

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072518\
 Data File : VU025634.D
 Acq On : 25 Jul 2018 13:54
 Operator : MD/SY
 Sample : VU0725WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Manual Integrations
 APPROVED

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 7/26/2018 4:27:18 PM

Quant Time: Jul 26 03:36:57 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	36554	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	13552	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.87	152	15384	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
Target Compounds						Ovalue
2) Dichlorodifluoromethane	1.21	85	25616	1.965	ug/l	99
3) Chloromethane	1.33	50	24441	1.983	ug/l	98
4) Vinyl Chloride	1.41	62	21874	1.918	ug/l	98
5) Bromomethane	1.63	94	10181	1.833	ug/l	99
6) Chloroethane	1.70	64	13354	1.951	ug/l	98
7) Trichlorofluoromethane	1.89	101	32208	1.936	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	17926	1.963	ug/l	99
9) 1,1-Dichloroethene	2.29	96	15969	1.982	ug/l	91
10) Iodomethane	2.41	142	8505	1.830	ug/l	90
11) Allyl Chloride	2.60	41	26347	1.956	ug/l #	80
12) Acrylonitrile	2.94	53	7218	4.063	ug/l	96
13) Acetone	2.32	43	15831	10.246	ug/l	95
14) Carbon Disulfide	2.48	76	52888	1.919	ug/l	98
15) Methylene Chloride	2.70	84	18462	1.922	ug/l	95
16) trans-1,2-Dichloroethene	2.98	96	17895	1.980	ug/l	94
17) 1,1-Dichloroethane	3.45	63	33885	1.891	ug/l	97
18) 2-Butanone	4.28	43	25406	9.476	ug/l	94
19) Cyclohexane	4.99	56	26668	1.930	ug/l	86
20) Methylcyclohexane	6.42	83	32683	1.928	ug/l	93
21) 2,2-Dichloropropane	4.23	77	35180	2.059	ug/l	97
22) cis-1,2-Dichloroethene	4.23	96	22924	2.015	ug/l	91
23) Diethyl Ether	2.11	59	11957	1.959	ug/l	99
24) tert-Butyl Alcohol	2.84	59	14287	19.926	ug/l #	80
25) Methyl tert-Butyl Ether	3.01	73	41646	1.911	ug/l	95
26) Bromochloromethane	4.55	128	9778	1.952	ug/l	81
27) Chloroform	4.68	83	37163	1.887	ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	33309	1.875	ug/l	98
29) 1,1-Dichloropropene	5.14	75	28765	1.975	ug/l	99
30) Carbon Tetrachloride	5.13	117	30375	1.883	ug/l	94
31) Isopropyl Ether	3.58	45	55575	1.936	ug/l	95
32) Ethyl-t-butyl ether	4.08	59	51600	1.891	ug/l	95
33) Tert-Amyl methyl ether	5.59	73	45105	1.872	ug/l	98
34) Propionitrile	4.34	54	7200	9.665	ug/l #	85
35) Benzene	5.39	78	77981	1.915	ug/l	99
36) 1,2-Dichloroethane	5.41	62	24923	1.993	ug/l	97
37) Trichloroethene	6.19	130	22186	1.849	ug/l	100
38) 1,2-Dichloropropane	6.44	63	19653	1.860	ug/l	98
39) Methacrylonitrile	4.56	41	6695	1.952	ug/l	93
40) Methyl acrylate	4.43	55	10532	2.036	ug/l	98
41) Tetrahydrofuran	4.65	42	7130	3.518	ug/l	96
42) 1-Chlorobutane	5.07	56	37656	1.896	ug/l	96

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 Acq On : 25 Jul 2018 13:54
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 Sample : VU0725WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 VU0725WBS01

Manual Integrations
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 7/26/2018 4:27:18 PM

Quant Time: Jul 26 03:36:57 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	10234	1.855	ug/l	99
44) Bromodichloromethane	6.76	83	26034	1.862	ug/l	93
45) 4-Methyl-2-Pentanone	7.47	43	59109	9.608	ug/l	98
46) t-1,4-Dichloro-2-butene	10.52	75	7167m	4.033	ug/l	
47) Methyl methacrylate	6.63	69	17392	3.770	ug/l #	92
48) Ethyl methacrylate	8.02	69	16801	1.813	ug/l	97
49) Toluene	7.64	92	47764	1.919	ug/l	97
50) t-1,3-Dichloropropene	7.89	75	24192	1.917	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	28540	1.888	ug/l	94
52) 1,1,2-Trichloroethane	8.07	97	13859	1.874	ug/l	98
53) 1,3-Dichloropropane	8.25	76	24611	1.971	ug/l	98
54) 2-Hexanone	8.37	43	40728	9.374	ug/l	99
55) Dibromochloromethane	8.48	129	17538	1.865	ug/l	100
56) 1,2-Dibromoethane	8.59	107	14457	2.020	ug/l	97
58) Tetrachloroethene	8.23	164	21298	1.975	ug/l	96
59) Chlorobenzene	9.12	112	55488	1.939	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	20330	1.913	ug/l	98
61) Pentachloroethane	11.10	117	15607	1.924	ug/l	100
62) Hexachloroethane	12.15	117	15305	1.848	ug/l	95
63) Ethyl Benzene	9.25	91	91674	1.926	ug/l	99
64) m/p-Xylenes	9.38	106	71146	3.802	ug/l	100
65) o-Xylene	9.78	106	34101	1.912	ug/l	99
66) Styrene	9.80	104	57107	1.886	ug/l	98
67) Bromoform	9.96	173	9771	1.761	ug/l #	96
69) Isopropylbenzene	10.17	105	91767	1.905	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	17273	1.859	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	11352	1.567	ug/l #	94
72) Bromobenzene	10.46	156	23518	1.880	ug/l	98
73) n-propylbenzene	10.59	120	25921	1.909	ug/l	97
74) 2-Chlorotoluene	10.66	126	22942	1.919	ug/l	91
75) 1,3,5-Trimethylbenzene	10.78	105	80782	1.920	ug/l	99
76) 4-Chlorotoluene	10.78	126	23761	1.891	ug/l	96
77) tert-Butylbenzene	11.10	119	76889	1.854	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	81705	1.903	ug/l	100
79) sec-Butylbenzene	11.33	105	104598	1.919	ug/l	100
80) Nitrobenzene	12.87	77	2937	10.383	ug/l #	82
81) p-Isopropyltoluene	11.48	119	86560	1.873	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	49978	1.942	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	48658	1.939	ug/l	96
84) n-Butylbenzene	11.90	91	84166	1.941	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	46618	1.984	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2991	1.951	ug/l	98
87) 1,2,4-Trichlorobenzene	13.51	180	36013	2.201	ug/l	96
88) Hexachlorobutadiene	13.70	225	20184	2.008	ug/l	97
89) Naphthalene	13.75	128	47844	1.802	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	29002	1.940	ug/l	99

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

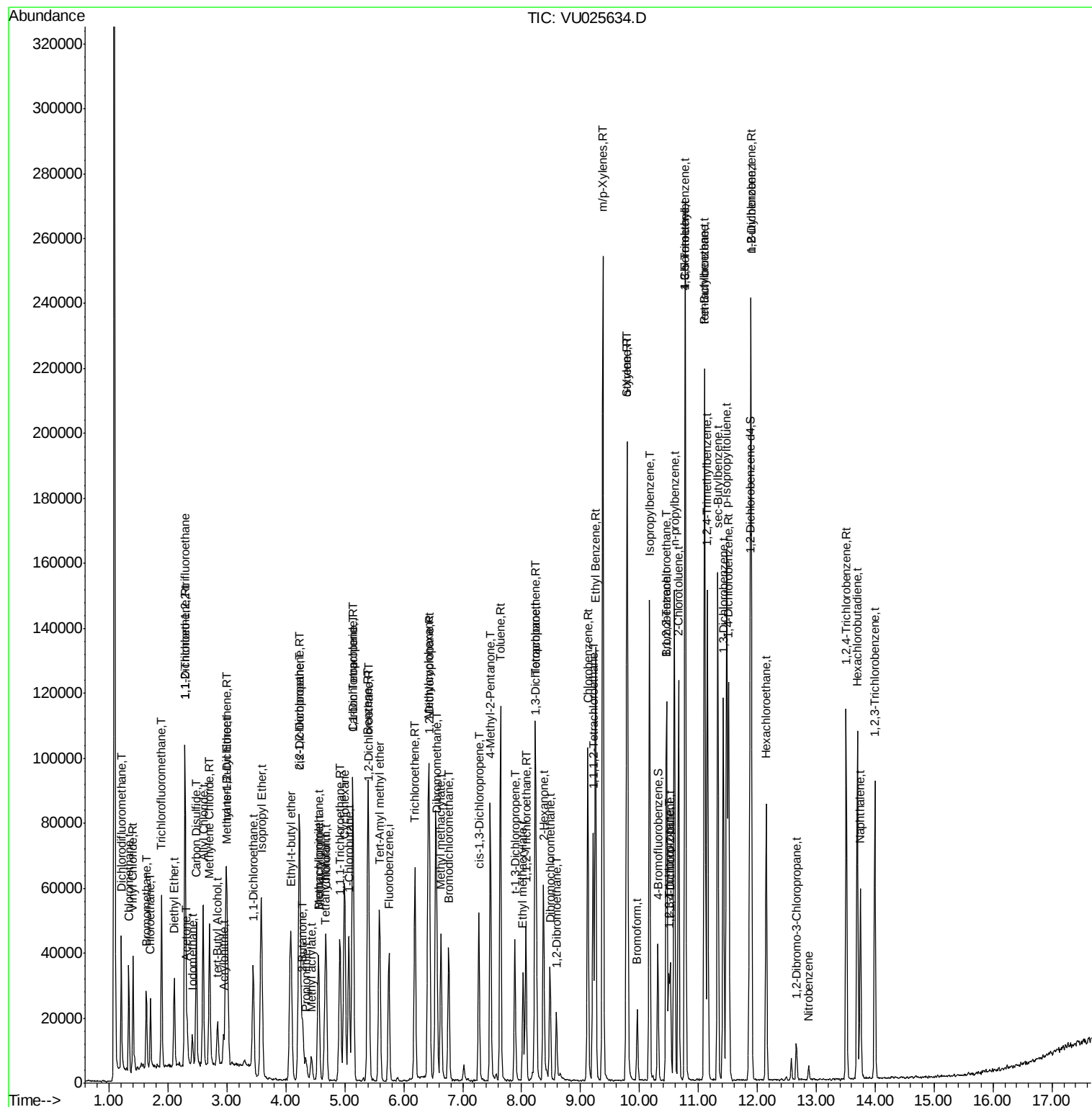
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072518\
Data File : VU025634.D
Acq On : 25 Jul 2018 13:54
Operator : MD/SY
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

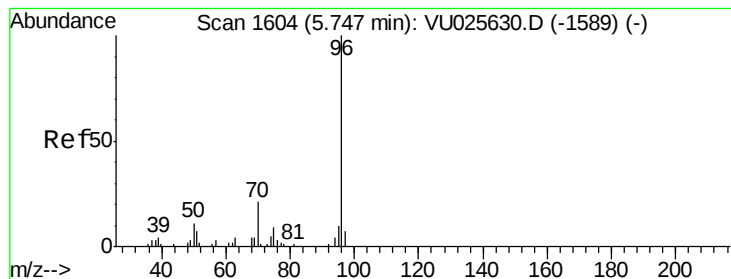
Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

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Quant Time: Jul 26 03:36:57 2018
Quant Method : Z:\V0ASRV\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





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

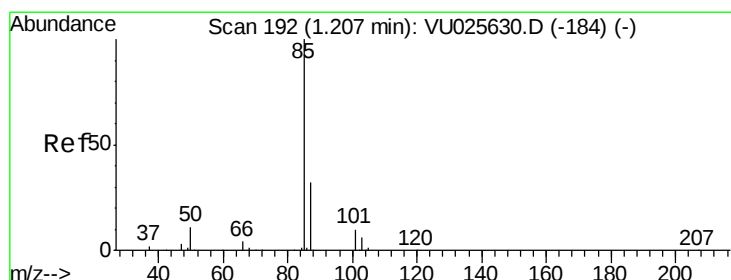
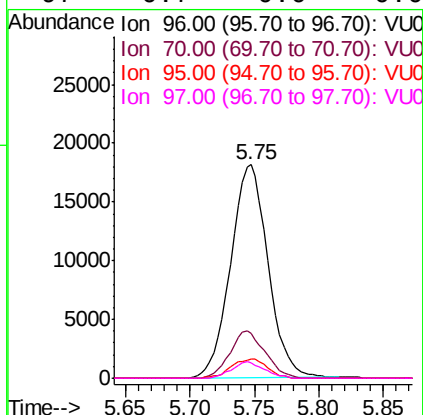
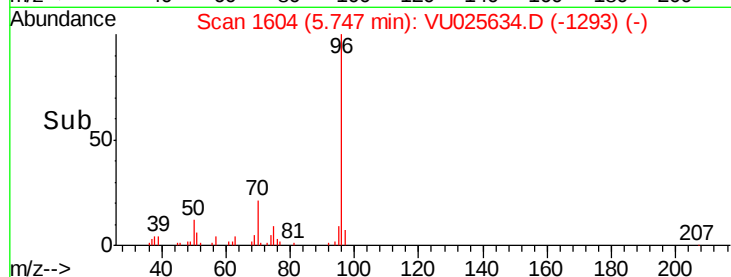
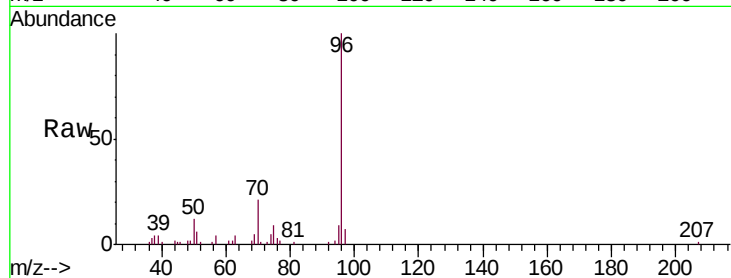
ClientSampleId :

VU0725WBS01

Tot Ion:	96	Resp:	36554
Ion	Ratio	Lower	Upper
96	100		
70	20.8	16.2	24.4
95	8.8	6.9	10.3
97	6.7	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.965 ug/l

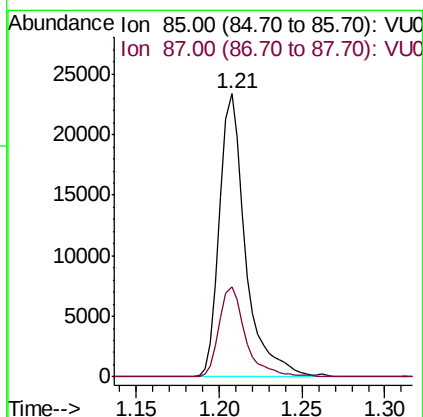
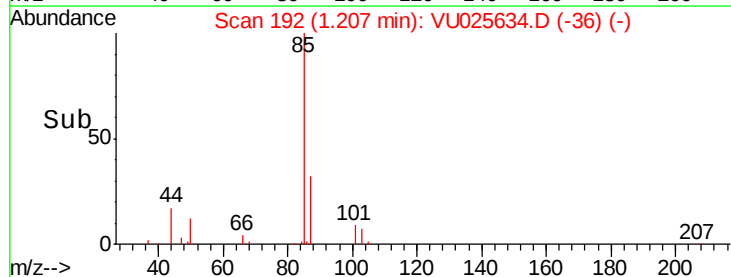
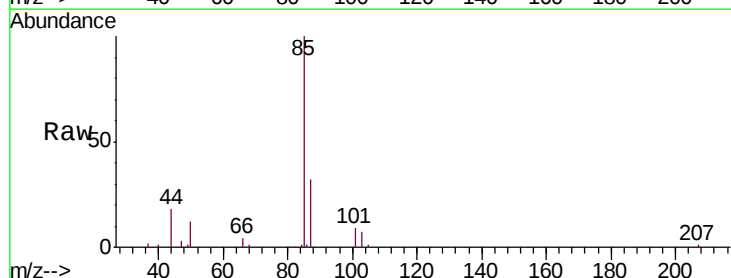
RT: 1.21 min Scan# 192

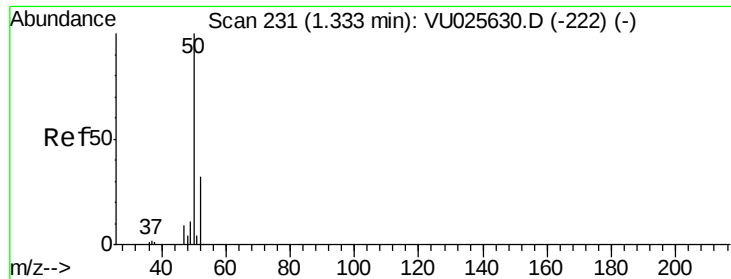
Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	85	Resp:	25616
Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.2	48.5





#3

Chloromethane

Concen: 1.983 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion: 50 Resp: 24441

Ion Ratio Lower Upper

50 100

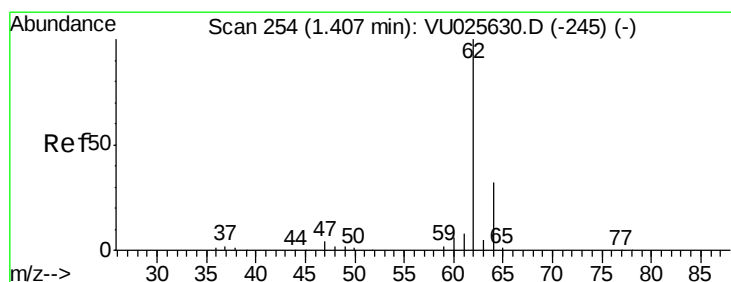
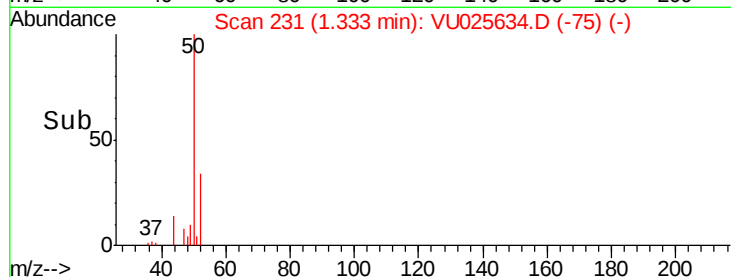
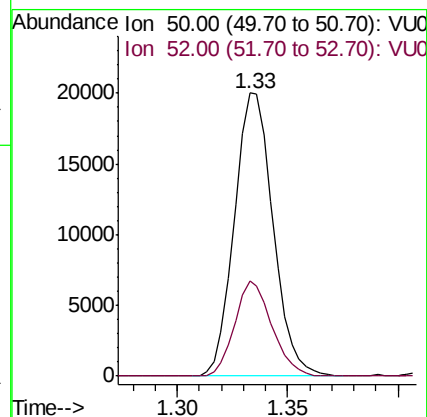
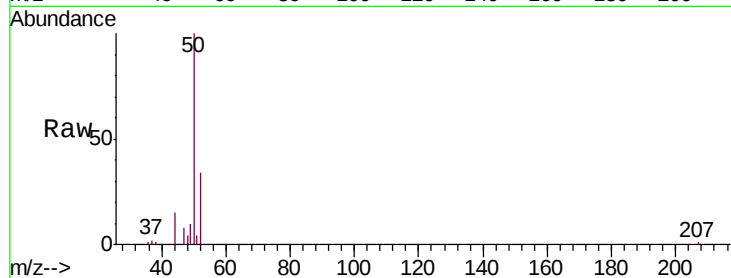
52 33.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.918 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025634.D

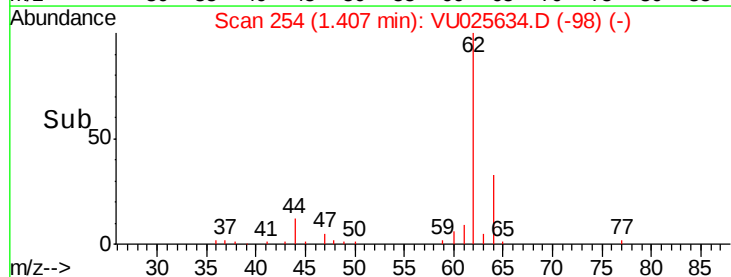
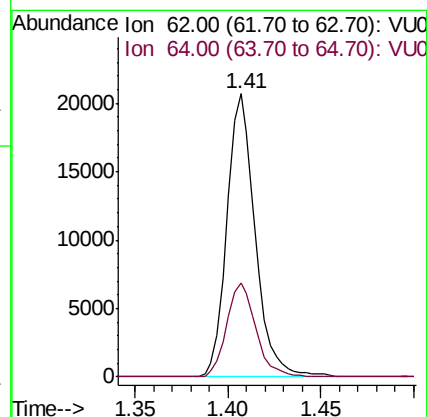
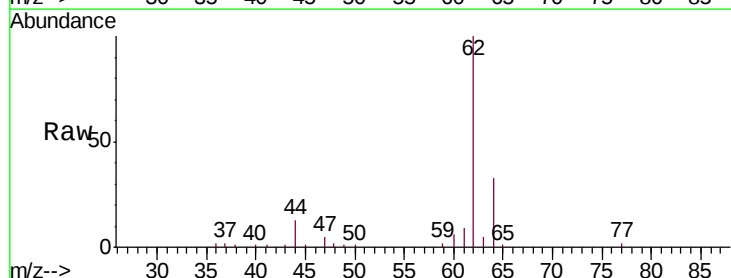
Acq: 25 Jul 2018 13:54

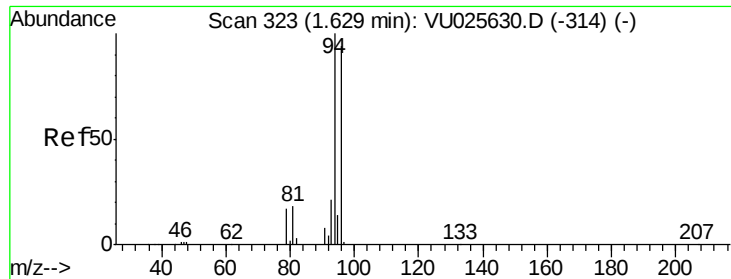
Tgt Ion: 62 Resp: 21874

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.8





#5

Bromomethane

Concen: 1.833 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion: 94 Resp: 10181

Ion Ratio Lower Upper

94 100

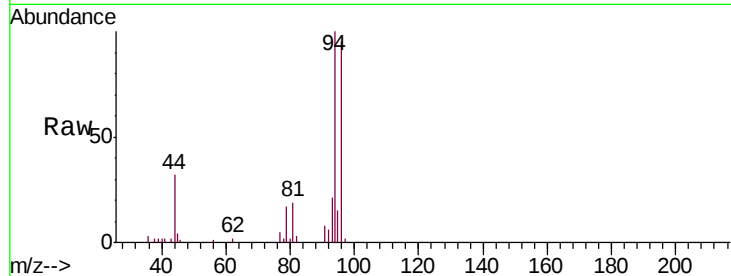
96 95.2 75.1 112.7

Manual Integrations

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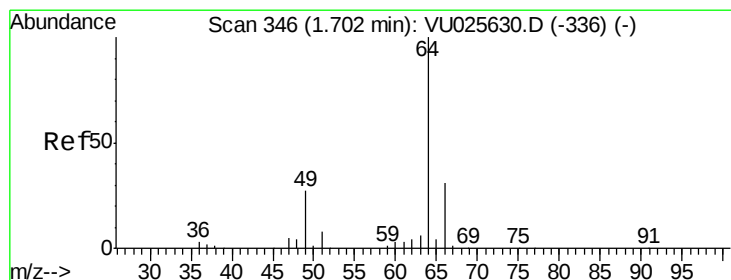
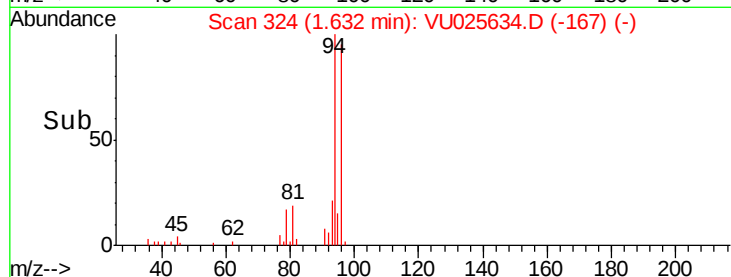
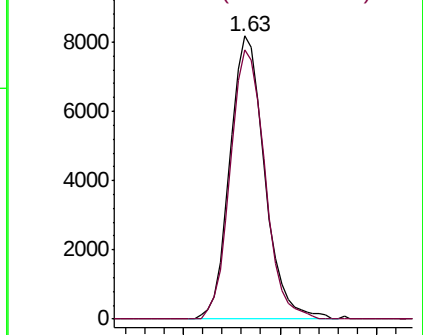
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.951 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU025634.D

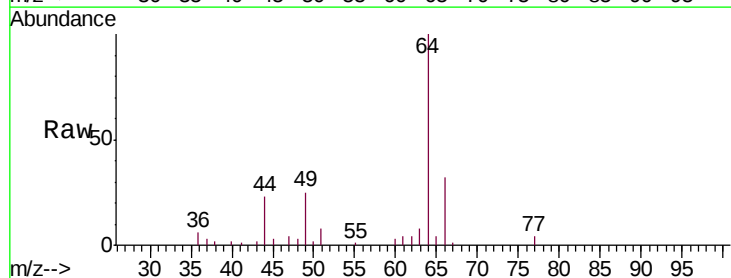
Acq: 25 Jul 2018 13:54

Tgt Ion: 64 Resp: 13354

Ion Ratio Lower Upper

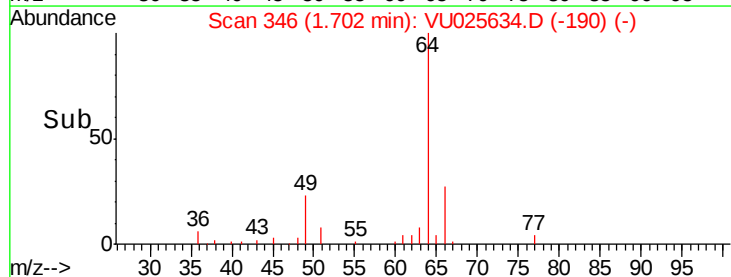
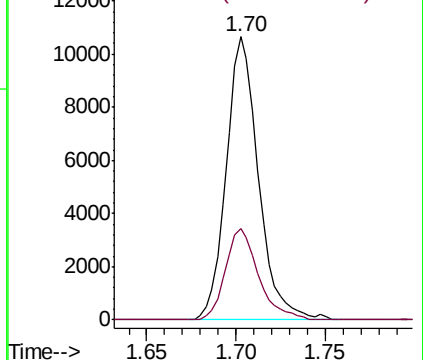
64 100

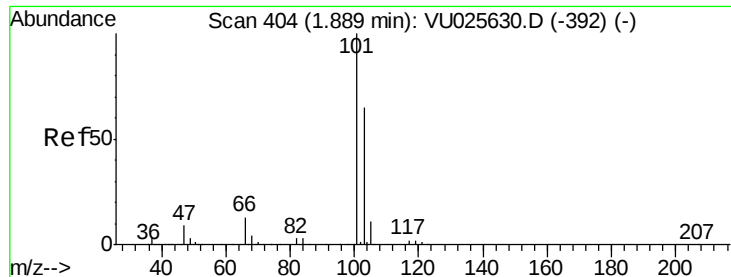
66 32.2 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

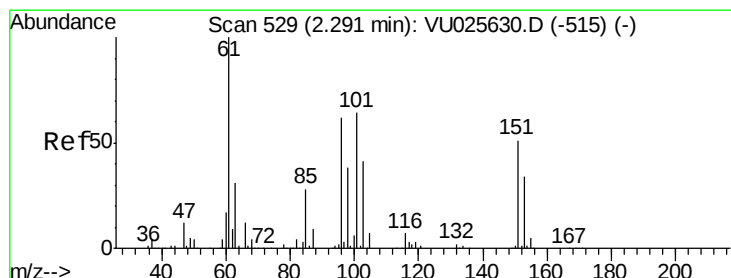
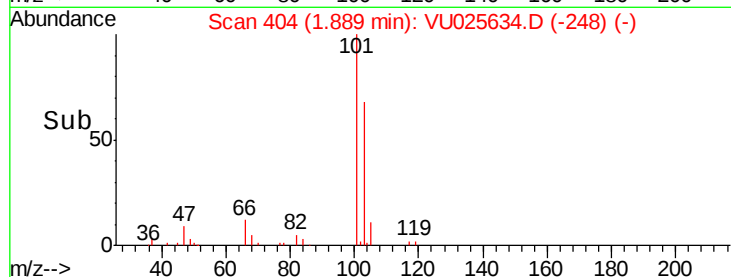
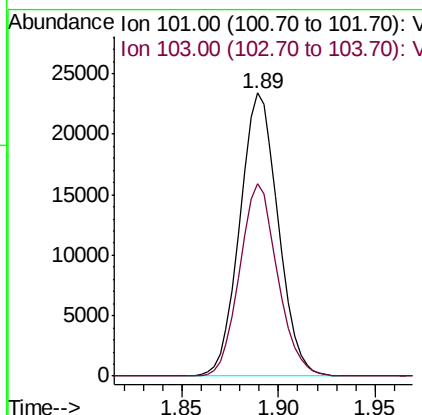
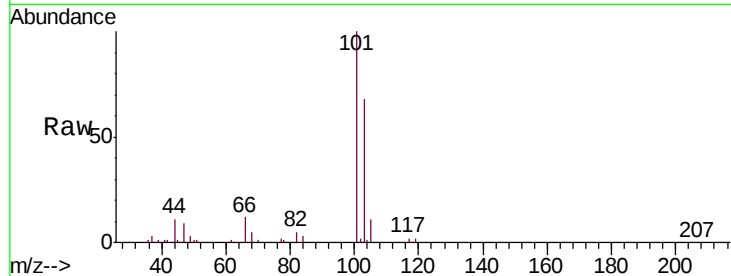
Trichlorofluoromethane
 Concen: 1.936 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.1	51.4	77.0

Manual Integrations
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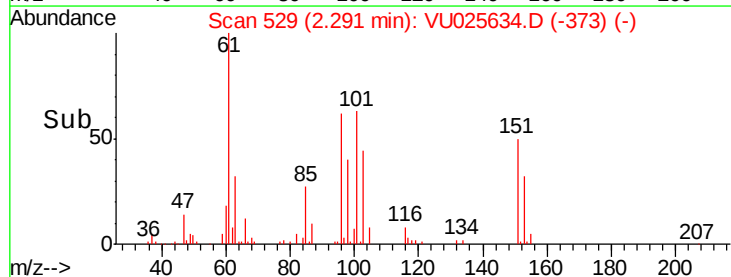
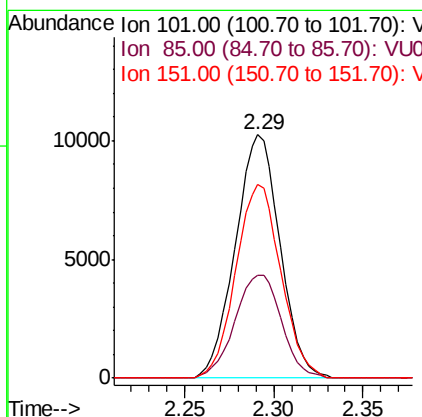
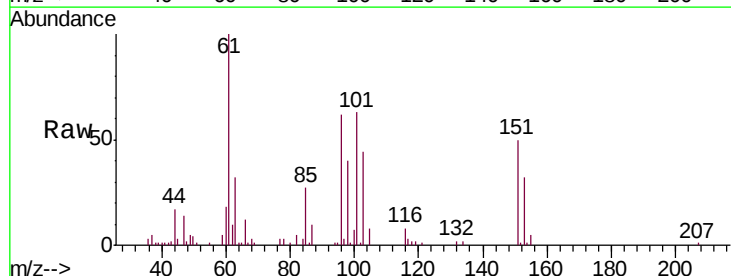
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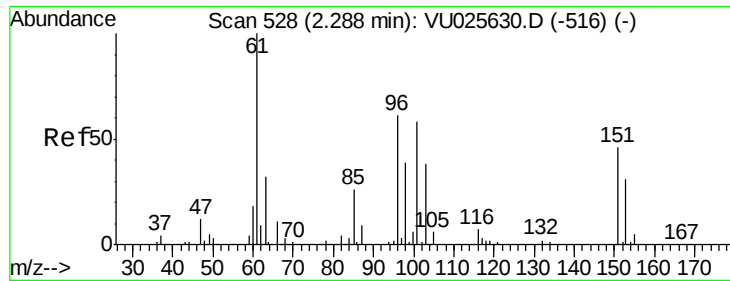


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.963 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.2	52.8
151	80.1	63.5	95.3





#9

1,1-Dichloroethene

Concen: 1.982 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

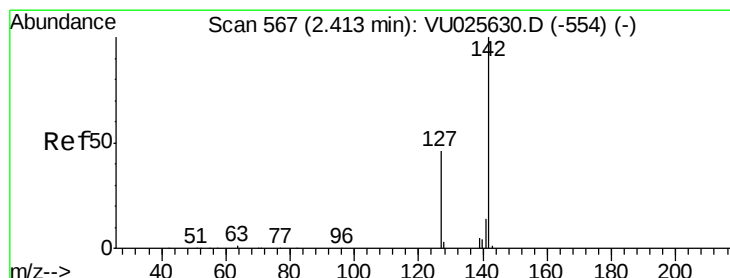
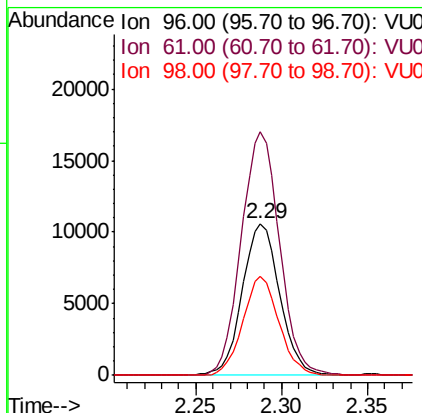
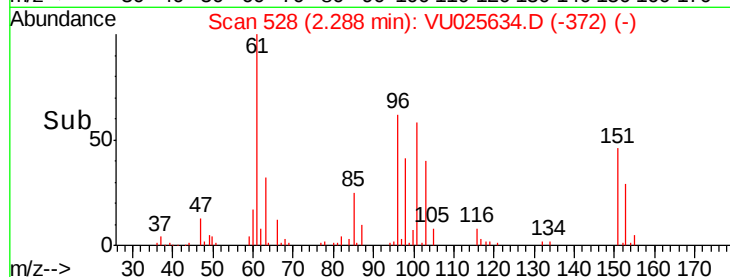
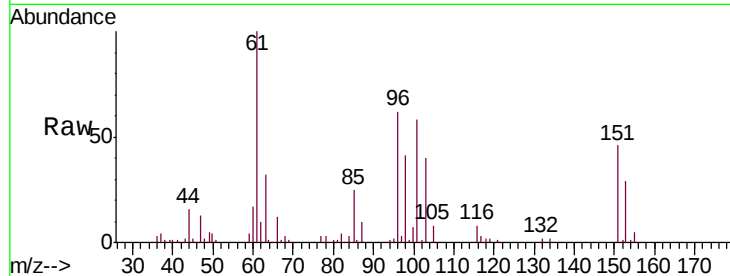
ClientSampleId :

VU0725WBS01

Tot Ion:	96	Resp:	15969
Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	526.5
98	65.1	0.0	123.4

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#10

Iodomethane

Concen: 1.830 ug/l

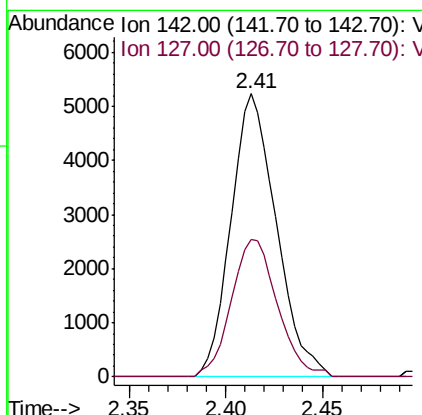
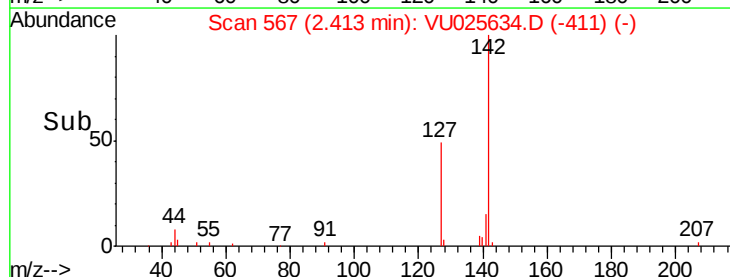
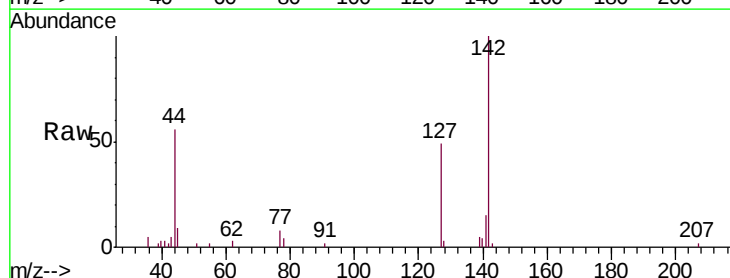
RT: 2.41 min Scan# 567

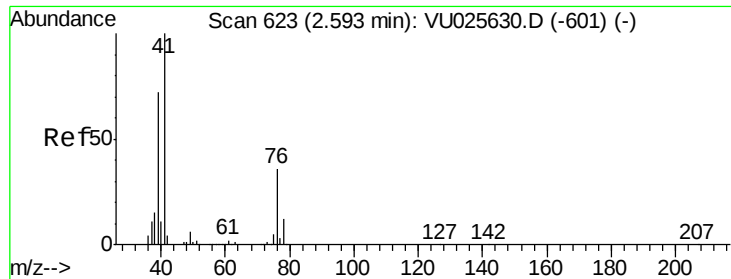
Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	142	Resp:	8505
Ion	Ratio	Lower	Upper
142	100		
127	49.5	34.5	51.7





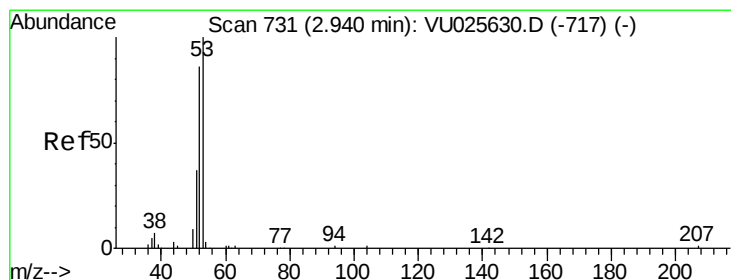
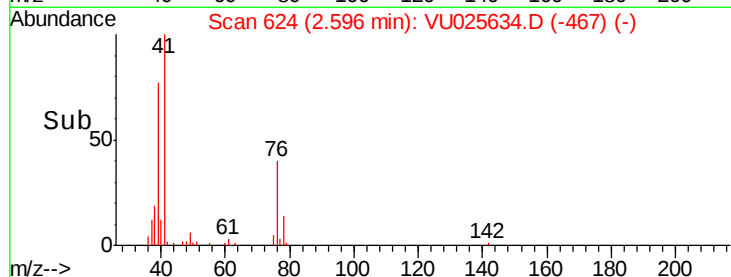
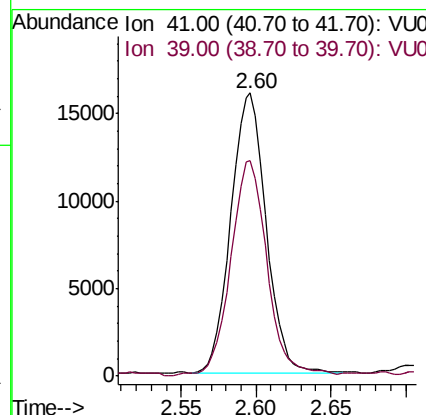
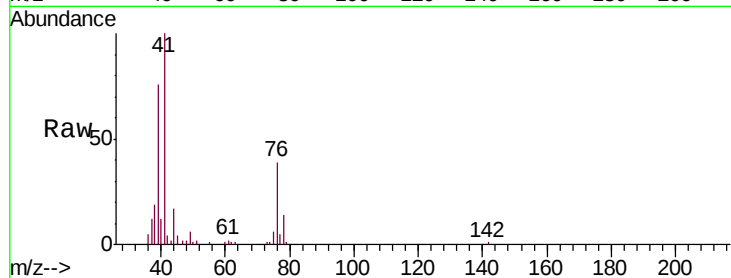
#11
Allvl Chloride
Concen: 1.956 ug/l
RT: 2.60 min Scan# 624
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tot Ion: 41 Resp: 26347
Ion Ratio Lower Upper
41 100
39 79.7 51.4 77.2#

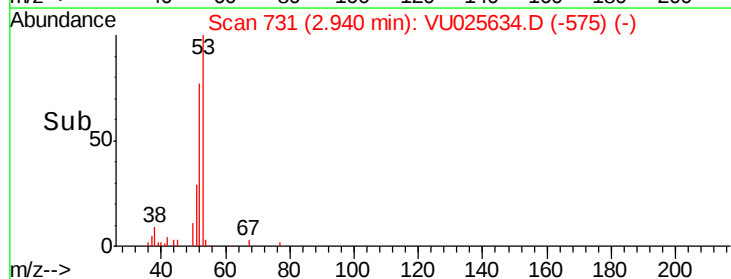
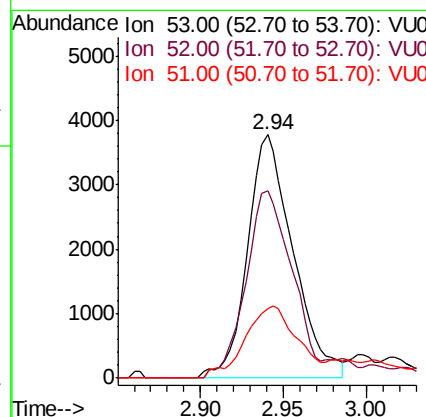
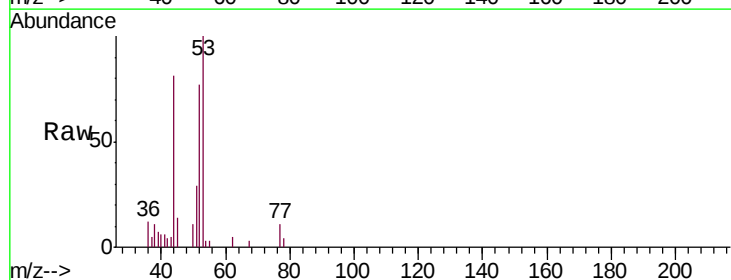
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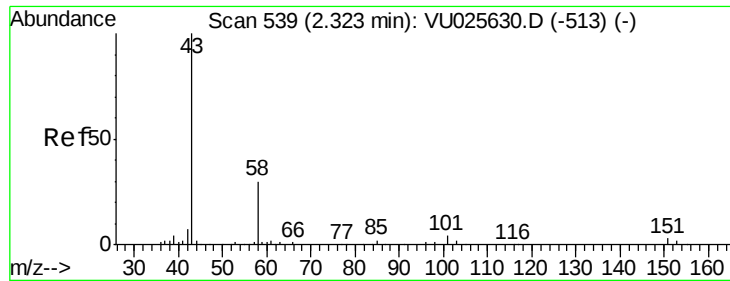
apatel
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#12
Acrylonitrile
Concen: 4.063 ug/l
RT: 2.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion: 53 Resp: 7218
Ion Ratio Lower Upper
53 100
52 78.4 65.1 97.7
51 34.3 30.2 45.4





#13

Acetone

Concen: 10.246 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tot Ion: 43 Resp: 15831

Ion Ratio Lower Upper

43 100

58 29.6 26.0 39.0

Instrument :

MSVOA_U

ClientSampled :

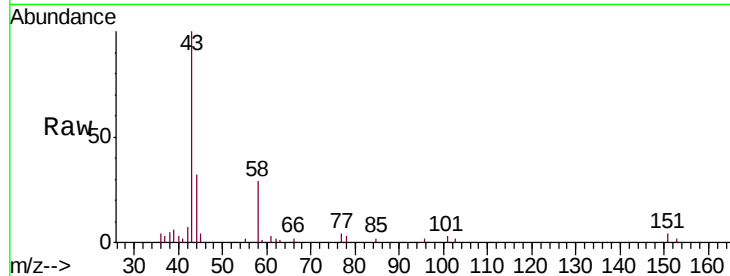
VU0725WBS01

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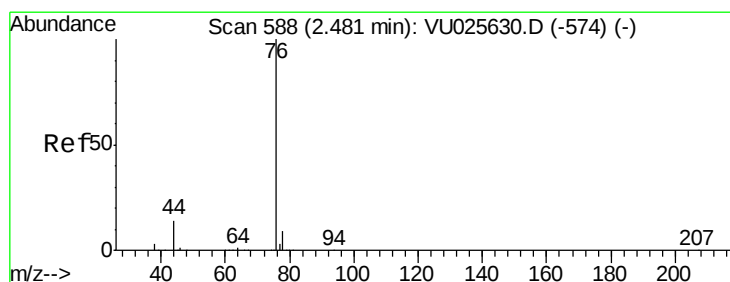
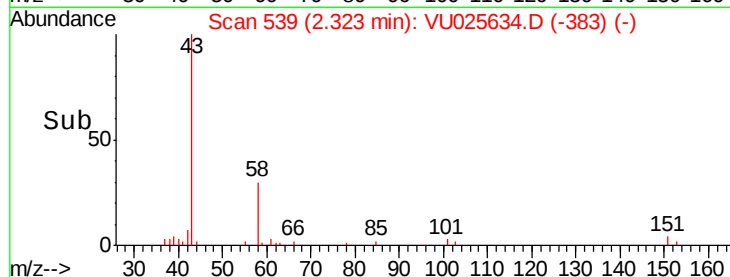
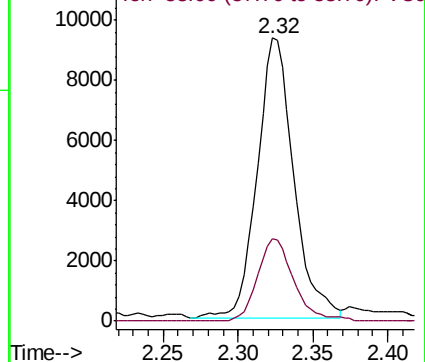
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 1.919 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025634.D

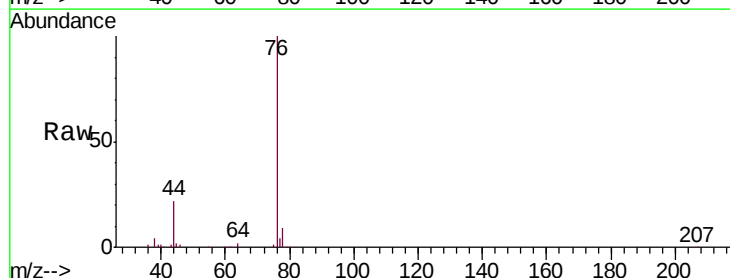
Acq: 25 Jul 2018 13:54

Tgt Ion: 76 Resp: 52888

Ion Ratio Lower Upper

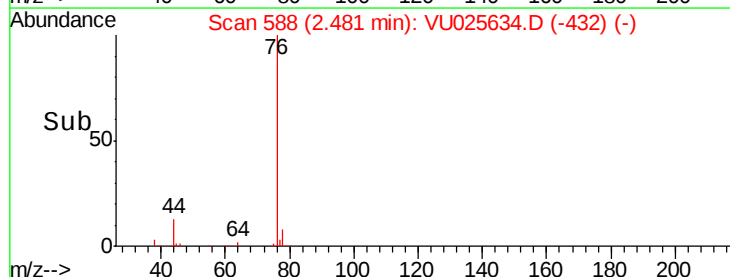
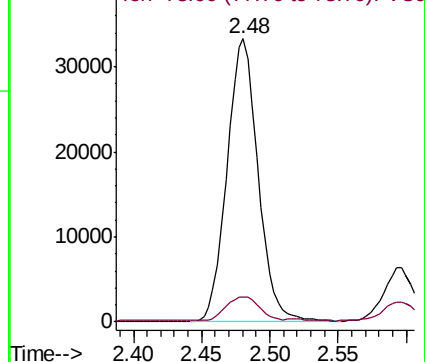
76 100

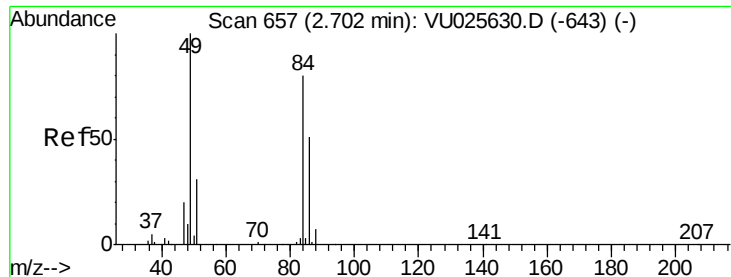
78 8.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





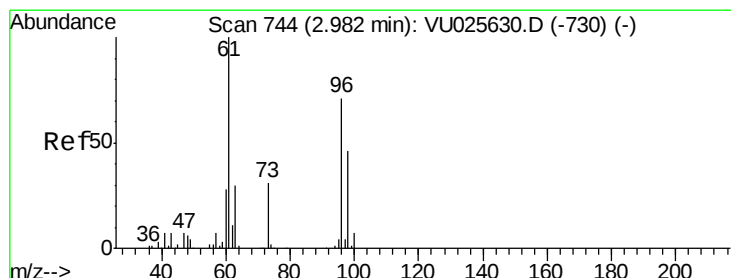
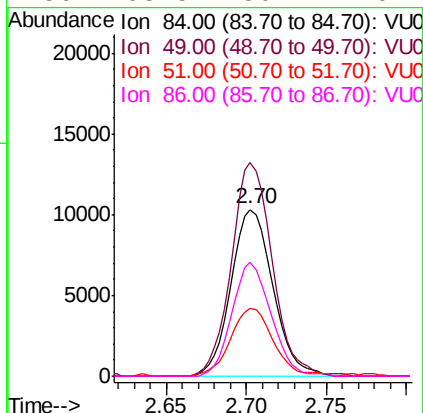
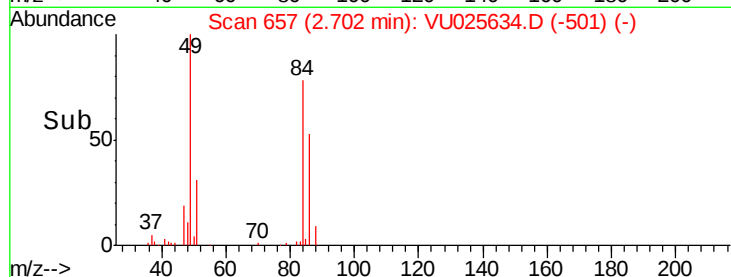
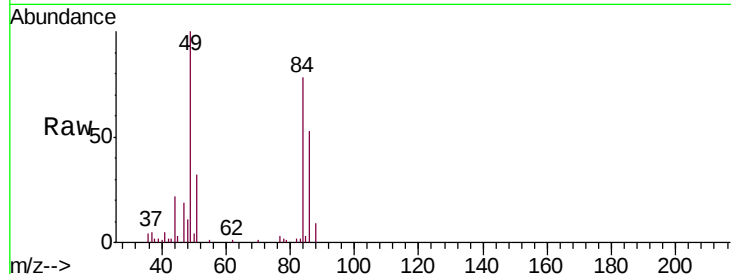
#15
Methvlene Chloride
Concen: 1.922 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tot Ion:	84	Resp:	18462
Ion	Ratio	Lower	Upper
84	100		
49	128.4	108.7	163.1
51	41.0	0.0	82.4
86	68.5	50.7	76.1

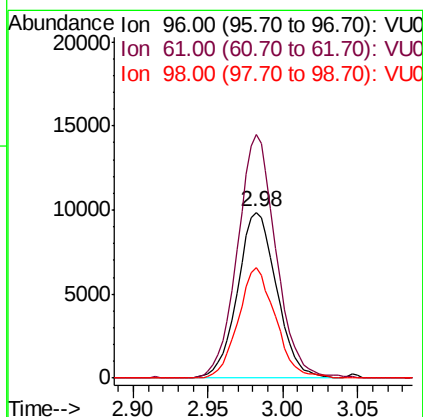
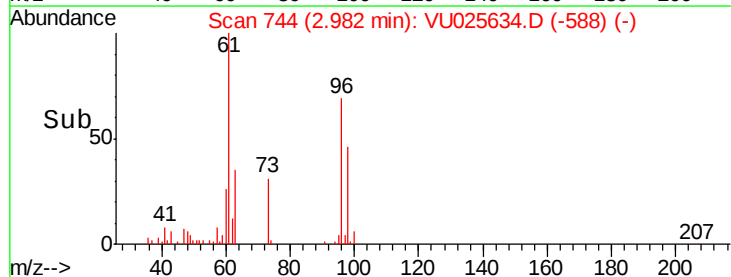
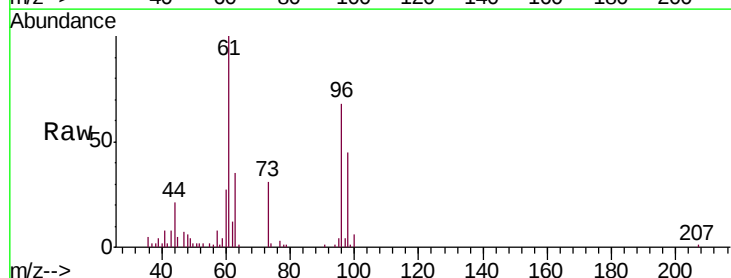
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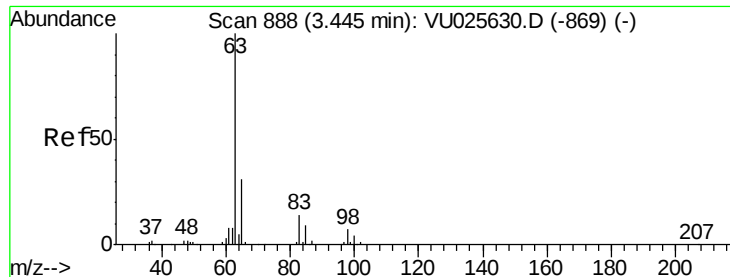
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#16
trans-1,2-Dichloroethene
Concen: 1.980 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion:	96	Resp:	17895
Ion	Ratio	Lower	Upper
96	100		
61	146.8	123.9	185.9
98	66.8	50.6	76.0





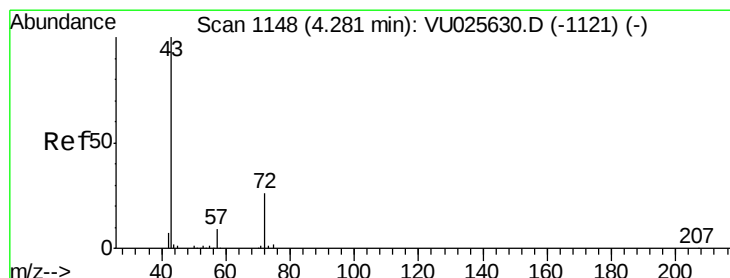
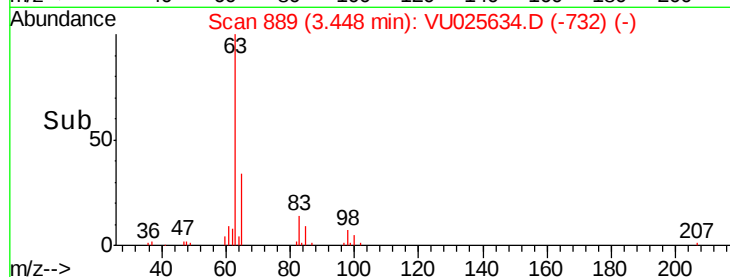
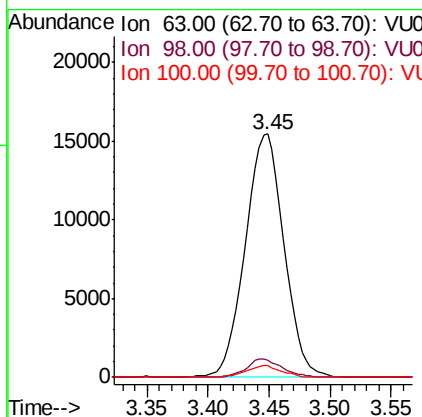
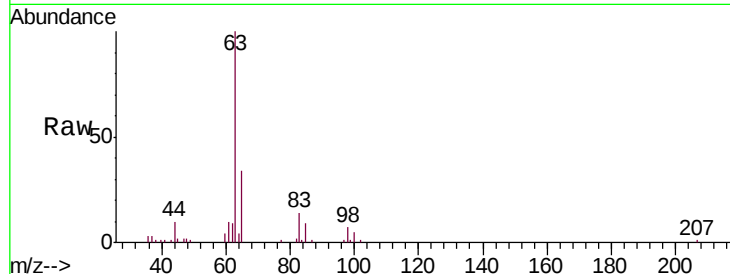
#17
 1,1-Dichloroethane
 Concen: 1.891 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.9	2.9	8.8	
100	4.8	2.0	5.8	

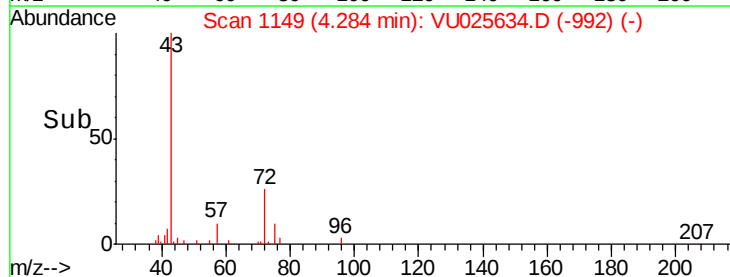
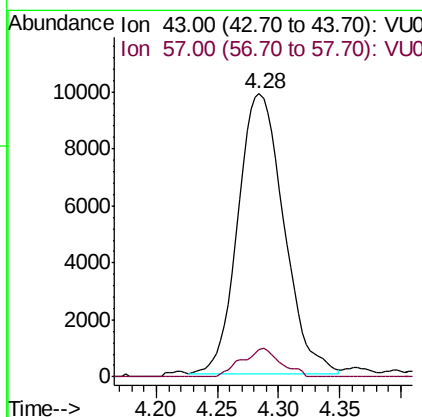
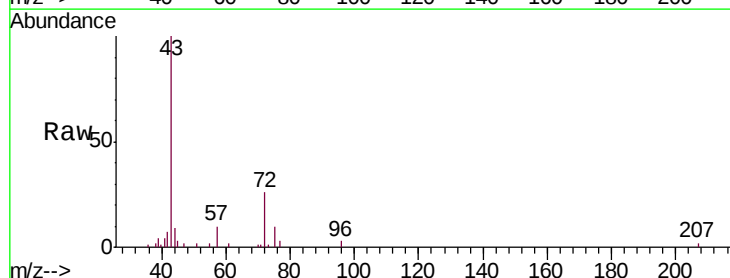
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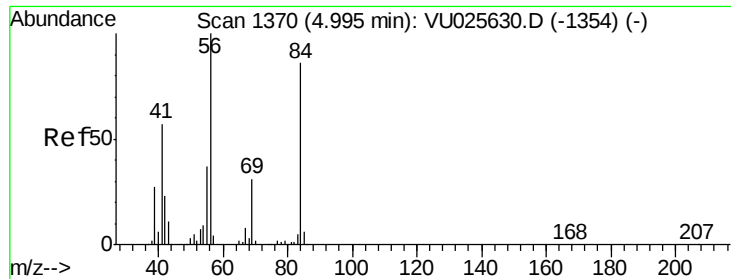
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#18
 2-Butanone
 Concen: 9.476 ug/l
 RT: 4.28 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	9.9	0.0	15.8	





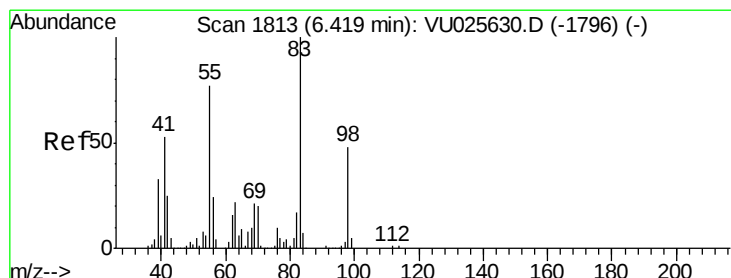
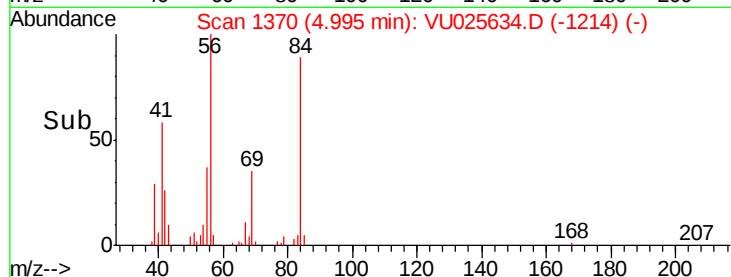
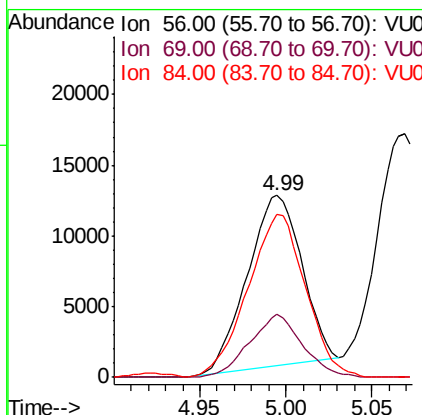
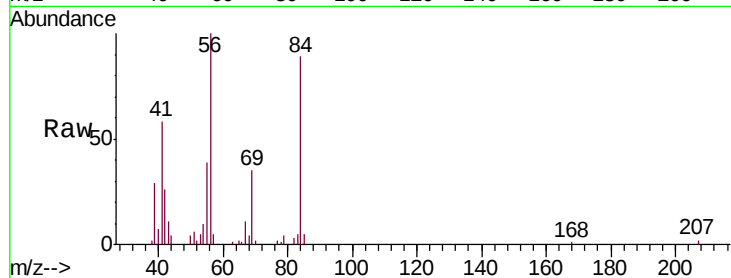
#19
Cyclohexane
Concen: 1.930 ug/l
RT: 4.99 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	26.0	39.0
84	100.8	68.3	102.5

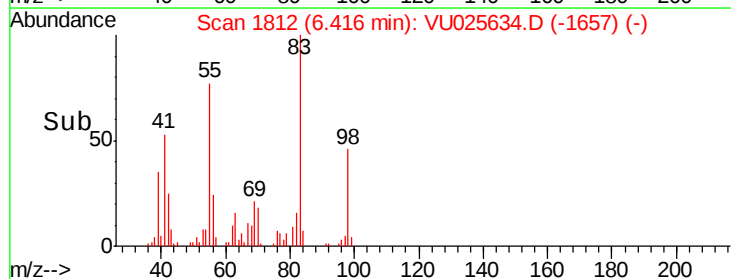
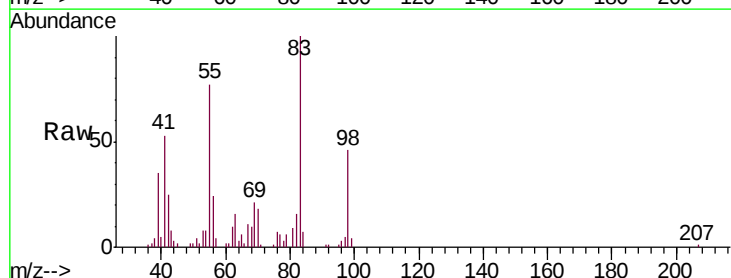
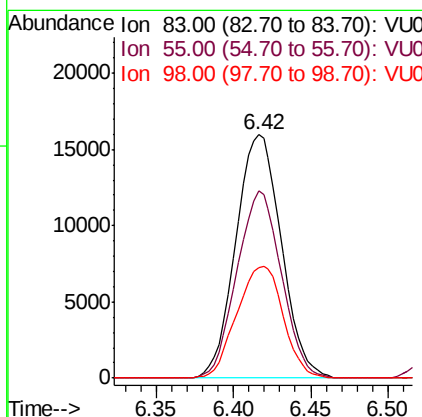
Manual Integrations
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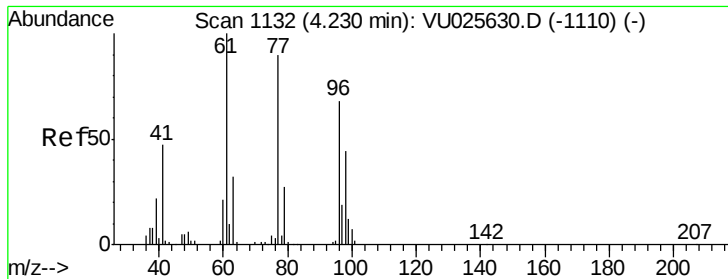
apatel
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#20
Methylcyclohexane
Concen: 1.928 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.1	66.4	99.6
98	47.0	35.4	53.2





#21

2,2-Dichloropropane

Concen: 2.059 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion: 77 Resp: 35180

Ion Ratio Lower Upper

77 100

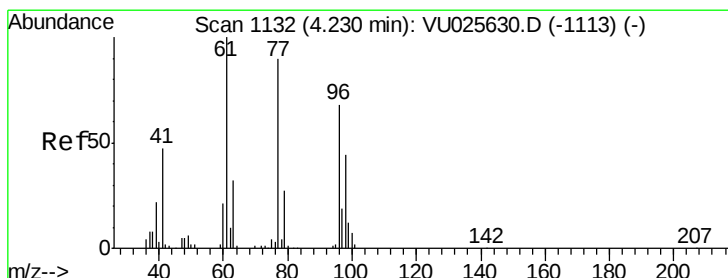
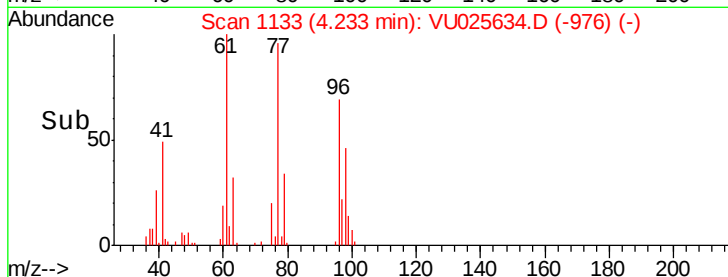
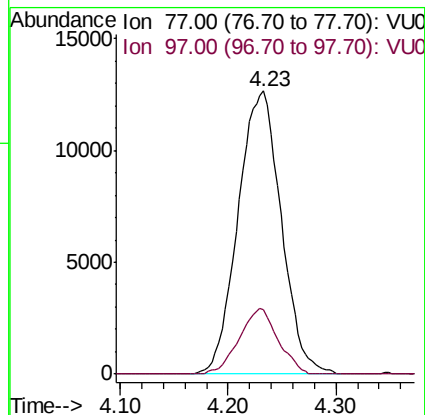
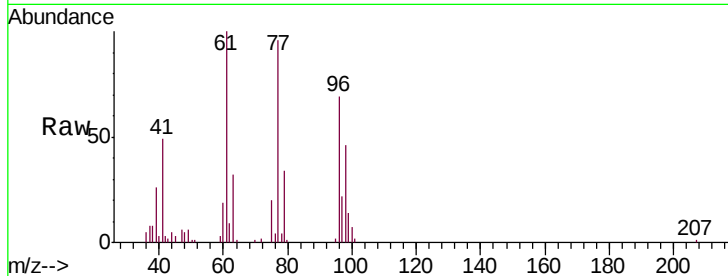
97 20.8 17.9 26.9

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 2.015 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

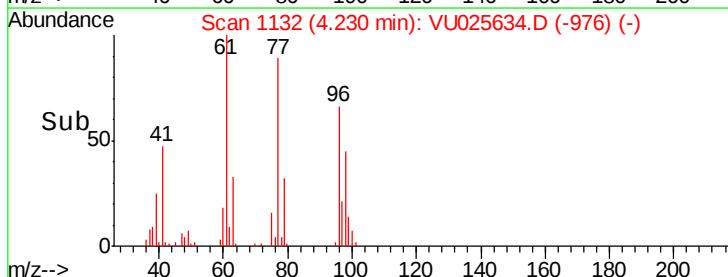
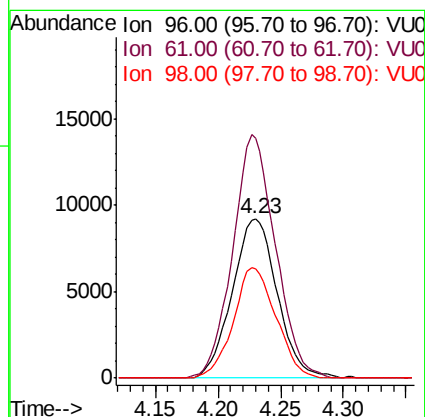
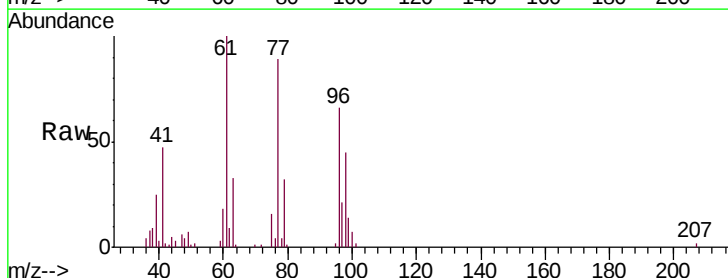
Tgt Ion: 96 Resp: 22924

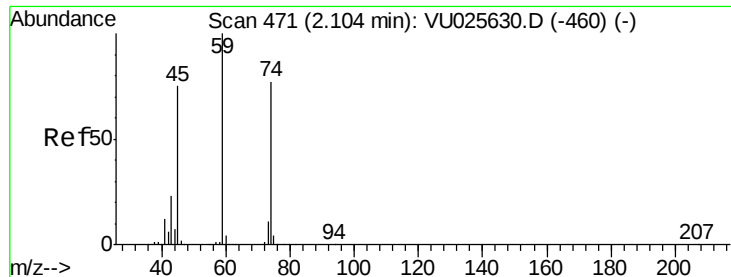
Ion Ratio Lower Upper

96 100

61 145.1 0.0 400.5

98 65.5 32.2 96.6





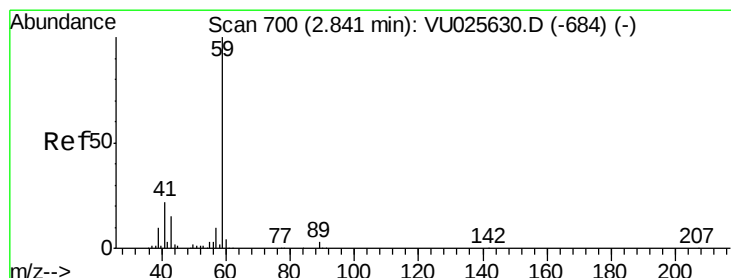
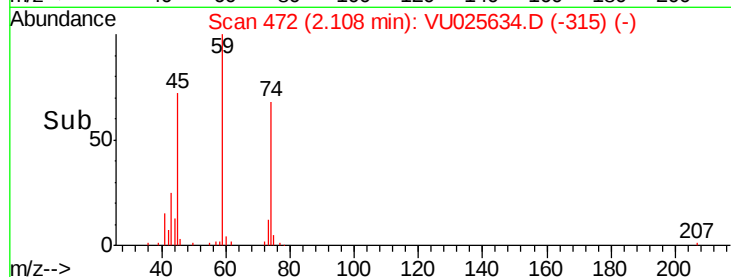
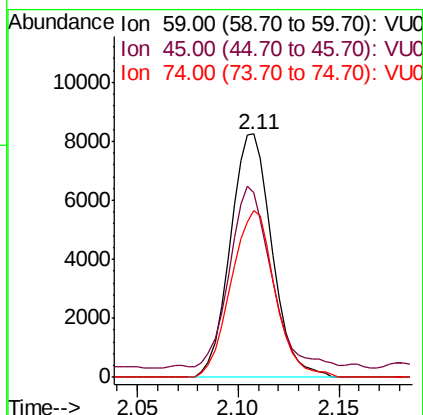
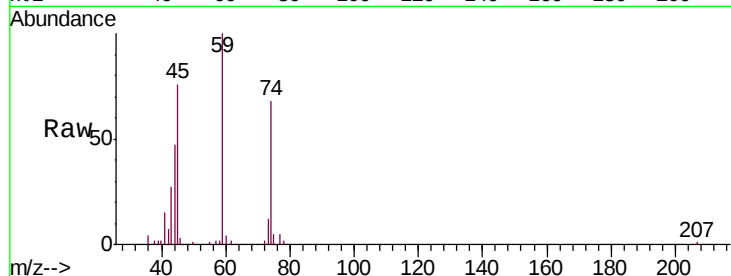
#23
Diethyl Ether
Concen: 1.959 ug/l
RT: 2.11 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
45	74.6	60.0	90.0
74	72.1	56.5	84.7

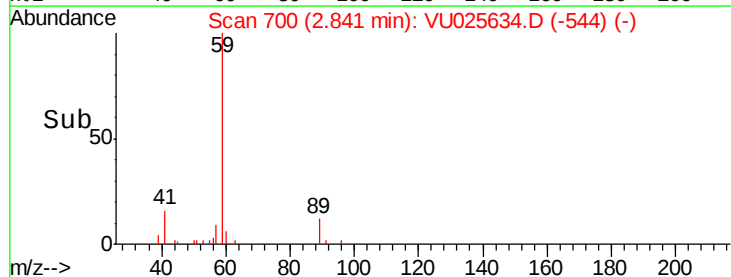
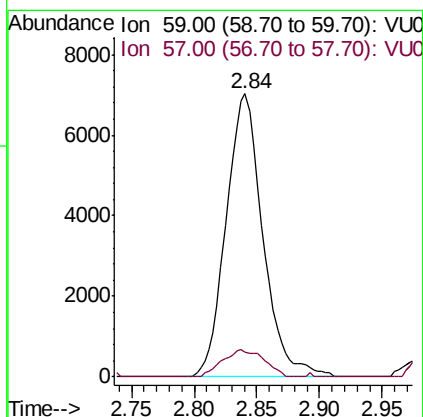
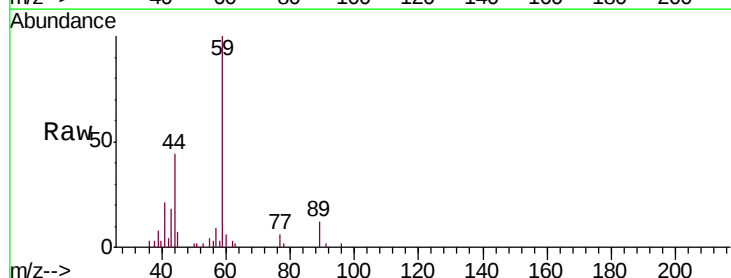
Manual Integrations
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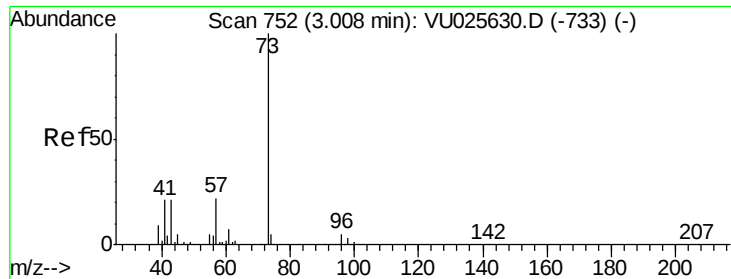
apatel
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#24
tert-Butyl Alcohol
Concen: 19.926 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.9	3.4	5.2#





#25

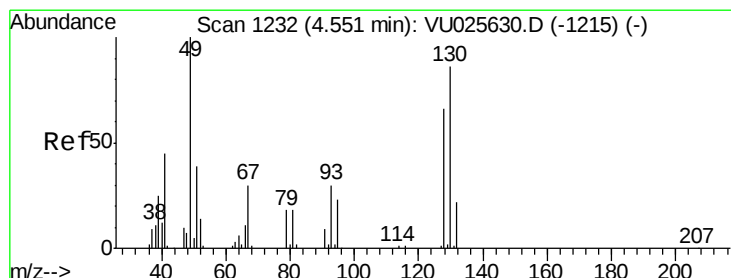
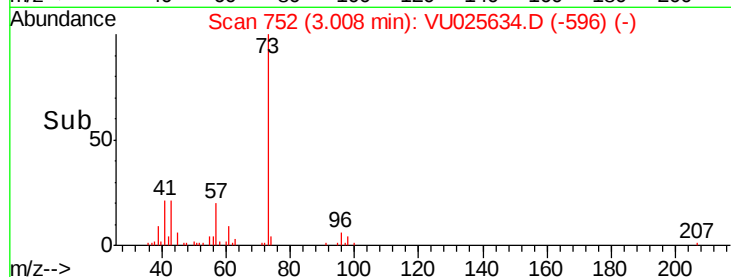
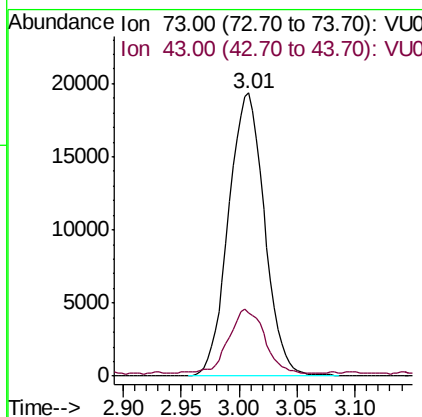
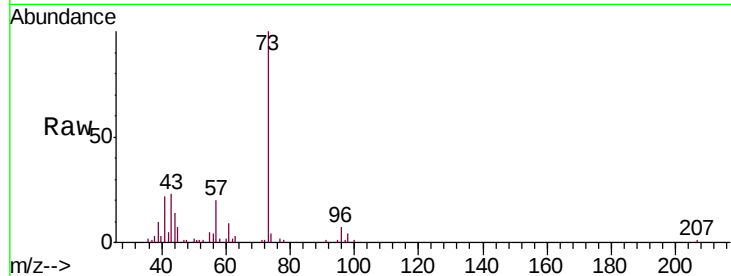
Methyl tert-Butyl Ether
 Concen: 1.911 ug/l
 RT: 3.01 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Tot Ion	73	Resp	41646
Ion Ratio	Lower	Upper	
73	100		
43	22.6	16.2	24.2

Manual Integrations
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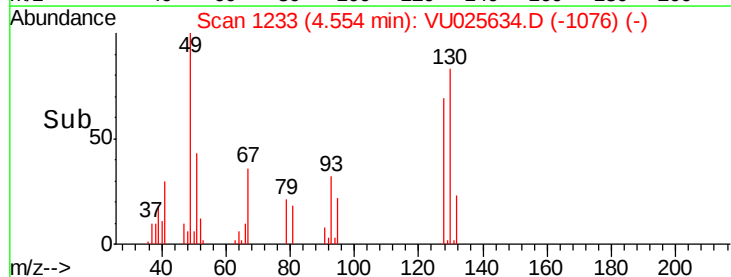
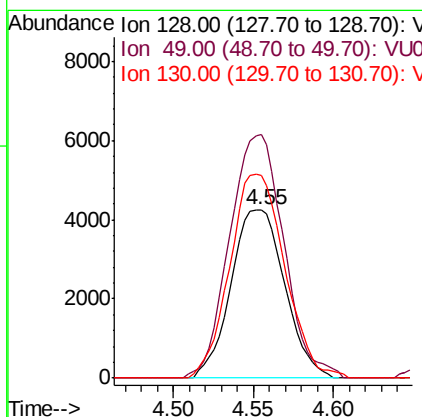
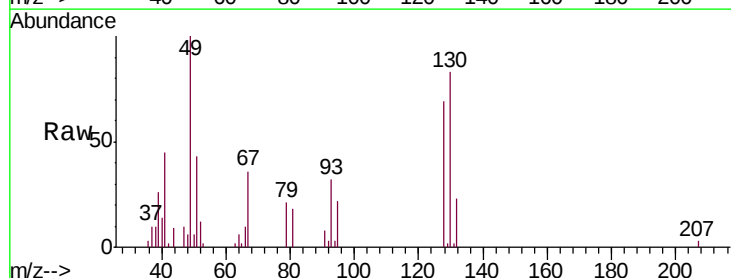
apatel
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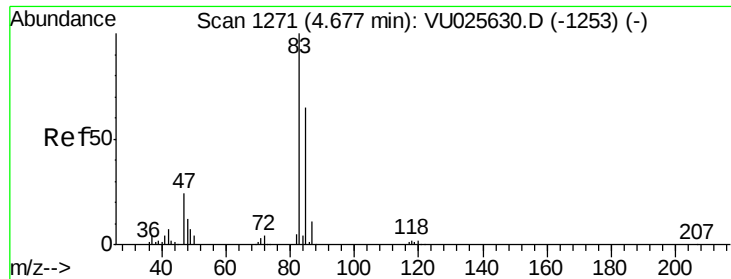


#26

Bromochloromethane
 Concen: 1.952 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion	128	Resp	9778
Ion Ratio	Lower	Upper	
128	100		
49	146.2	0.0	375.2
130	124.2	105.8	158.6





#27

Chloroform

Concen: 1.887 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion: 83 Resp: 37163

Ion Ratio Lower Upper

83 100

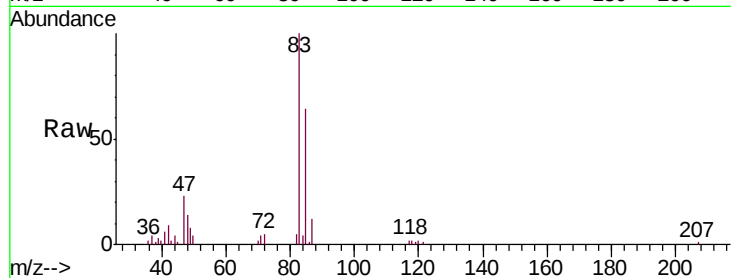
85 63.8 0.0 128.4

Manual Integrations

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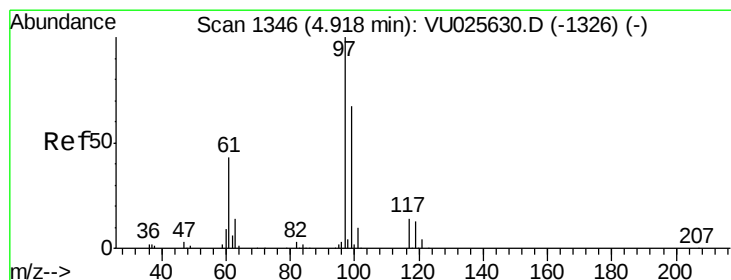
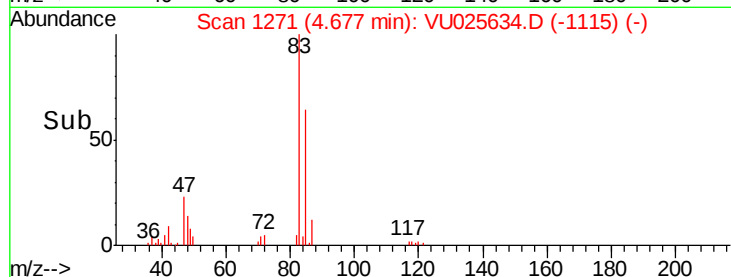
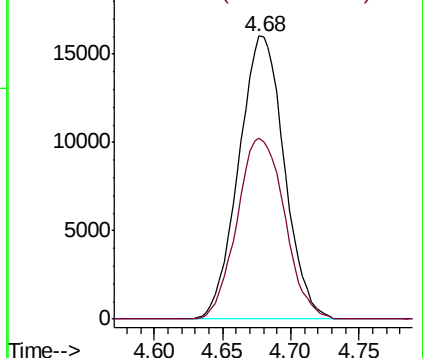
apatel

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Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 1.875 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

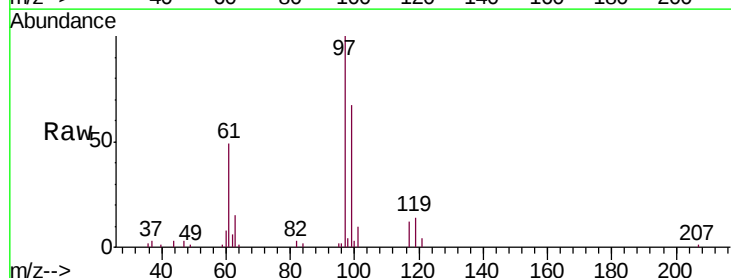
Tgt Ion: 97 Resp: 33309

Ion Ratio Lower Upper

97 100

99 67.4 32.3 96.9

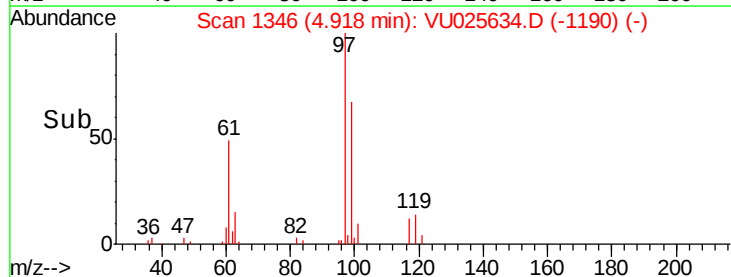
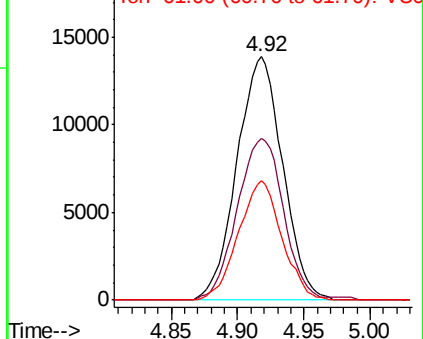
61 46.5 23.2 69.5

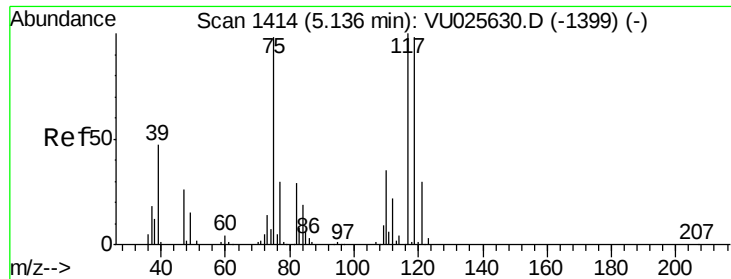


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 1.975 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

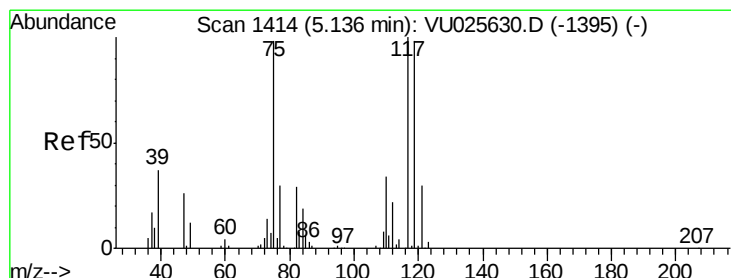
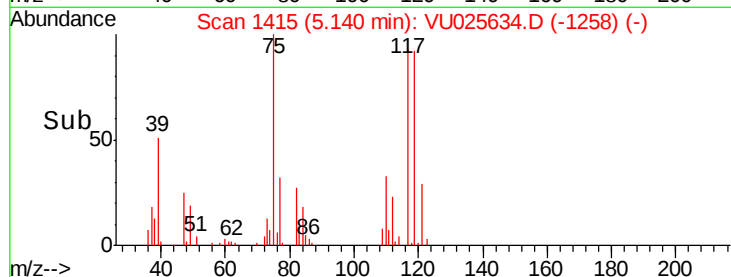
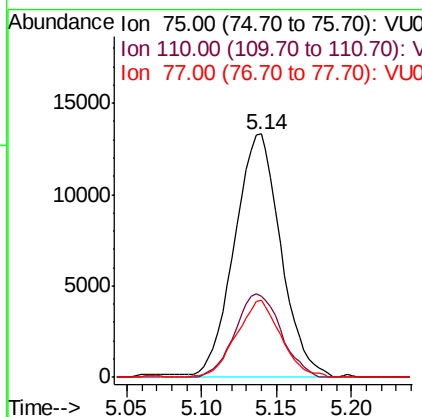
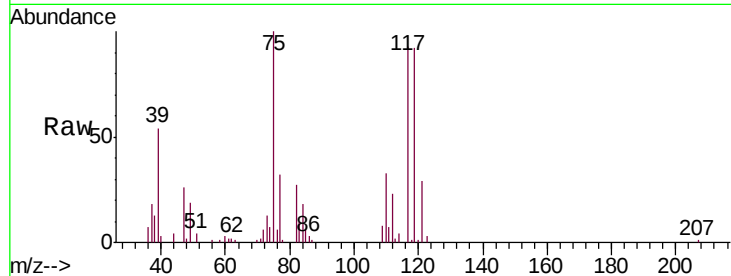
ClientSampleId :

VU0725WBS01

Tot Ion:	75	Resp:	28765
Ion Ratio	Lower	Upper	
75	100		
110	33.9	16.9	50.7
77	30.3	24.8	37.2

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 1.883 ug/l

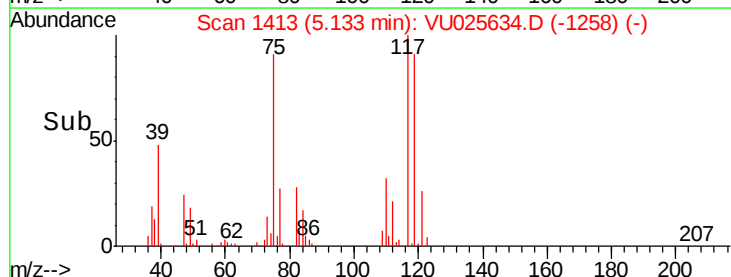
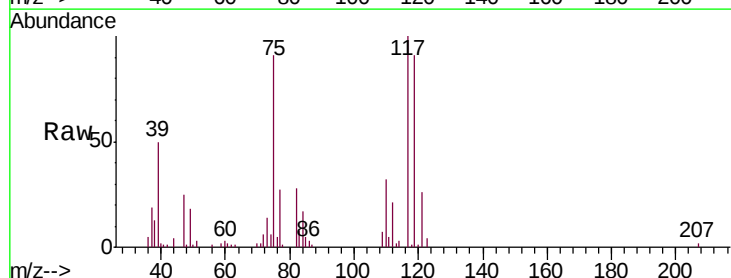
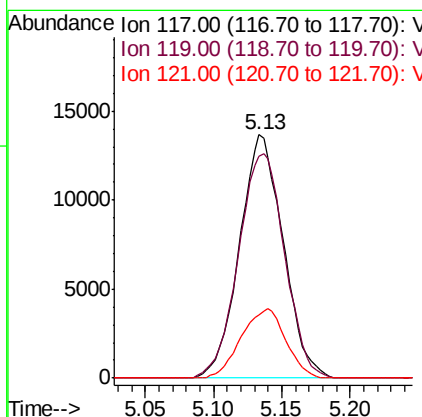
RT: 5.13 min Scan# 1413

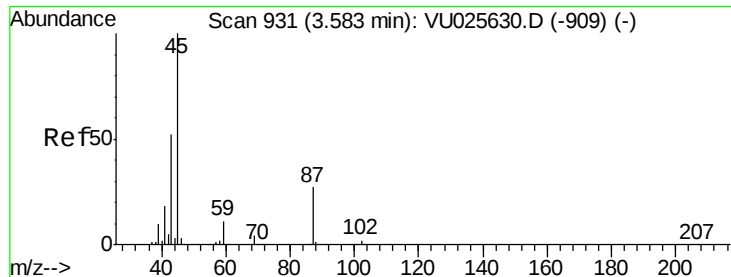
Delta R.T. -0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	117	Resp:	30375
Ion Ratio	Lower	Upper	
117	100		
119	91.0	77.3	115.9
121	26.2	24.5	36.7





#31

Isopropyl Ether

Concen: 1.936 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion: 45 Resp: 55575

Ion Ratio Lower Upper

45 100

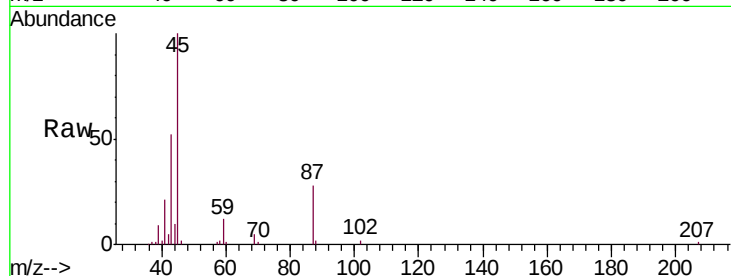
43 51.2 24.0 72.0

Manual Integrations

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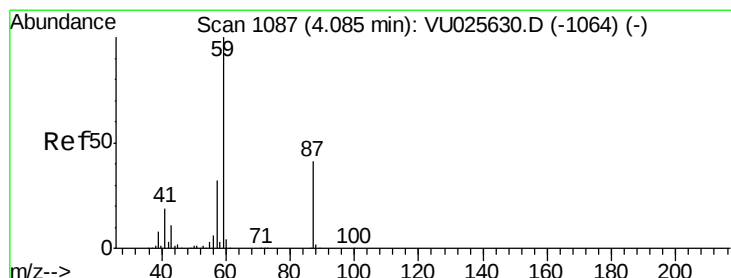
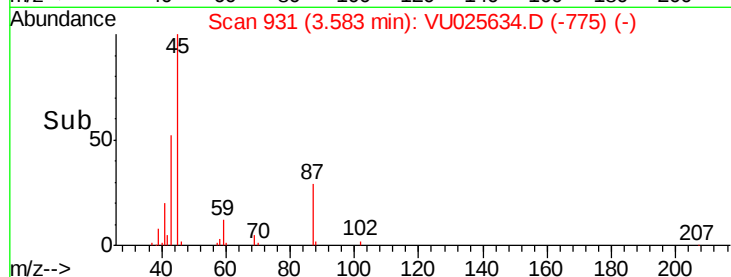
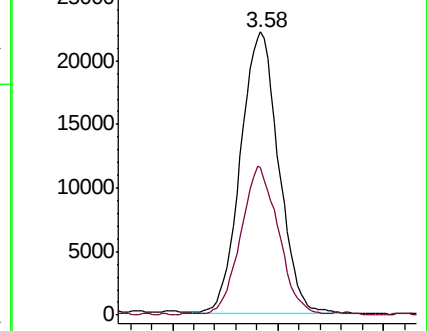
apatel

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Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 1.891 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VU025634.D

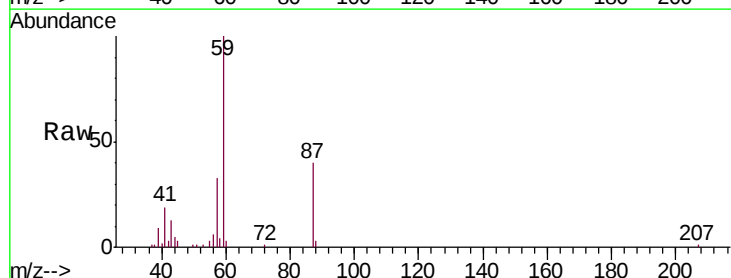
Acq: 25 Jul 2018 13:54

Tgt Ion: 59 Resp: 51600

Ion Ratio Lower Upper

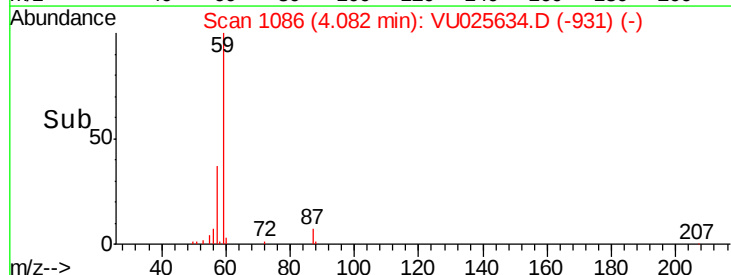
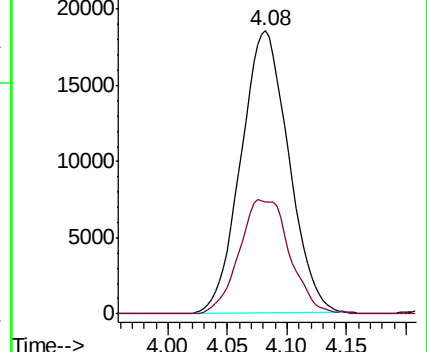
59 100

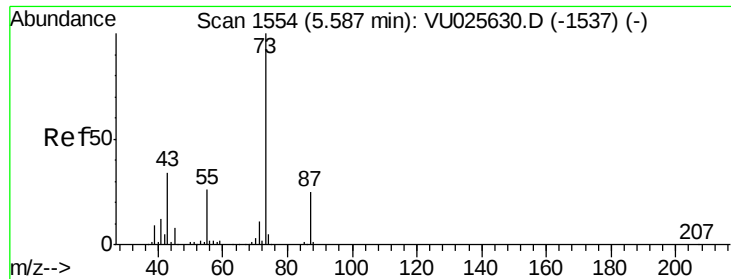
87 41.8 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#33

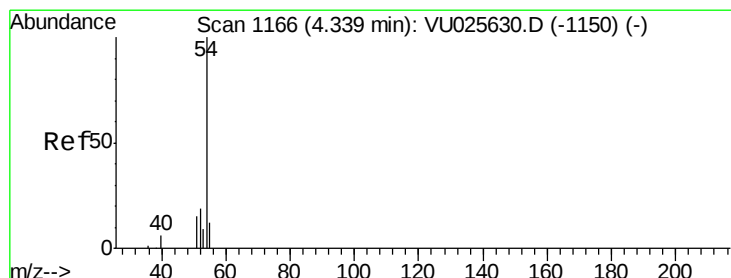
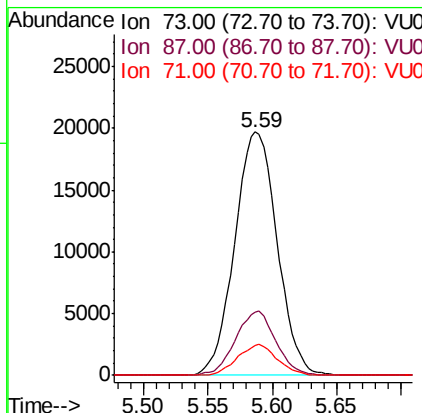
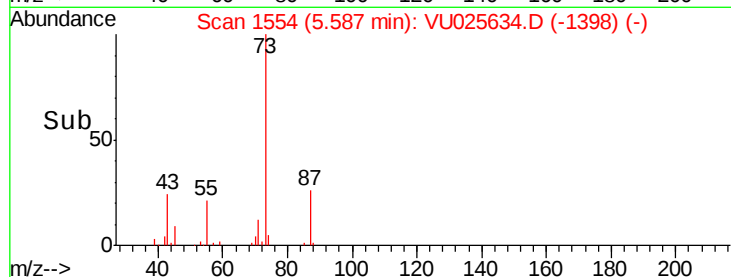
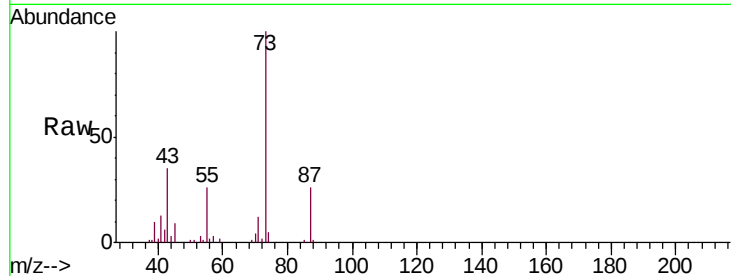
Tert-Butyl methyl ether
 Concen: 1.872 ug/l
 RT: 5.59 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0725WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.0	18.6	28.0
71	11.8	9.3	13.9

Manual Integrations
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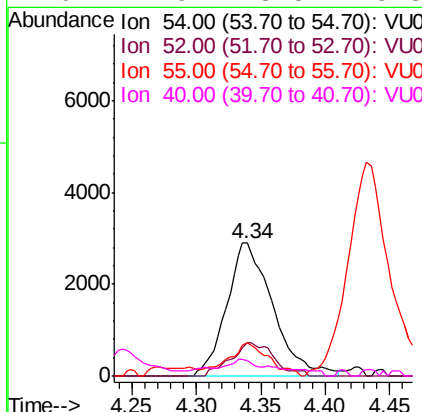
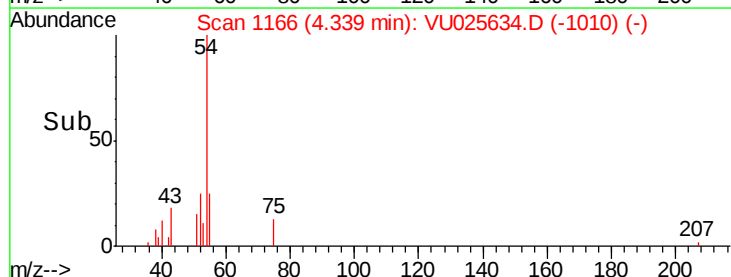
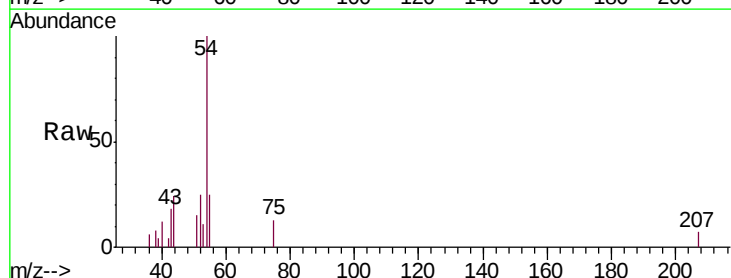
apatel
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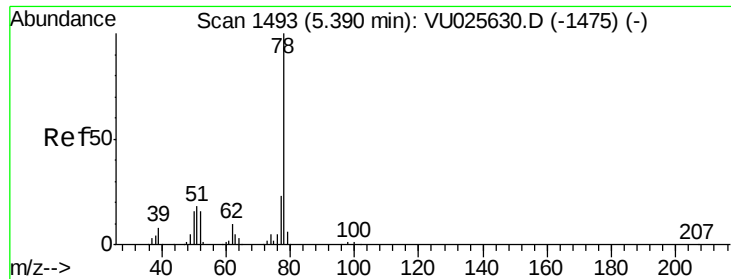


#34

Propionitrile
 Concen: 9.665 ug/l
 RT: 4.34 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Lower	Upper
54	100		
52	22.3	13.7	20.5#
55	21.9	10.2	15.2#
40	2.9	3.5	5.3#





#35

Benzene

Concen: 1.915 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion: 78 Resp: 77981

Ion Ratio Lower Upper

78 100

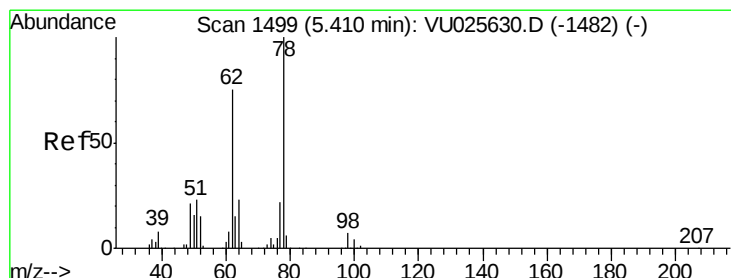
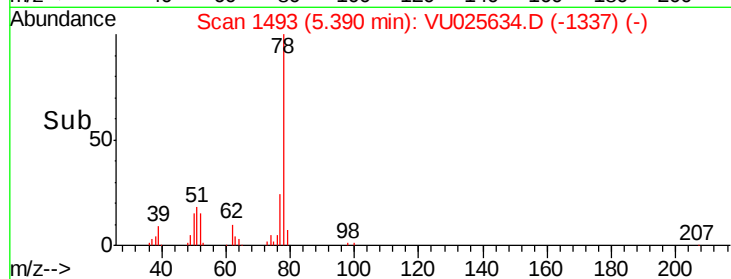
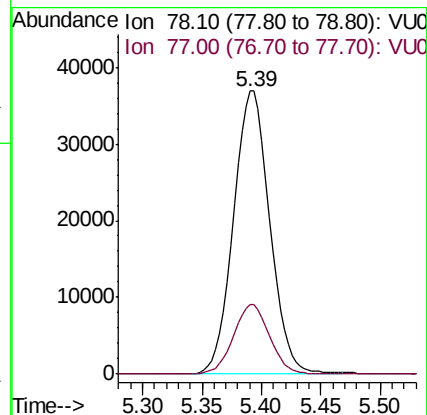
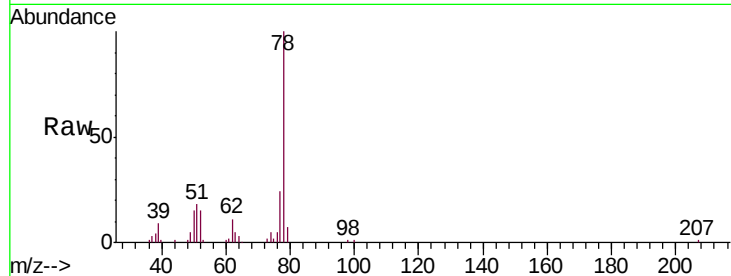
77 24.4 19.1 28.7

Manual Integrations

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#36

1,2-Dichloroethane

Concen: 1.993 ug/l

RT: 5.41 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VU025634.D

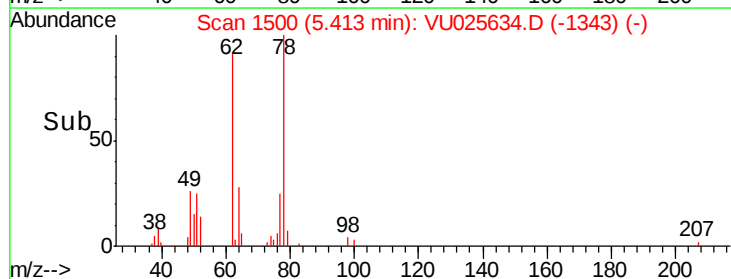
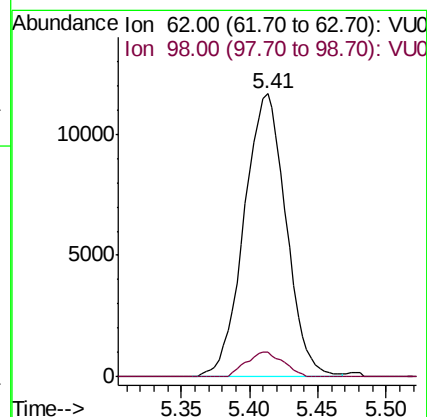
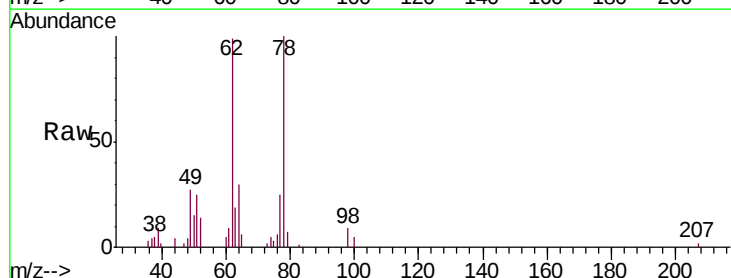
Acq: 25 Jul 2018 13:54

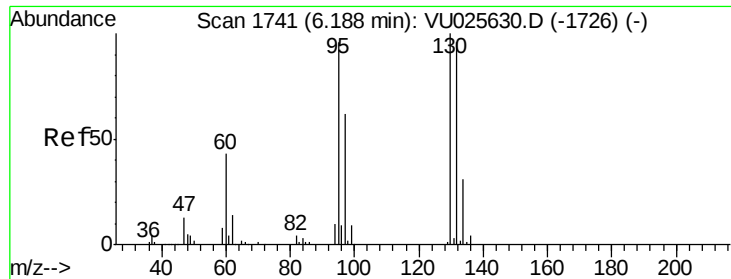
Tgt Ion: 62 Resp: 24923

Ion Ratio Lower Upper

62 100

98 7.8 7.2 10.8





#37

Trichloroethene

Concen: 1.849 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion:130 Resp: 22186

Ion Ratio Lower Upper

130 100

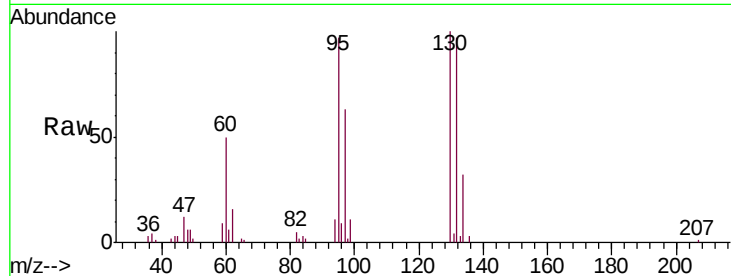
95 97.3 77.9 116.9

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): VU025634.D (-1726) (-)

Ion 94.90 (94.60 to 95.60): VU025634.D (-1726) (-)

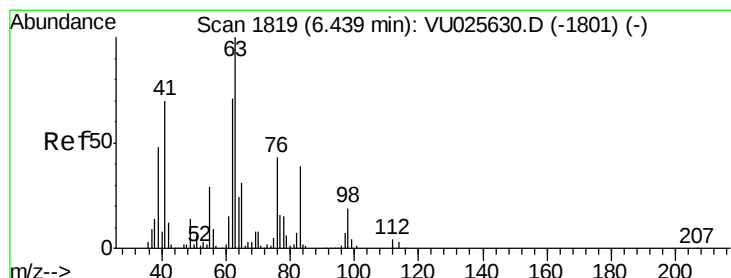
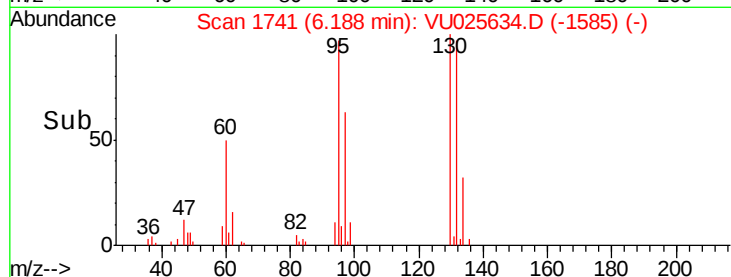
6.19

10000

5000

0

Time-->



#38

1,2-Dichloropropane

Concen: 1.860 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025634.D

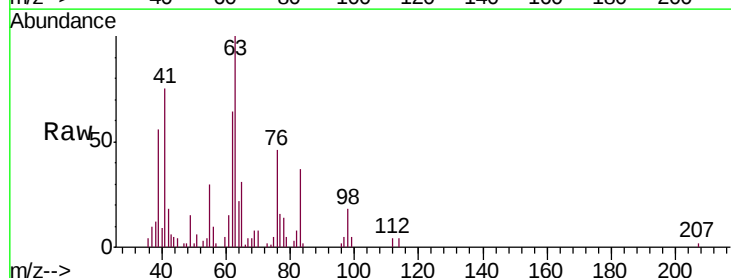
Acq: 25 Jul 2018 13:54

Tgt Ion: 63 Resp: 19653

Ion Ratio Lower Upper

63 100

65 31.5 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU025634.D (-1801) (-)

Ion 65.00 (64.70 to 65.70): VU025634.D (-1801) (-)

6.44

12000

10000

8000

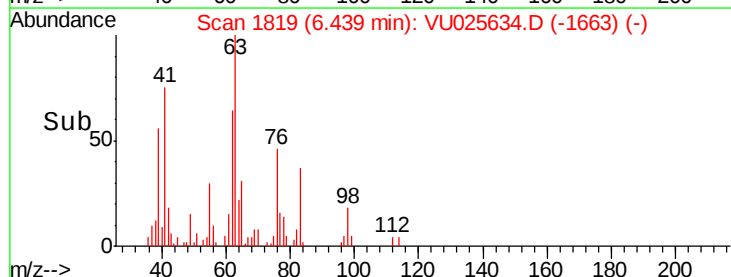
6000

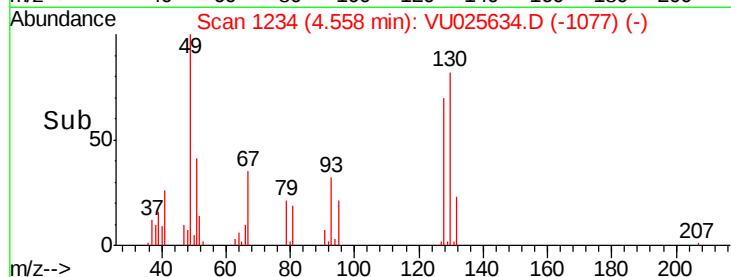
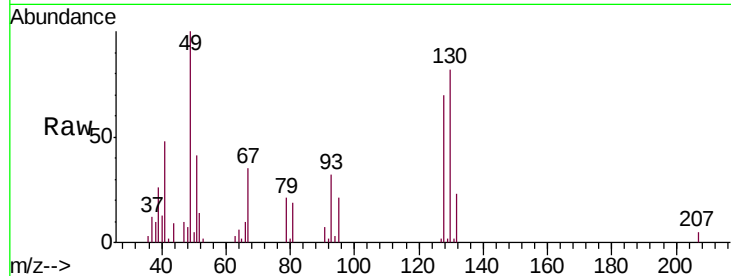
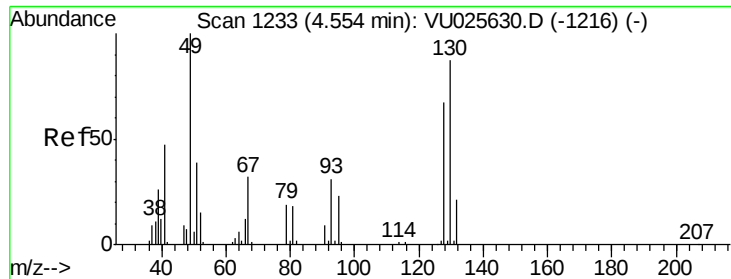
4000

2000

0

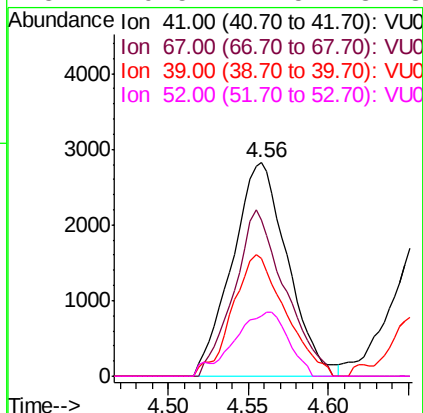
Time-->





#39
Methacrylonitrile
Concen: 1.952 ug/l
RT: 4.56 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

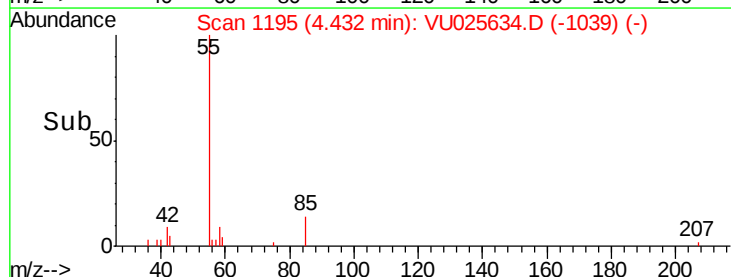
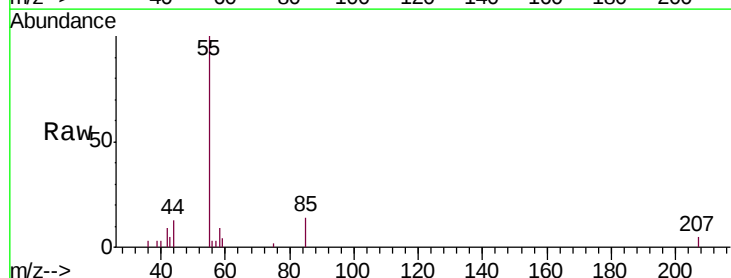
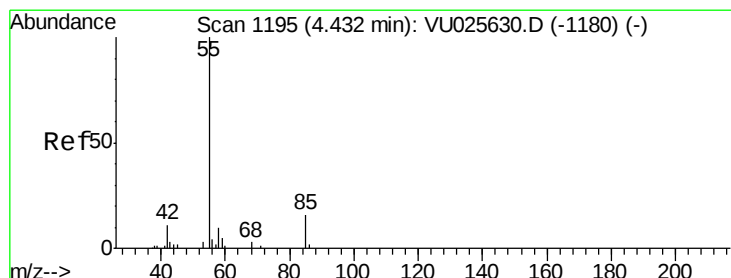
Tot Ion	41	Resp:	6695
Ion	Ratio	Lower	Upper
41	100		
67	70.9	51.3	76.9
39	54.2	40.6	60.8
52	29.5	21.5	32.3



Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

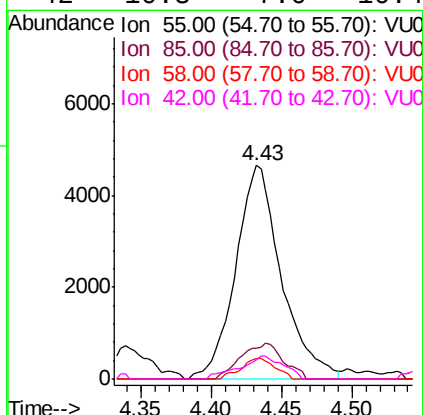
Manual Integrations
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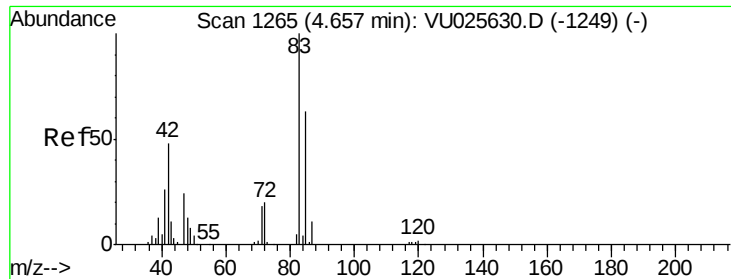
apatel
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#40
Methyl acrylate
Concen: 2.036 ug/l
RT: 4.43 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion	55	Resp:	10532
Ion	Ratio	Lower	Upper
55	100		
85	15.5	12.3	18.5
58	7.2	7.0	10.6
42	10.3	7.0	10.4





#41

Tetrahydrofuran

Concen: 3.518 ug/l

RT: 4.65 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

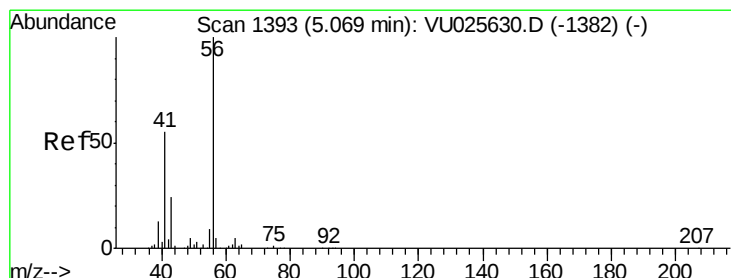
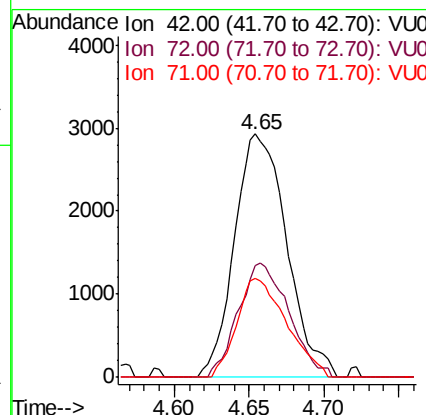
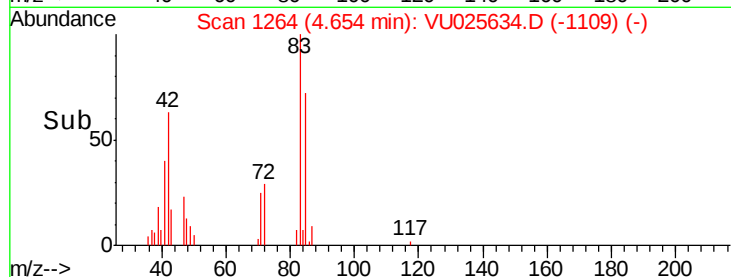
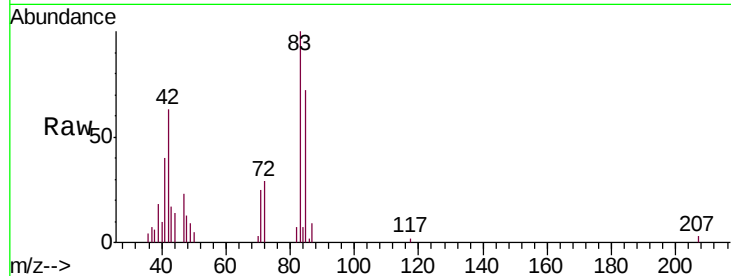
ClientSampleId :

VU0725WBS01

Tot Ion:	42	Resp:	7130
Ion	Ratio	Lower	Upper
42	100		
72	45.3	33.2	49.8
71	38.5	29.8	44.8

Manual Integrations
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#42

1-Chlorobutane

Concen: 1.896 ug/l

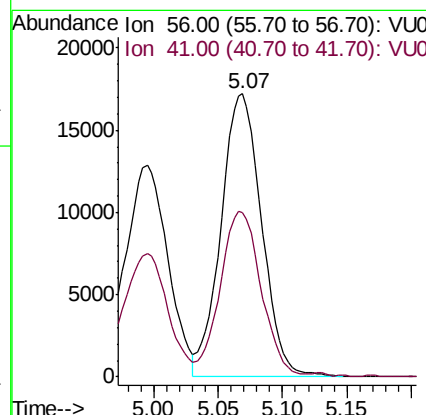
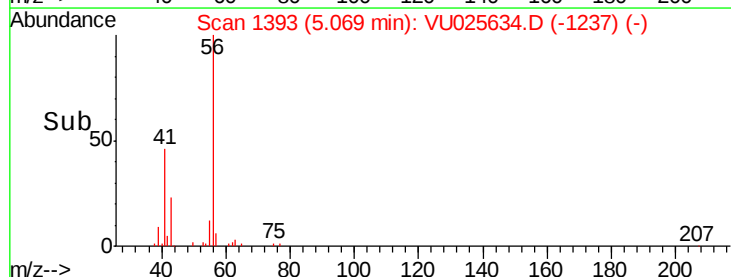
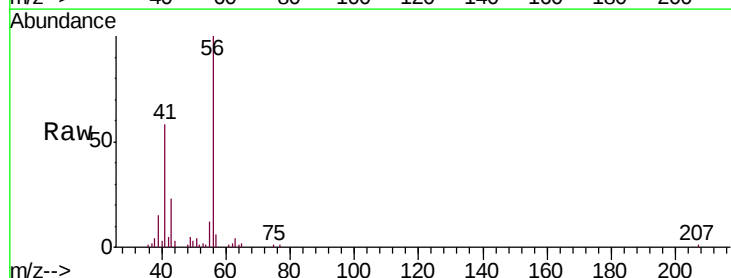
RT: 5.07 min Scan# 1393

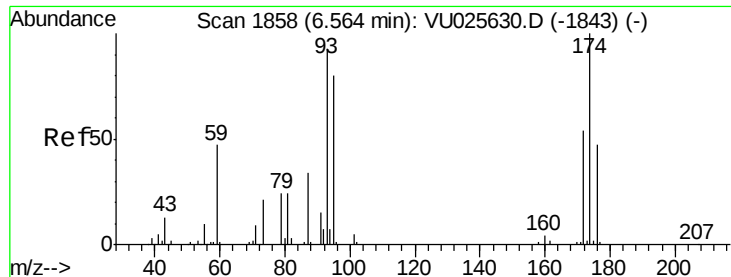
Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	56	Resp:	37656
Ion	Ratio	Lower	Upper
56	100		
41	57.5	27.5	82.5





#43

Dibromomethane

Concen: 1.855 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

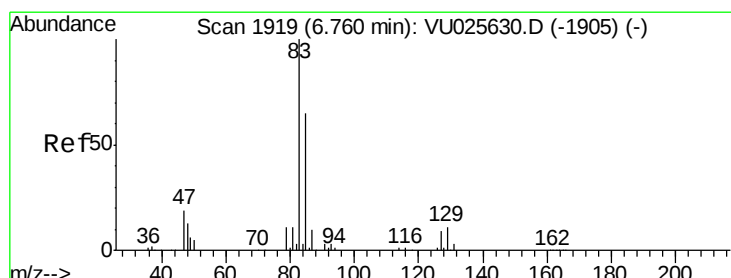
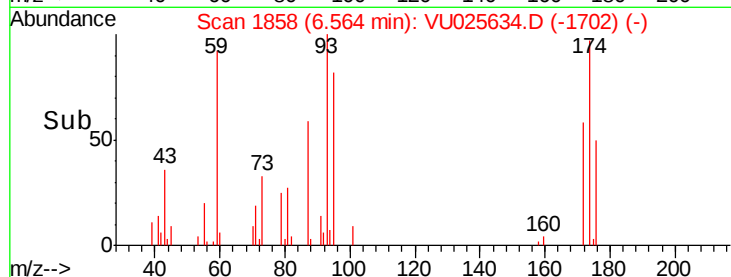
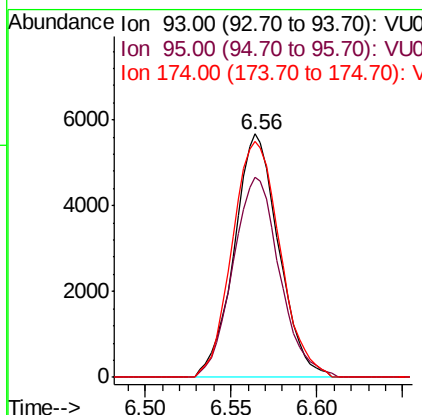
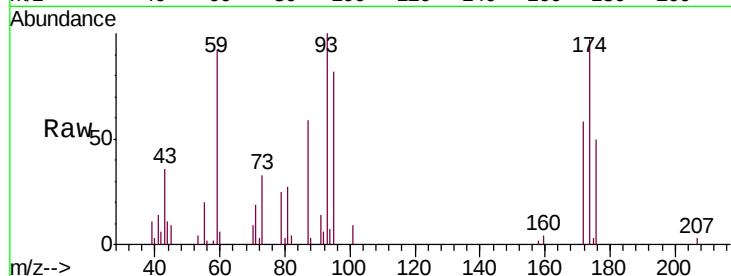
ClientSampleId :

VU0725WBS01

Tot Ion:	93	Resp:	10234
Ion	Ratio	Lower	Upper
93	100		
95	86.3	67.2	100.8
174	104.1	82.8	124.2

Manual Integrations
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#44

Bromodichloromethane

Concen: 1.862 ug/l

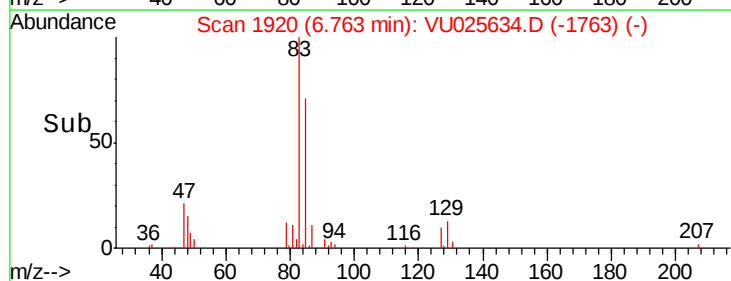
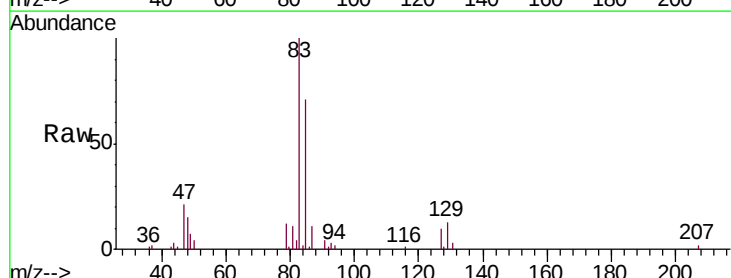
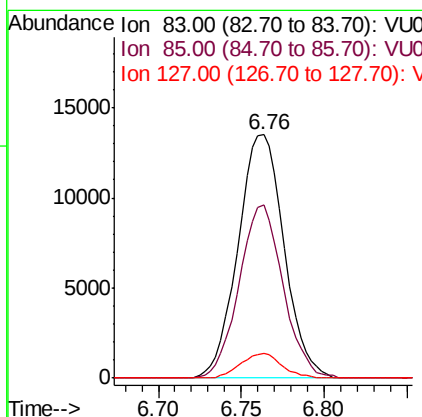
RT: 6.76 min Scan# 1920

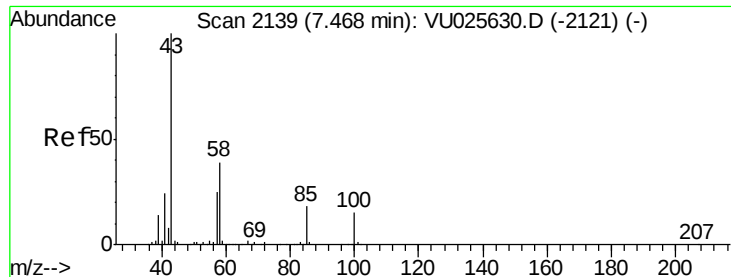
Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	83	Resp:	26034
Ion	Ratio	Lower	Upper
83	100		
85	71.2	52.2	78.4
127	9.9	7.0	10.4





#45

4-Methyl-2-Pentanone

Concen: 9.608 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

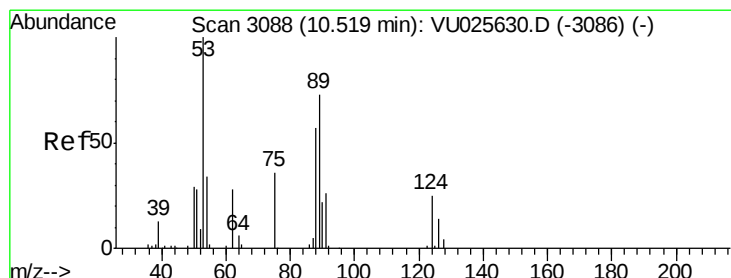
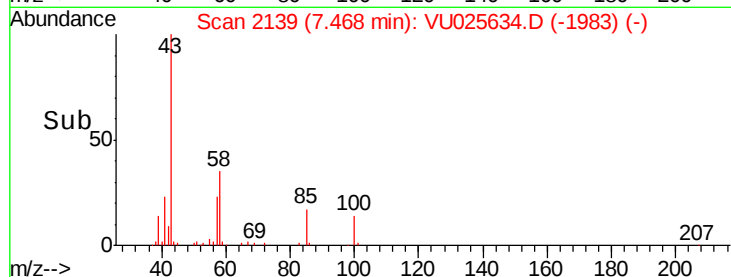
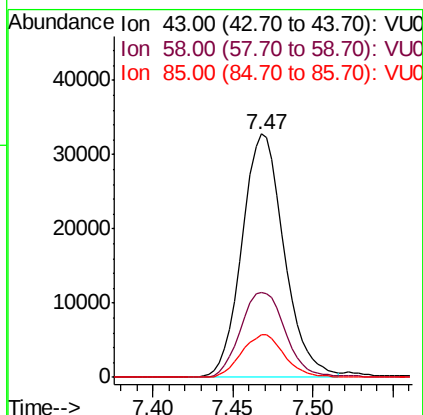
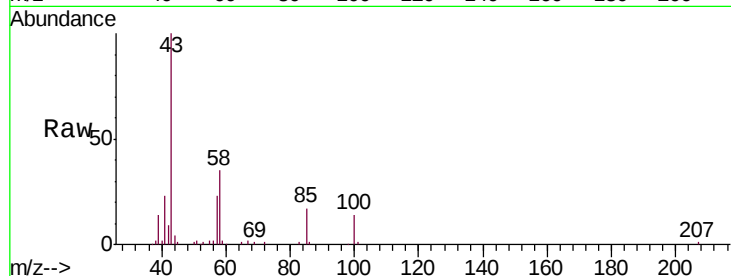
ClientSampleId :

VU0725WBS01

Tot Ion:	43	Resp:	59109
Ion	Ratio	Lower	Upper
43	100		
58	36.7	18.8	56.4
85	17.6	12.6	19.0

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#46

t-1,4-Dichloro-2-butene

Concen: 4.033 ug/l m

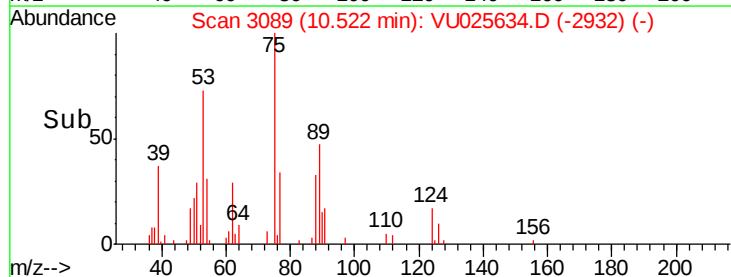
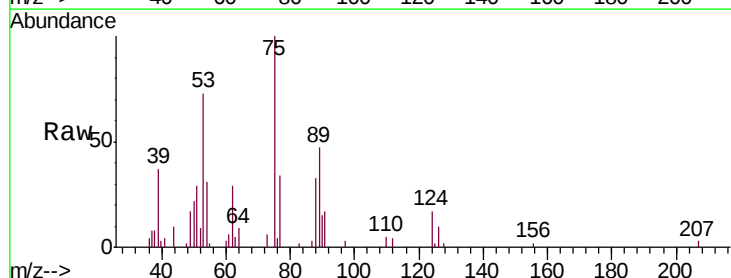
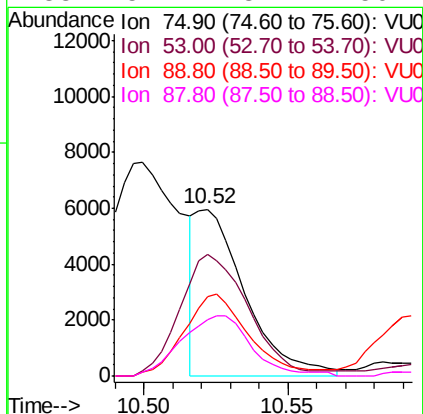
RT: 10.52 min Scan# 3089

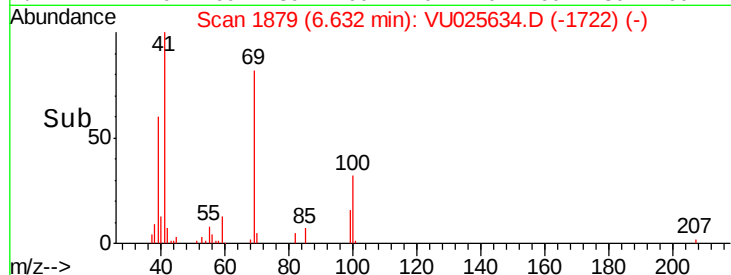
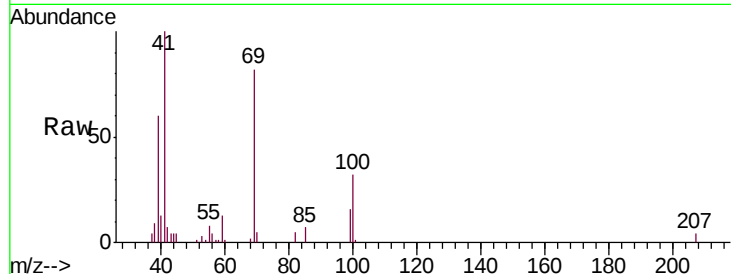
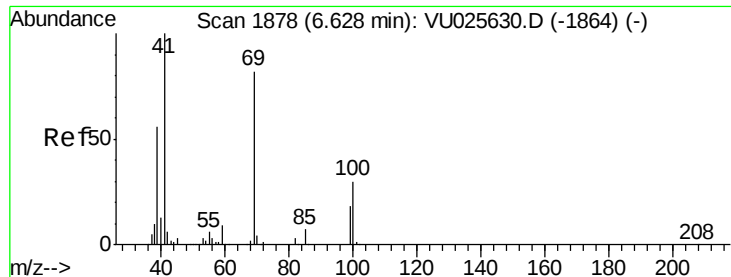
Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	75	Resp:	7167
Ion	Ratio	Lower	Upper
75	100		
53	101.4	82.2	123.4
89	64.7	51.3	76.9
88	51.2	37.4	56.2





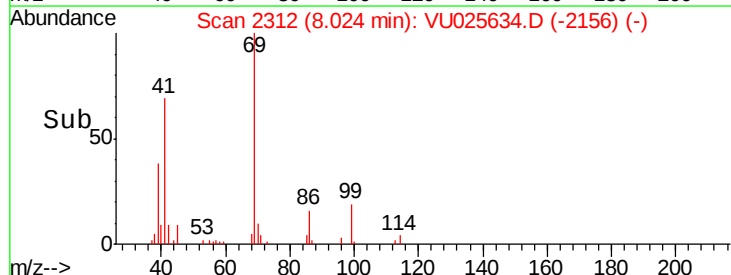
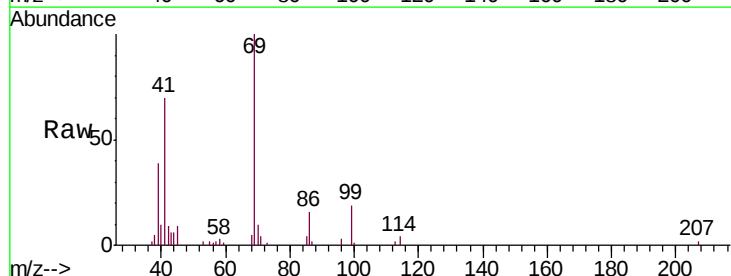
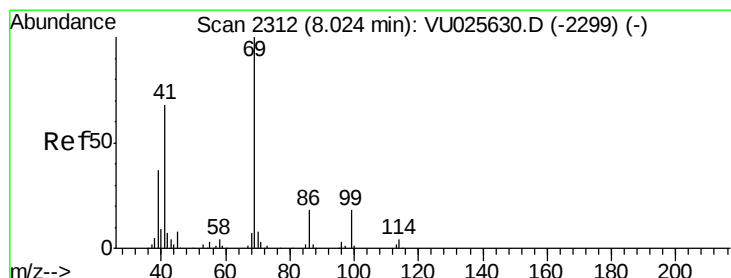
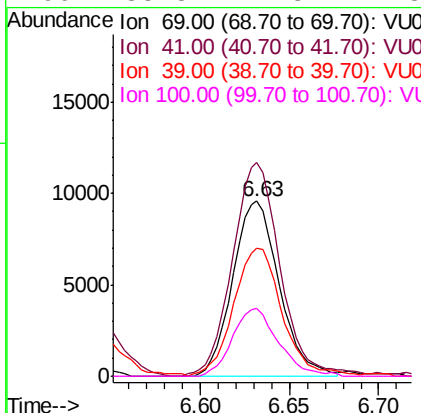
#47
Methyl methacrylate
Concen: 3.770 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		17392		
41	125.9	0.0	245.4		
39	76.3	49.0	73.4		
100	38.3	27.8	41.8		

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

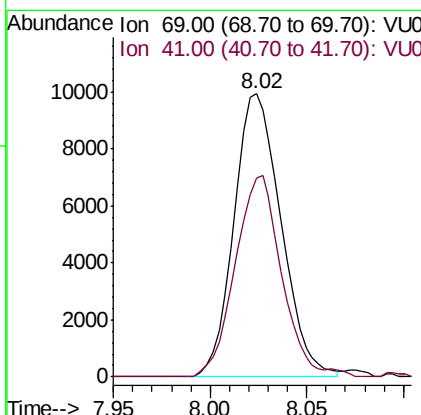
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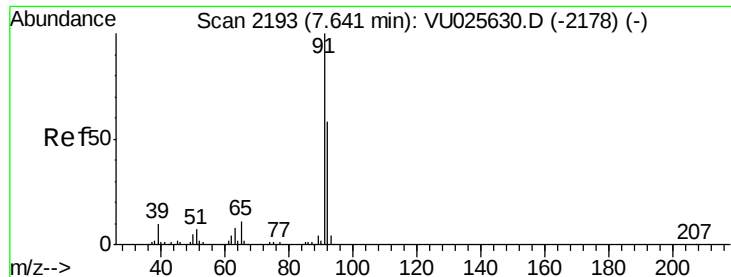
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#48
Ethyl methacrylate
Concen: 1.813 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		16801		
41	70.4	34.2	102.5		





#49

Toluene

Concen: 1.919 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampled :

VU0725WBS01

Tot Ion: 92 Resp: 47764

Ion Ratio Lower Upper

92 100

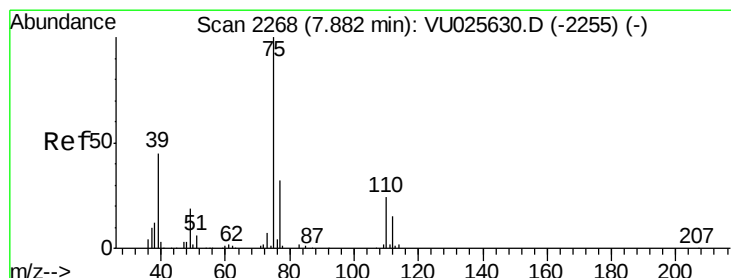
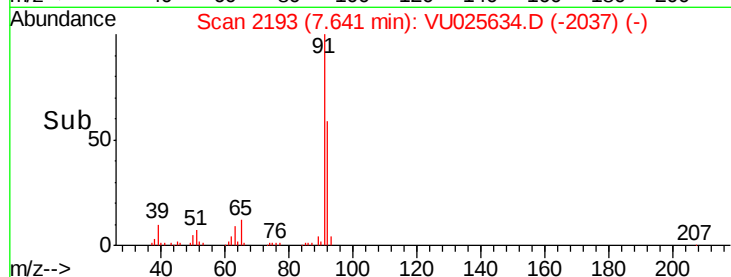
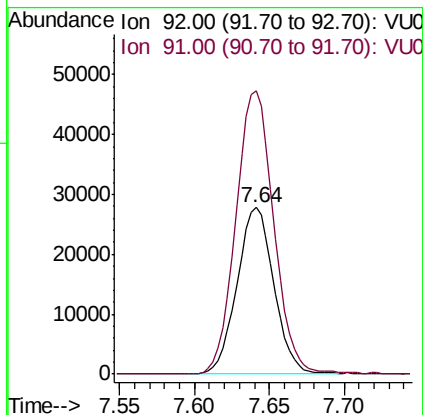
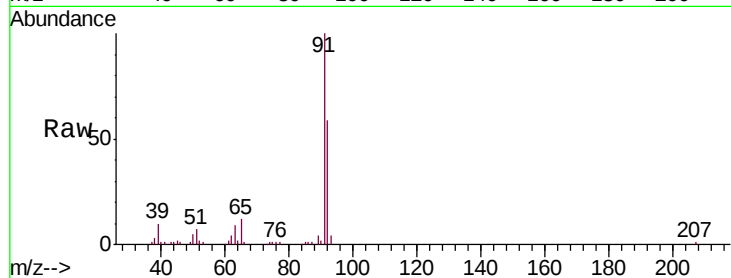
91 174.9 137.1 205.7

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#50

t-1,3-Dichloropropene

Concen: 1.917 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025634.D

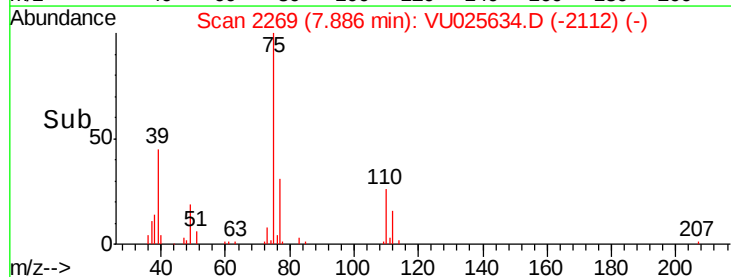
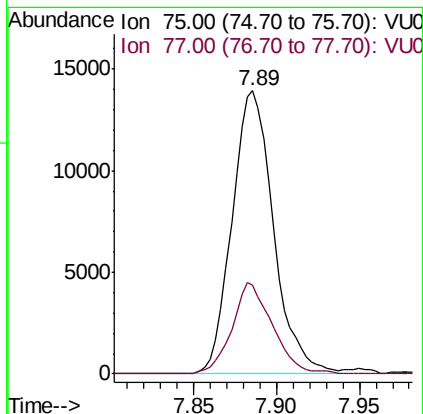
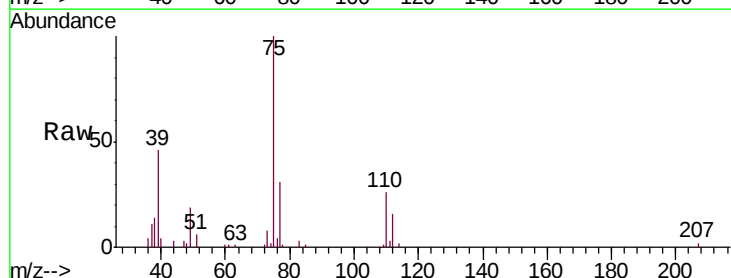
Acq: 25 Jul 2018 13:54

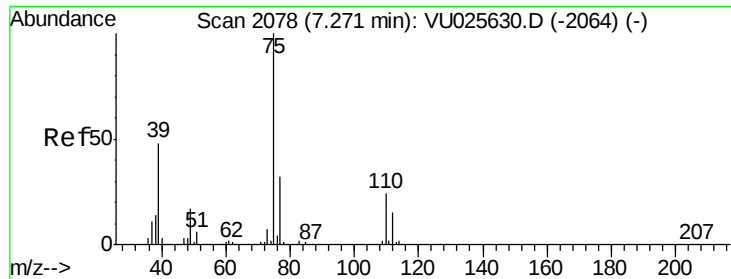
Tgt Ion: 75 Resp: 24192

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8





#51

cis-1,3-Dichloropropene

Concen: 1.888 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

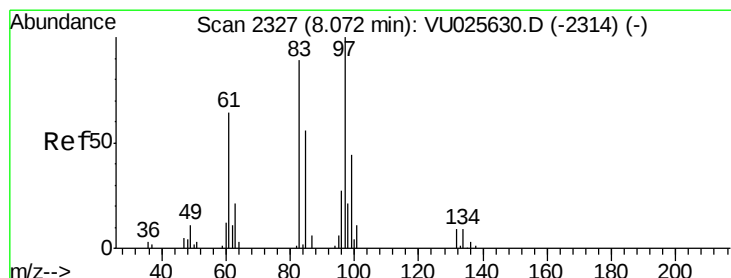
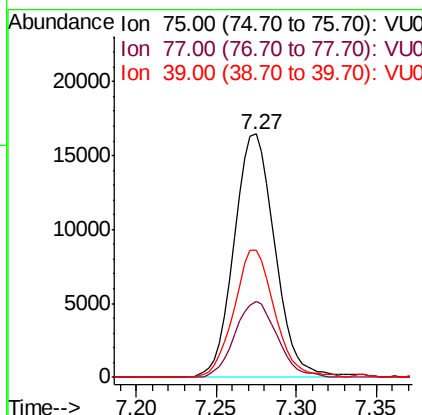
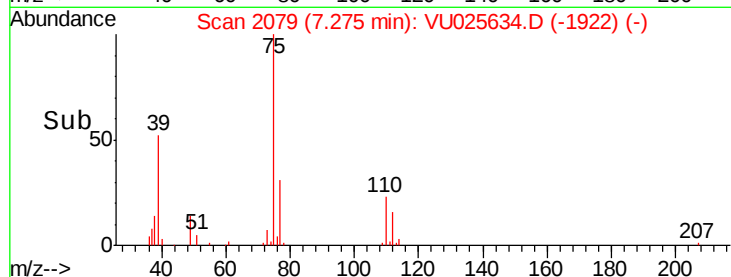
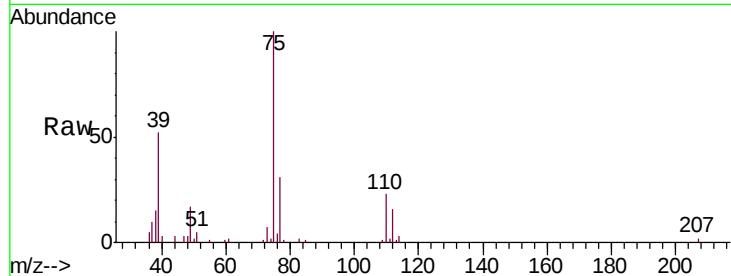
VU0725WBS01

Tot Ion:	75	Resp:	28540
Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.2	37.8
39	52.2	36.4	54.6

Manual Integrations
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#52

1,1,2-Trichloroethane

Concen: 1.874 ug/l

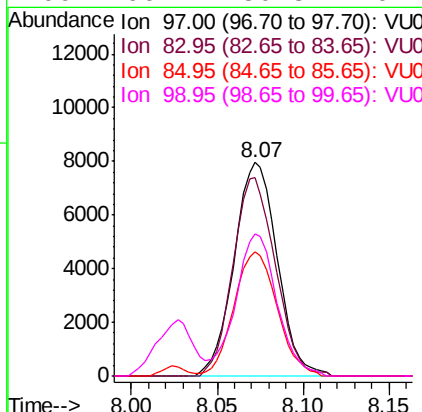
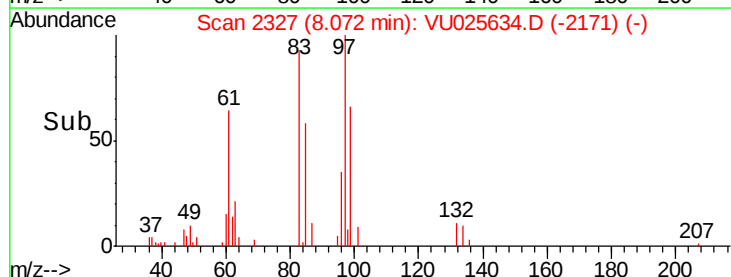
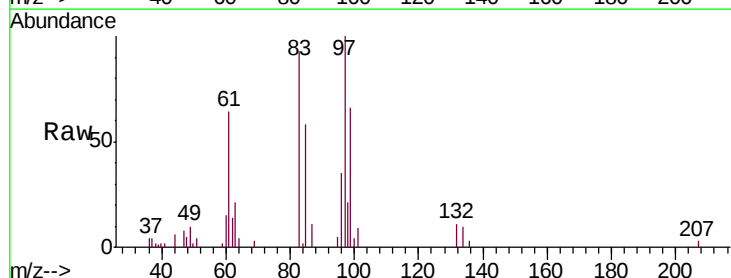
RT: 8.07 min Scan# 2327

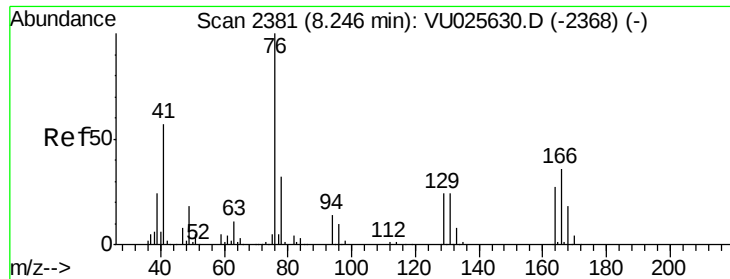
Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	97	Resp:	13859
Ion	Ratio	Lower	Upper
97	100		
83	93.1	72.6	109.0
85	58.3	47.2	70.8
99	66.4	50.8	76.2





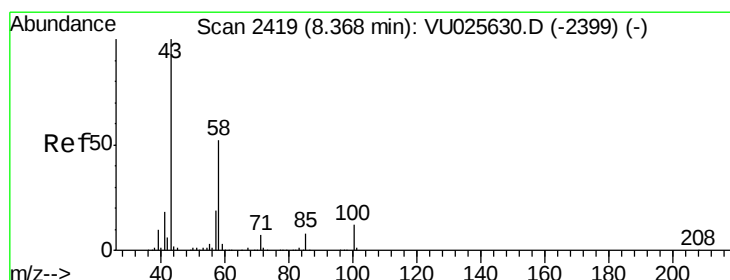
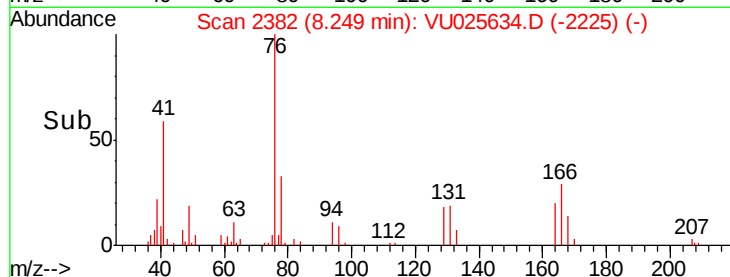
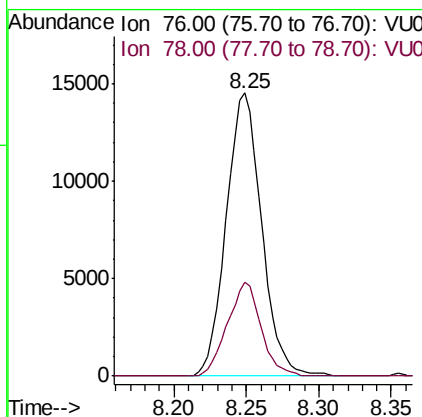
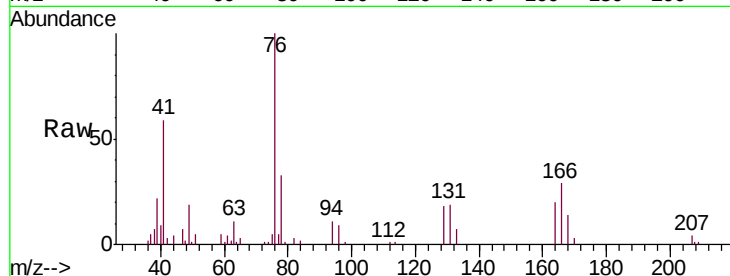
#53
 1,3-Dichloropropane
 Concen: 1.971 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Tot Ion: 76 Resp: 24611
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.7 38.5

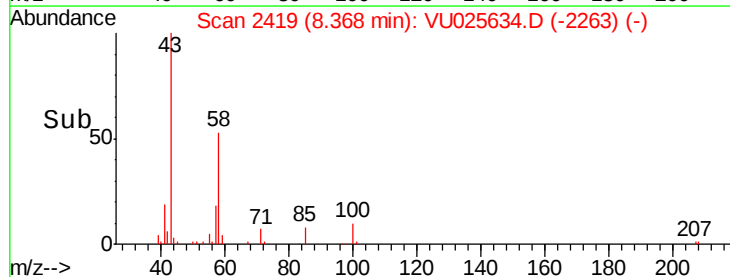
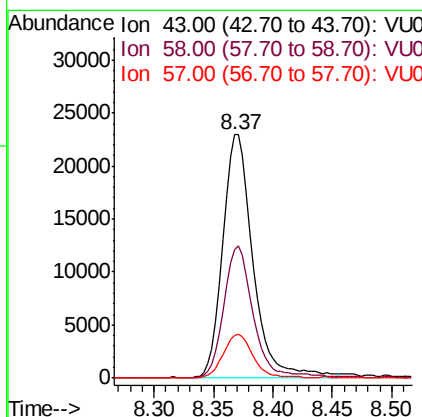
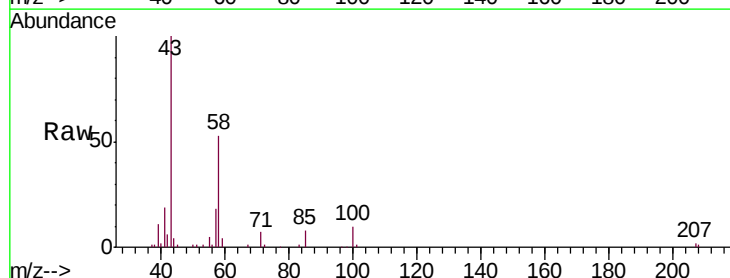
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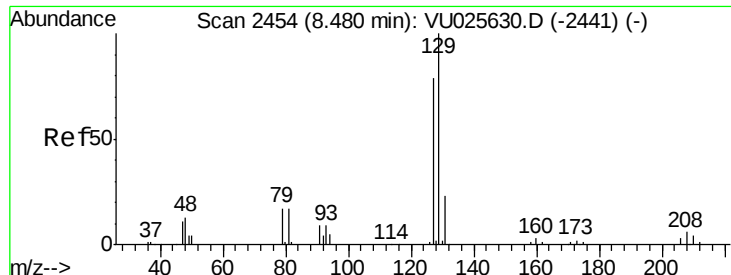
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#54
 2-Hexanone
 Concen: 9.374 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion: 43 Resp: 40728
 Ion Ratio Lower Upper
 43 100
 58 52.7 32.5 72.5
 57 17.1 0.0 37.9





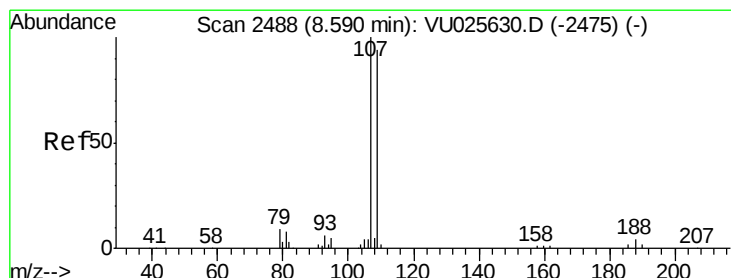
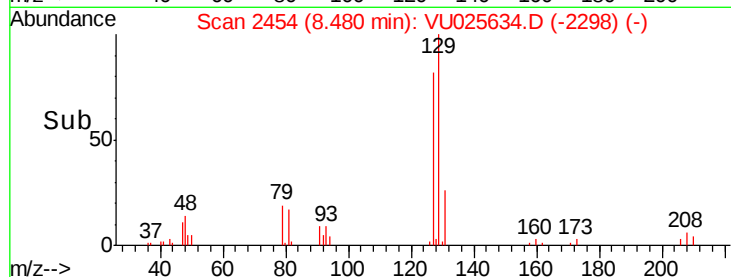
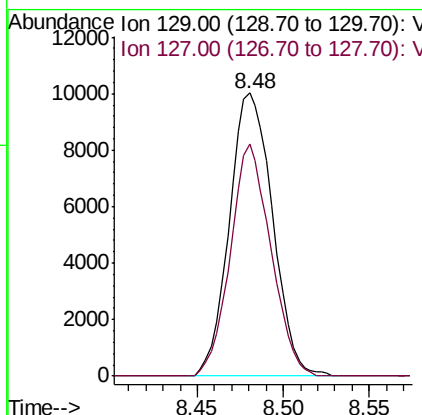
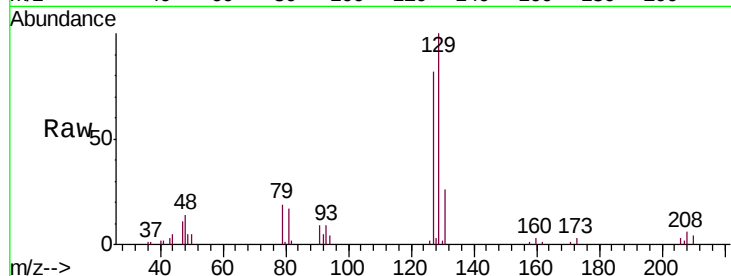
#55
 Dibromochloromethane
 Concen: 1.865 ug/l
 RT: 8.48 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		17538		
127	76.7		61.1	91.7	

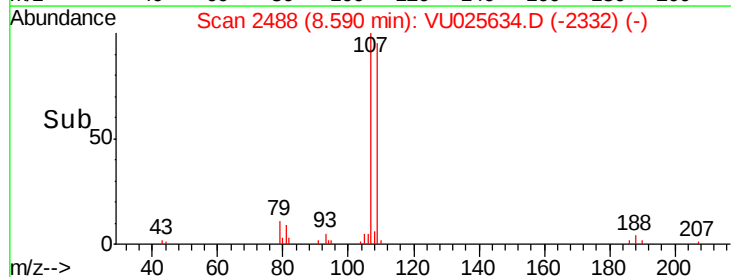
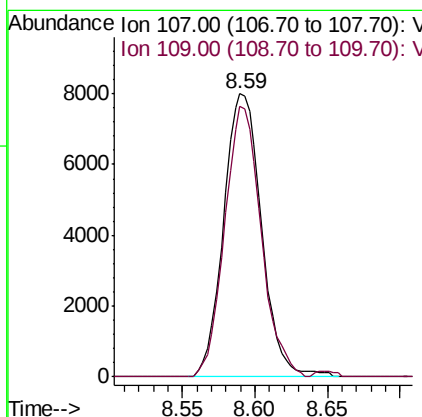
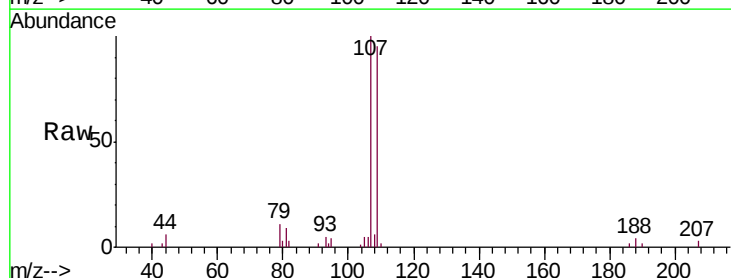
Manual Integrations
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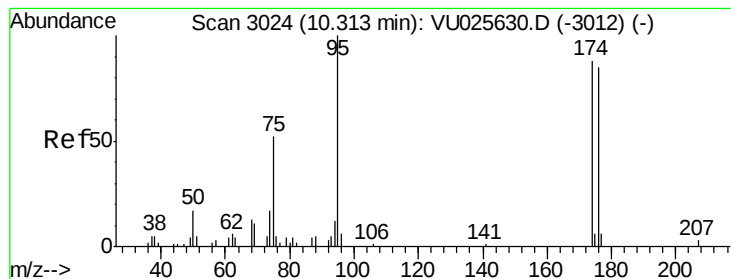
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#56
 1,2-Dibromoethane
 Concen: 2.020 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		14457		
109	92.0		0.0	189.0	





#57

4-Bromofluorobenzene

Concen: 2.020 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

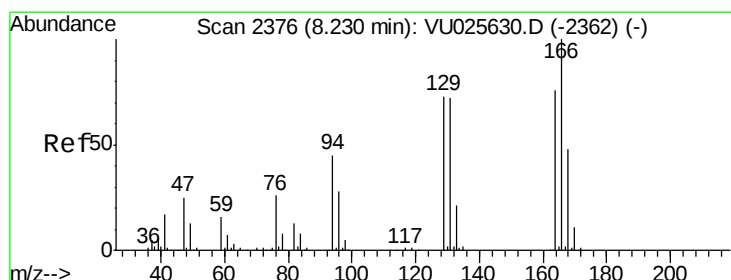
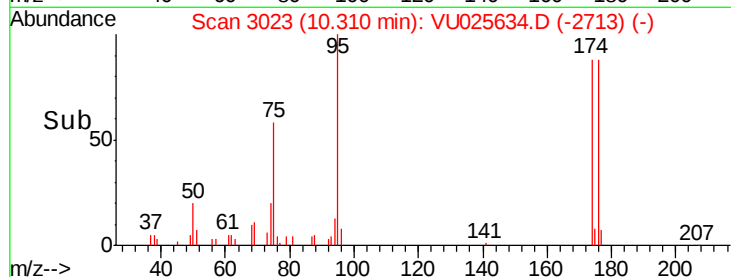
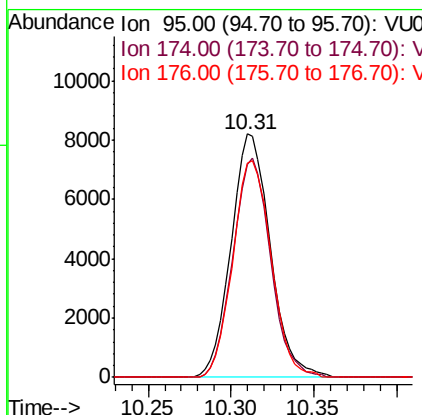
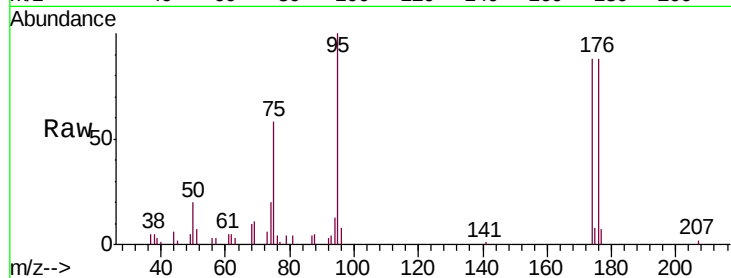
ClientSampleId :

VU0725WBS01

Tot Ion:	95	Resp:	13552
Ion Ratio	Lower	Upper	
95	100		
174	86.4	65.6	98.4
176	86.7	62.0	93.0

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#58

Tetrachloroethene

Concen: 1.975 ug/l

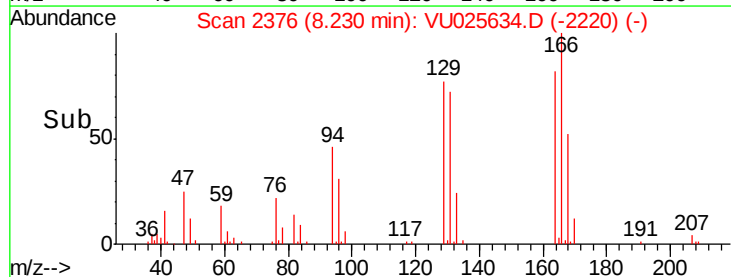
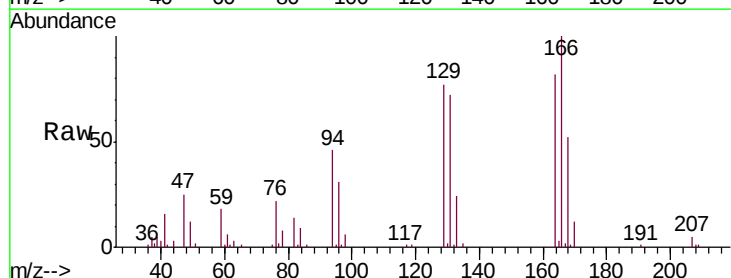
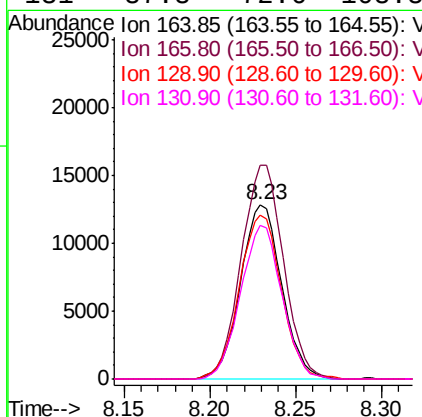
RT: 8.23 min Scan# 2376

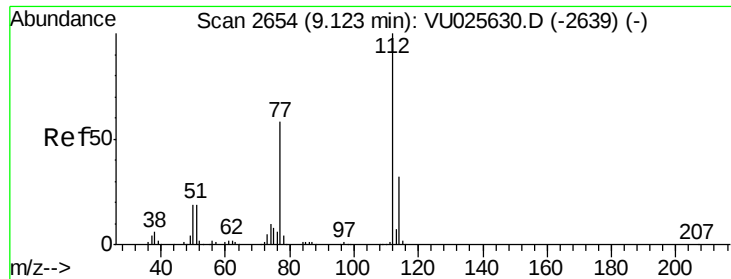
Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	164	Resp:	21298
Ion Ratio	Lower	Upper	
164	100		
166	122.2	104.1	156.1
129	93.8	76.8	115.2
131	87.8	72.6	108.8





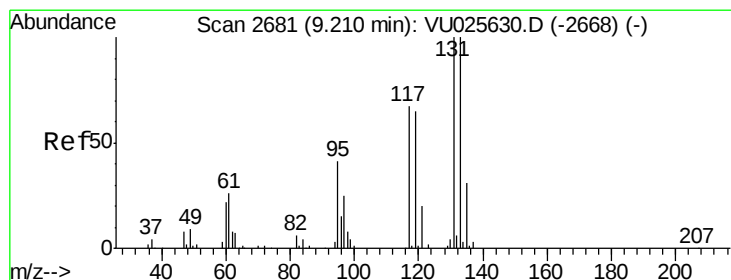
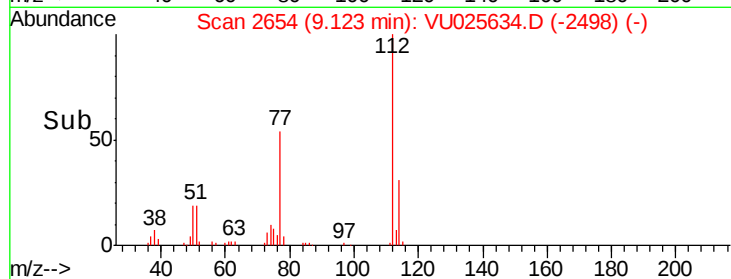
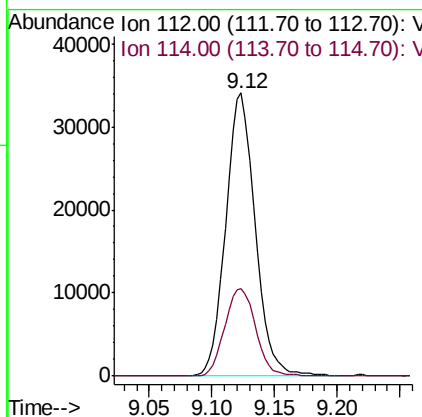
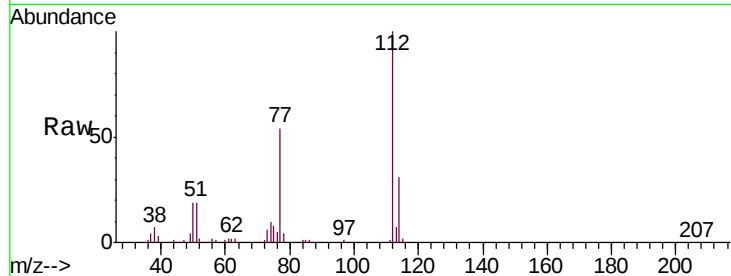
#59
Chlorobenzene
Concen: 1.939 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.4	38.2

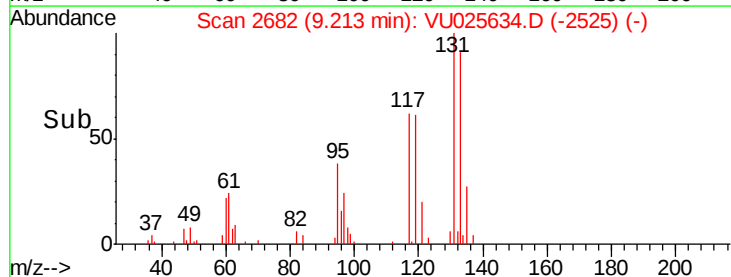
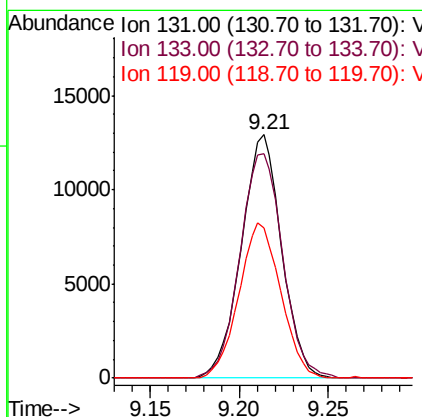
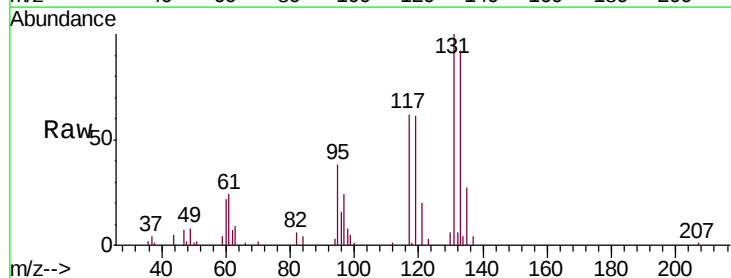
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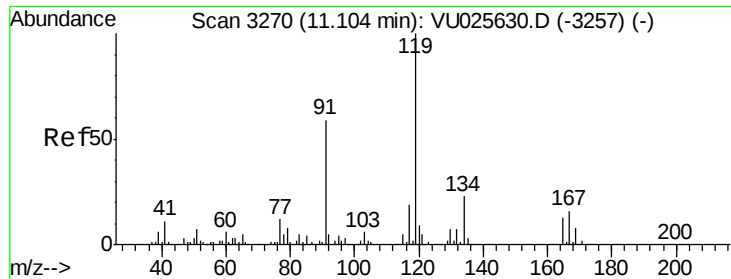
apatel
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.913 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.1	75.8	113.8
119	66.0	53.0	79.6





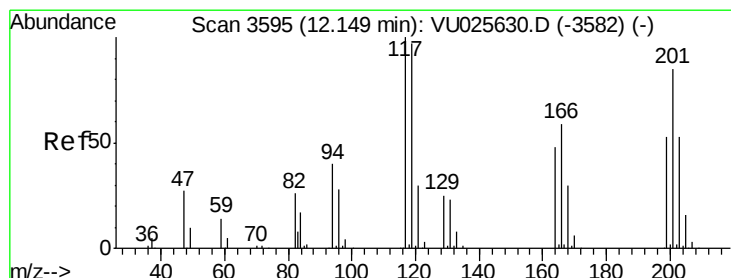
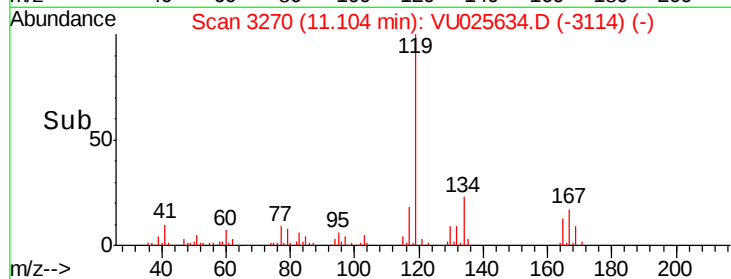
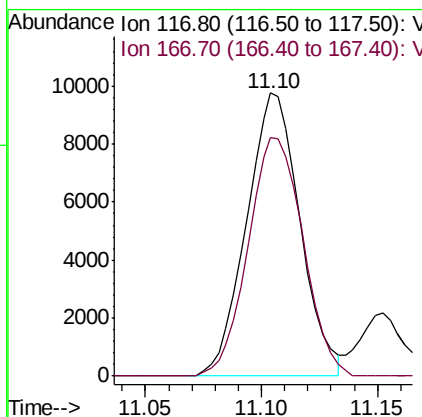
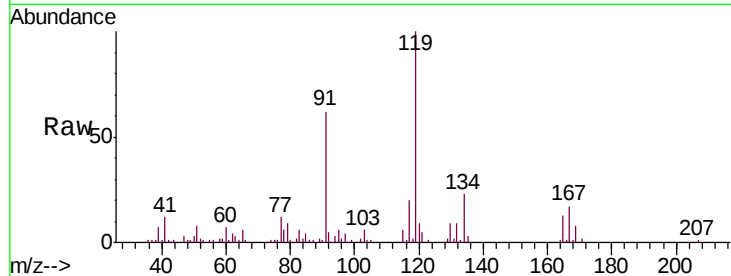
#61
 Pentachloroethane
 Concen: 1.924 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Tot Ion:117 Resp: 15607
 Ion Ratio Lower Upper
 117 100
 167 86.7 69.2 103.8

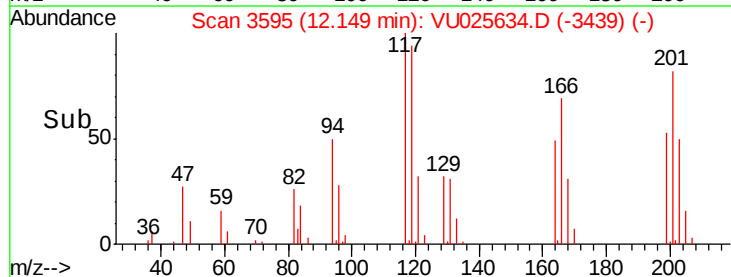
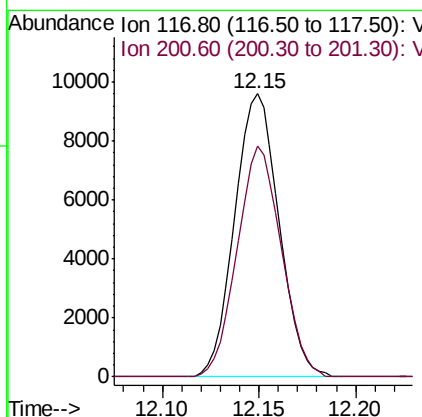
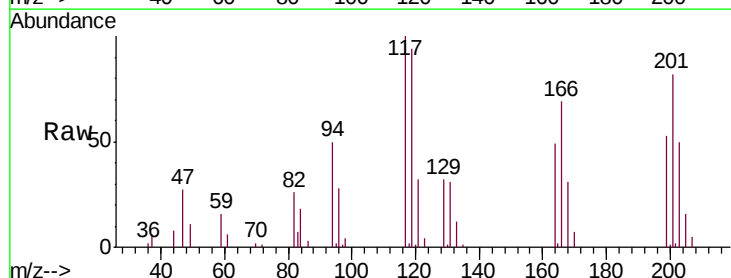
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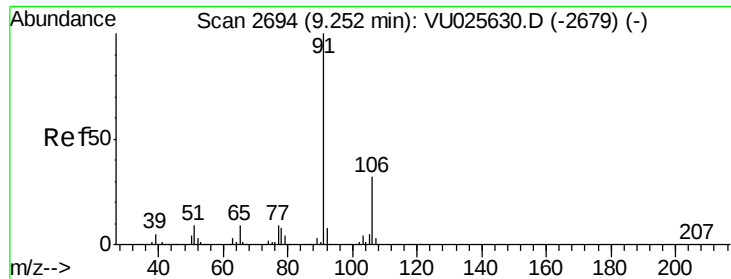
apatel
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#62
 Hexachloroethane
 Concen: 1.848 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion:117 Resp: 15305
 Ion Ratio Lower Upper
 117 100
 201 81.0 68.7 103.1





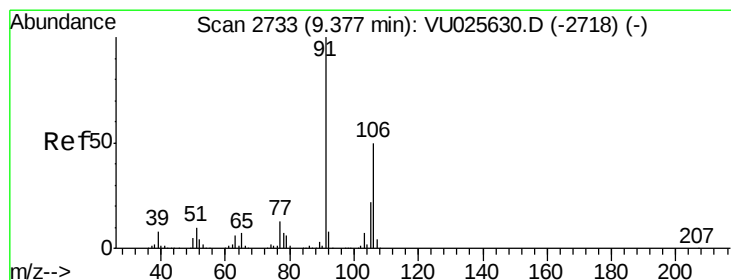
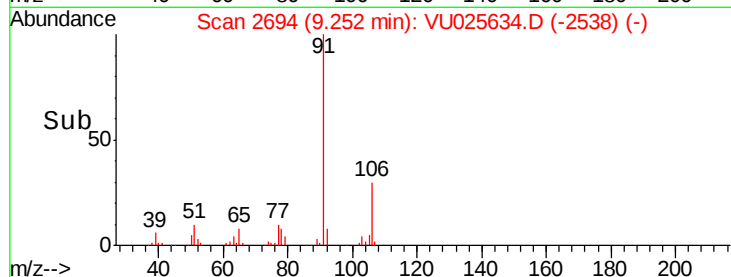
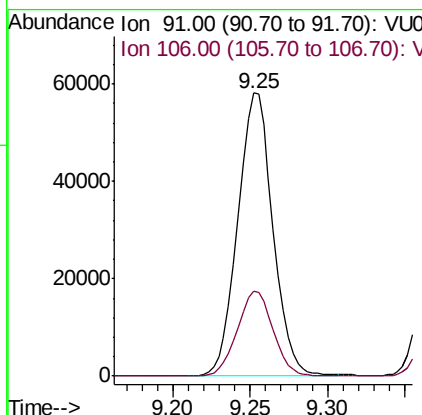
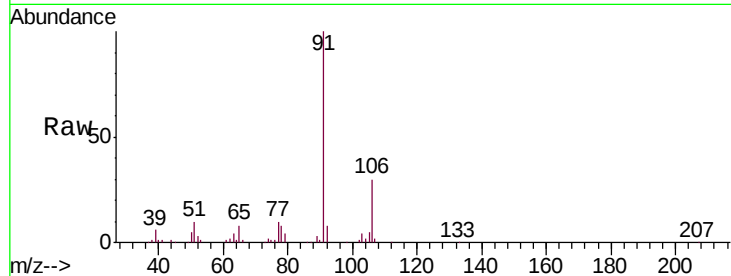
#63
Ethyl Benzene
Concen: 1.926 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tot Ion: 91 Resp: 91674
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1

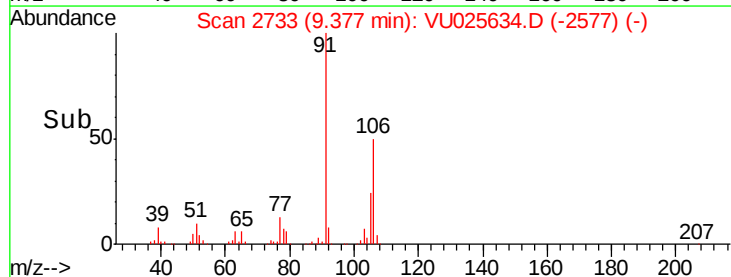
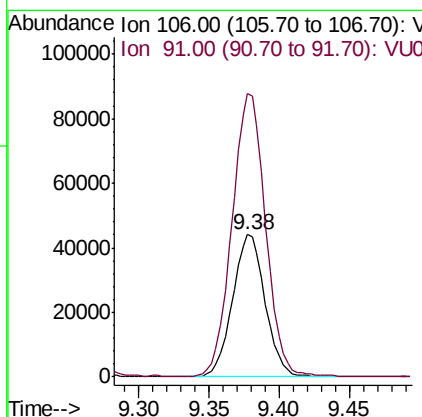
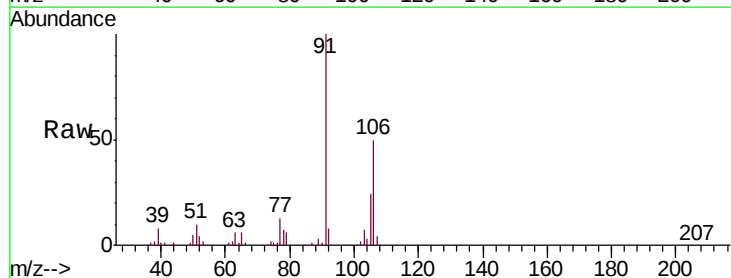
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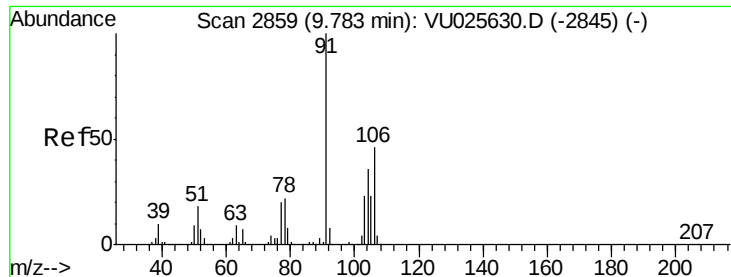
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#64
m/p-Xylenes
Concen: 3.802 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion: 106 Resp: 71146
Ion Ratio Lower Upper
106 100
91 204.9 164.1 246.1





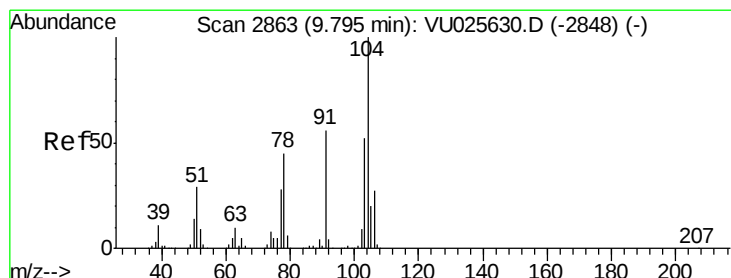
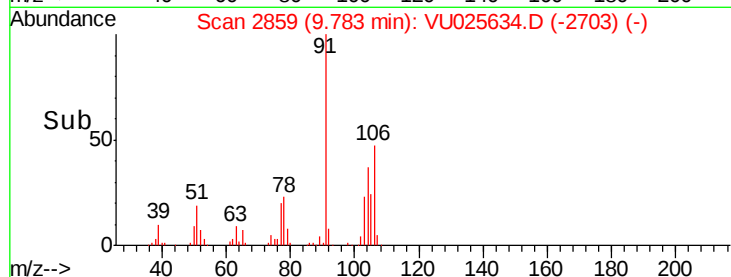
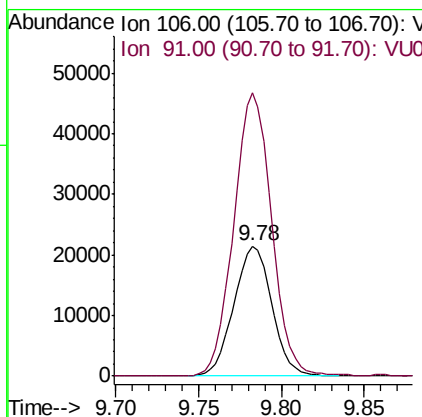
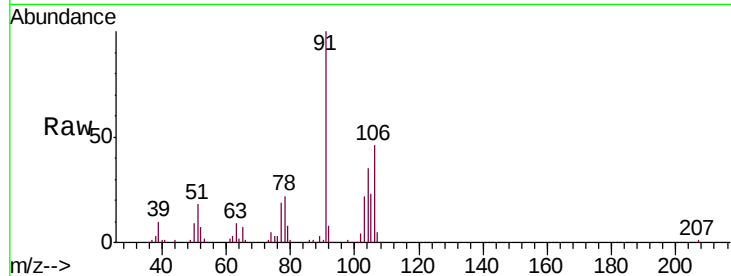
#65
o-Xylene
Concen: 1.912 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampled :
VU0725WBS01

Tot Ion:106 Resp: 34101
Ion Ratio Lower Upper
106 100
91 217.9 107.9 323.7

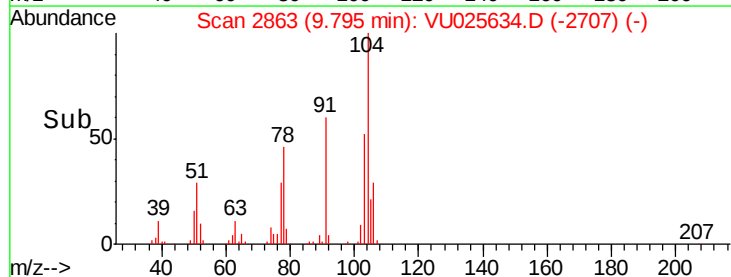
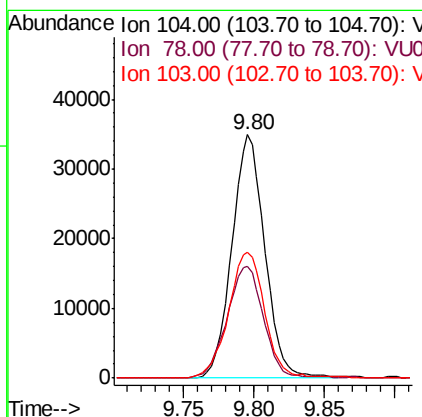
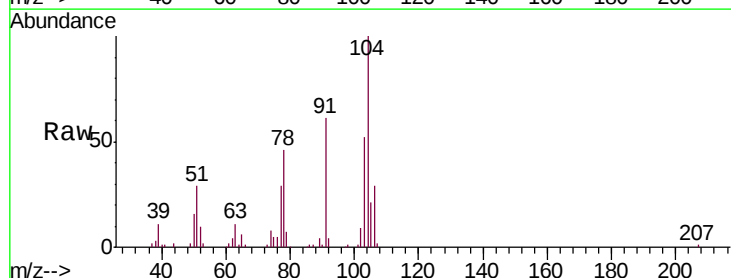
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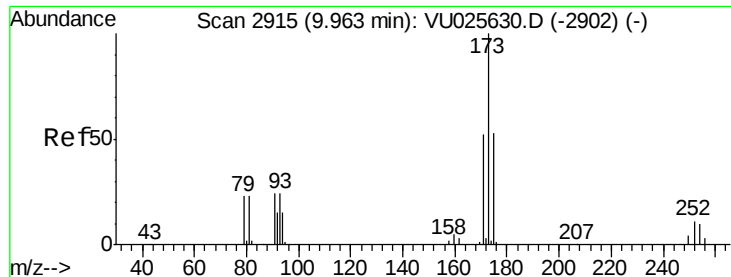
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#66
Styrene
Concen: 1.886 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion:104 Resp: 57107
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.2
103 57.0 44.2 66.4





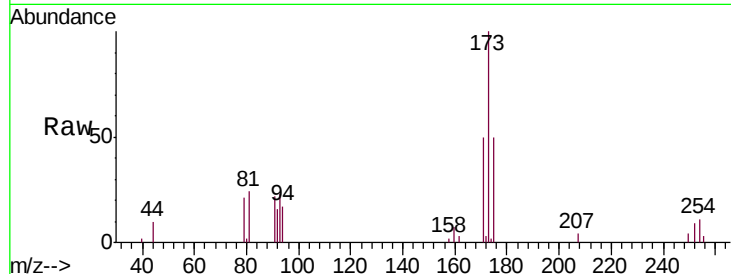
#67
Bromoform
Concen: 1.761 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	38.6	57.8
254	8.2	8.8	13.2

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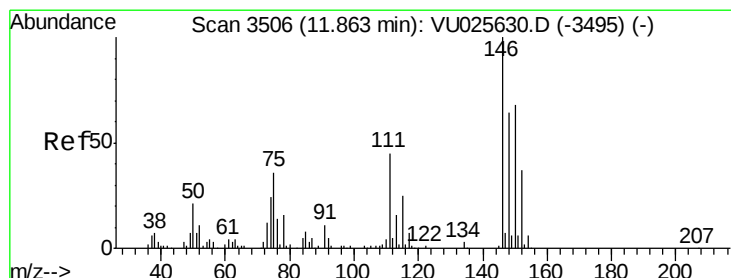
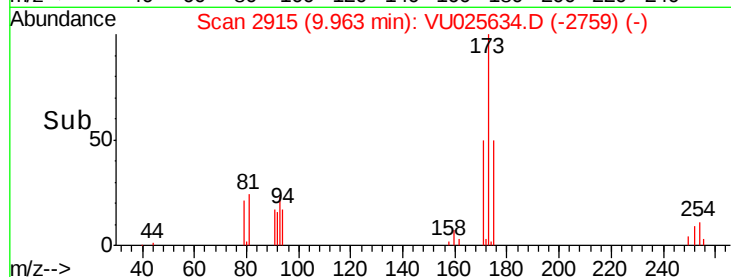
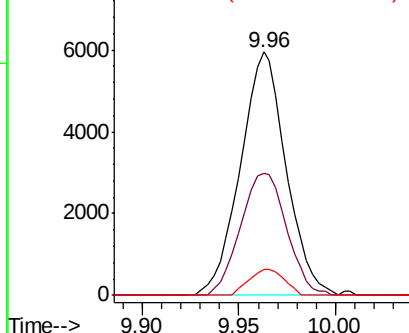


Abundance

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



#68
1,2-Dichlorobenzene-d4
Concen: 1.761 ug/l
RT: 11.87 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

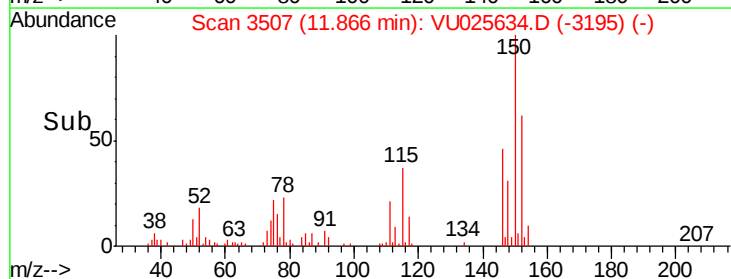
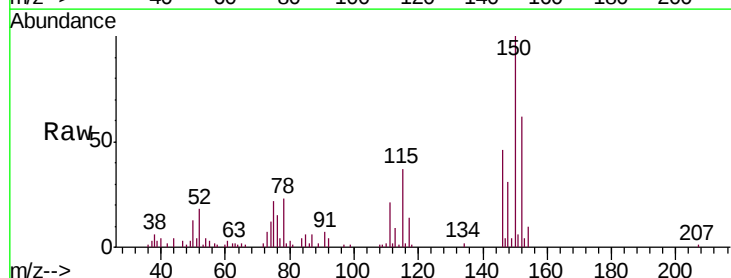
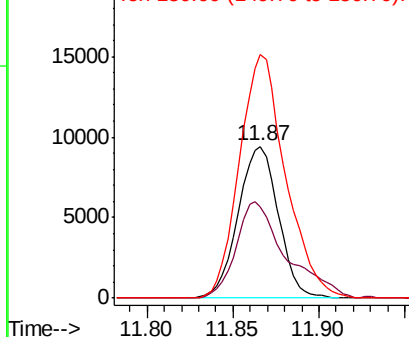
Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.7	0.0	118.8
150	183.4	0.0	0.0

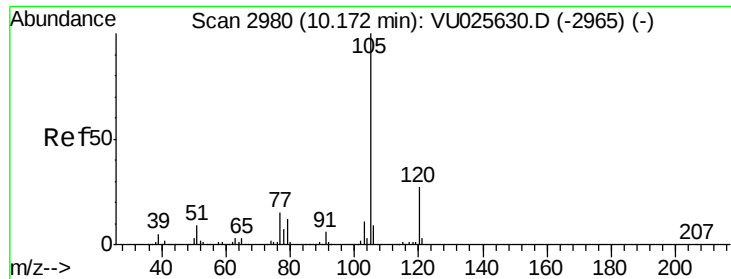
Abundance

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: 1.905 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion:105 Resp: 91767

Ion Ratio Lower Upper

105 100

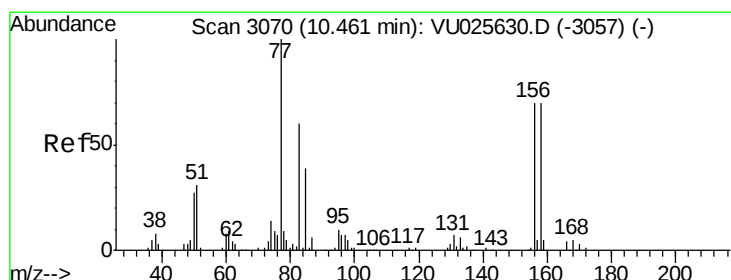
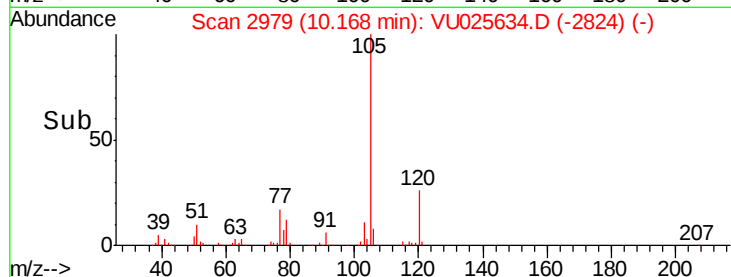
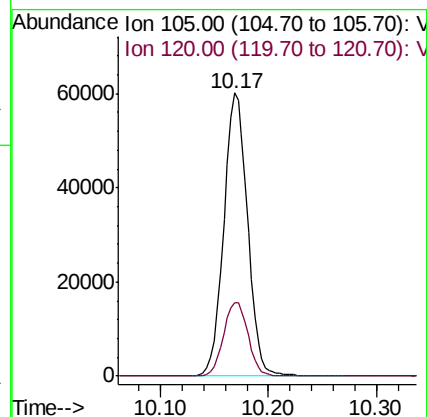
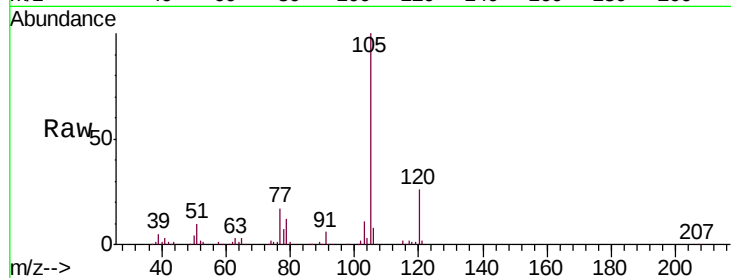
120 26.8 13.1 39.3

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.859 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

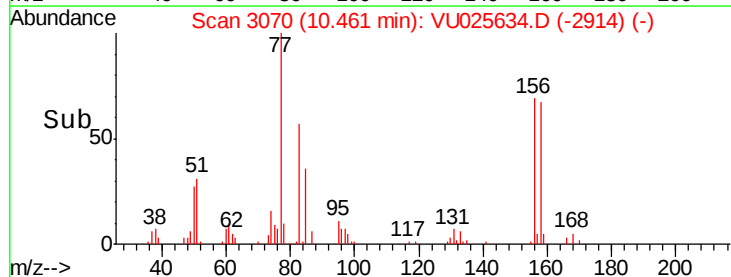
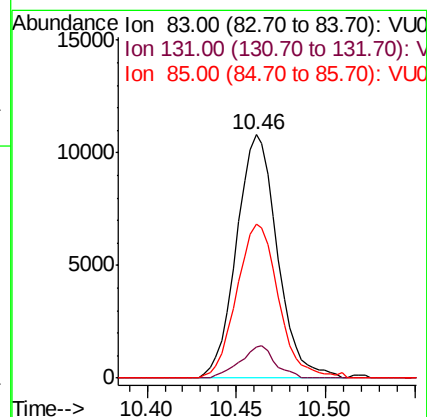
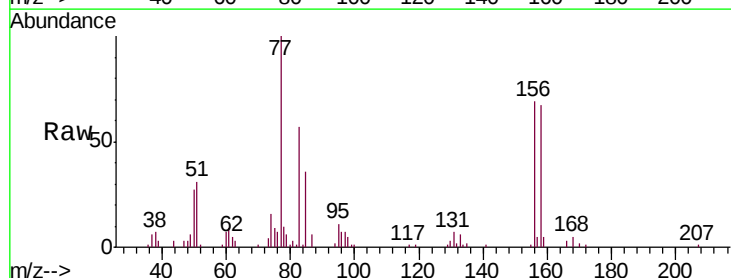
Tgt Ion: 83 Resp: 17273

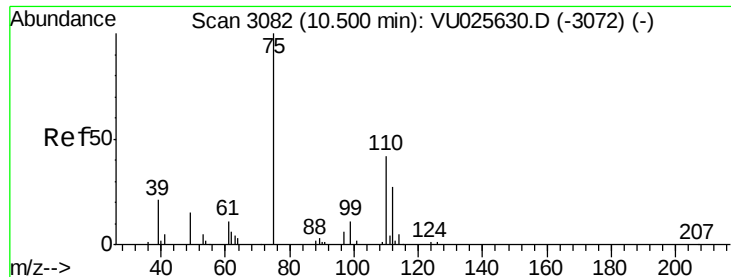
Ion Ratio Lower Upper

83 100

131 11.2 7.9 11.9

85 64.9 51.8 77.6





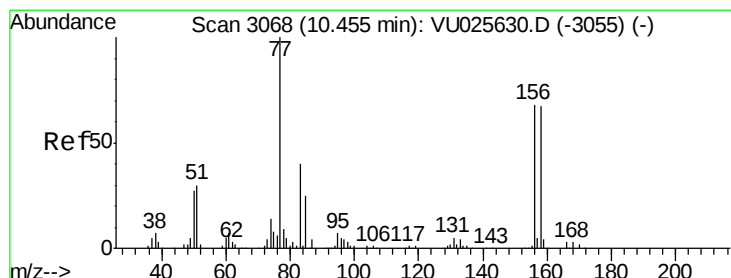
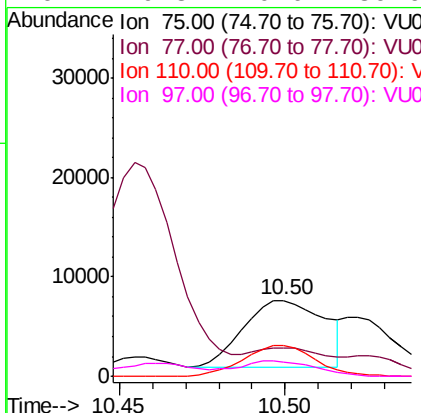
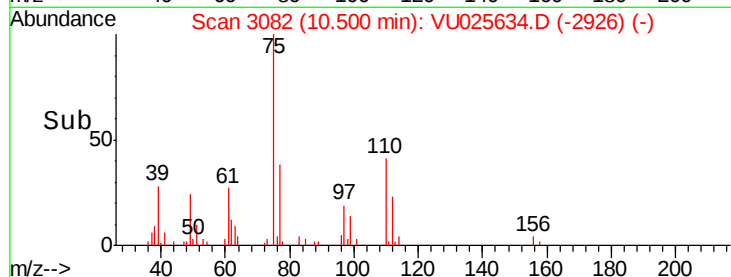
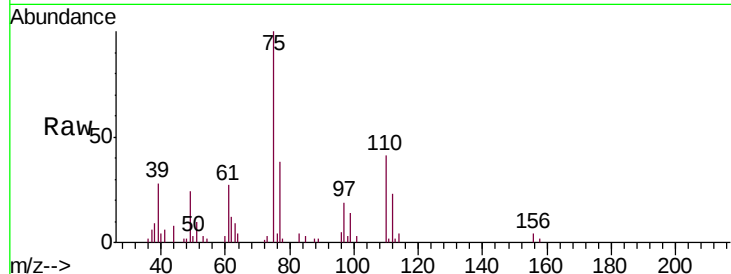
#71
1,2,3-Trichloropropane
Concen: 1.567 ug/l
RT: 10.50 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	11.2	0.0	0.0#
110	41.7	0.0	74.0
97	20.8	0.0	39.6

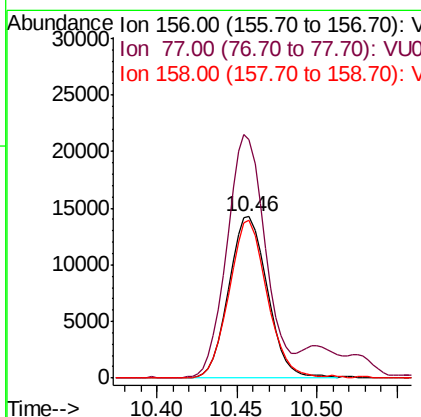
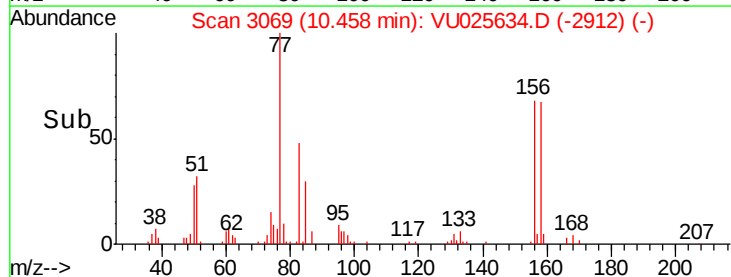
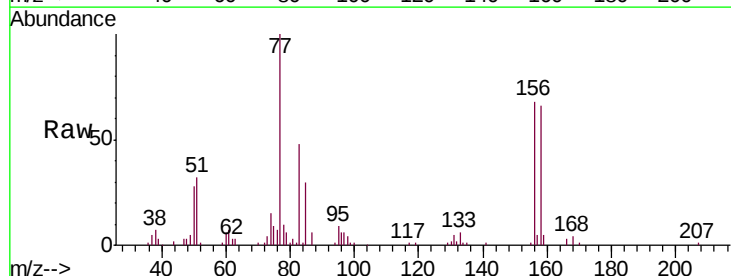
Manual Integrations
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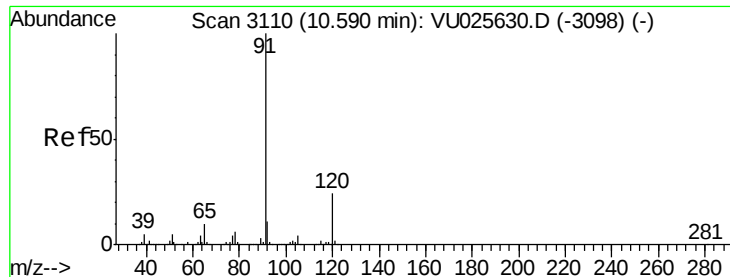
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#72
Bromobenzene
Concen: 1.880 ug/l
RT: 10.46 min Scan# 3069
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Lower	Upper
156	100		
77	151.4	0.0	309.8
158	95.8	0.0	193.0





#73

n-propylbenzene

Concen: 1.909 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion:120 Resp: 25921

Ion Ratio Lower Upper

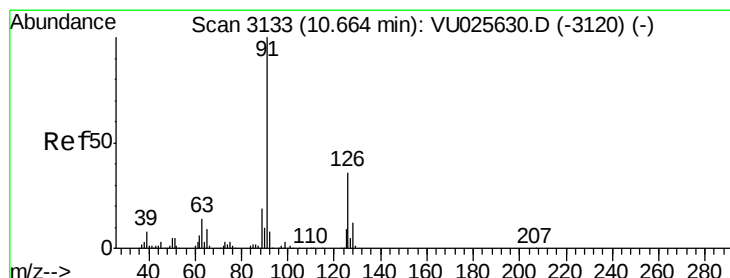
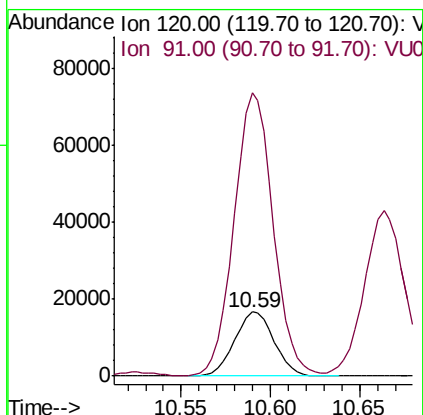
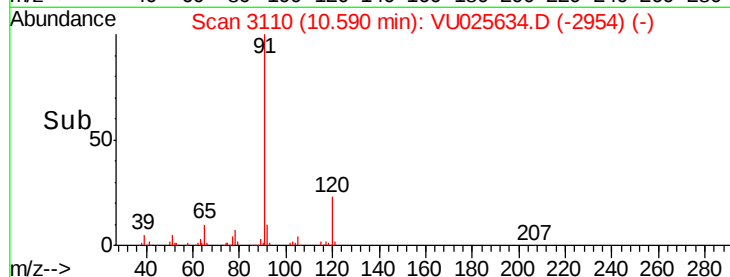
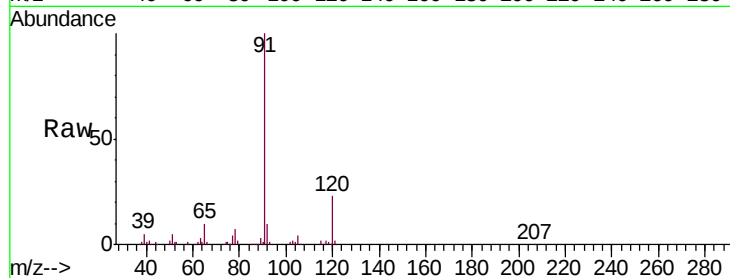
120 100

91 431.6 352.2 528.4

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#74

2-Chlorotoluene

Concen: 1.919 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025634.D

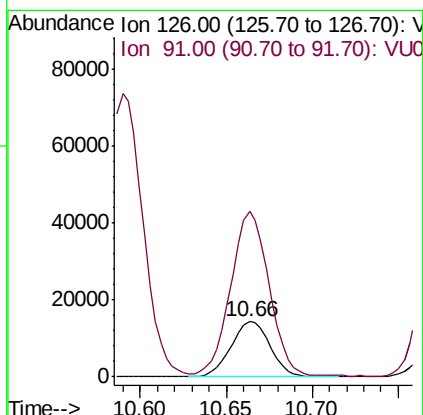
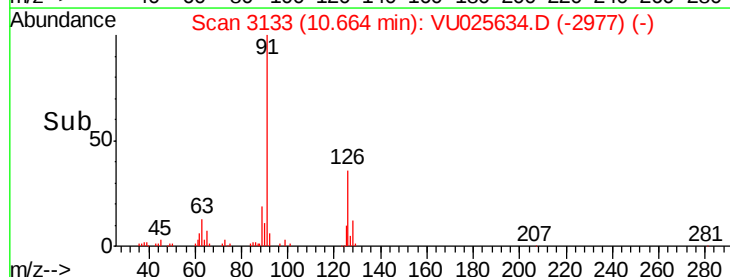
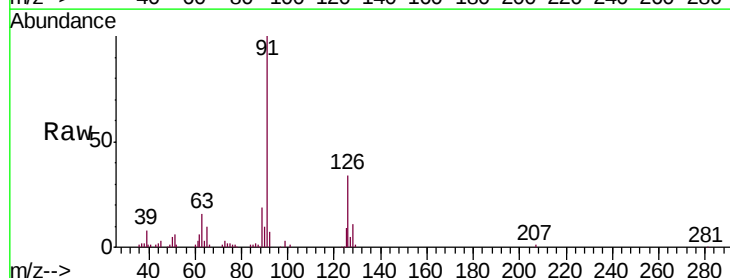
Acq: 25 Jul 2018 13:54

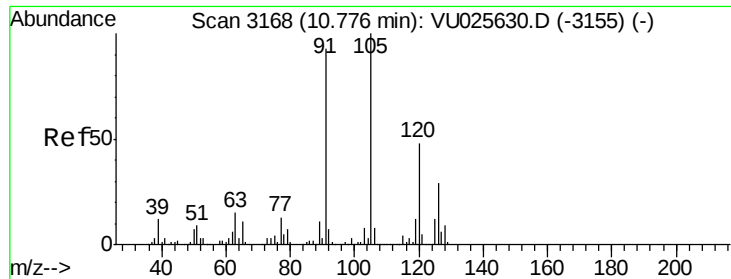
Tgt Ion:126 Resp: 22942

Ion Ratio Lower Upper

126 100

91 288.7 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 1.920 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion:105 Resp: 80782

Ion Ratio Lower Upper

105 100

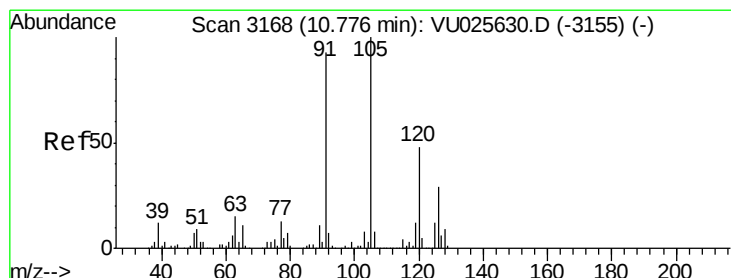
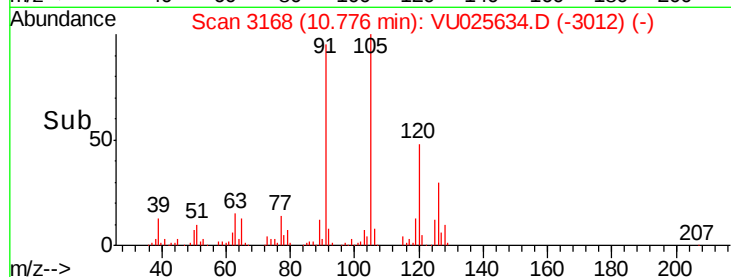
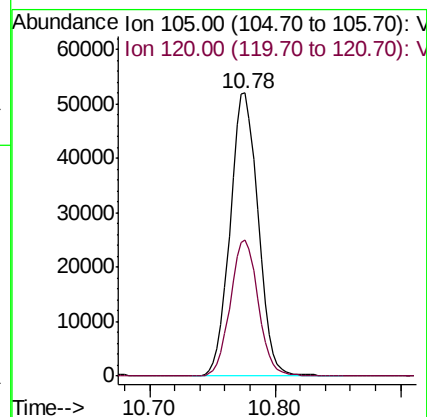
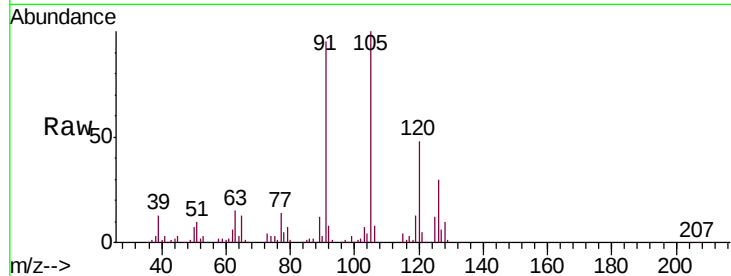
120 47.9 39.0 58.6

Manual Integrations

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#76

4-Chlorotoluene

Concen: 1.891 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025634.D

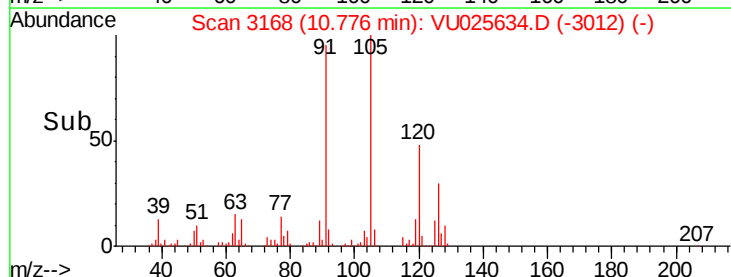
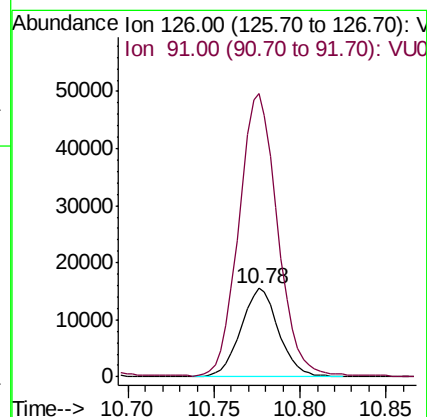
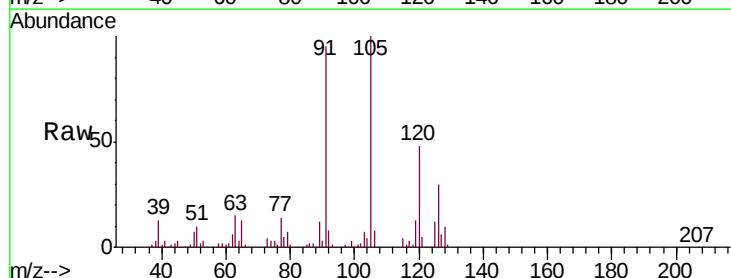
Acq: 25 Jul 2018 13:54

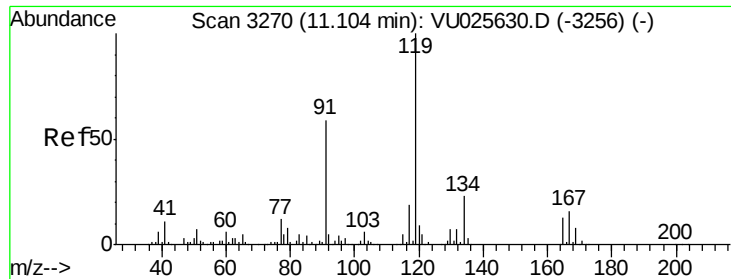
Tgt Ion:126 Resp: 23761

Ion Ratio Lower Upper

126 100

91 325.2 0.0 667.2





#77

tert-Butylbenzene

Concen: 1.854 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

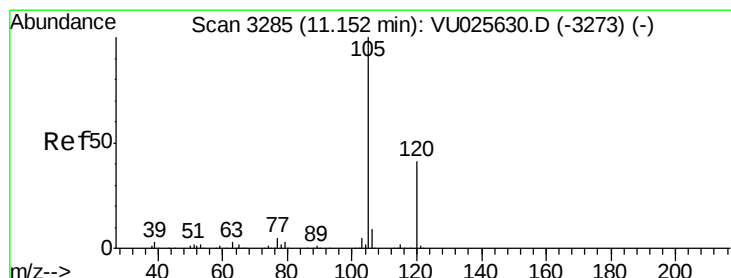
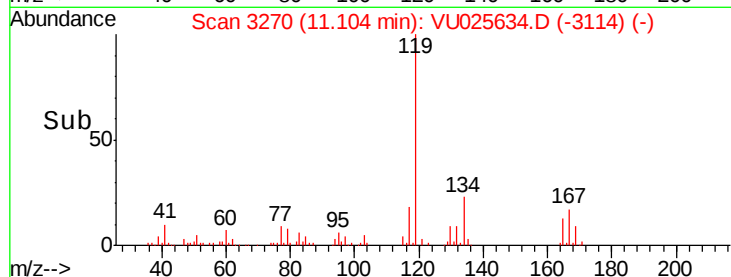
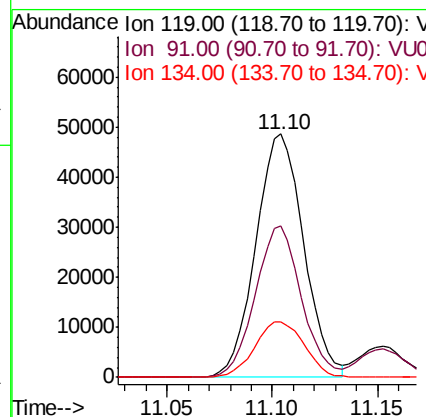
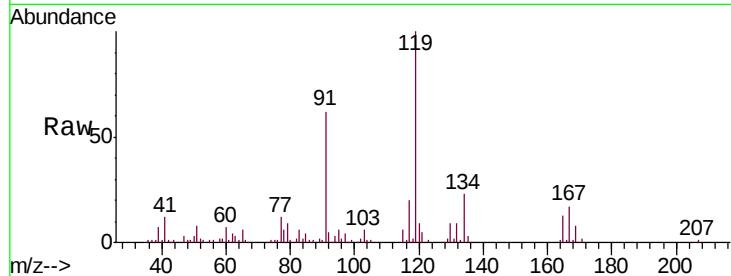
ClientSampleId :

VU0725WBS01

Tot Ion:	119	Resp:	76889
Ion Ratio	Lower	Upper	
119	100		
91	59.9	29.6	88.8
134	23.6	19.1	28.7

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#78

1,2,4-Trimethylbenzene

Concen: 1.903 ug/l

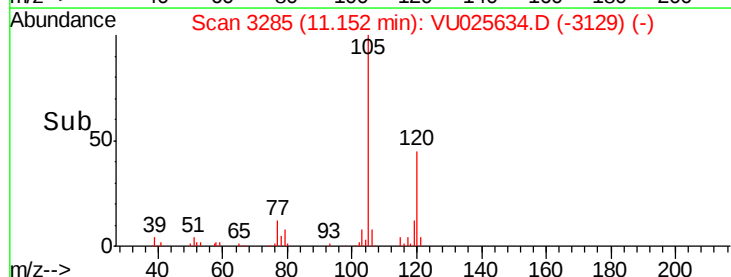
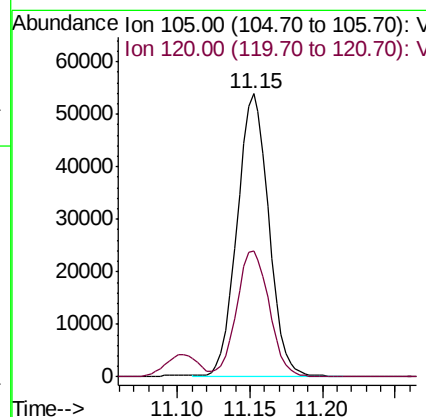
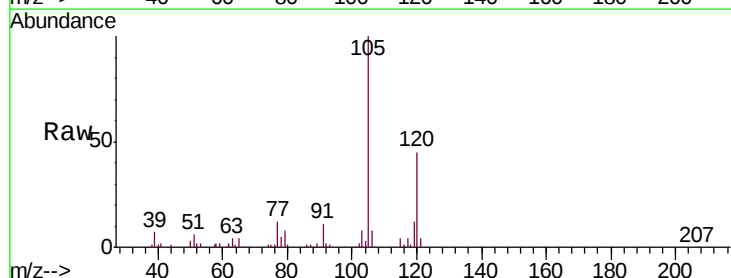
RT: 11.15 min Scan# 3285

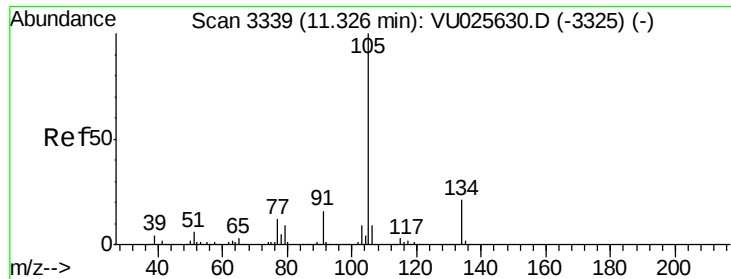
Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	105	Resp:	81705
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.1	69.3





#79

sec-Butylbenzene

Concen: 1.919 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

ClientSampleId :

VU0725WBS01

Tot Ion: 105 Resp: 104598

Ion Ratio Lower Upper

105 100

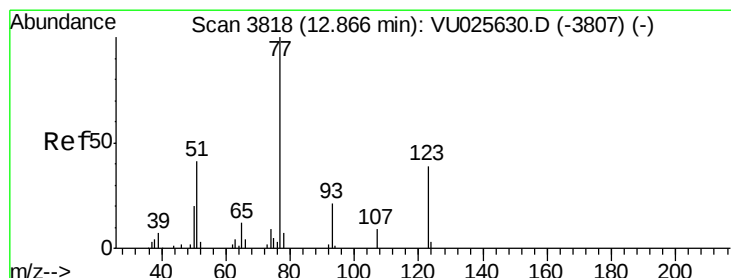
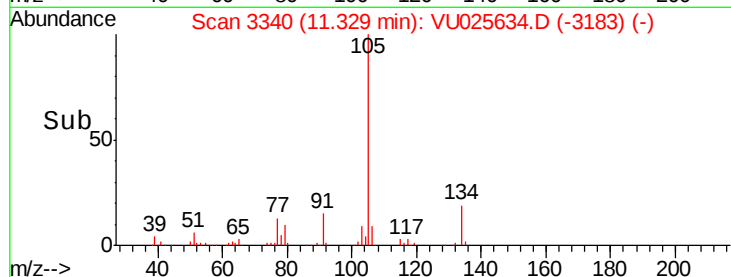
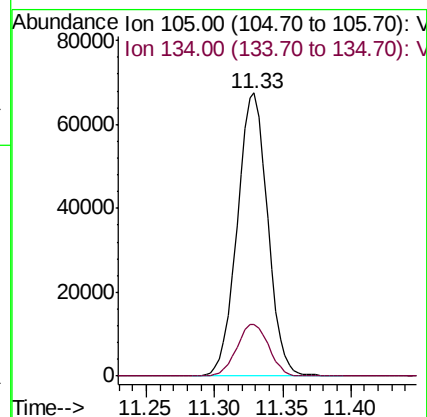
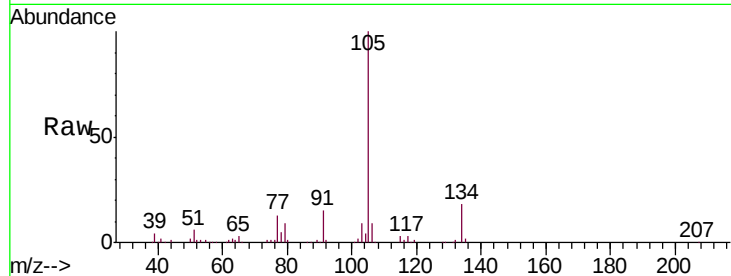
134 19.3 15.6 23.4

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#80

Nitrobenzene

Concen: 10.383 ug/l

RT: 12.87 min Scan# 3818

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

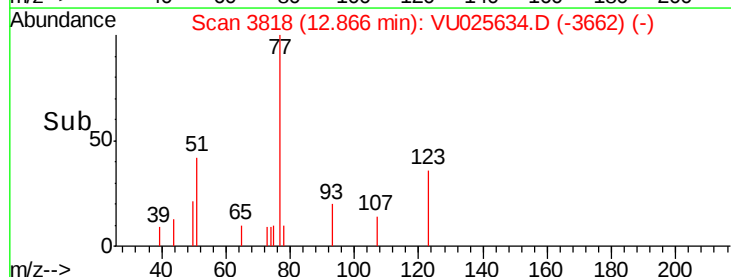
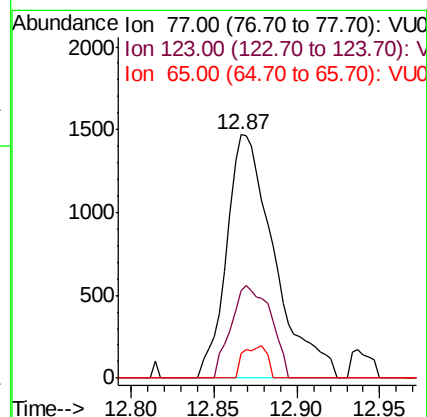
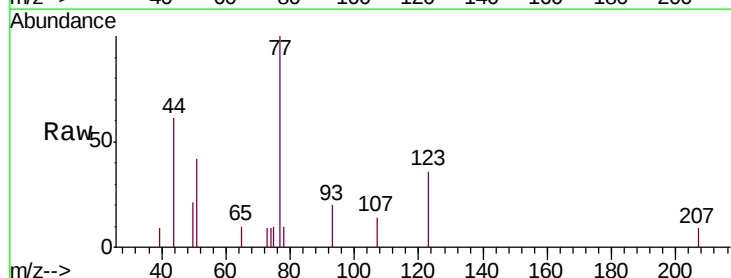
Tgt Ion: 77 Resp: 2937

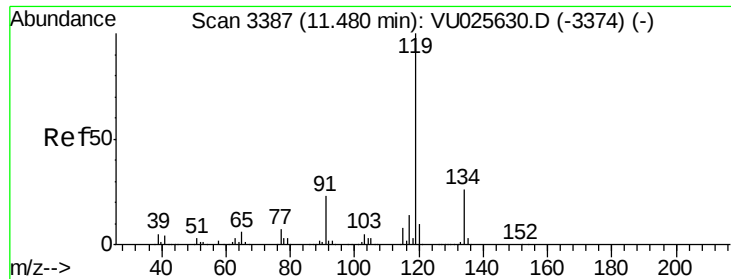
Ion Ratio Lower Upper

77 100

123 31.6 19.4 68.6

65 6.6 11.2 14.2#





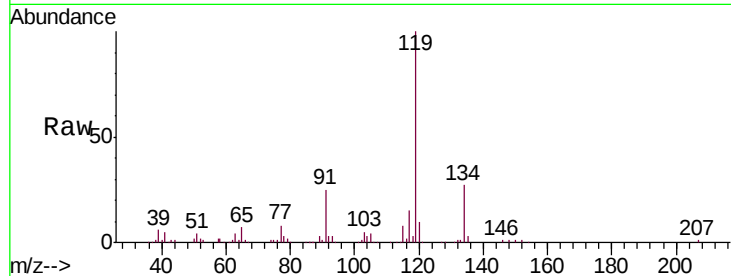
#81
p-Isopropyltoluene
Concen: 1.873 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	86560		
134	26.5		20.9	31.3
91	24.8		18.2	27.2

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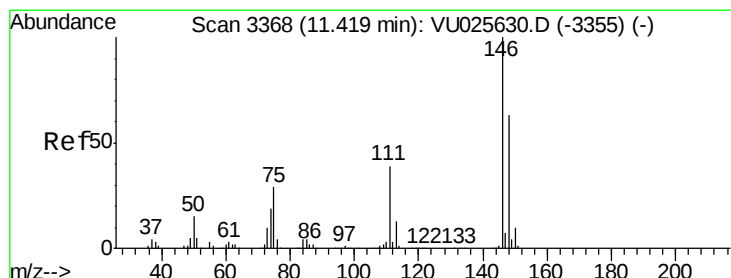
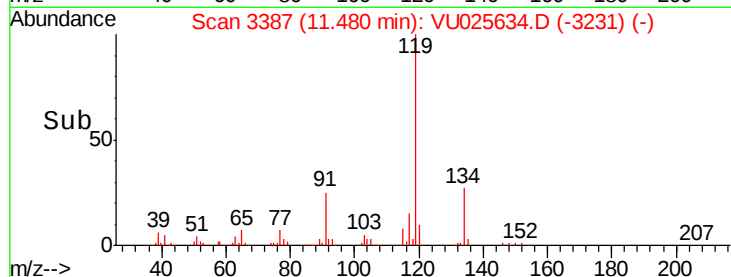
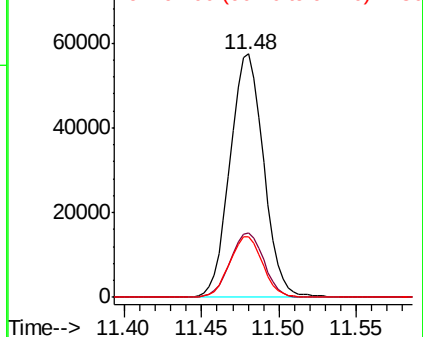


Abundance

Ion 119.00 (118.70 to 119.70): V

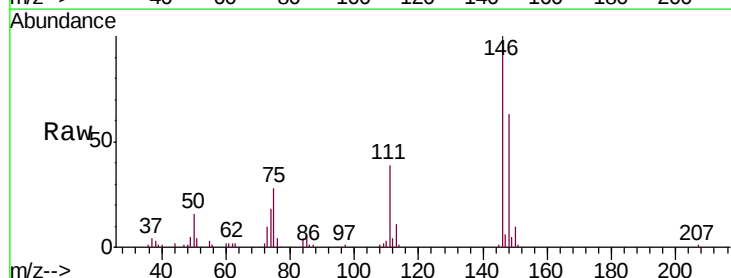
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
1,3-Dichlorobenzene
Concen: 1.942 ug/l
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU025634.D
Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	49978		
111	39.7		31.8	47.6
148	63.3		51.0	76.4

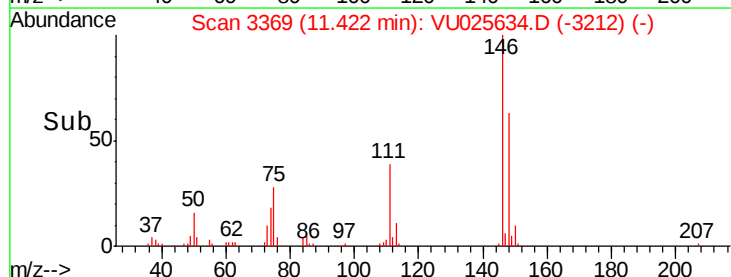
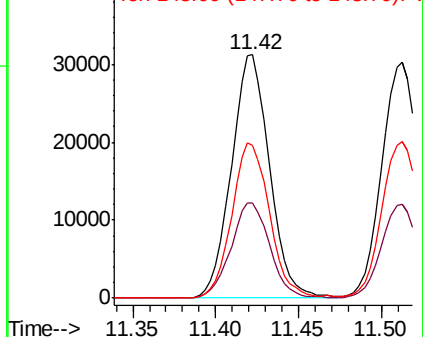


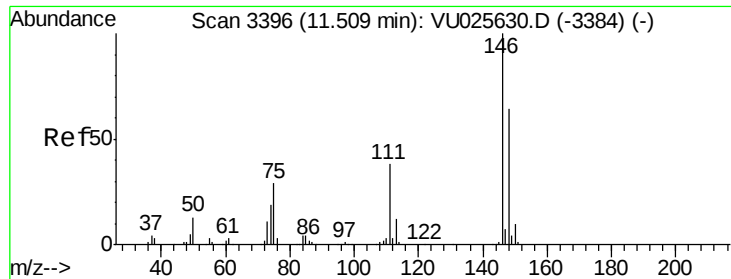
Abundance

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





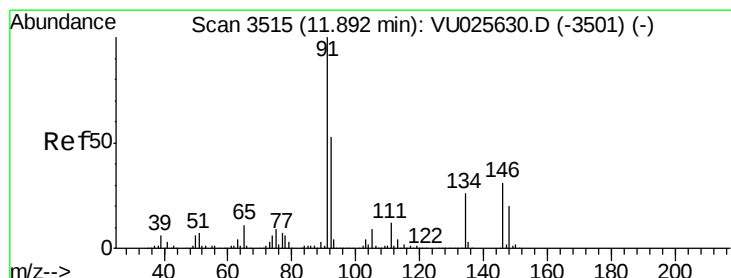
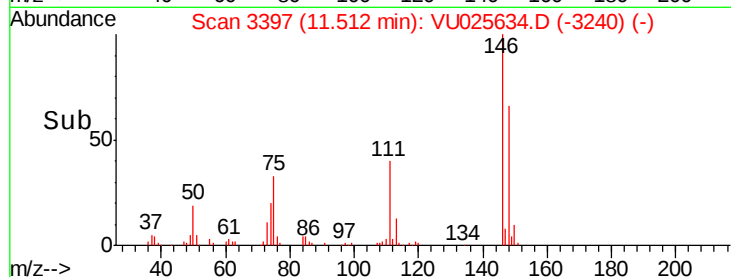
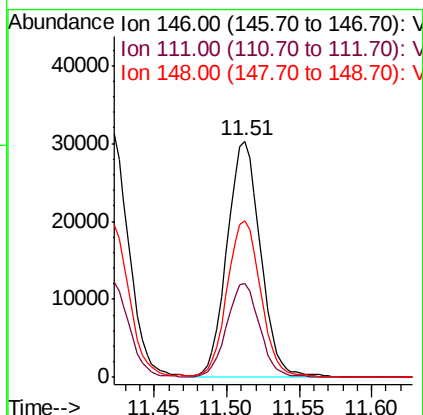
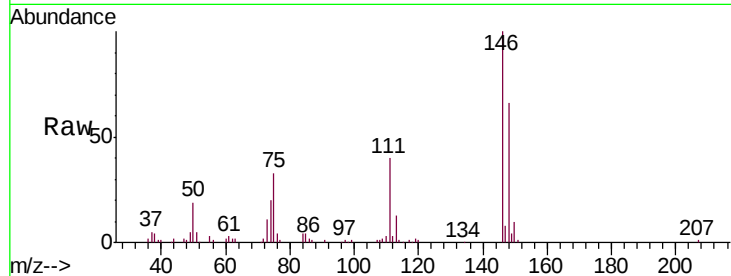
#83
 1,4-Dichlorobenzene
 Concen: 1.939 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	30.1	45.1
148	66.8	50.6	76.0

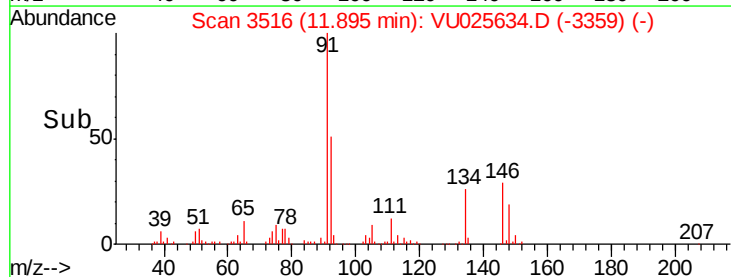
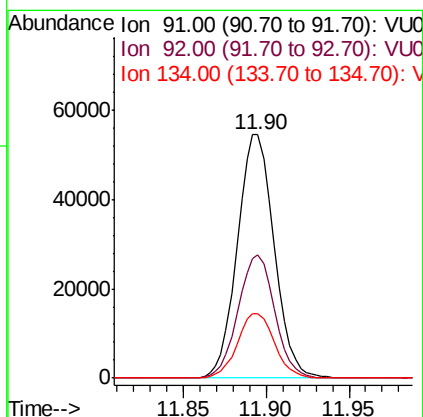
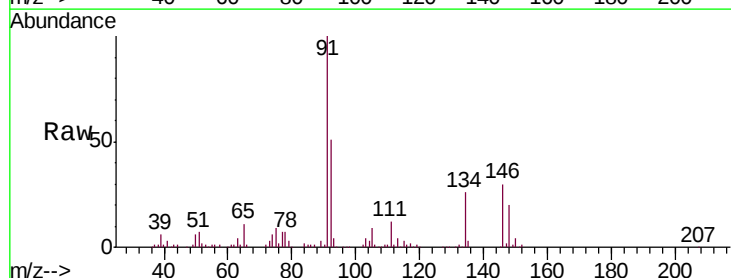
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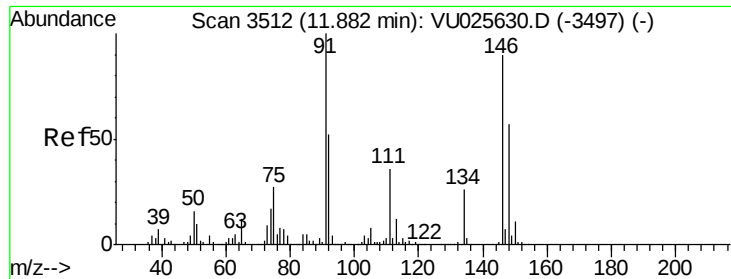
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#84
 n-Butylbenzene
 Concen: 1.941 ug/l
 RT: 11.90 min Scan# 3516
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.2	42.2	63.2
134	26.7	20.3	30.5





#85

1,2-Dichlorobenzene

Concen: 1.984 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

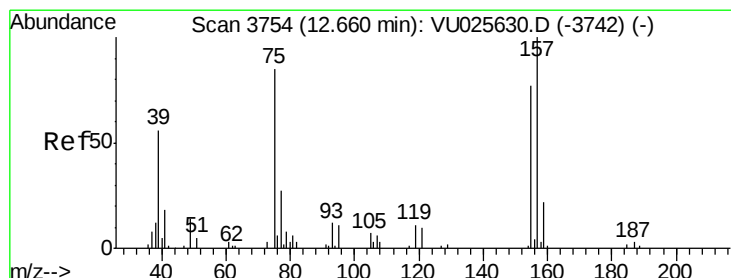
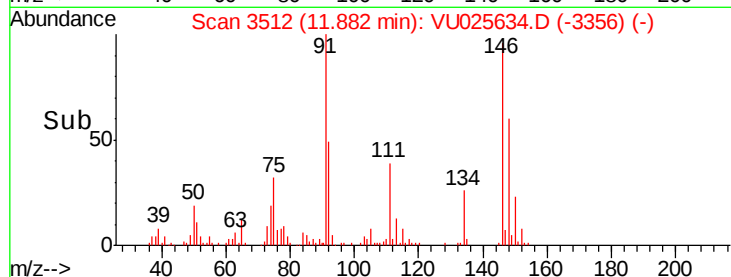
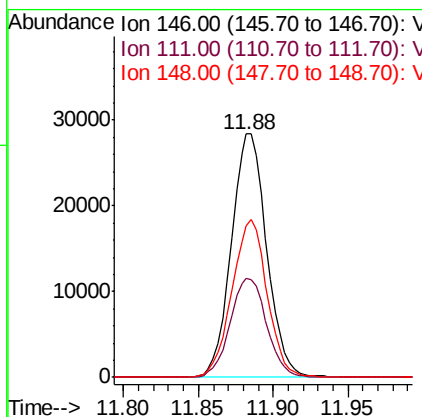
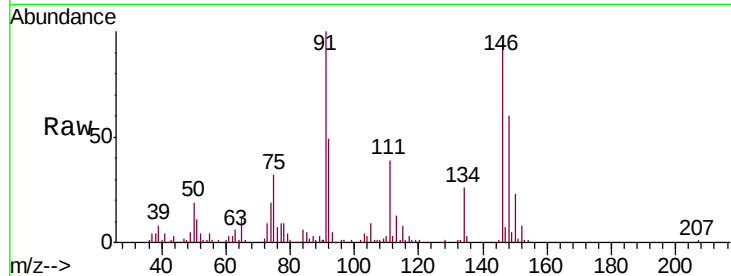
ClientSampleId :

VU0725WBS01

Tot Ion:	146	Resp:	46618
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.7	62.1
148	64.6	31.9	95.5

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#86

1,2-Dibromo-3-Chloropropane

Concen: 1.951 ug/l

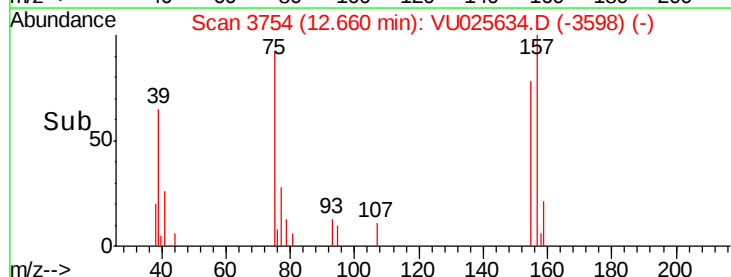
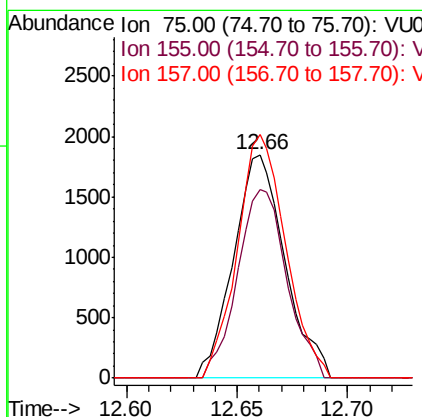
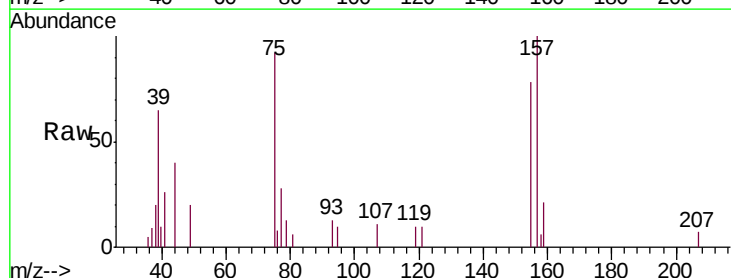
RT: 12.66 min Scan# 3754

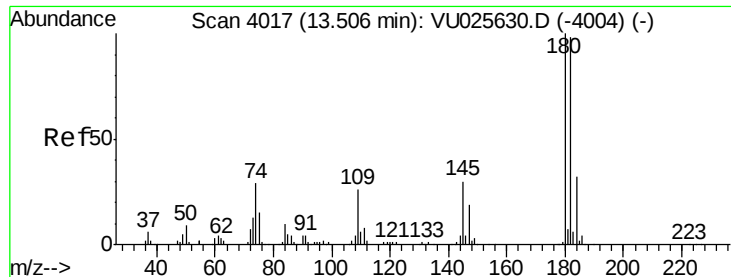
Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	75	Resp:	2991
Ion	Ratio	Lower	Upper
75	100		
155	81.0	65.8	98.6
157	102.6	83.5	125.3





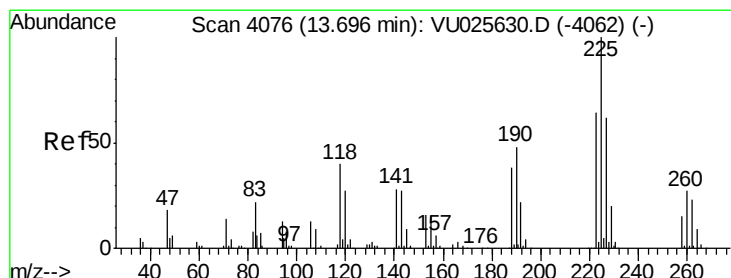
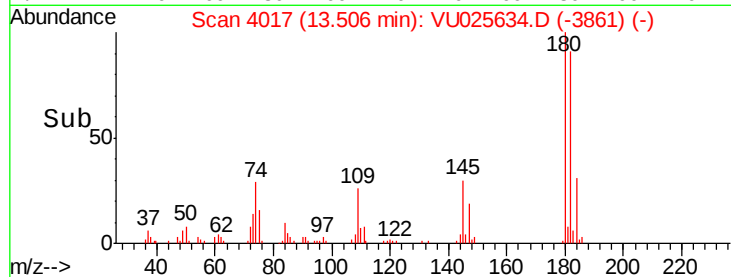
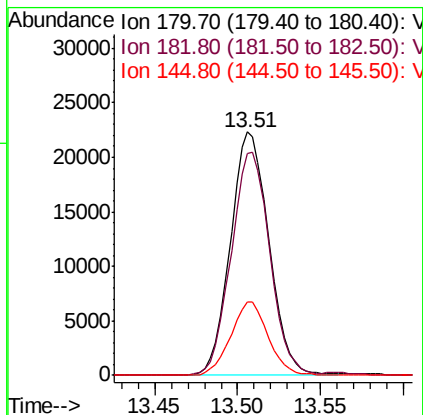
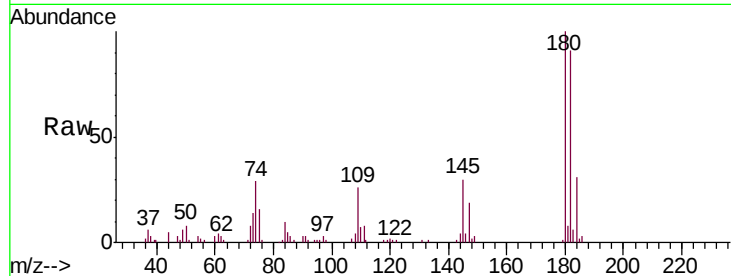
#87
 1,2,4-Trichlorobenzene
 Concen: 2.201 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0725WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	77.1	115.7
145	29.3	23.3	34.9

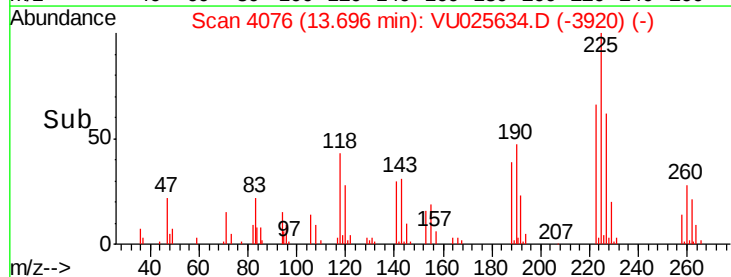
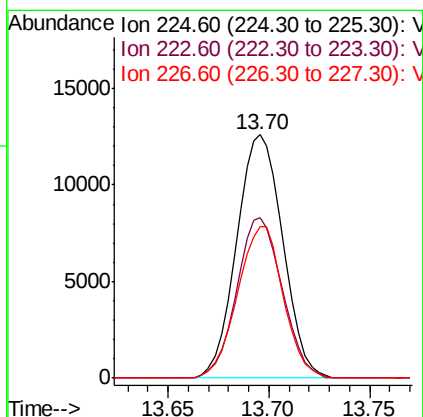
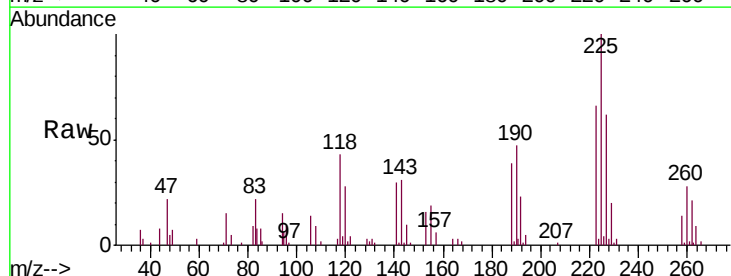
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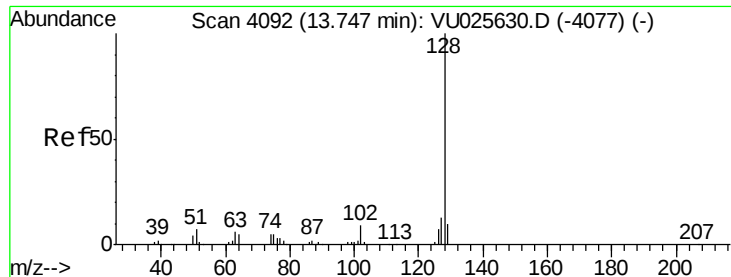
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#88
 Hexachlorobutadiene
 Concen: 2.008 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025634.D
 Acq: 25 Jul 2018 13:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	75.8
227	61.6	51.8	77.6





#89

Naphthalene

Concen: 1.802 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Instrument :

MSVOA_U

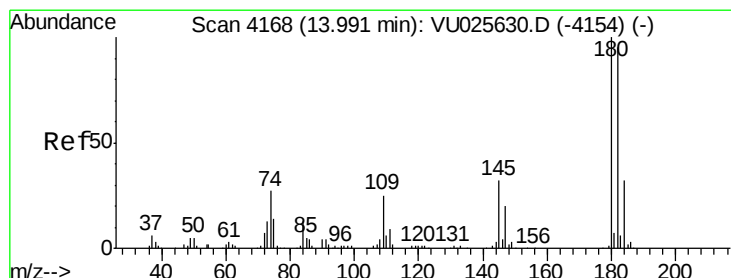
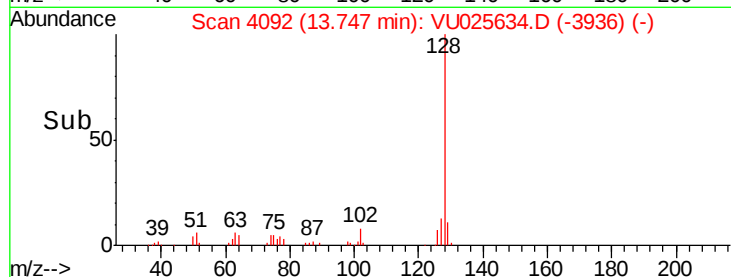
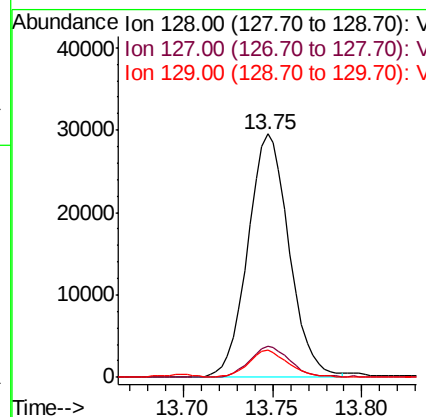
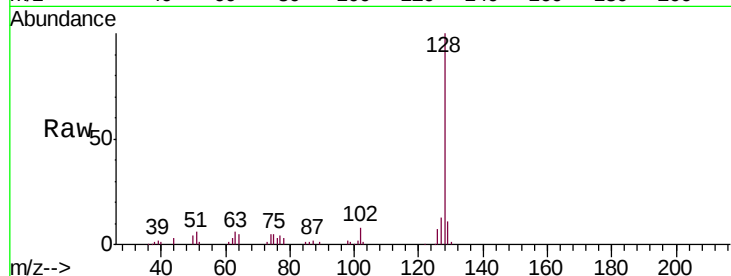
ClientSampleId :

VU0725WBS01

Tot Ion:	128	Resp:	47844
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.9	8.7	13.1

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#90

1,2,3-Trichlorobenzene

Concen: 1.940 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025634.D

Acq: 25 Jul 2018 13:54

Tgt Ion:	180	Resp:	29002
Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.8	115.2
145	30.7	24.6	36.8

