

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072518\
 Data File : VU025639.D
 Acq On : 25 Jul 2018 18:41
 Operator : MD/SY
 Sample : VU0725WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

Manual Integrations
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Quant Time: Jul 26 03:45:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 25 12:16:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	33876	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	12633	1.00	ug/l	0.00
Spiked Amount	1.000		Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	14656	1.05	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.00%	

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	23713	1.963	ug/l	98
3) Chloromethane	1.33	50	21311	1.866	ug/l	98
4) Vinyl Chloride	1.40	62	20761	1.964	ug/l	97
5) Bromomethane	1.63	94	9321	1.810	ug/l	100
6) Chloroethane	1.70	64	12770	2.013	ug/l	95
7) Trichlorofluoromethane	1.89	101	31324	2.032	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	16639	1.966	ug/l	96
9) 1,1-Dichloroethene	2.29	96	14669	1.964	ug/l	96
10) Iodomethane	2.41	142	8386	1.894	ug/l	96
11) Allyl Chloride	2.59	41	24665	1.976	ug/l	87
12) Acrylonitrile	2.95	53	6475	3.933	ug/l	92
13) Acetone	2.33	43	13421	9.373	ug/l	95
14) Carbon Disulfide	2.48	76	49377	1.933	ug/l	98
15) Methylene Chloride	2.70	84	17136	1.925	ug/l	90
16) trans-1,2-Dichloroethene	2.98	96	17343	2.071	ug/l	89
17) 1,1-Dichloroethane	3.44	63	34298	2.065	ug/l	99
18) 2-Butanone	4.29	43	23388	9.412	ug/l	99
19) Cyclohexane	4.99	56	24157	1.886	ug/l	87
20) Methylcyclohexane	6.42	83	28542	1.817	ug/l	97
21) 2,2-Dichloropropane	4.23	77	32226	2.035	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	20428	1.938	ug/l	95
23) Diethyl Ether	2.10	59	11159	1.973	ug/l	98
24) tert-Butyl Alcohol	2.85	59	13422	20.199	ug/l #	78
25) Methyl tert-Butyl Ether	3.01	73	38849	1.923	ug/l	91
26) Bromochloromethane	4.55	128	9344	2.013	ug/l	82
27) Chloroform	4.68	83	36493	1.999	ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	31565	1.918	ug/l	97
29) 1,1-Dichloropropene	5.14	75	25361	1.879	ug/l	95
30) Carbon Tetrachloride	5.13	117	27923	1.868	ug/l	99
31) Isopropyl Ether	3.58	45	52178	1.961	ug/l	94
32) Ethyl-t-butyl ether	4.08	59	48967	1.936	ug/l	95
33) Tert-Amyl methyl ether	5.59	73	42813	1.918	ug/l	97
34) Propionitrile	4.35	54	6812	9.867	ug/l #	90
35) Benzene	5.39	78	74174	1.965	ug/l	100
36) 1,2-Dichloroethane	5.41	62	23026	1.987	ug/l	100
37) Trichloroethene	6.19	130	22160	1.993	ug/l	96
38) 1,2-Dichloropropane	6.44	63	19284	1.969	ug/l	94
39) Methacrylonitrile	4.56	41	6048	1.903	ug/l #	88
40) Methyl acrylate	4.44	55	9417	1.965	ug/l #	95
41) Tetrahydrofuran	4.66	42	6487	3.454	ug/l	95
42) 1-Chlorobutane	5.07	56	36162	1.965	ug/l	98

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Quant Time: Jul 26 03:45:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 25 12:16:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Dibromomethane	6.56	93	10358	2.026	ug/l	98
44) Bromodichloromethane	6.76	83	25477	1.967	ug/l #	95
45) 4-Methyl-2-Pentanone	7.47	43	55746	9.778	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	5626m	3.646	ug/l	
47) Methyl methacrylate	6.63	69	17002	3.977	ug/l	95
48) Ethyl methacrylate	8.02	69	16332	1.902	ug/l	96
49) Toluene	7.64	92	43481	1.885	ug/l	96 apatel
50) t-1,3-Dichloropropene	7.89	75	22254	1.903	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	27325	1.950	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	13615	1.987	ug/l	98
53) 1,3-Dichloropropane	8.25	76	22314	1.928	ug/l	96
54) 2-Hexanone	8.37	43	38512	9.565	ug/l	98 7/26/2018 4:27:30 PM
55) Dibromochloromethane	8.48	129	16429	1.885	ug/l	99
56) 1,2-Dibromoethane	8.59	107	12796	1.929	ug/l	95
58) Tetrachloroethene	8.23	164	19966	1.998	ug/l	99
59) Chlorobenzene	9.12	112	52107	1.965	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	19075	1.937	ug/l	99
61) Pentachloroethane	11.10	117	14622	1.945	ug/l	98
62) Hexachloroethane	12.15	117	14339	1.868	ug/l	94
63) Ethyl Benzene	9.25	91	84488	1.915	ug/l	96
64) m/p-Xylenes	9.38	106	67796	3.910	ug/l	96
65) o-Xylene	9.78	106	31270	1.892	ug/l	99
66) Styrene	9.80	104	51750	1.844	ug/l	98
67) Bromoform	9.96	173	9424	1.833	ug/l #	99
69) Isopropylbenzene	10.17	105	84147	1.884	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.46	83	16789	1.950	ug/l	97
71) 1,2,3-Trichloropropane	10.50	75	14262m	2.125	ug/l	
72) Bromobenzene	10.46	156	22590	1.949	ug/l	96
73) n-propylbenzene	10.59	120	24892	1.978	ug/l	88
74) 2-Chlorotoluene	10.66	126	21303	1.923	ug/l	92
75) 1,3,5-Trimethylbenzene	10.78	105	75248	1.930	ug/l	100
76) 4-Chlorotoluene	10.78	126	22163	1.904	ug/l	98
77) tert-Butylbenzene	11.10	119	71311	1.855	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	74864	1.881	ug/l	99
79) sec-Butylbenzene	11.33	105	95945	1.899	ug/l	98
80) Nitrobenzene	12.87	77	2173	8.290	ug/l #	87
81) p-Isopropyltoluene	11.48	119	82603	1.928	ug/l	97
82) 1,3-Dichlorobenzene	11.42	146	46709	1.959	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	46711	2.009	ug/l	99
84) n-Butylbenzene	11.89	91	77264	1.922	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	42121	1.934	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2734	1.924	ug/l	88
87) 1,2,4-Trichlorobenzene	13.51	180	30225	1.994	ug/l	100
88) Hexachlorobutadiene	13.70	225	18339	1.969	ug/l	99
89) Naphthalene	13.75	128	45599	1.853	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	27276	1.969	ug/l	99

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

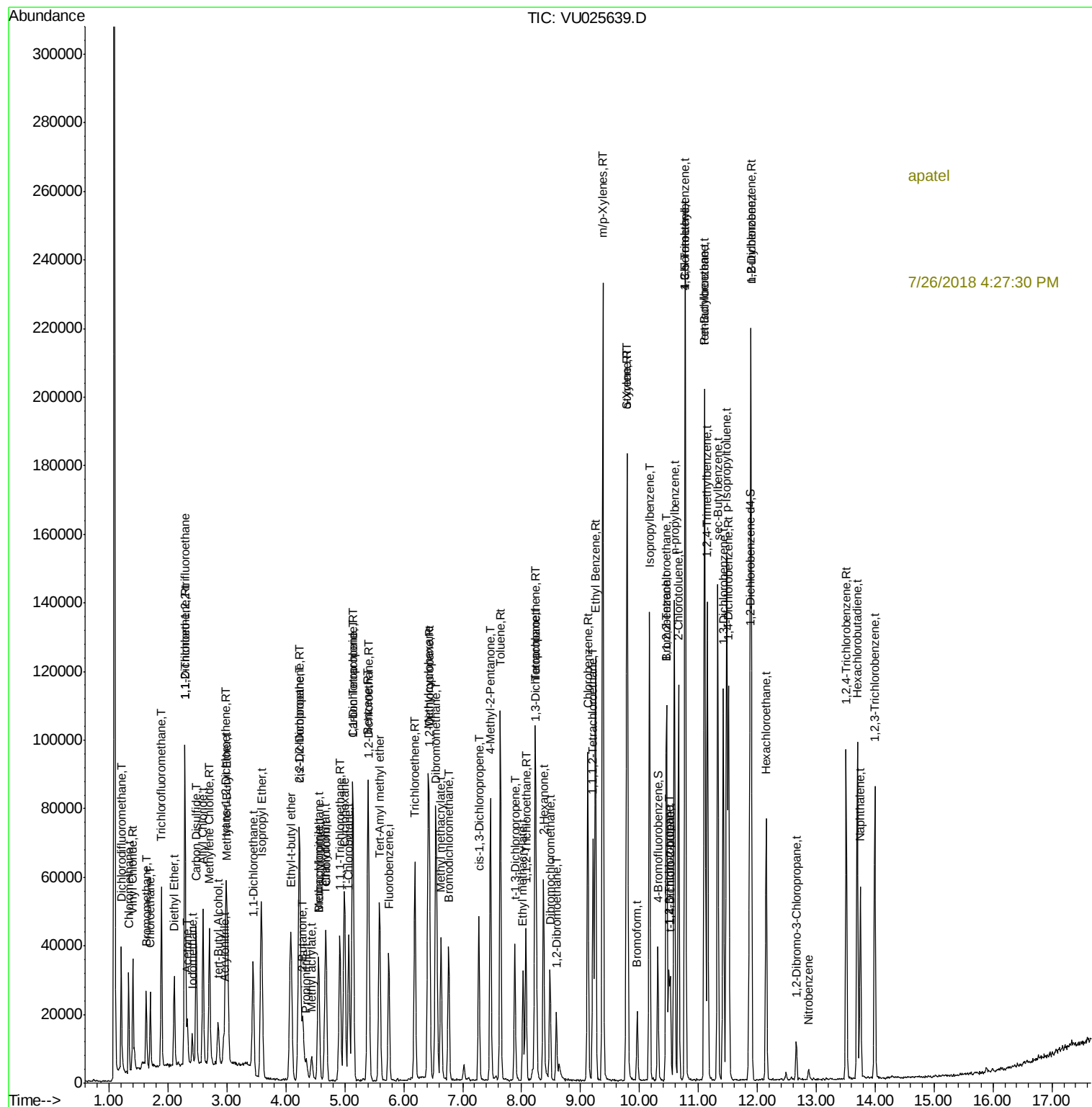
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072518\
Data File : VU025639.D
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampled :
VU0725WBSD01

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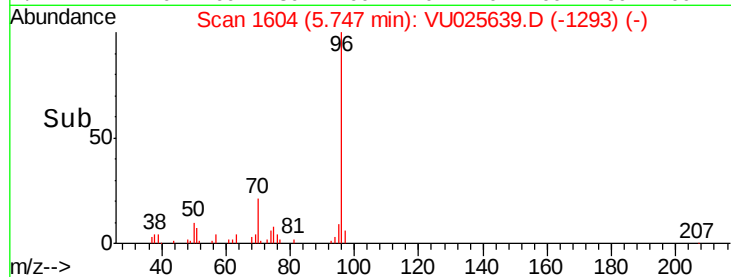
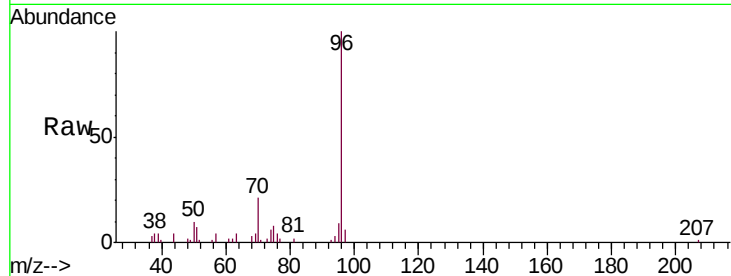
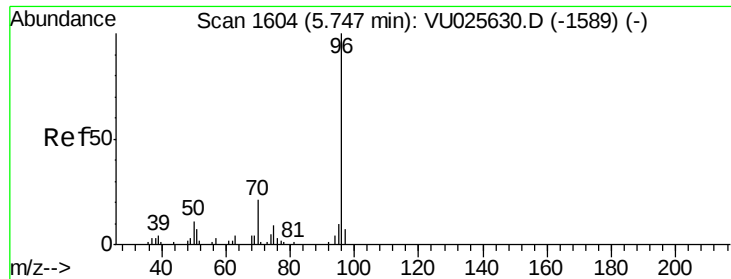
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU025639.D

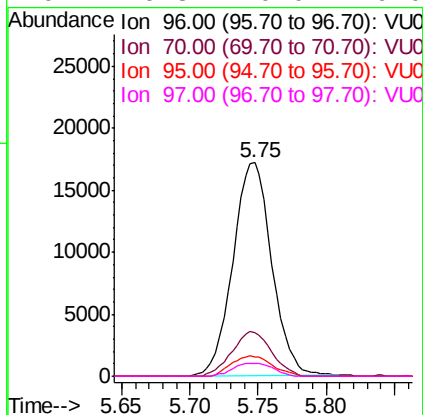
Acq: 25 Jul 2018 18:41

Tot Ion	96	Resp	33876
Ion	Ratio	Lower	Upper
96	100		
70	21.3	16.2	24.4
95	10.0	6.9	10.3
97	6.3	0.0	0.0#

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

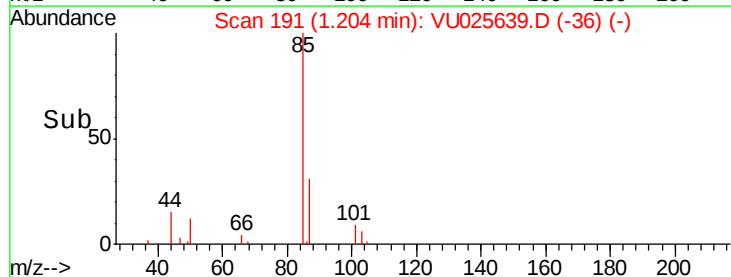
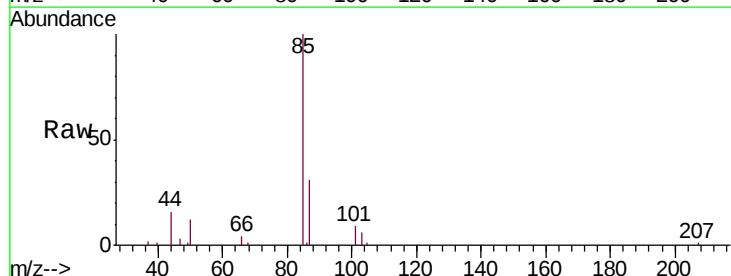
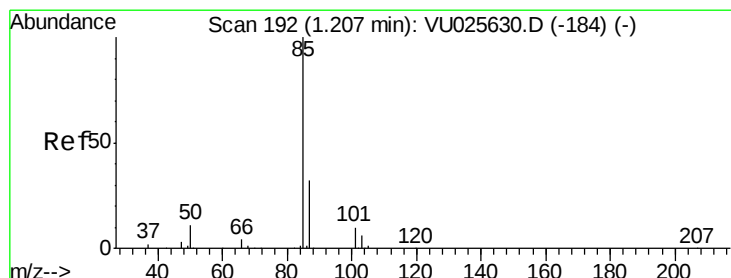
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#2

Dichlorodifluoromethane

Concen: 1.963 ug/l

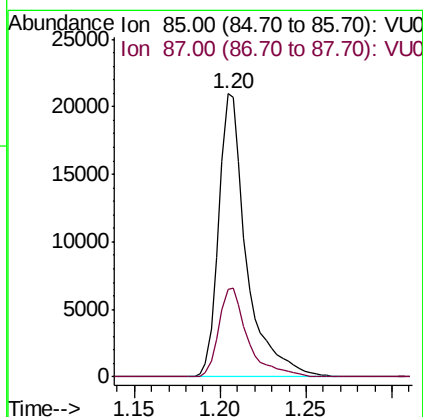
RT: 1.20 min Scan# 191

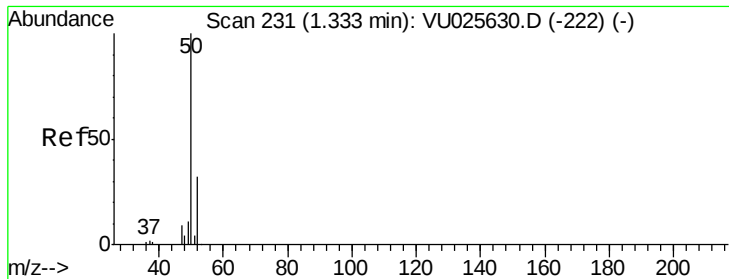
Delta R.T. -0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Tgt Ion	85	Resp	23713
Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.2	48.5





#3

Chloromethane

Concen: 1.866 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

Tot Ion: 50 Resp: 21311

Ion Ratio Lower Upper

50 100

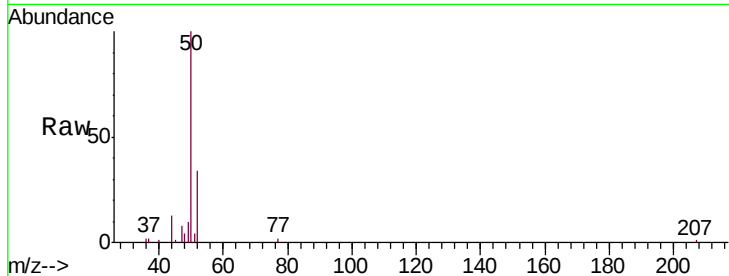
52 33.6 26.0 39.0

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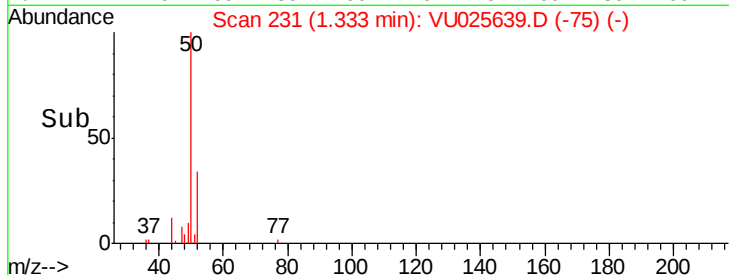
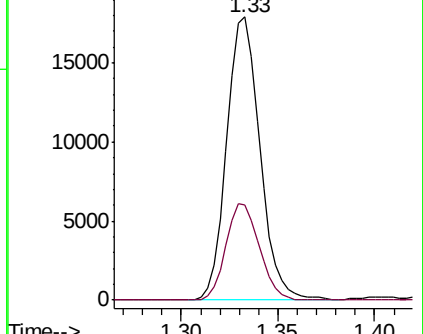
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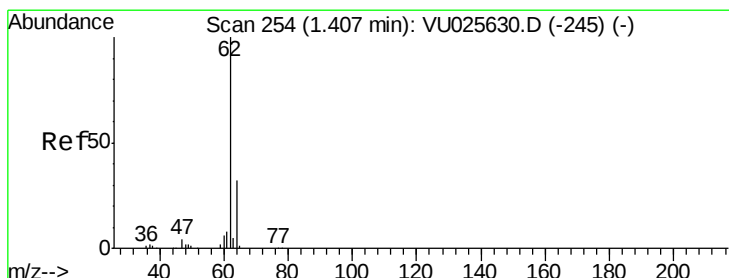
Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



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#4

Vinyl Chloride

Concen: 1.964 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025639.D

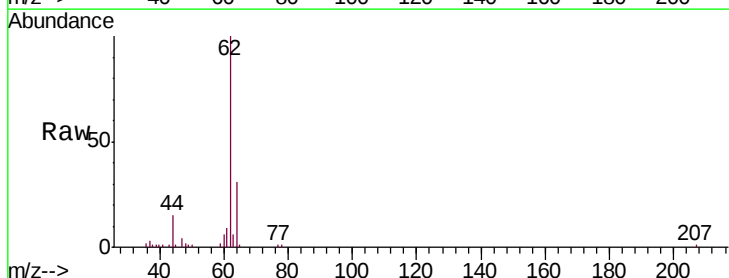
Acq: 25 Jul 2018 18:41

Tgt Ion: 62 Resp: 20761

Ion Ratio Lower Upper

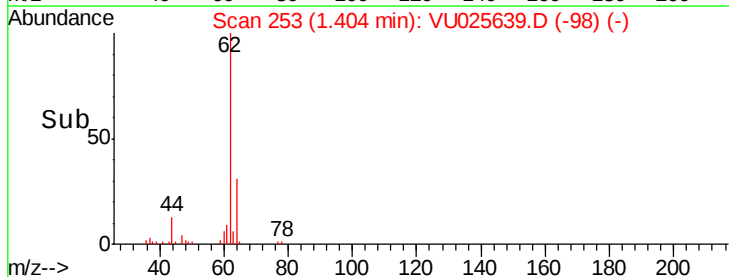
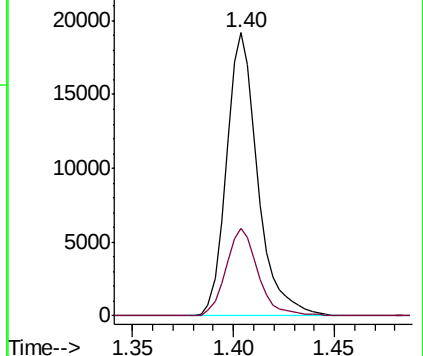
62 100

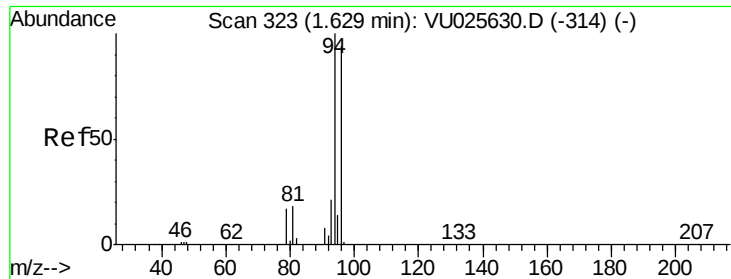
64 30.9 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 1.810 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

Tot Ion: 94 Resp: 9321

Ion Ratio Lower Upper

94 100

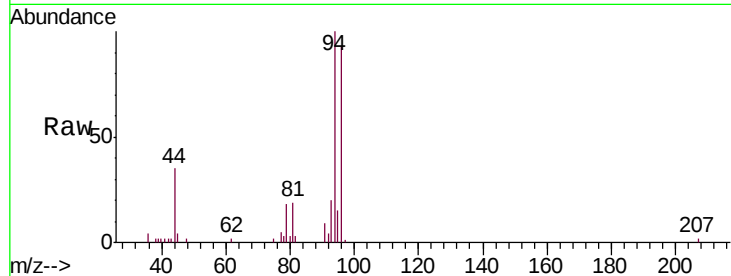
96 93.4 75.1 112.7

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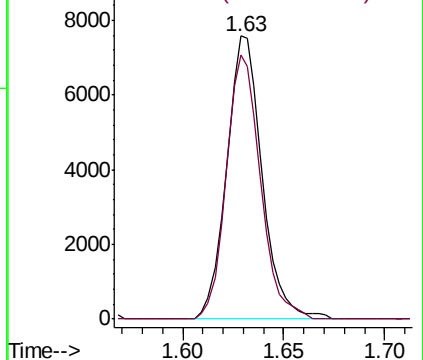
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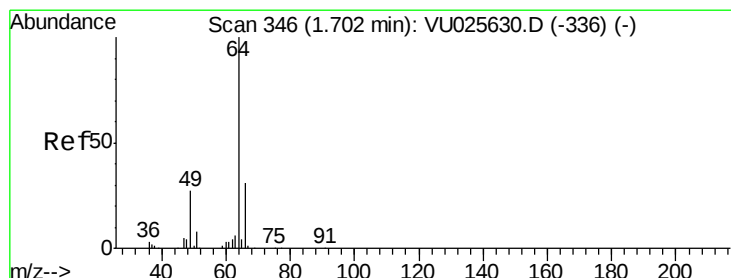
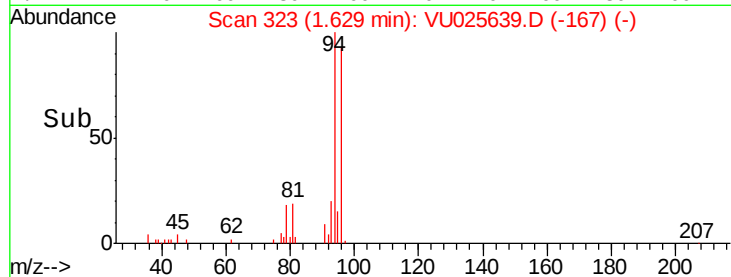
Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



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#6

Chloroethane

Concen: 2.013 ug/l

RT: 1.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU025639.D

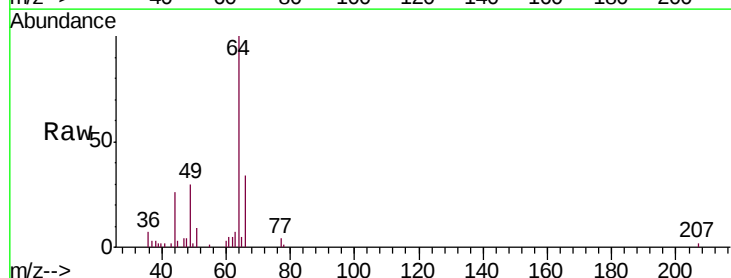
Acq: 25 Jul 2018 18:41

Tgt Ion: 64 Resp: 12770

Ion Ratio Lower Upper

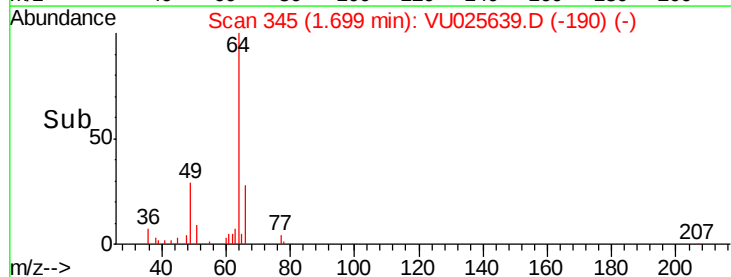
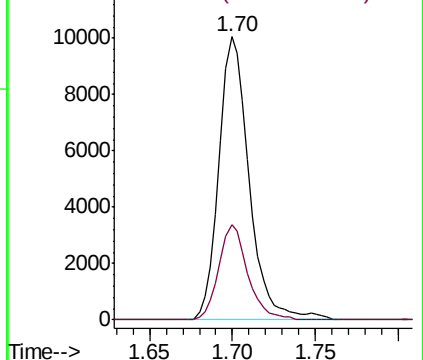
64 100

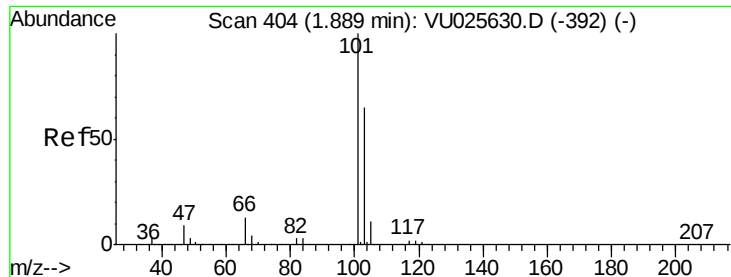
66 33.8 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

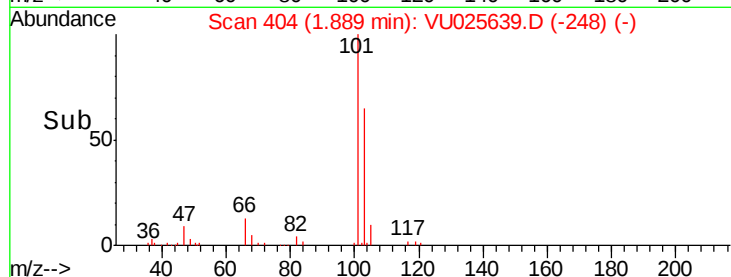
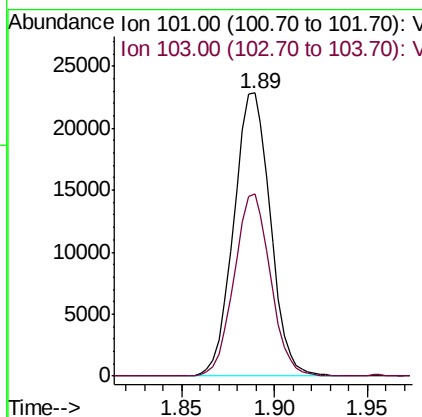
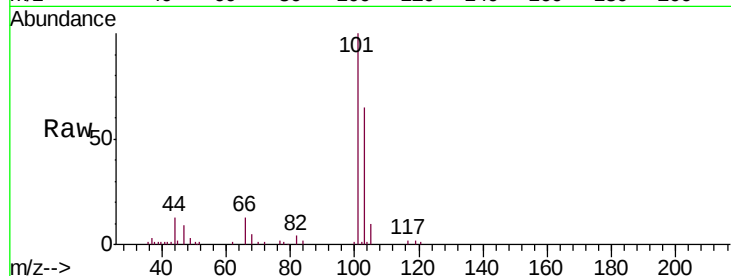
Trichlorofluoromethane
Concen: 2.032 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.4	77.0

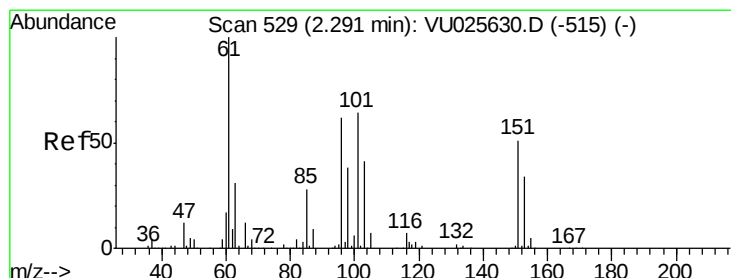
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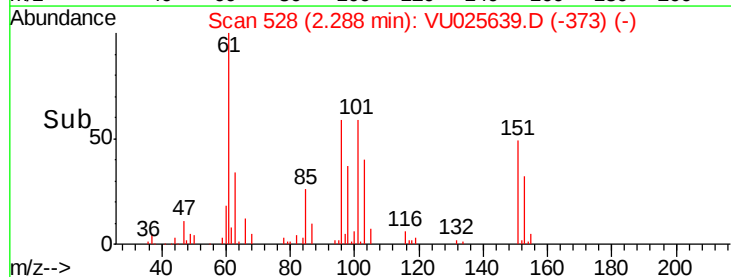
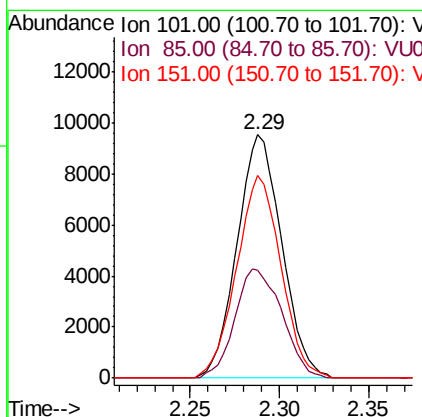
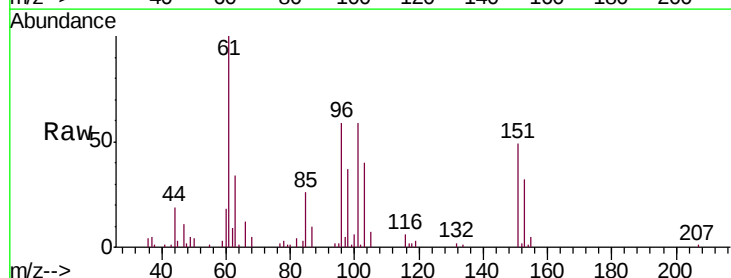
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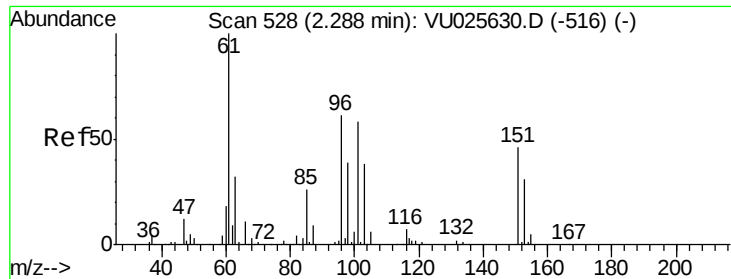


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.966 ug/l
RT: 2.29 min Scan# 528
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.1	35.2	52.8
151	82.7	63.5	95.3





#9

1,1-Dichloroethene

Concen: 1.964 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

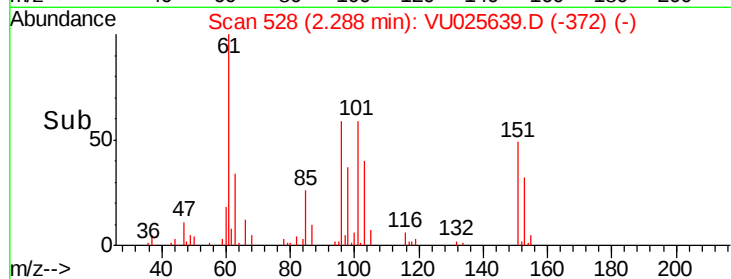
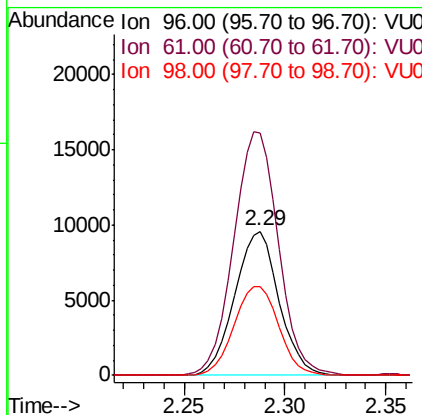
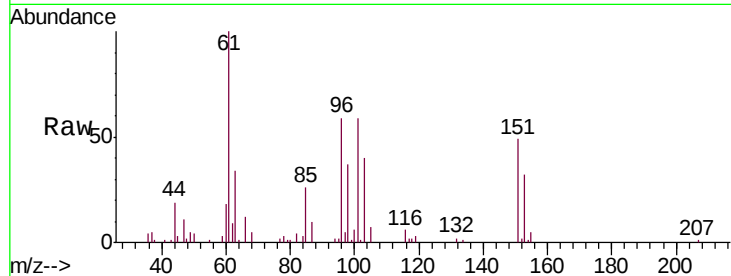
VU0725WBSD01

Tot Ion:	96	Resp:	14669
Ion	Ratio	Lower	Upper
96	100		
61	167.2	0.0	526.5
98	61.5	0.0	123.4

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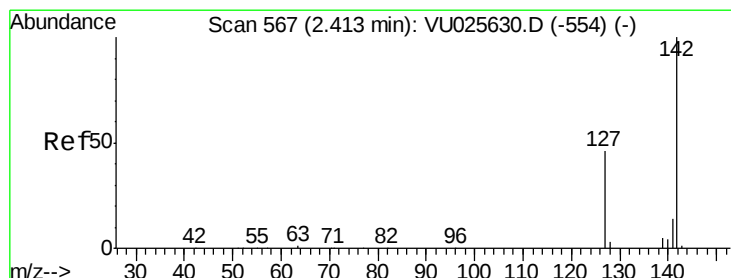
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#10

Iodomethane

Concen: 1.894 ug/l

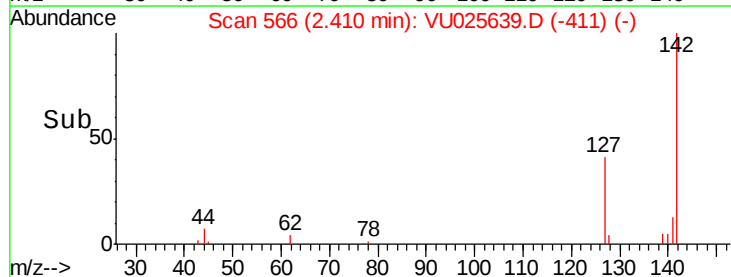
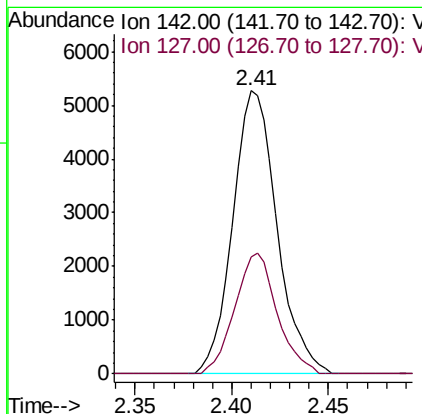
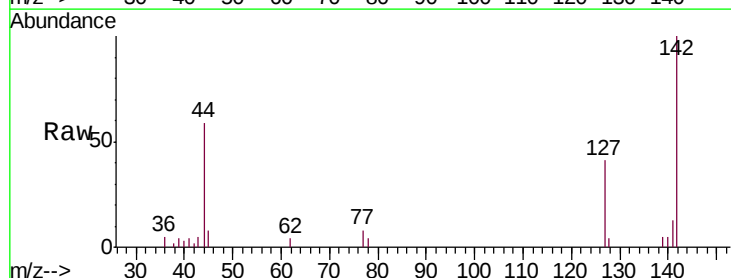
RT: 2.41 min Scan# 566

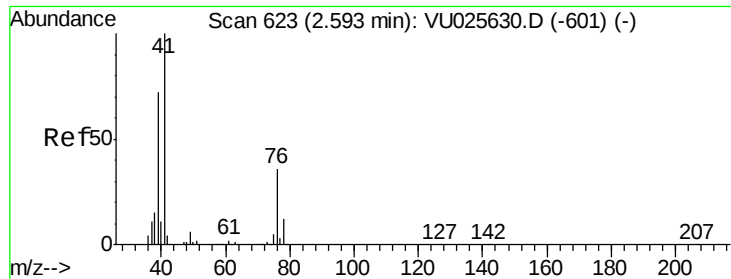
Delta R.T. -0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Tgt Ion:	142	Resp:	8386
Ion	Ratio	Lower	Upper
142	100		
127	40.8	34.5	51.7





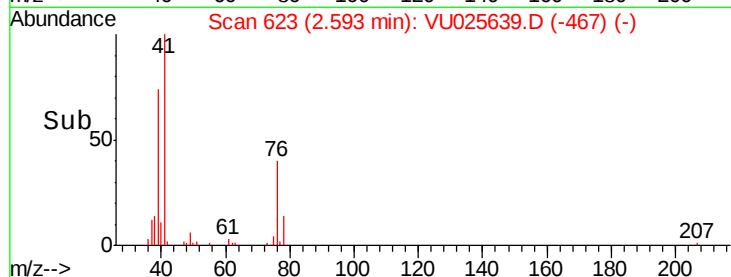
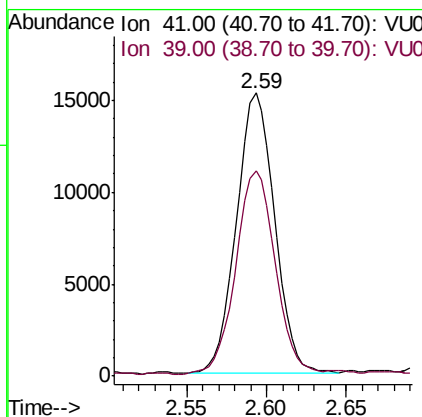
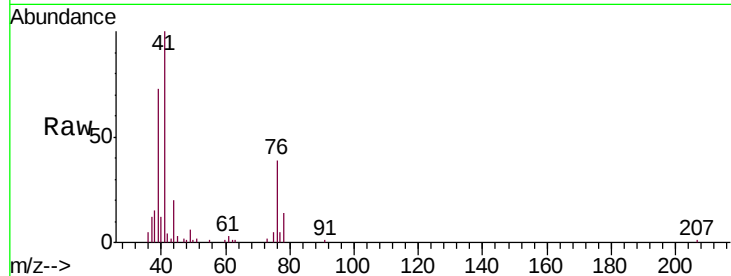
#11
Allvl Chloride
Concen: 1.976 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampled :
VU0725WBSD01

Tot Ion: 41 Resp: 24665
Ion Ratio Lower Upper
41 100
39 74.9 51.4 77.2

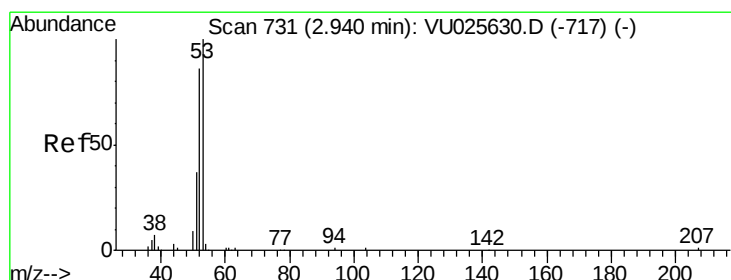
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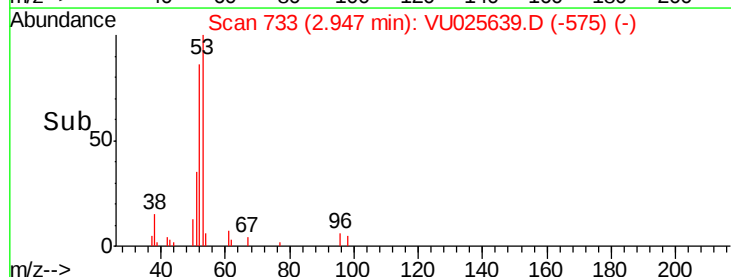
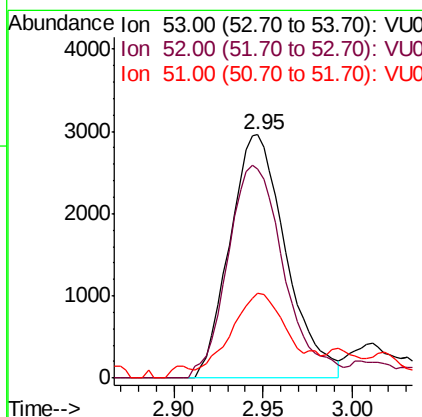
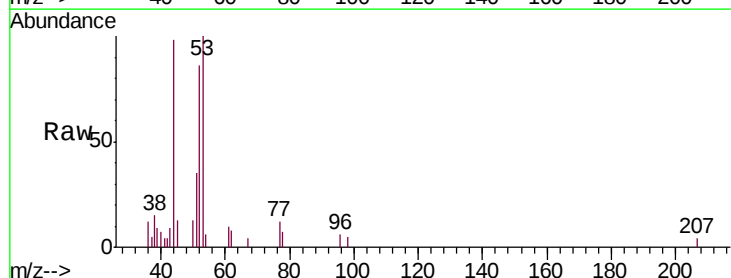
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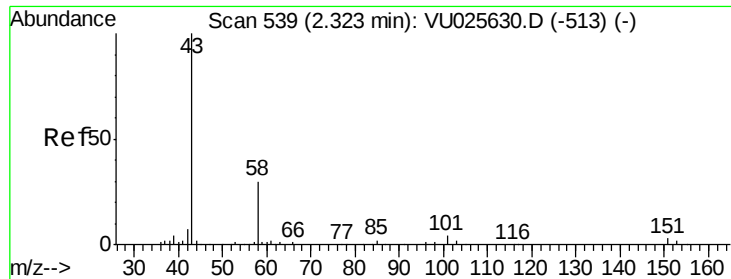
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#12
Acrylonitrile
Concen: 3.933 ug/l
RT: 2.95 min Scan# 733
Delta R.T. 0.01 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion: 53 Resp: 6475
Ion Ratio Lower Upper
53 100
52 87.6 65.1 97.7
51 31.7 30.2 45.4





#13

Acetone

Concen: 9.373 ug/l

RT: 2.33 min Scan# 541

Delta R.T. 0.01 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Tot Ion: 43 Resp: 13421

Ion Ratio Lower Upper

43 100

58 29.7 26.0 39.0

Instrument :

MSVOA_U

ClientSampled :

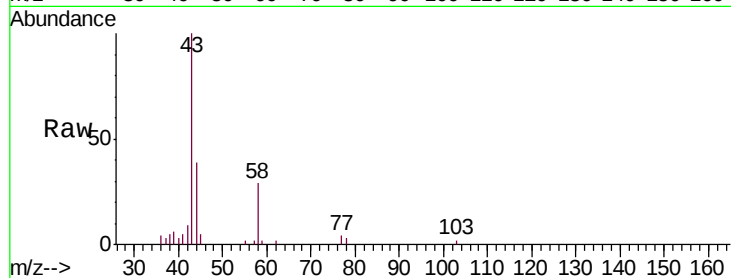
VU0725WBSD01

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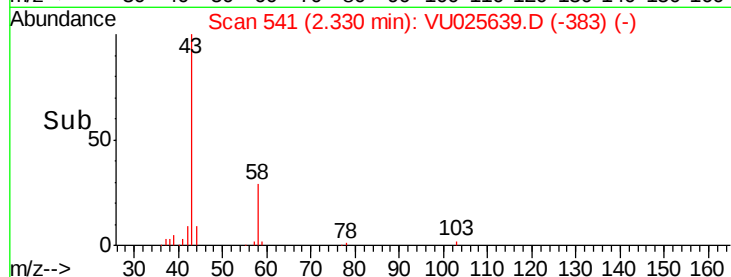


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.33

Time-->



Abundance

Ion 43.00 (42.70 to 43.70): VU0

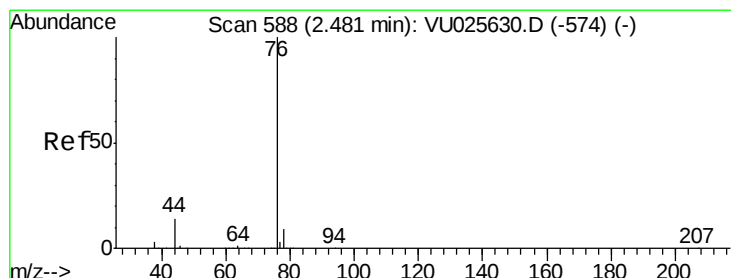
Ion 58.00 (57.70 to 58.70): VU0

2.33

Time-->

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#14

Carbon Disulfide

Concen: 1.933 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025639.D

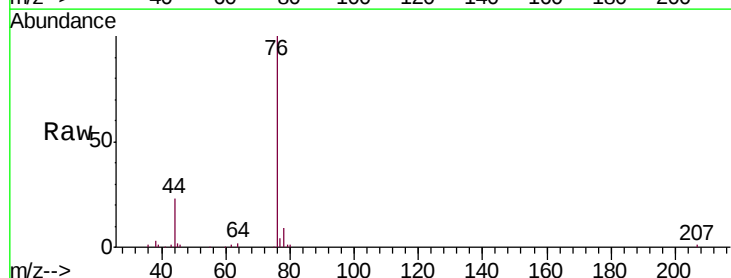
Acq: 25 Jul 2018 18:41

Tgt Ion: 76 Resp: 49377

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9

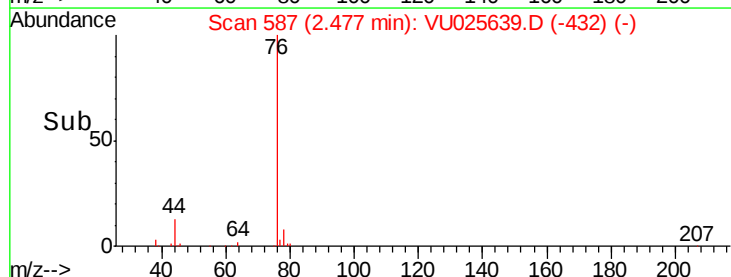


Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

Time-->



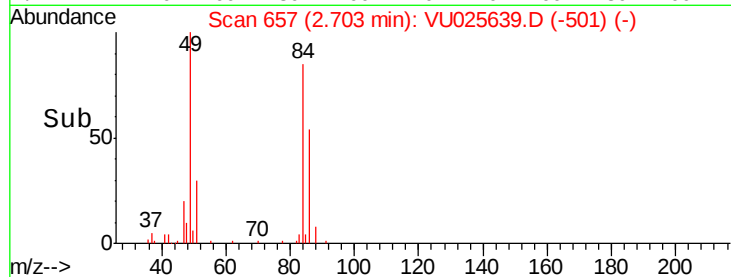
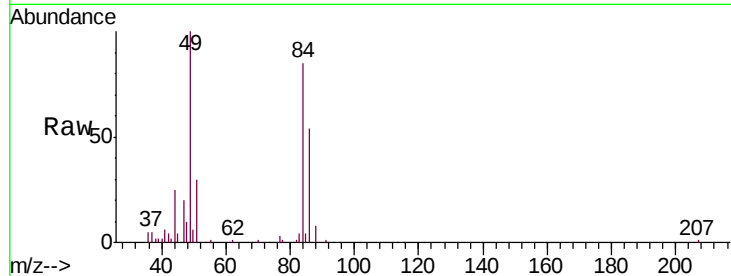
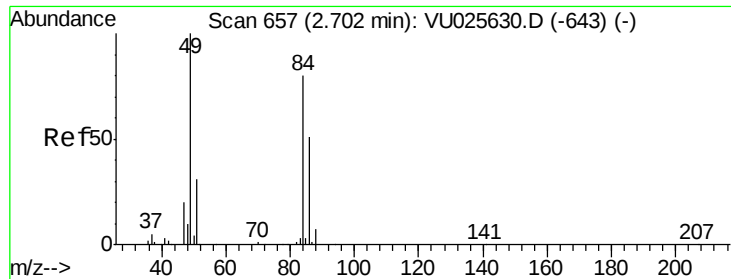
Abundance

Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

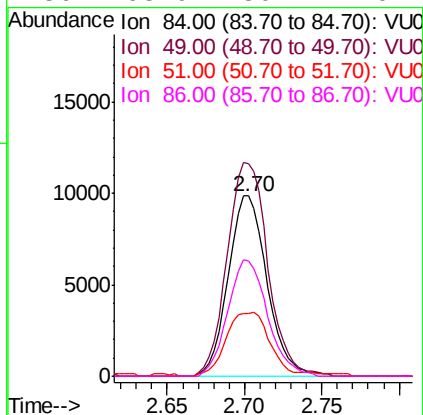
2.48

Time-->



#15
Methvlene Chloride
Concen: 1.925 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tot Ion:	84	Resp:	17136
Ion	Ratio	Lower	Upper
84	100		
49	118.1	108.7	163.1
51	34.9	0.0	82.4
86	63.9	50.7	76.1



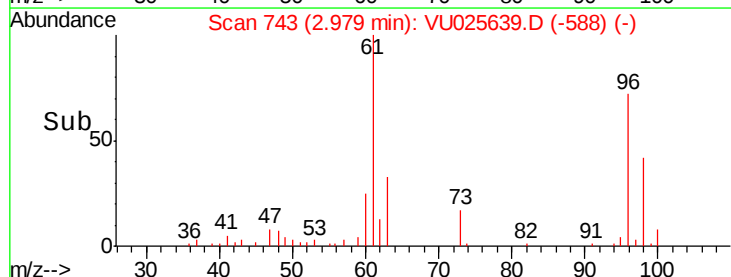
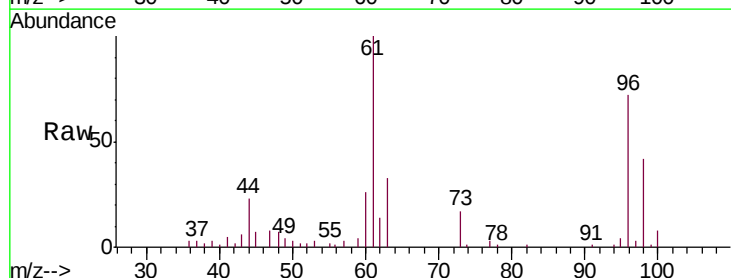
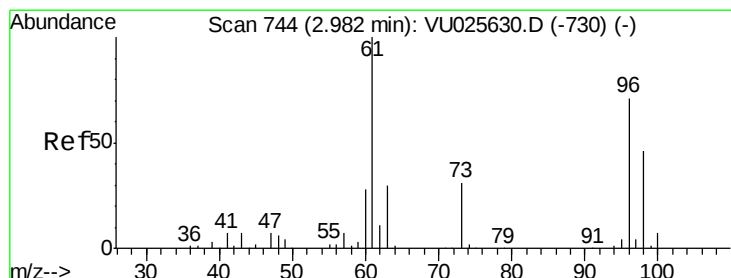
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

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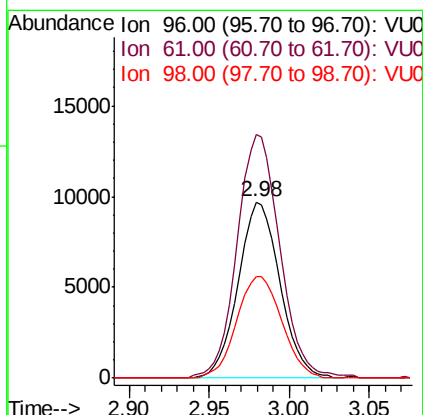
apatel

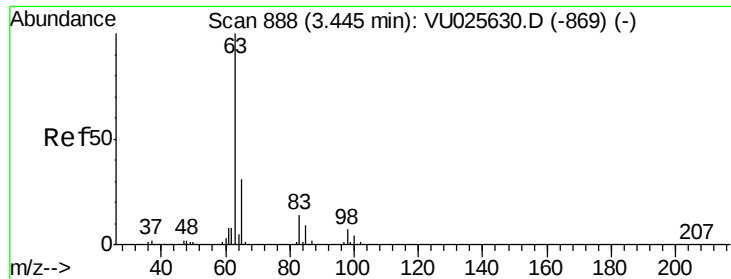
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#16
trans-1,2-Dichloroethene
Concen: 2.071 ug/l
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion:	96	Resp:	17343
Ion	Ratio	Lower	Upper
96	100		
61	138.1	123.9	185.9
98	57.9	50.6	76.0





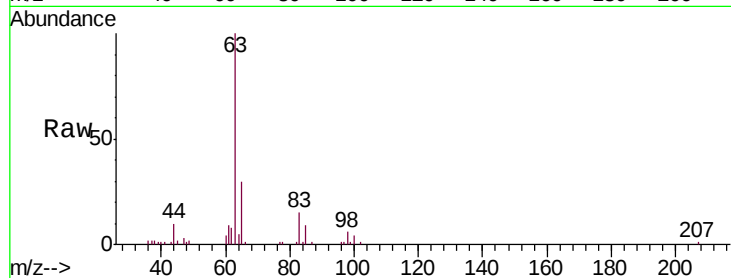
#17
 1,1-Dichloroethane
 Concen: 2.065 ug/l
 RT: 3.44 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

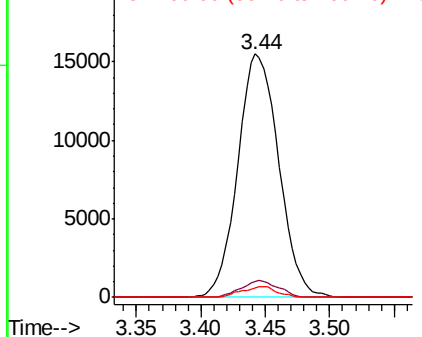
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.5	2.9	8.8
100	4.1	2.0	5.8

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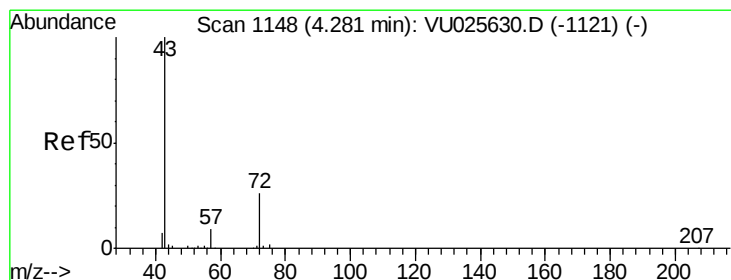
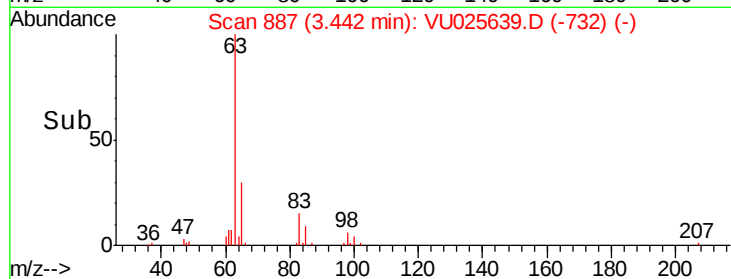


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0



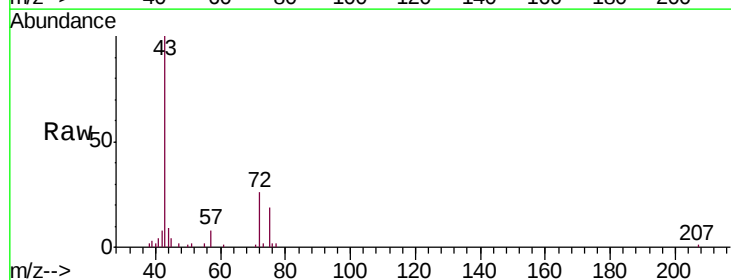
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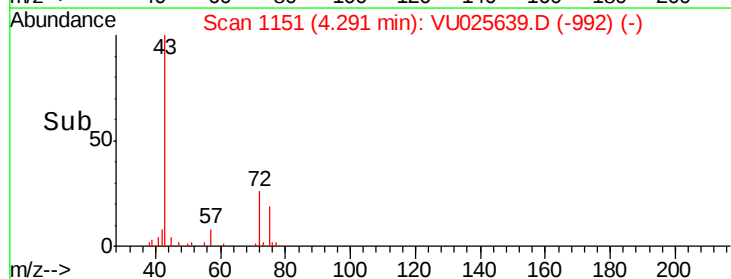
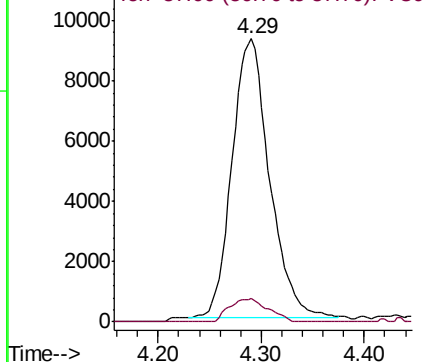


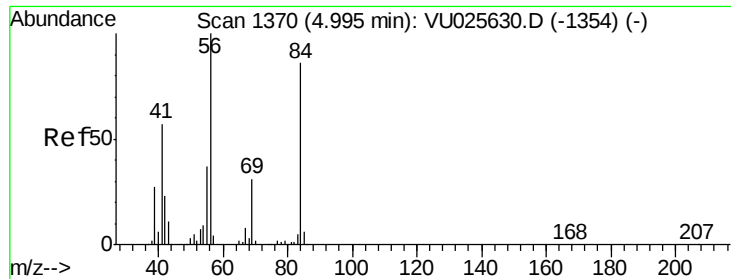
#18
 2-Butanone
 Concen: 9.412 ug/l
 RT: 4.29 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	0.0	15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





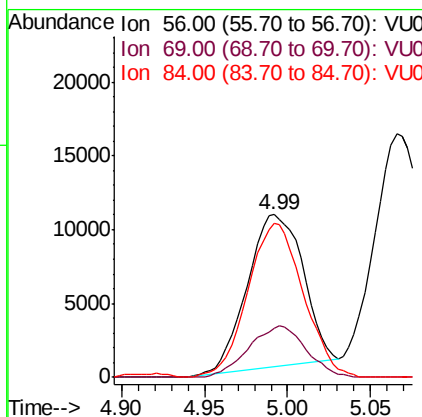
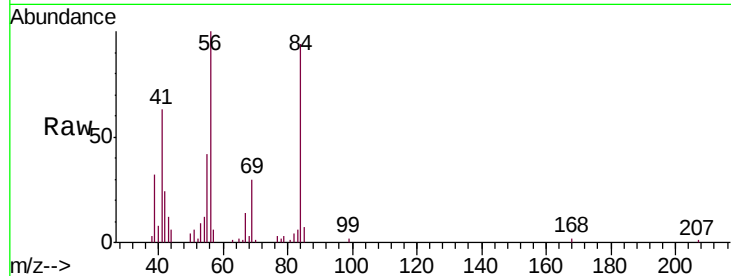
#19
Cyclohexane
Concen: 1.886 ug/l
RT: 4.99 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampled :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	26.0	39.0
84	100.5	68.3	102.5

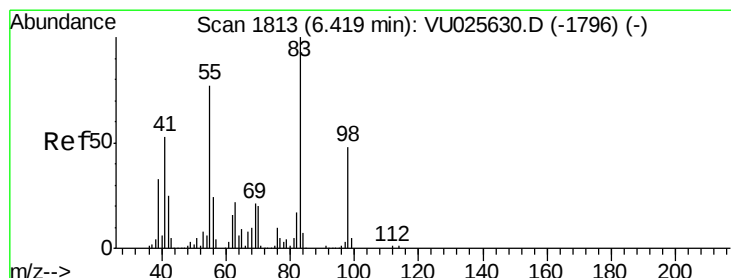
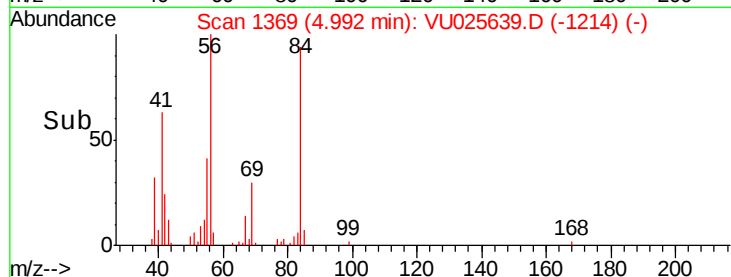
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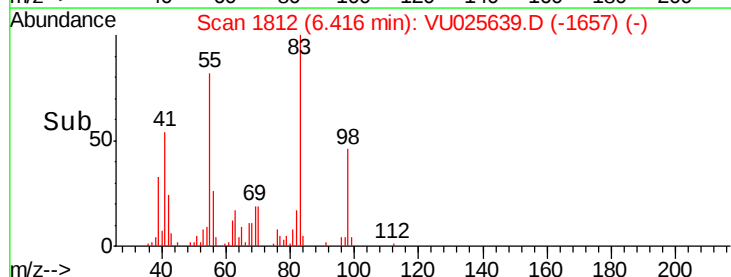
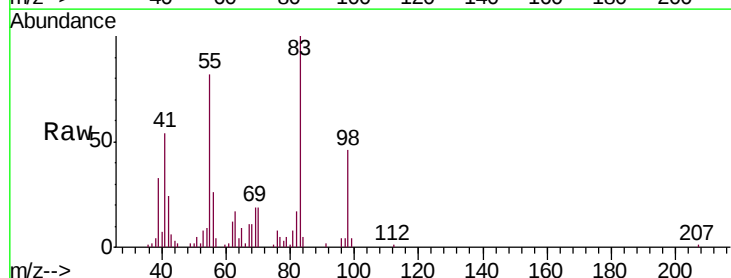
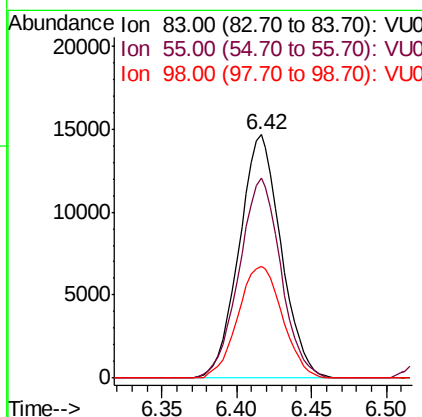
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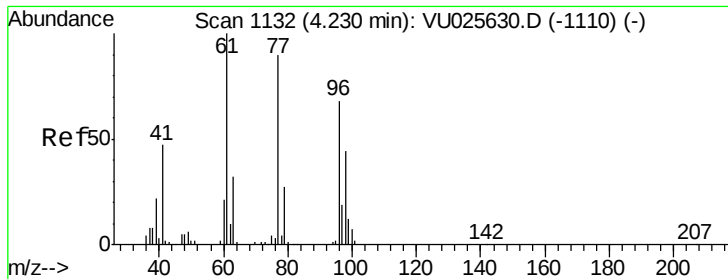
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#20
Methylcyclohexane
Concen: 1.817 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.4	99.6
98	48.8	35.4	53.2





#21

2,2-Dichloropropane

Concen: 2.035 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampled :

VU0725WBSD01

Tot Ion: 77 Resp: 32226

Ion Ratio Lower Upper

77 100

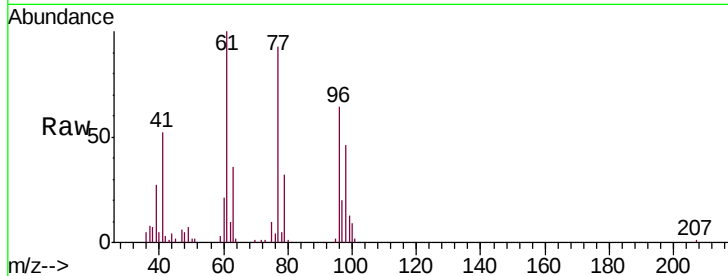
97 21.3 17.9 26.9

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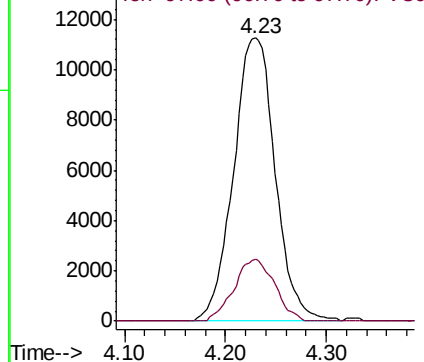
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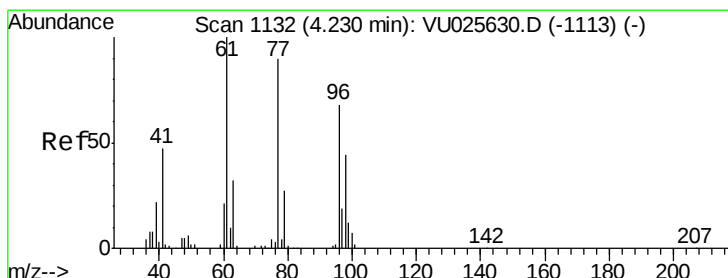
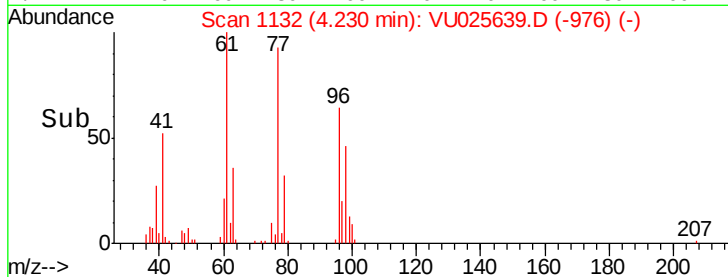
Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



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#22

cis-1,2-Dichloroethene

Concen: 1.938 ug/l

RT: 4.22 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

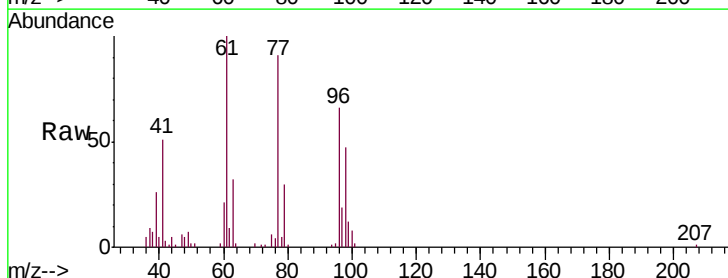
Tgt Ion: 96 Resp: 20428

Ion Ratio Lower Upper

96 100

61 153.4 0.0 400.5

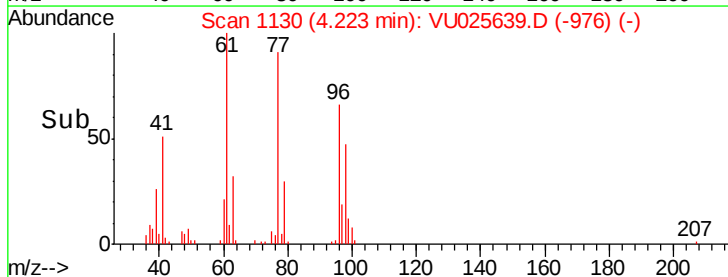
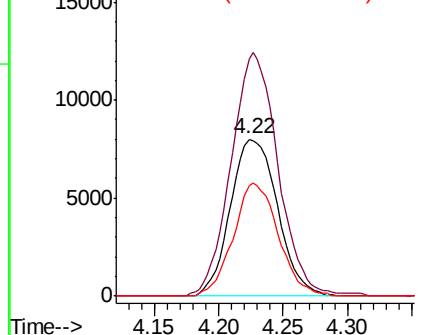
98 68.6 32.2 96.6

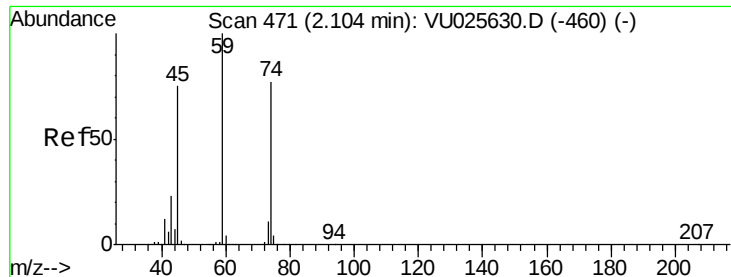


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 1.973 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

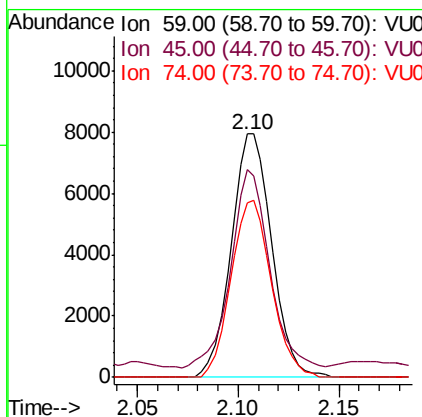
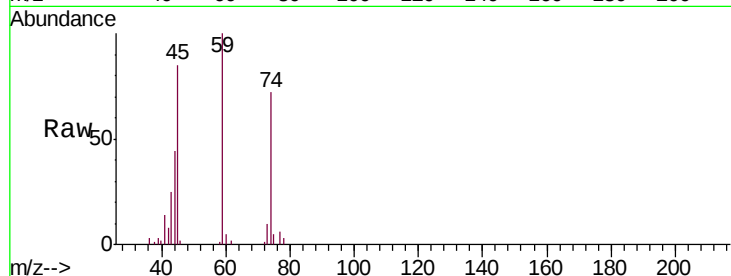
VU0725WBSD01

Tot Ion:	59	Resp:	11159
Ion Ratio	Lower	Upper	
59	100		
45	77.1	60.0	90.0
74	72.3	56.5	84.7

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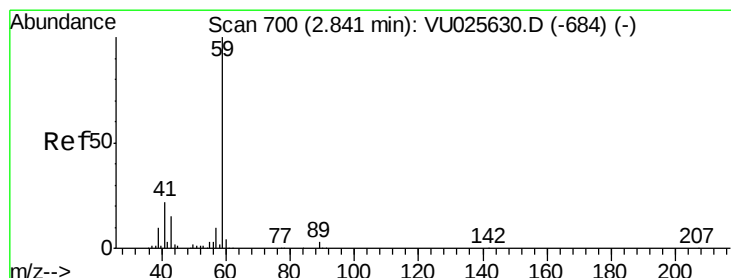
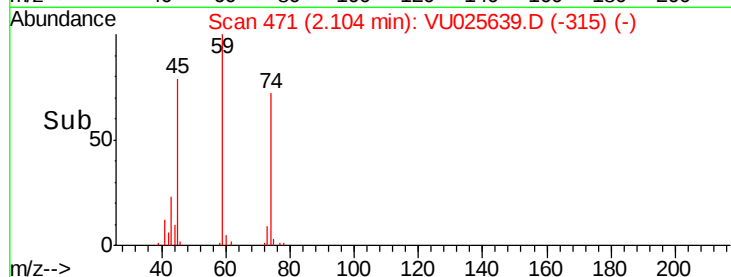
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#24

tert-Butyl Alcohol

Concen: 20.199 ug/l

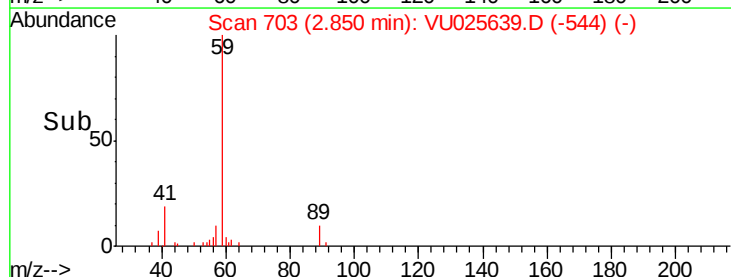
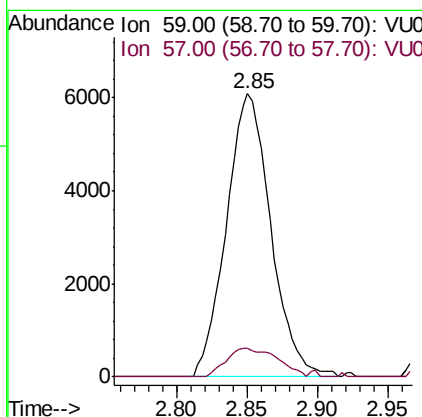
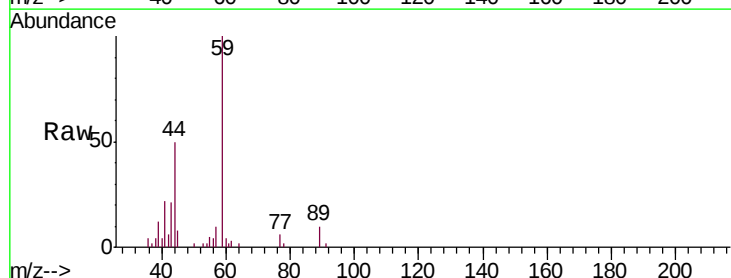
RT: 2.85 min Scan# 703

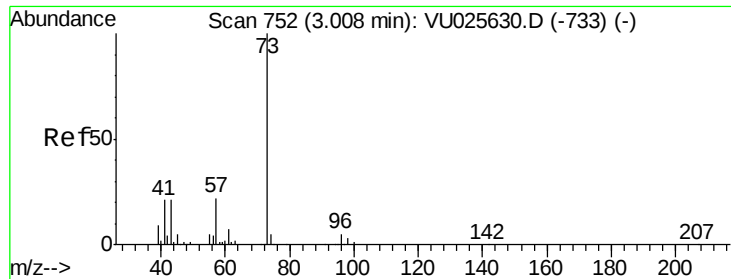
Delta R.T. 0.01 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Tgt Ion:	59	Resp:	13422
Ion Ratio	Lower	Upper	
59	100		
57	11.7	3.4	5.2#





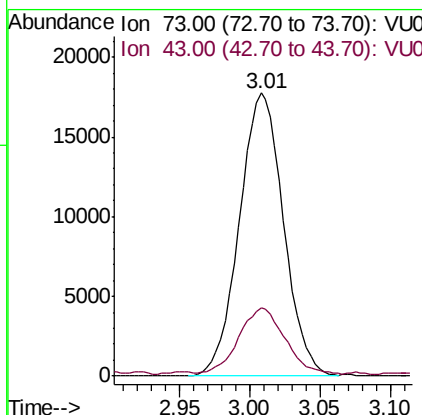
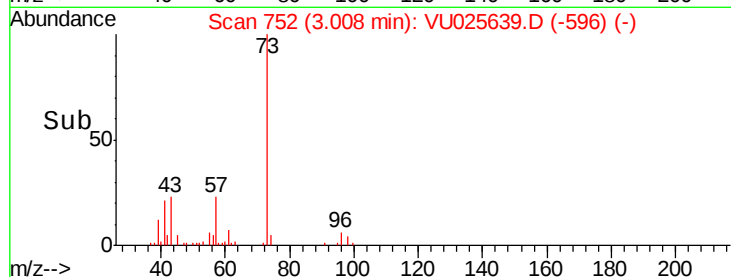
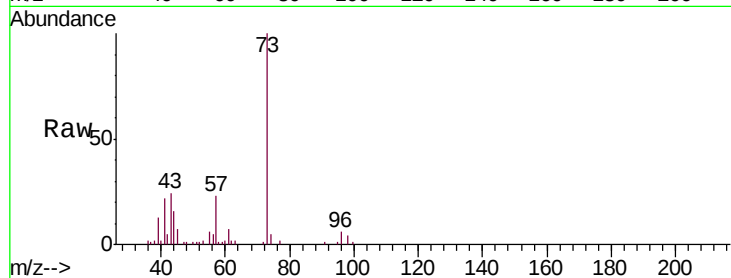
#25
Methvl tert-Butvl Ether
Concen: 1.923 ug/l
RT: 3.01 min Scan# 752
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion: 73 Resp: 38849
Ion Ratio Lower Upper
73 100
43 24.2 16.2 24.2

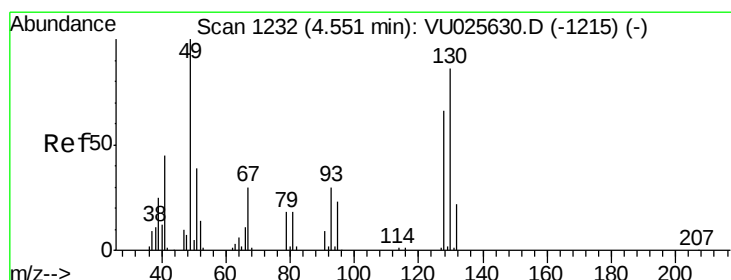
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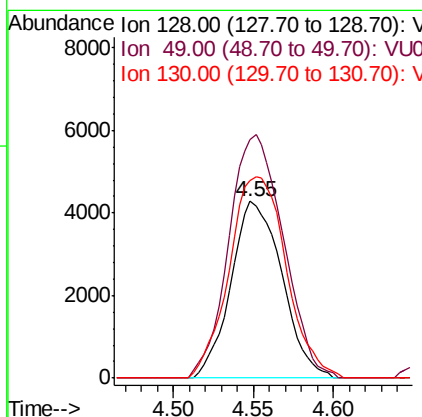
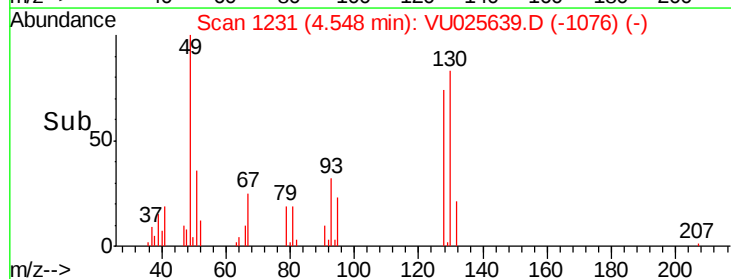
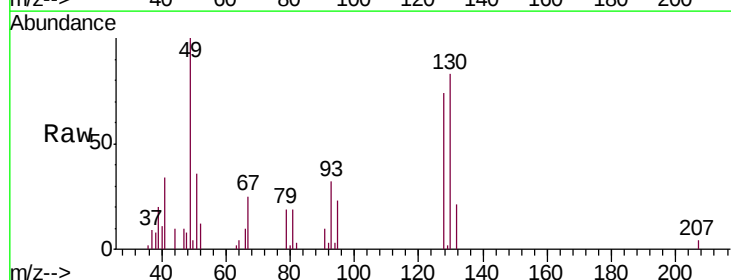
apatel

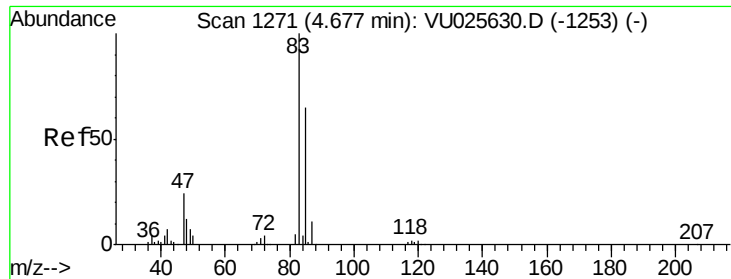
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#26
Bromochloromethane
Concen: 2.013 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion:128 Resp: 9344
Ion Ratio Lower Upper
128 100
49 147.5 0.0 375.2
130 127.8 105.8 158.6





#27

Chloroform

Concen: 1.999 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

Tot Ion: 83 Resp: 36493

Ion Ratio Lower Upper

83 100

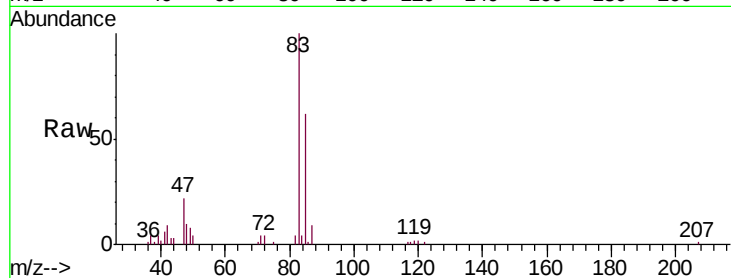
85 62.1 0.0 128.4

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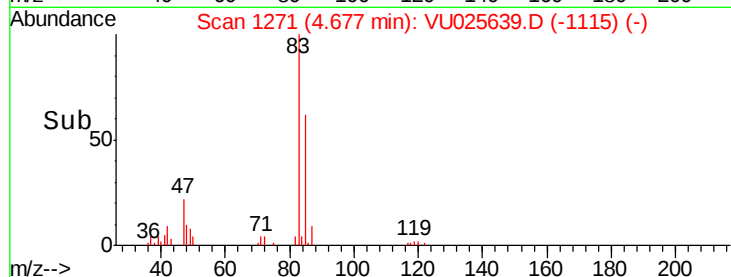
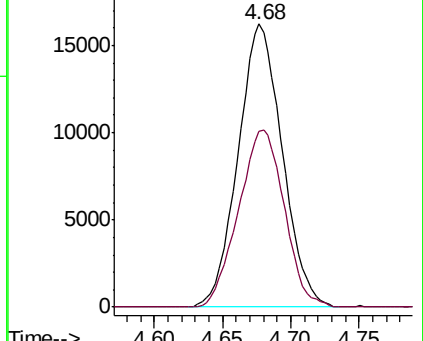
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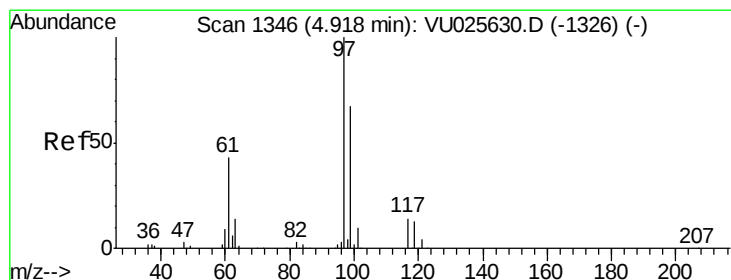
Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



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#28

1,1,1-Trichloroethane

Concen: 1.918 ug/l

RT: 4.91 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

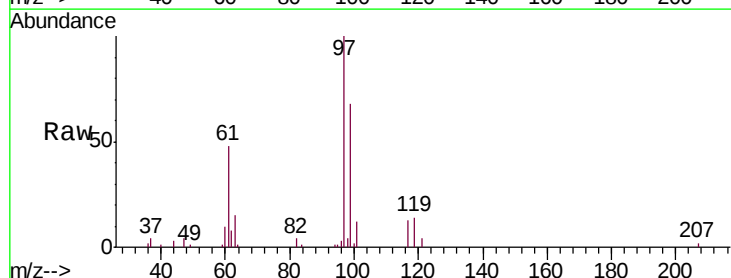
Tgt Ion: 97 Resp: 31565

Ion Ratio Lower Upper

97 100

99 67.5 32.3 96.9

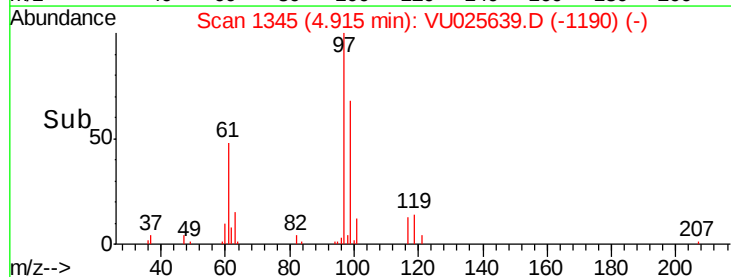
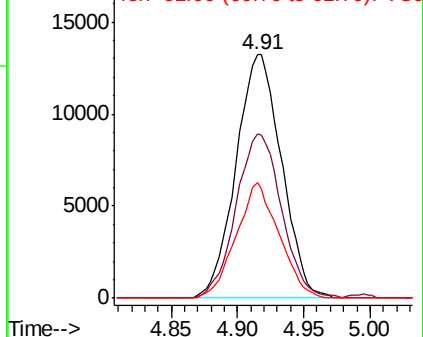
61 44.6 23.2 69.5

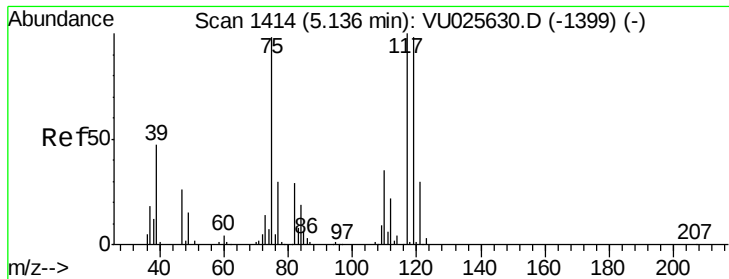


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





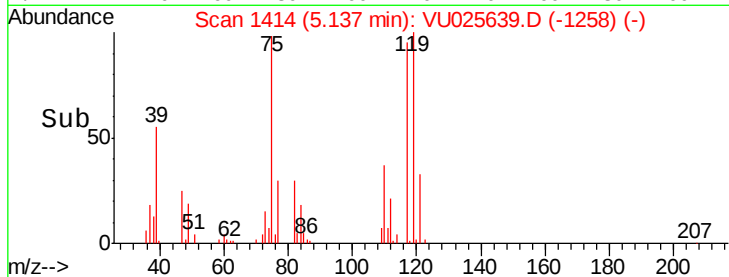
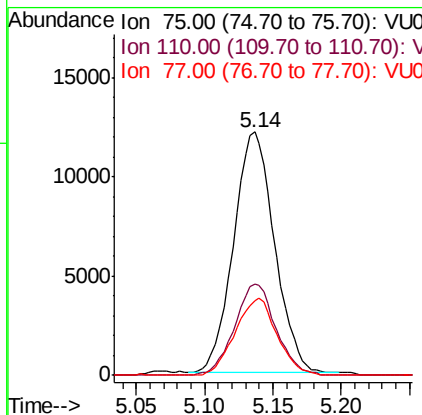
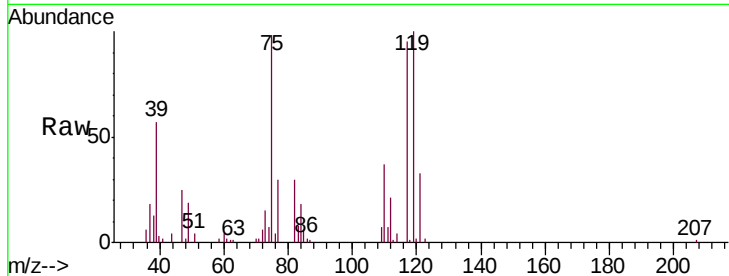
#29
 1,1-Dichloropropene
 Concen: 1.879 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampled :
 VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.1	16.9	50.7
77	32.6	24.8	37.2

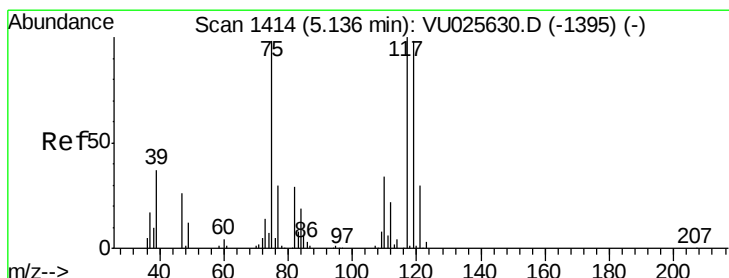
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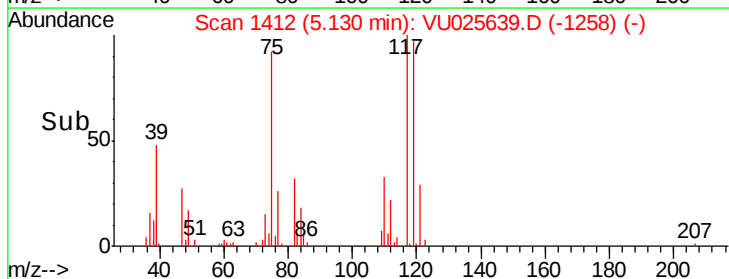
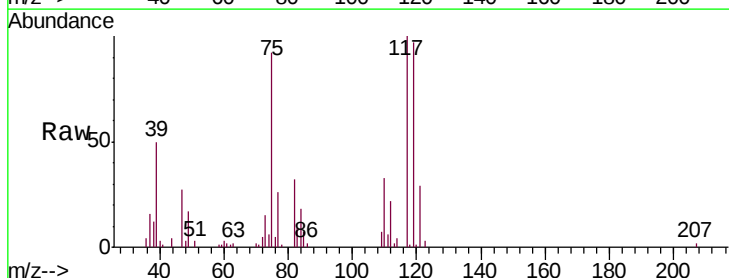
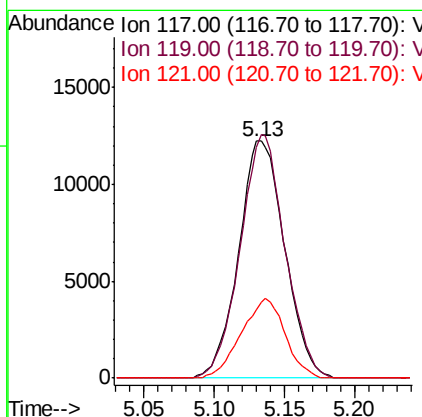
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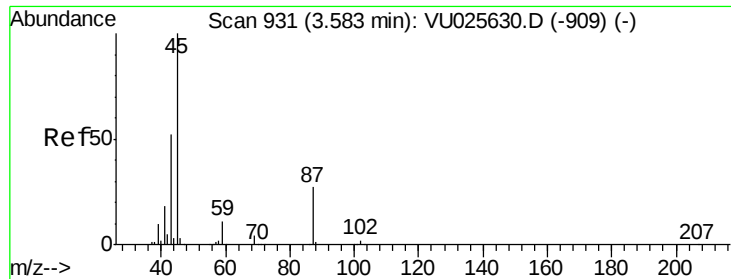
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#30
 Carbon Tetrachloride
 Concen: 1.868 ug/l
 RT: 5.13 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.3	115.9
121	28.9	24.5	36.7





#31

Isopropyl Ether

Concen: 1.961 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampled :

VU0725WBSD01

Tot Ion: 45 Resp: 52178

Ion Ratio Lower Upper

45 100

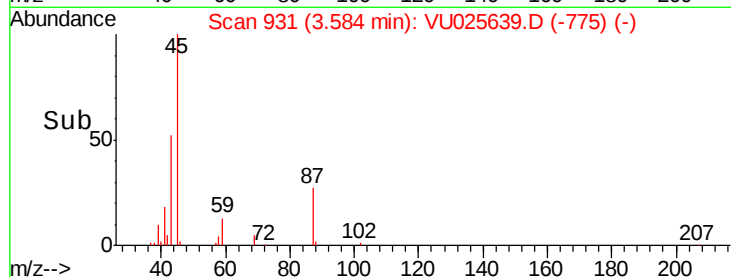
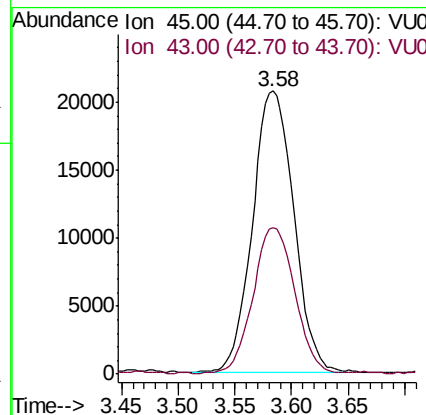
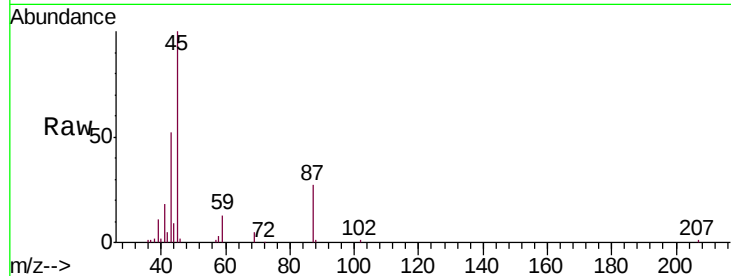
43 51.9 24.0 72.0

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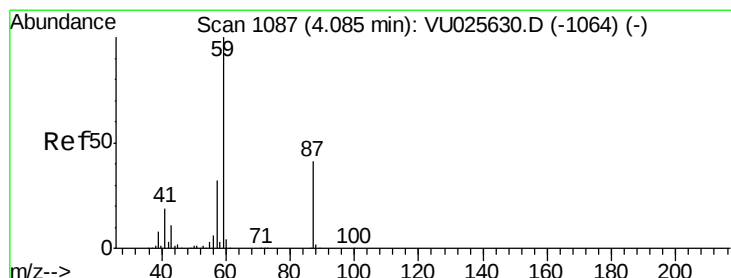
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#32

Ethyl-t-butyl ether

Concen: 1.936 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VU025639.D

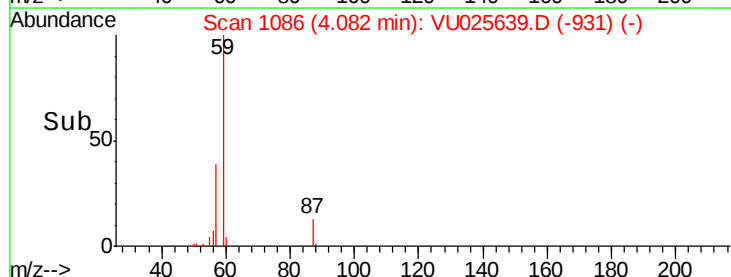
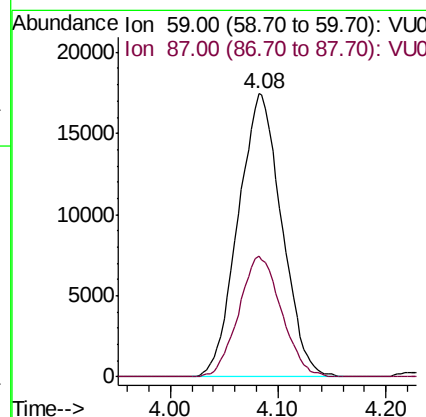
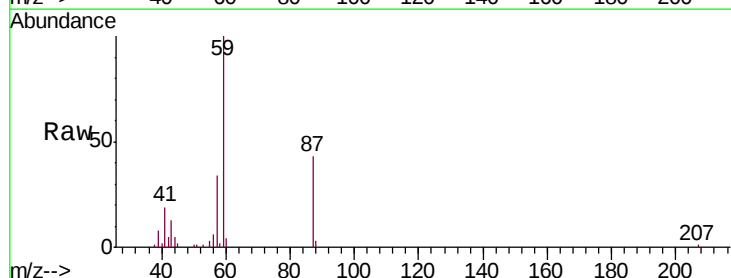
Acq: 25 Jul 2018 18:41

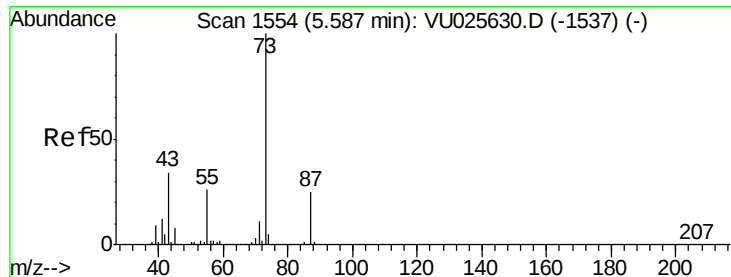
Tgt Ion: 59 Resp: 48967

Ion Ratio Lower Upper

59 100

87 41.7 31.0 46.6





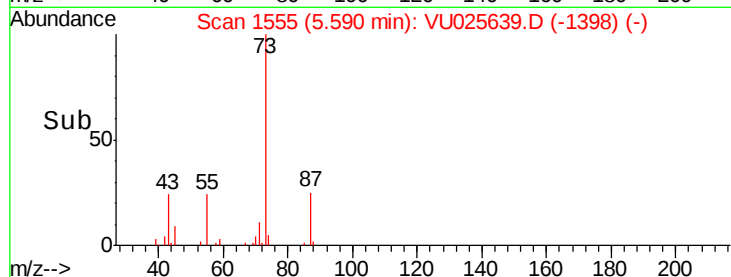
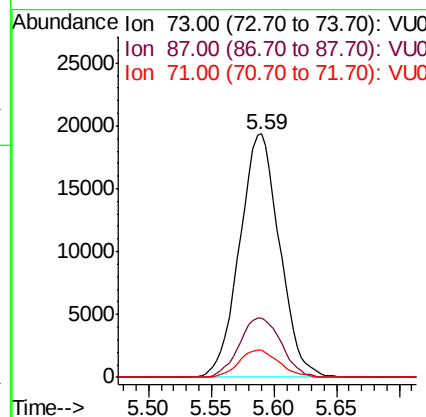
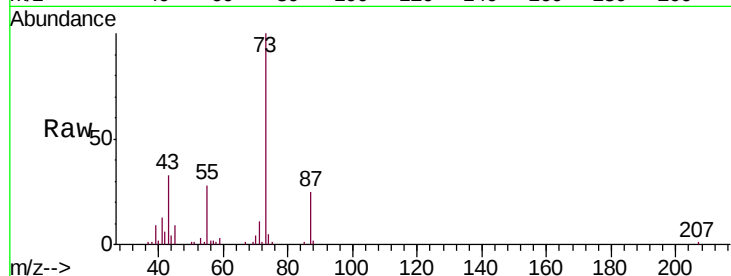
#33
Tert-Butyl methyl ether
Concen: 1.918 ug/l
RT: 5.59 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.5	18.6	28.0
71	11.3	9.3	13.9

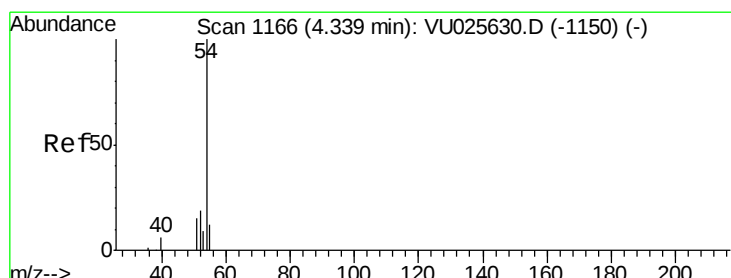
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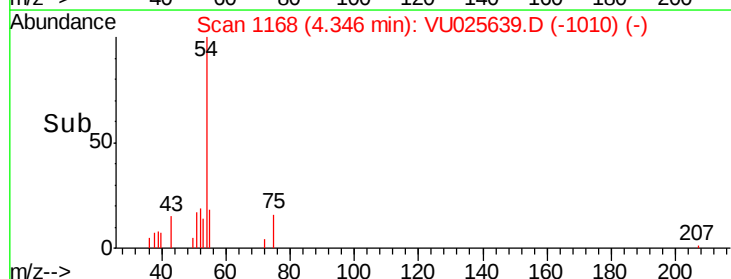
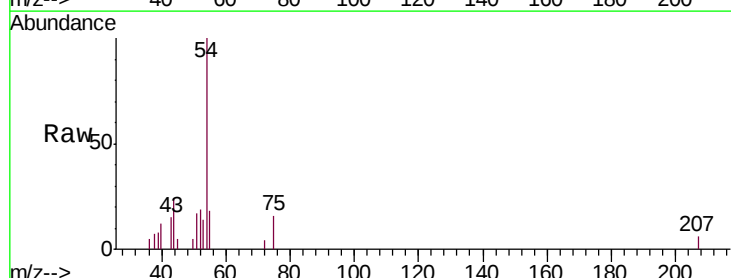
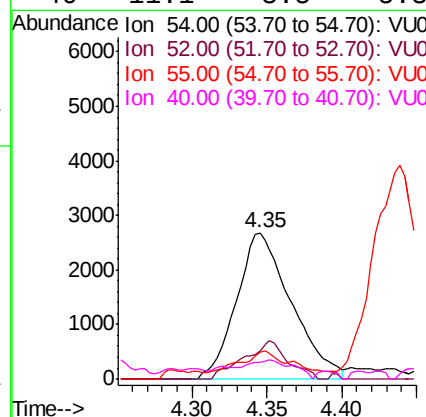
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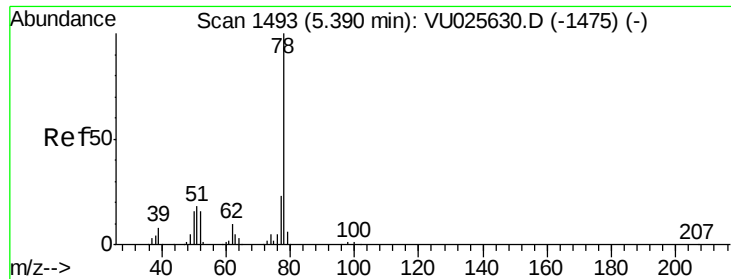
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#34
Propionitrile
Concen: 9.867 ug/l
RT: 4.35 min Scan# 1168
Delta R.T. 0.01 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.7	13.7	20.5#
55	9.2	10.2	15.2#
40	11.1	3.5	5.3#





#35

Benzene

Concen: 1.965 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampled :

VU0725WBSD01

Tot Ion: 78 Resp: 74174

Ion Ratio Lower Upper

78 100

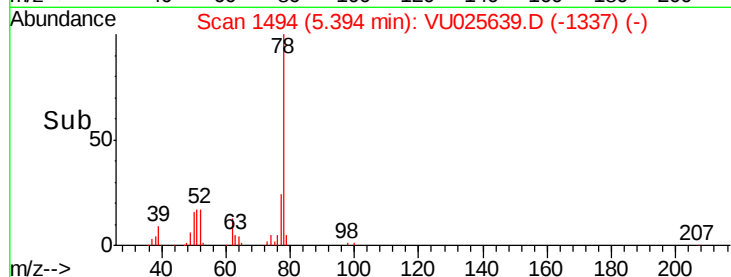
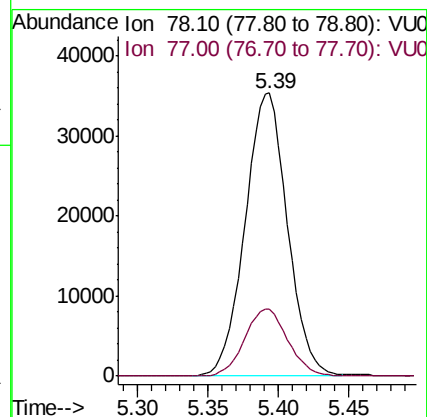
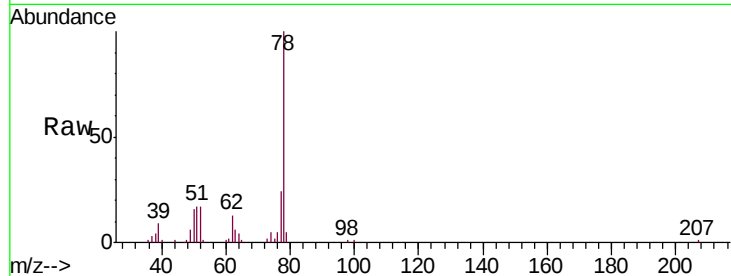
77 23.8 19.1 28.7

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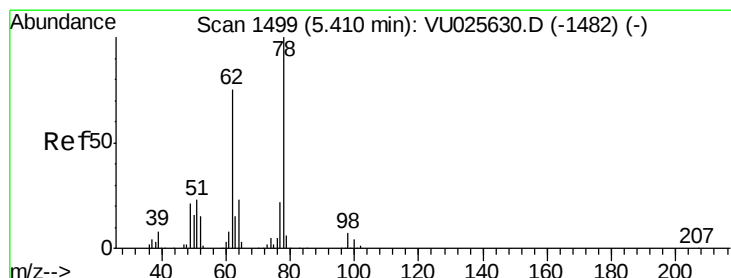
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#36

1,2-Dichloroethane

Concen: 1.987 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025639.D

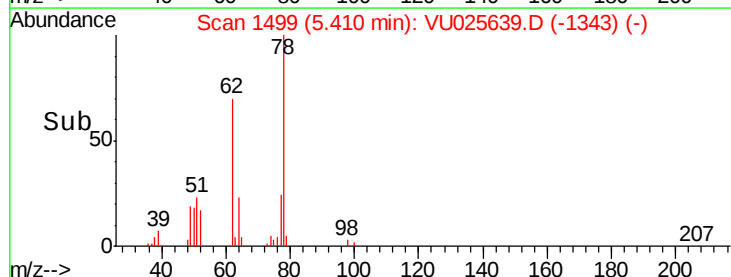
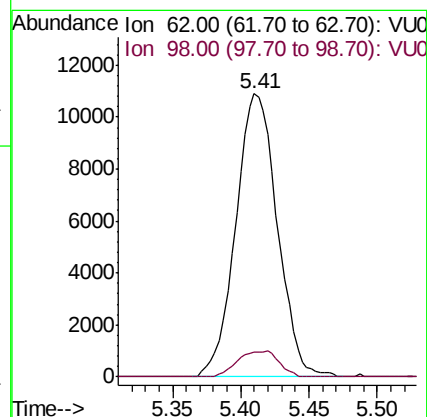
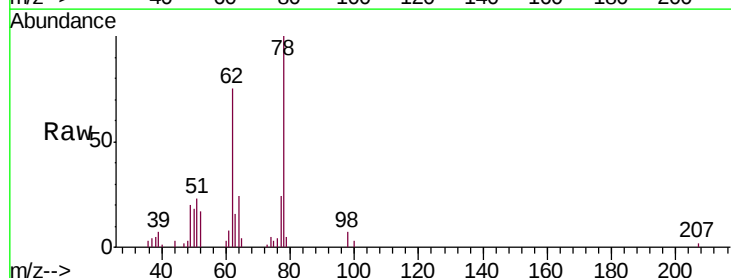
Acq: 25 Jul 2018 18:41

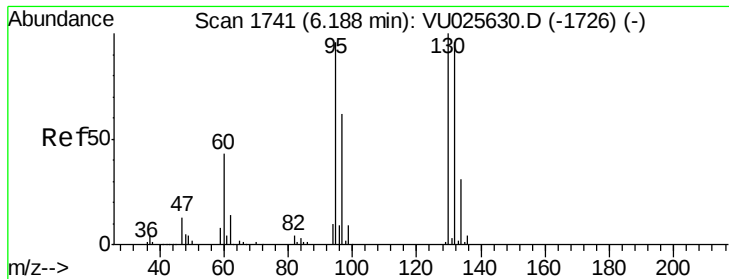
Tgt Ion: 62 Resp: 23026

Ion Ratio Lower Upper

62 100

98 9.1 7.2 10.8





#37

Trichloroethene

Concen: 1.993 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

Tot Ion:130 Resp: 22160

Ion Ratio Lower Upper

130 100

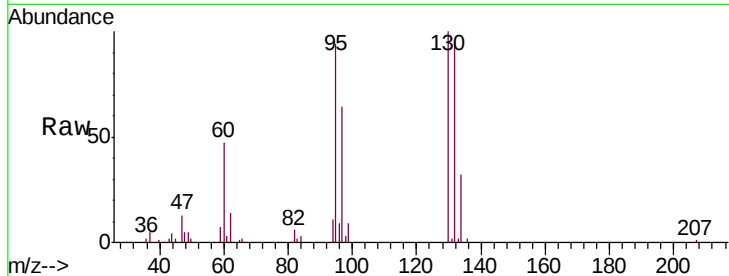
95 93.9 77.9 116.9

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Abundance Ion 129.90 (129.60 to 130.60): VU025630.D (-1726) (-)

Ion 94.90 (94.60 to 95.60): VU025630.D (-1726) (-)

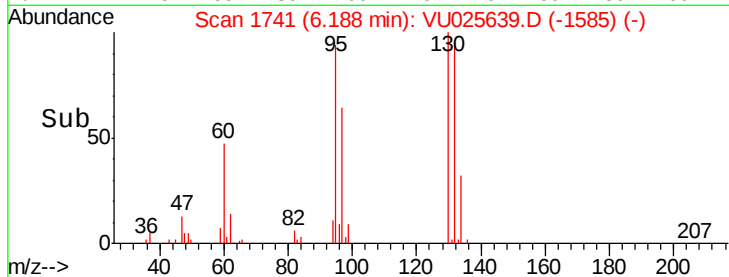
6.19

10000

5000

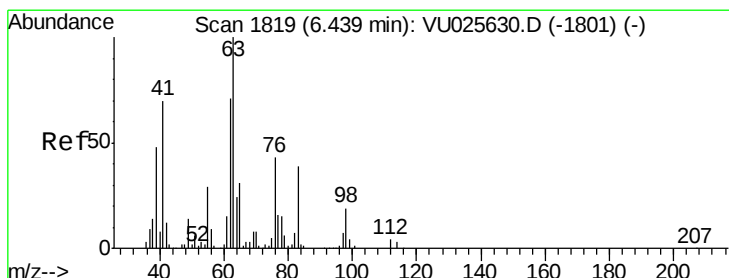
0

Time--> 6.10 6.15 6.20 6.25



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#38

1,2-Dichloropropane

Concen: 1.969 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025639.D

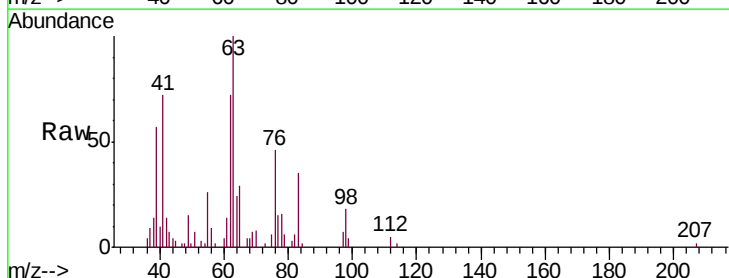
Acq: 25 Jul 2018 18:41

Tgt Ion: 63 Resp: 19284

Ion Ratio Lower Upper

63 100

65 29.0 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU025630.D (-1801) (-)

Ion 65.00 (64.70 to 65.70): VU025630.D (-1801) (-)

6.44

10000

8000

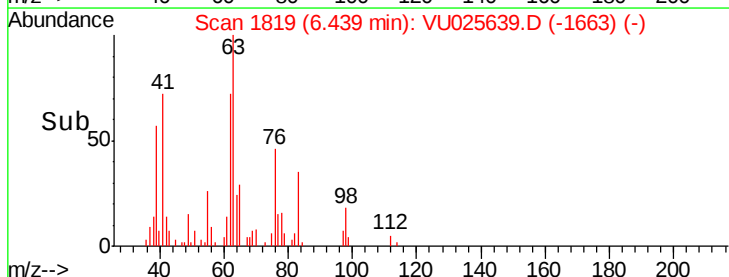
6000

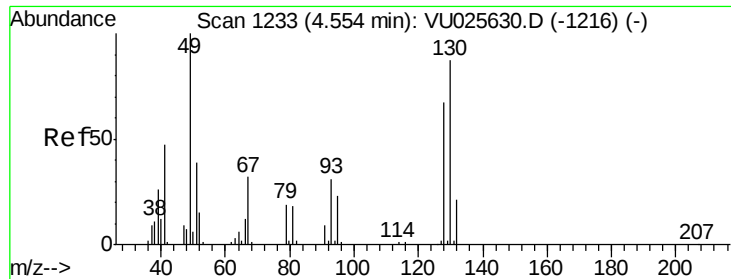
4000

2000

0

Time--> 6.35 6.40 6.45 6.50





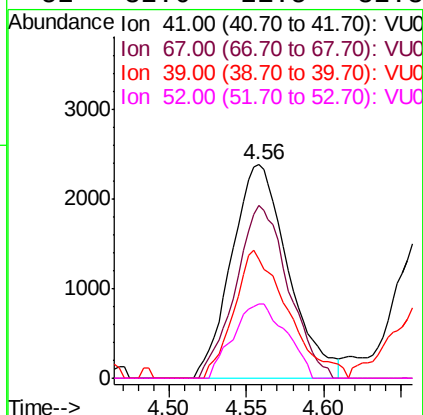
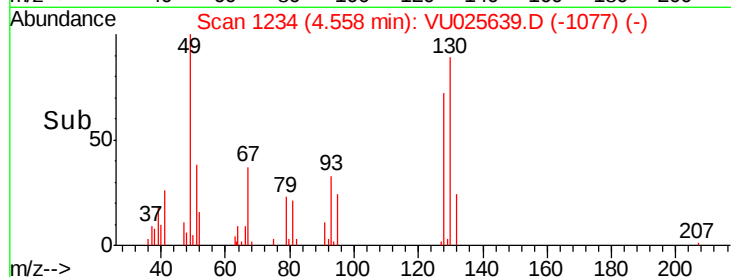
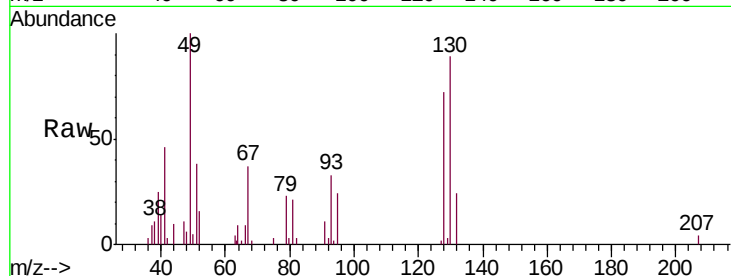
#39
Methacrylonitrile
Concen: 1.903 ug/l
RT: 4.56 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
67	75.2	51.3	76.9
39	56.7	40.6	60.8
52	32.6	21.5	32.3#

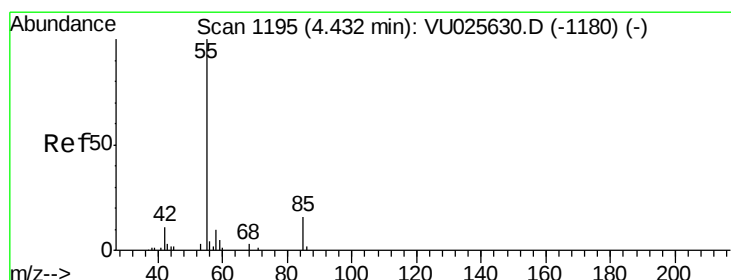
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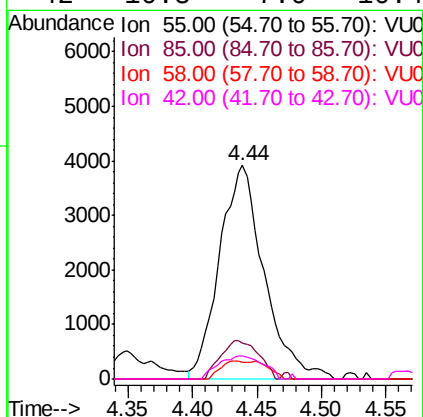
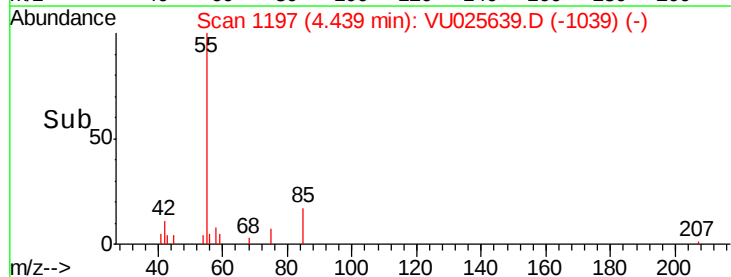
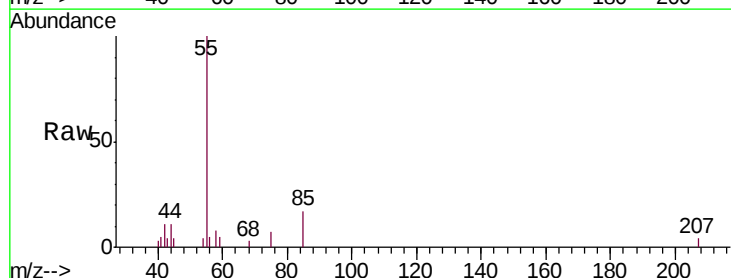
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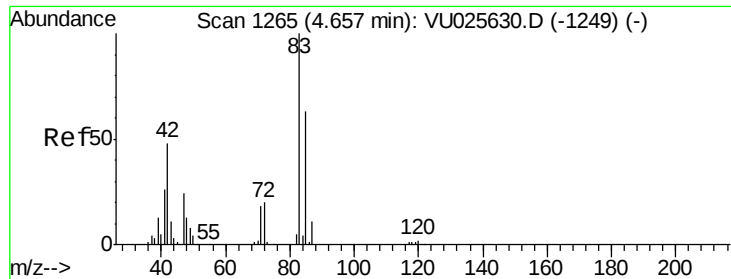
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#40
Methyl acrylate
Concen: 1.965 ug/l
RT: 4.44 min Scan# 1197
Delta R.T. 0.01 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
55	100		
85	15.2	12.3	18.5
58	4.8	7.0	10.6#
42	10.8	7.0	10.4#





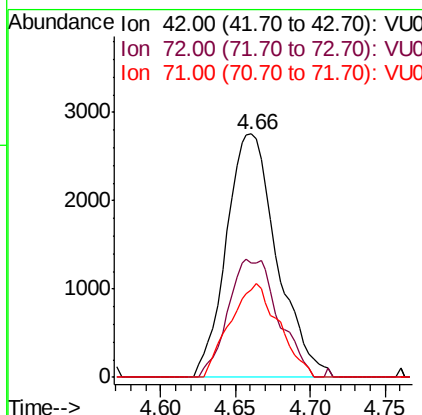
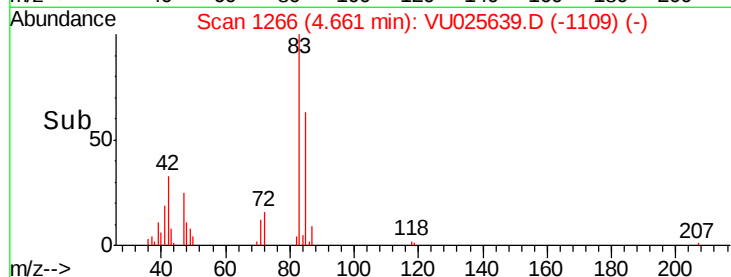
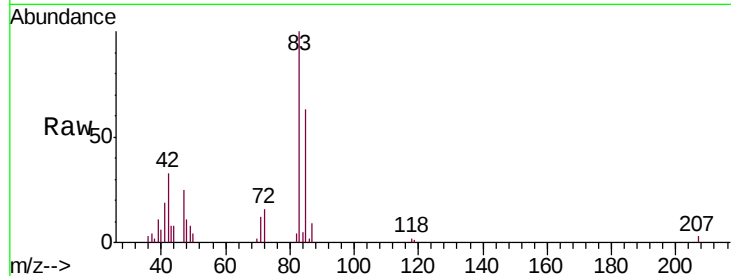
#41
Tetrahydrofuran
Concen: 3.454 ug/l
RT: 4.66 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampled :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.0	33.2	49.8
71	37.2	29.8	44.8

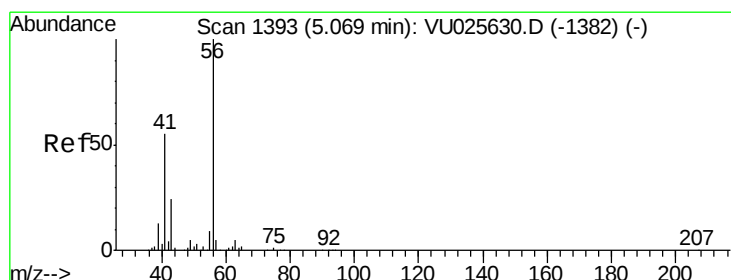
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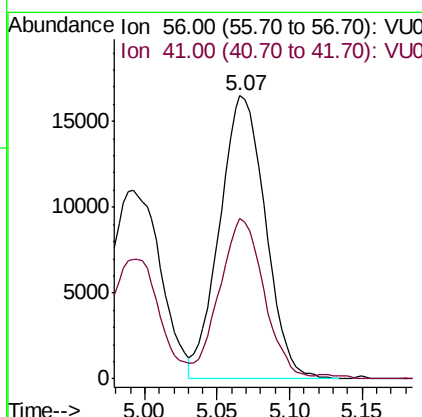
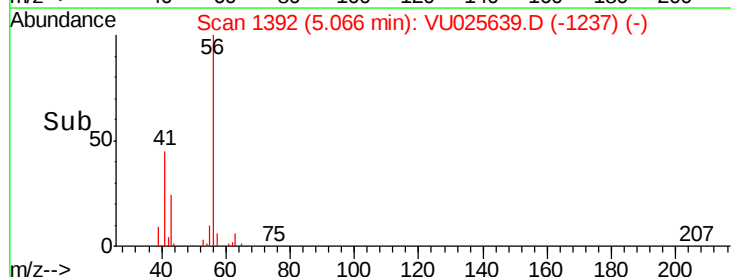
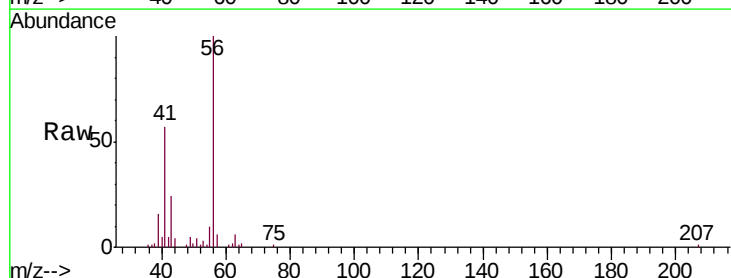
apatel

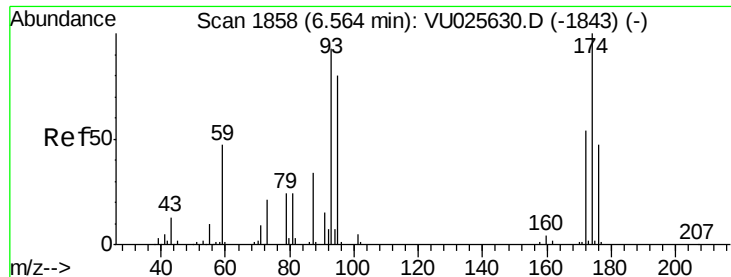
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#42
1-Chlorobutane
Concen: 1.965 ug/l
RT: 5.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
56	100		
41	53.8	27.5	82.5





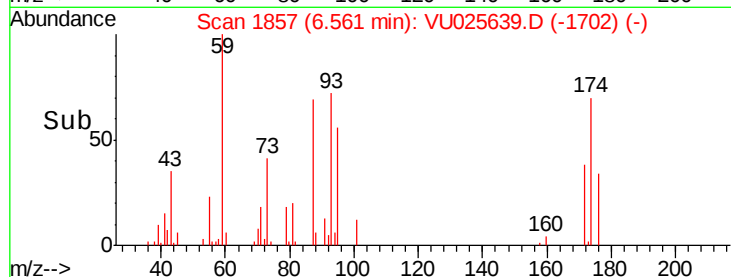
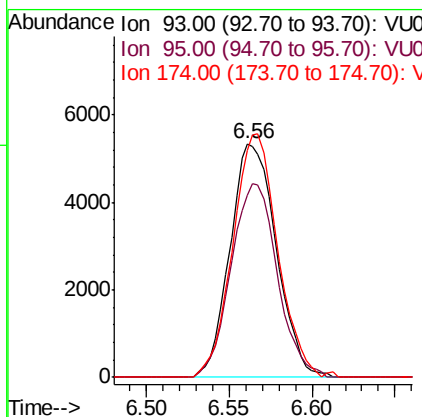
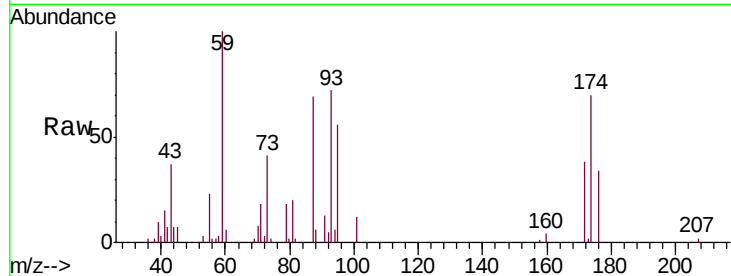
#43
Dibromomethane
Concen: 2.026 ug/l
RT: 6.56 min Scan# 1857
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
95	82.9	67.2	100.8	
174	100.5	82.8	124.2	

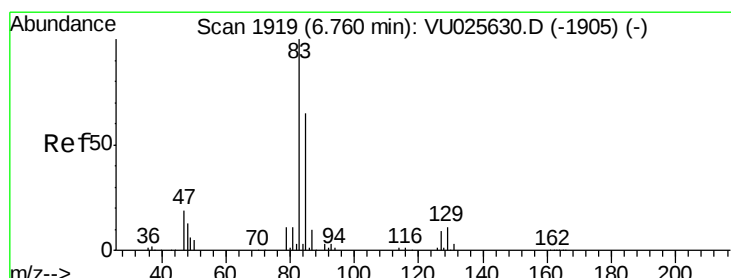
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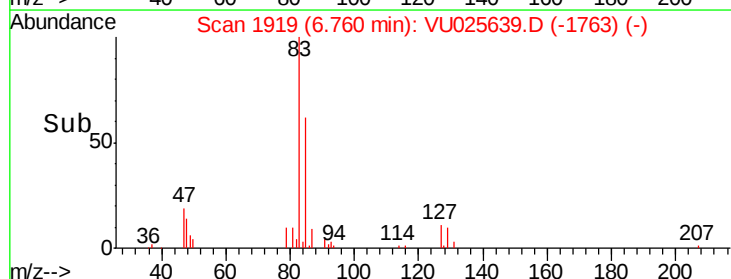
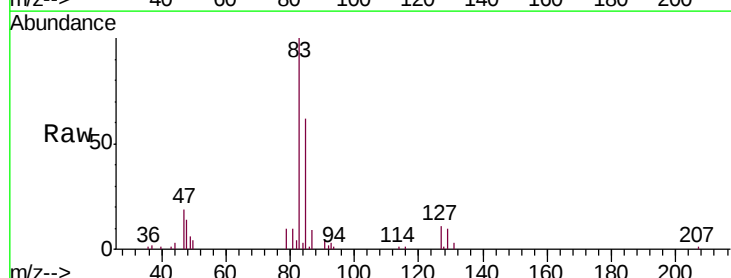
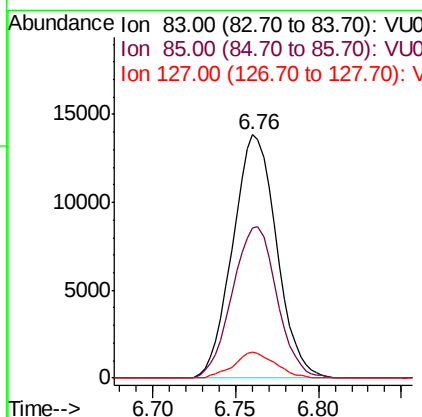
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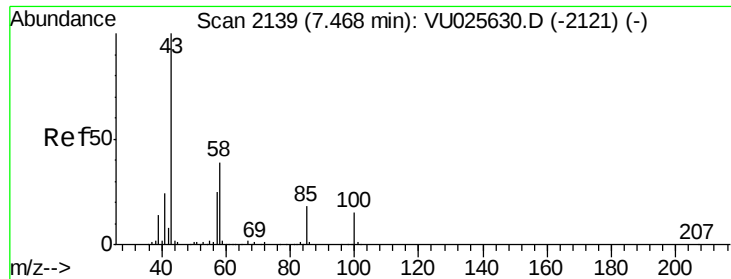
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#44
Bromodichloromethane
Concen: 1.967 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
85	61.8	52.2	78.4	
127	10.6	7.0	10.4	





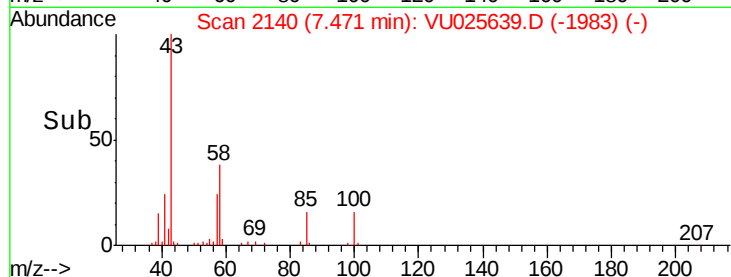
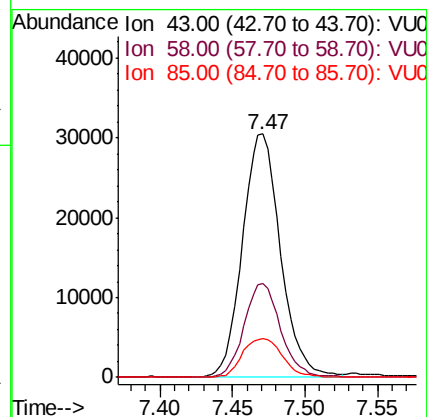
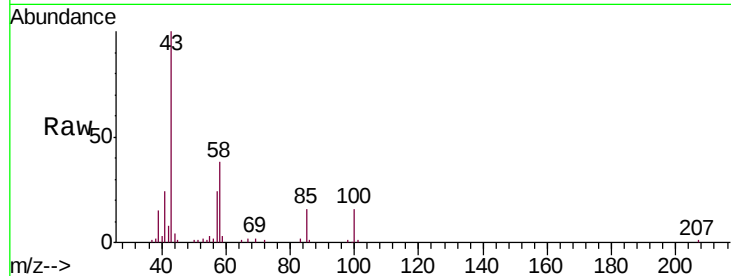
#45
4-Methyl-2-Pentanone
Concen: 9.778 ug/l
RT: 7.47 min Scan# 2140
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampled :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.0	18.8	56.4
85	16.7	12.6	19.0

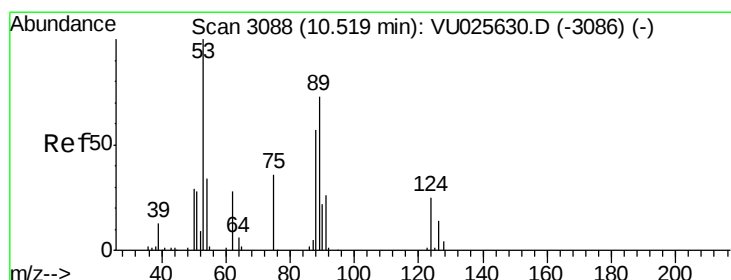
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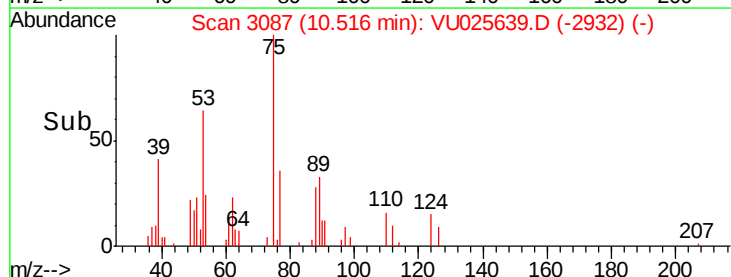
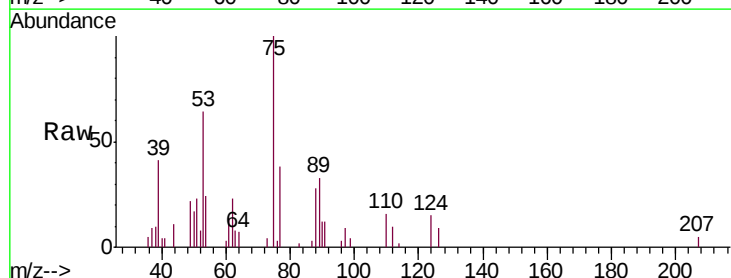
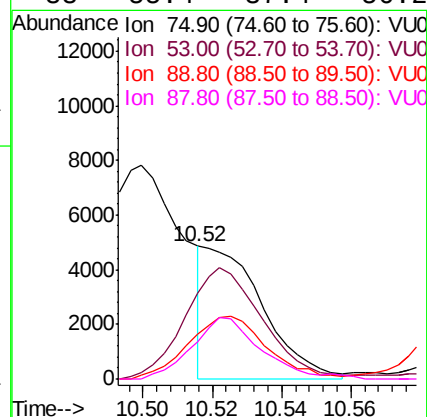
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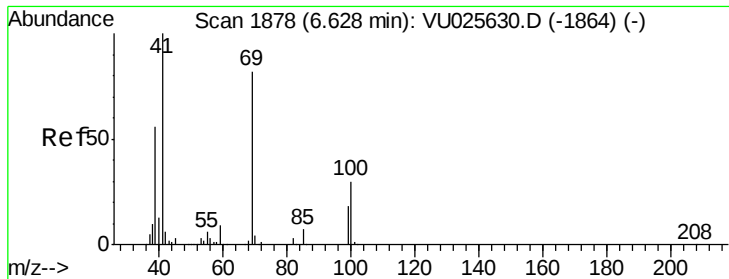
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#46
t-1,4-Dichloro-2-butene
Concen: 3.646 ug/l m
RT: 10.52 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
53	113.3	82.2	123.4
89	64.0	51.3	76.9
88	55.4	37.4	56.2





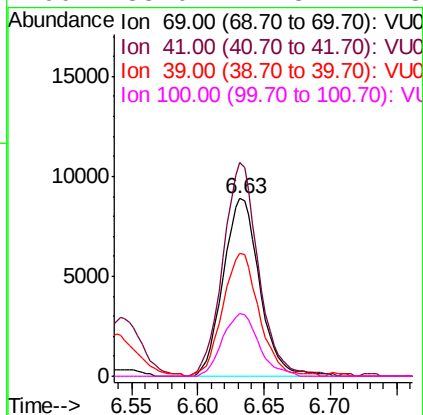
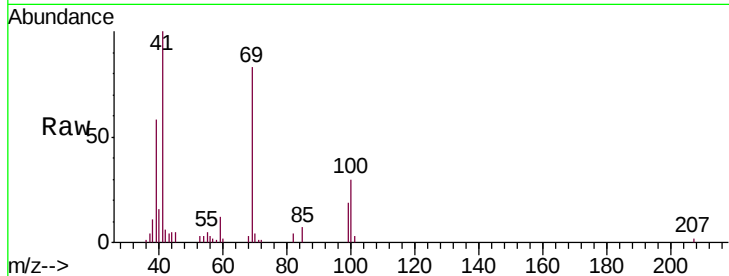
#47
Methyl methacrylate
Concen: 3.977 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	117.6	0.0	245.4	
39	68.8	49.0	73.4	
100	35.0	27.8	41.8	

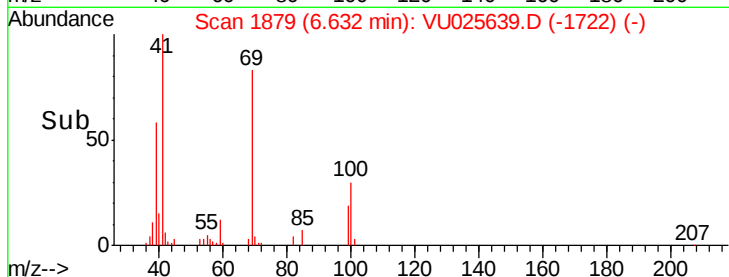
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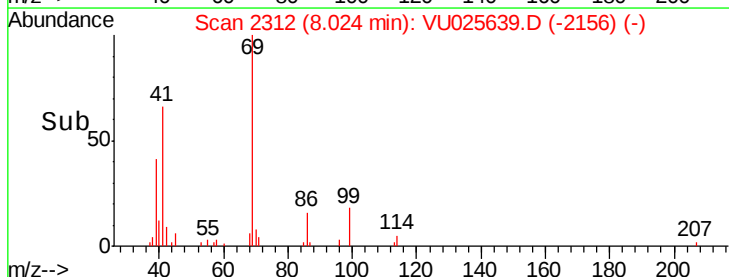
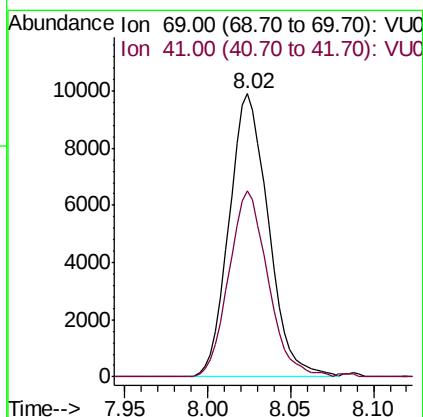
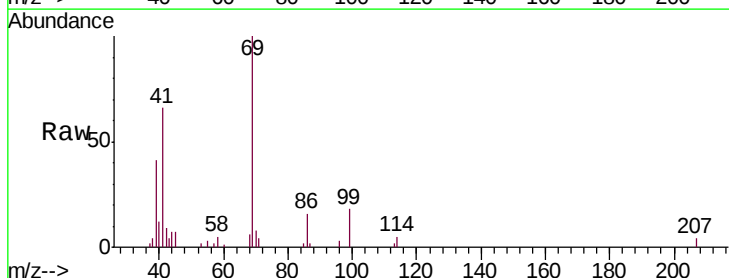
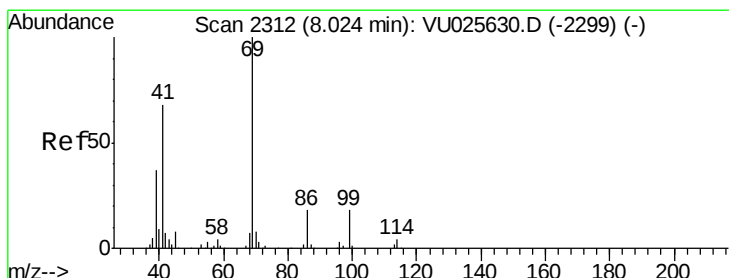
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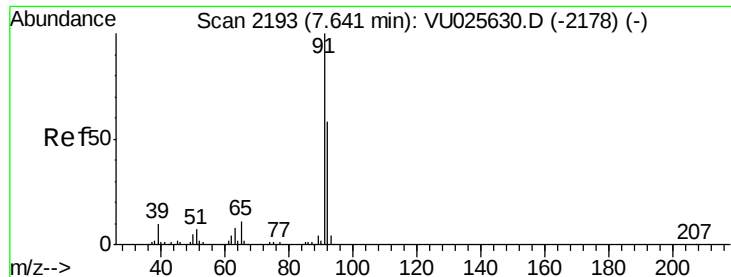
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#48
Ethyl methacrylate
Concen: 1.902 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	65.4	34.2	102.5	





#49

Toluene

Concen: 1.885 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

Tot Ion: 92 Resp: 43481

Ion Ratio Lower Upper

92 100

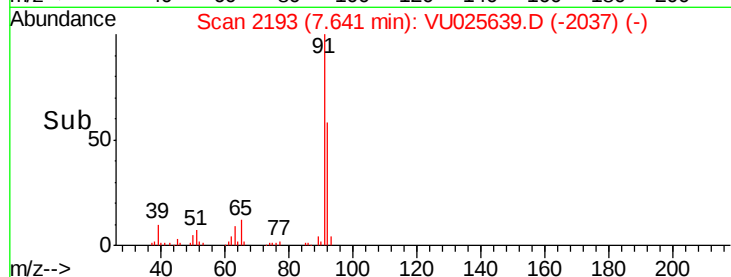
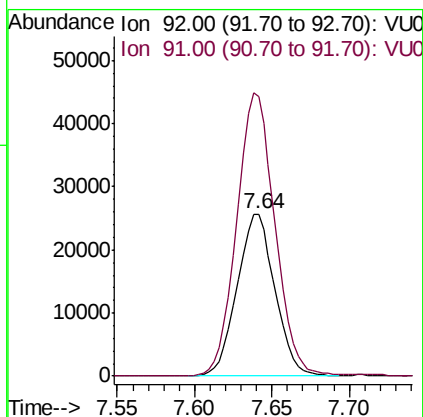
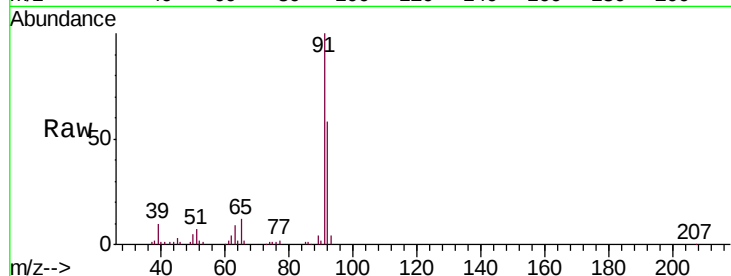
91 177.0 137.1 205.7

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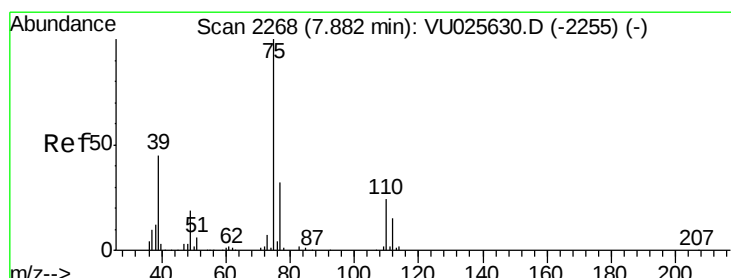
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#50

t-1,3-Dichloropropene

Concen: 1.903 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025639.D

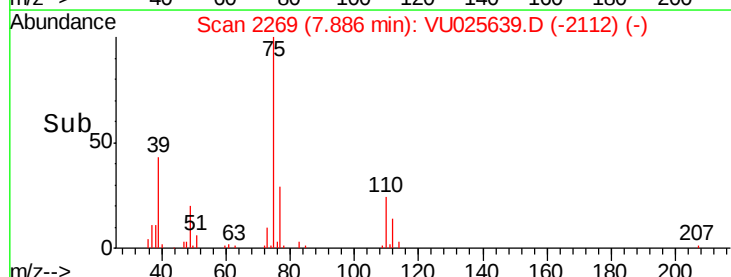
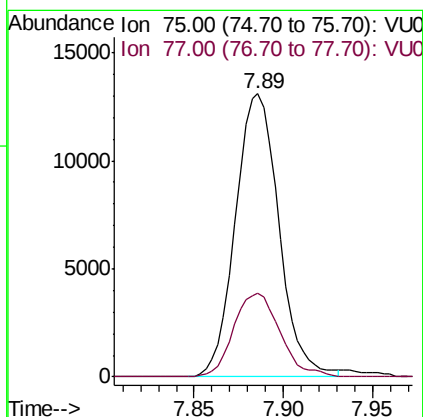
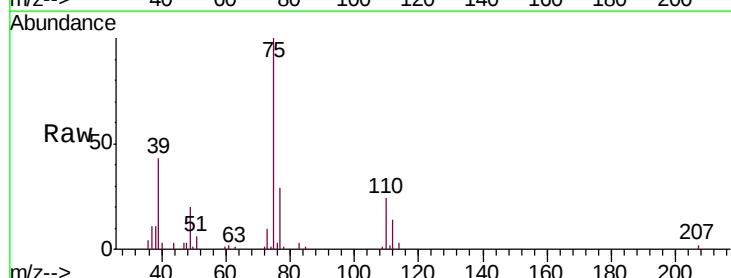
Acq: 25 Jul 2018 18:41

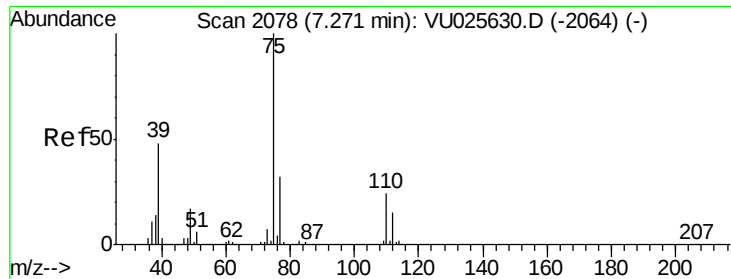
Tgt Ion: 75 Resp: 22254

Ion Ratio Lower Upper

75 100

77 29.4 25.2 37.8





#51

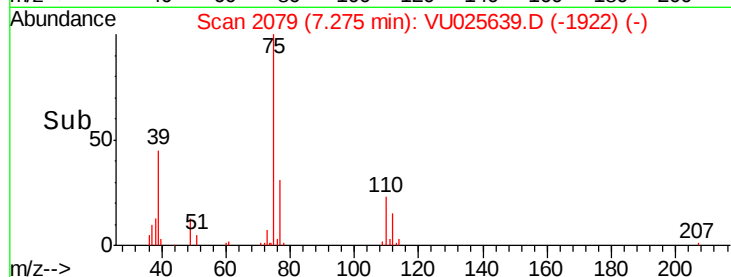
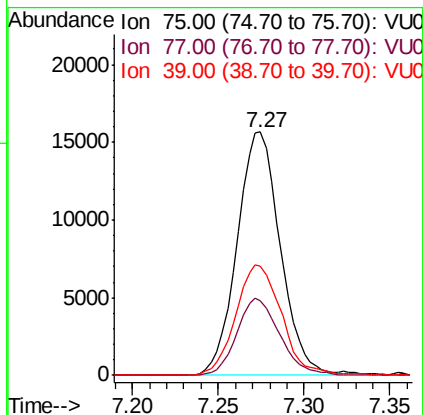
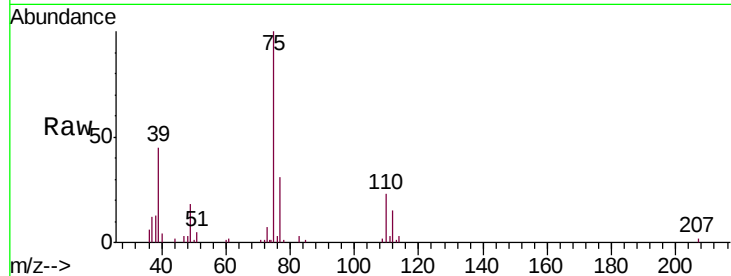
cis-1,3-Dichloropropene
Concen: 1.950 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion:	75	Resp:	27325
Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.2	37.8
39	44.7	36.4	54.6

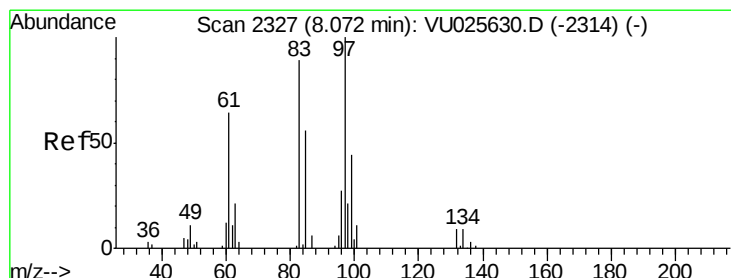
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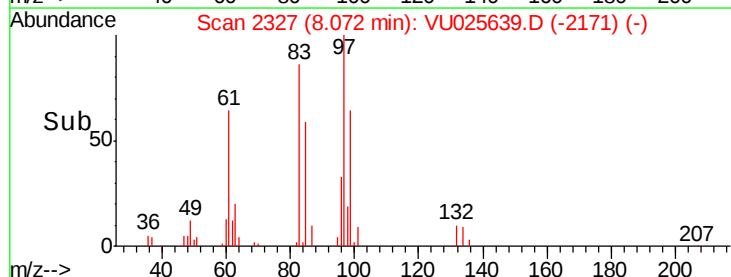
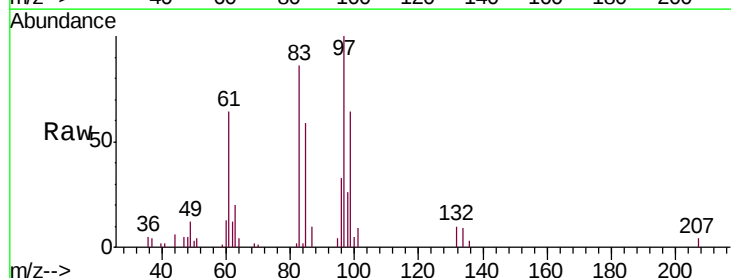
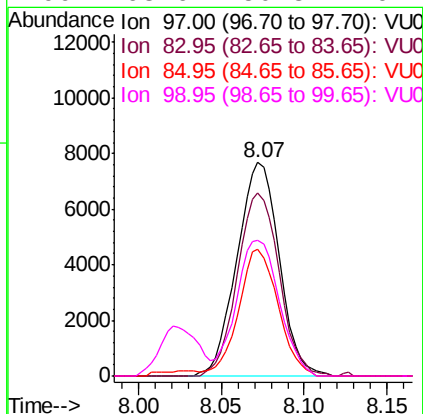
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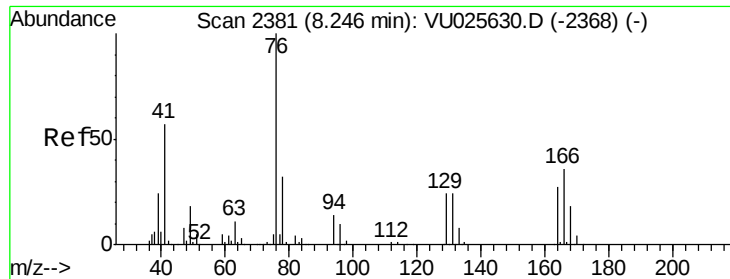


#52

1,1,2-Trichloroethane
Concen: 1.987 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion:	97	Resp:	13615
Ion	Ratio	Lower	Upper
97	100		
83	85.5	72.6	109.0
85	59.2	47.2	70.8
99	63.6	50.8	76.2





#53

1,3-Dichloropropane

Concen: 1.928 ug/l

RT: 8.25 min Scan# 2382

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Tot Ion: 76 Resp: 22314

Ion Ratio Lower Upper

76 100

78 34.1 25.7 38.5

Instrument :

MSVOA_U

ClientSampleId :

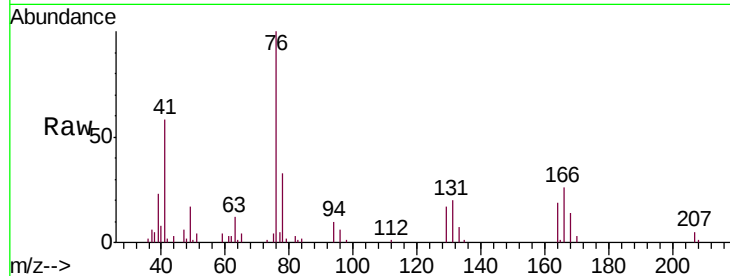
VU0725WBSD01

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Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

15000

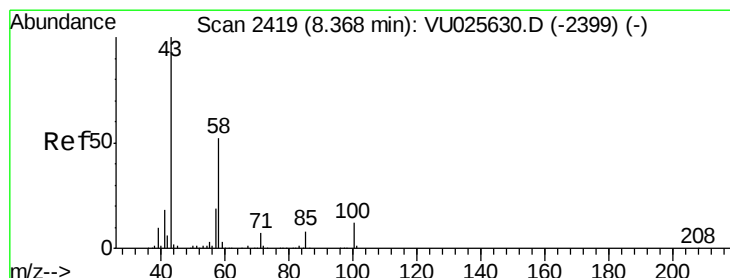
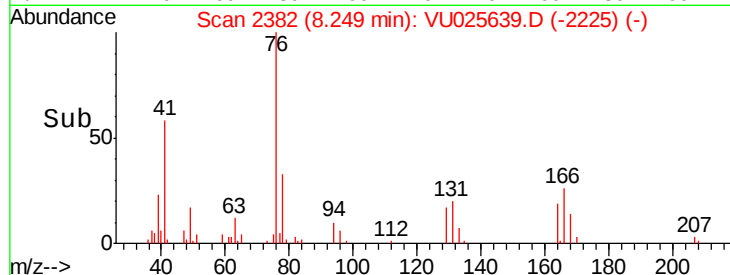
10000

5000

0

8.20 8.25 8.30

Time-->



#54

2-Hexanone

Concen: 9.565 ug/l

RT: 8.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

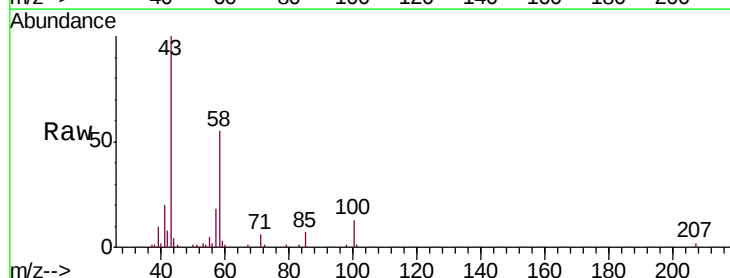
Tgt Ion: 43 Resp: 38512

Ion Ratio Lower Upper

43 100

58 50.5 32.5 72.5

57 17.3 0.0 37.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

30000

25000

20000

15000

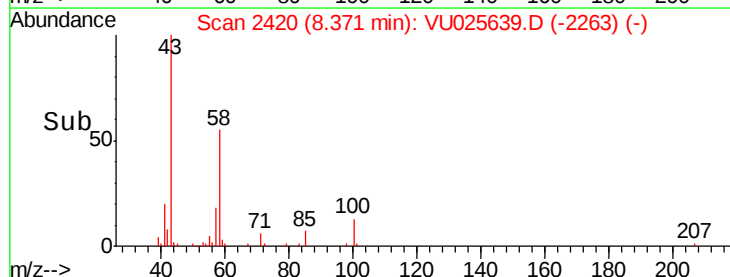
10000

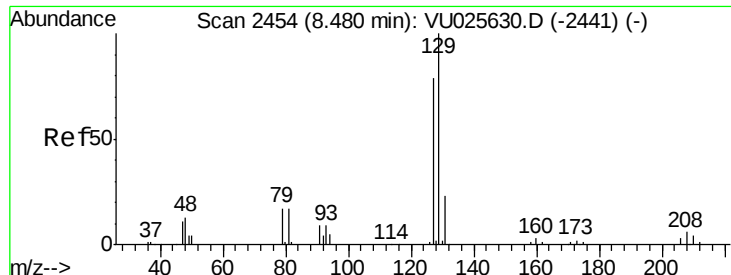
5000

0

8.30 8.35 8.40 8.45

Time-->





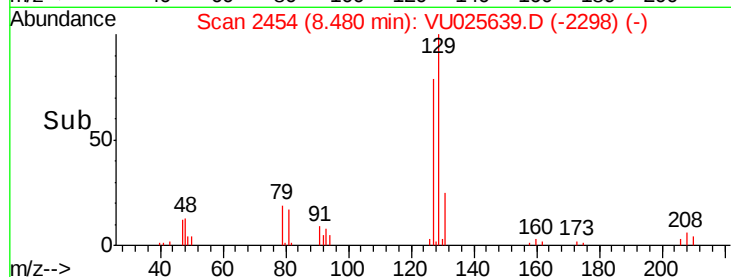
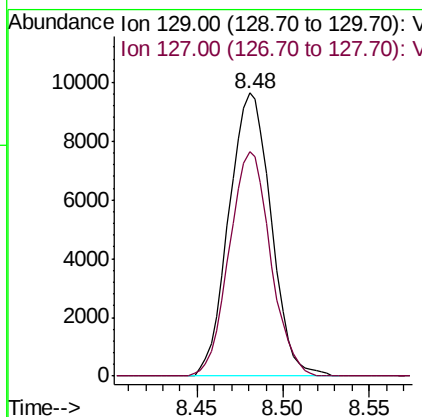
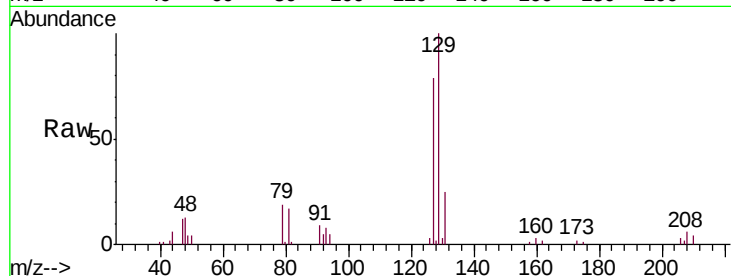
#55
 Dibromochloromethane
 Concen: 1.885 ug/l
 RT: 8.48 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampled :
 VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.5	61.1	91.7

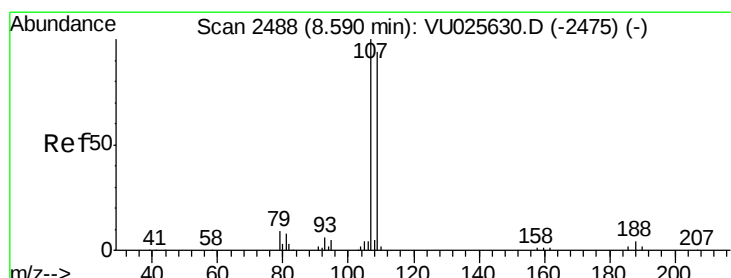
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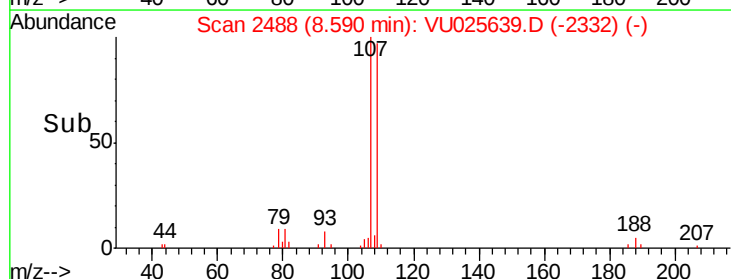
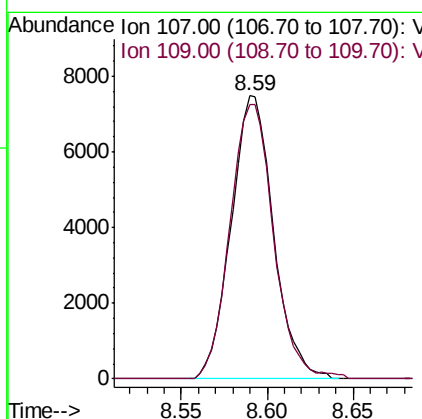
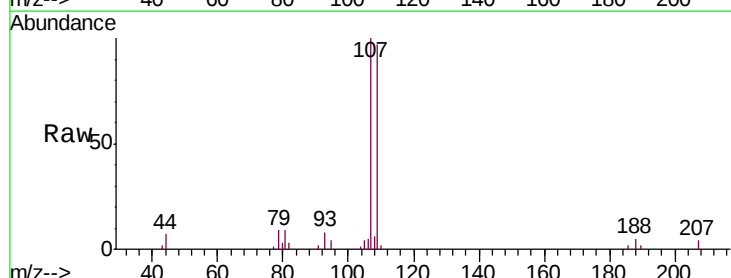
apatel

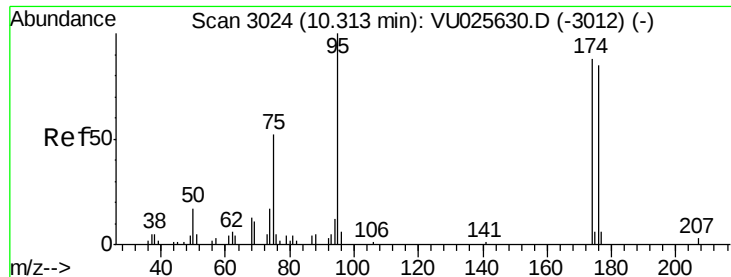
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#56
 1,2-Dibromoethane
 Concen: 1.929 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
107	100		
109	99.7	0.0	189.0





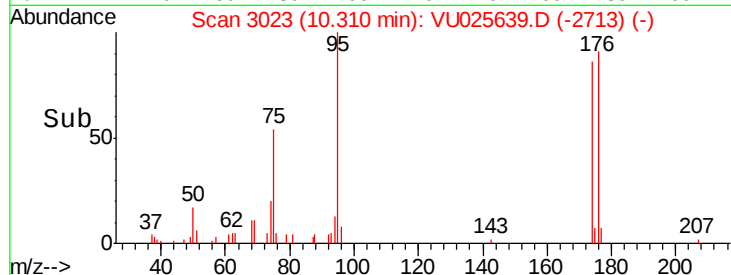
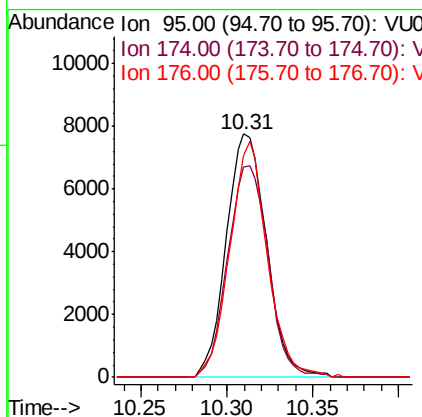
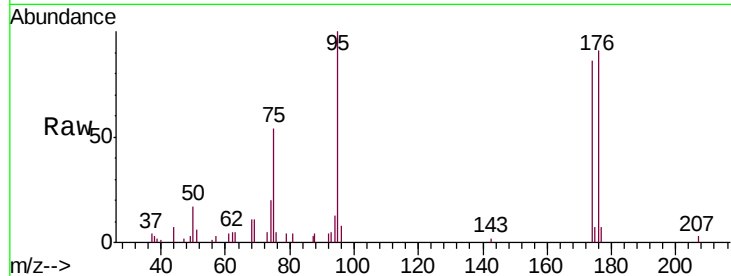
#57
4-Bromofluorobenzene
Concen: 1.929 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampled :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
95	100		
174	87.7	65.6	98.4
176	90.1	62.0	93.0

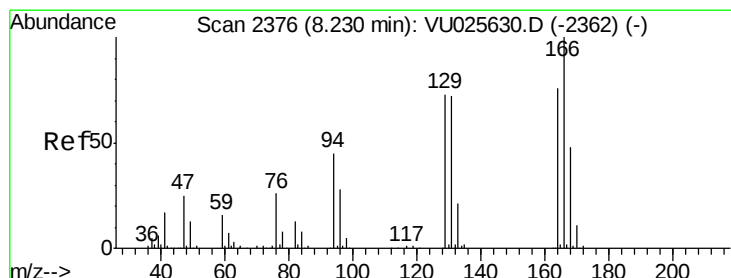
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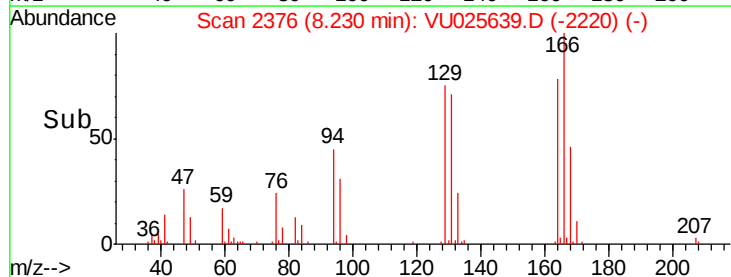
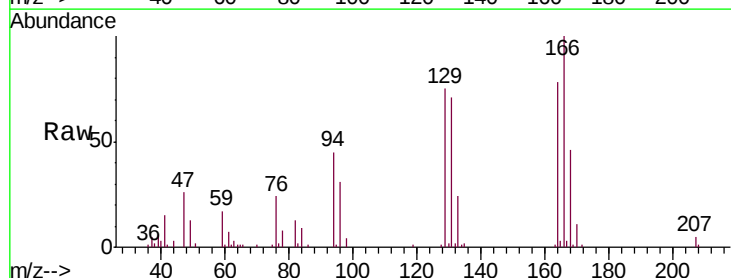
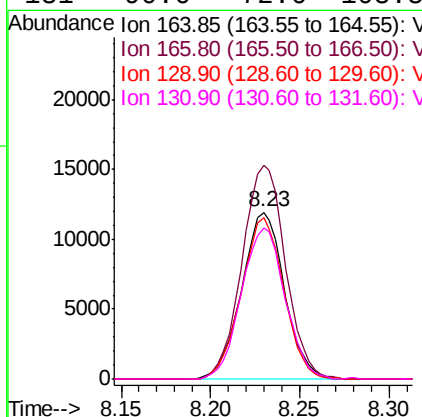
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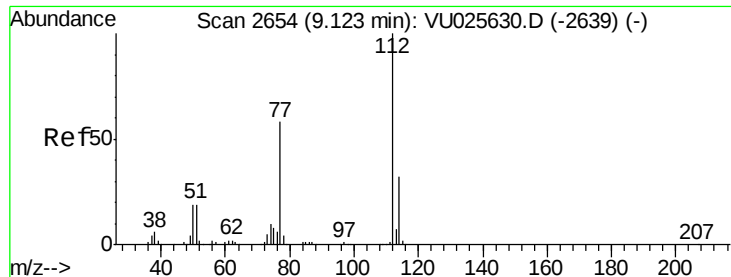
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#58
Tetrachloroethene
Concen: 1.998 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	104.1	156.1
129	96.3	76.8	115.2
131	90.6	72.6	108.8





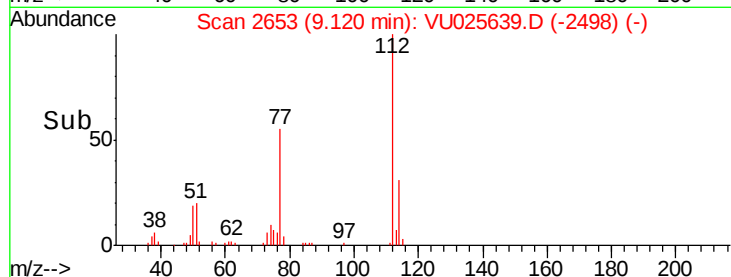
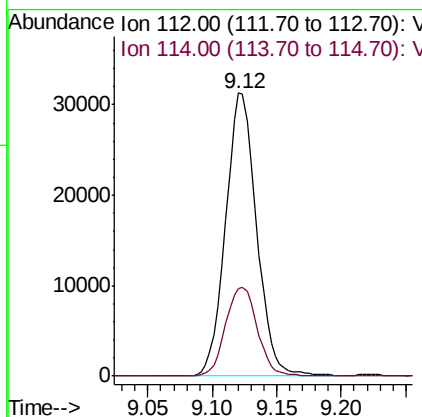
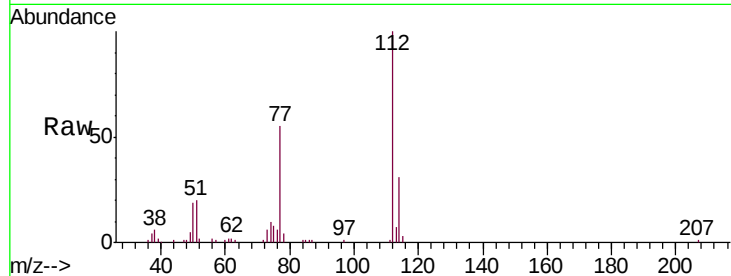
#59
Chlorobenzene
Concen: 1.965 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.4	38.2

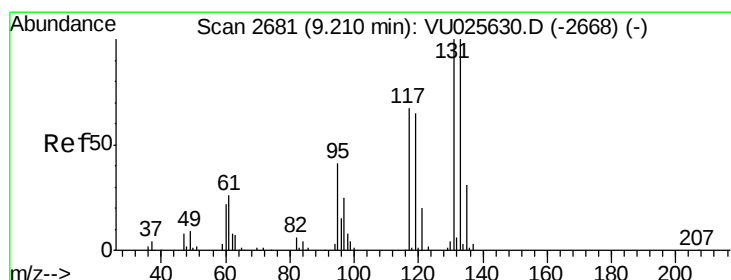
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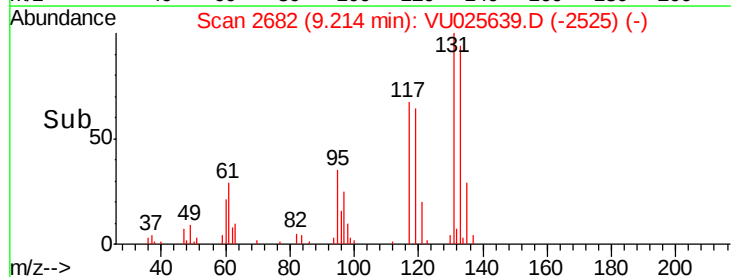
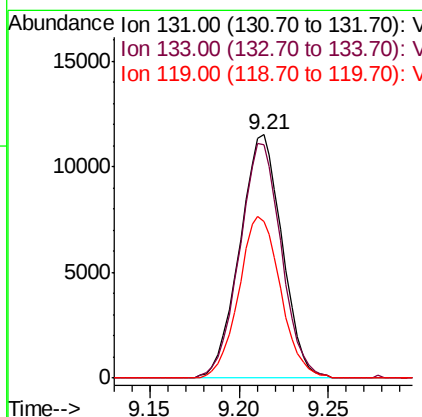
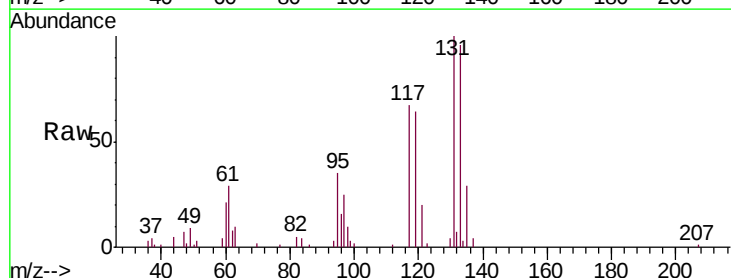
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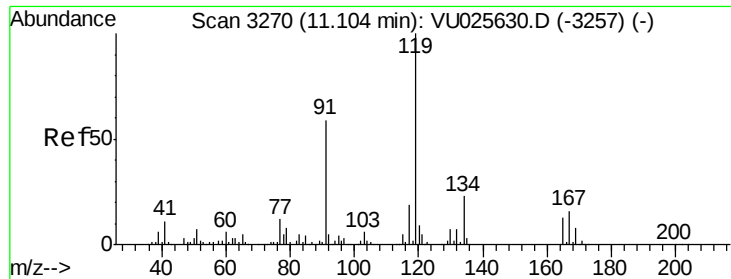
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.937 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	75.8	113.8
119	65.6	53.0	79.6





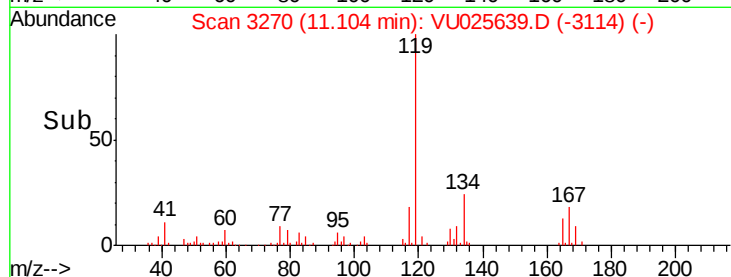
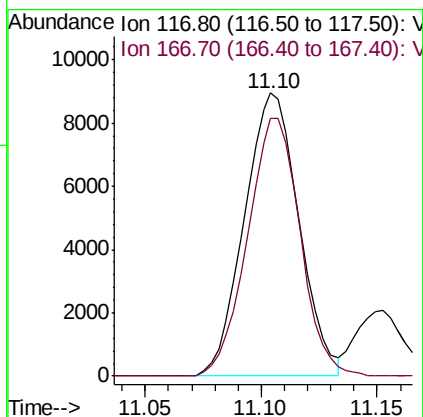
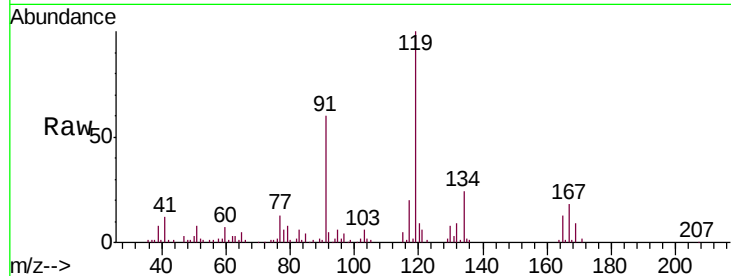
#61
 Pentachloroethane
 Concen: 1.945 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

Tot Ion:117 Resp: 14622
 Ion Ratio Lower Upper
 117 100
 167 88.0 69.2 103.8

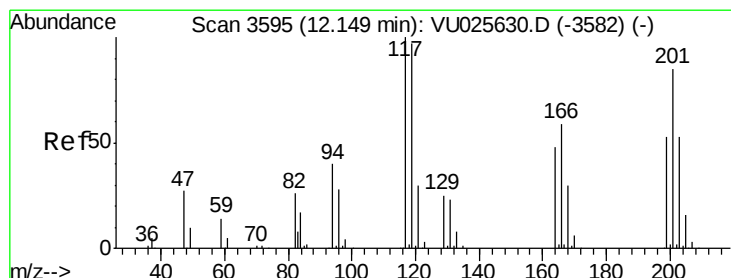
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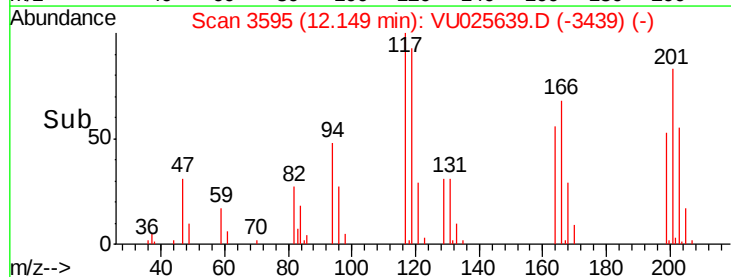
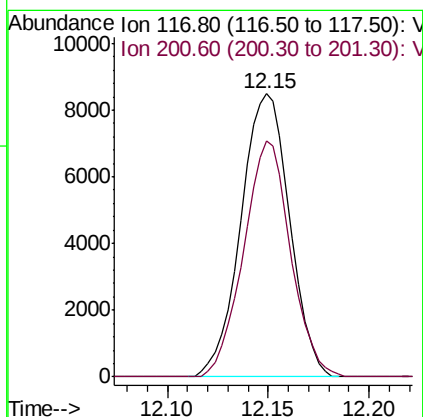
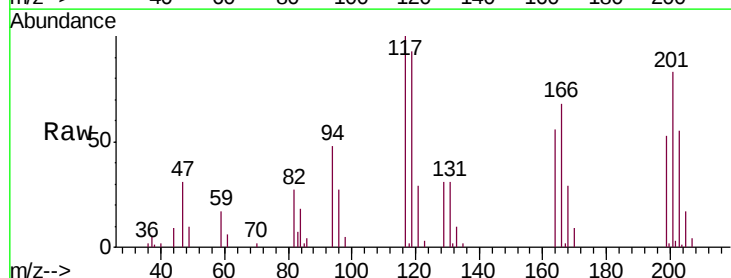
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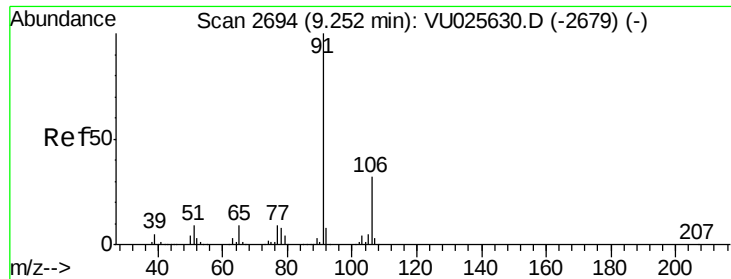
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#62
 Hexachloroethane
 Concen: 1.868 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion:117 Resp: 14339
 Ion Ratio Lower Upper
 117 100
 201 80.4 68.7 103.1





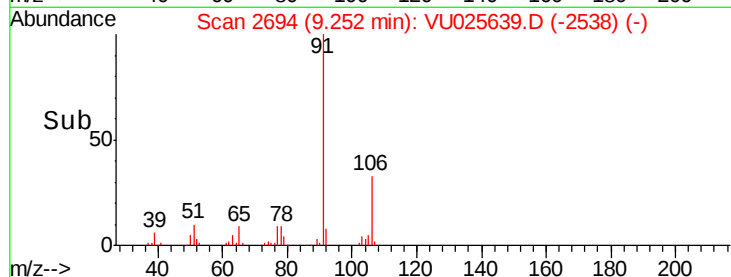
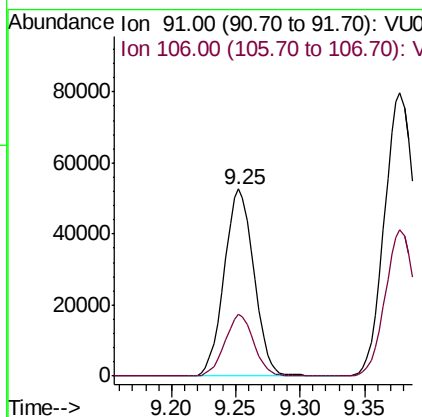
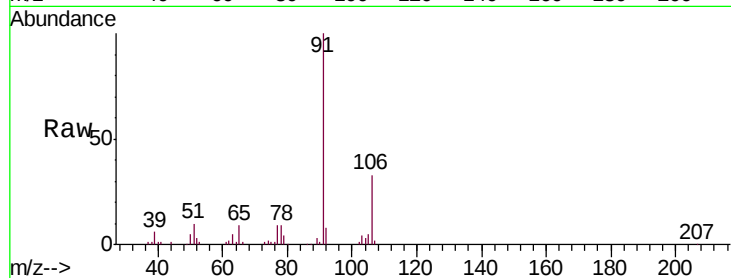
#63
Ethyl Benzene
Concen: 1.915 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampled :
VU0725WBSD01

Tot Ion: 91 Resp: 84488
Ion Ratio Lower Upper
91 100
106 33.0 24.7 37.1

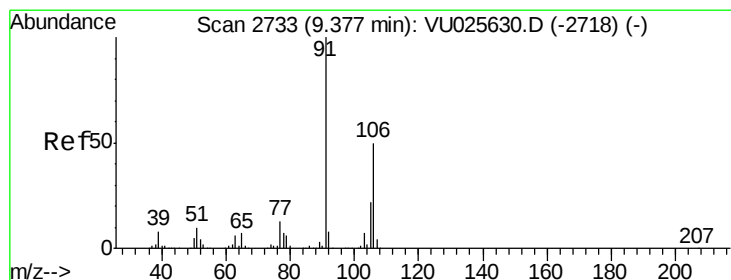
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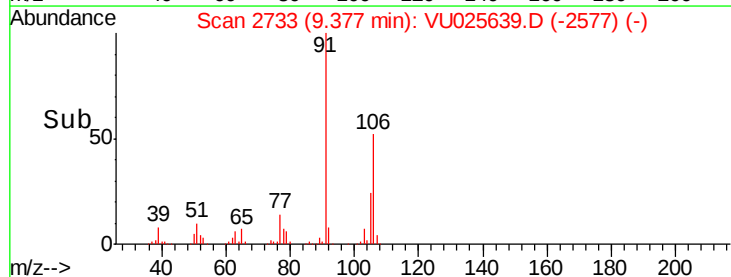
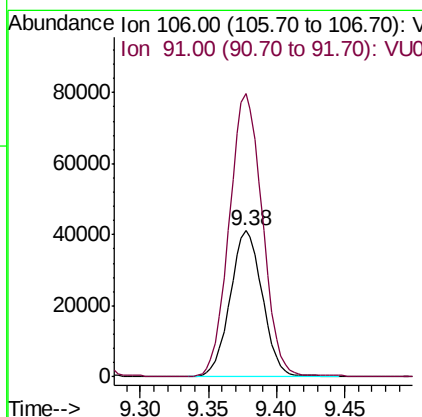
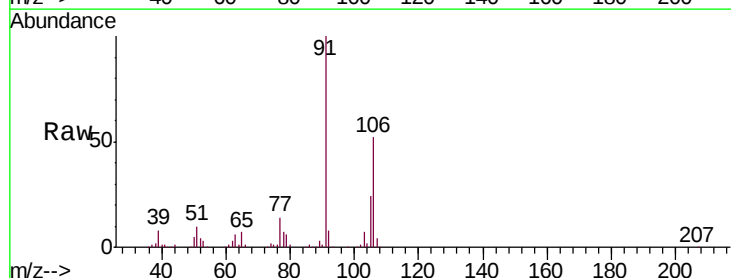
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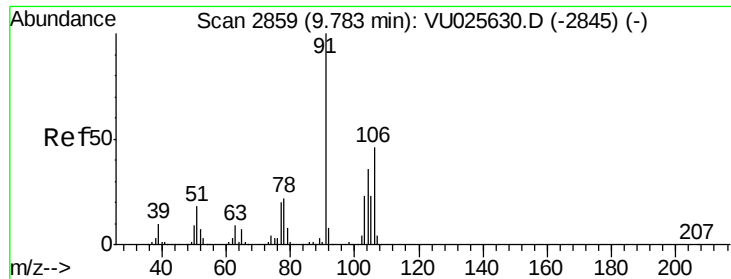
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#64
m/p-Xylenes
Concen: 3.910 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion: 106 Resp: 67796
Ion Ratio Lower Upper
106 100
91 198.3 164.1 246.1





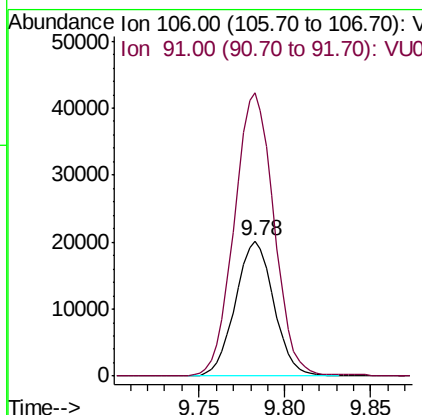
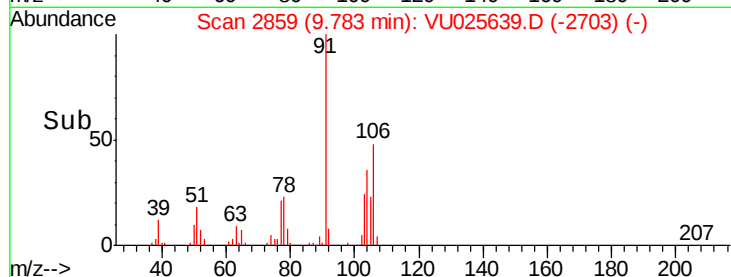
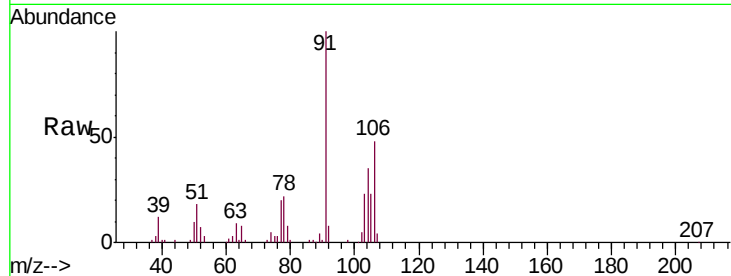
#65
o-Xylene
Concen: 1.892 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampled :
VU0725WBSD01

Tot Ion:106 Resp: 31270
Ion Ratio Lower Upper
106 100
91 216.8 107.9 323.7

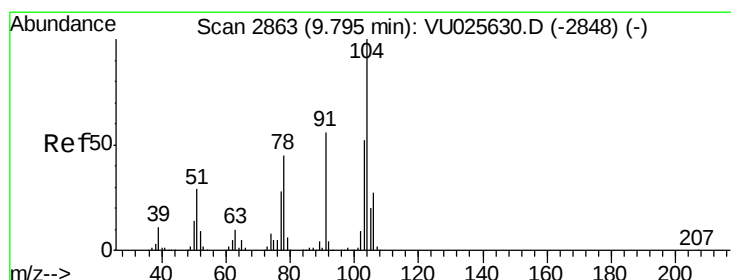
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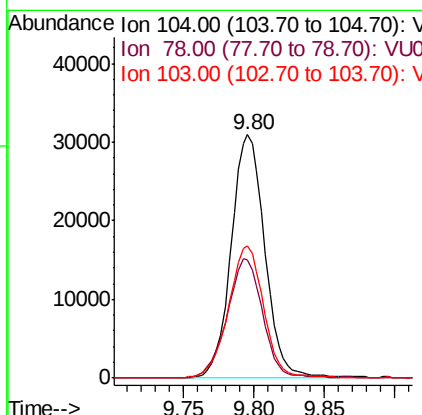
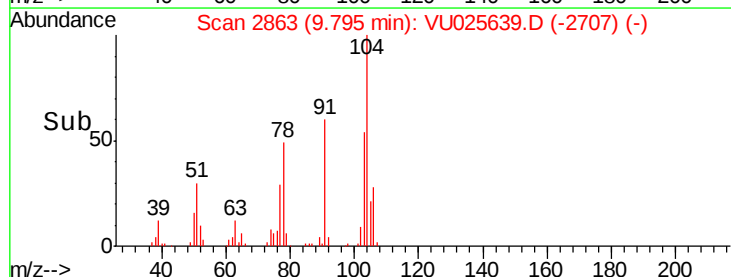
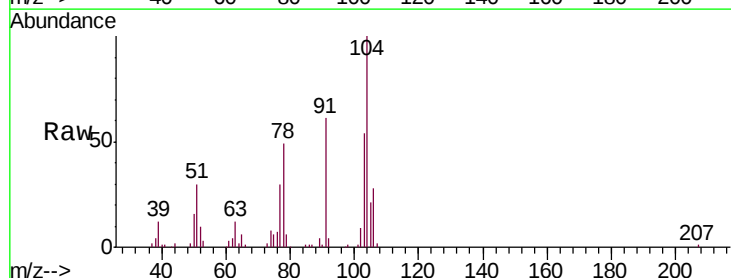
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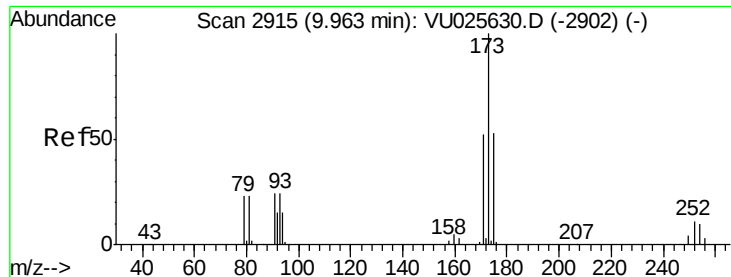
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#66
Styrene
Concen: 1.844 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion:104 Resp: 51750
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.2
103 56.8 44.2 66.4





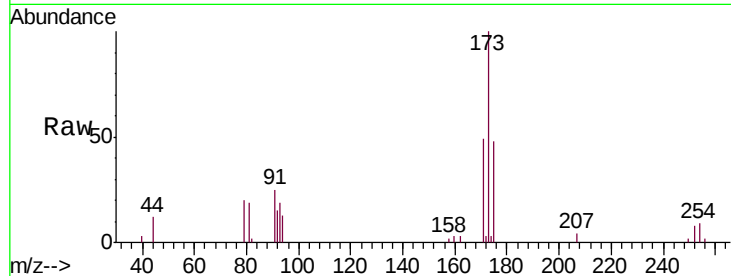
#67
Bromoform
Concen: 1.833 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.6	57.8
254	8.3	8.8	13.2

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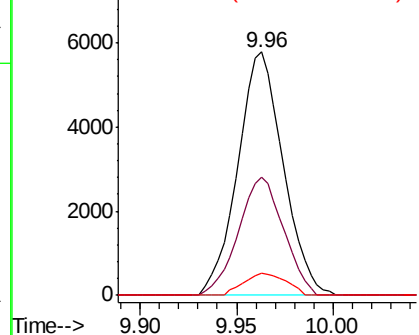


Abundance

Ion 172.90 (172.60 to 173.60): V

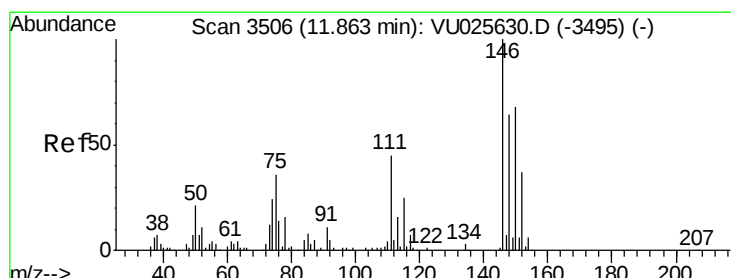
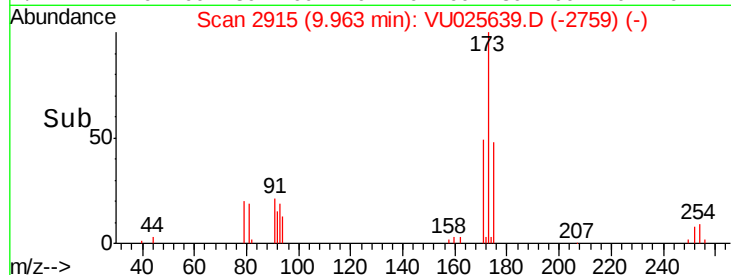
Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



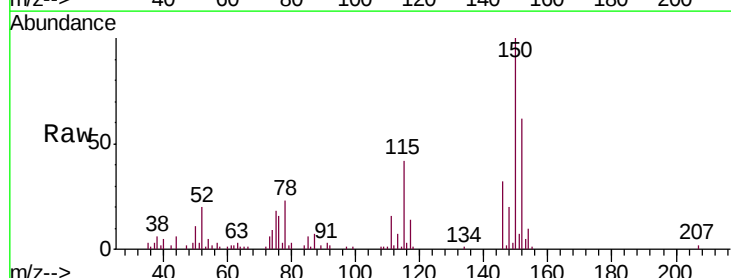
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#68
1,2-Dichlorobenzene-d4
Concen: 1.833 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.2	0.0	118.8
150	180.6	0.0	0.0

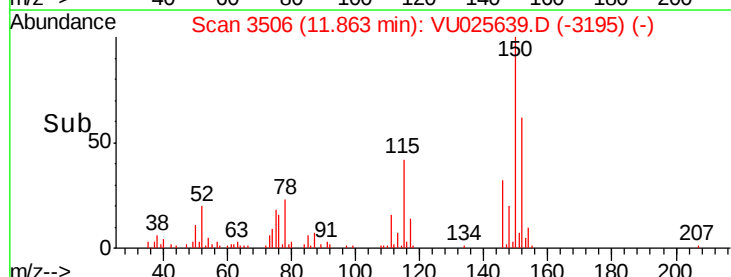
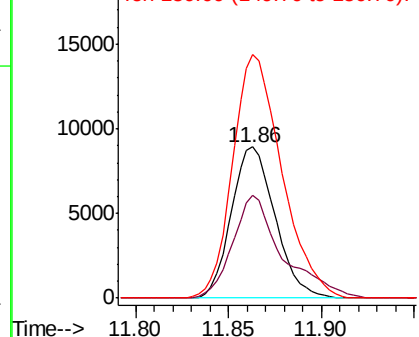


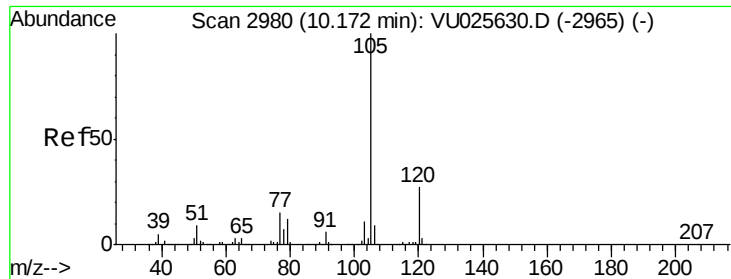
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





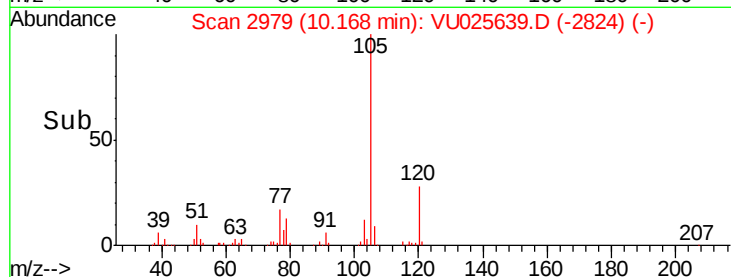
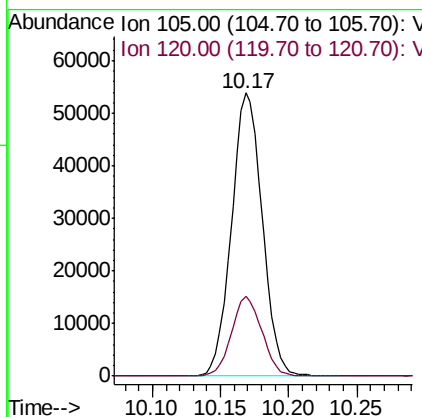
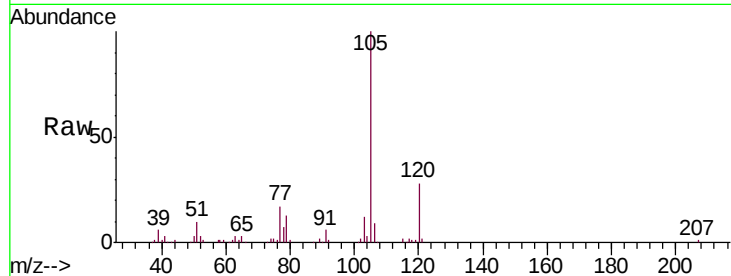
#69
Isopropylbenzene
Concen: 1.884 ug/l
RT: 10.17 min Scan# 2979
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampled :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.1	39.3

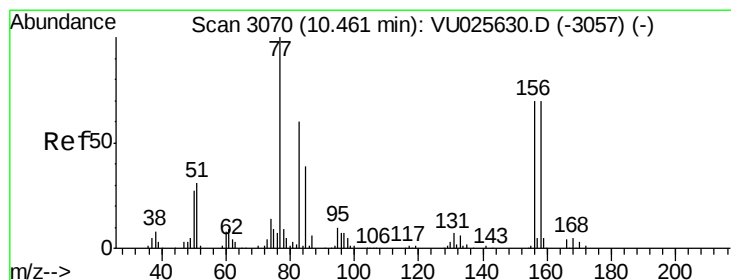
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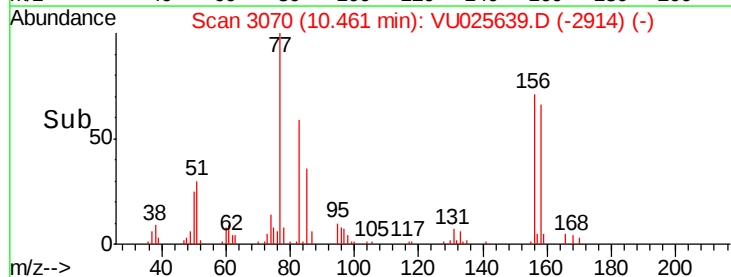
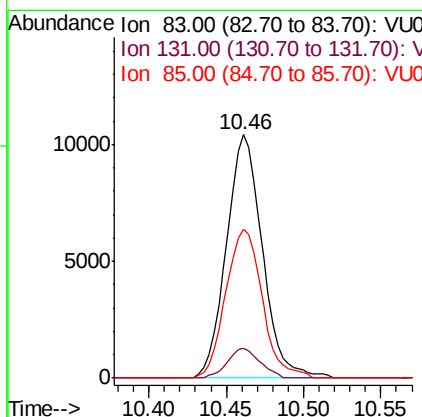
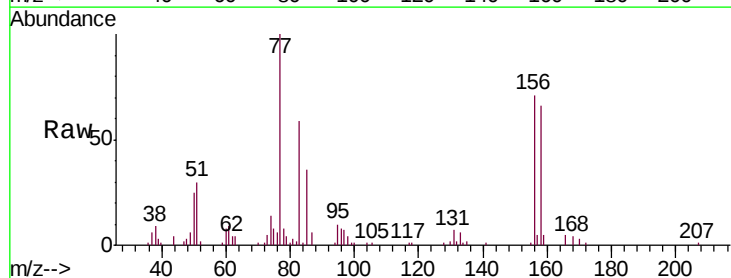
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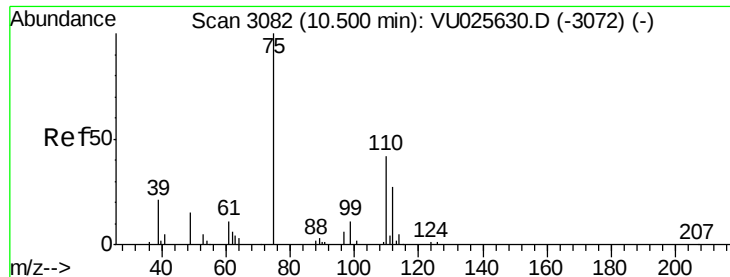
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#70
1,1,2,2-Tetrachloroethane
Concen: 1.950 ug/l
RT: 10.46 min Scan# 3070
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.9	7.9	11.9
85	62.2	51.8	77.6





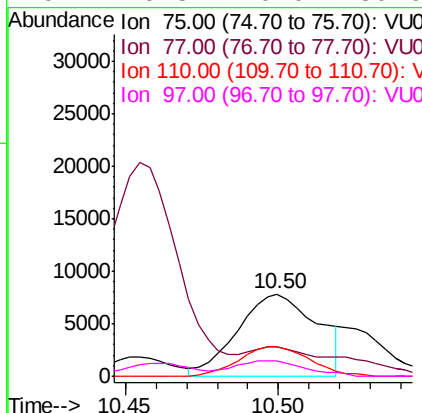
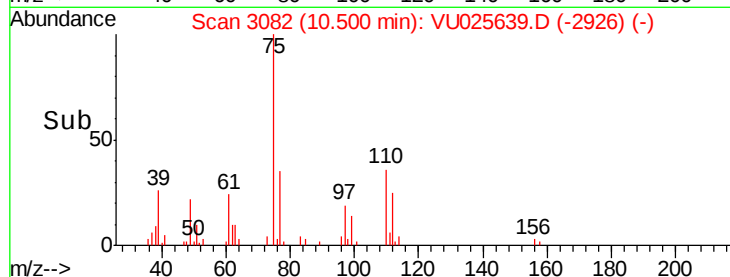
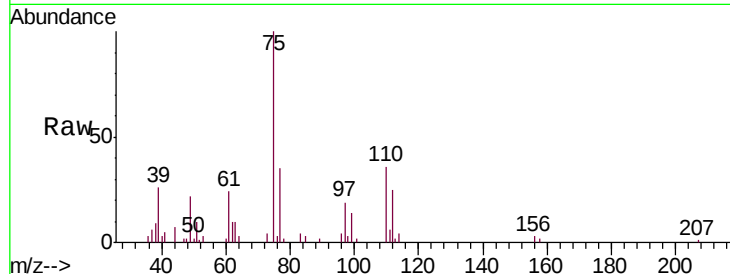
#71
 1,2,3-Trichloropropane
 Concen: 2.125 ug/l m
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	43.5	0.0	0.0#
110	31.8	0.0	74.0
97	16.8	0.0	39.6

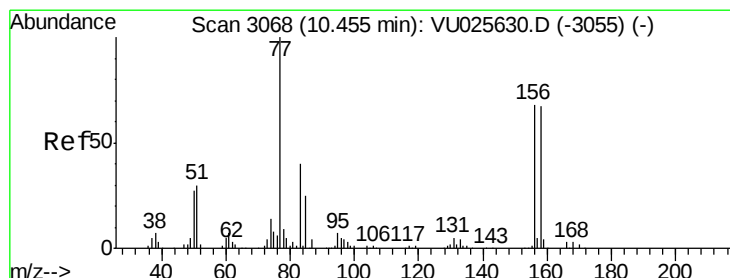
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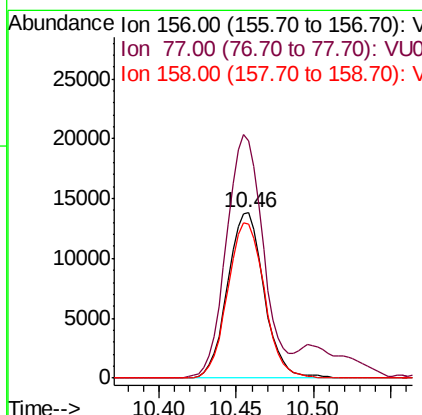
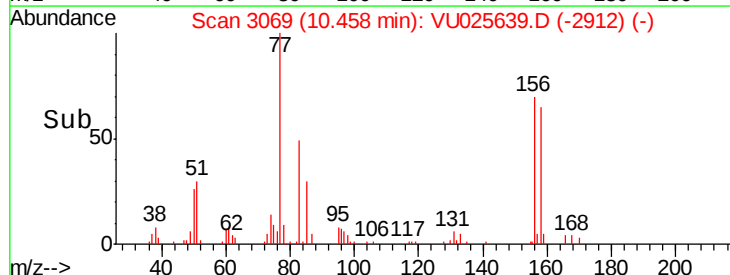
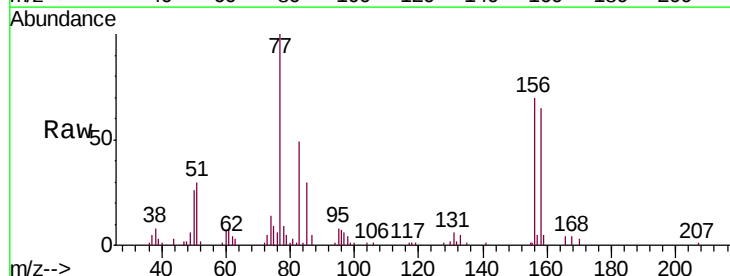
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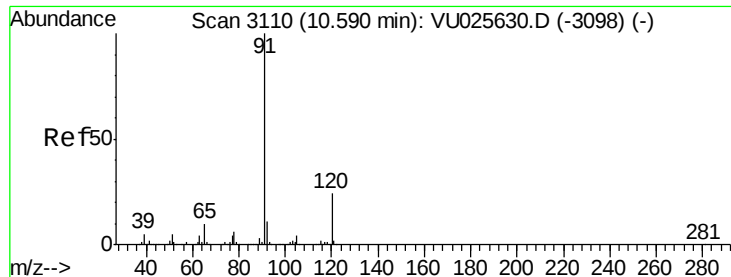
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#72
 Bromobenzene
 Concen: 1.949 ug/l
 RT: 10.46 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
156	100		
77	148.2	0.0	309.8
158	94.4	0.0	193.0





#73

n-propylbenzene

Concen: 1.978 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

Tot Ion:120 Resp: 24892

Ion Ratio Lower Upper

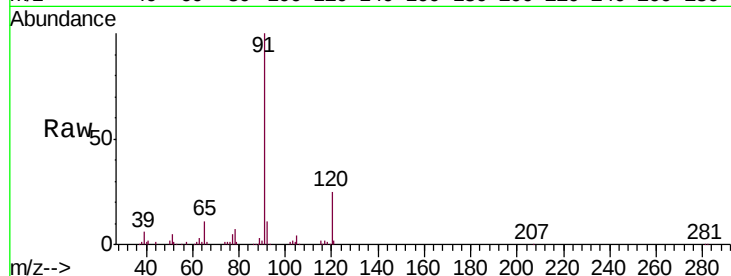
120 100

91 409.4 352.2 528.4

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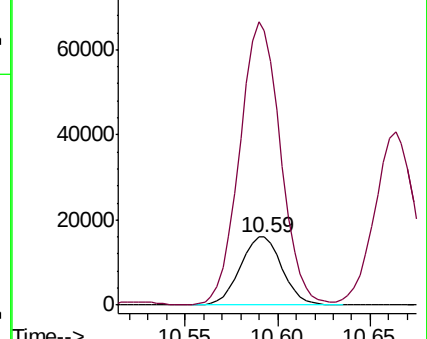
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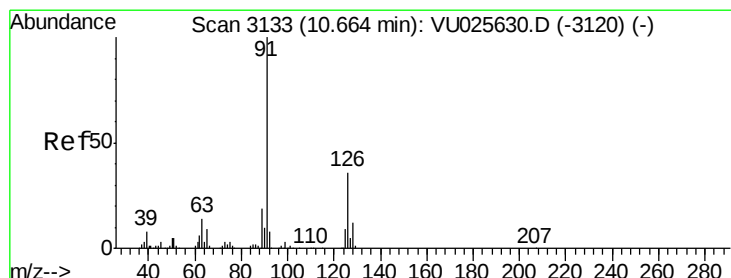
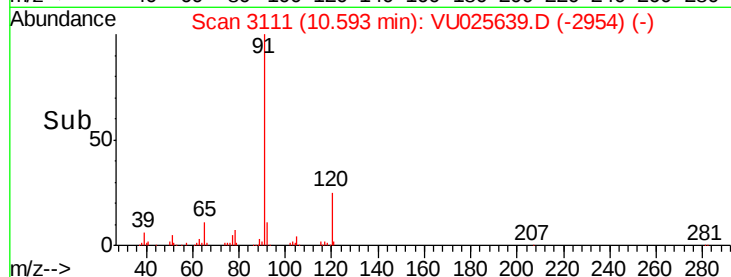
Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



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#74

2-Chlorotoluene

Concen: 1.923 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025639.D

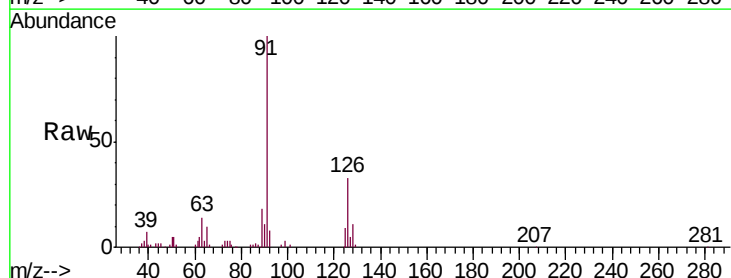
Acq: 25 Jul 2018 18:41

Tgt Ion:126 Resp: 21303

Ion Ratio Lower Upper

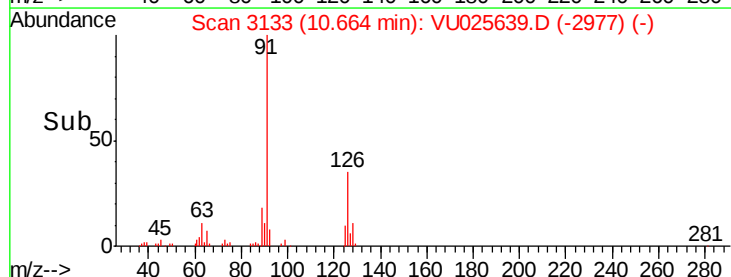
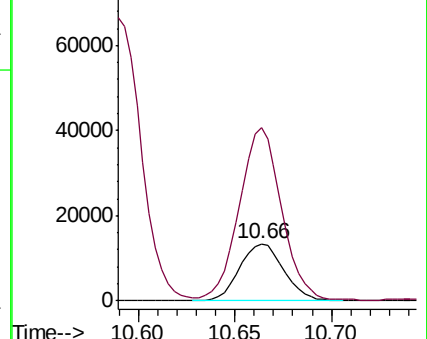
126 100

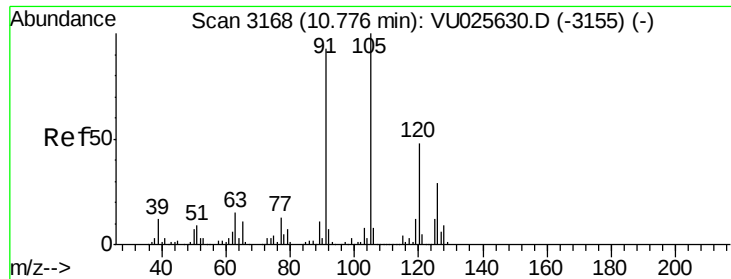
91 291.4 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.930 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBSD01

Tot Ion:105 Resp: 75248

Ion Ratio Lower Upper

105 100

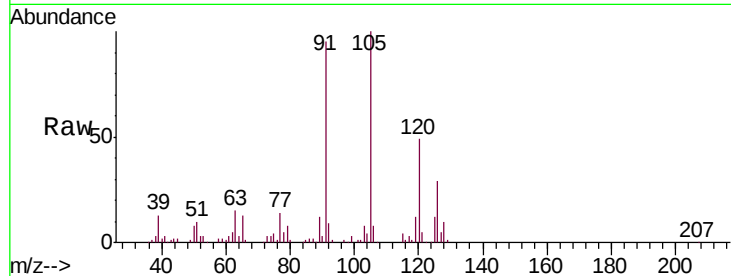
120 49.0 39.0 58.6

Manual Integrations

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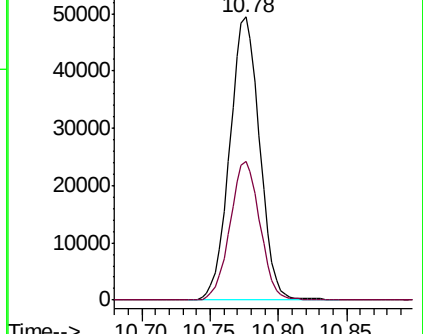
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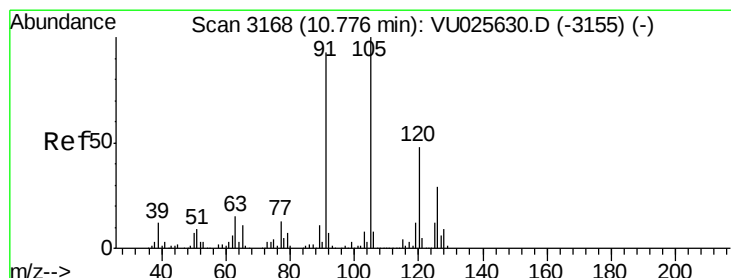
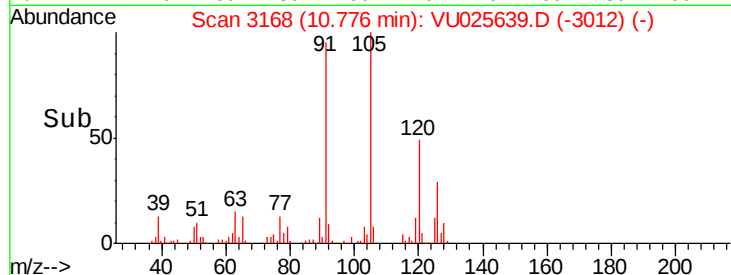
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



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#76

4-Chlorotoluene

Concen: 1.904 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025639.D

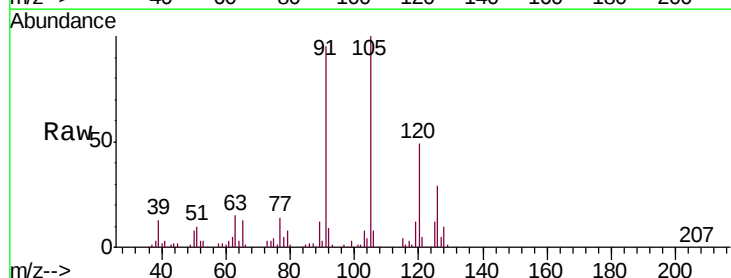
Acq: 25 Jul 2018 18:41

Tgt Ion:126 Resp: 22163

Ion Ratio Lower Upper

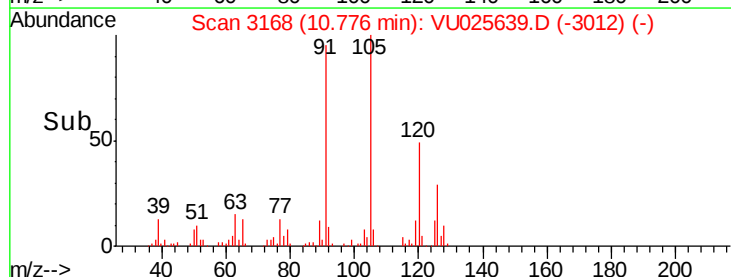
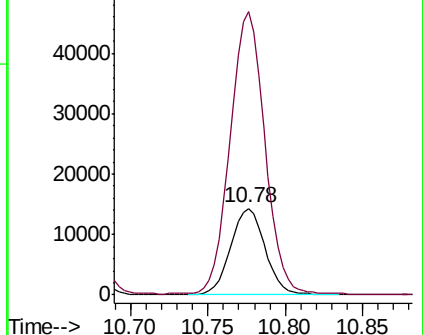
126 100

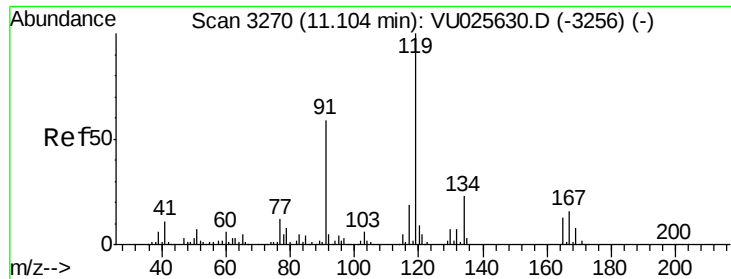
91 328.9 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.855 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampled :

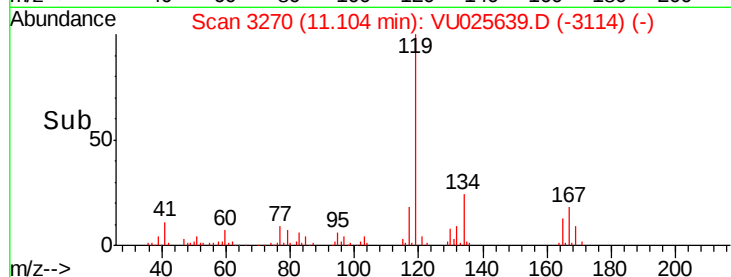
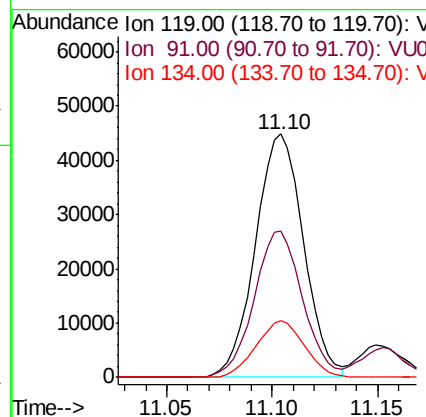
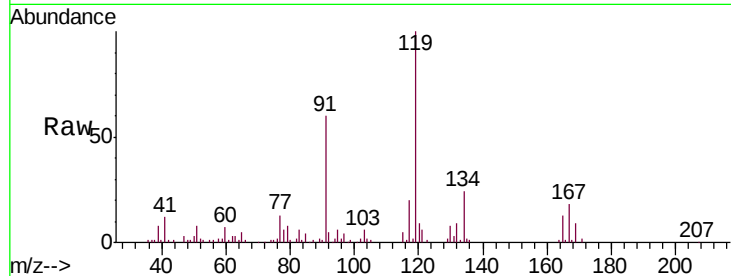
VU0725WBSD01

Tot Ion:	119	Resp:	71311
Ion Ratio	Lower	Upper	
119	100		
91	60.4	29.6	88.8
134	23.2	19.1	28.7

Manual Integrations
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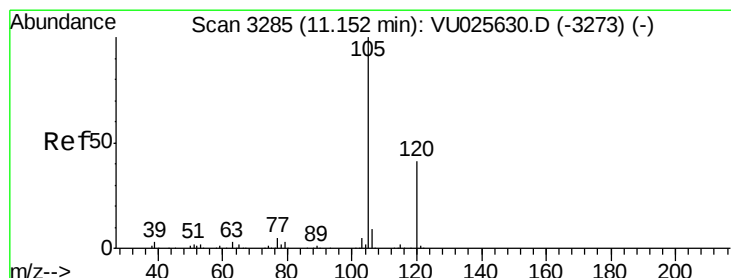
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#78

1,2,4-Trimethylbenzene

Concen: 1.881 ug/l

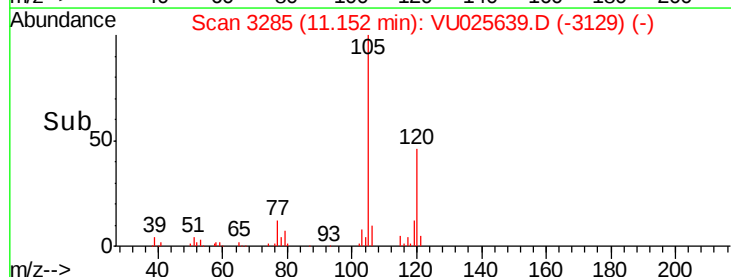
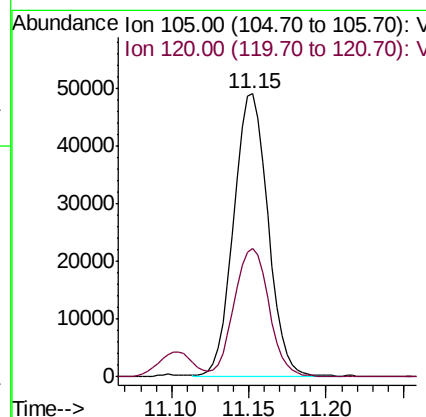
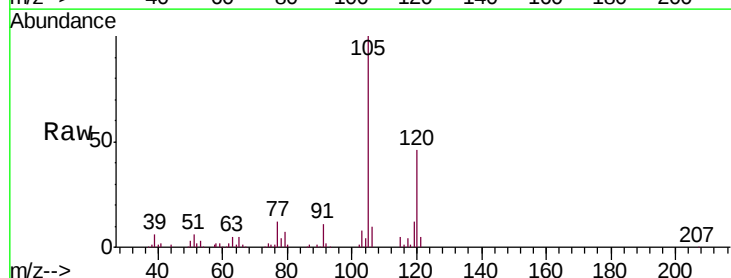
RT: 11.15 min Scan# 3285

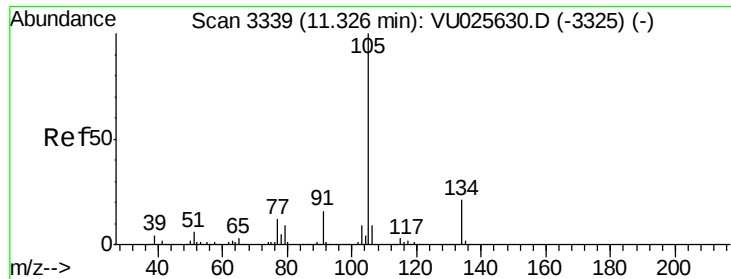
Delta R.T. 0.00 min

Lab File: VU025639.D

Acq: 25 Jul 2018 18:41

Tgt Ion:	105	Resp:	74864
Ion Ratio	Lower	Upper	
105	100		
120	46.9	23.1	69.3





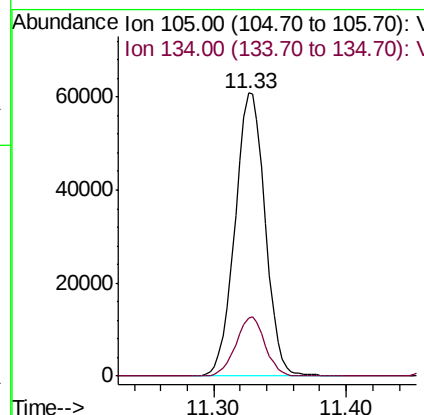
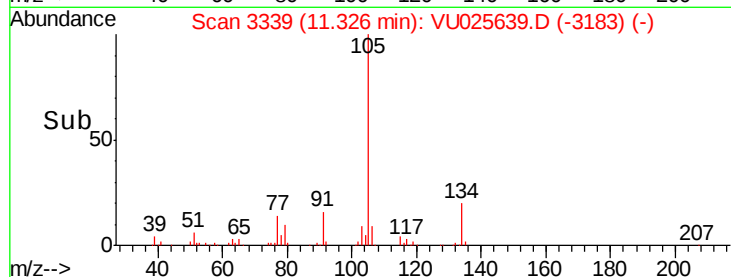
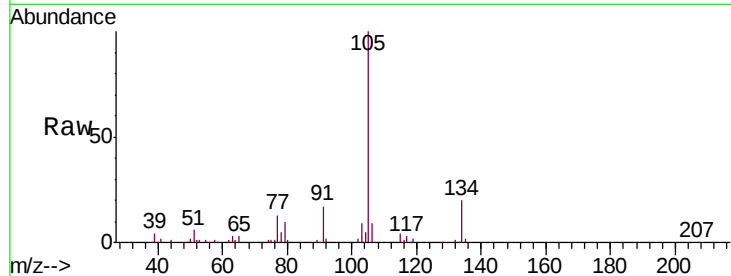
#79
 sec-Butylbenzene
 Concen: 1.899 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	15.6	23.4

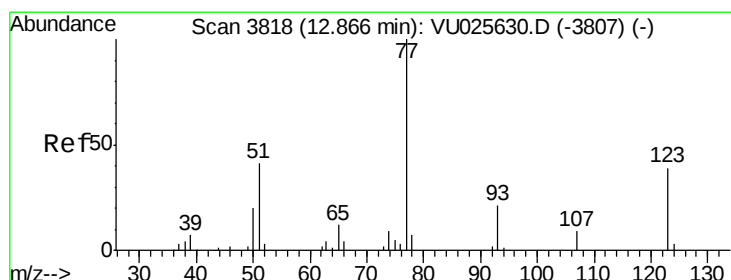
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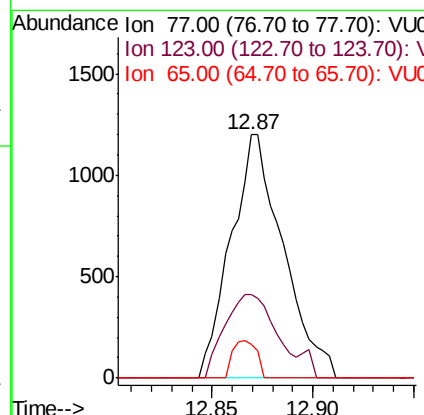
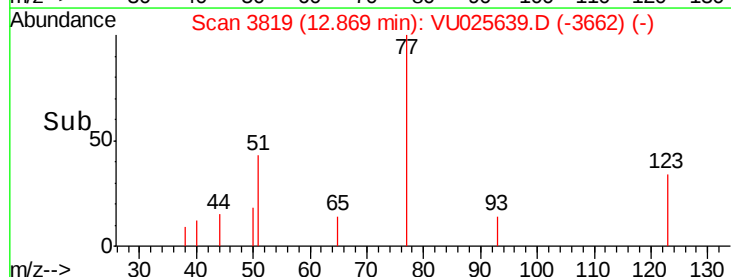
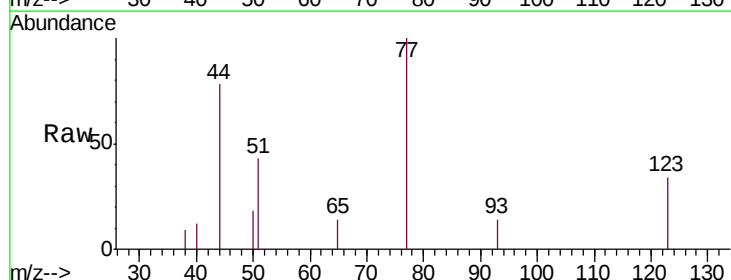
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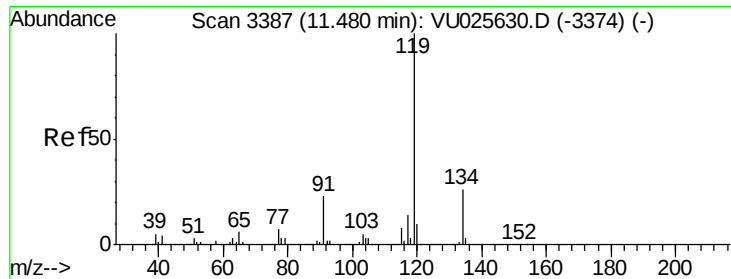
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#80
 Nitrobenzene
 Concen: 8.290 ug/l
 RT: 12.87 min Scan# 3819
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.5	19.4	68.6
65	7.0	11.2	14.2#





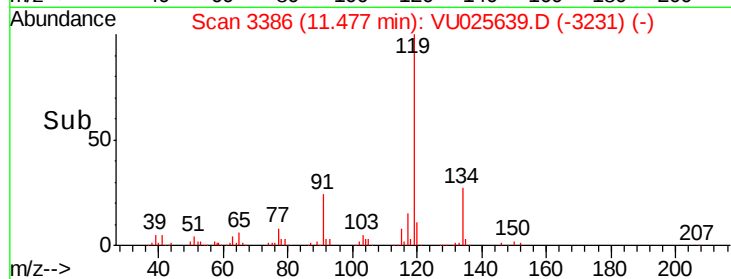
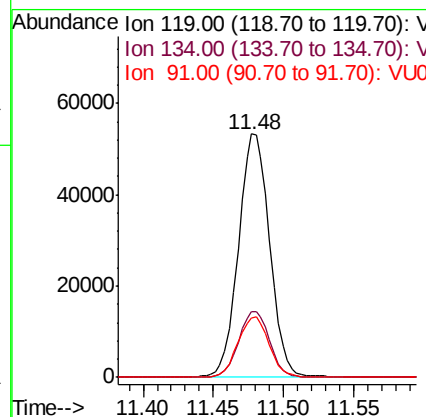
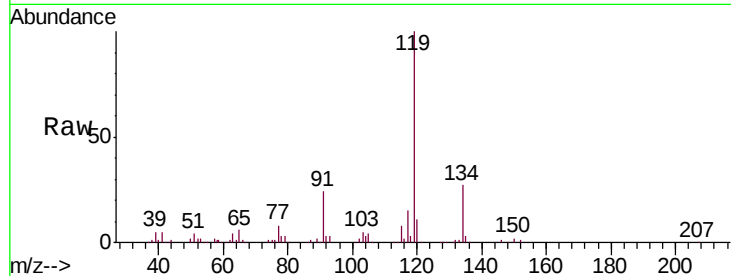
#81
p-Isopropyltoluene
Concen: 1.928 ug/l
RT: 11.48 min Scan# 3386
Delta R.T. -0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	20.9	31.3
91	24.9	18.2	27.2

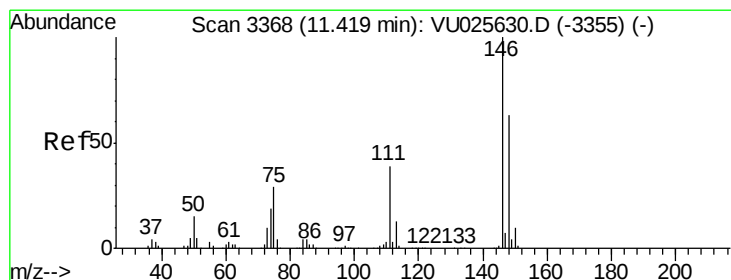
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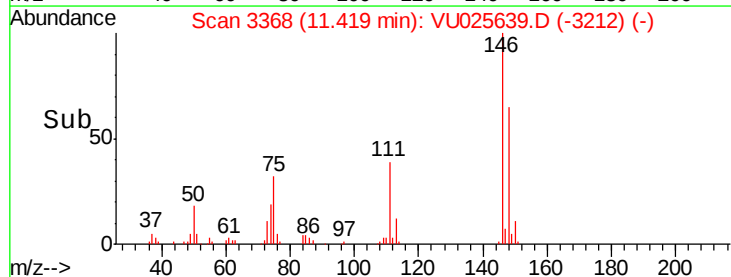
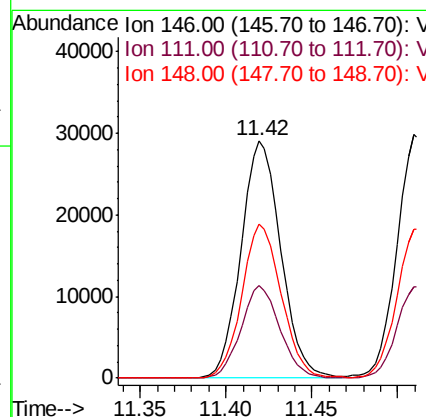
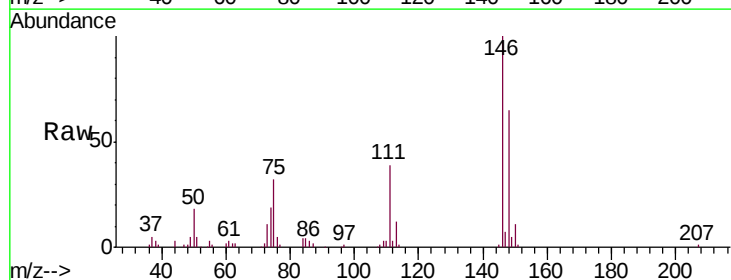
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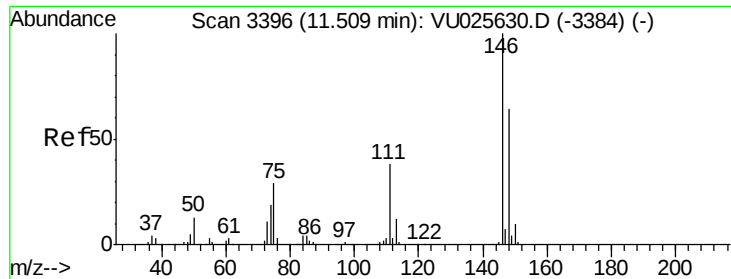
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#82
1,3-Dichlorobenzene
Concen: 1.959 ug/l
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	31.8	47.6
148	64.4	51.0	76.4





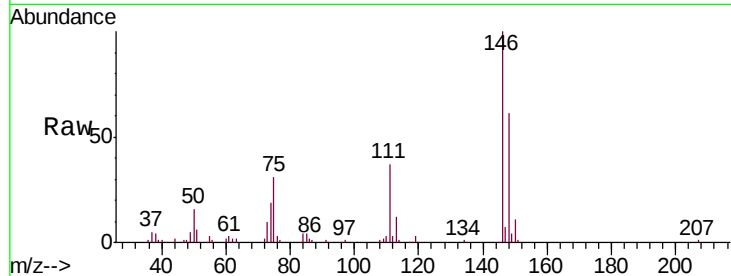
#83
 1,4-Dichlorobenzene
 Concen: 2.009 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

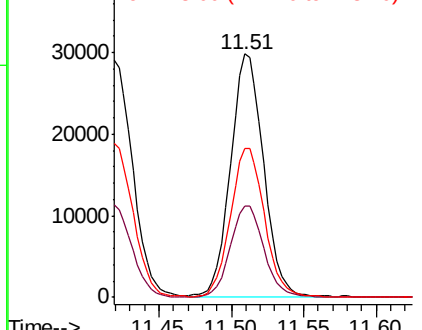
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	30.1	45.1
148	63.7	50.6	76.0

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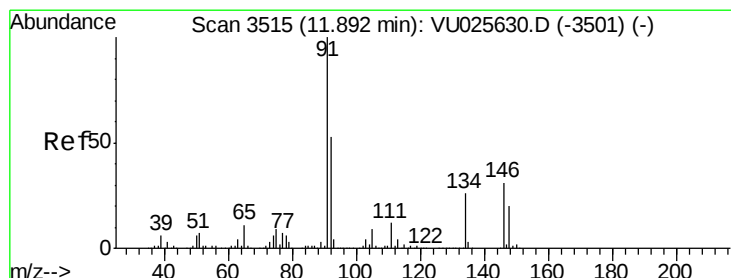
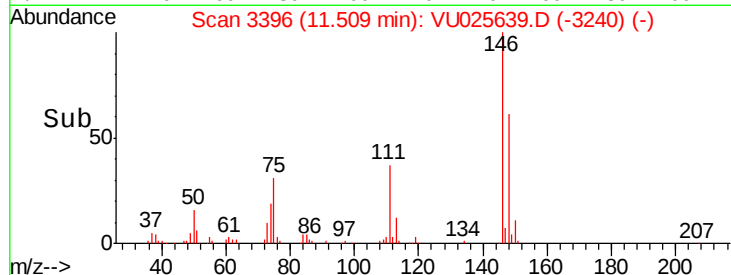


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



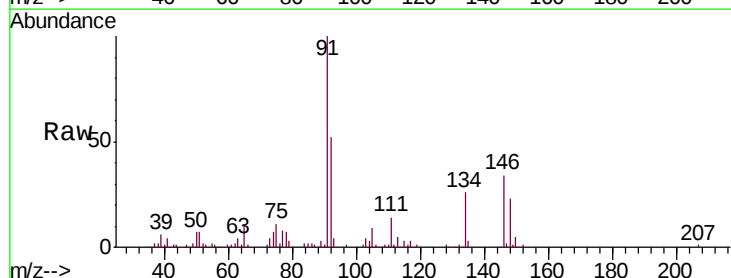
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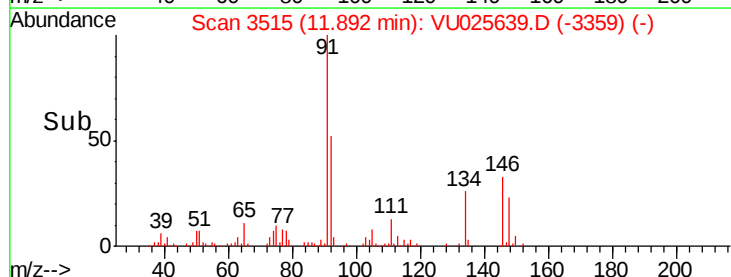
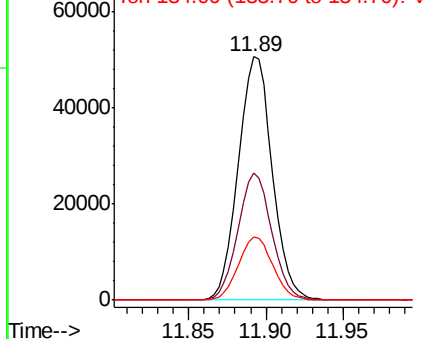


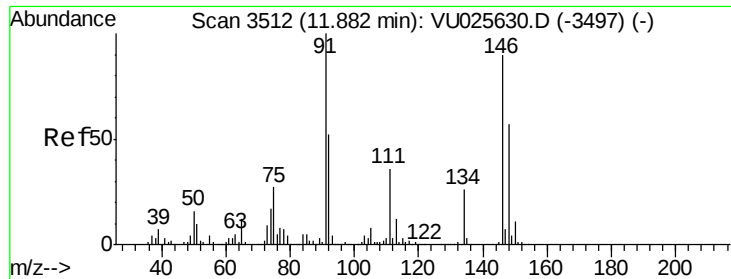
#84
 n-Butylbenzene
 Concen: 1.922 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	42.2	63.2
134	26.2	20.3	30.5



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





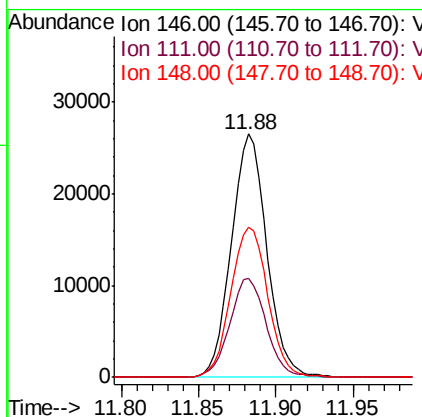
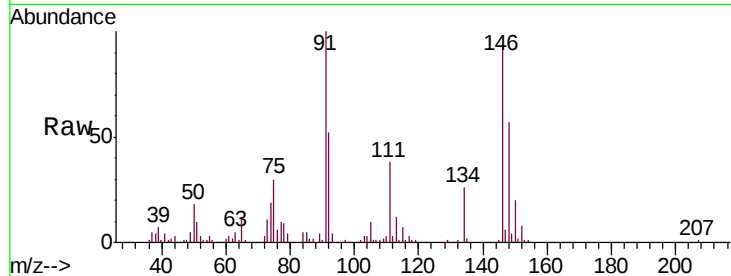
#85
 1,2-Dichlorobenzene
 Concen: 1.934 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampled :
 VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.7	62.1
148	64.5	31.9	95.5

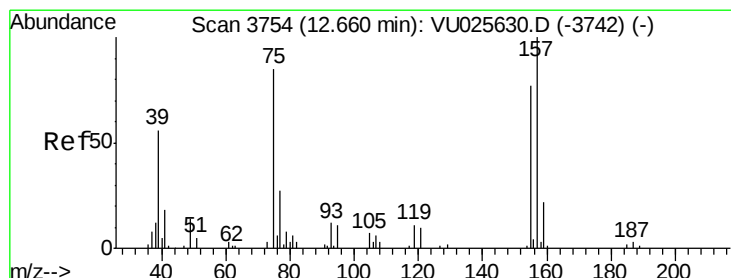
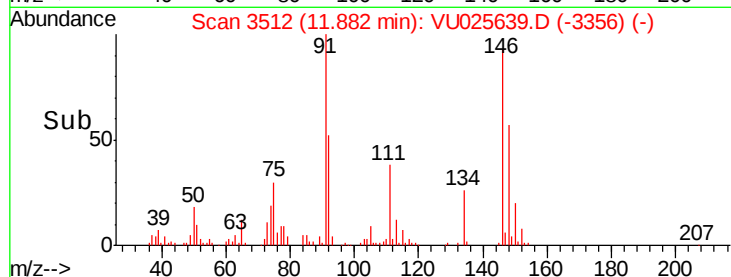
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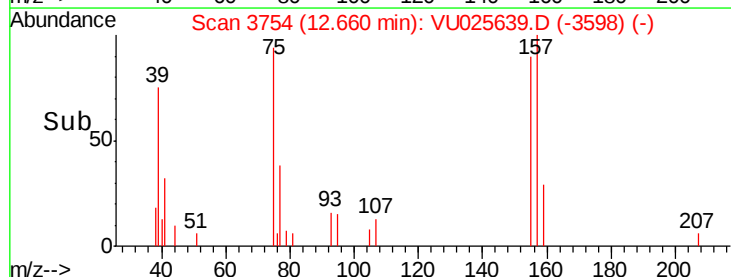
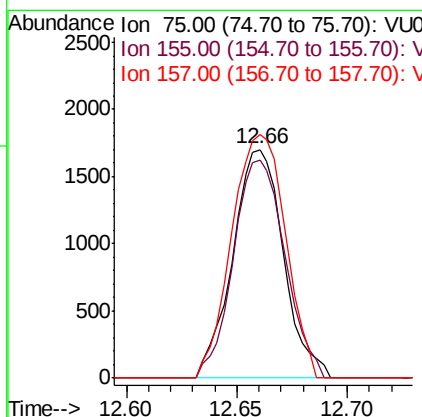
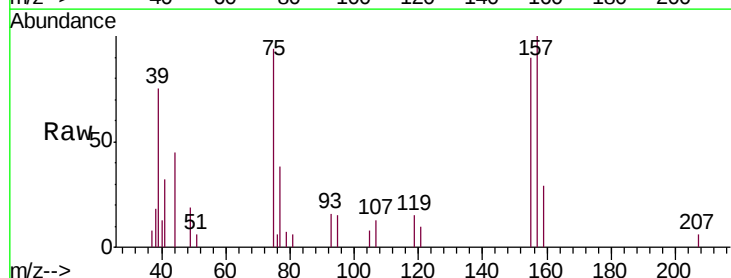
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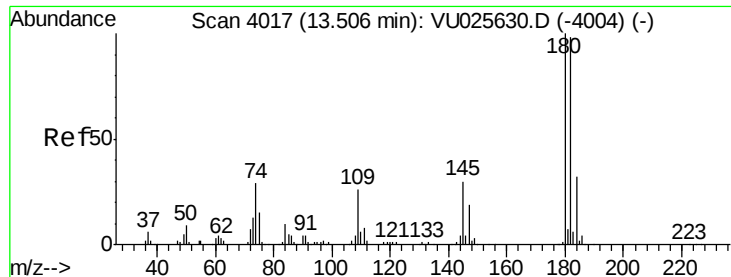
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.924 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	65.8	98.6
157	112.7	83.5	125.3





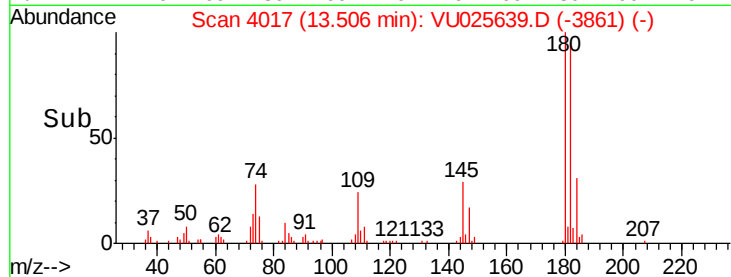
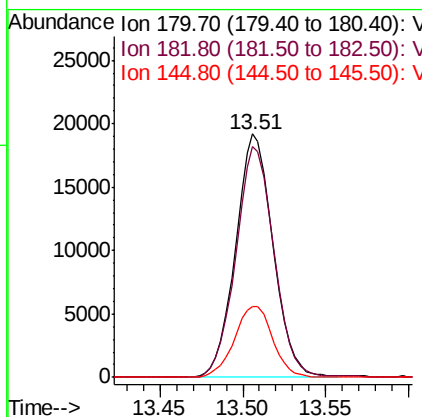
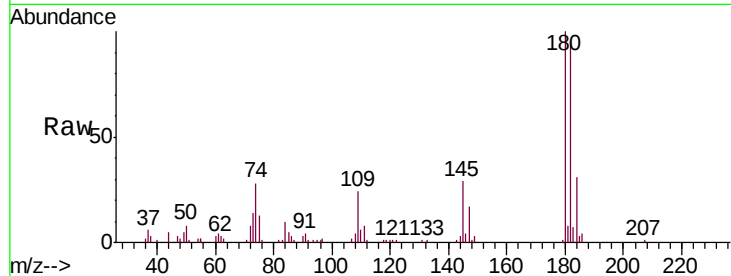
#87
 1,2,4-Trichlorobenzene
 Concen: 1.994 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.1	115.7
145	29.6	23.3	34.9

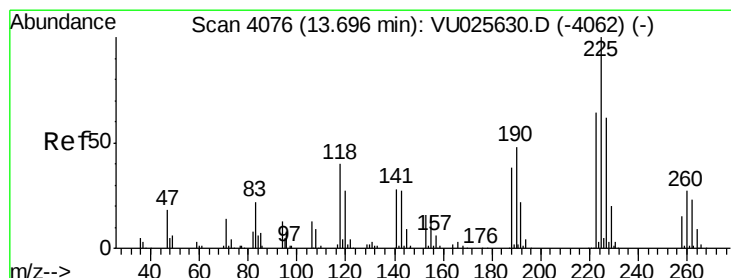
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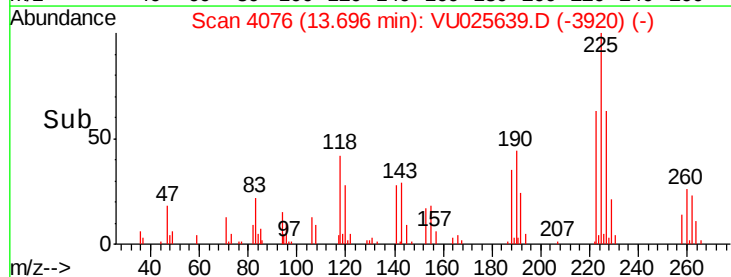
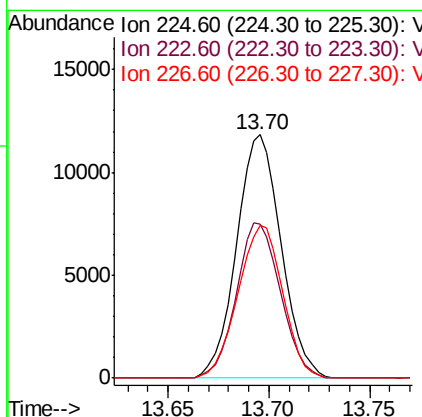
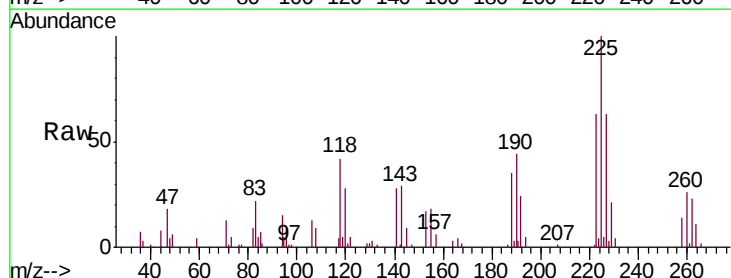
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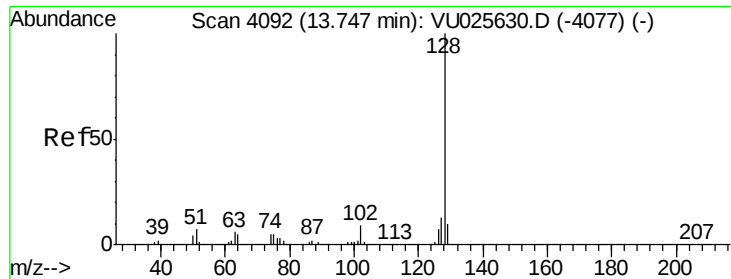
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#88
 Hexachlorobutadiene
 Concen: 1.969 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025639.D
 Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	75.8
227	62.8	51.8	77.6





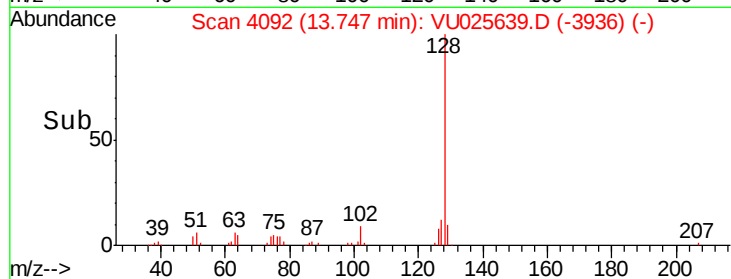
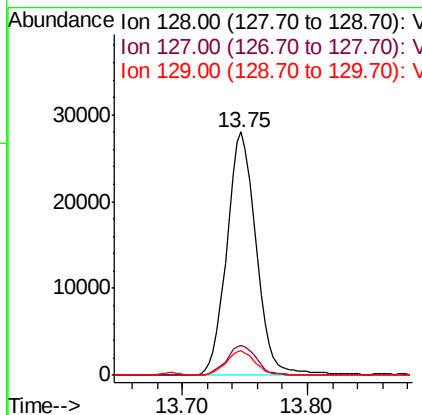
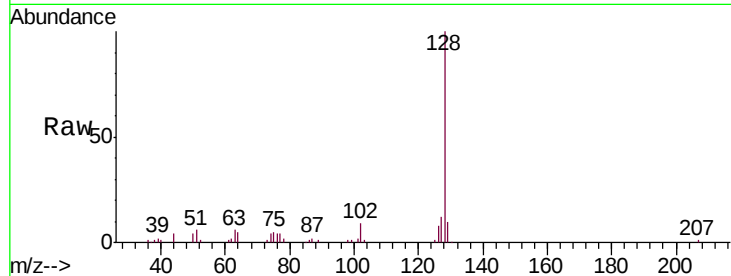
#89
Naphthalene
Concen: 1.853 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	10.2	8.7	13.1

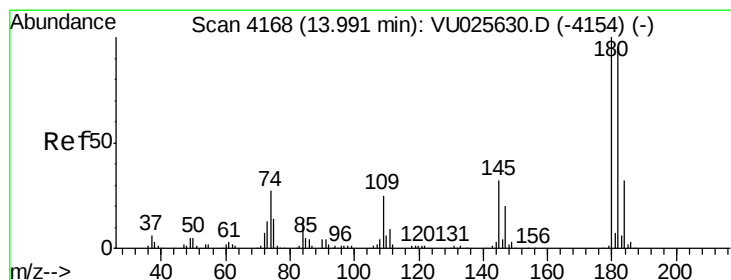
Manual Integrations
APPROVED

apatel
7/26/2018 4:27:30 PM



apatel

7/26/2018 4:27:30 PM



#90
1,2,3-Trichlorobenzene
Concen: 1.969 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025639.D
Acq: 25 Jul 2018 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.8	115.2
145	31.6	24.6	36.8

