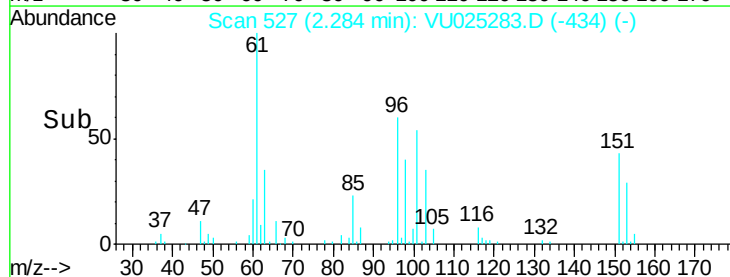
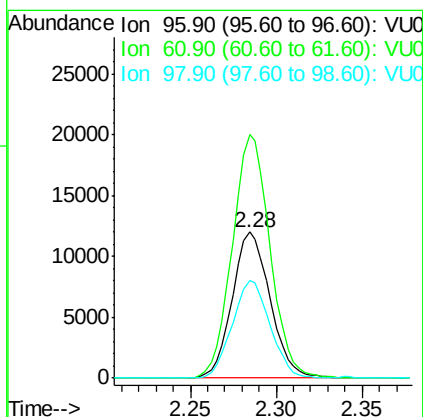
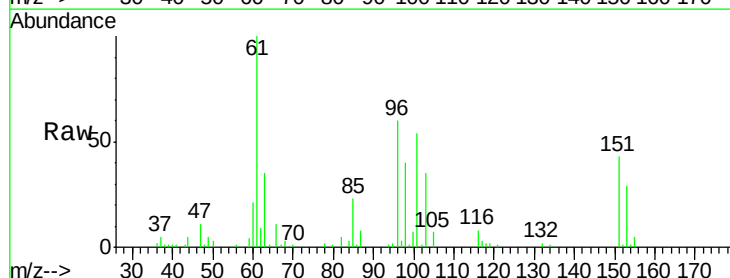
Tot Ion: 59 Resp: 32154
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

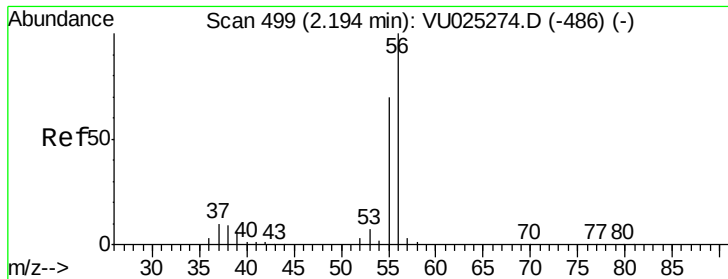


#12

1,1-Dichloroethene
 Concen: 16.28 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 96 Resp: 18382
 Ion Ratio Lower Upper
 96 100
 61 167.0 140.2 210.4
 98 66.8 49.3 73.9

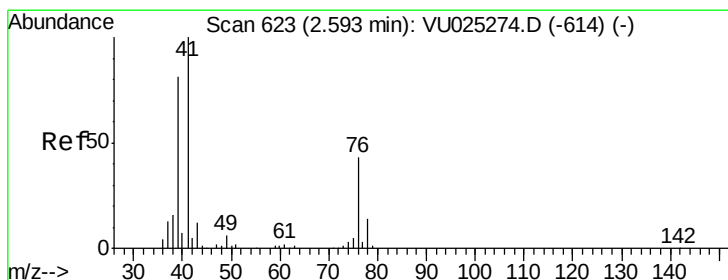
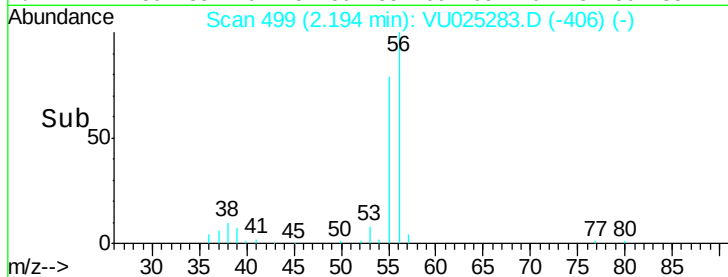
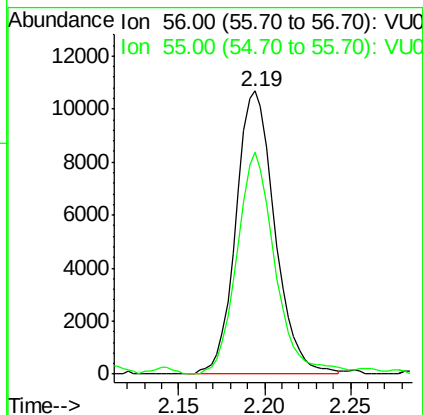
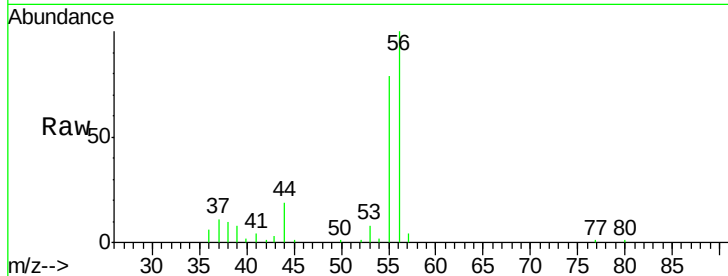




#13
 Acrolein
 Concen: 67.37 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

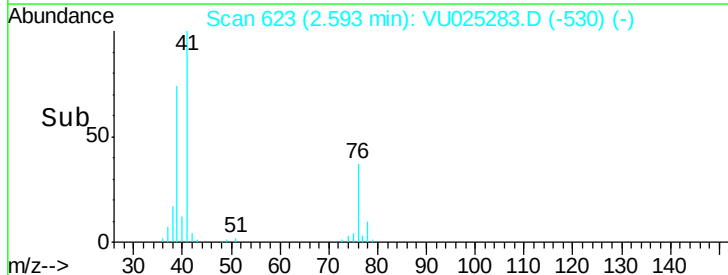
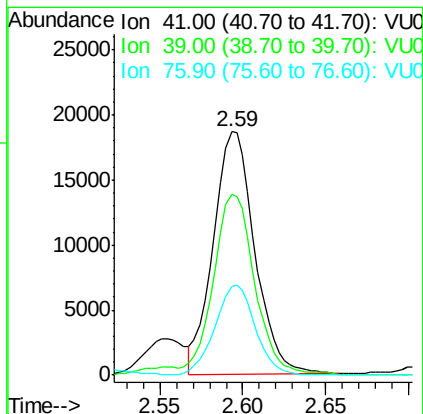
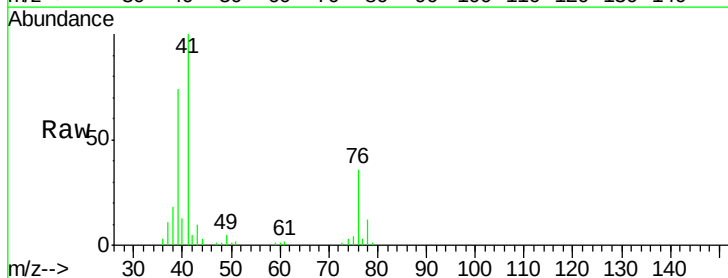
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

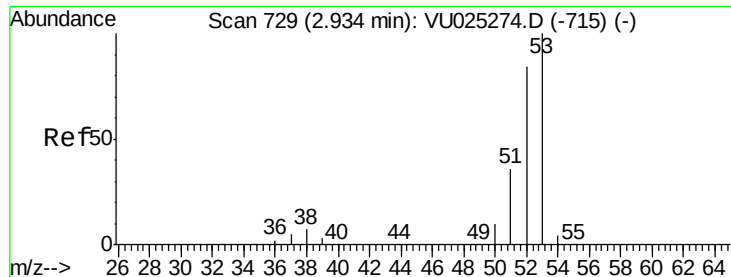
Tot Ion: 56 Resp: 16829
 Ion Ratio Lower Upper
 56 100
 55 76.7 57.2 85.8



#14
 Allyl chloride
 Concen: 15.92 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 41 Resp: 32597
 Ion Ratio Lower Upper
 41 100
 39 71.7 60.6 91.0
 76 35.7 30.5 45.7





#15

Acrylonitrile

Concen: 85.52 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

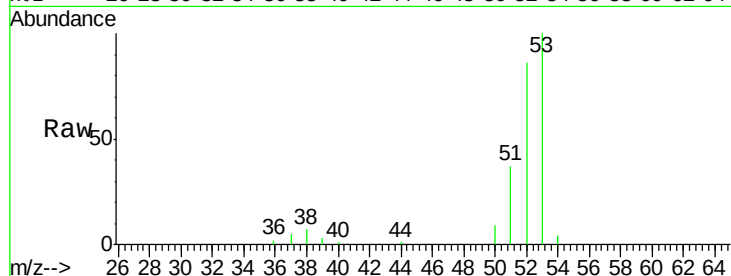
Tot Ion: 53 Resp: 66384

Ion Ratio Lower Upper

53 100

52 82.6 66.6 99.8

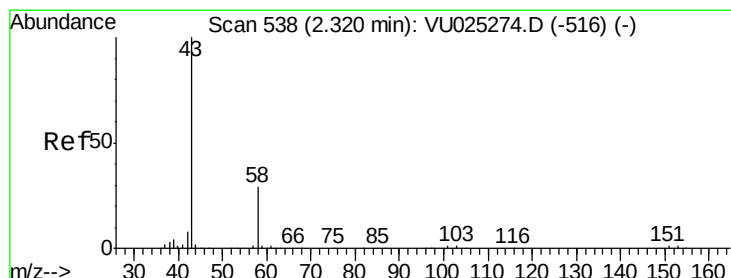
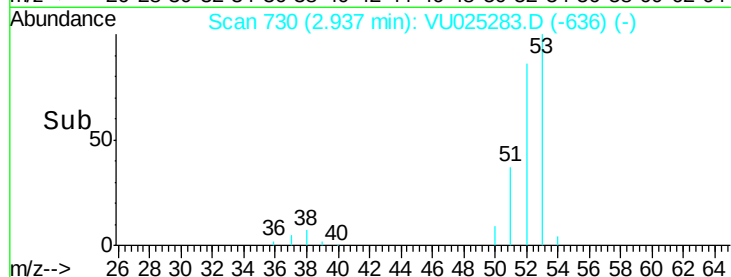
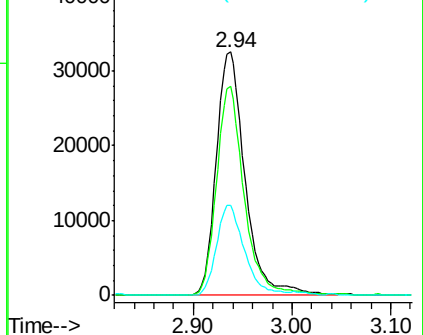
51 36.0 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 91.81 ug/l

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025283.D

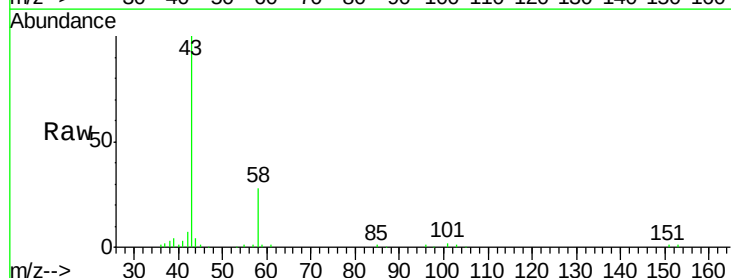
Acq: 10 Jul 2018 12:43

Tgt Ion: 43 Resp: 78316

Ion Ratio Lower Upper

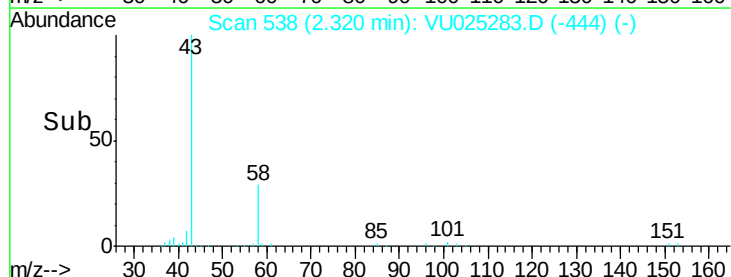
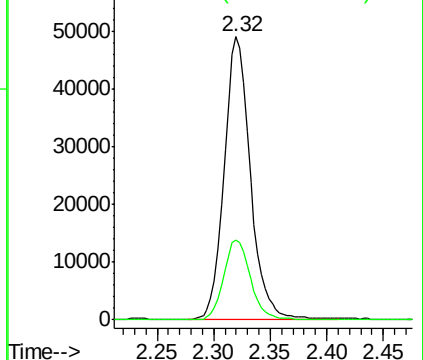
43 100

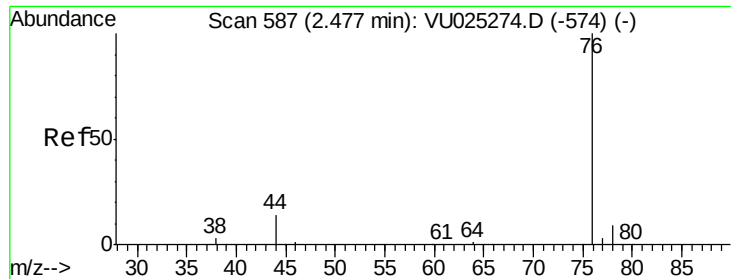
58 28.5 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 16.33 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

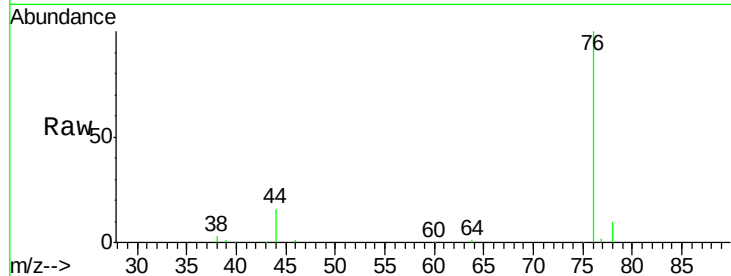
VU0710WBS01

Tot Ion: 76 Resp: 49421

Ion Ratio Lower Upper

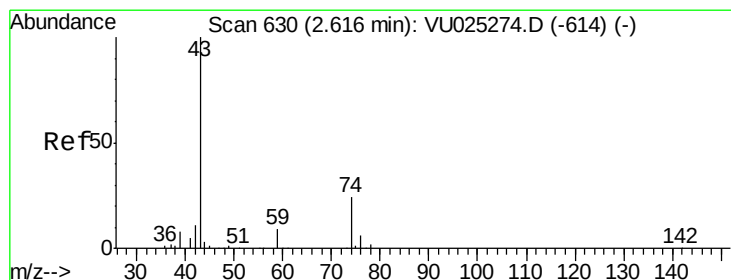
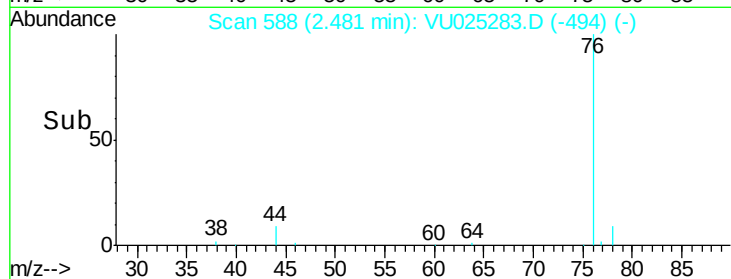
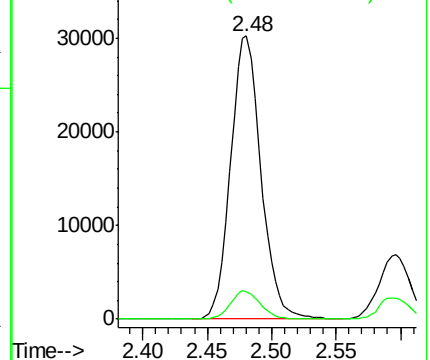
76 100

78 9.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 17.98 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025283.D

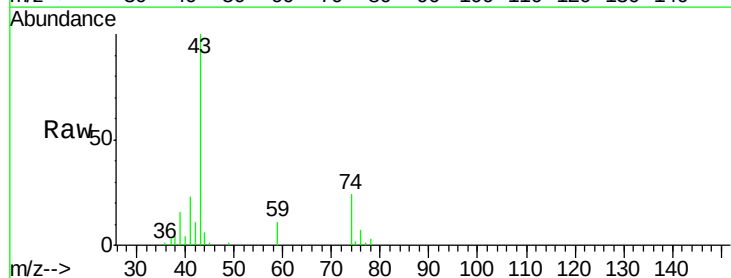
Acq: 10 Jul 2018 12:43

Tgt Ion: 43 Resp: 31866

Ion Ratio Lower Upper

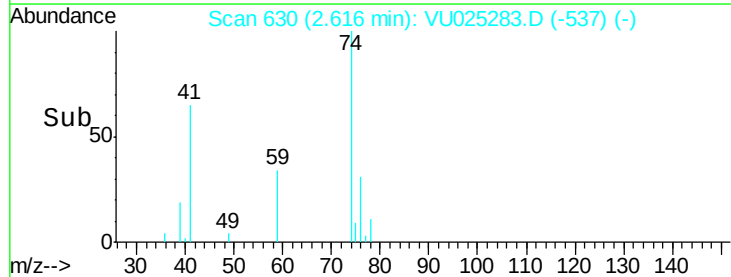
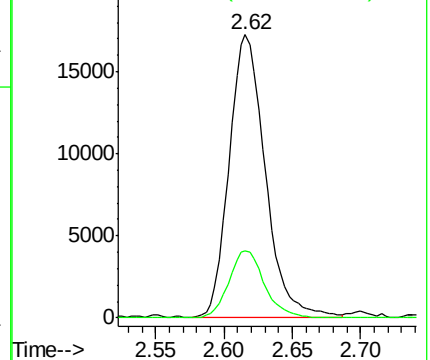
43 100

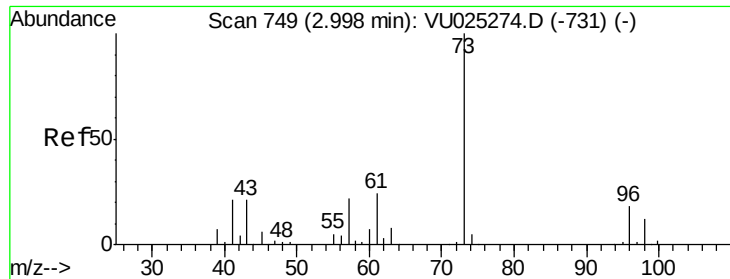
74 23.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

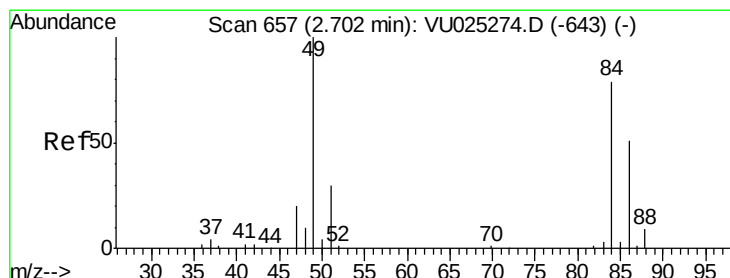
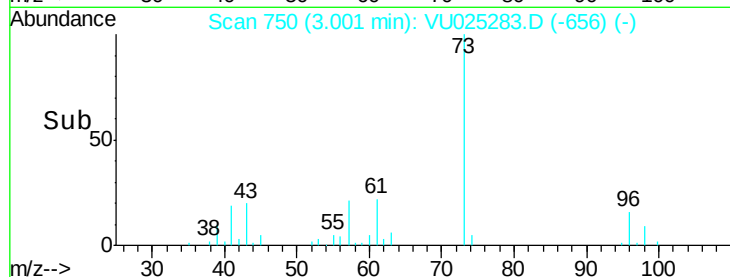
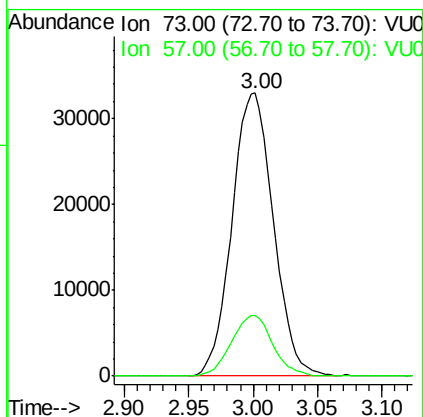
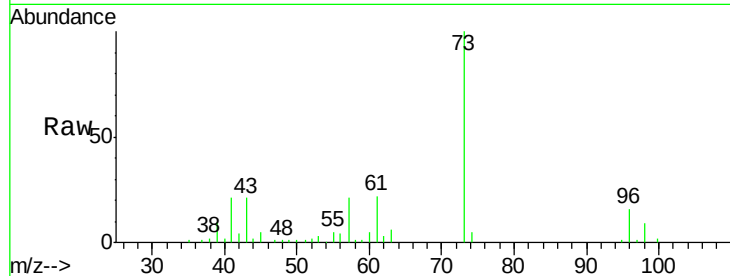




#19
Methyl tert-butyl Ether
Concen: 17.16 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

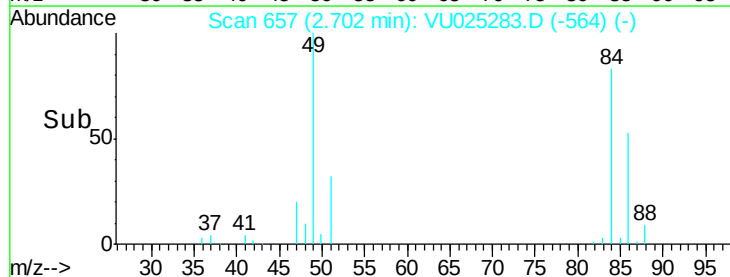
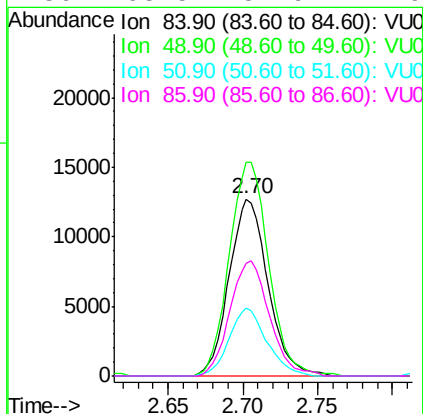
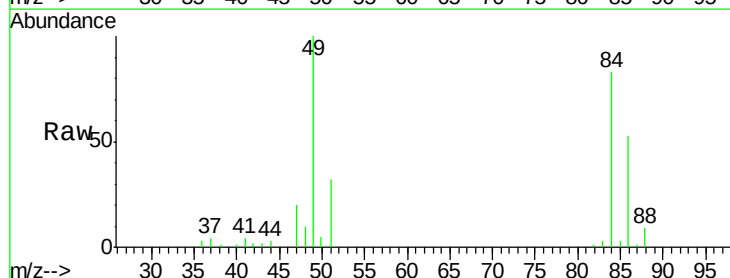
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

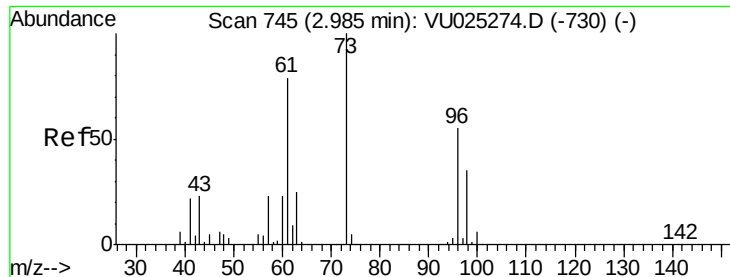
Tot Ion: 73 Resp: 73714
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2



#20
Methylene Chloride
Concen: 17.61 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 84 Resp: 22976
Ion Ratio Lower Upper
84 100
49 120.8 101.8 152.6
51 38.5 30.8 46.2
86 63.5 51.9 77.9

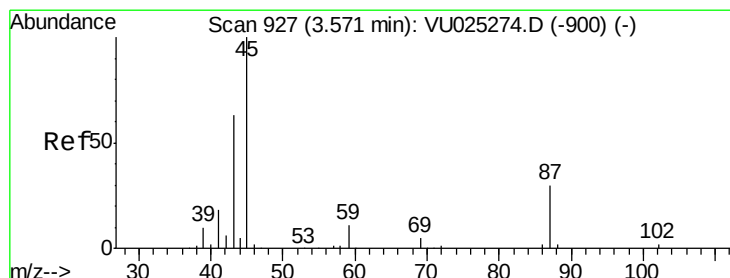
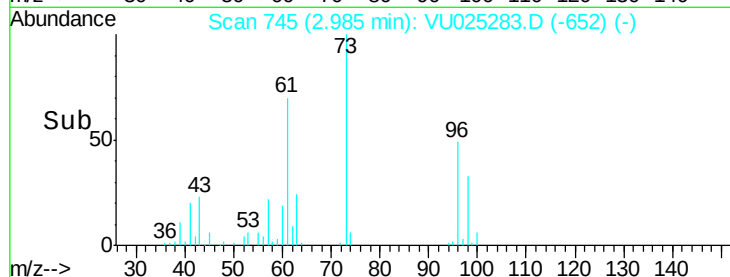
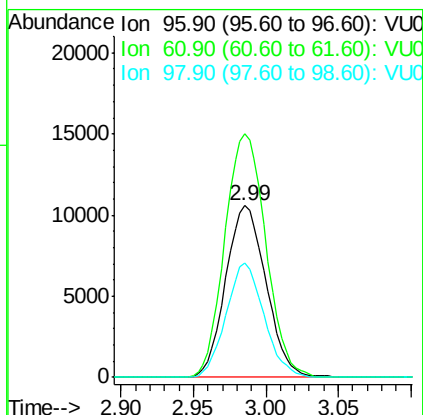
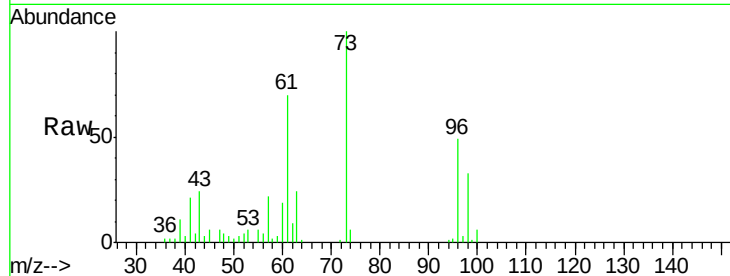




#21
trans-1,2-Dichloroethene
Concen: 15.86 ug/l
RT: 2.99 min Scan# 745
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

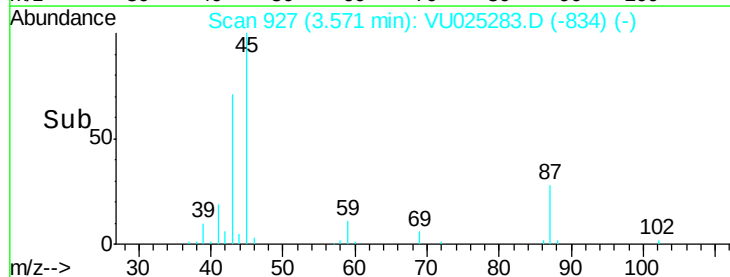
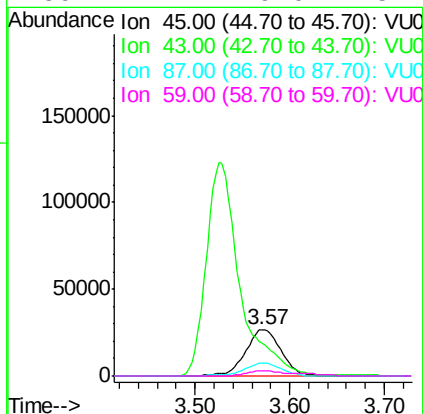
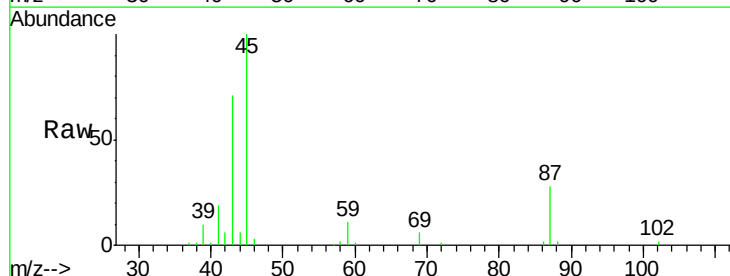
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

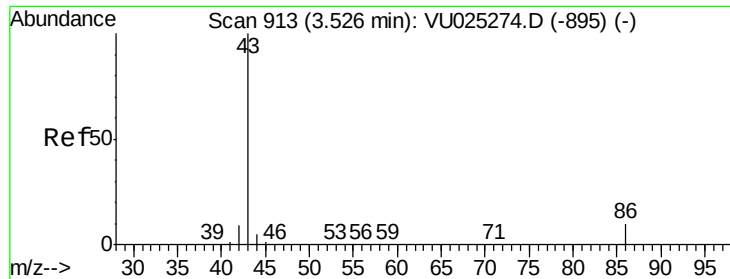
Tot Ion: 96 Resp: 20468
Ion Ratio Lower Upper
96 100
61 141.9 114.5 171.7
98 66.9 50.5 75.7



#22
Diisopropyl ether
Concen: 16.71 ug/l
RT: 3.57 min Scan# 927
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 45 Resp: 69900
Ion Ratio Lower Upper
45 100
43 67.8 50.9 76.3
87 28.4 23.8 35.8
59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 83.40 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampled :

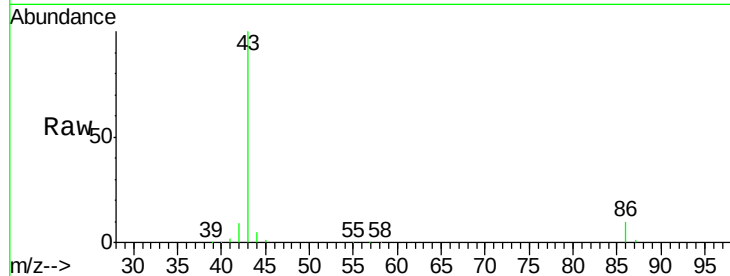
VU0710WBS01

Tot Ion: 43 Resp: 305987

Ion Ratio Lower Upper

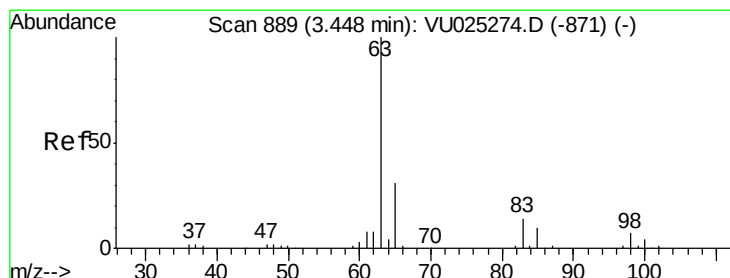
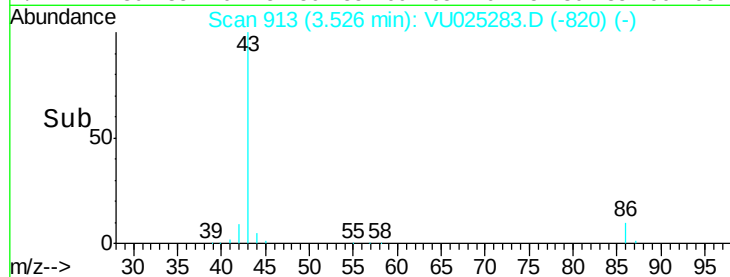
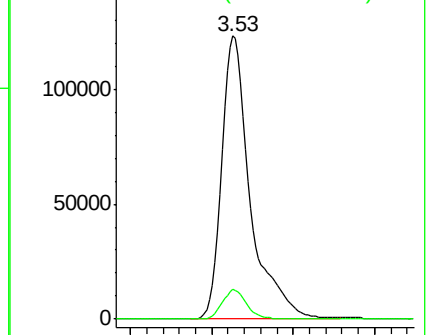
43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 17.25 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

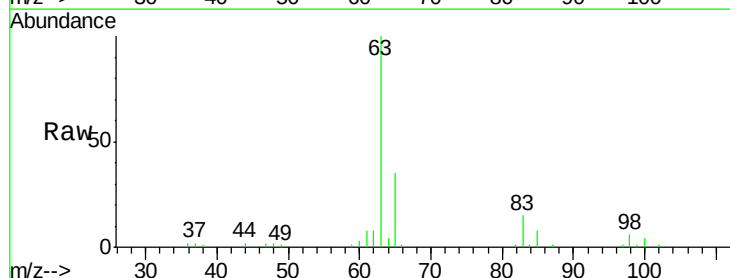
Tgt Ion: 63 Resp: 40696

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

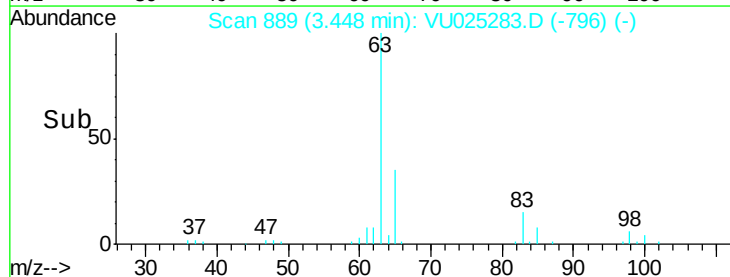
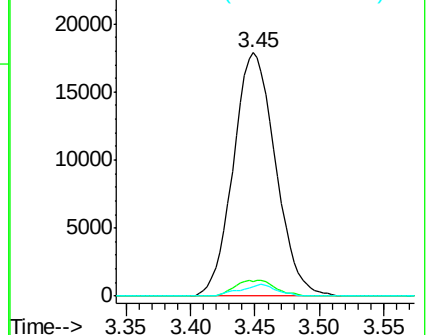
100 4.0 2.0 6.0

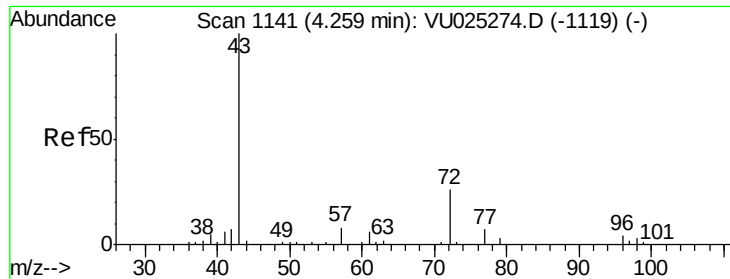


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 83.59 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

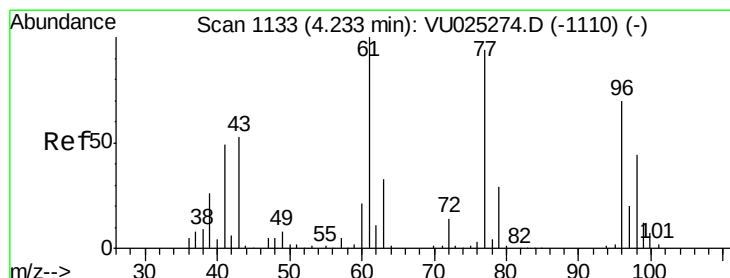
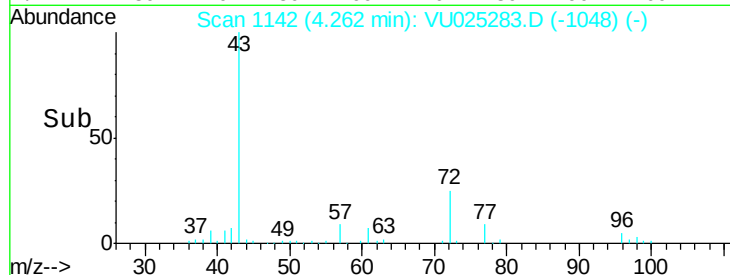
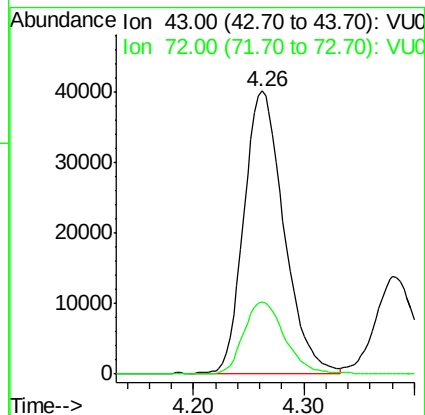
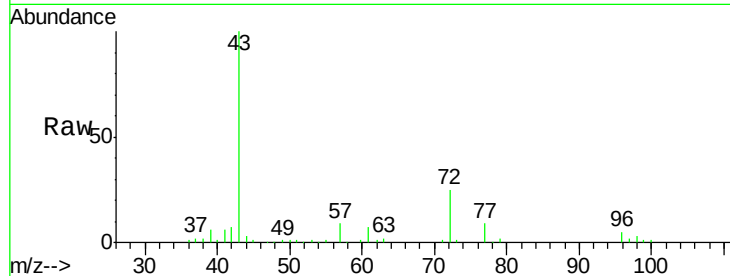
VU0710WBS01

Tot Ion: 43 Resp: 100285

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 16.82 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025283.D

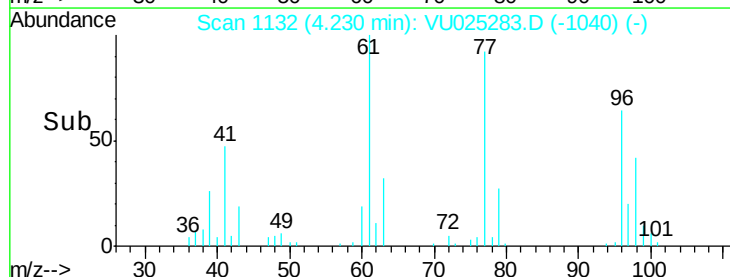
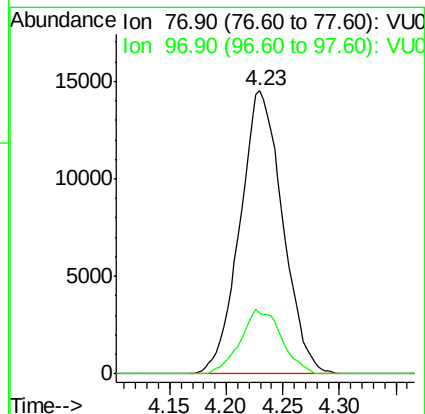
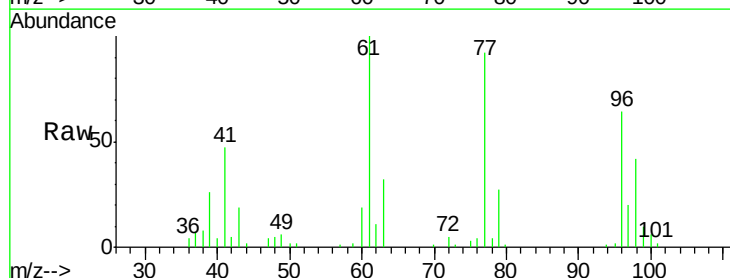
Acq: 10 Jul 2018 12:43

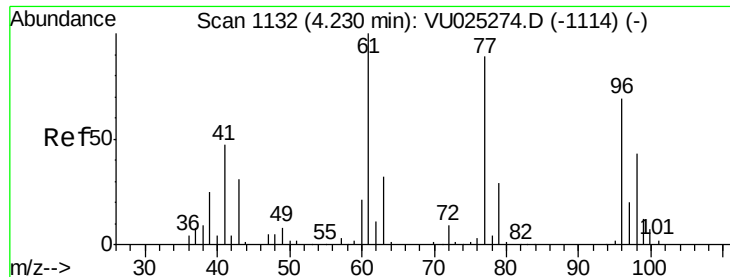
Tgt Ion: 77 Resp: 38147

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.5

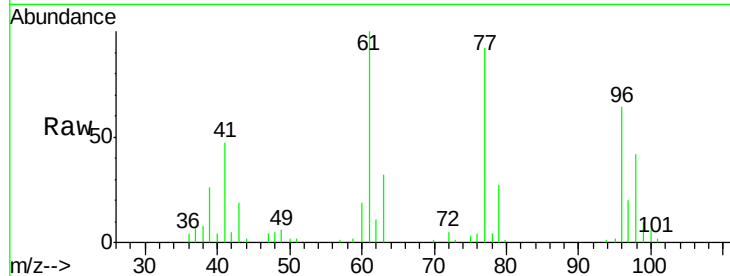




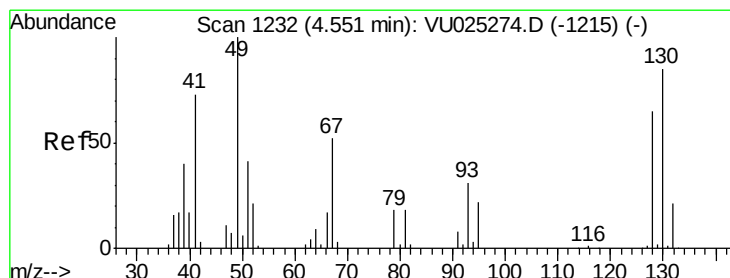
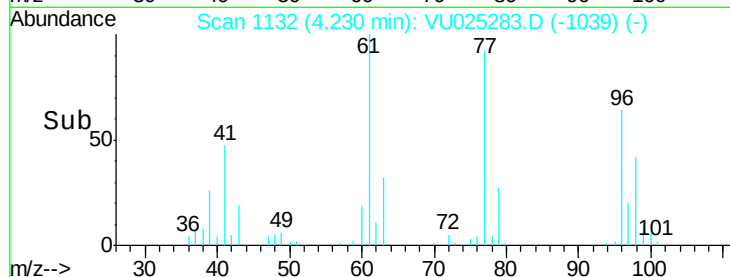
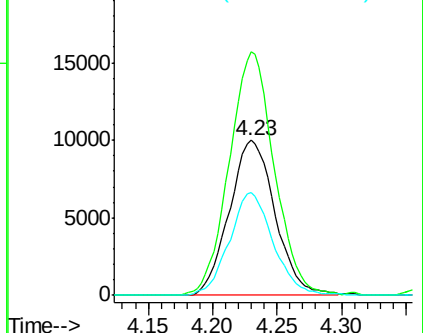
#27
 cis-1,2-Dichloroethene
 Concen: 16.57 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion: 96 Resp: 24744
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 299.8
 98 63.2 0.0 128.6

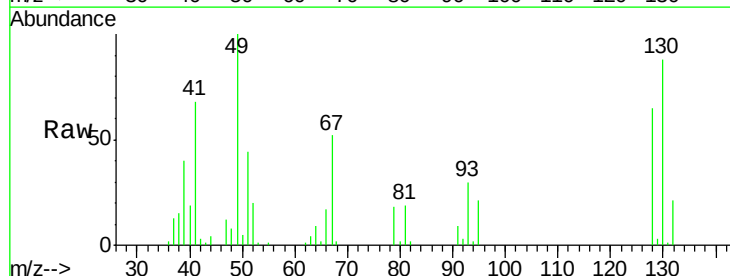


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

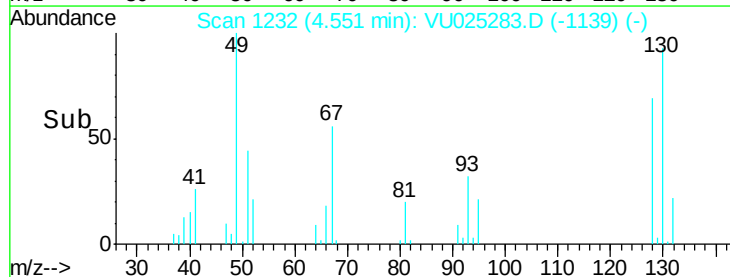
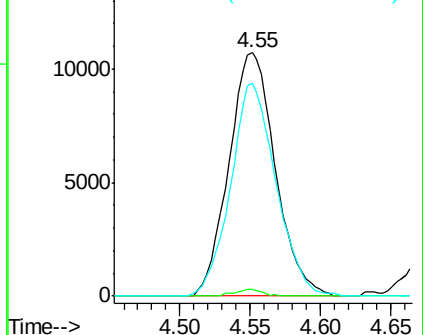


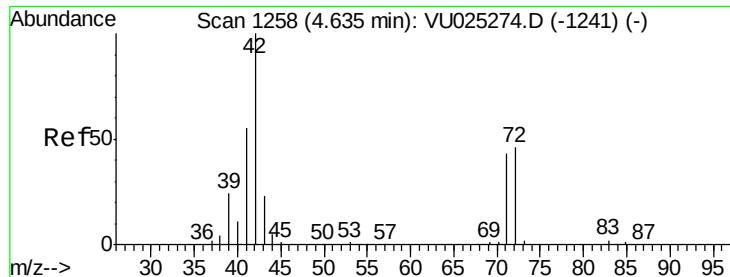
#28
 Bromochloromethane
 Concen: 21.58 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 49 Resp: 24584
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 85.7 68.6 102.8



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





#29

Tetrahydrofuran

Concen: 85.82 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

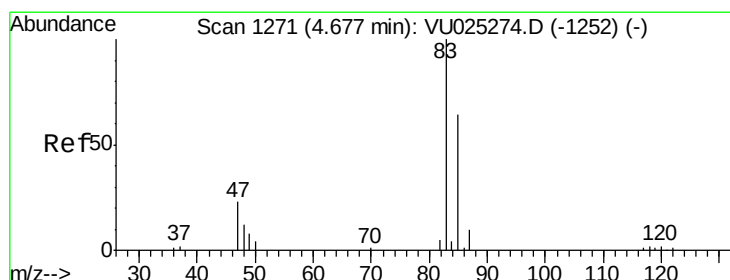
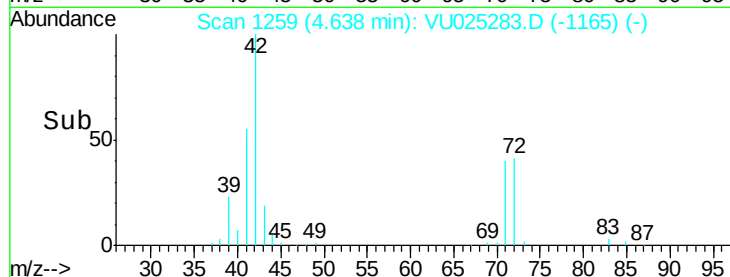
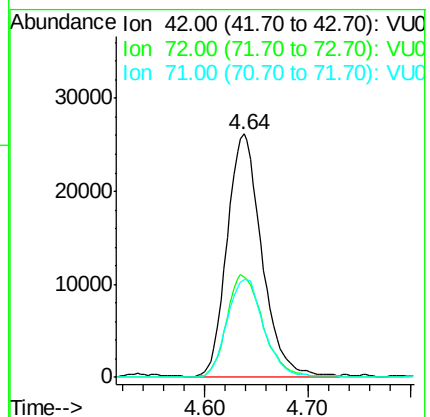
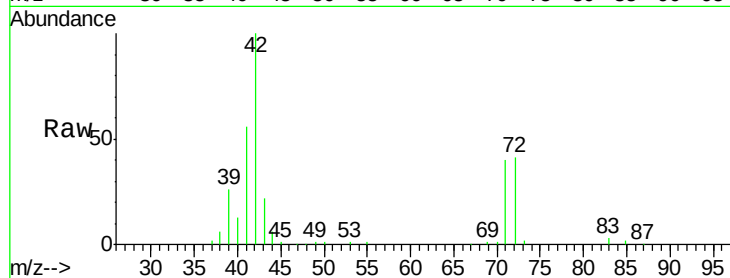
Tot Ion: 42 Resp: 61756

Ion Ratio Lower Upper

42 100

72 43.8 36.7 55.1

71 42.3 33.9 50.9



#30

Chloroform

Concen: 17.34 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU025283.D

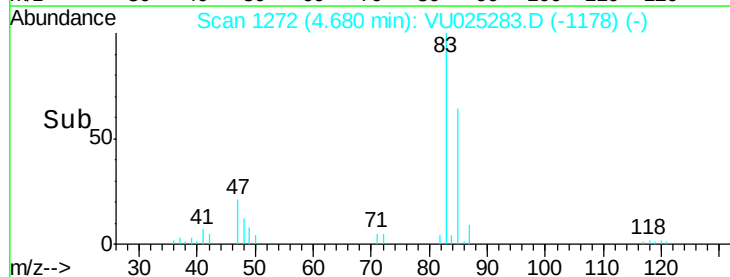
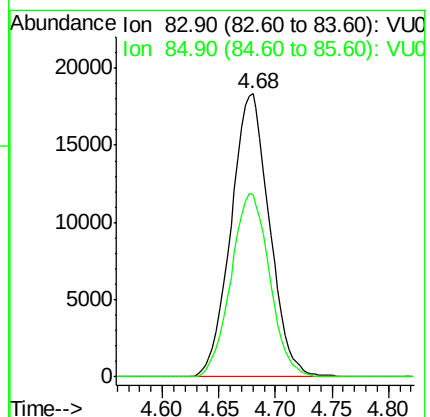
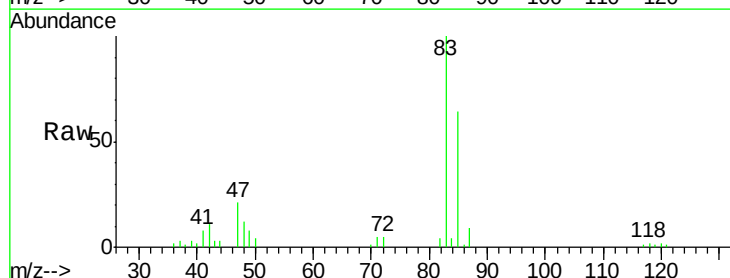
Acq: 10 Jul 2018 12:43

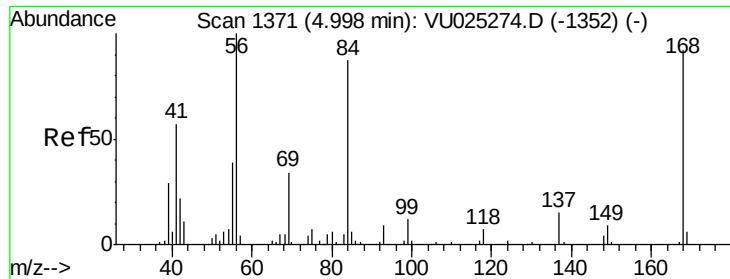
Tgt Ion: 83 Resp: 43304

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

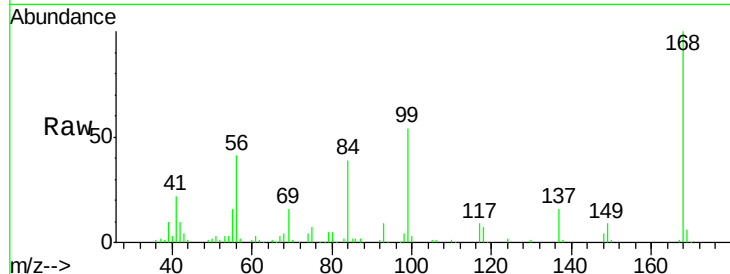




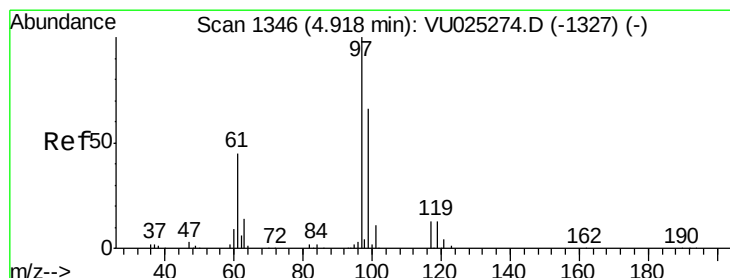
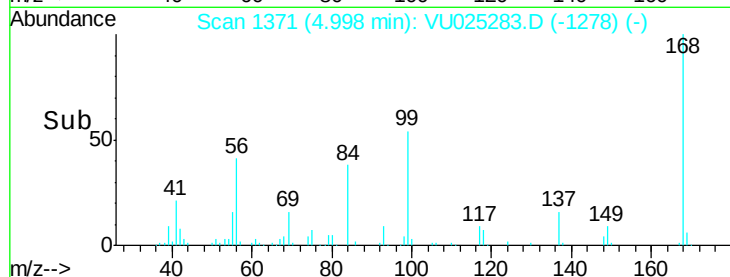
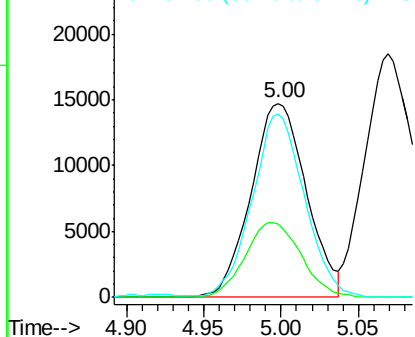
#31
Cyclohexane
Concen: 17.27 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion: 56 Resp: 36678
Ion Ratio Lower Upper
56 100
69 37.6 26.8 40.2
84 93.3 69.7 104.5

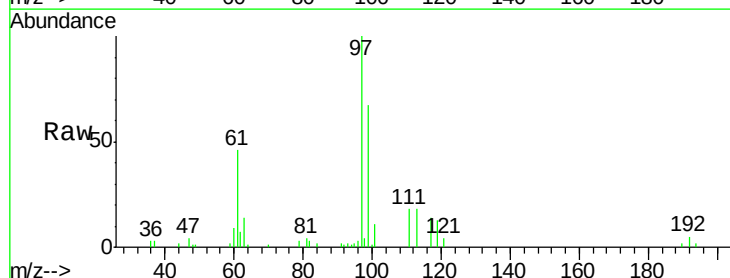


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

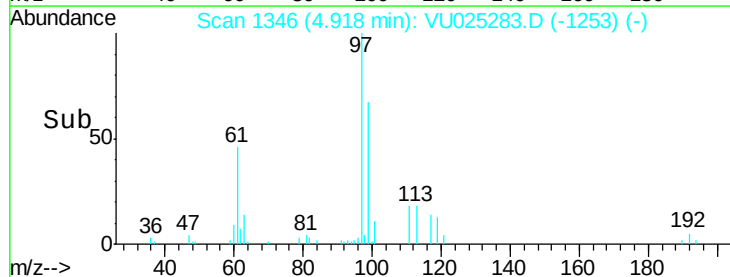
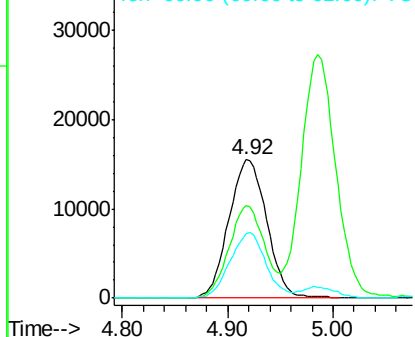


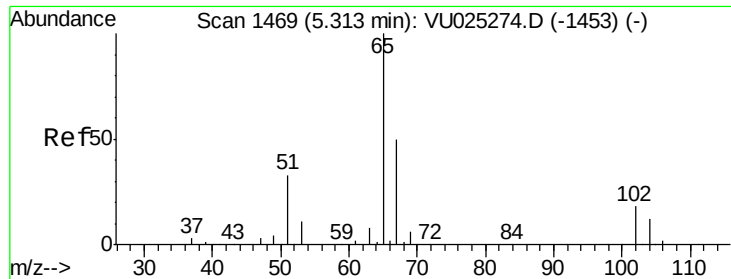
#32
1,1,1-Trichloroethane
Concen: 17.11 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 97 Resp: 38734
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 44.8 35.2 52.8



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

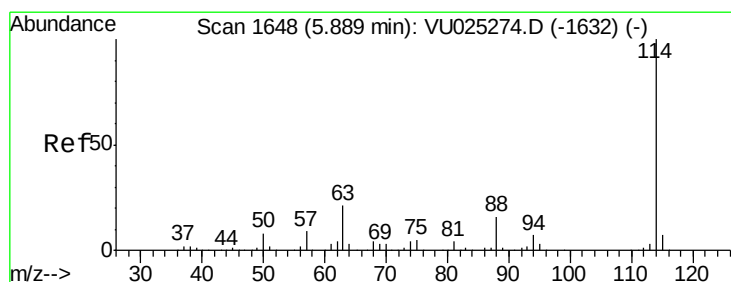
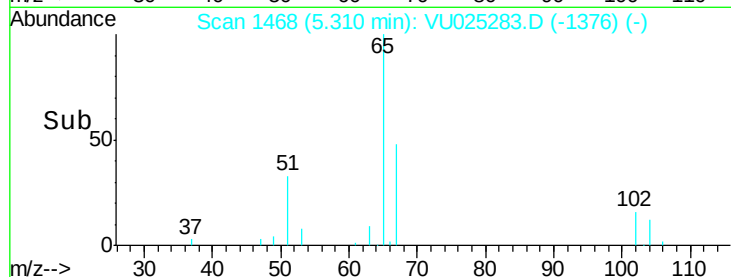
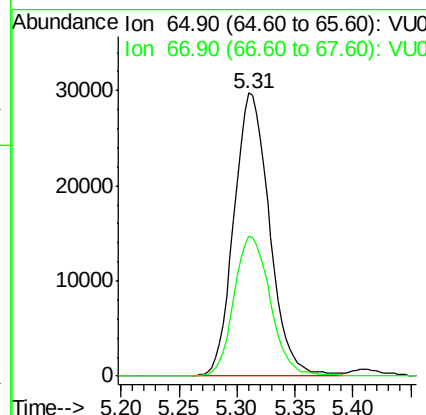
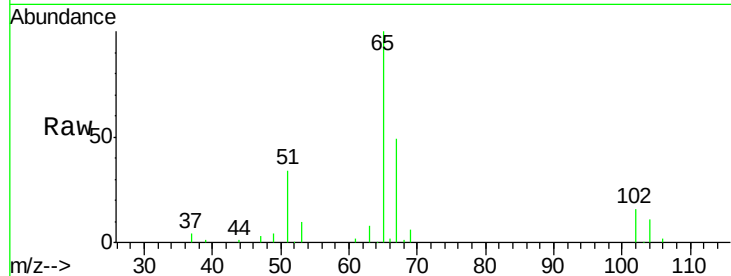




#33
 1,2-Dichloroethane-d4
 Concen: 36.67 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

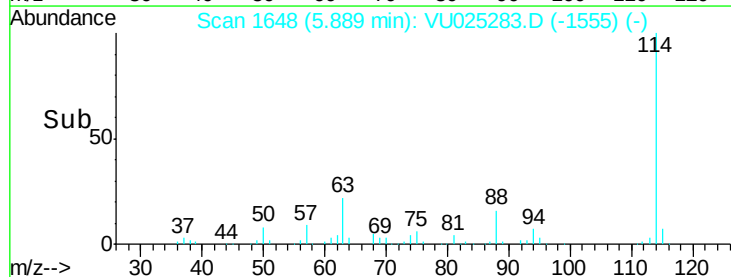
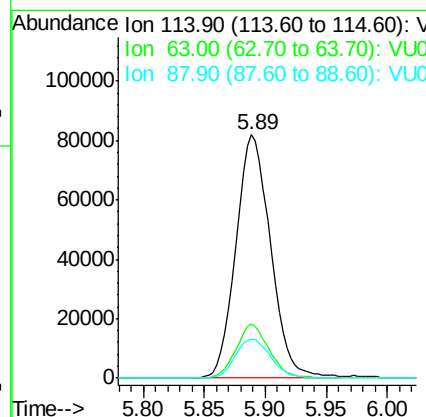
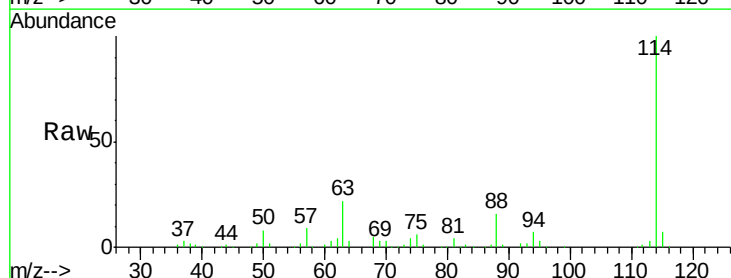
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

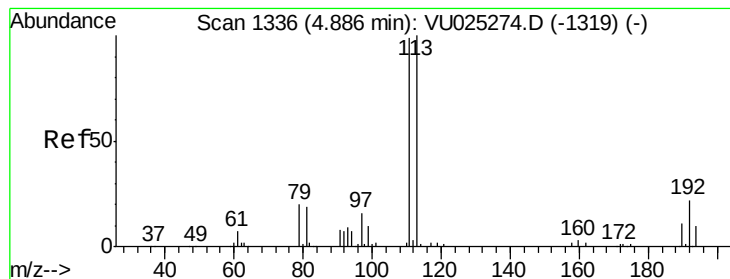
Tot Ion: 65 Resp: 63463
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 114 Resp: 161721
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 41.6
 88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 35.90 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

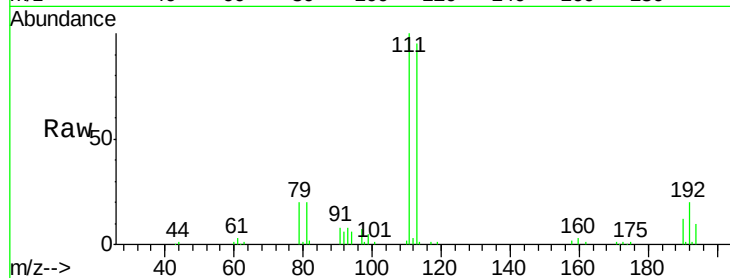
Tot Ion:113 Resp: 48971

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

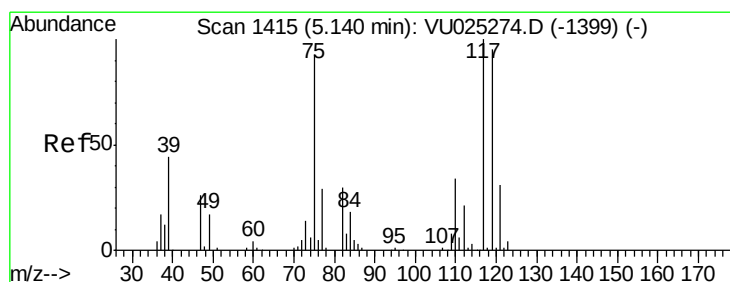
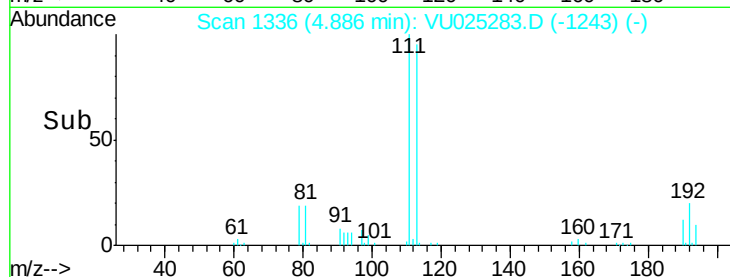
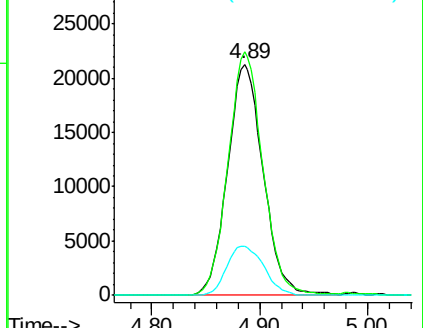
192 22.1 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.04 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

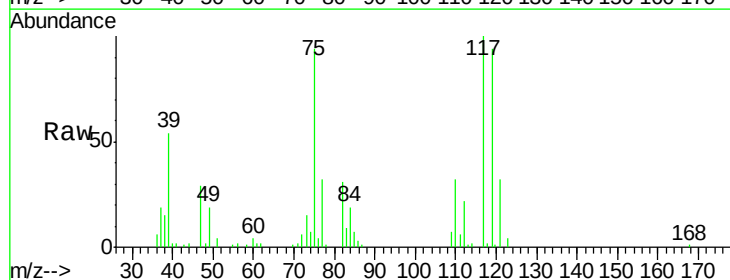
Tgt Ion: 75 Resp: 28845

Ion Ratio Lower Upper

75 100

110 35.5 17.6 52.9

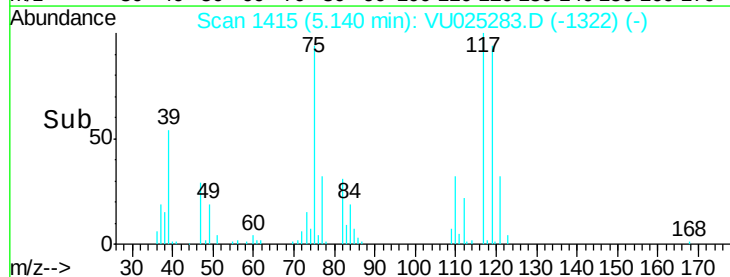
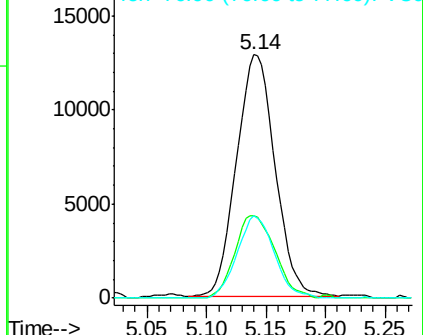
77 32.8 24.4 36.6

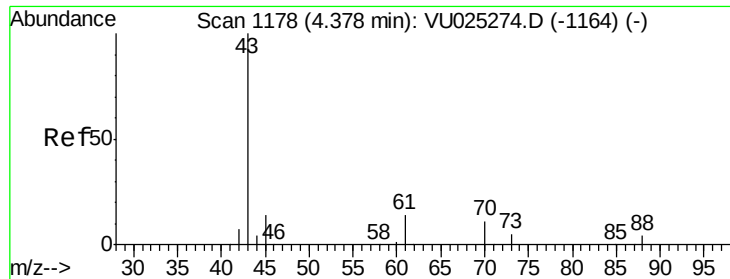


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

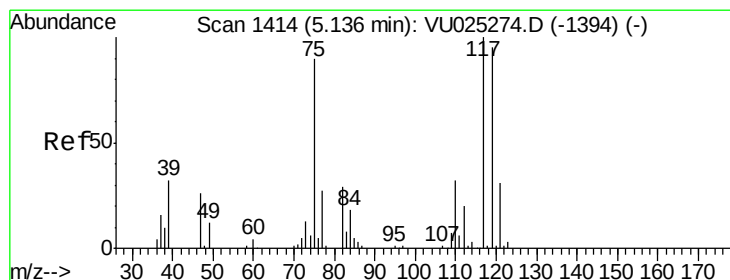
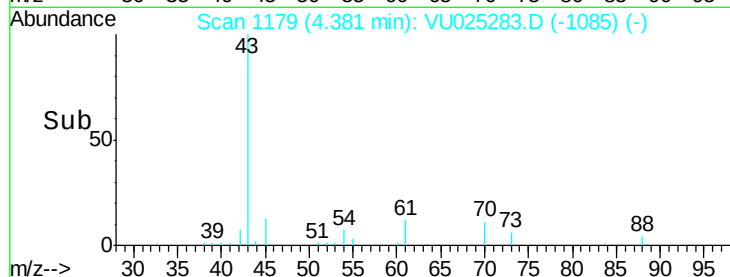
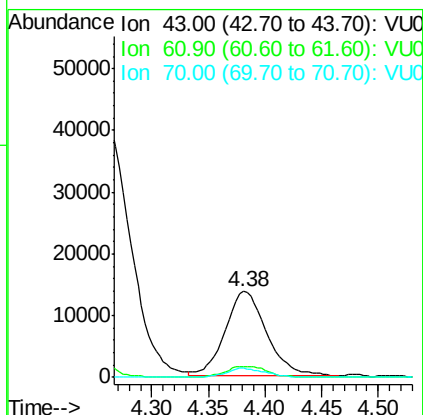
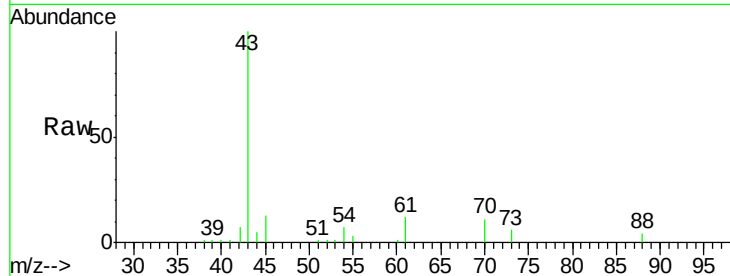




#37
Ethyl Acetate
Concen: 17.49 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

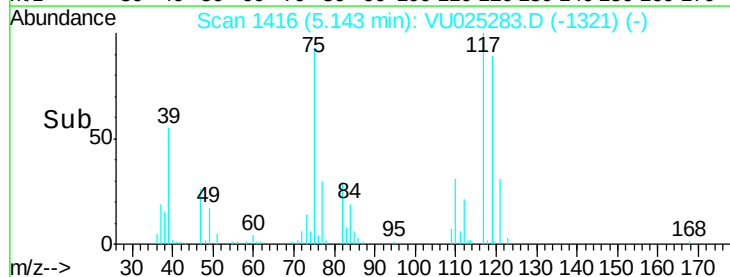
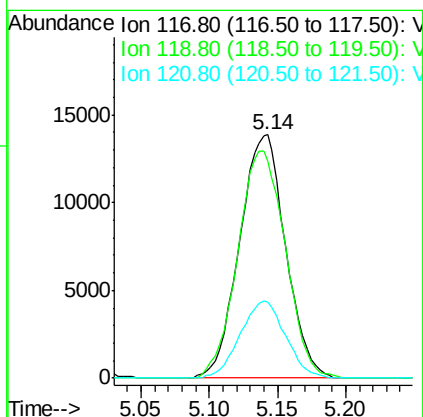
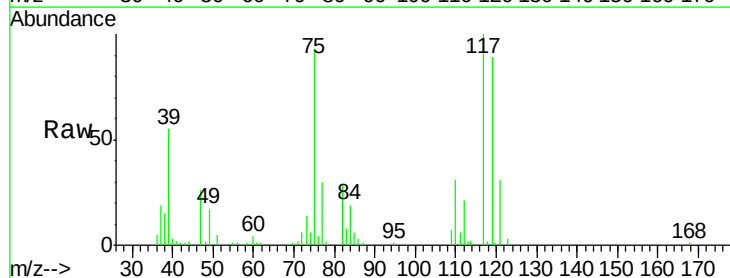
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

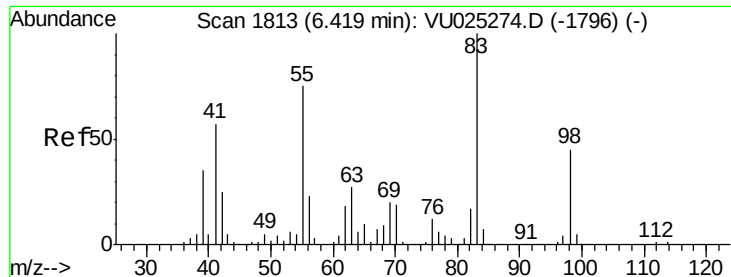
Tot Ion: 43 Resp: 35060
Ion Ratio Lower Upper
43 100
61 12.9 10.7 16.1
70 9.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 16.78 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. 0.01 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 117 Resp: 32473
Ion Ratio Lower Upper
117 100
119 89.1 75.7 113.5
121 31.1 24.6 36.8

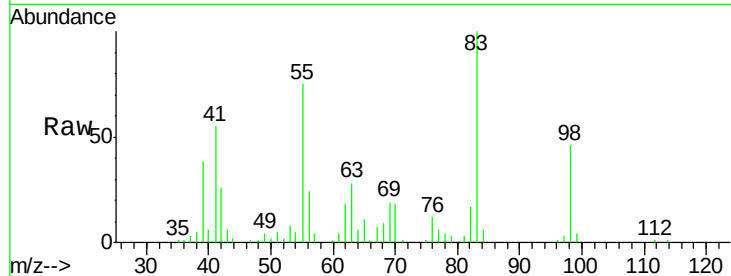




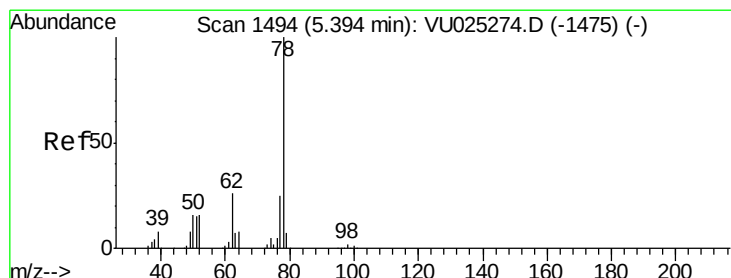
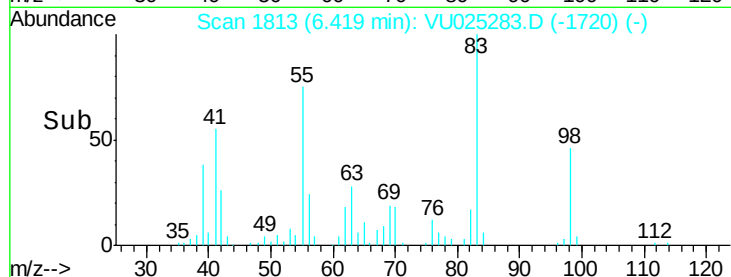
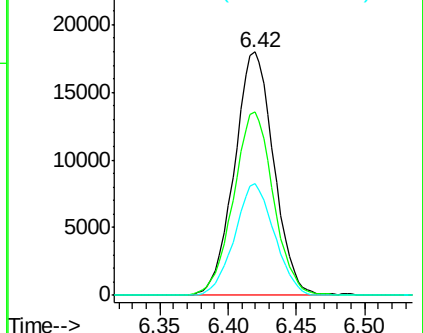
#39
Methylvlcyclohexane
Concen: 16.08 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion: 83 Resp: 36052
Ion Ratio Lower Upper
83 100
55 75.4 60.0 90.0
98 46.1 36.1 54.1

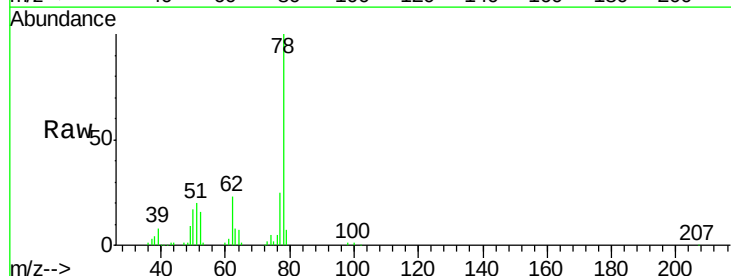


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

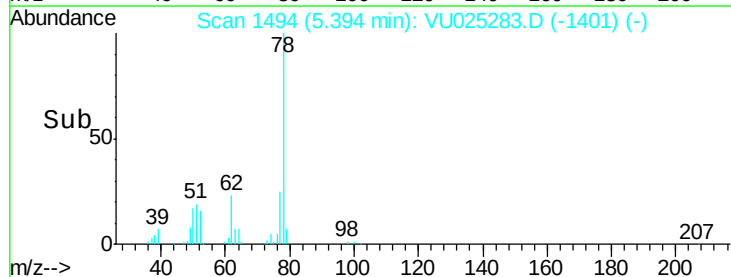
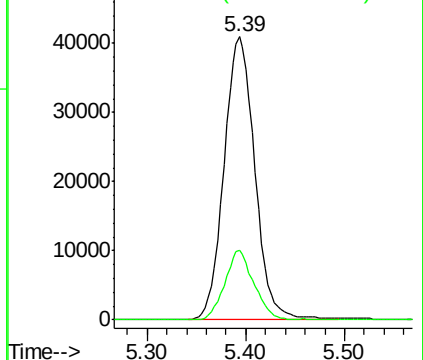


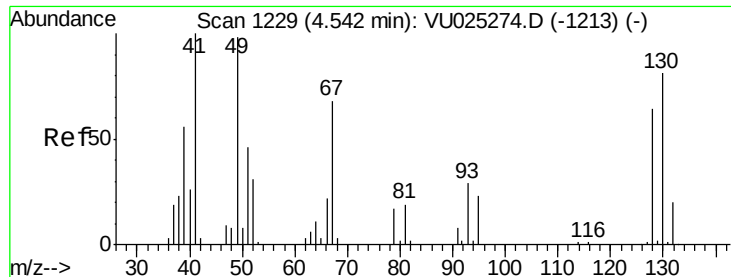
#40
Benzene
Concen: 17.25 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 78 Resp: 89354
Ion Ratio Lower Upper
78 100
77 24.6 19.8 29.6



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

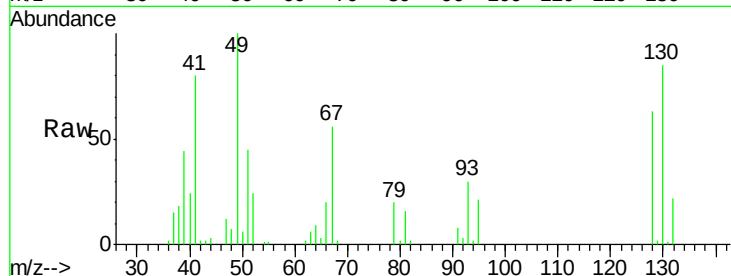




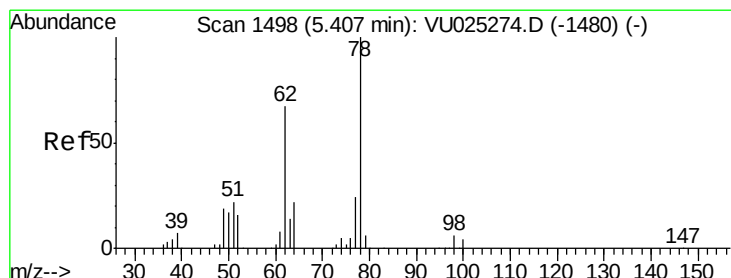
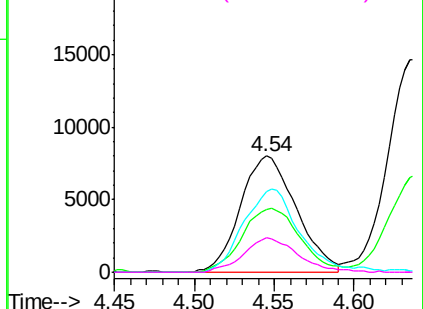
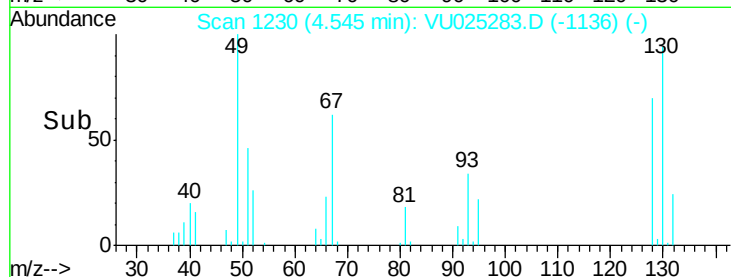
#41
Methacrylonitrile
Concen: 17.25 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion: 41 Resp: 19180
Ion Ratio Lower Upper
41 100
39 57.6 44.4 66.6
67 70.7 56.0 84.0
52 29.1 24.6 36.8

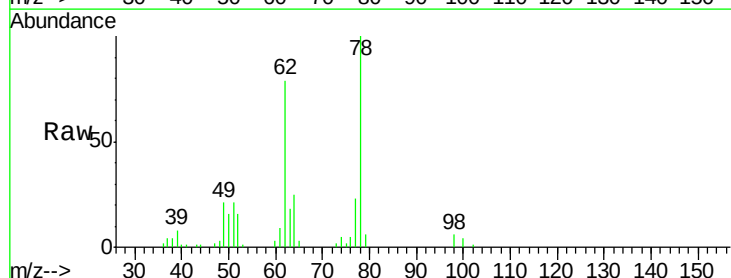


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

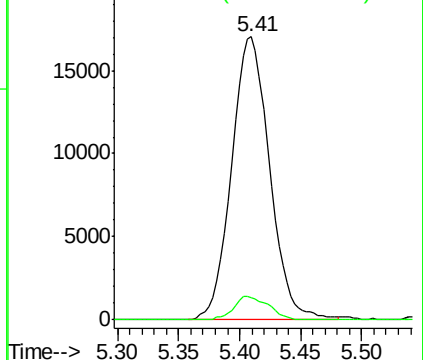
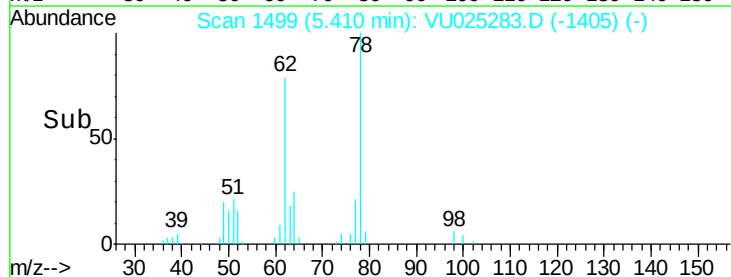


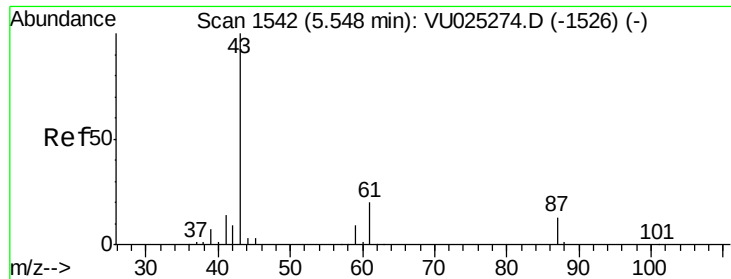
#42
1,2-Dichloroethane
Concen: 17.90 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 62 Resp: 36864
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.4



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





#43

Isopropyl Acetate

Concen: 17.67 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

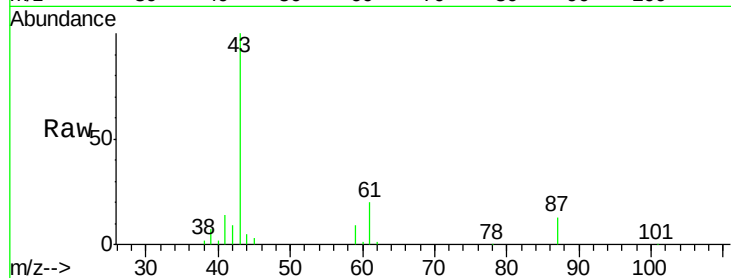
Tot Ion: 43 Resp: 56728

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

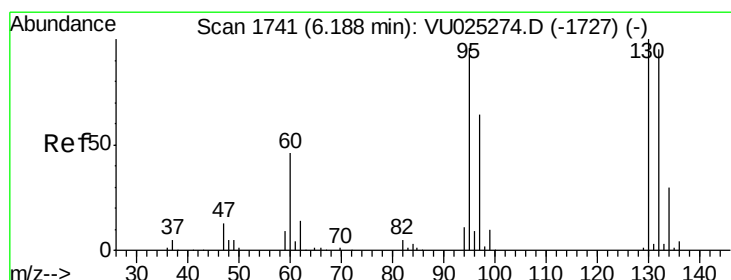
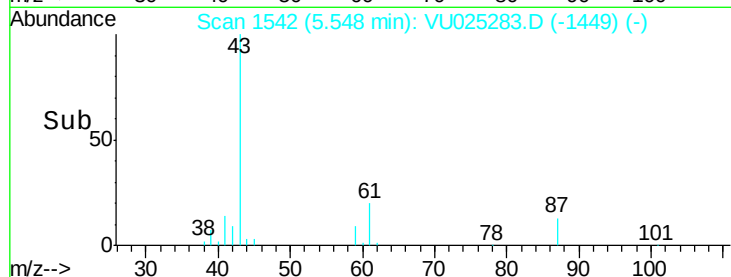
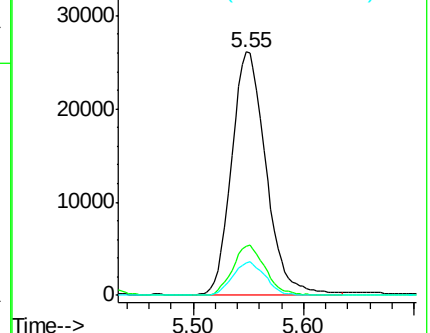
87 12.8 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#44

Trichloroethene

Concen: 15.74 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025283.D

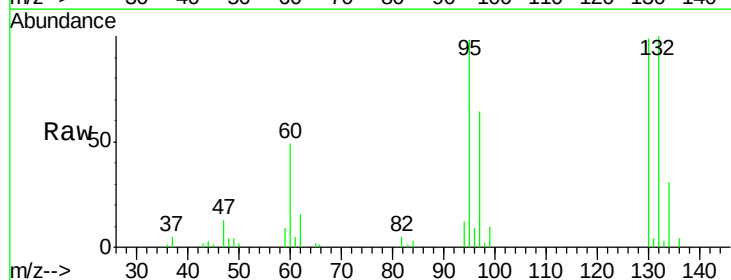
Acq: 10 Jul 2018 12:43

Tgt Ion:130 Resp: 23412

Ion Ratio Lower Upper

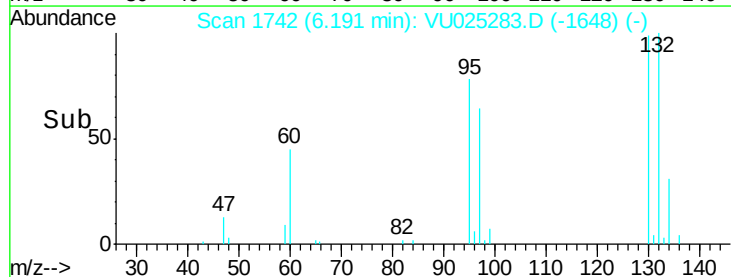
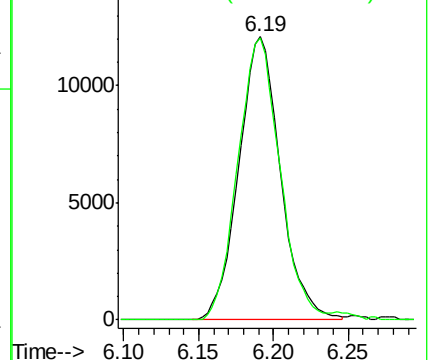
130 100

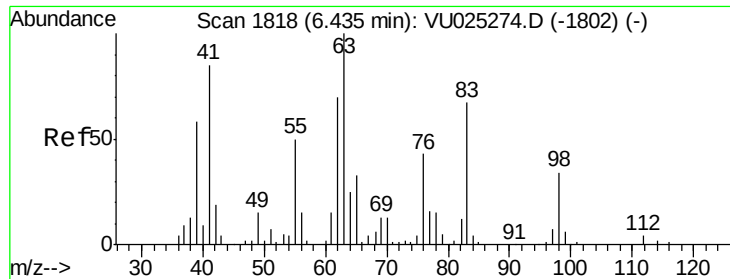
95 99.7 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

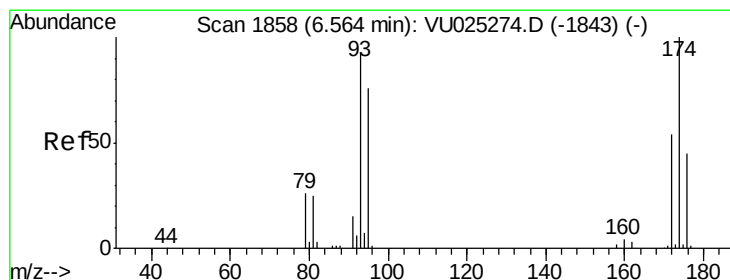
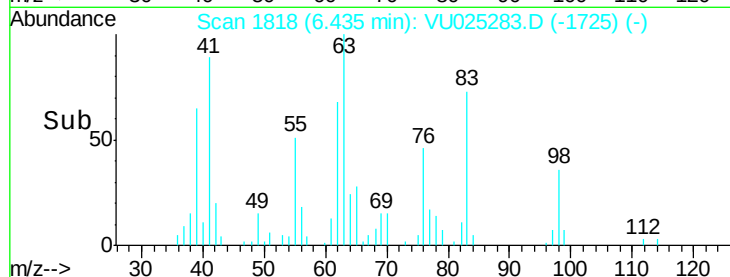
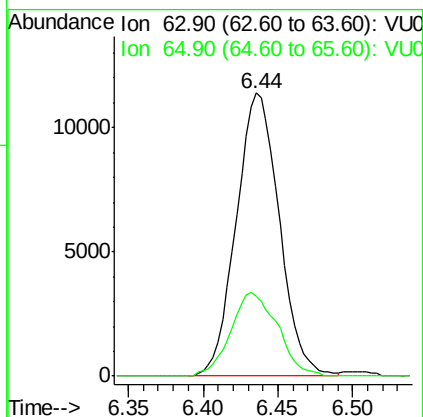
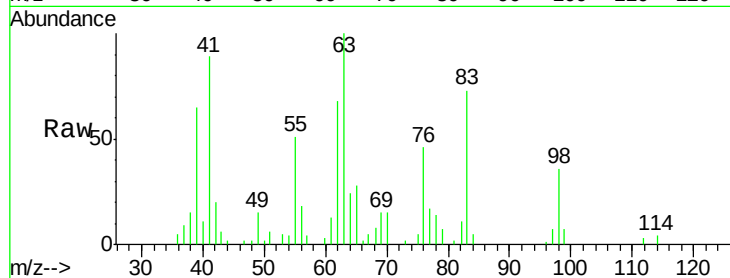




#45
 1,2-Dichloropropane
 Concen: 16.83 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

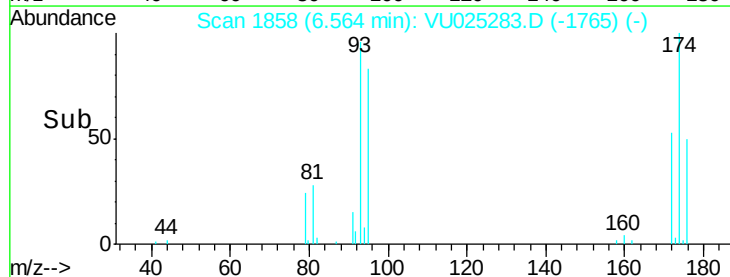
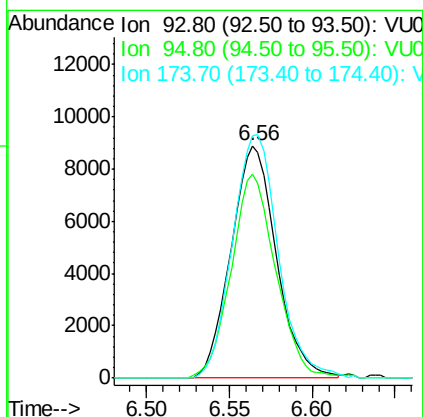
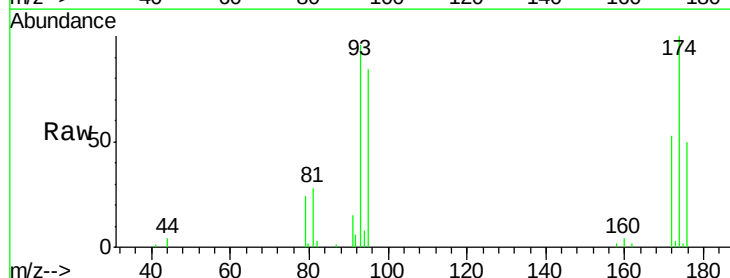
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

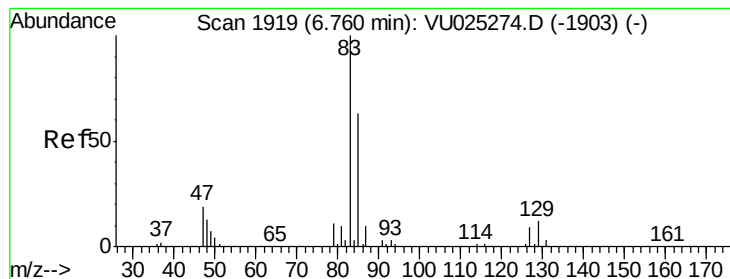
Tot Ion: 63 Resp: 22843
 Ion Ratio Lower Upper
 63 100
 65 28.4 26.1 39.1



#46
 Dibromomethane
 Concen: 17.13 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 93 Resp: 16920
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.6 100.0
 174 105.9 85.8 128.8





#47

Bromodichloromethane

Concen: 17.72 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

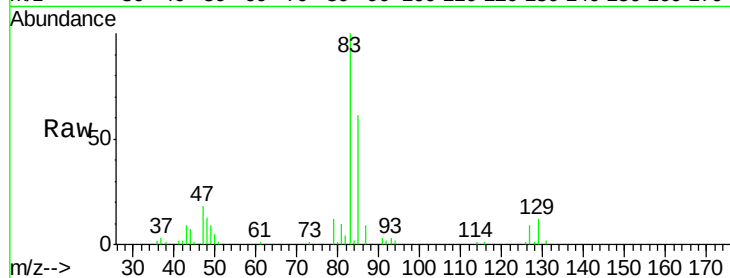
Tot Ion: 83 Resp: 32510

Ion Ratio Lower Upper

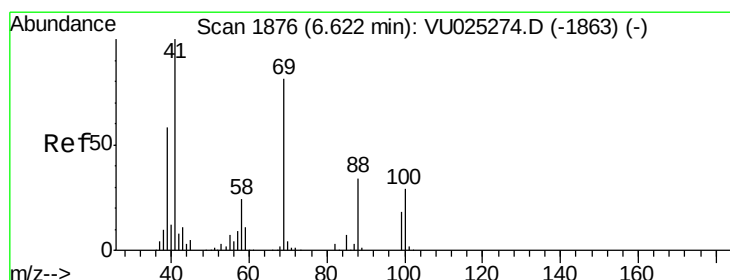
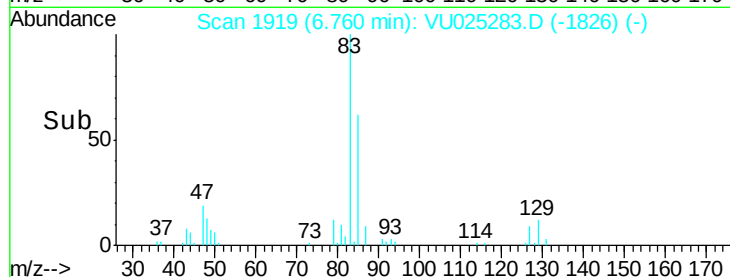
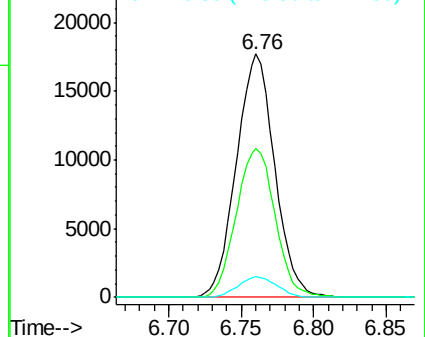
83 100

85 61.1 50.2 75.4

127 8.5 7.2 10.8



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



#48

Methyl methacrylate

Concen: 17.64 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

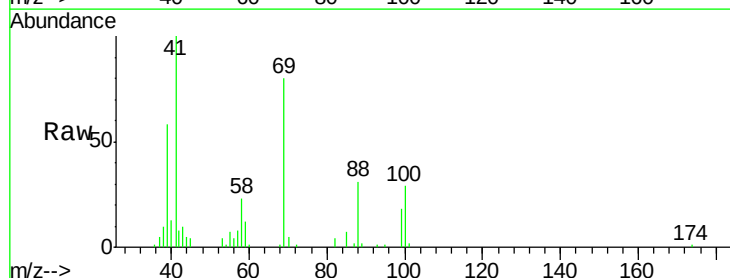
Tgt Ion: 41 Resp: 28243

Ion Ratio Lower Upper

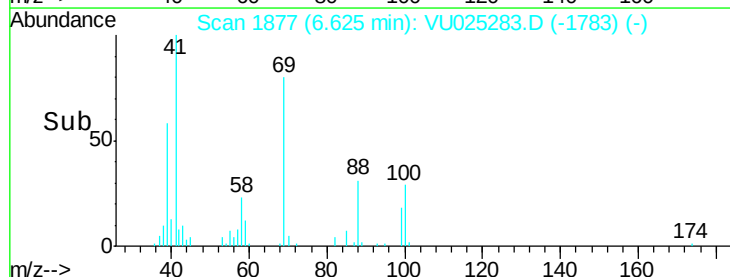
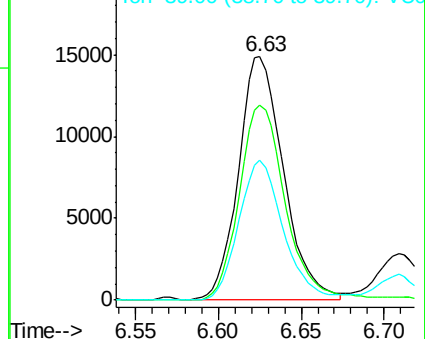
41 100

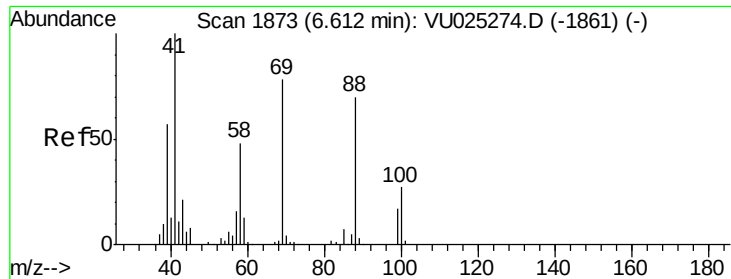
69 82.1 65.0 97.4

39 56.7 46.4 69.6



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

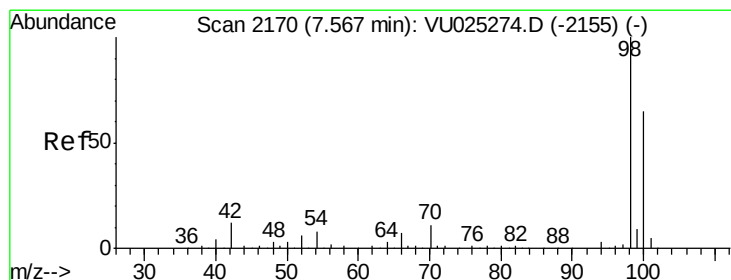
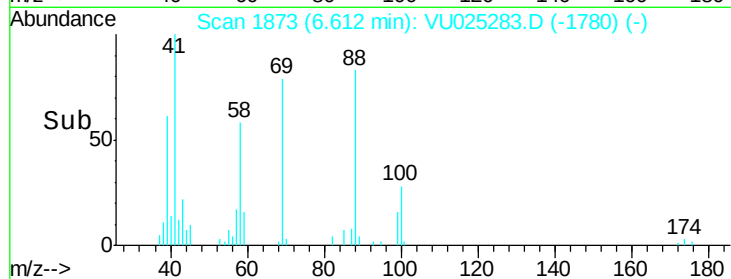
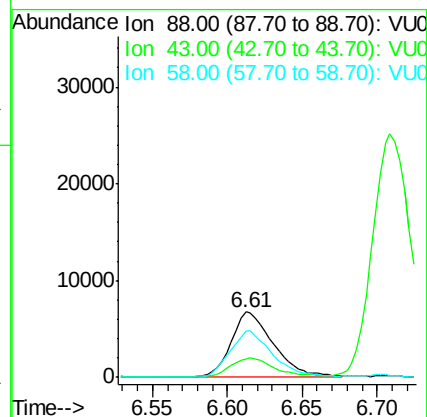
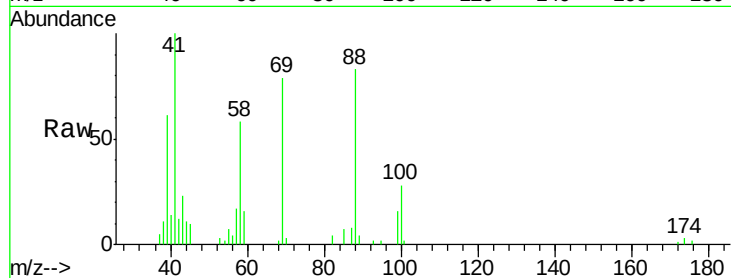




#49
1,4-Dioxane
Concen: 348.29 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

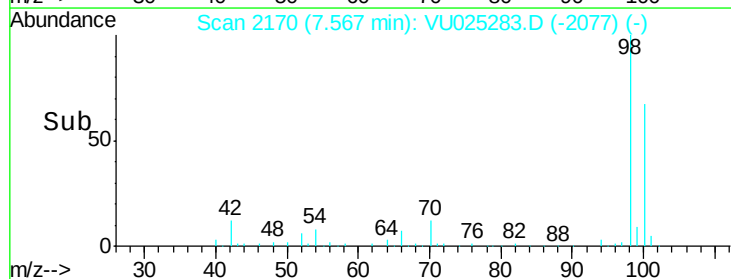
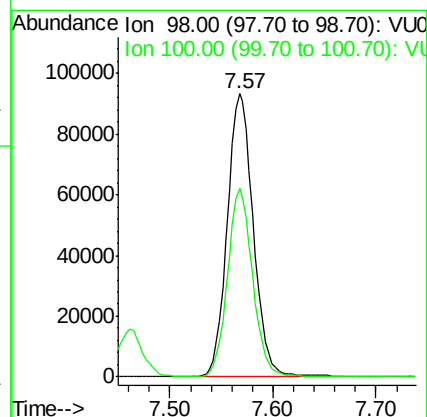
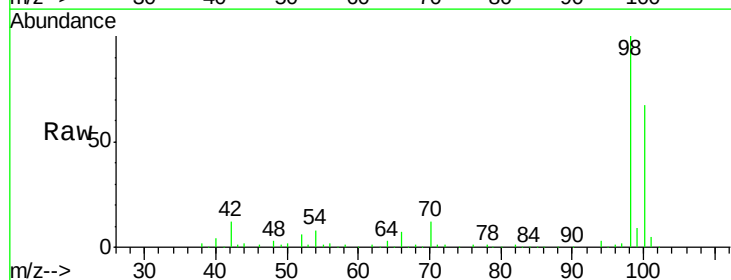
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

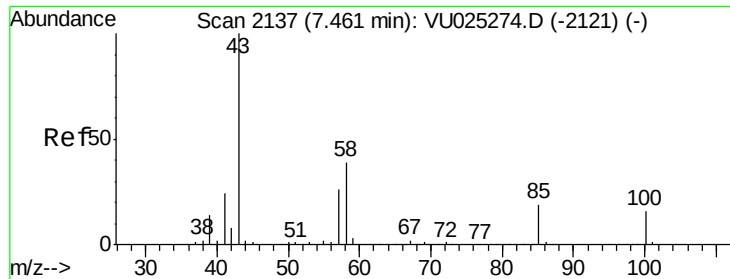
Tot Ion: 88 Resp: 13415
Ion Ratio Lower Upper
88 100
43 31.9 27.3 40.9
58 70.6 57.6 86.4



#50
Toluene-d8
Concen: 35.08 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 98 Resp: 163906
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 86.57 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

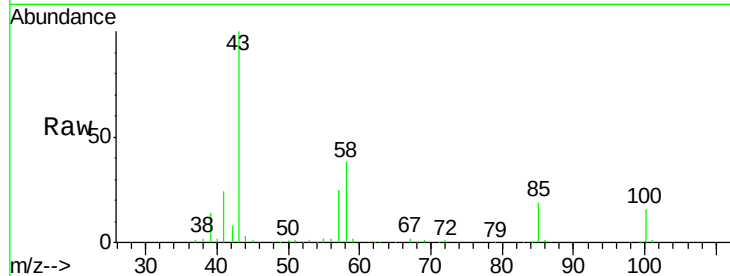
VU0710WBS01

Tot Ion: 43 Resp: 180658

Ion Ratio Lower Upper

43 100

58 37.9 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

100000

80000

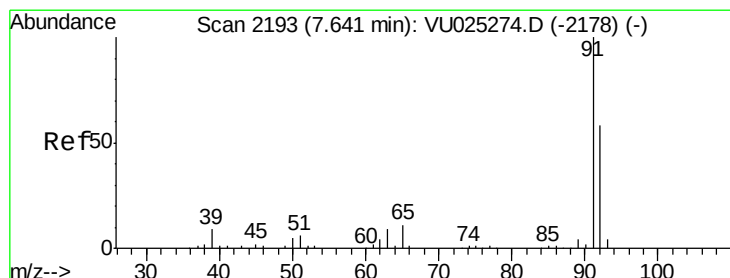
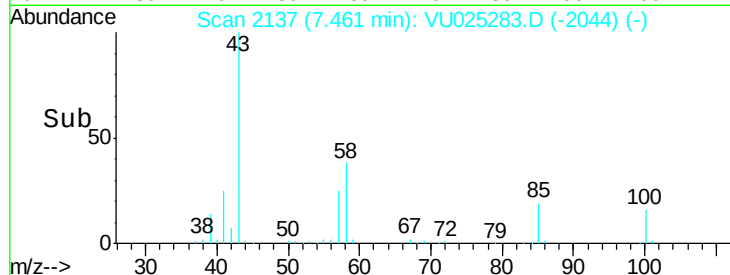
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 16.66 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025283.D

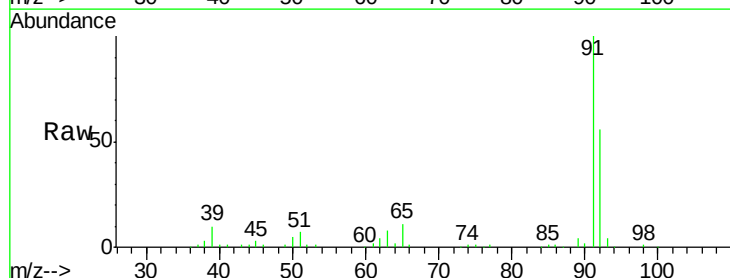
Acq: 10 Jul 2018 12:43

Tgt Ion: 92 Resp: 54926

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

60000

50000

40000

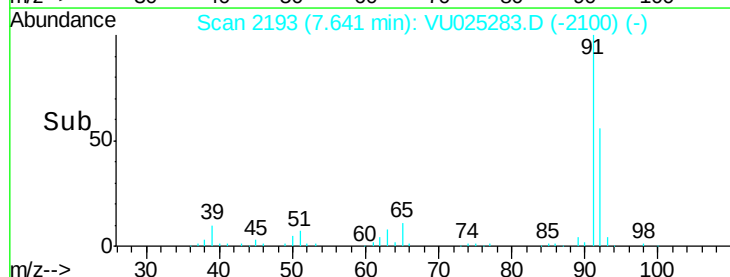
30000

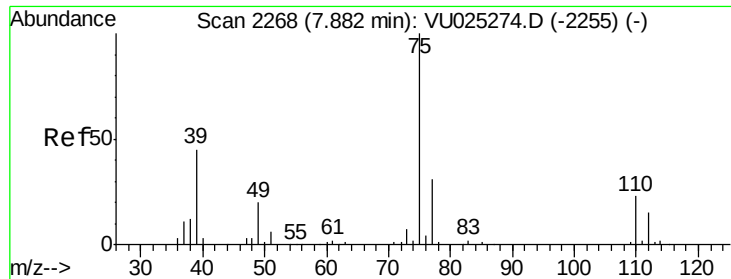
20000

10000

0

Time-->

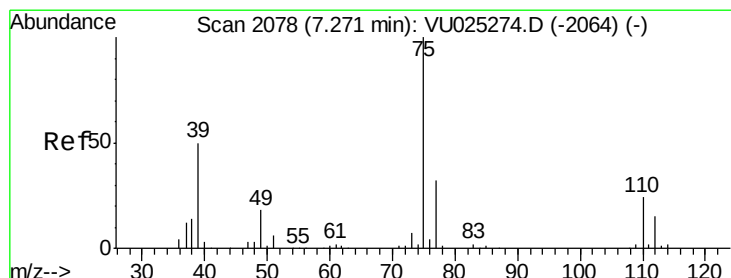
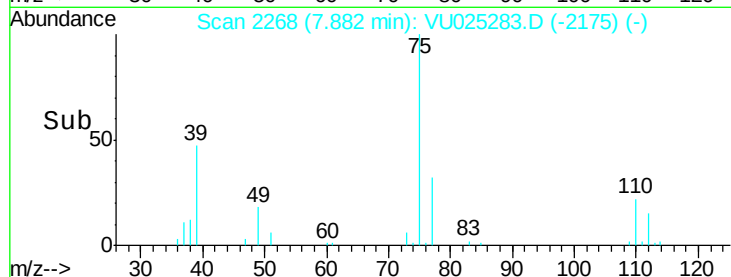
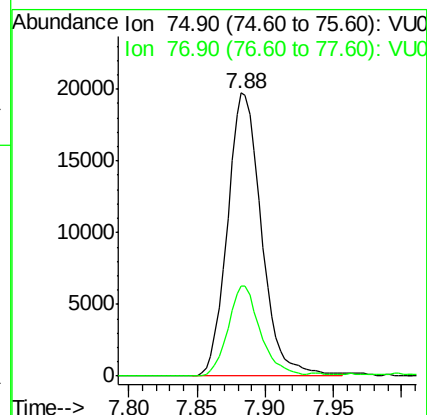
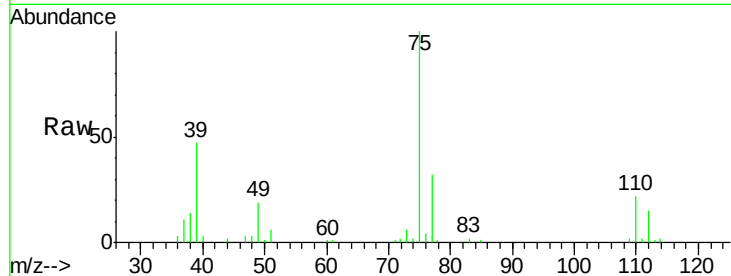




#53
 t-1,3-Dichloropropene
 Concen: 17.00 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

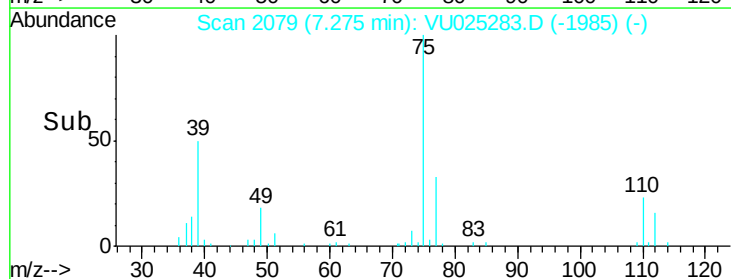
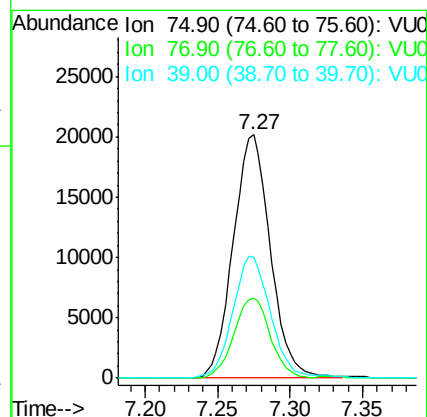
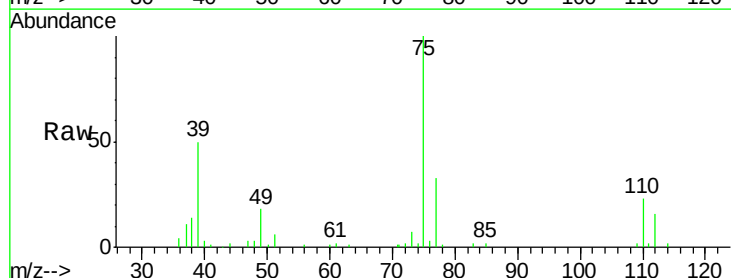
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

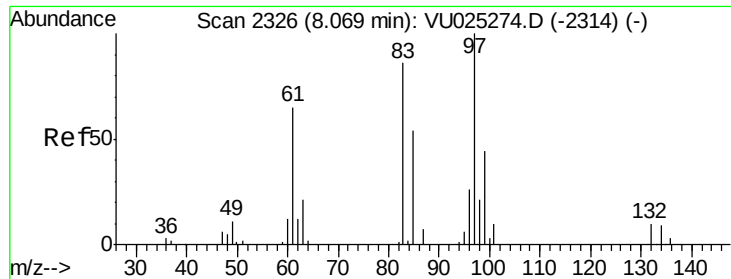
Tot Ion: 75 Resp: 34269
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 16.75 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 75 Resp: 35935
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4
 39 49.5 40.0 60.0

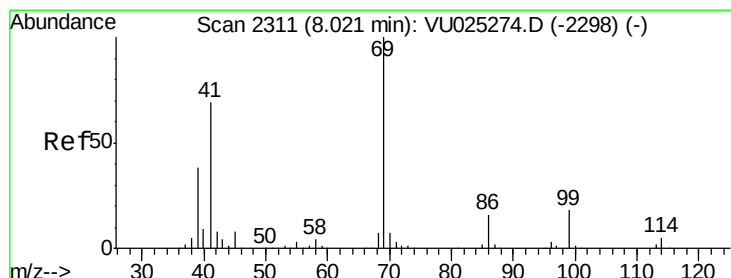
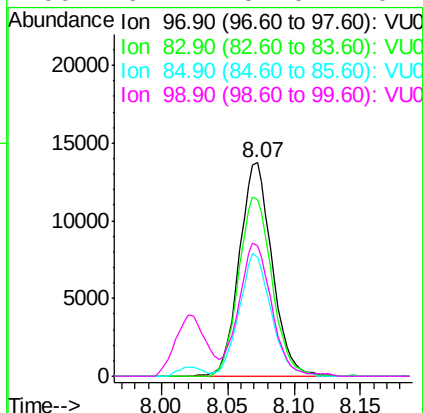
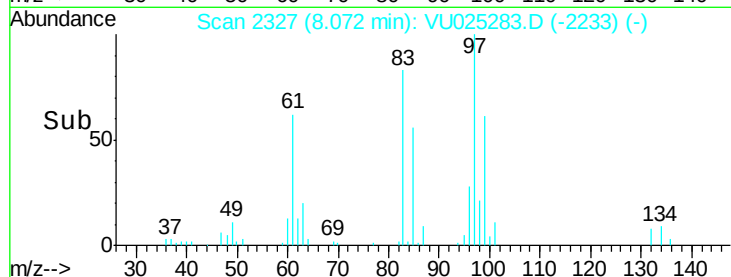
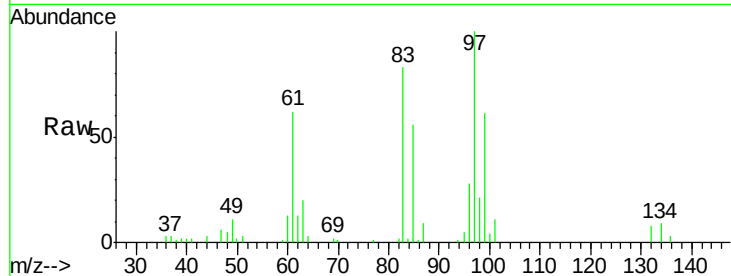




#55
1,1,2-Trichloroethane
Concen: 17.18 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

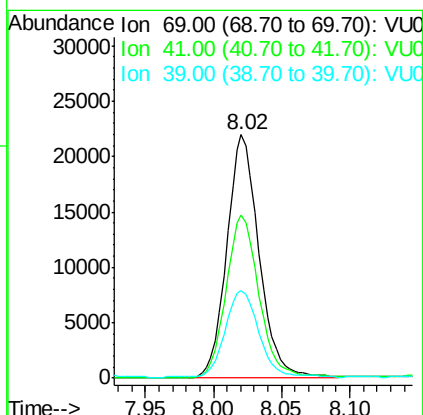
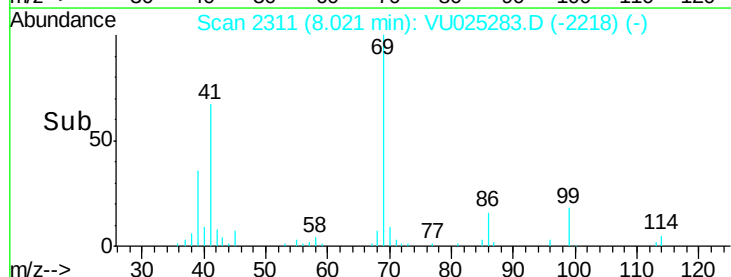
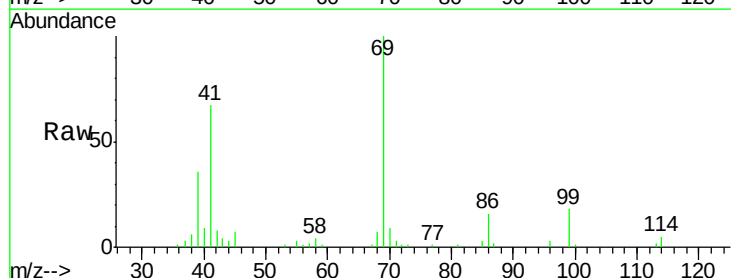
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

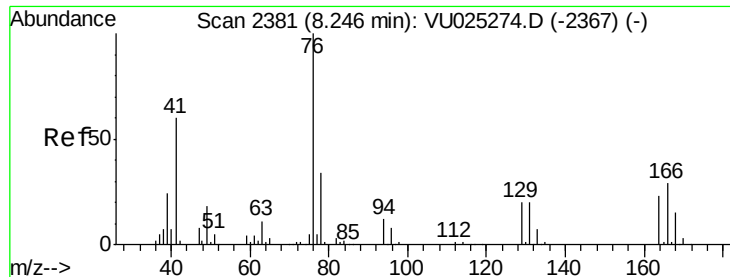
Tot Ion:	97	Resp:	23589
Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.9	103.3
85	55.9	44.4	66.6
99	61.2	51.0	76.4



#56
Ethyl methacrylate
Concen: 16.86 ug/l
RT: 8.02 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion:	69	Resp:	36158
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.8	82.2
39	38.1	31.1	46.7

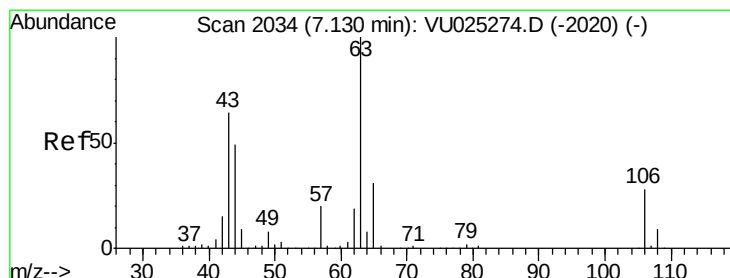
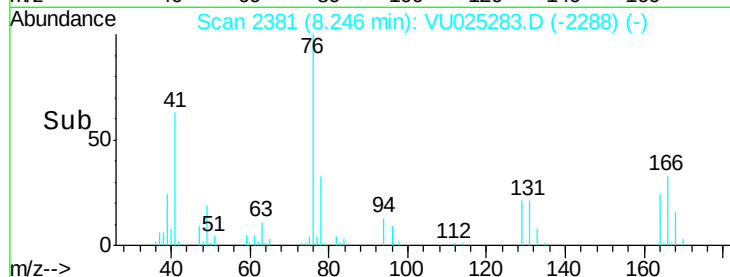
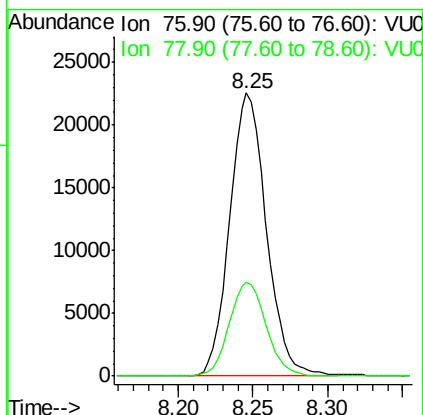
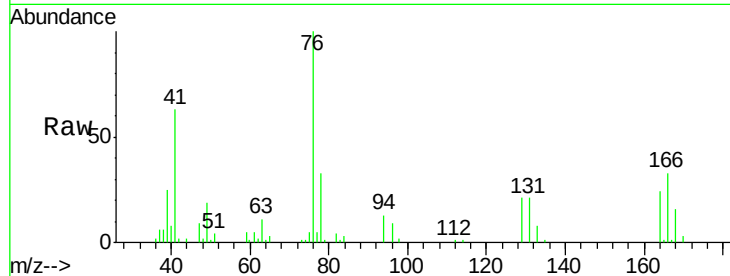




#57
 1,3-Dichloropropane
 Concen: 16.90 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

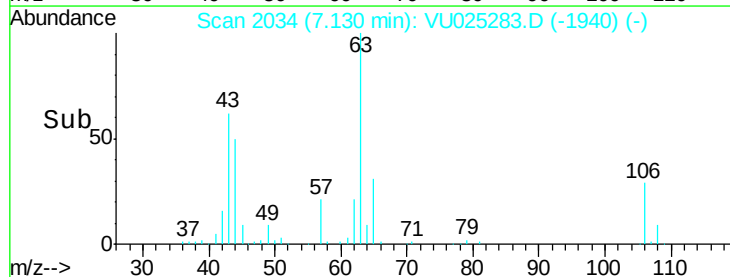
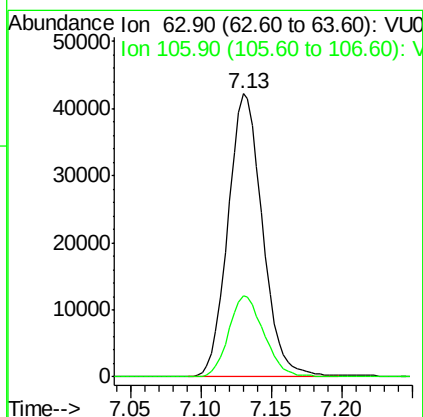
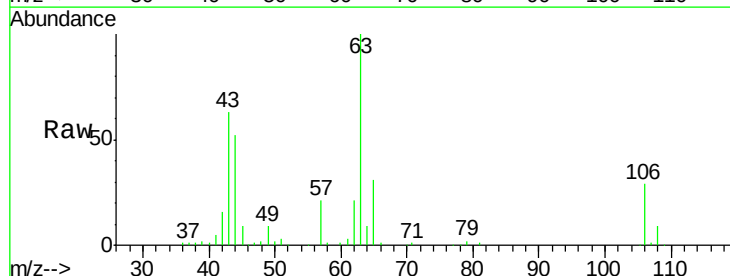
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

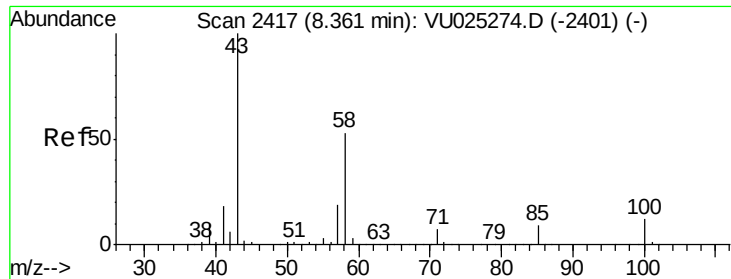
Tot Ion: 76 Resp: 38506
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.50 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 63 Resp: 72430
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.3 33.5

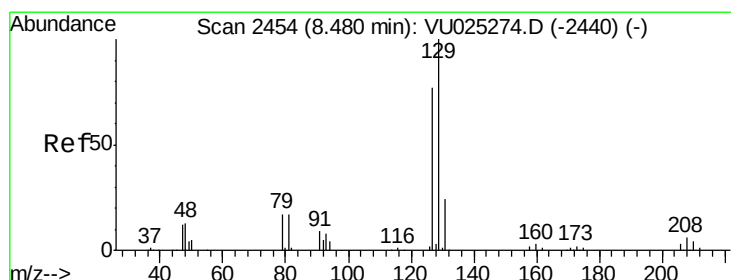
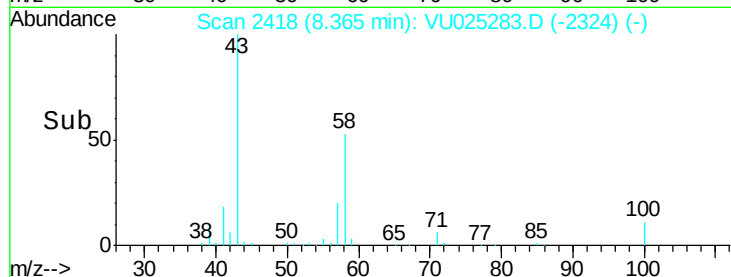
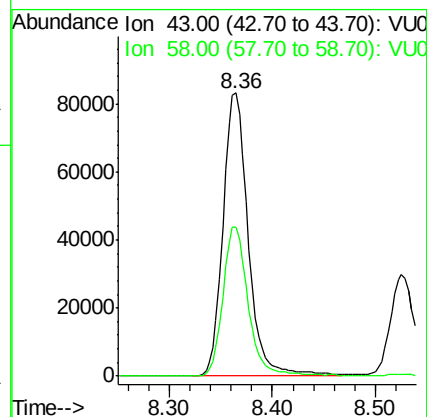
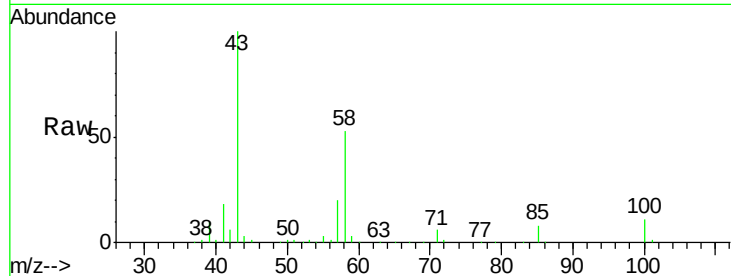




#59
2-Hexanone
Concen: 83.90 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

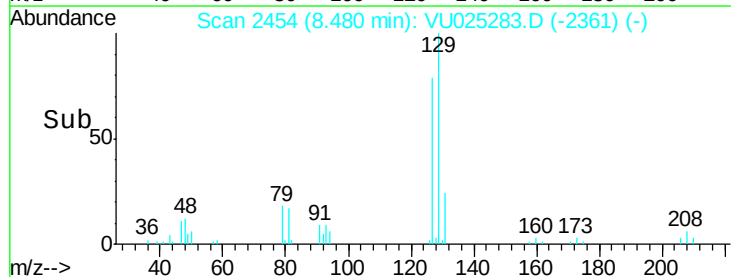
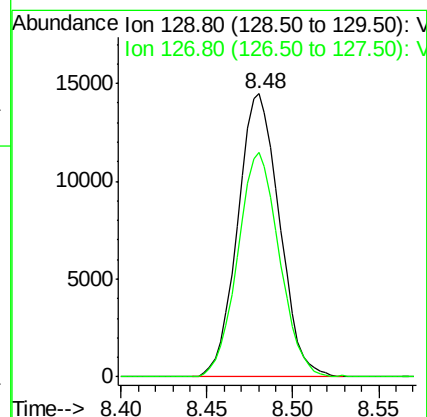
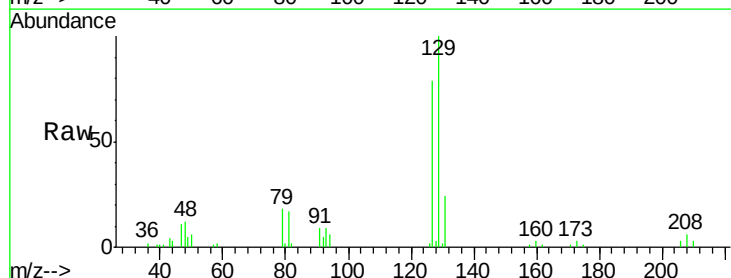
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

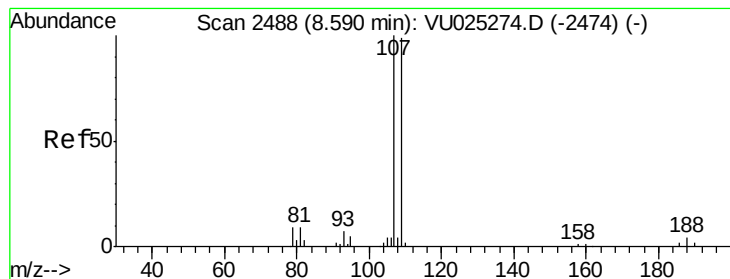
Tot Ion: 43 Resp: 142032
Ion Ratio Lower Upper
43 100
58 52.6 26.2 78.5



#60
Dibromochloromethane
Concen: 16.51 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 129 Resp: 24485
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 17.18 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

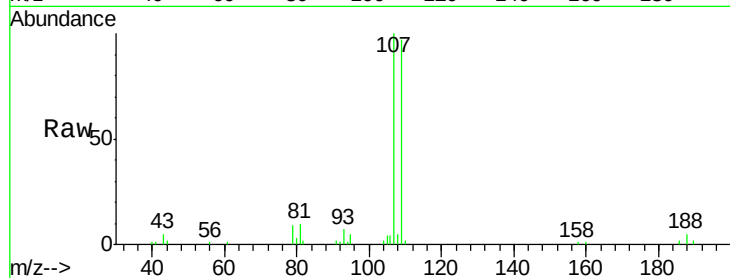
VU0710WBS01

Tot Ion:107 Resp: 25231

Ion Ratio Lower Upper

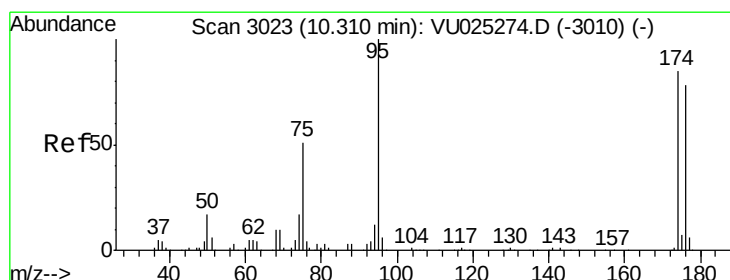
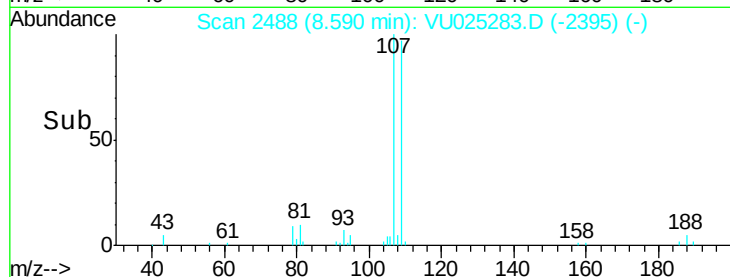
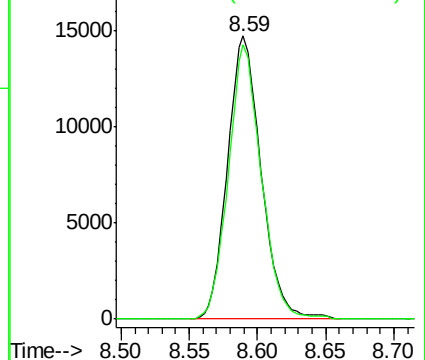
107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 34.00 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

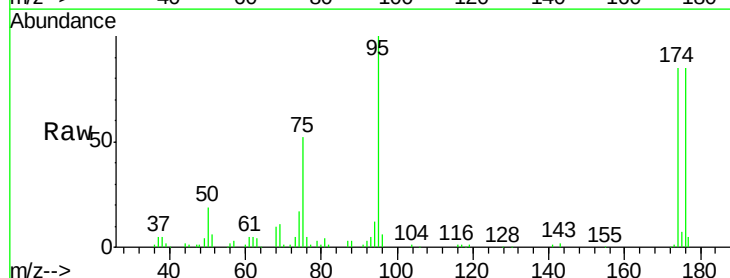
Tgt Ion: 95 Resp: 63957

Ion Ratio Lower Upper

95 100

174 85.8 0.0 172.2

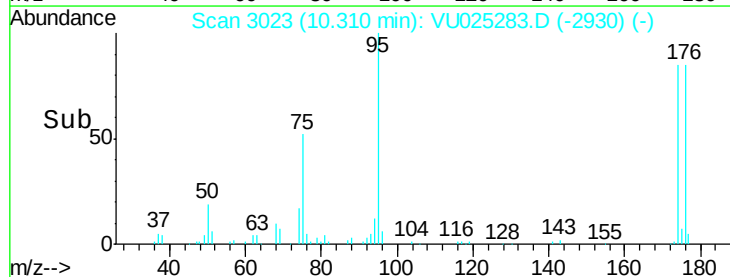
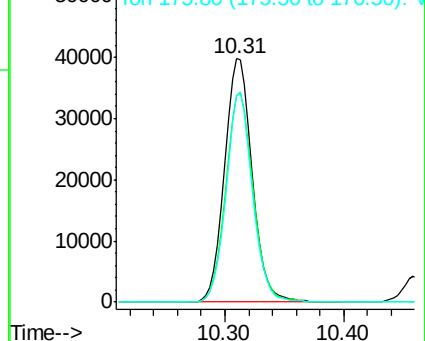
176 82.2 0.0 162.6

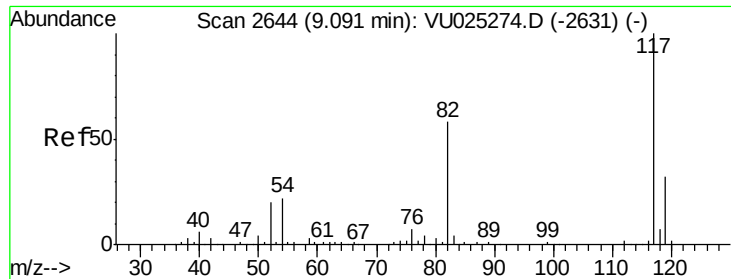


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

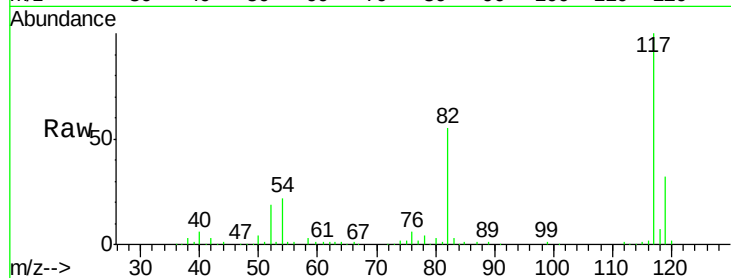




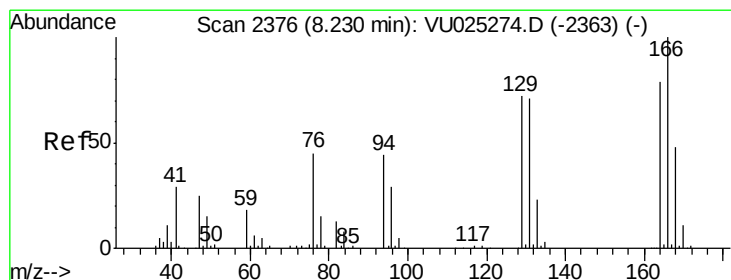
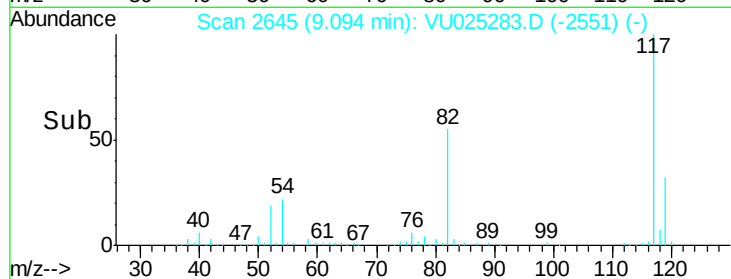
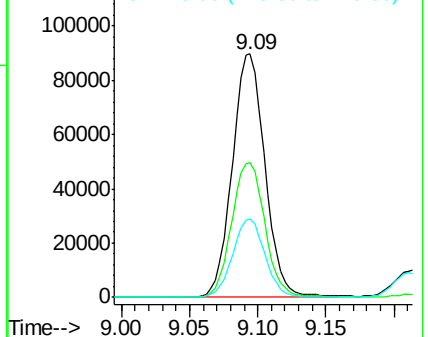
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion:117 Resp: 149061
Ion Ratio Lower Upper
117 100
82 55.4 46.0 69.0
119 32.4 26.0 39.0



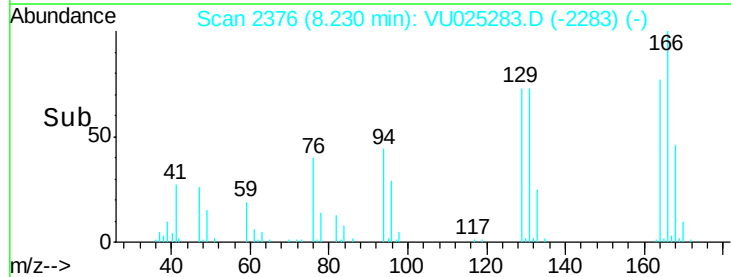
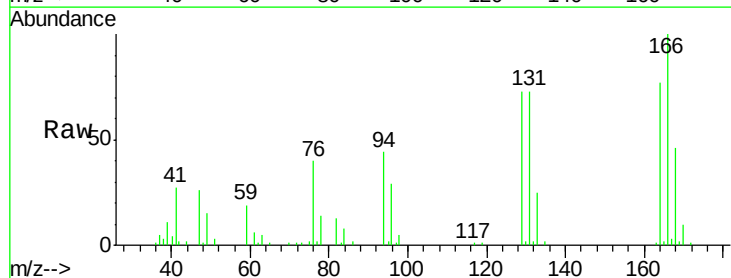
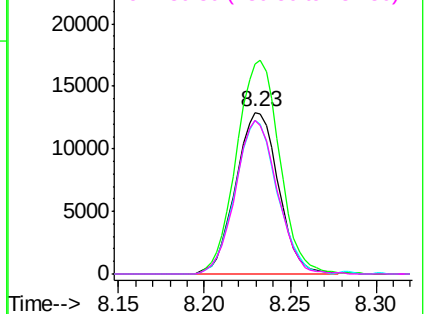
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

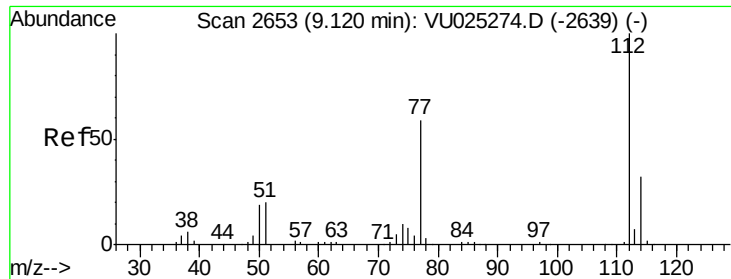


#64
Tetrachloroethene
Concen: 16.38 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion:164 Resp: 22260
Ion Ratio Lower Upper
164 100
166 130.3 101.1 151.7
129 95.4 73.0 109.6
131 94.9 72.1 108.1

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

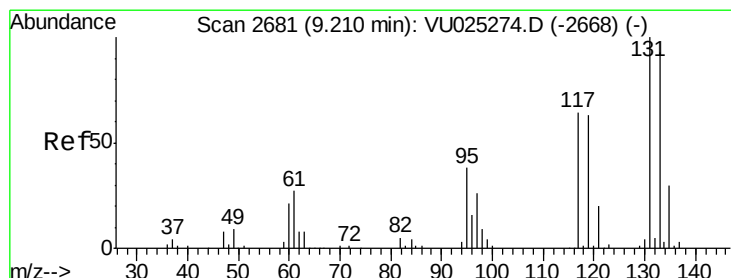
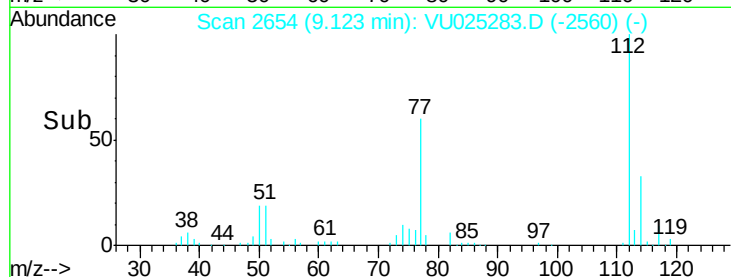
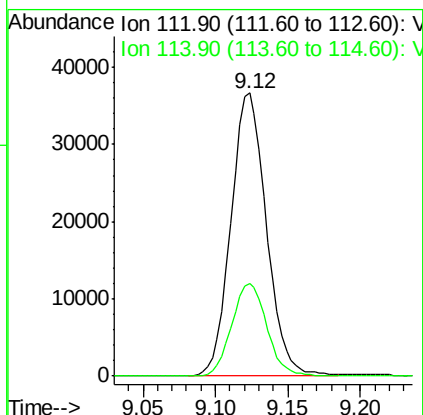
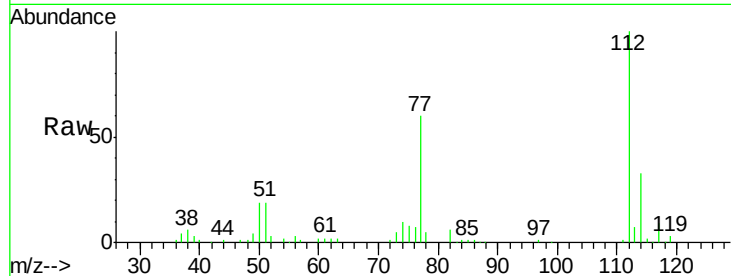




#65
Chlorobenzene
Concen: 16.76 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

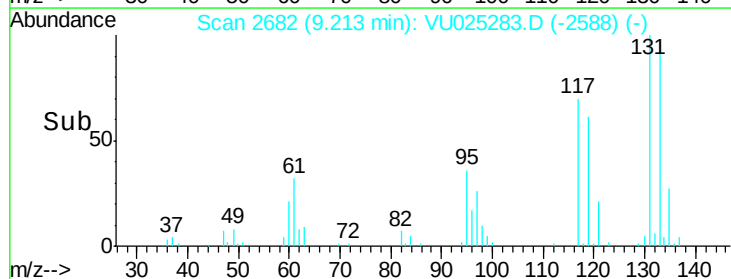
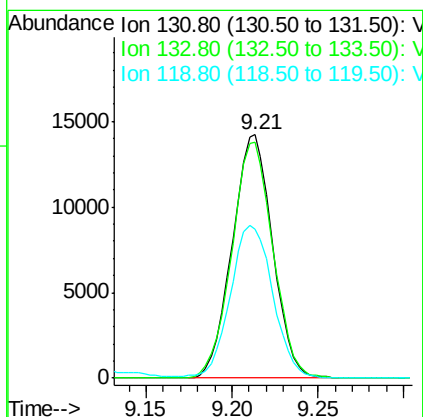
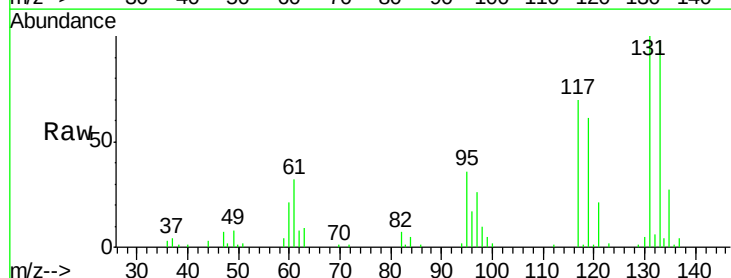
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

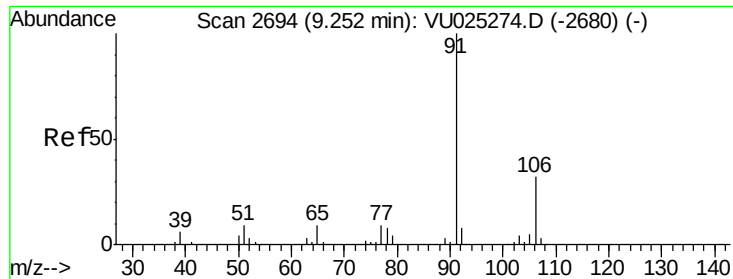
Tot Ion:112 Resp: 62424
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.39 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion:131 Resp: 23167
Ion Ratio Lower Upper
131 100
133 98.8 47.8 143.3
119 66.1 31.6 95.0

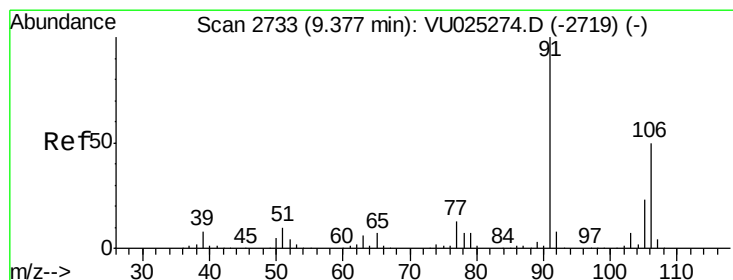
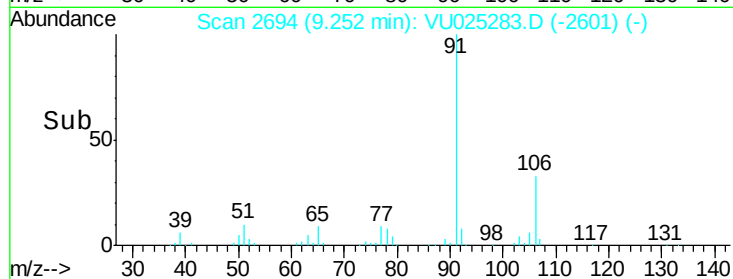
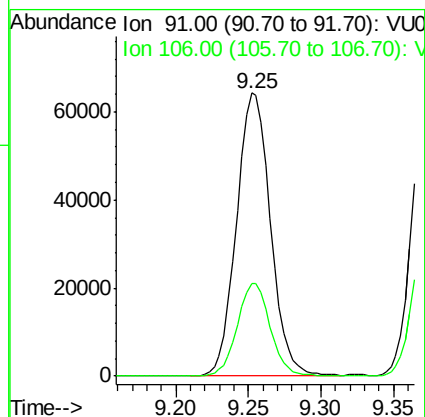
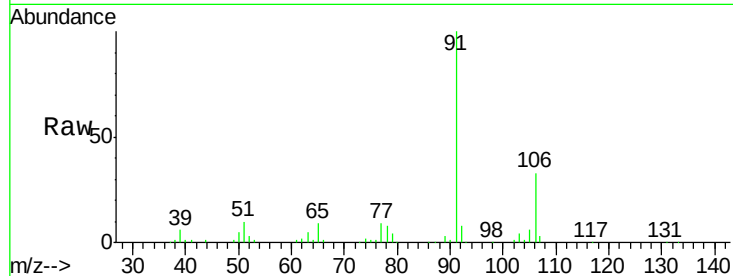




#67
Ethyl Benzene
Concen: 16.50 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

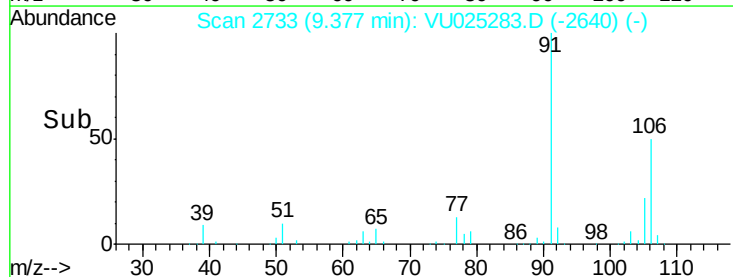
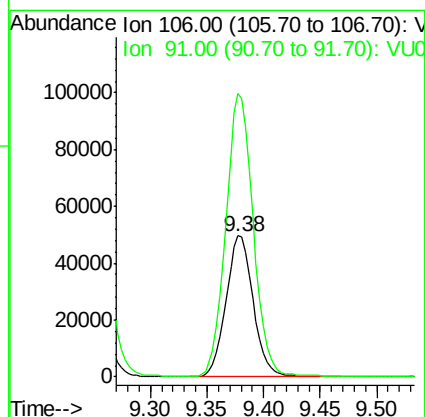
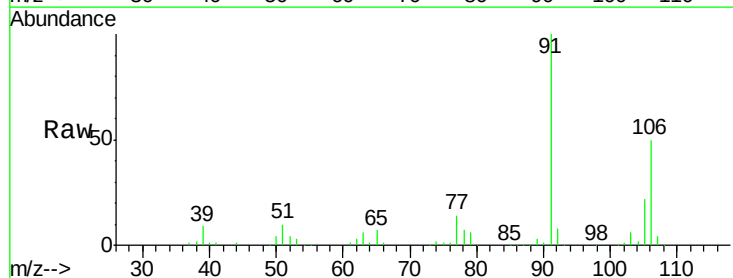
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

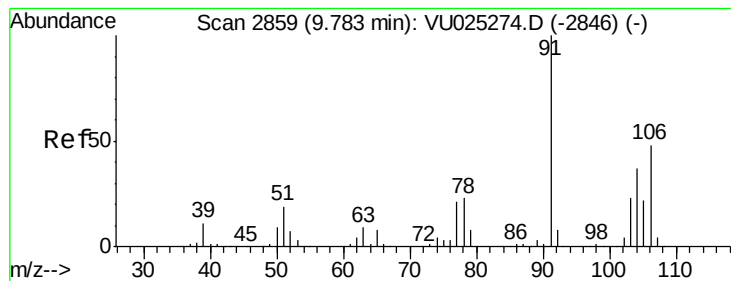
Tot Ion: 91 Resp: 104762
Ion Ratio Lower Upper
91 100
106 32.6 25.3 37.9



#68
m/p-Xylenes
Concen: 33.83 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 106 Resp: 83019
Ion Ratio Lower Upper
106 100
91 201.4 162.3 243.5





#69

o-Xylene

Concen: 16.68 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

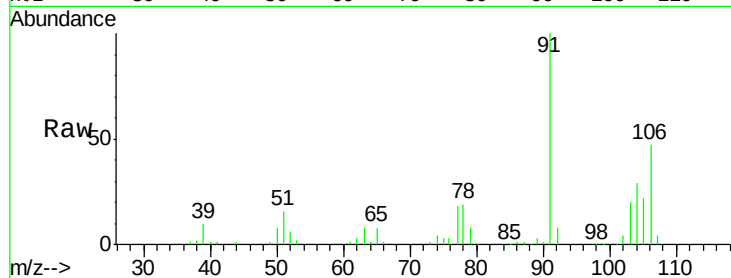
VU0710WBS01

Tot Ion:106 Resp: 40983

Ion Ratio Lower Upper

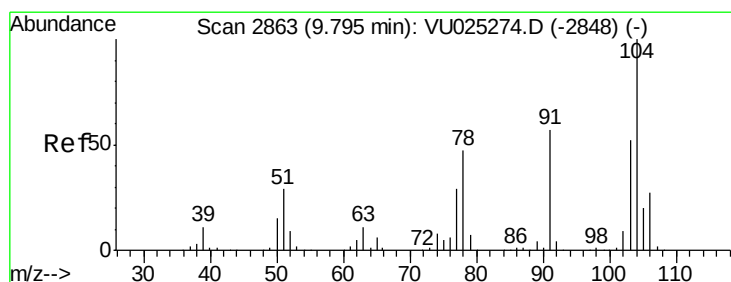
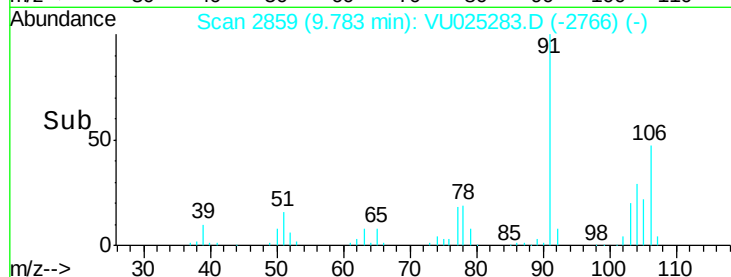
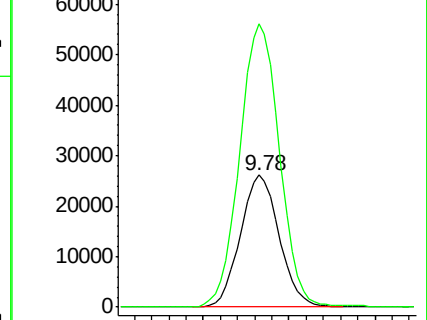
106 100

91 219.6 105.3 315.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#70

Styrene

Concen: 16.24 ug/l

RT: 9.80 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

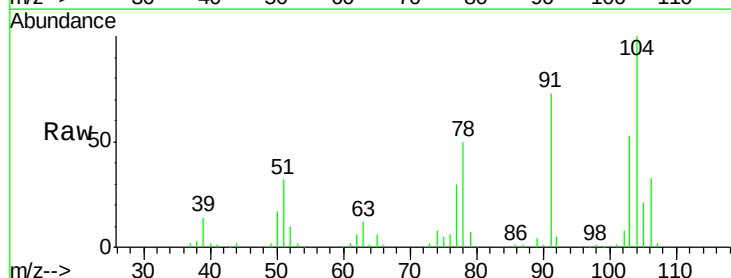
Tgt Ion:104 Resp: 63404

Ion Ratio Lower Upper

104 100

78 53.9 41.6 62.4

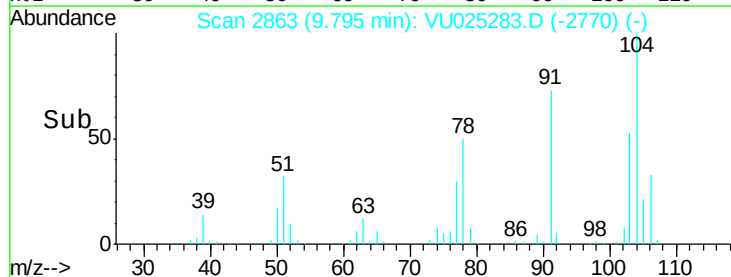
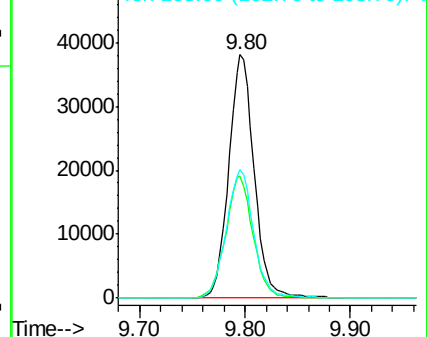
103 56.9 44.6 66.8

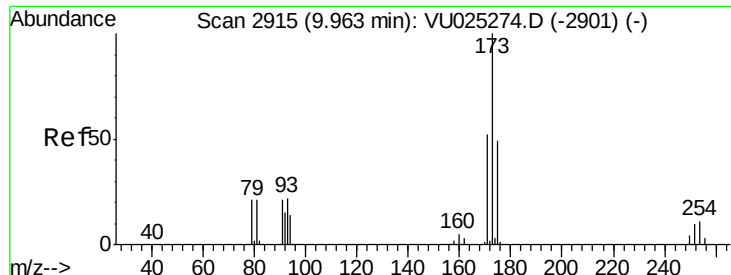


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.65 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

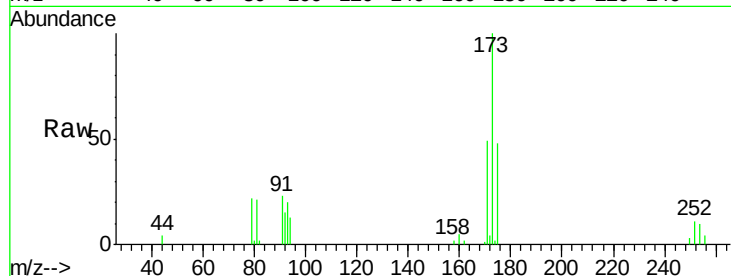
Tot Ion:173 Resp: 18518

Ion Ratio Lower Upper

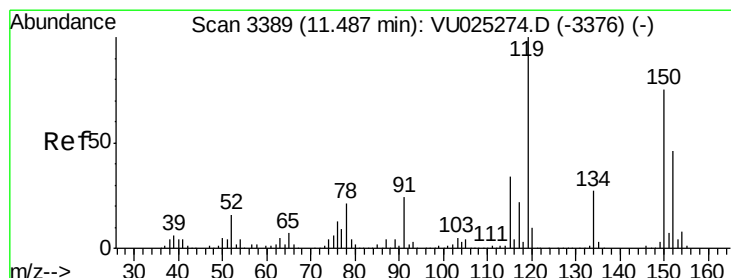
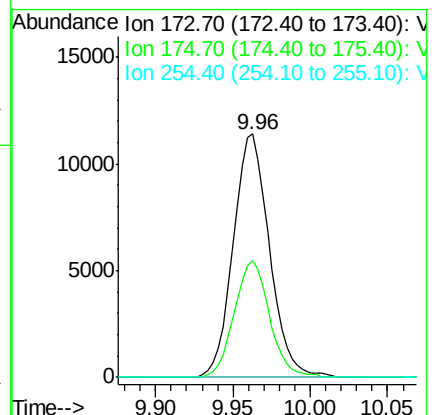
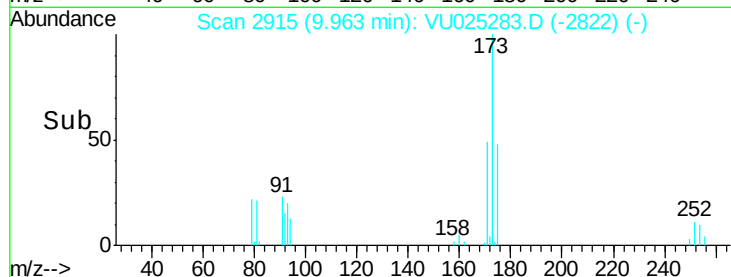
173 100

175 46.5 24.0 72.0

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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

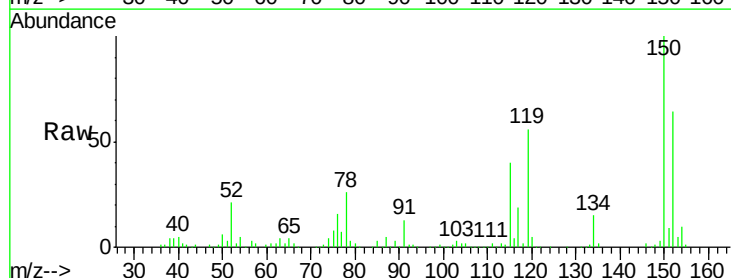
Tgt Ion:152 Resp: 82567

Ion Ratio Lower Upper

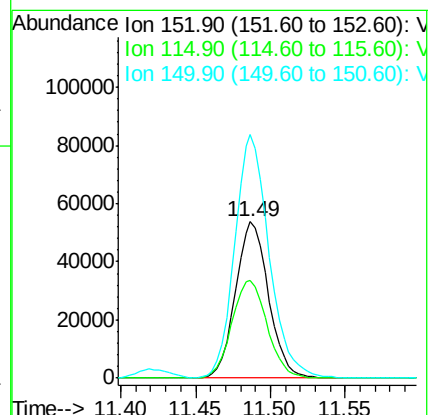
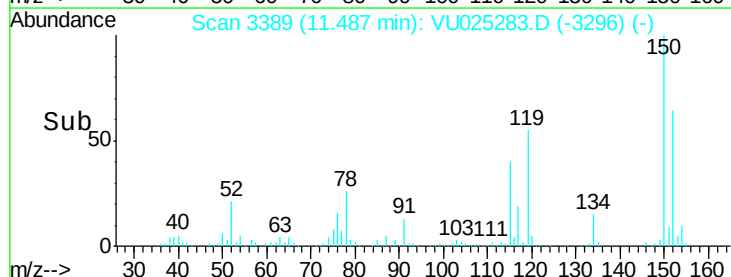
152 100

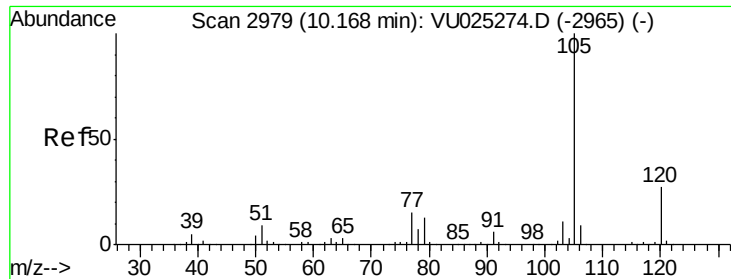
115 67.1 40.1 120.3

150 162.3 0.0 351.4



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





#73

Isopropylbenzene

Concen: 17.26 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

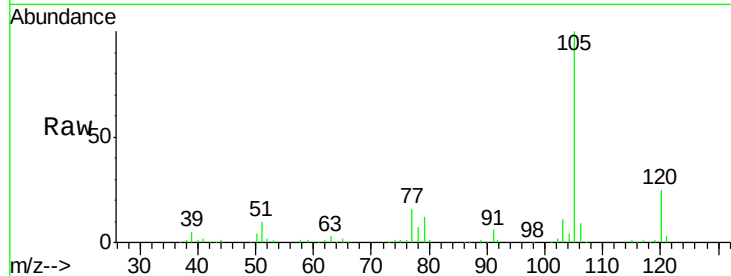
VU0710WBS01

Tot Ion:105 Resp: 108908

Ion Ratio Lower Upper

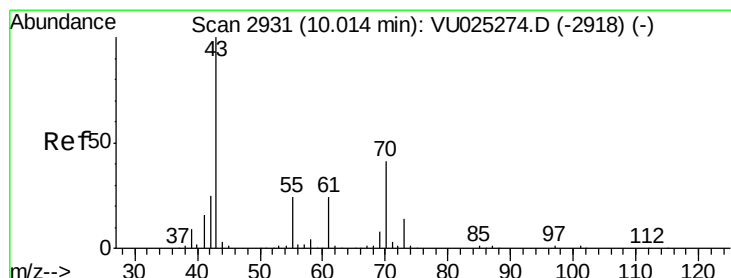
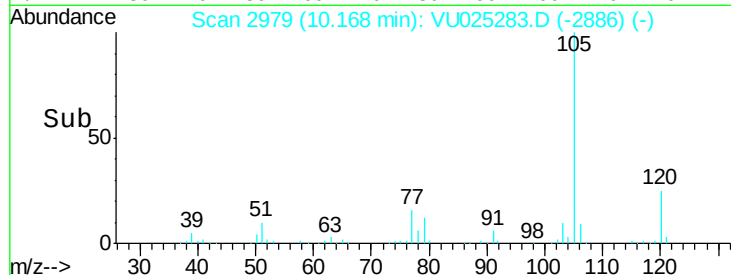
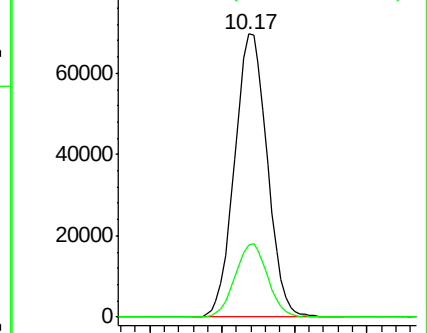
105 100

120 25.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.04 ug/l

RT: 10.02 min Scan# 2932

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Tgt Ion: 43 Resp: 44423

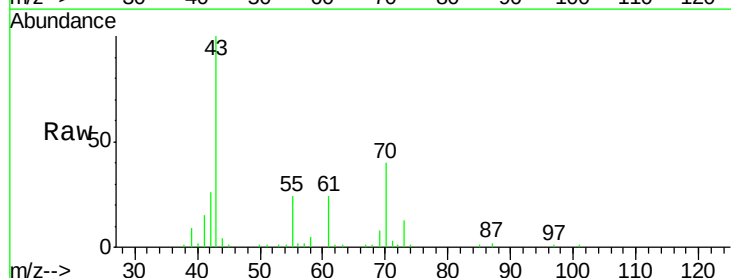
Ion Ratio Lower Upper

43 100

70 40.1 33.4 50.2

55 24.1 19.0 28.6

61 24.1 19.3 28.9

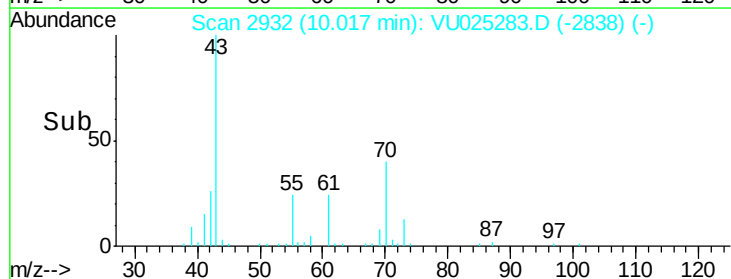
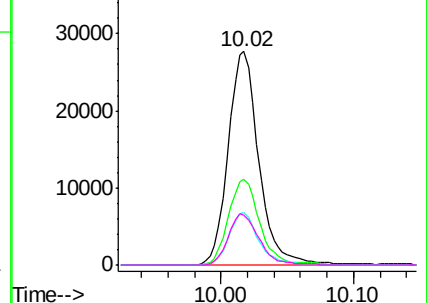


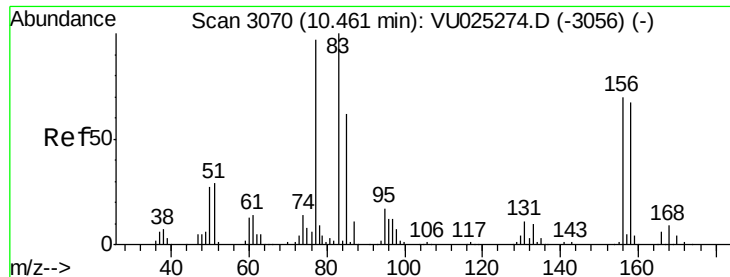
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.21 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

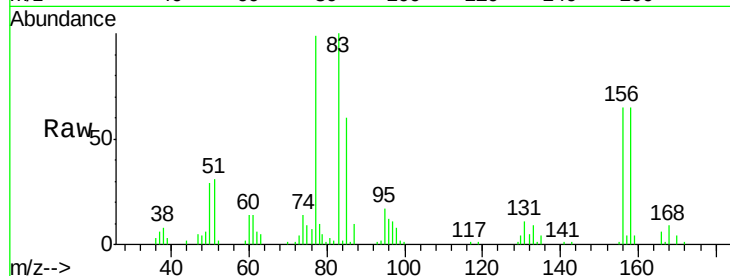
Tot Ion: 83 Resp: 37591

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

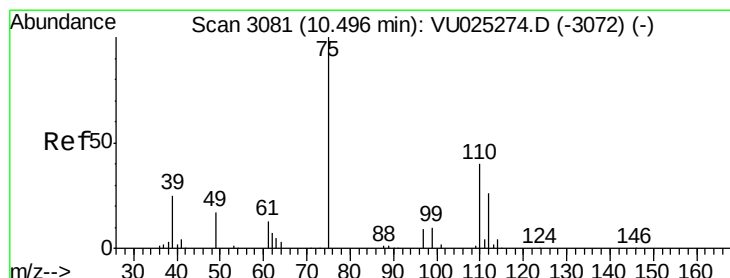
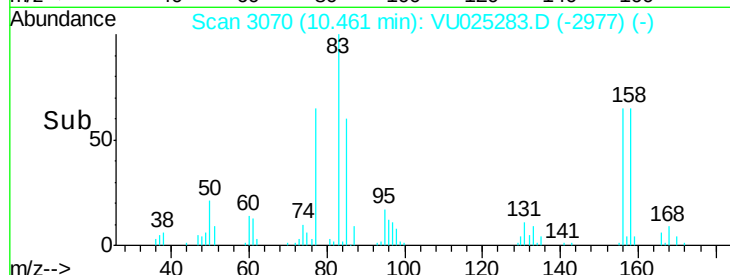
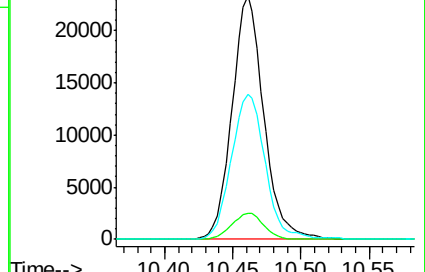
85 63.5 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 26.27 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025283.D

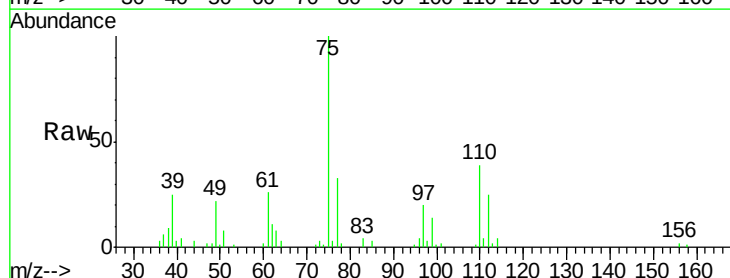
Acq: 10 Jul 2018 12:43

Tgt Ion: 75 Resp: 44047

Ion Ratio Lower Upper

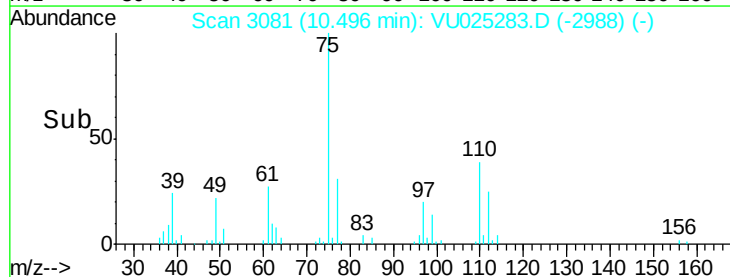
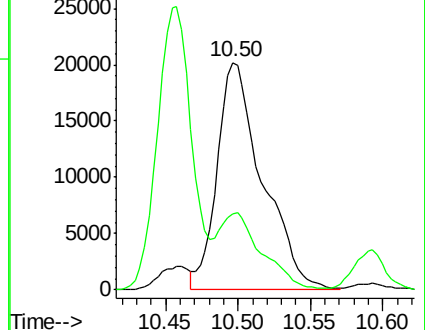
75 100

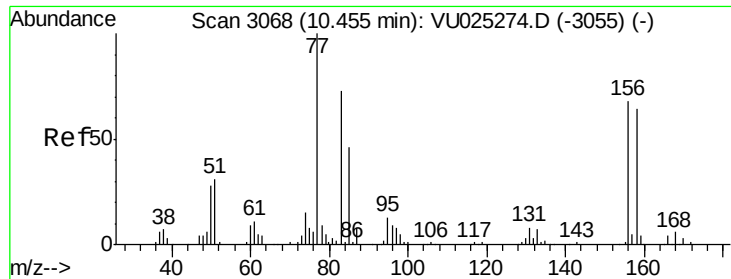
77 31.1 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 17.27 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

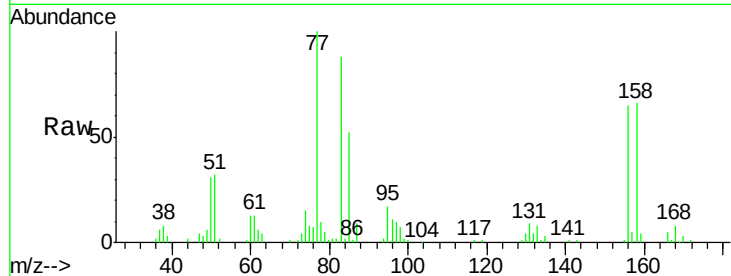
Tot Ion:156 Resp: 27869

Ion Ratio Lower Upper

156 100

77 148.6 73.8 221.4

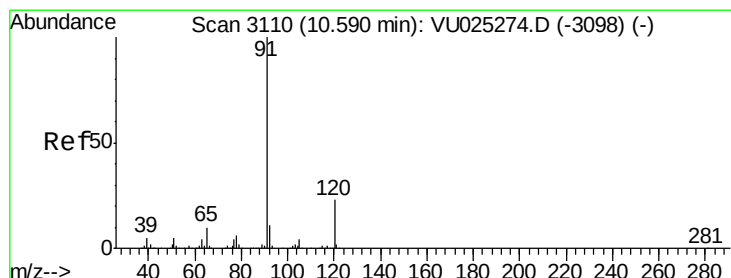
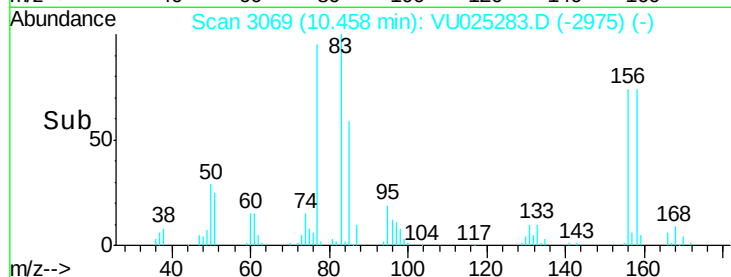
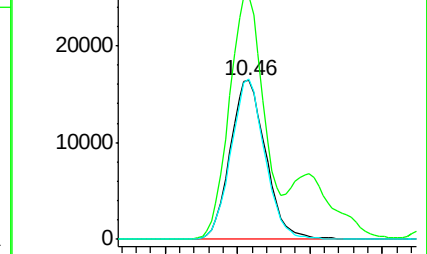
158 95.9 48.0 144.0



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: 16.69 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025283.D

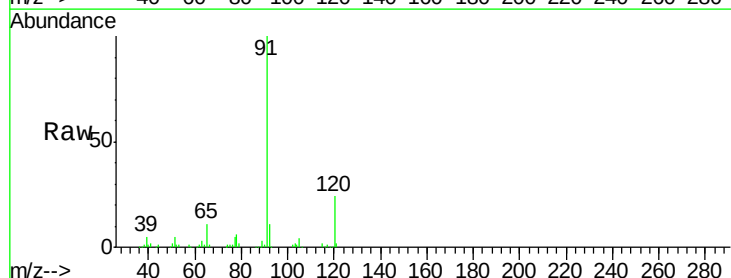
Acq: 10 Jul 2018 12:43

Tgt Ion: 91 Resp: 116838

Ion Ratio Lower Upper

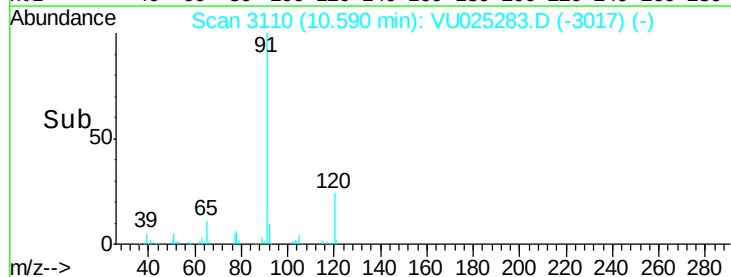
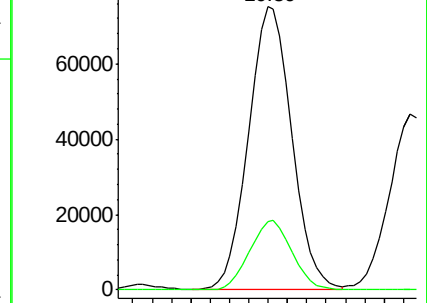
91 100

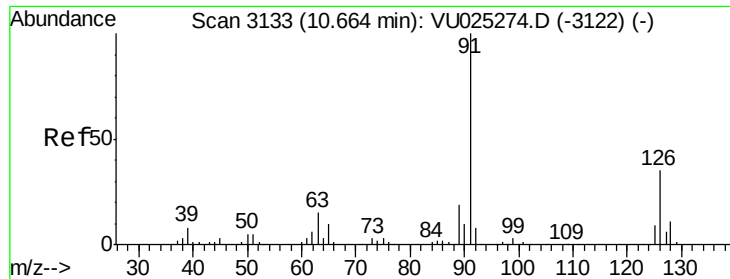
120 24.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.69 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

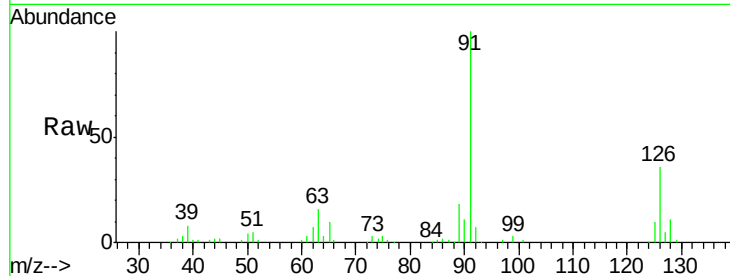
VU0710WBS01

Tot Ion: 91 Resp: 74775

Ion Ratio Lower Upper

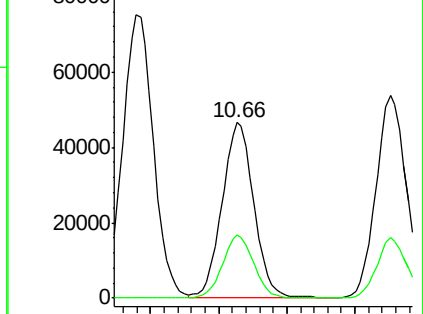
91 100

126 35.5 17.5 52.6

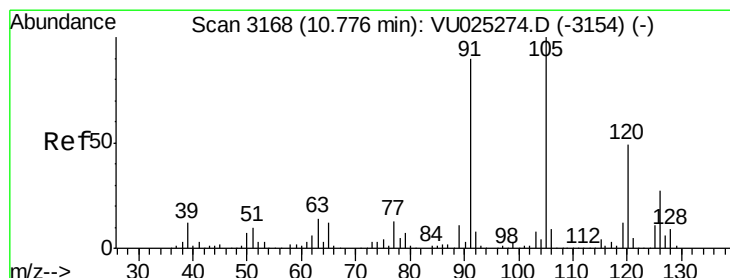
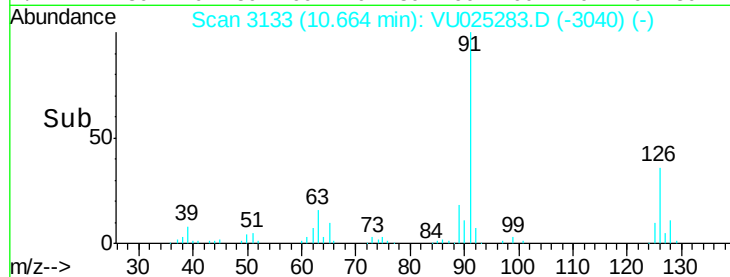


Abundance Ion 91.00 (90.70 to 91.70): VU025274.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU025274.D (-3122) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 16.99 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025283.D

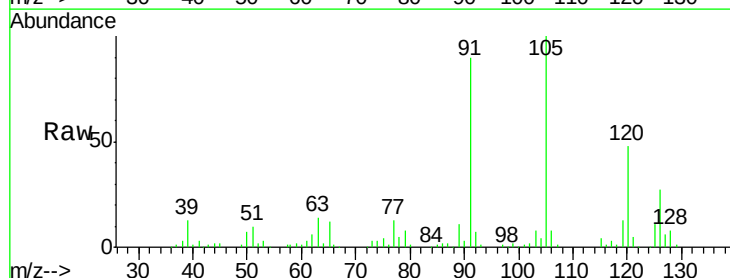
Acq: 10 Jul 2018 12:43

Tgt Ion: 105 Resp: 90209

Ion Ratio Lower Upper

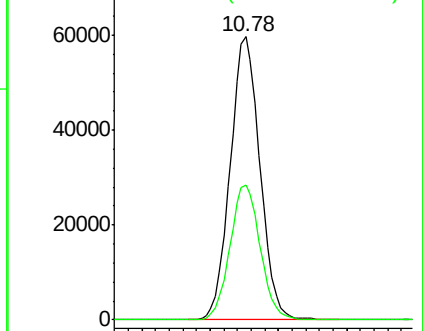
105 100

120 48.3 24.1 72.2

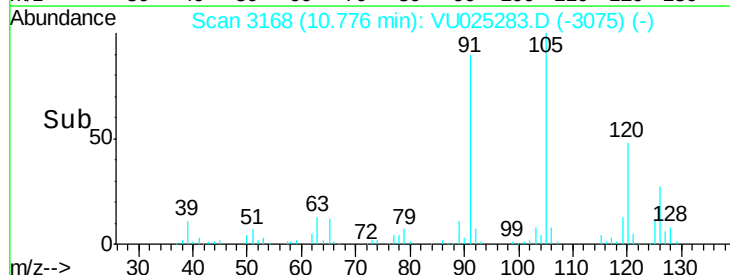


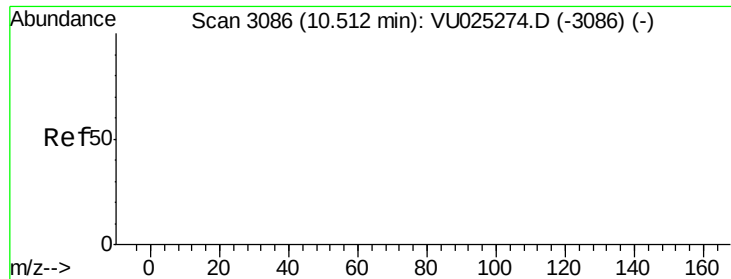
Abundance Ion 105.00 (104.70 to 105.70): VU025274.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU025274.D (-3154) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 66.96 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

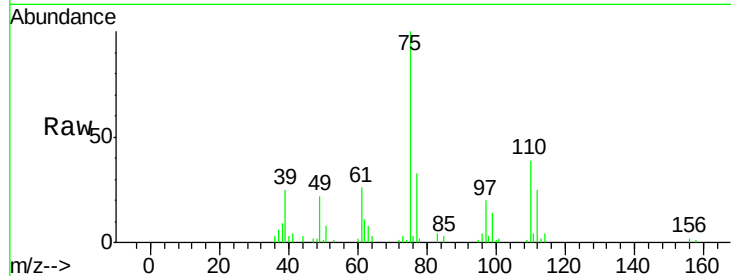
Tot Ion: 75 Resp: 44047

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

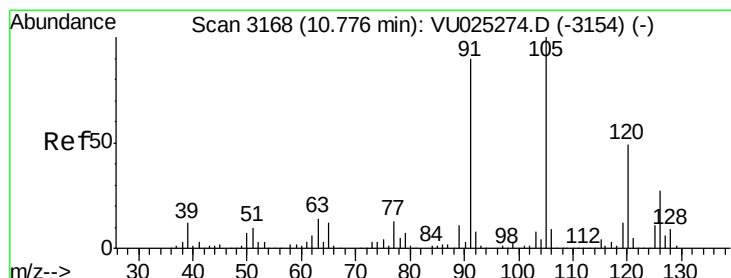
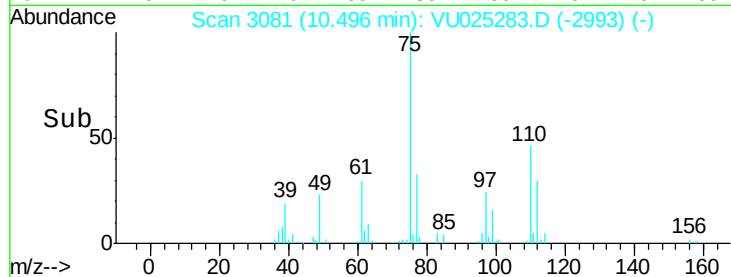
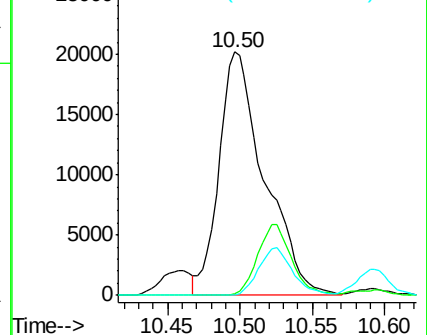
89 0.0 0.0 0.0



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: 16.89 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025283.D

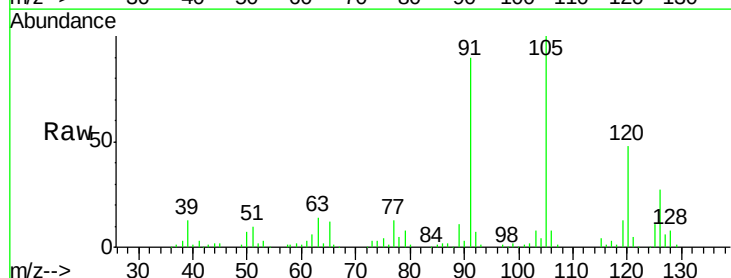
Acq: 10 Jul 2018 12:43

Tgt Ion: 91 Resp: 83732

Ion Ratio Lower Upper

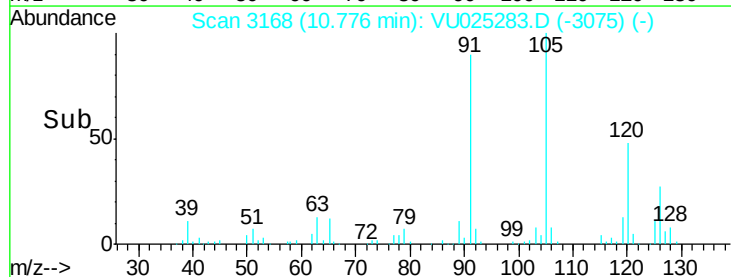
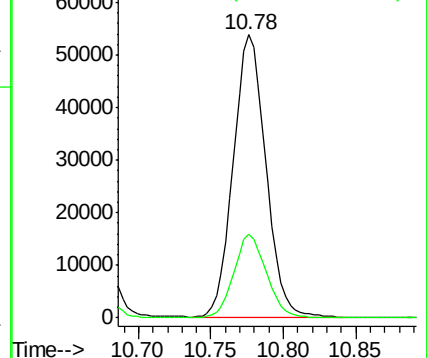
91 100

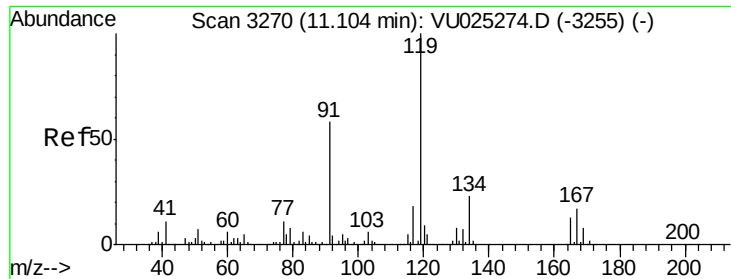
126 29.6 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

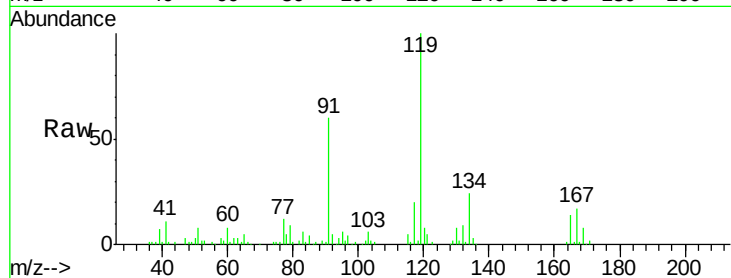




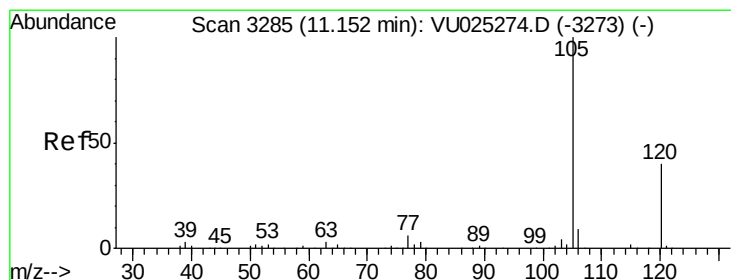
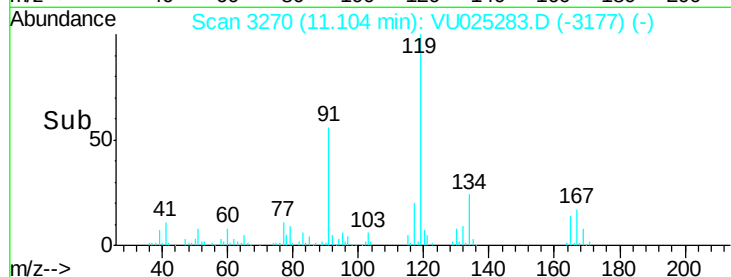
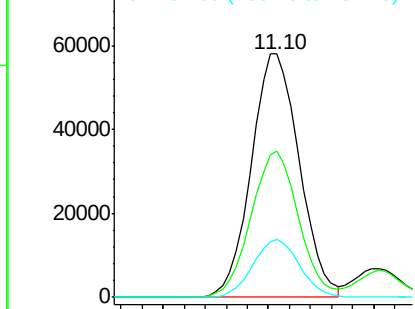
#83
 tert-Butylbenzene
 Concen: 17.14 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.7	89.1
134	23.0	11.5	34.5

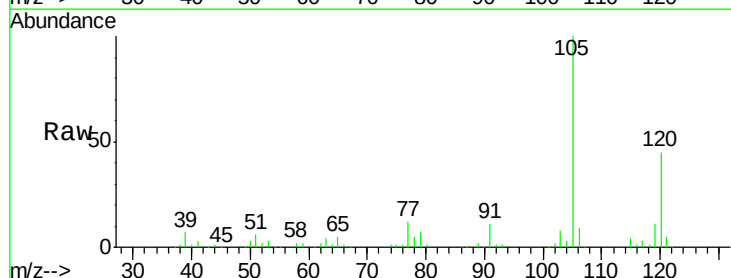


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

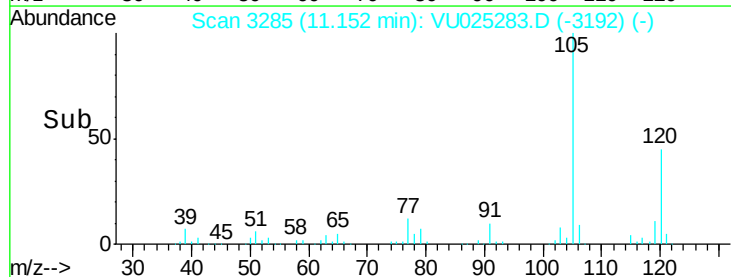
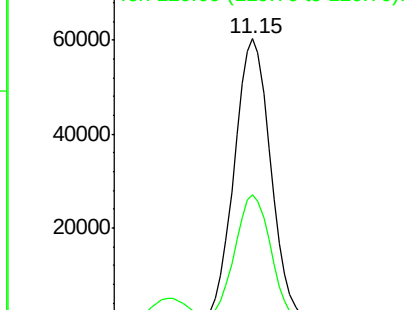


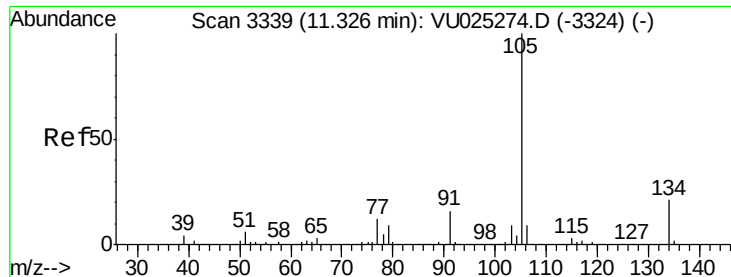
#84
 1,2,4-Trimethylbenzene
 Concen: 16.97 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8



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

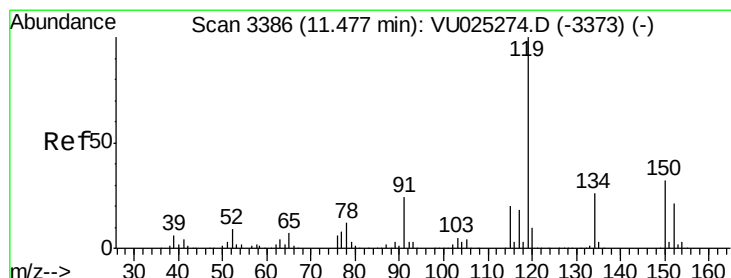
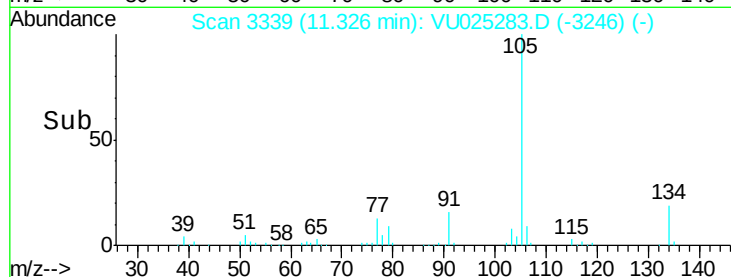
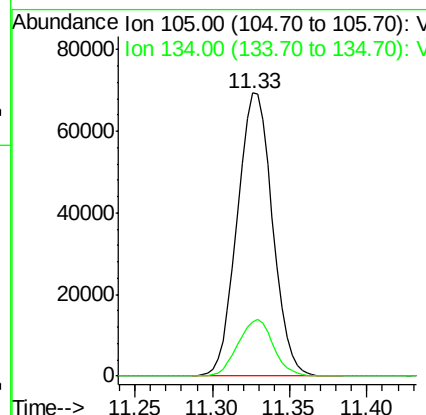
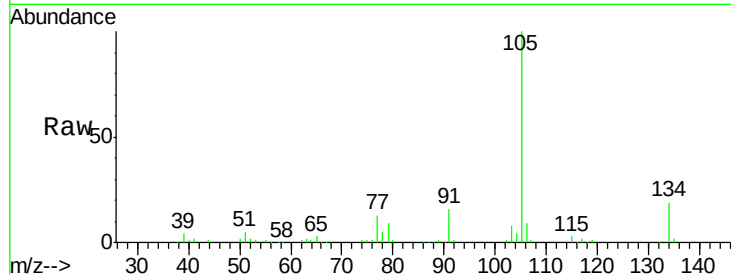




#85
 sec-Butylbenzene
 Concen: 17.38 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

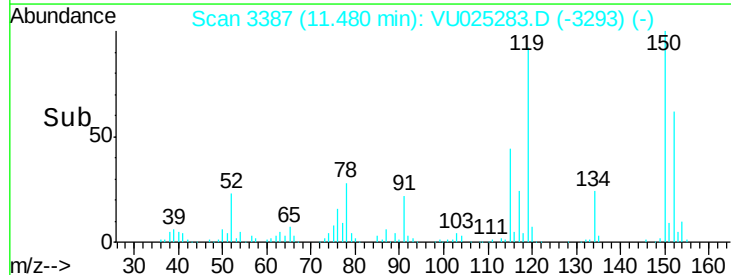
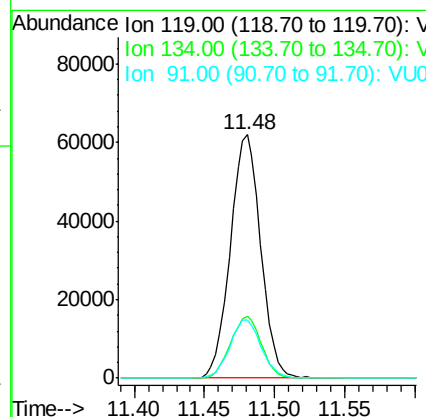
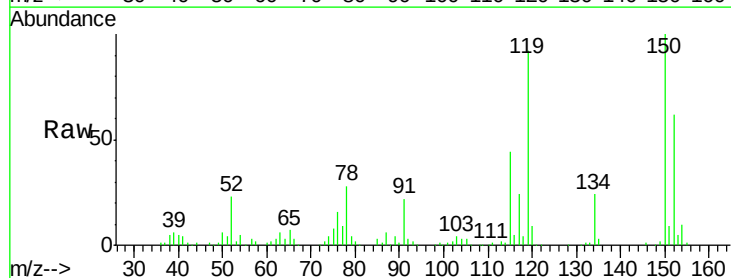
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

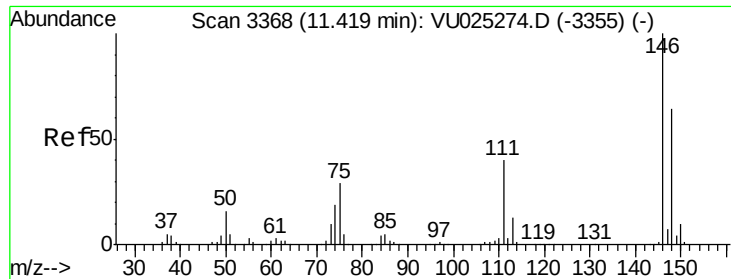
Tot Ion:105 Resp: 109746
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 16.66 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion:119 Resp: 93182
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 24.7 12.0 36.1

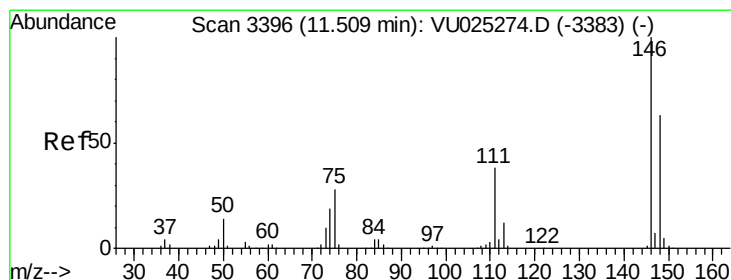
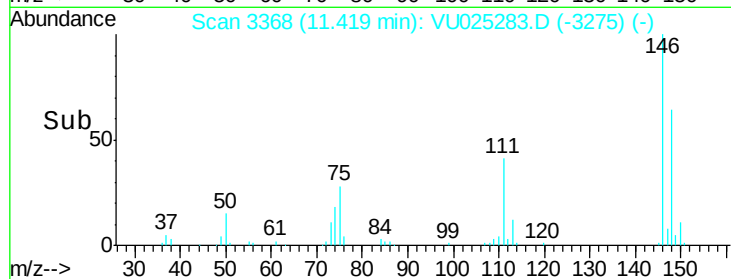
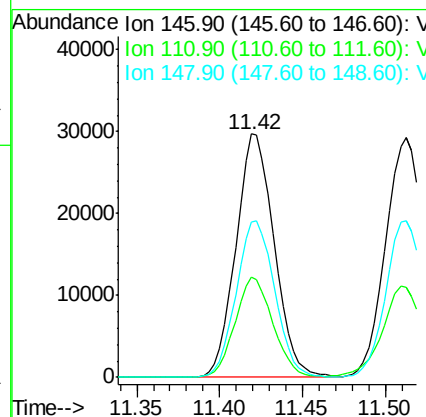
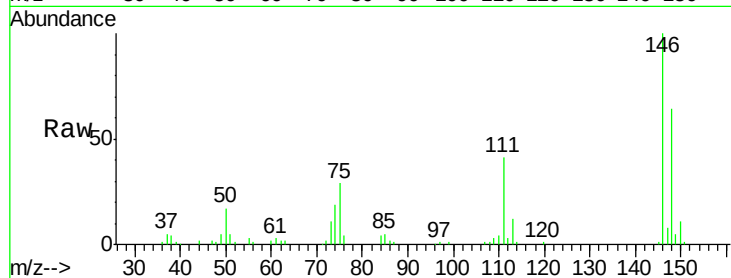




#87
 1,3-Dichlorobenzene
 Concen: 16.23 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

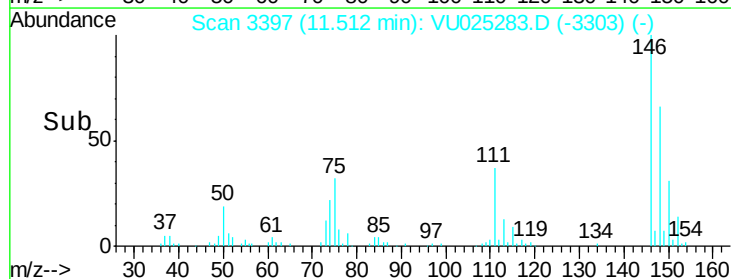
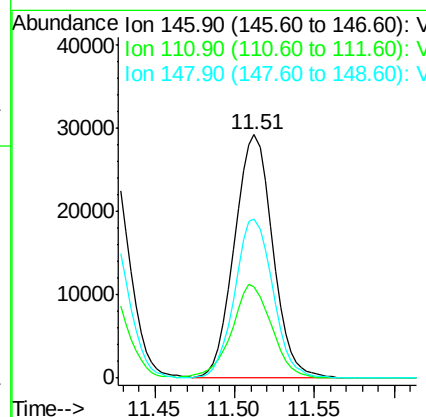
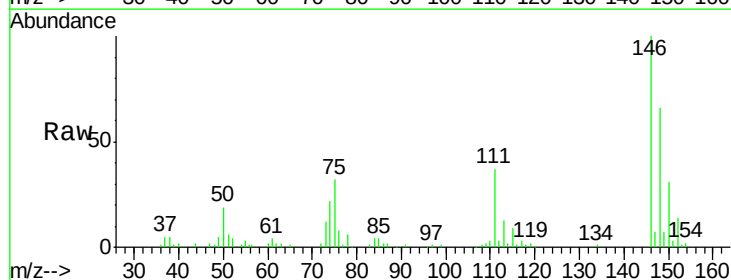
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

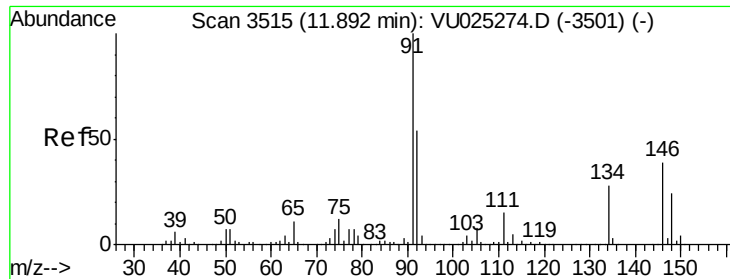
Tot Ion:146 Resp: 47878
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.7 59.1
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 17.58 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion:146 Resp: 47792
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.4 58.1
 148 65.0 31.7 95.1

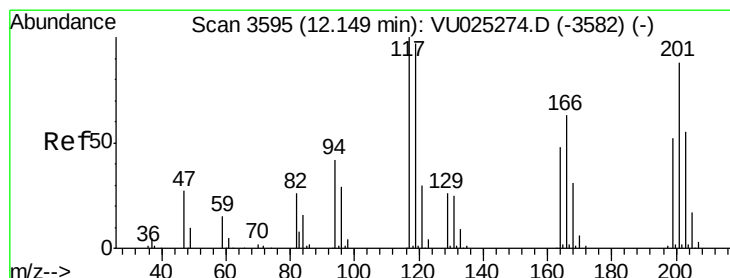
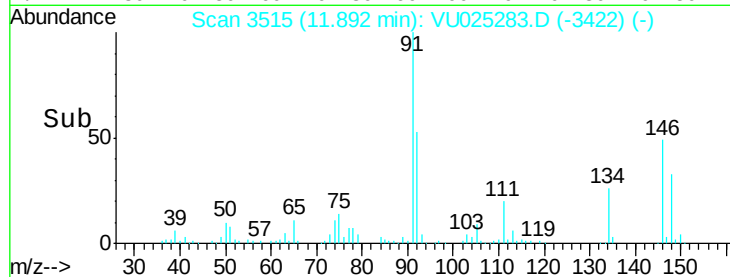
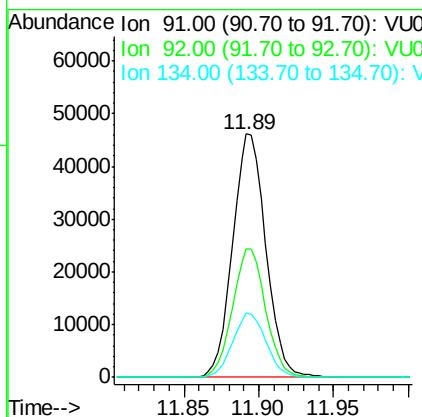
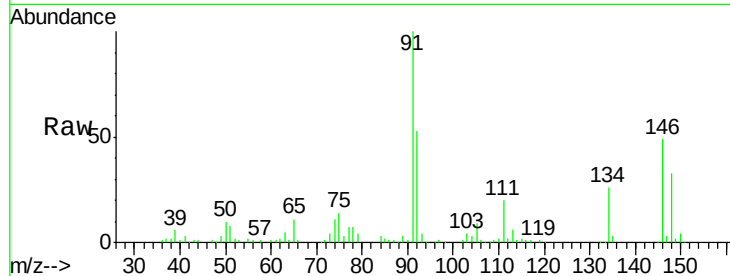




#89
 n-Butylbenzene
 Concen: 15.52 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

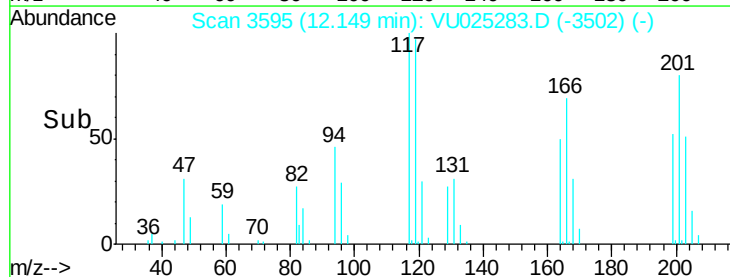
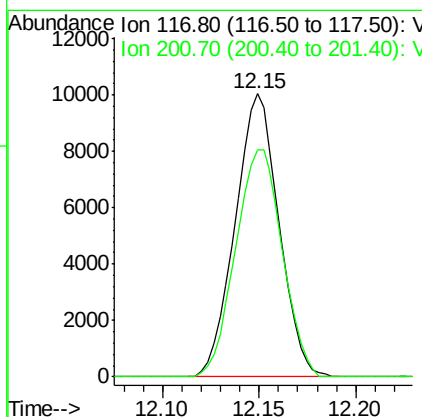
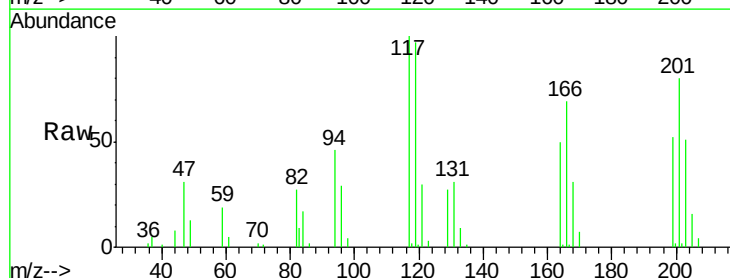
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

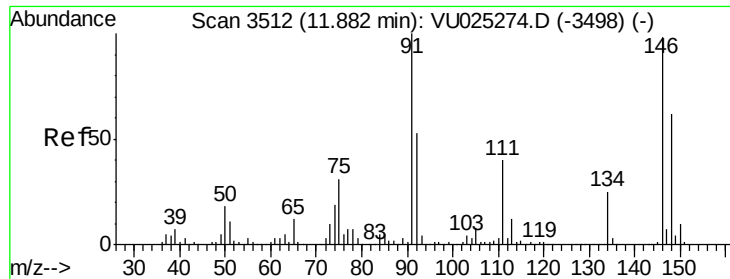
Tot Ion: 91 Resp: 71343
 Ion Ratio Lower Upper
 91 100
 92 52.4 26.5 79.5
 134 26.5 13.6 40.7



#90
 Hexachloroethane
 Concen: 16.67 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 117 Resp: 15784
 Ion Ratio Lower Upper
 117 100
 201 85.6 42.5 127.6

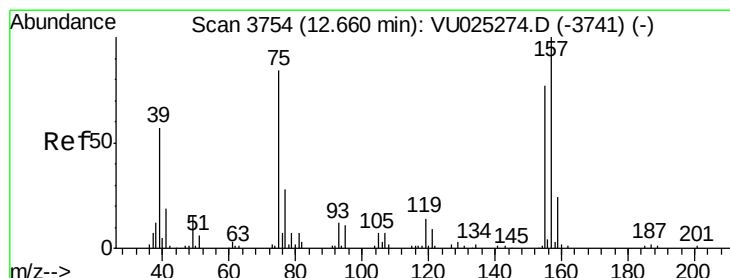
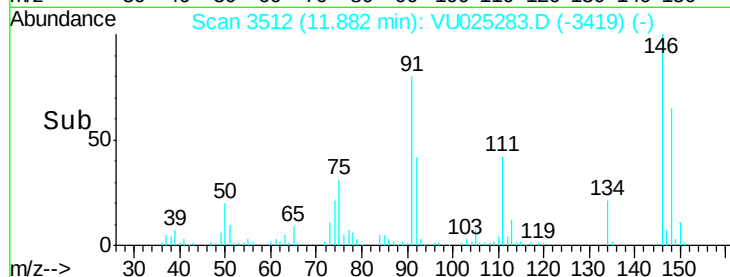
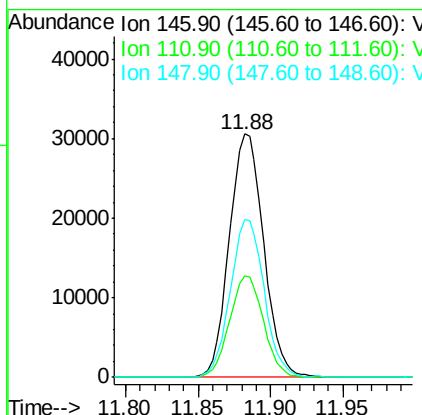
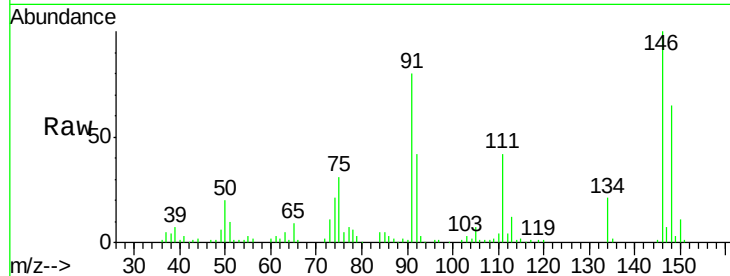




#91
 1,2-Dichlorobenzene
 Concen: 16.94 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

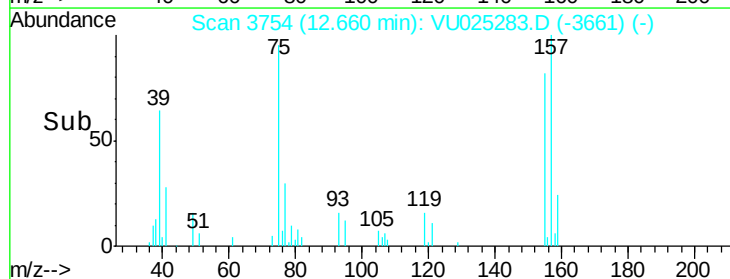
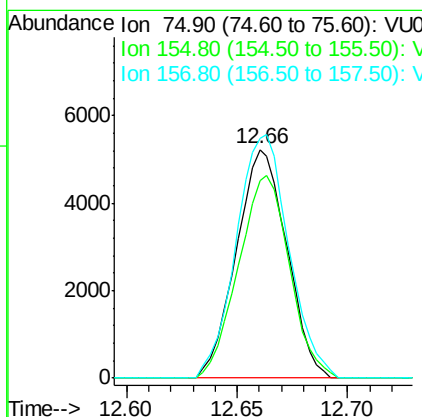
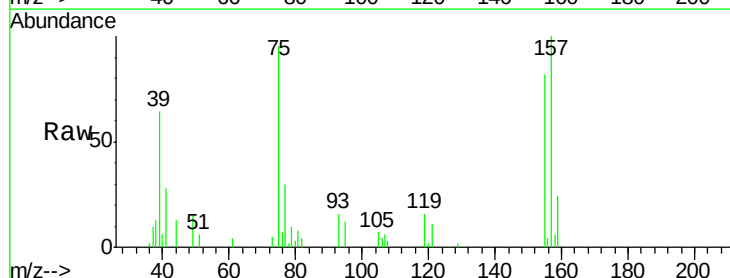
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

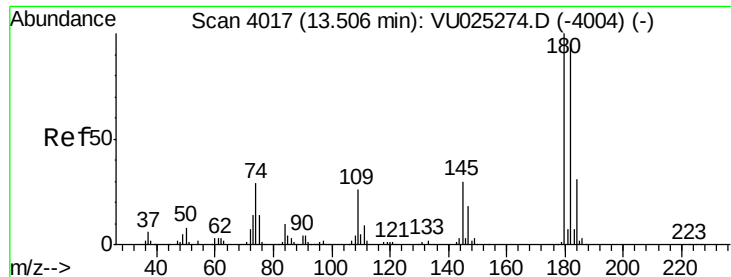
Tot Ion:146 Resp: 50459
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 63.6 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.59 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU025283.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 75 Resp: 8303
 Ion Ratio Lower Upper
 75 100
 155 89.4 44.5 133.3
 157 110.9 57.0 170.8

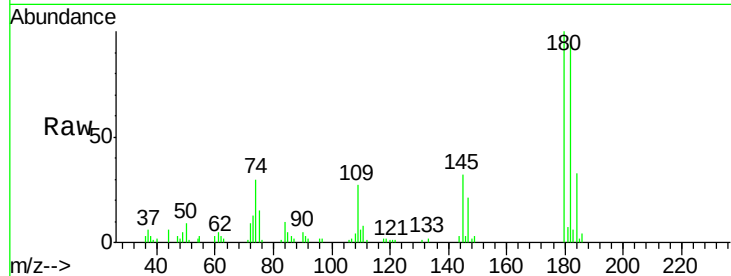




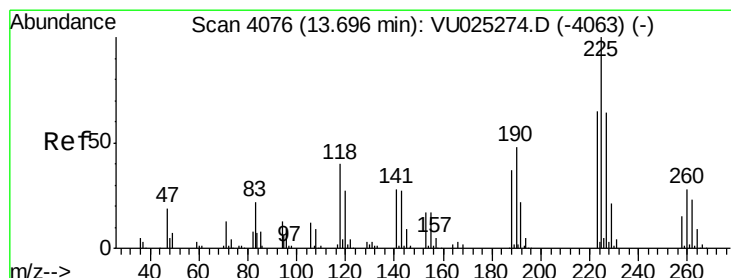
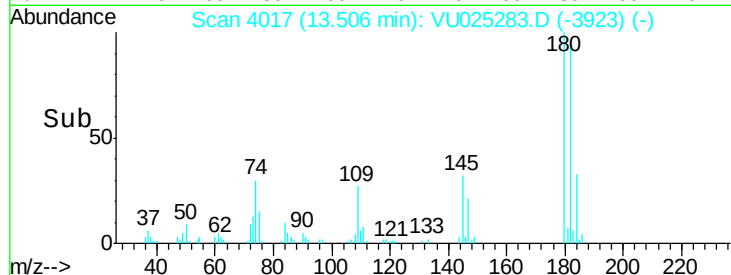
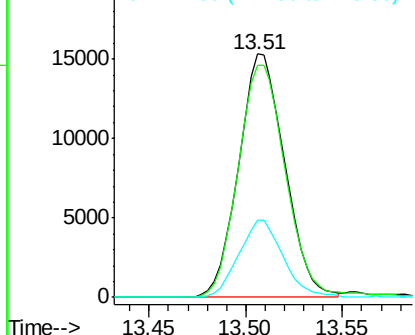
#93
1,2,4-Trichlorobenzene
Concen: 15.19 ug/l
RT: 13.51 min Scan# 4017
Delta R.T. 0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBS01

Tot Ion:180 Resp: 25423
Ion Ratio Lower Upper
180 100
182 98.5 47.3 141.9
145 30.4 14.9 44.7

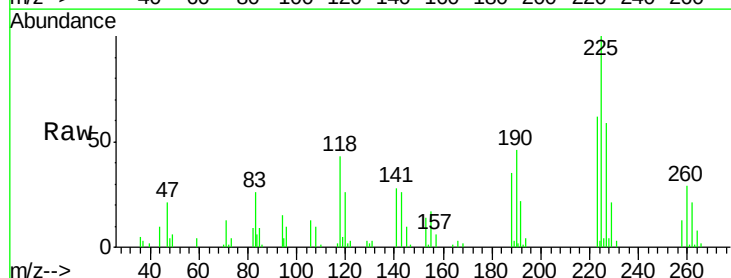


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

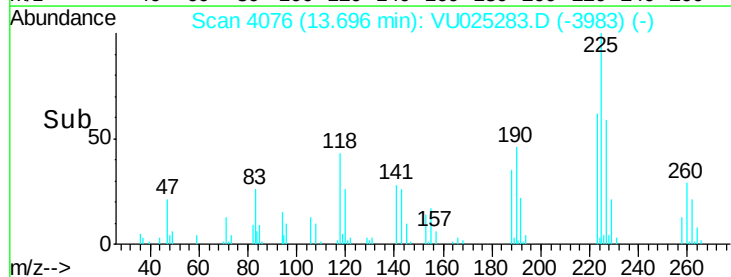
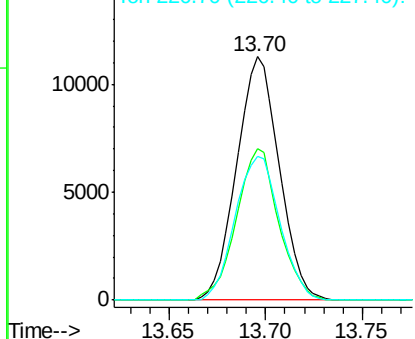


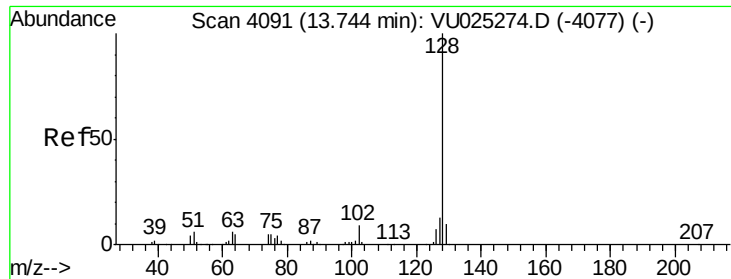
#94
Hexachlorobutadiene
Concen: 16.20 ug/l
RT: 13.70 min Scan# 4076
Delta R.T. -0.00 min
Lab File: VU025283.D
Acq: 10 Jul 2018 12:43

Tgt Ion:225 Resp: 17259
Ion Ratio Lower Upper
225 100
223 61.6 31.9 95.7
227 61.9 32.3 96.9



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





#95

Naphthalene

Concen: 15.99 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0710WBS01

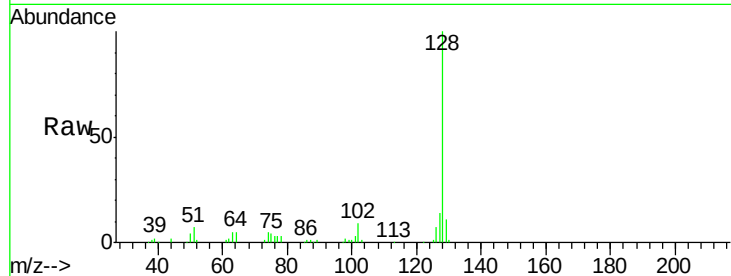
Tot Ion:128 Resp: 86475

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

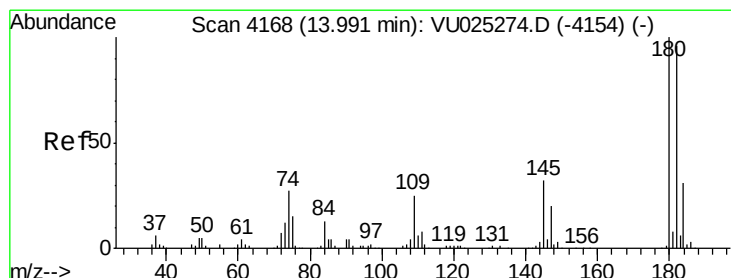
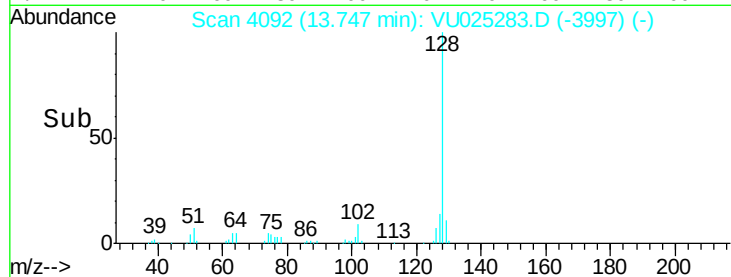
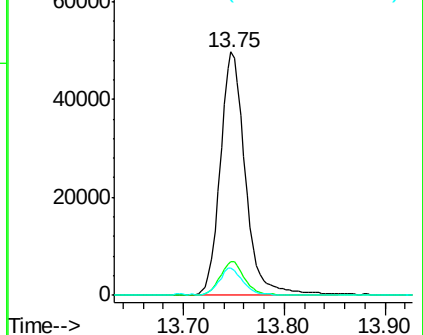
129 10.8 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 15.75 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025283.D

Acq: 10 Jul 2018 12:43

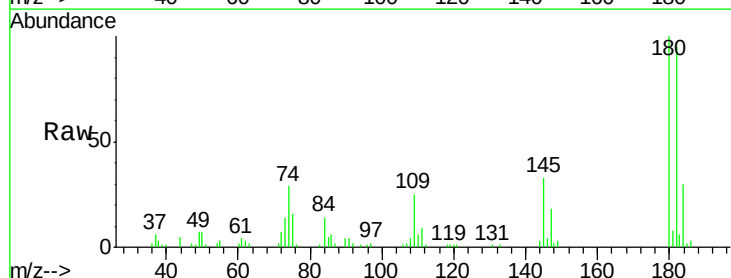
Tgt Ion:180 Resp: 28211

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

145 32.3 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

