

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024842.D
 Acq On : 22 Jun 2018 19:26
 Operator : MD/SY
 Sample : VU0623WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Manual Integrations
 APPROVED

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 6/26/2018 11:59:44 AM

Quant Time: Jun 23 03:56:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	172885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	258051	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	245288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144336	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	121779	43.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.30%	
35) Dibromofluoromethane	4.89	113	98000	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
50) Toluene-d8	7.57	98	342551	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	
62) 4-Bromofluorobenzene	10.31	95	136499	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38621	17.85	ug/l	99
3) Chloromethane	1.33	50	39034	17.66	ug/l	98
4) Vinyl Chloride	1.40	62	41712	18.29	ug/l	98
5) Bromomethane	1.62	94	26618	24.15	ug/l	94
6) Chloroethane	1.70	64	26936	20.52	ug/l	97
7) Trichlorofluoromethane	1.89	101	68043	19.56	ug/l	98
8) Diethyl Ether	2.10	74	26013	20.87	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38347	17.76	ug/l	96
10) Methyl Iodide	2.41	142	36302	23.06	ug/l	99
11) Tert butyl alcohol	2.82	59	61928	90.22	ug/l	99
12) 1,1-Dichloroethene	2.28	96	35148	17.85	ug/l	92
13) Acrolein	2.19	56	20788	57.67	ug/l	97
14) Allyl chloride	2.59	41	62428	17.08	ug/l	98
15) Acrylonitrile	2.94	53	128581	96.28	ug/l	99
16) Acetone	2.32	43	141632	93.40	ug/l	99
17) Carbon Disulfide	2.48	76	98273	15.59	ug/l	99
18) Methyl Acetate	2.62	43	67677	20.82	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	140604	19.00	ug/l	98
20) Methylene Chloride	2.70	84	43384	18.23	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	39005	17.99	ug/l	95
22) Diisopropyl ether	3.57	45	139981	19.32	ug/l	95
23) Vinyl Acetate	3.53	43	599931	92.43	ug/l	99
24) 1,1-Dichloroethane	3.45	63	77654	18.63	ug/l	99
25) 2-Butanone	4.26	43	197606	97.01	ug/l	96
26) 2,2-Dichloropropane	4.23	77	73653	18.61	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	47298	18.98	ug/l	100
28) Bromochloromethane	4.55	49	38869	21.17	ug/l	88
29) Tetrahydrofuran	4.64	42	116135	92.07	ug/l	96
30) Chloroform	4.68	83	81166	19.24	ug/l	98
31) Cyclohexane	5.00	56	72054	18.21	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	73978	18.96	ug/l	97
36) 1,1-Dichloropropene	5.14	75	57241	18.88	ug/l	98
37) Ethyl Acetate	4.38	43	68239	20.65	ug/l	96
38) Carbon Tetrachloride	5.14	117	65293	19.58	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	71108	18.79	ug/l	96
40) Benzene	5.39	78	172674	19.98	ug/l	100
41) Methacrylonitrile	4.55	41	38438	21.57	ug/l	99
42) 1,2-Dichloroethane	5.41	62	69235	21.04	ug/l	99
43) Isopropyl Acetate	5.55	43	112699	19.73	ug/l	99
44) Trichloroethene	6.19	130	47336	19.25	ug/l	95
45) 1,2-Dichloropropane	6.44	63	46556	20.19	ug/l	98
46) Dibromomethane	6.56	93	33963	20.97	ug/l	99
47) Bromodichloromethane	6.76	83	63078	19.56	ug/l	98
48) Methyl methacrylate	6.63	41	55229	19.85	ug/l	98
49) 1,4-Dioxane	6.62	88	26570	488.40	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	368465	102.66	ug/l	99
52) Toluene	7.64	92	109437	19.69	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	68460	18.90	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	72673	18.83	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	45948	20.33	ug/l	99
56) Ethyl methacrylate	8.02	69	74514	19.70	ug/l	97
57) 1,3-Dichloropropane	8.25	76	77558	20.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	97859	67.54	ug/l	95
59) 2-Hexanone	8.36	43	294602	100.54	ug/l	100
60) Dibromochloromethane	8.48	129	51965	18.44	ug/l	99
61) 1,2-Dibromoethane	8.59	107	49507	19.68	ug/l	99
64) Tetrachloroethene	8.23	164	42417	18.19	ug/l	97
65) Chlorobenzene	9.12	112	126249	20.15	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	47246	19.85	ug/l	98
67) Ethyl Benzene	9.25	91	214786	19.55	ug/l	99
68) m/p-Xylenes	9.38	106	166622	39.50	ug/l	97
69) o-Xylene	9.78	106	84004	20.12	ug/l	97
70) Styrene	9.80	104	132060	19.25	ug/l	97
71) Bromoform	9.96	173	40244	17.79	ug/l #	100
73) Isopropylbenzene	10.17	105	226173	20.41	ug/l	100
74) N-amyl acetate	10.01	43	98631	18.71	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	78868	21.24	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	77324m	24.33	ug/l	
77) Bromobenzene	10.45	156	57135	20.37	ug/l	95
78) n-propylbenzene	10.59	91	249656	19.12	ug/l	98
79) 2-Chlorotoluene	10.66	91	153030	19.88	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	191040	19.89	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	24807m	18.07	ug/l	
82) 4-Chlorotoluene	10.78	91	175350	19.57	ug/l	100
83) tert-Butylbenzene	11.10	119	194016	21.00	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	194933	19.92	ug/l	100
85) sec-Butylbenzene	11.33	105	230335	19.92	ug/l	98
86) p-Isopropyltoluene	11.48	119	200542	19.36	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	103227	19.92	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	102540	19.66	ug/l	99
89) n-Butylbenzene	11.89	91	162990	17.72	ug/l	97
90) Hexachloroethane	12.15	117	36333	17.98	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	108437	20.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20311	19.82	ug/l	94

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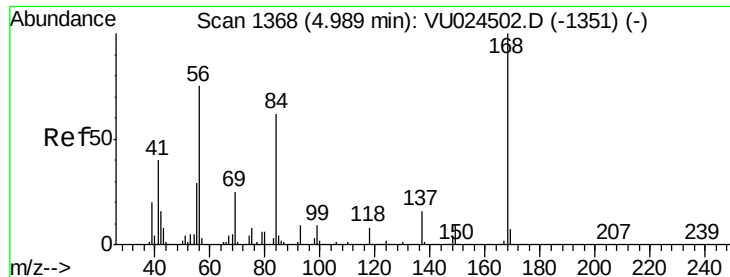
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	69623	21.72	ug/l	99
94) Hexachlorobutadiene	13.70	225	36110	20.01	ug/l	97
95) Naphthalene	13.74	128	236990	22.71	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	73846	23.12	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion:168 Resp: 172885

Ion Ratio Lower Upper

168 100

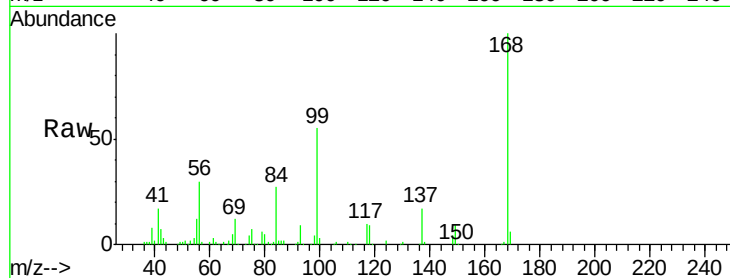
99 54.6 43.2 64.8

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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

80000

60000

40000

20000

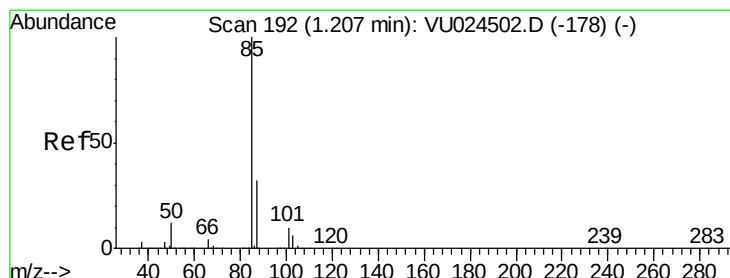
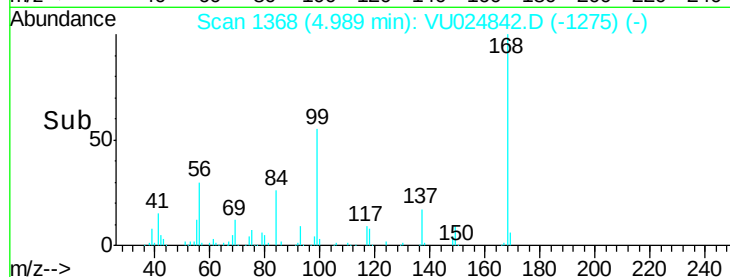
0

4.90

5.00

5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.85 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024842.D

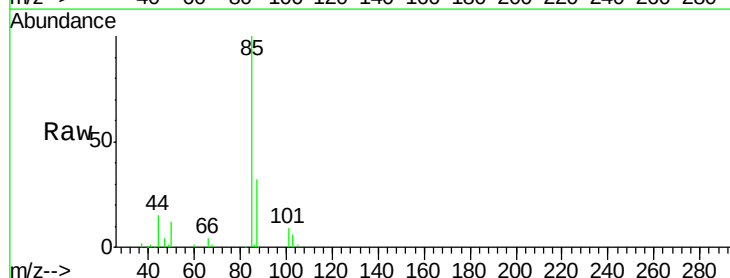
Acq: 22 Jun 2018 19:26

Tgt Ion: 85 Resp: 38621

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)

1.20

40000

30000

20000

10000

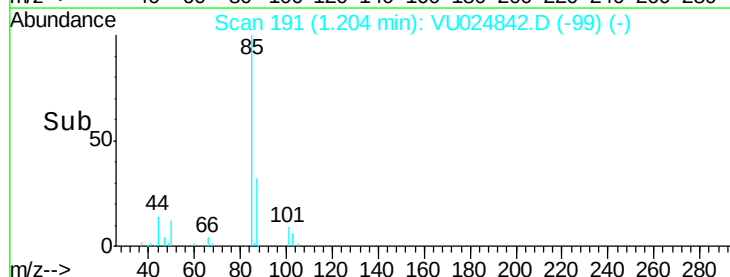
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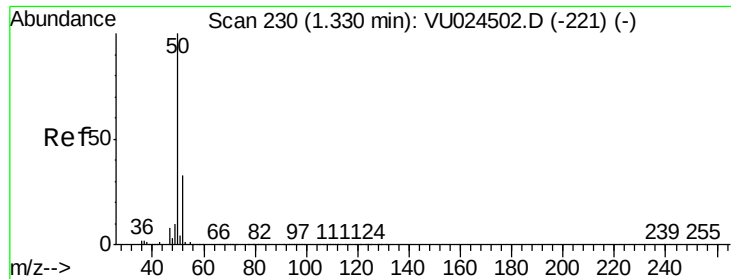
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 17.66 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion: 50 Resp: 39034

Ion Ratio Lower Upper

50 100

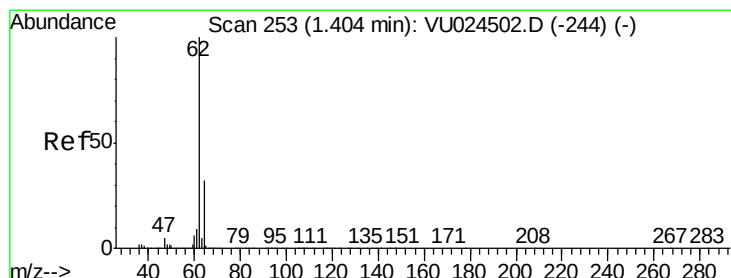
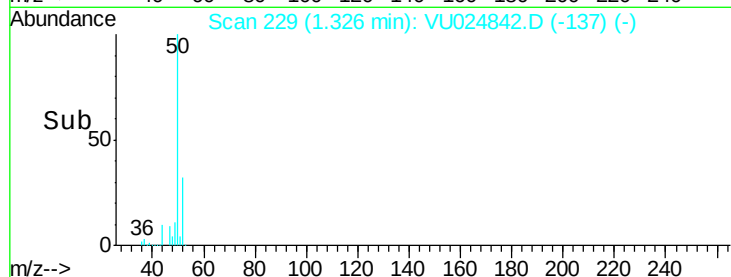
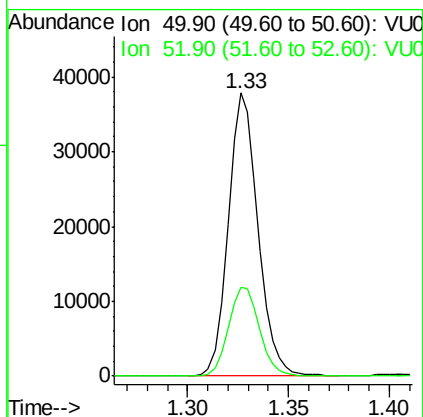
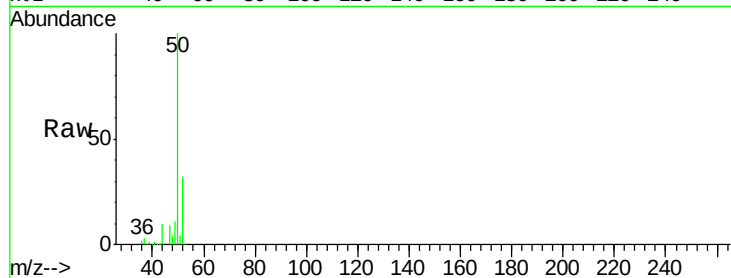
52 31.6 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.29 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024842.D

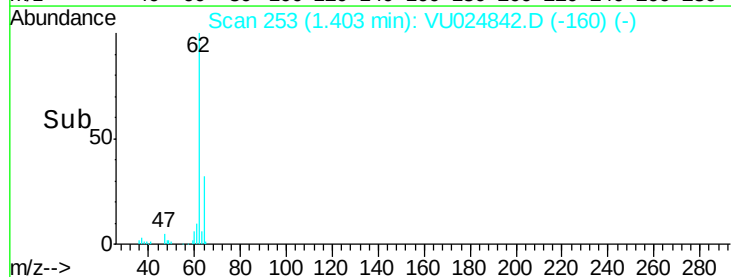
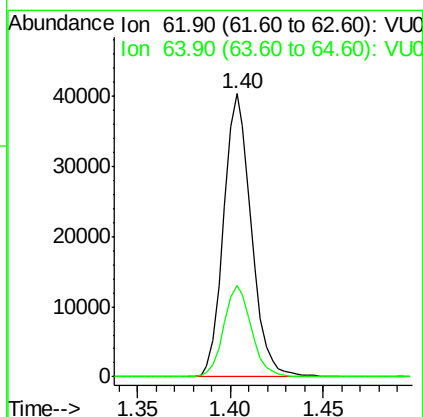
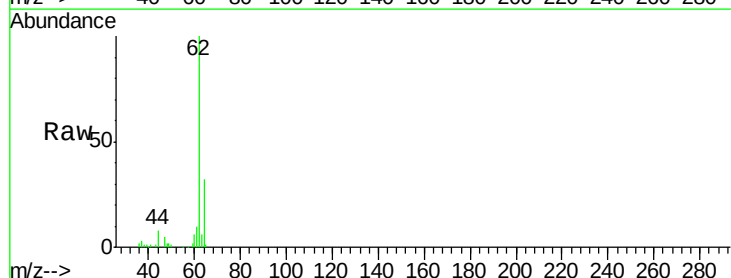
Acq: 22 Jun 2018 19:26

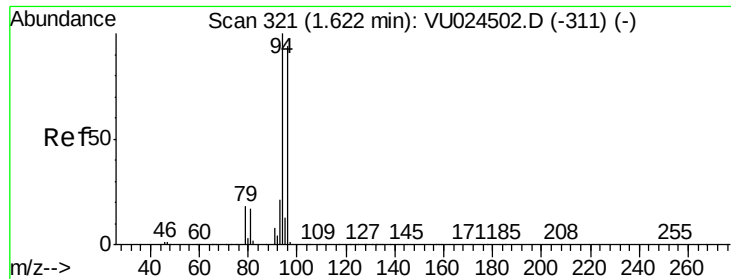
Tgt Ion: 62 Resp: 41712

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 24.15 ug/l

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion: 94 Resp: 26618

Ion Ratio Lower Upper

94 100

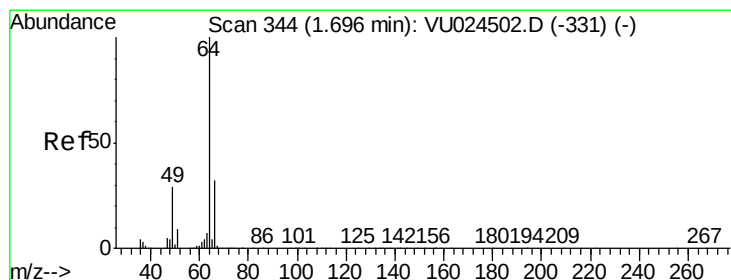
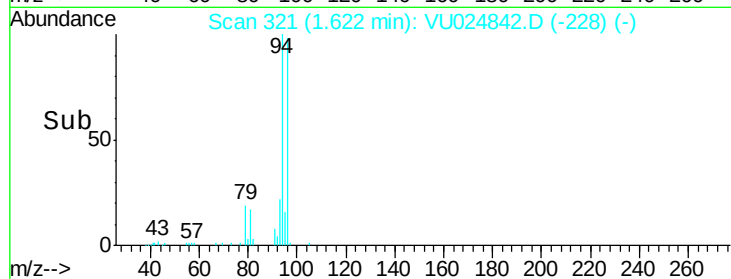
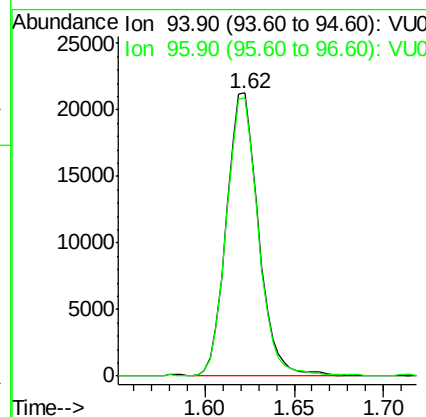
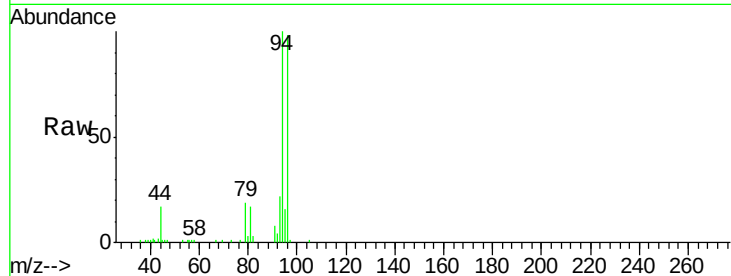
96 98.4 74.5 111.7

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#6

Chloroethane

Concen: 20.52 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024842.D

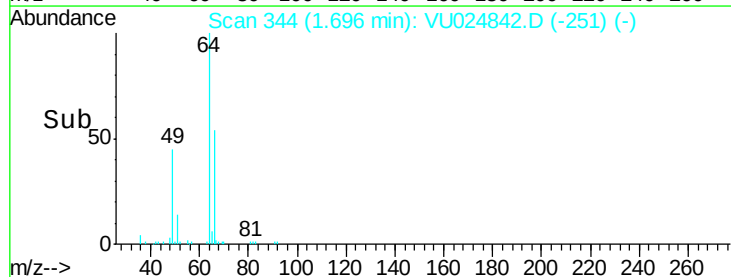
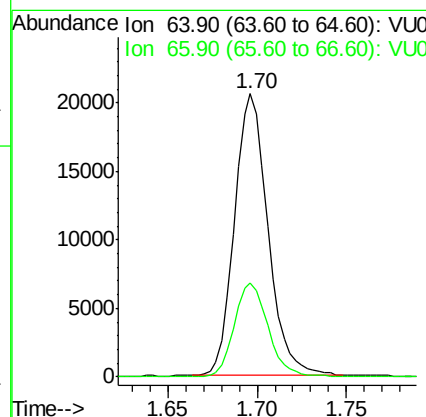
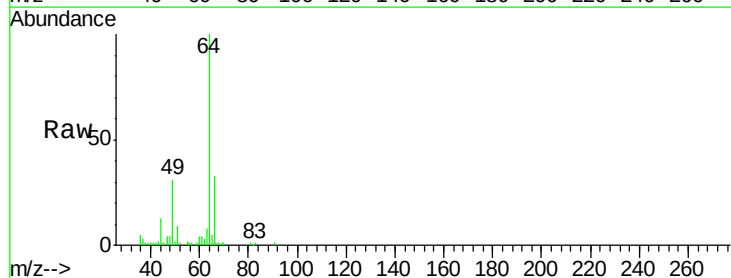
Acq: 22 Jun 2018 19:26

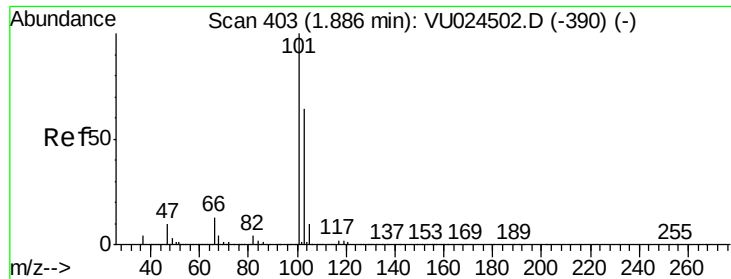
Tgt Ion: 64 Resp: 26936

Ion Ratio Lower Upper

64 100

66 33.6 25.5 38.3





#7

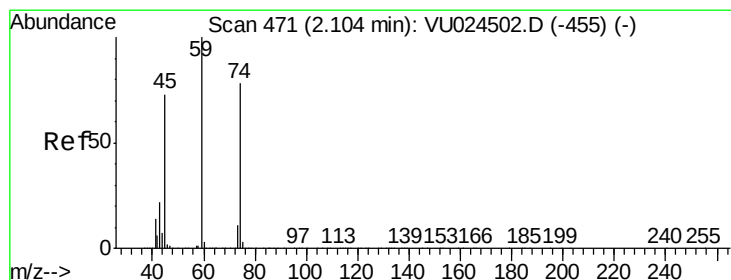
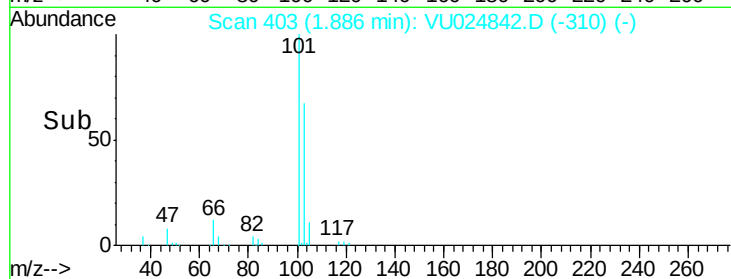
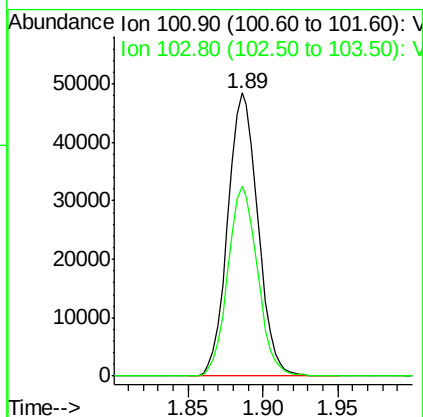
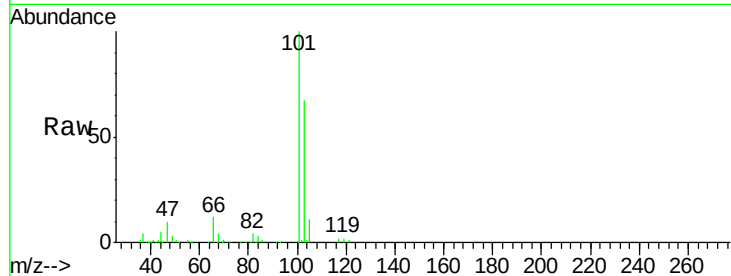
Trichlorofluoromethane
Concen: 19.56 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

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ClientSampleId :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.2	52.3	78.5

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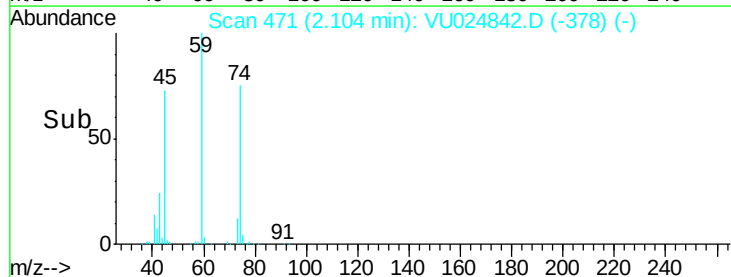
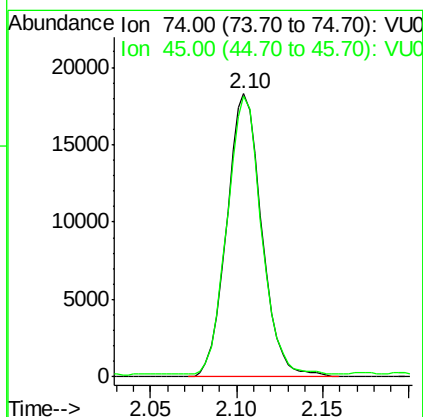
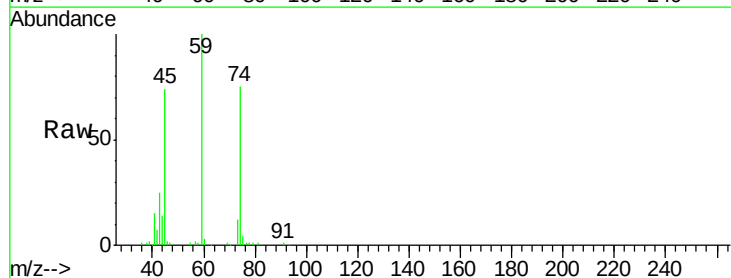
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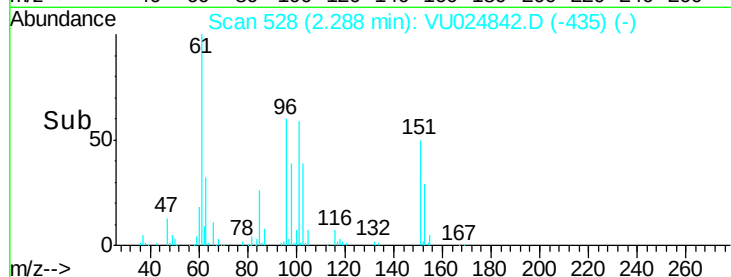
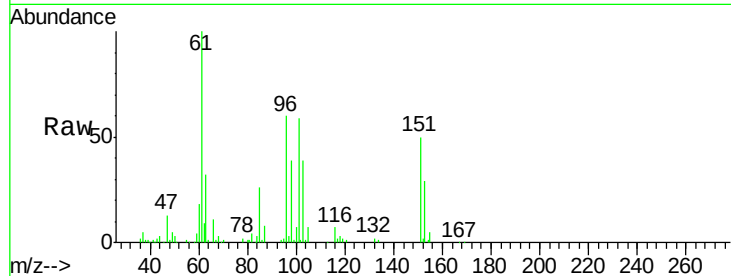
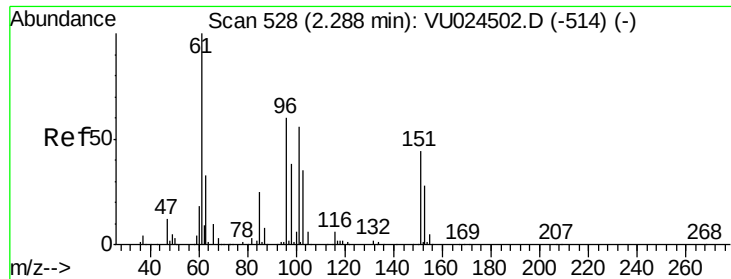


#8

Diethyl Ether
Concen: 20.87 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	55.0	165.0





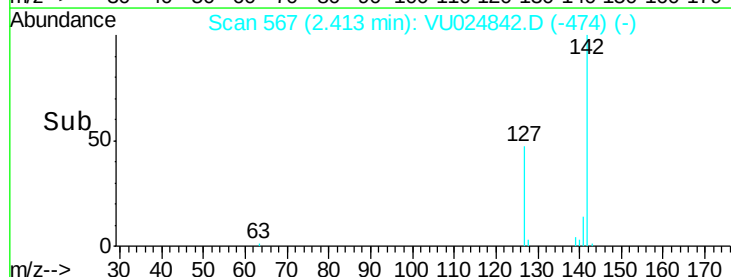
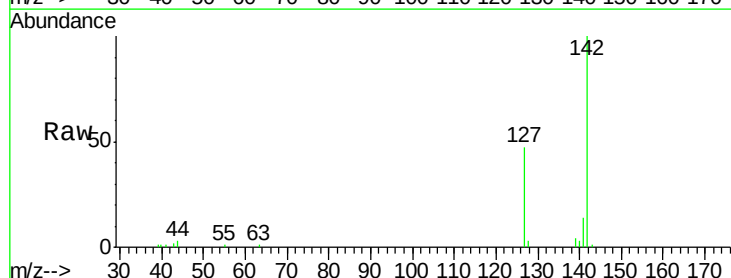
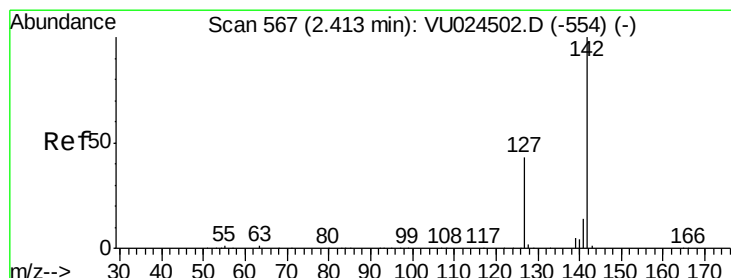
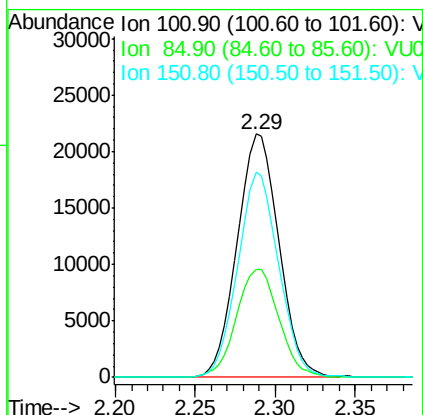
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.76 ug/l
RT: 2.29 min Scan# 528
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tot Ion	Ratio	Resp	Lower	Upper
101	100	38347		
85	45.2	36.0	54.0	
151	82.7	62.3	93.5	

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

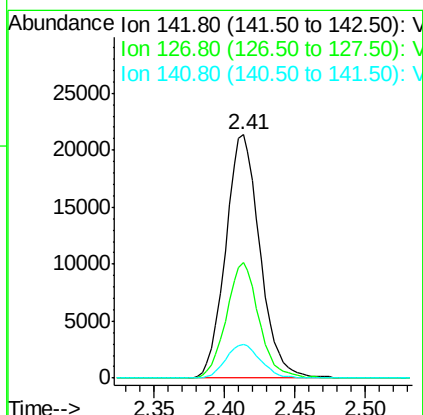
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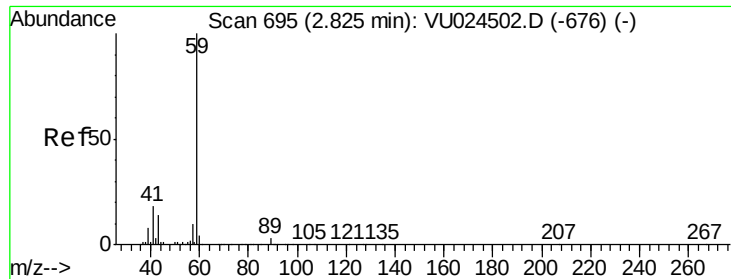
apatel
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#10
Methyl Iodide
Concen: 23.06 ug/l
RT: 2.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	36302		
127	44.9	35.6	53.4	
141	13.8	11.7	17.5	





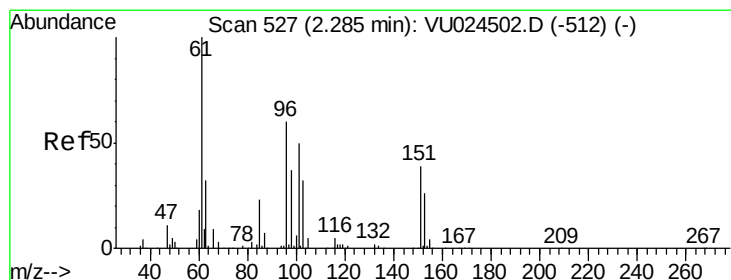
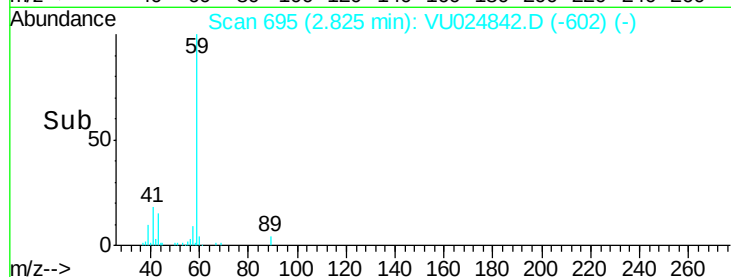
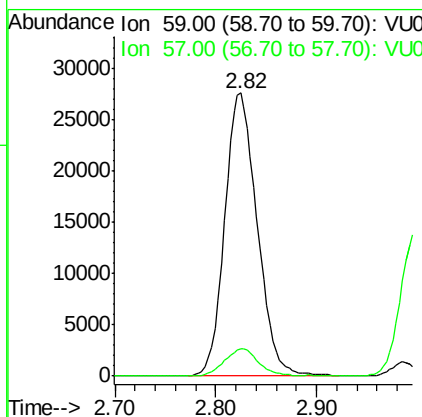
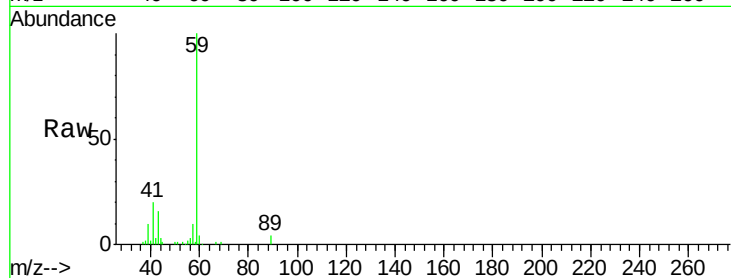
#11
Tert butyl alcohol
Concen: 90.22 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	59	Resp	61928
Ion Ratio	100	Lower	Upper
57	10.1	8.5	12.7

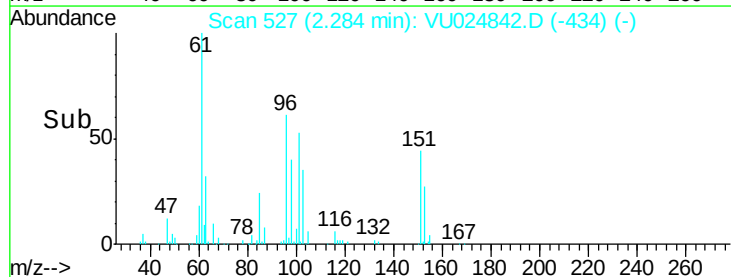
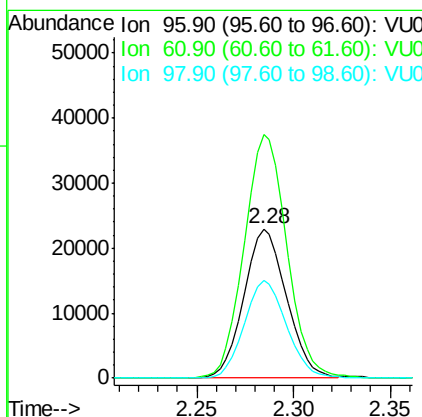
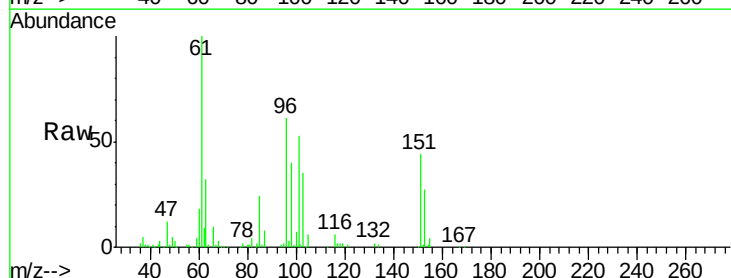
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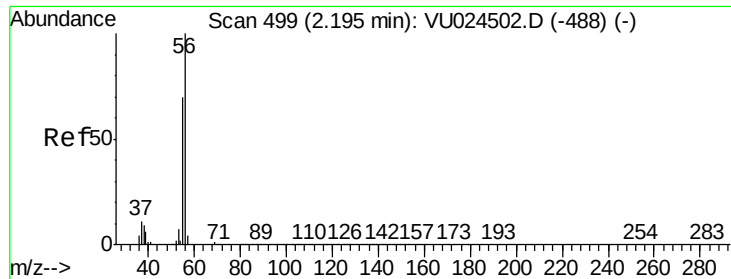
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#12
1,1-Dichloroethene
Concen: 17.85 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	96	Resp	35148
Ion Ratio	100	Lower	Upper
61	162.8	141.7	212.5
98	65.3	51.6	77.4





#13

Acrolein

Concen: 57.67 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion: 56 Resp: 20788

Ion Ratio Lower Upper

56 100

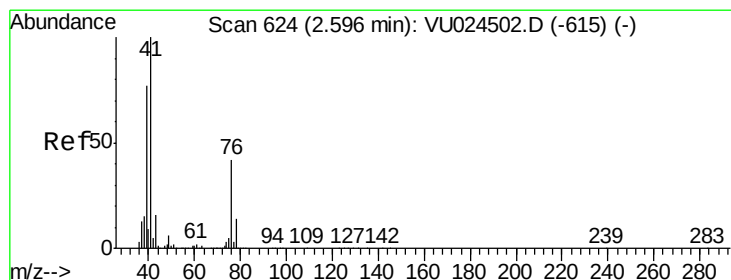
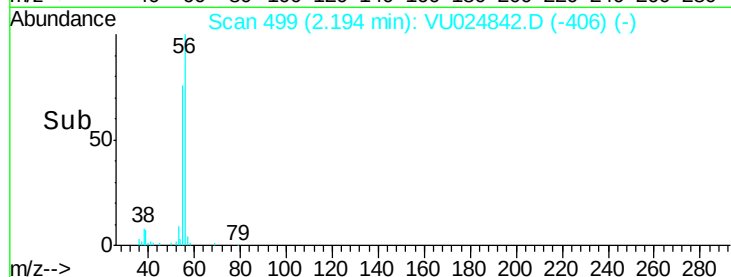
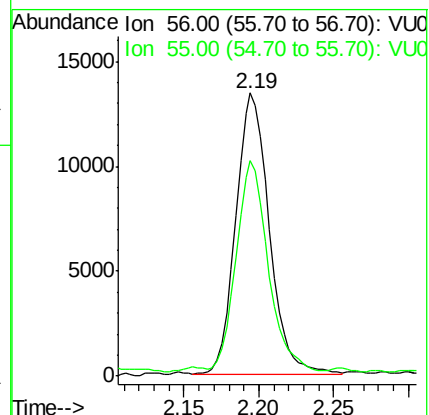
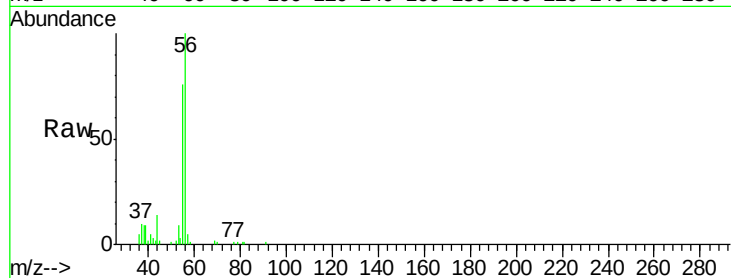
55 70.9 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 17.08 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

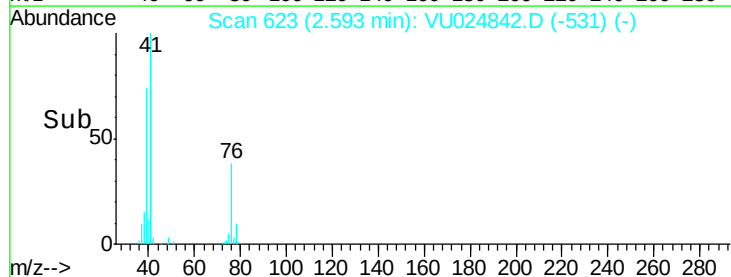
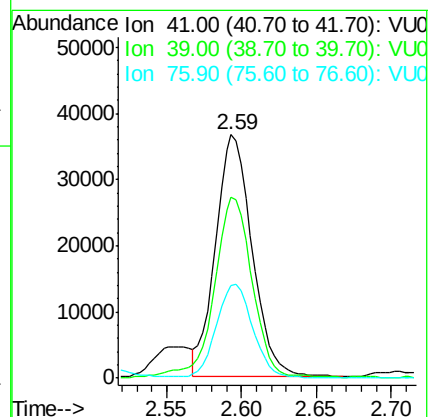
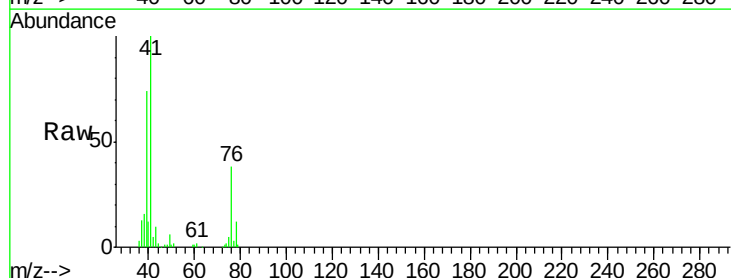
Tgt Ion: 41 Resp: 62428

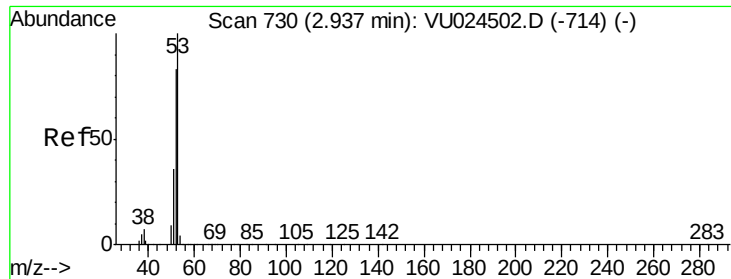
Ion Ratio Lower Upper

41 100

39 78.2 61.6 92.4

76 38.9 29.7 44.5





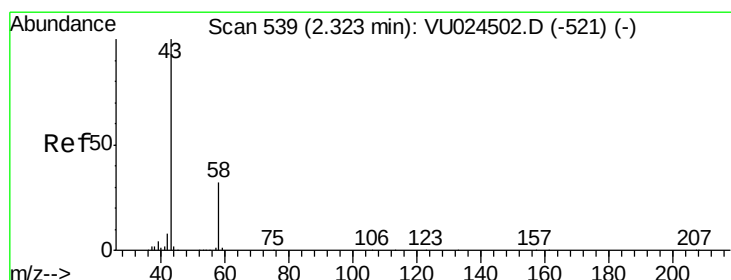
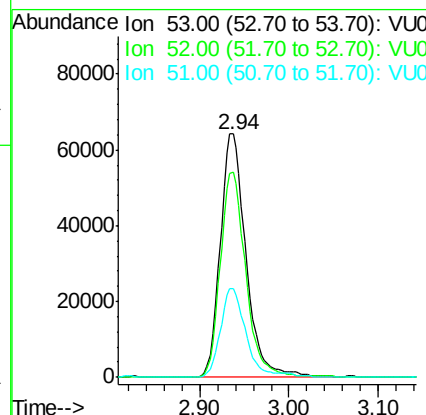
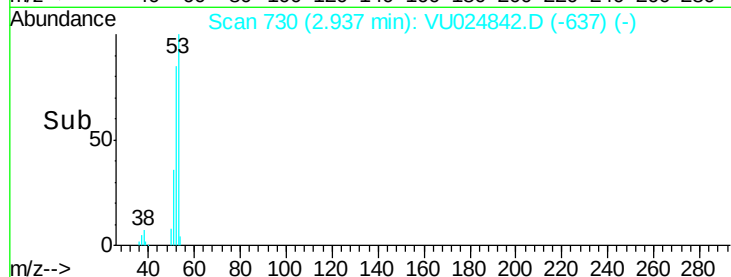
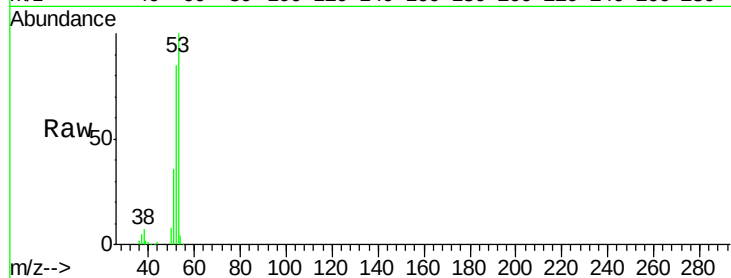
#15
 Acrylonitrile
 Concen: 96.28 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.8	67.1	100.7	
51	35.7	28.4	42.6	

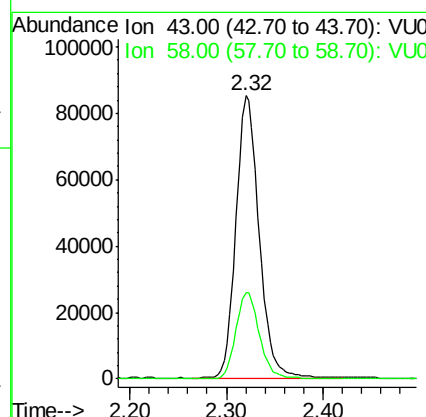
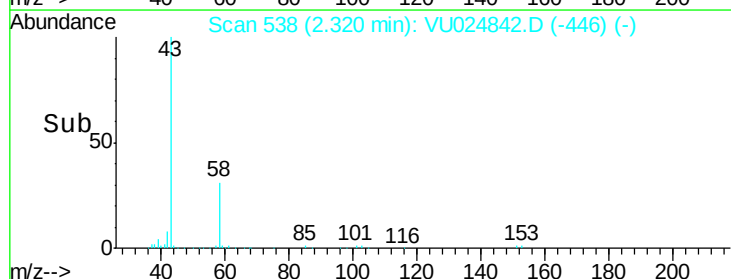
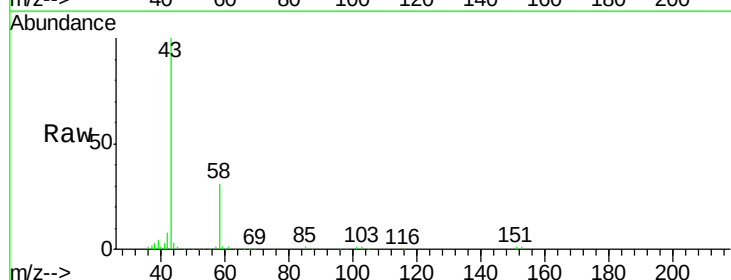
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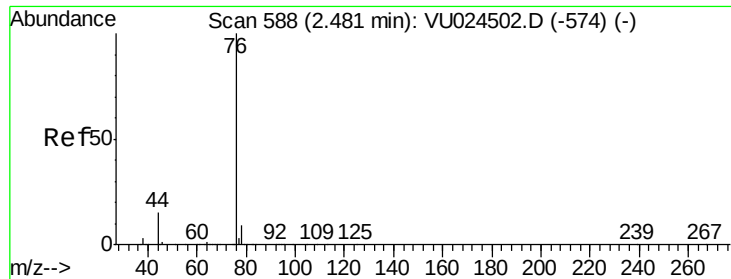
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#16
 Acetone
 Concen: 93.40 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	30.8	24.4	36.6	





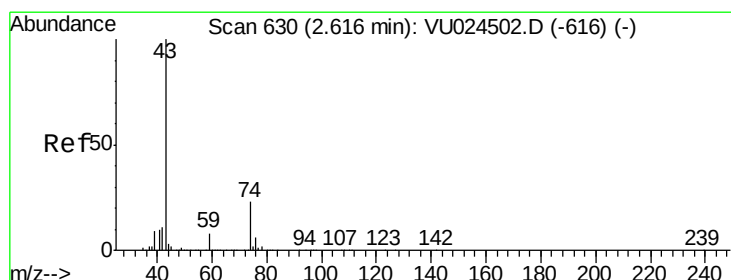
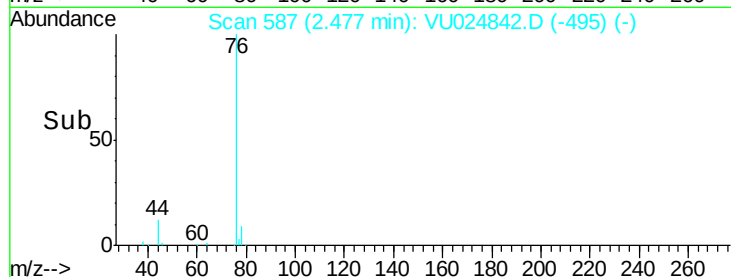
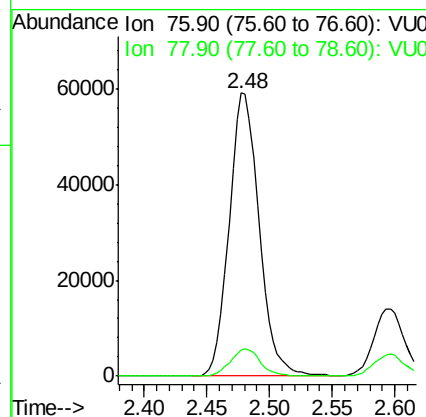
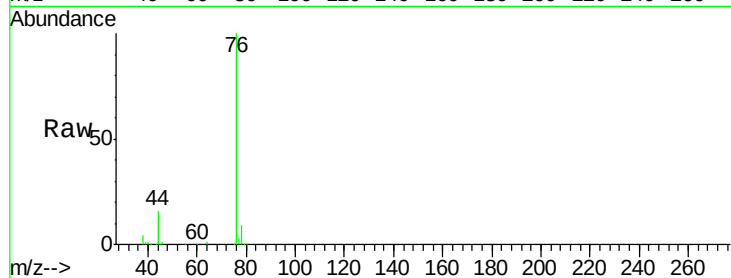
#17
Carbon Disulfide
Concen: 15.59 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

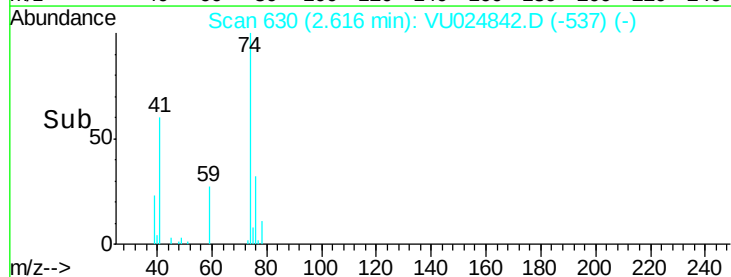
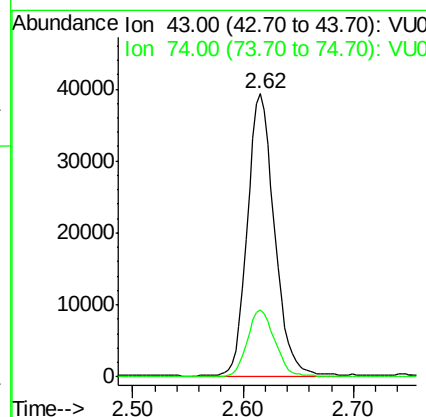
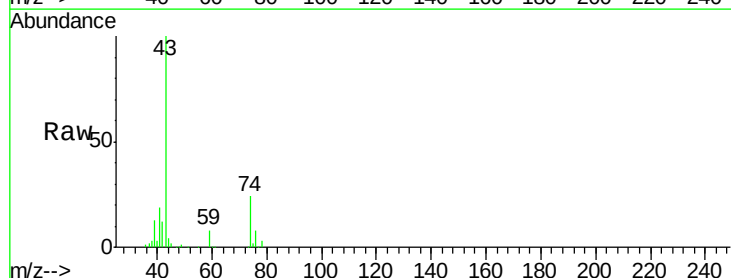
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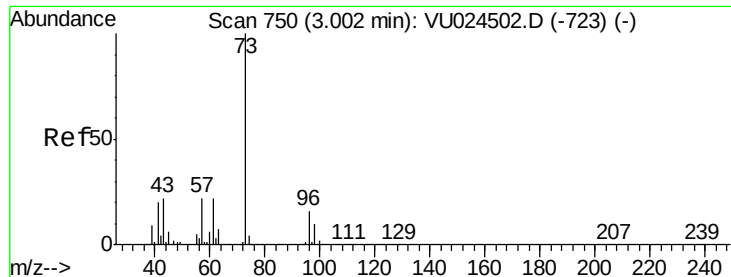
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#18
Methyl Acetate
Concen: 20.82 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.0	27.0





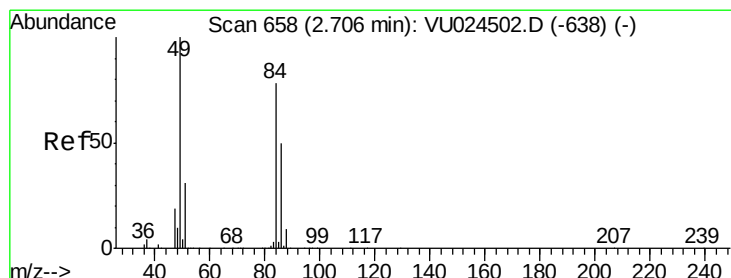
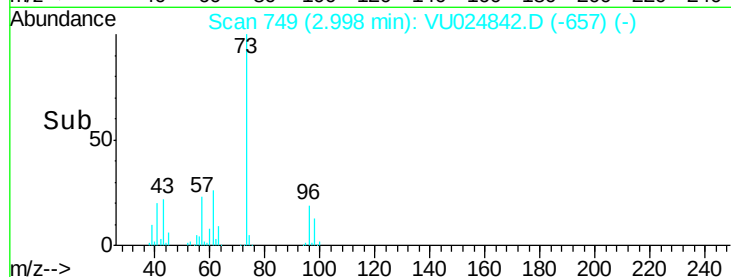
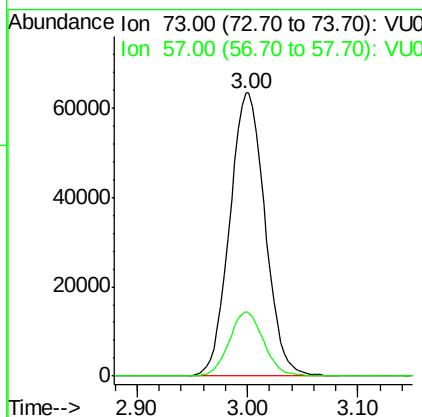
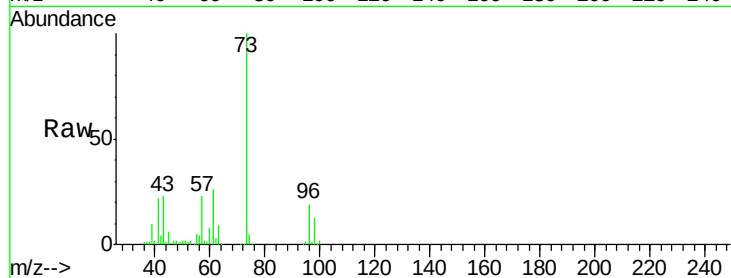
#19
Methyl tert-butyl Ether
Concen: 19.00 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.8	28.2

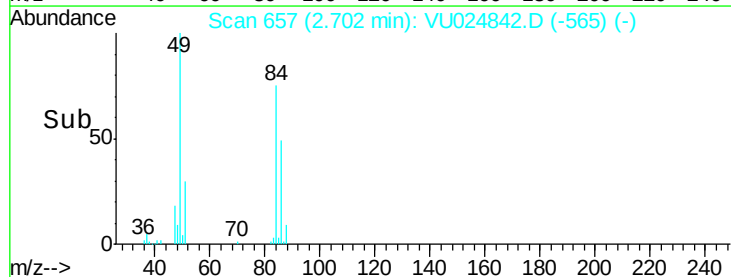
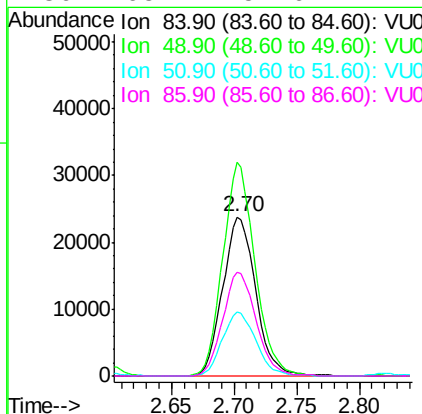
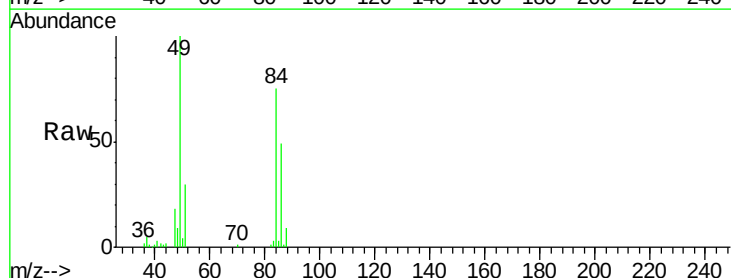
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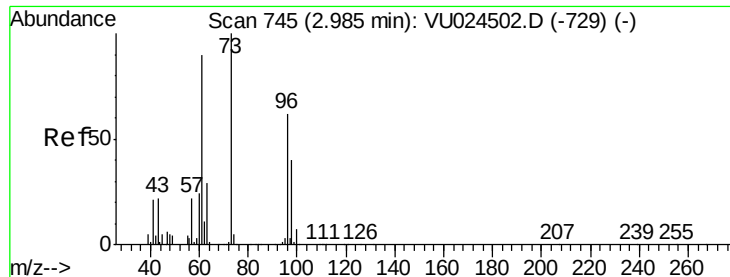
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#20
Methylene Chloride
Concen: 18.23 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.1	103.8	155.8
51	40.4	32.0	48.0
86	65.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 17.99 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

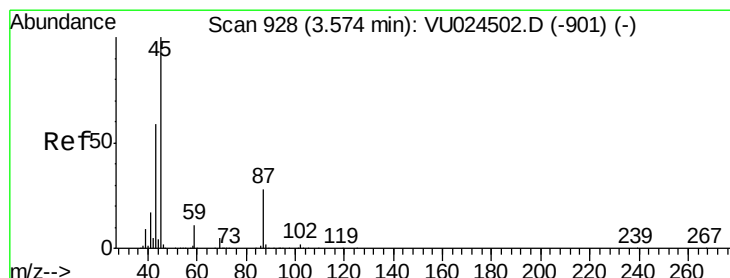
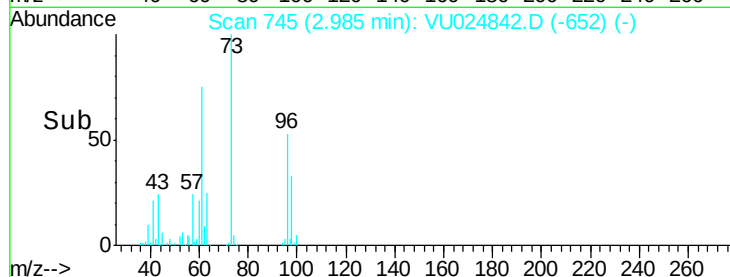
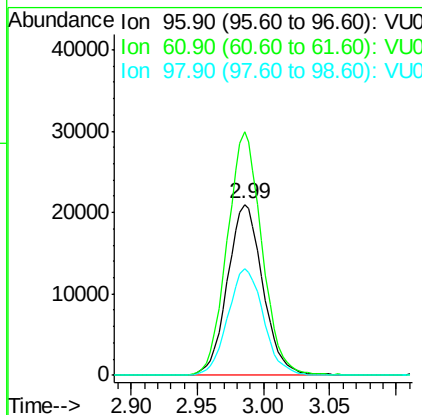
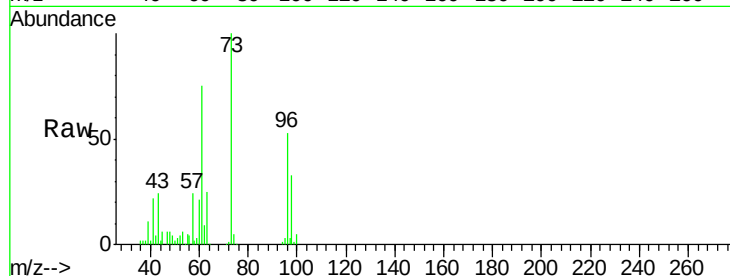
ClientSampleId :

VU0623WBS02

Tot Ion:	96	Resp:	39005
Ion	Ratio	Lower	Upper
96	100		
61	142.2	119.4	179.0
98	62.1	51.1	76.7

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#22

Diisopropyl ether

Concen: 19.32 ug/l

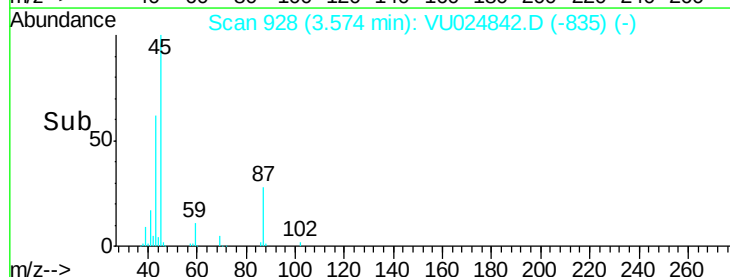
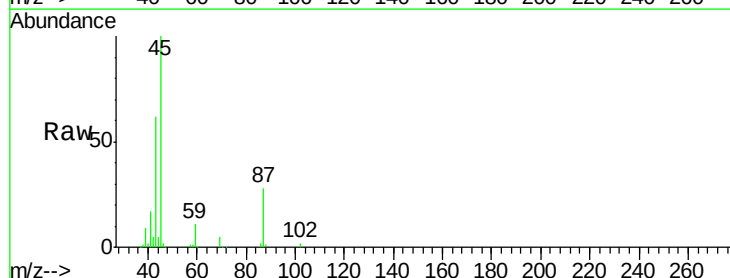
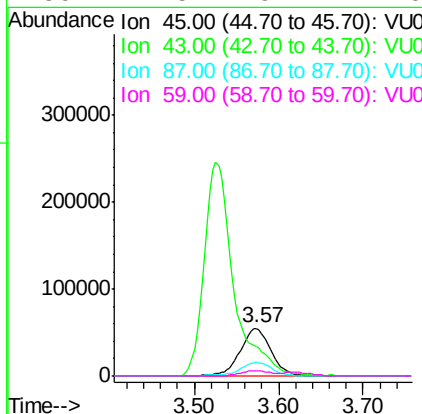
RT: 3.57 min Scan# 928

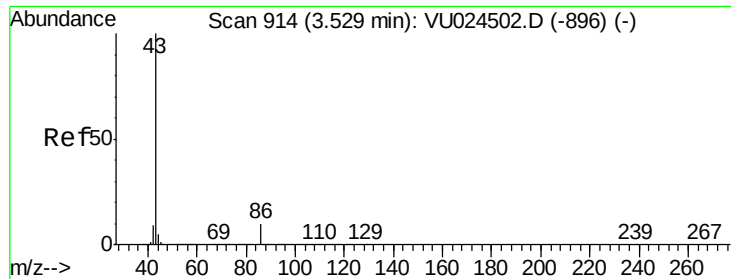
Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion:	45	Resp:	139981
Ion	Ratio	Lower	Upper
45	100		
43	61.0	45.8	68.6
87	28.4	20.6	31.0
59	11.5	9.4	14.0





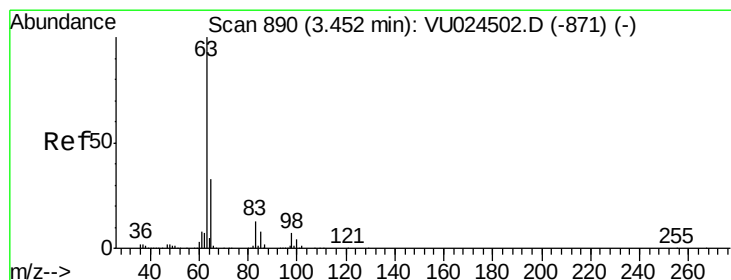
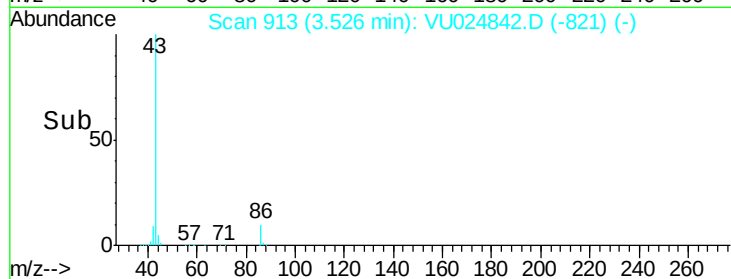
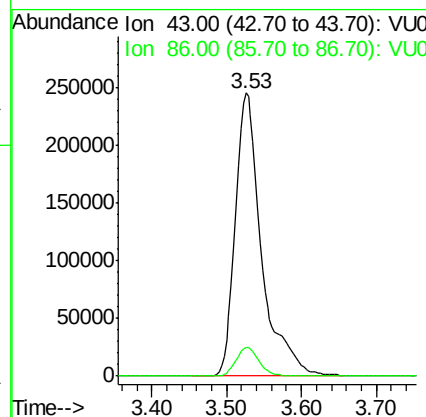
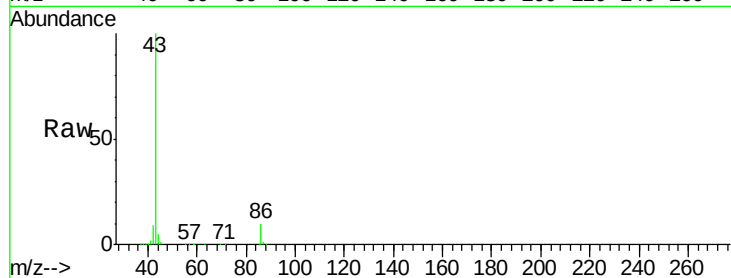
#23
 Vinyl Acetate
 Concen: 92.43 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8

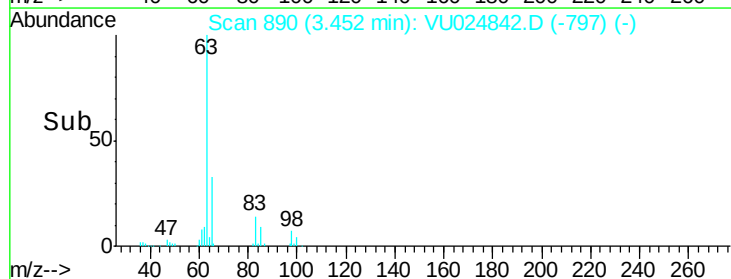
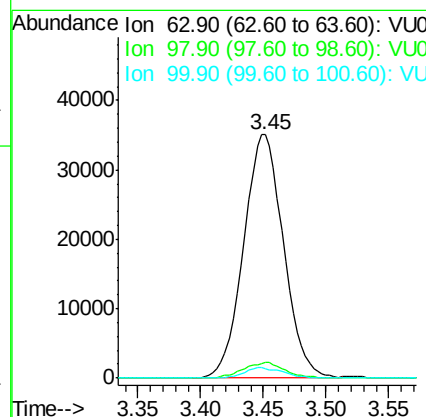
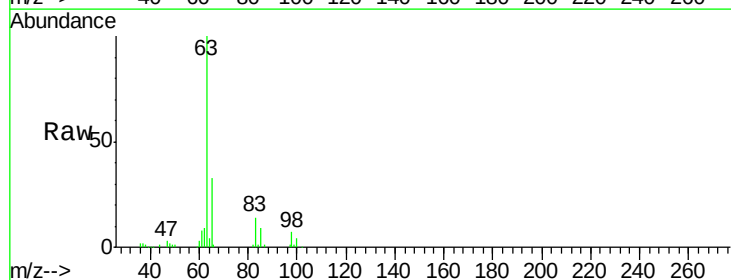
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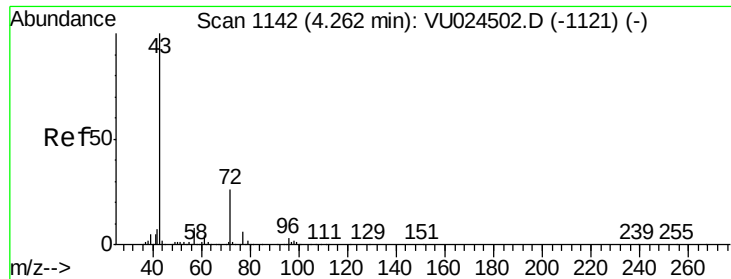
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#24
 1,1-Dichloroethane
 Concen: 18.63 ug/l
 RT: 3.45 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.5	10.4
100	3.8	1.8	5.5





#25

2-Butanone

Concen: 97.01 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion: 43 Resp: 197606

Ion Ratio Lower Upper

43 100

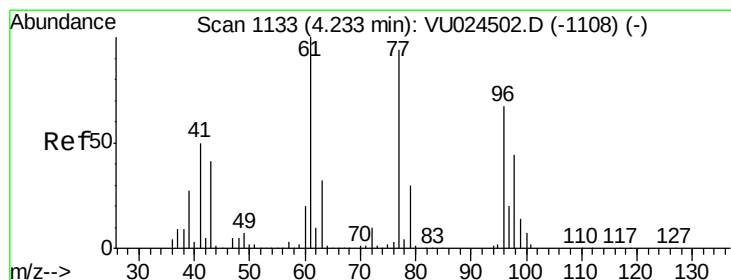
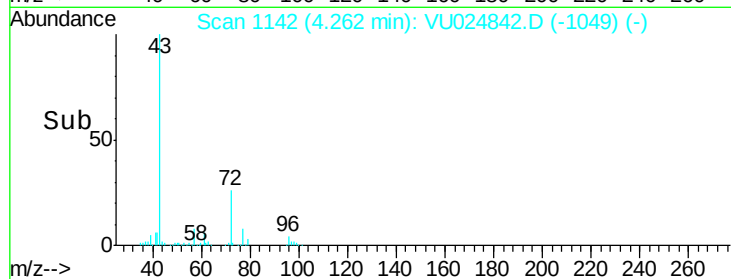
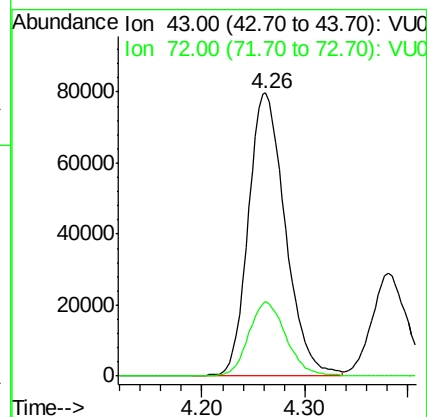
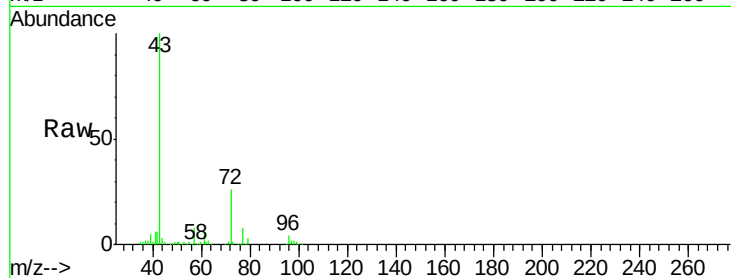
72 26.3 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 18.61 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024842.D

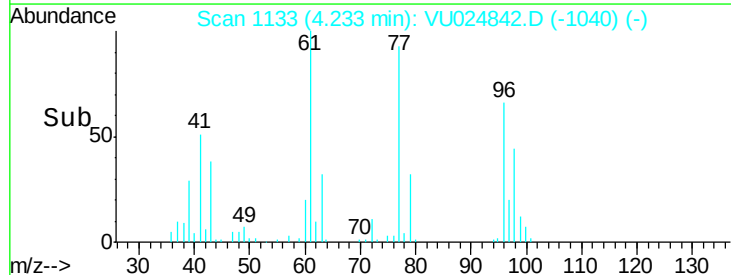
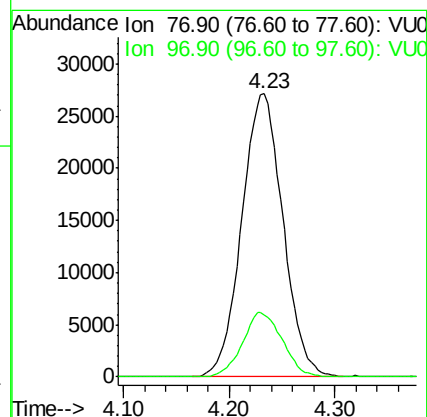
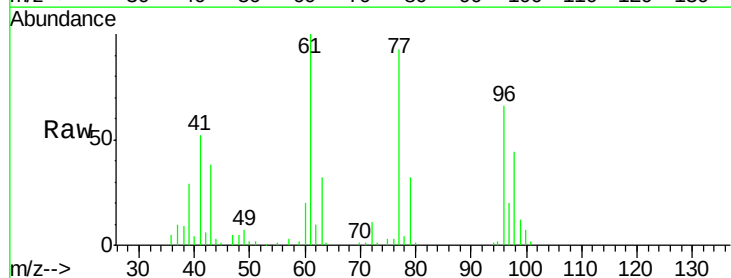
Acq: 22 Jun 2018 19:26

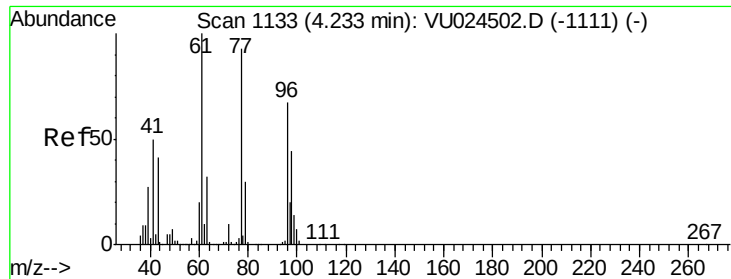
Tgt Ion: 77 Resp: 73653

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.98 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

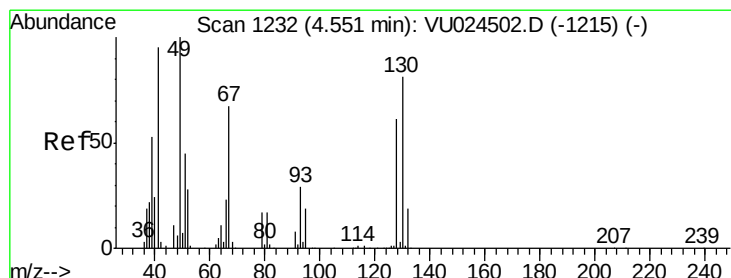
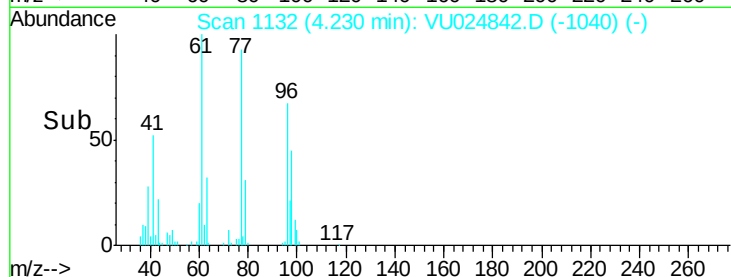
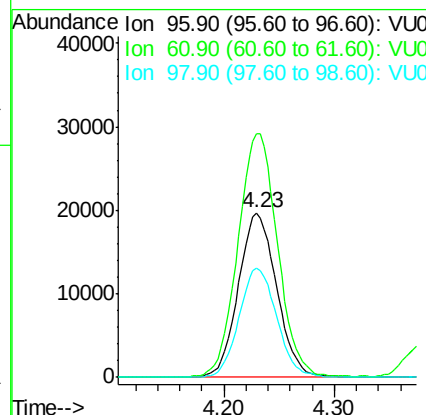
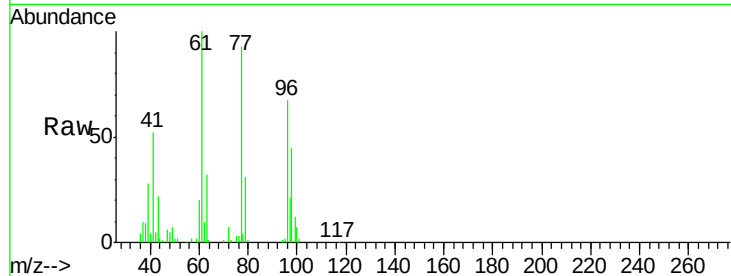
ClientSampleId :

VU0623WBS02

Tot Ion:	96	Resp:	47298
Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	306.6
98	65.5	0.0	128.8

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#28

Bromochloromethane

Concen: 21.17 ug/l

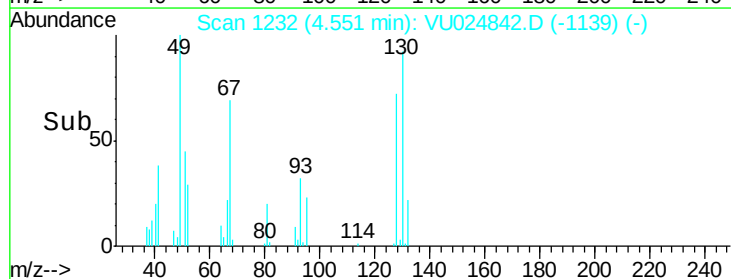
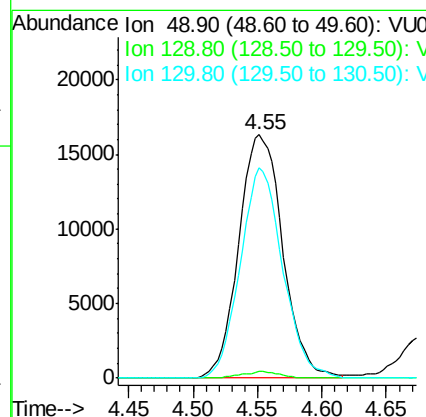
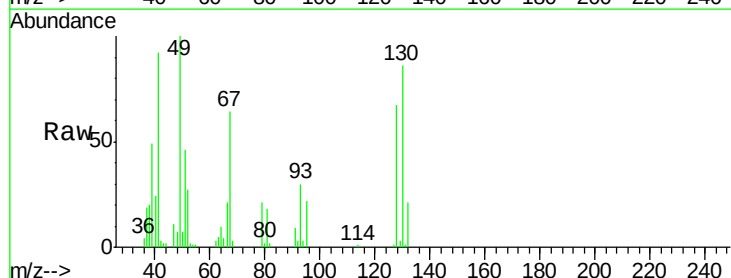
RT: 4.55 min Scan# 1232

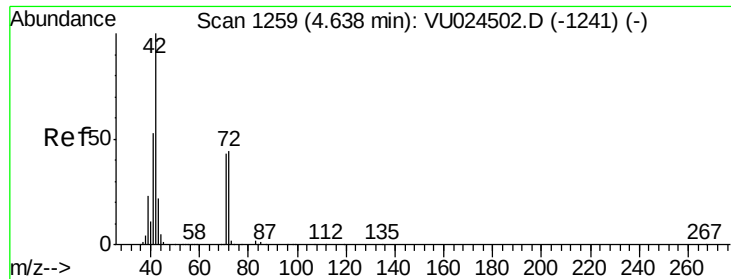
Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion:	49	Resp:	38869
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	82.8	57.8	86.6





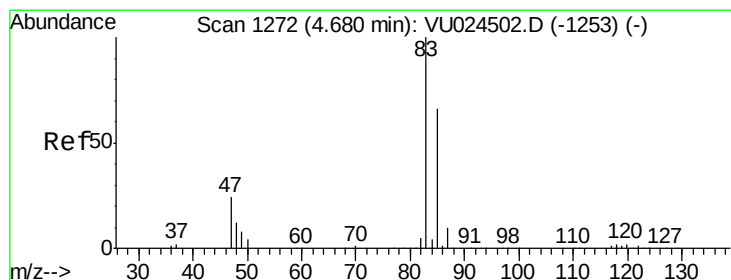
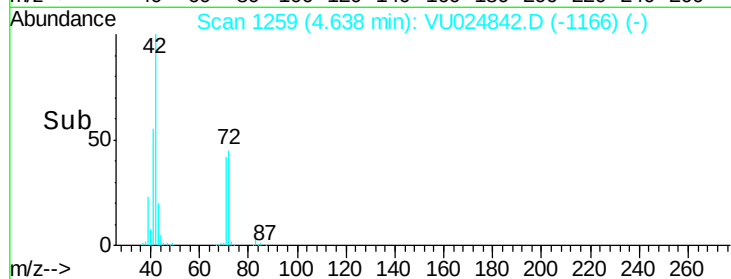
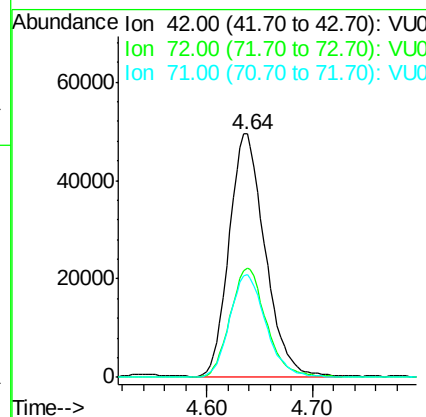
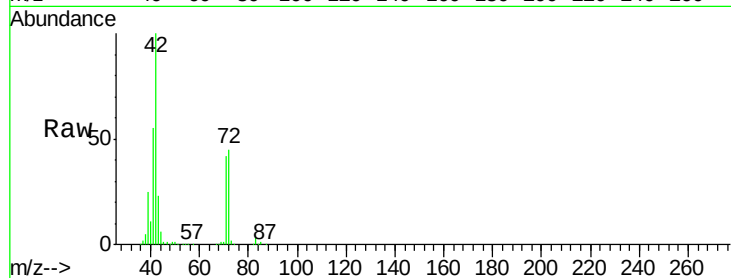
#29
Tetrahydrofuran
Concen: 92.07 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion:	42	Resp:	116135
Ion Ratio	Lower	Upper	
42	100		
72	45.5	34.5	51.7
71	42.9	32.2	48.4

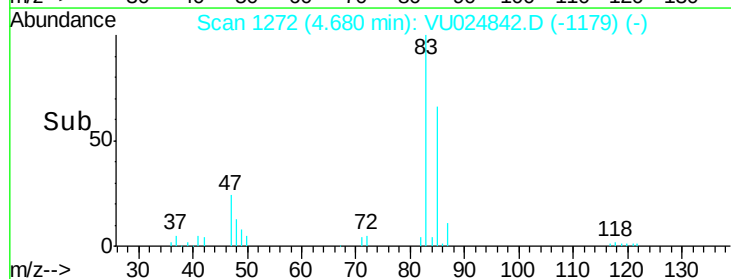
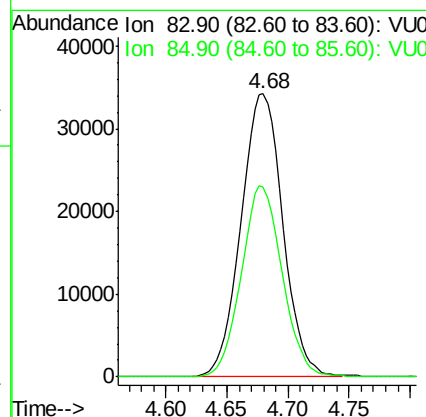
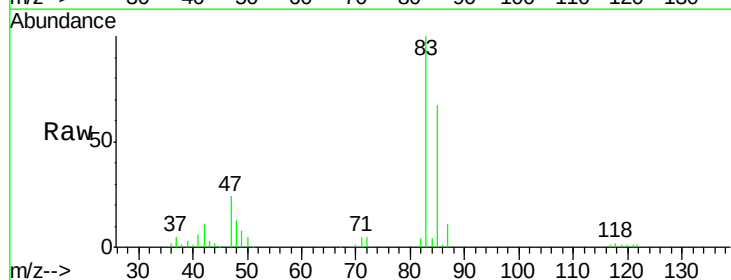
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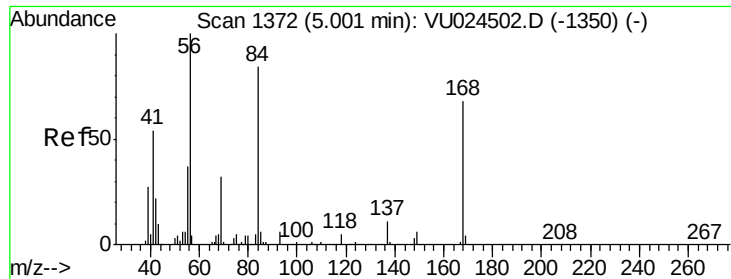
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#30
Chloroform
Concen: 19.24 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion:	83	Resp:	81166
Ion Ratio	Lower	Upper	
83	100		
85	66.9	52.4	78.6





#31

Cyclohexane

Concen: 18.21 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

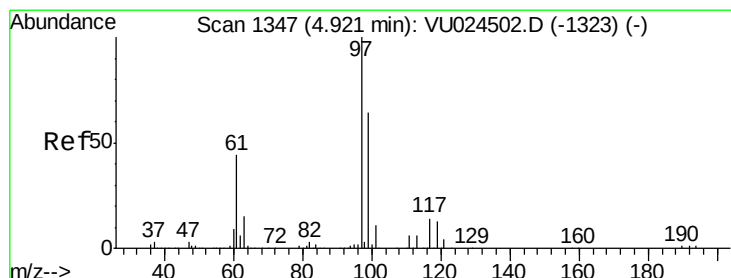
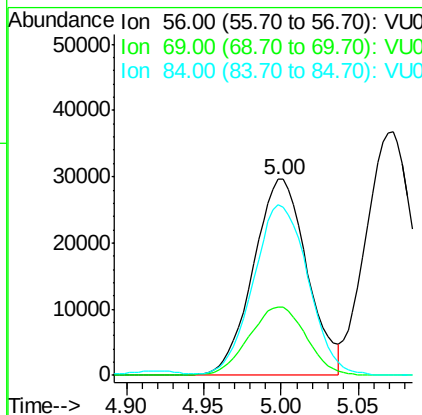
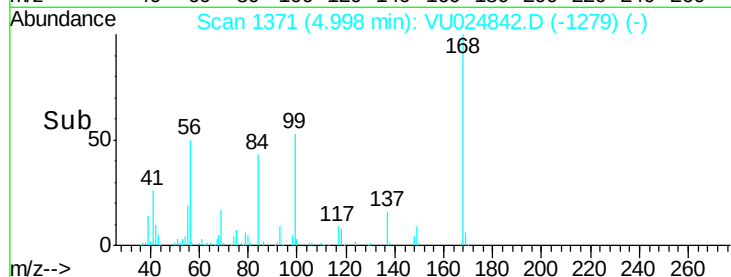
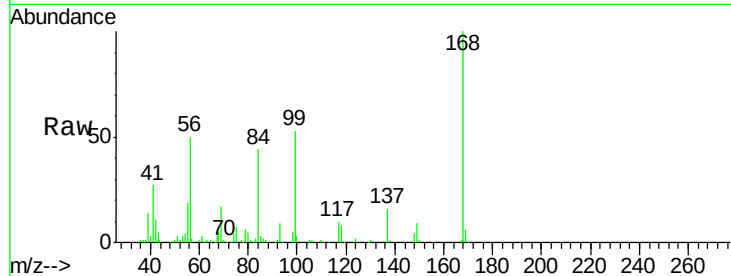
ClientSampleId :

VU0623WBS02

Tot Ion:	56	Resp:	72054
Ion Ratio	Lower	Upper	
56	100		
69	34.8	24.8	37.2
84	86.1	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 18.96 ug/l

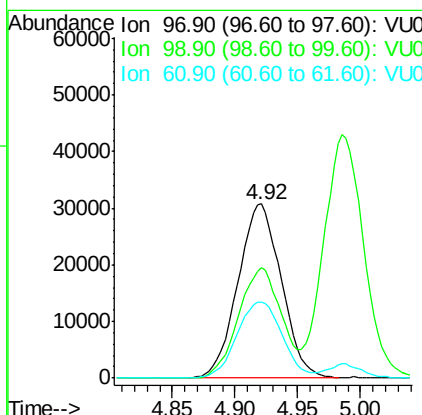
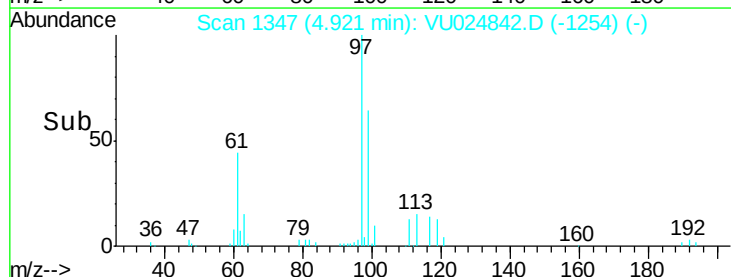
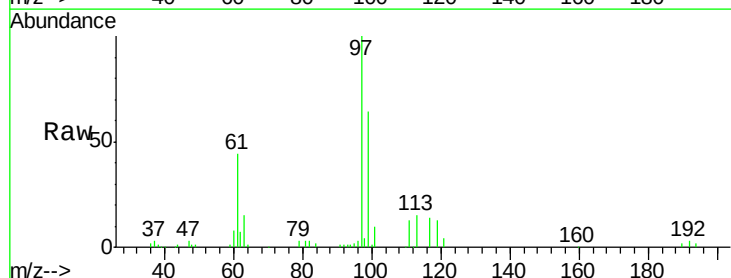
RT: 4.92 min Scan# 1347

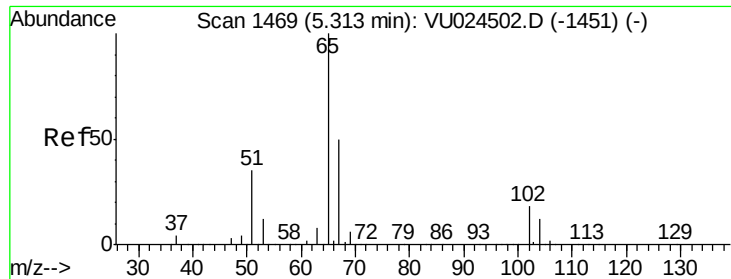
Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion:	97	Resp:	73978
Ion Ratio	Lower	Upper	
97	100		
99	62.6	51.0	76.6
61	45.5	39.4	59.0





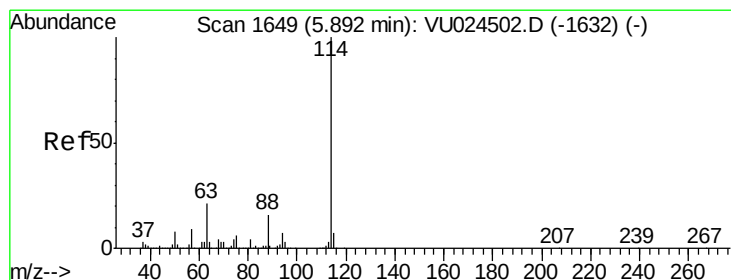
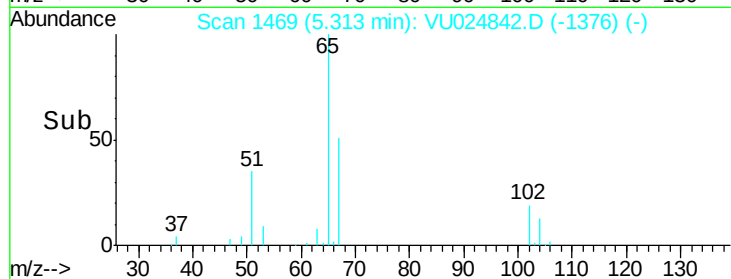
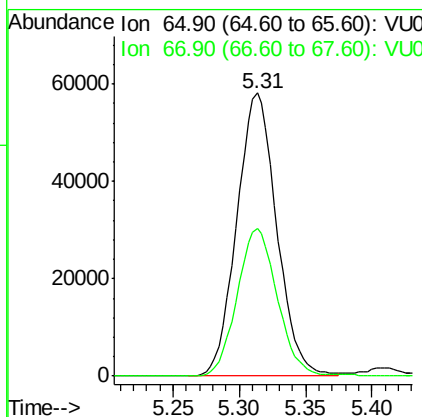
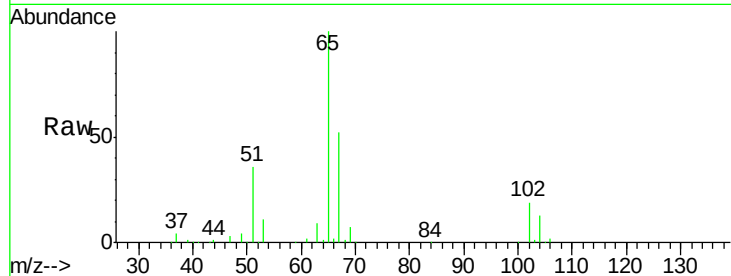
#33
 1,2-Dichloroethane-d4
 Concen: 43.15 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.0

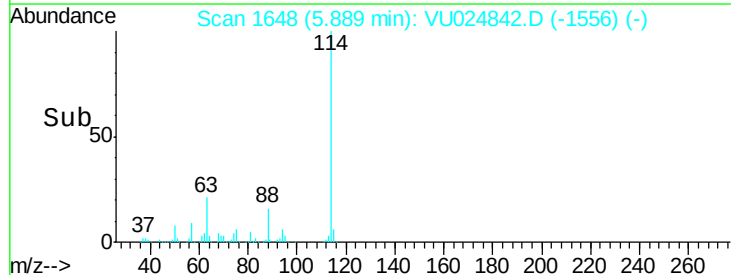
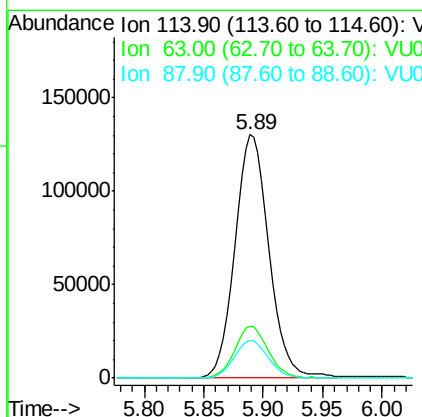
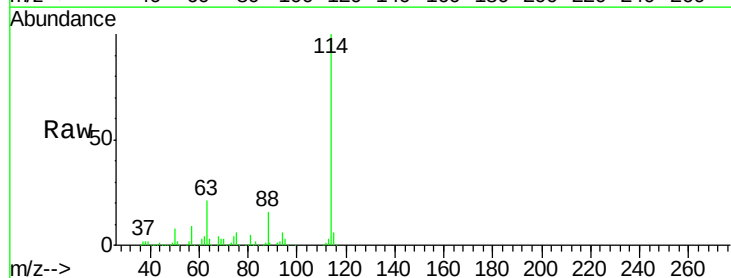
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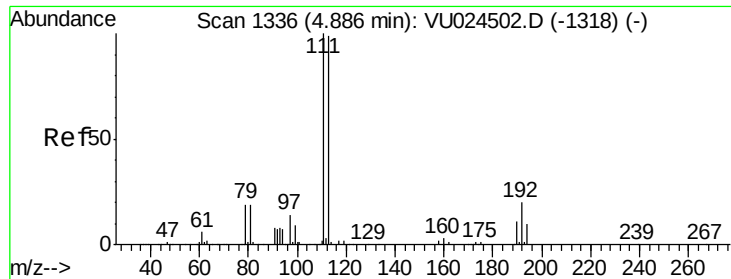
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	45.4
88	15.5	0.0	31.0





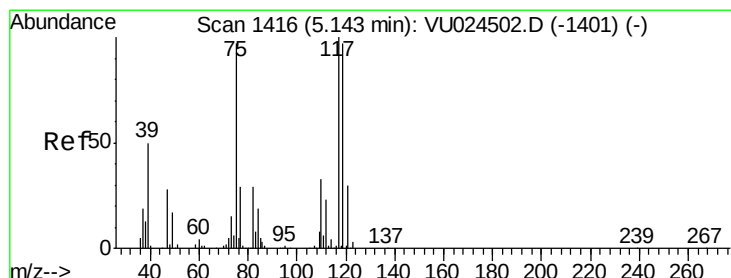
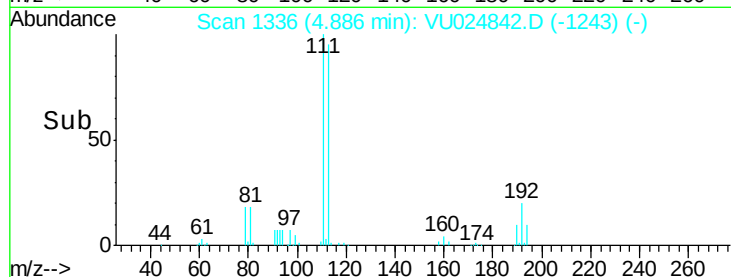
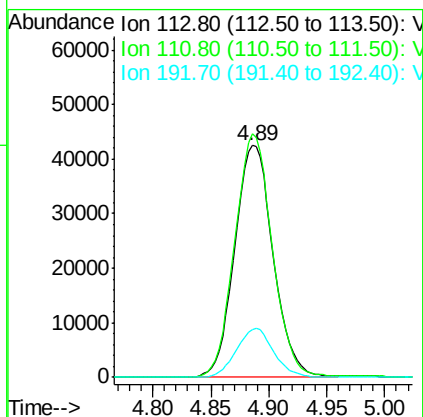
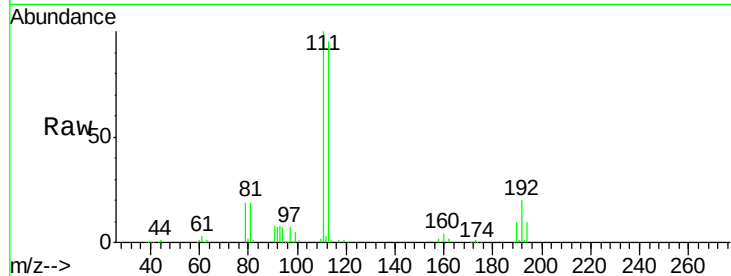
#35
 Dibromofluoromethane
 Concen: 45.76 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	20.3	16.2	24.4

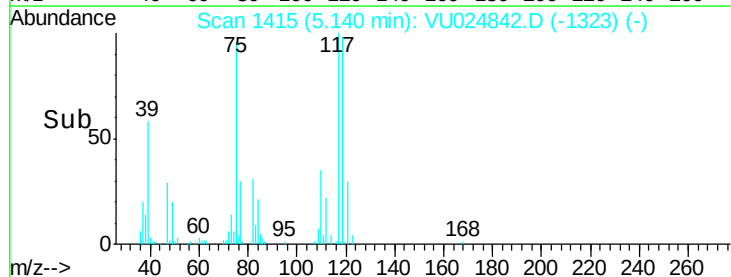
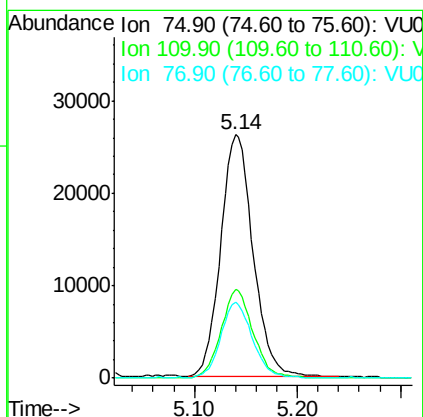
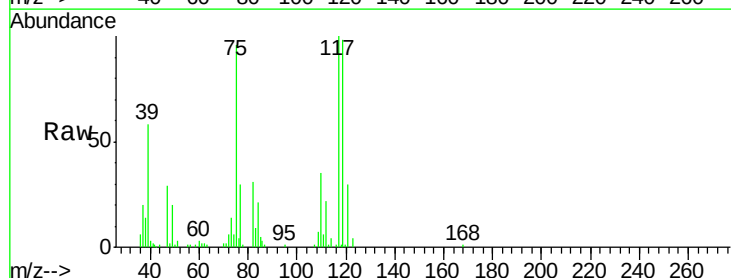
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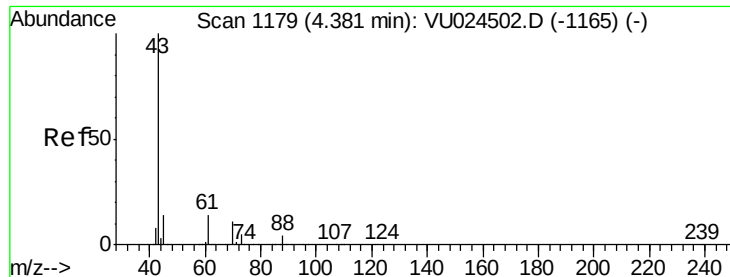
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#36
 1,1-Dichloropropene
 Concen: 18.88 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.0	50.9
77	30.6	24.2	36.4





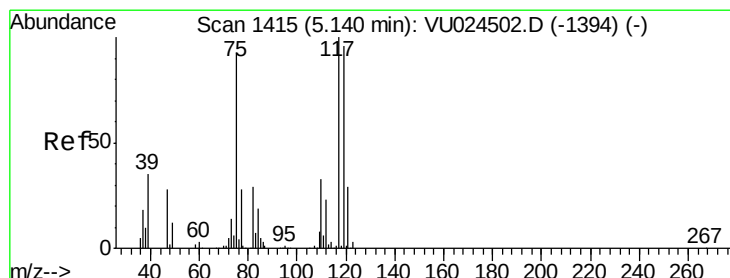
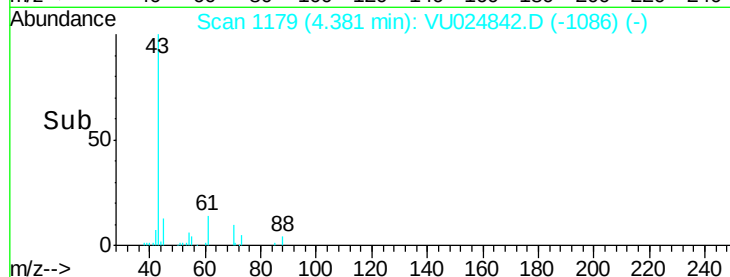
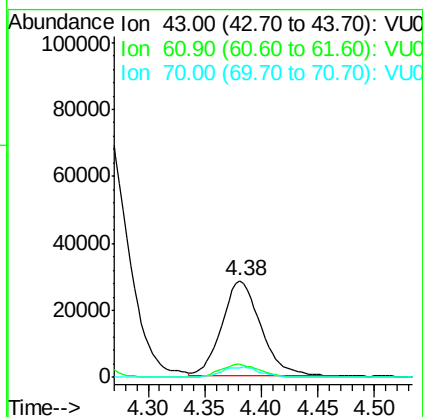
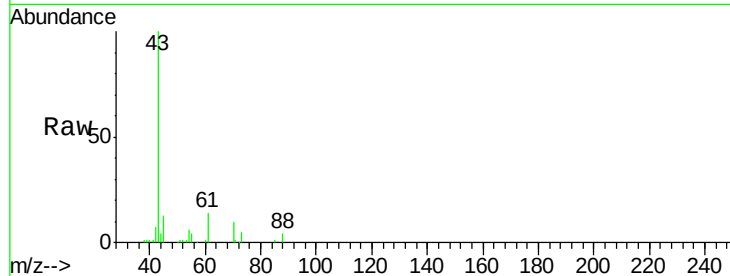
#37
Ethyl Acetate
Concen: 20.65 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.5	15.7
70	10.9	7.4	11.2

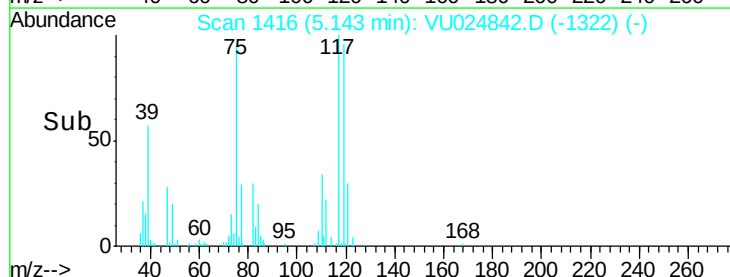
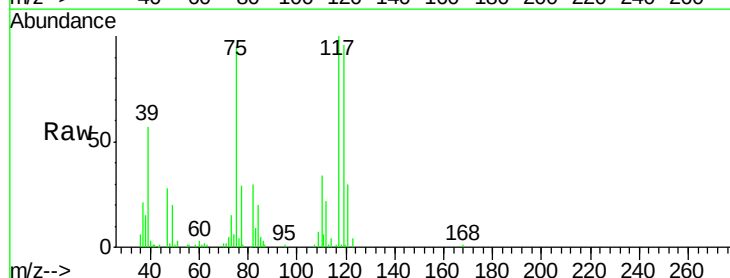
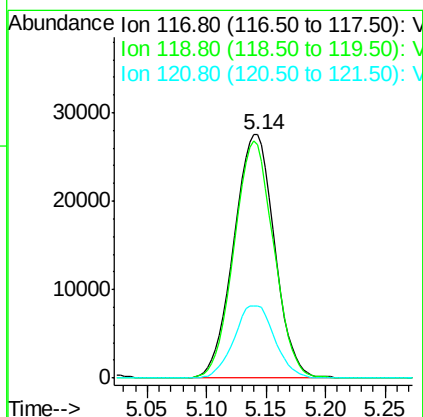
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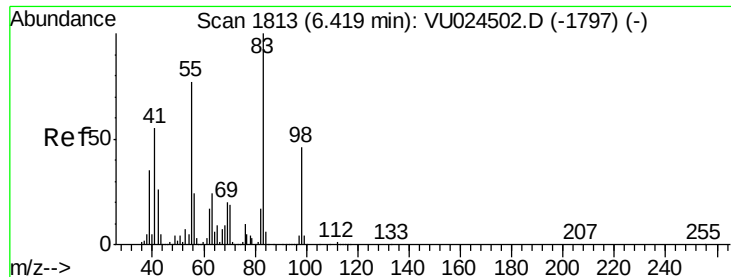
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#38
Carbon Tetrachloride
Concen: 19.58 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.1	114.1
121	29.8	23.7	35.5





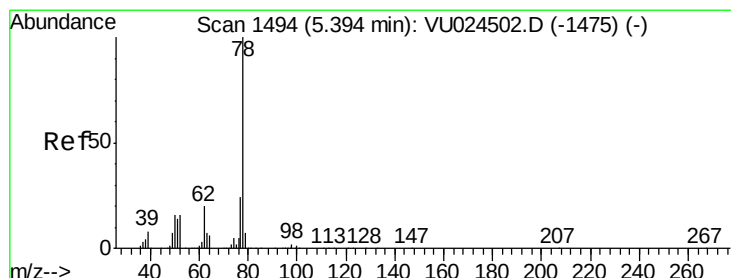
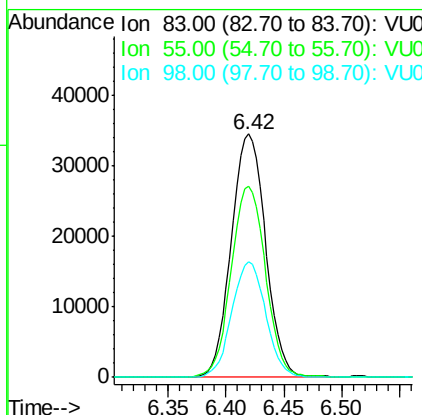
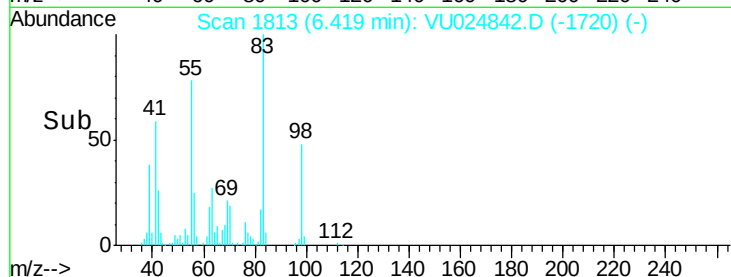
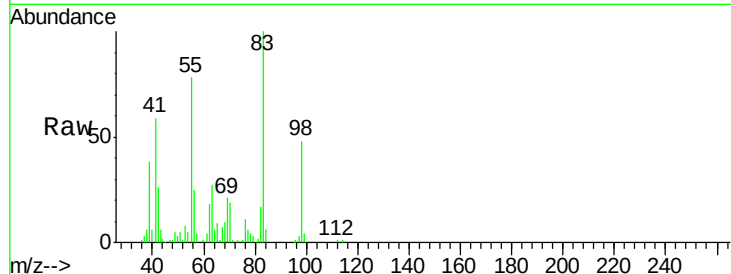
#39
Methylvlcyclohexane
Concen: 18.79 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	83	Resp	71108
Ion	Ratio	Lower	Upper
83	100		
55	78.3	65.8	98.6
98	47.6	36.7	55.1

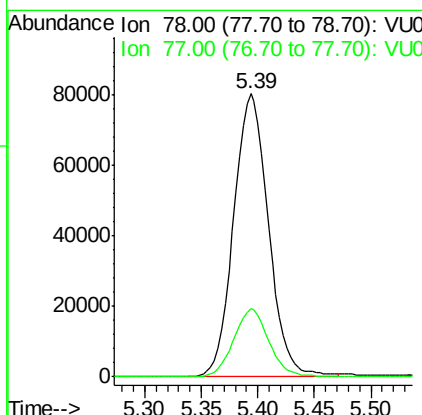
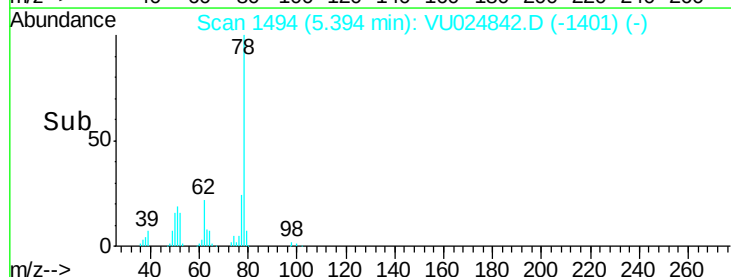
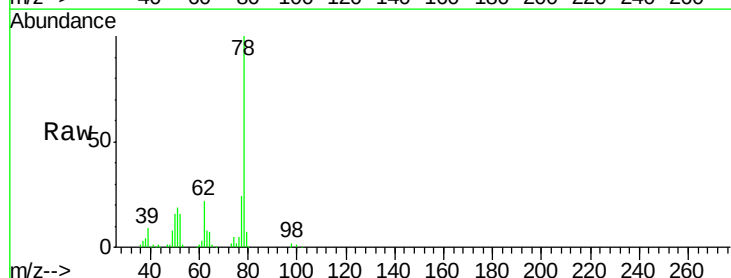
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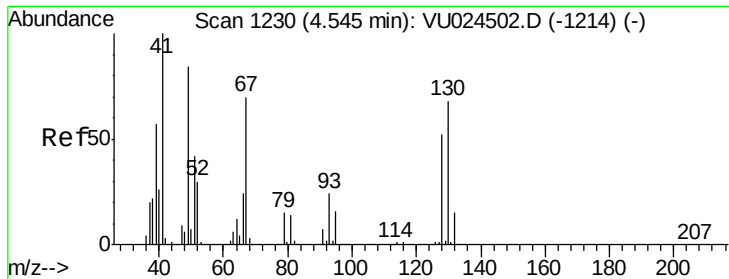
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#40
Benzene
Concen: 19.98 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	78	Resp	172674
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





#41

Methacrylonitrile

Concen: 21.57 ug/l

RT: 4.55 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

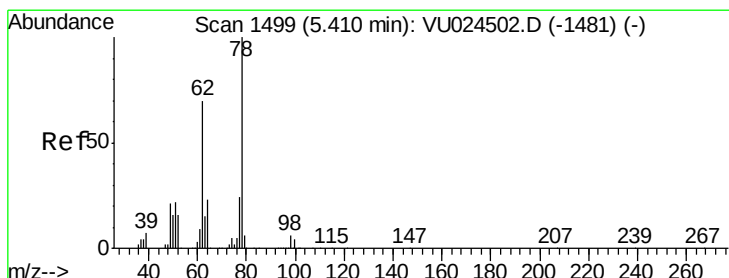
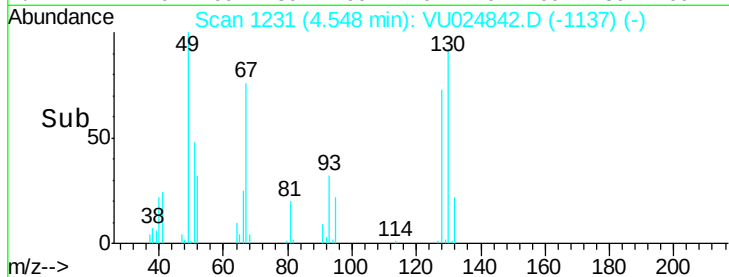
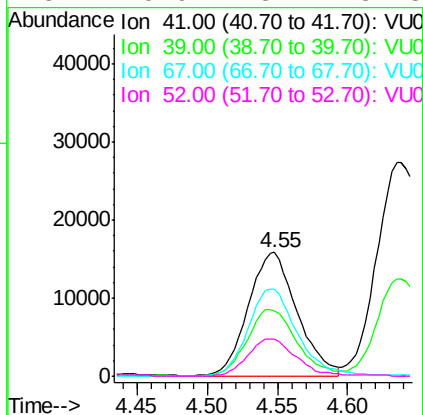
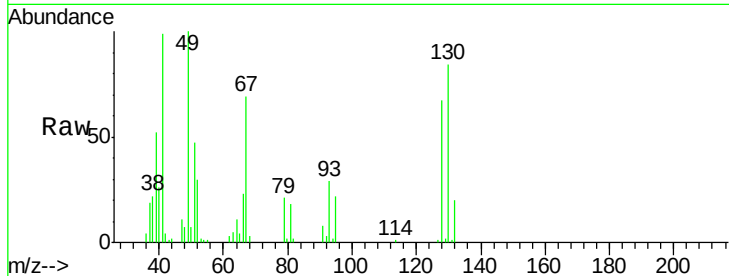
ClientSampleId :

VU0623WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	43.8	65.6	
67	71.0	56.3	84.5	
52	29.9	23.2	34.8	

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#42

1,2-Dichloroethane

Concen: 21.04 ug/l

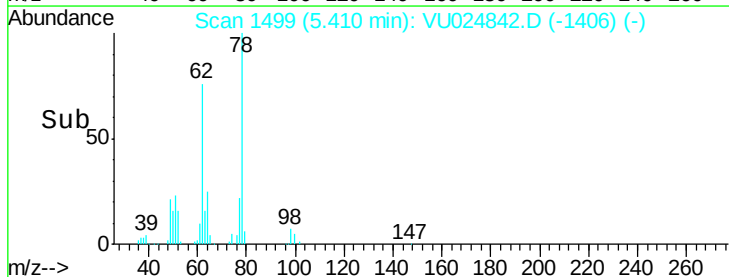
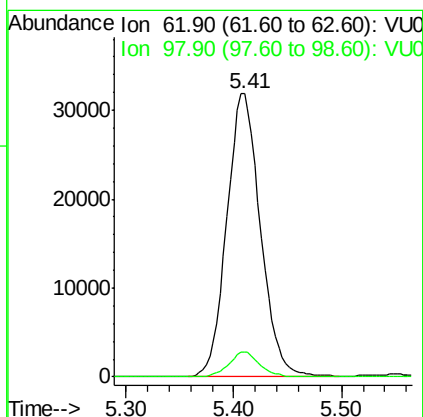
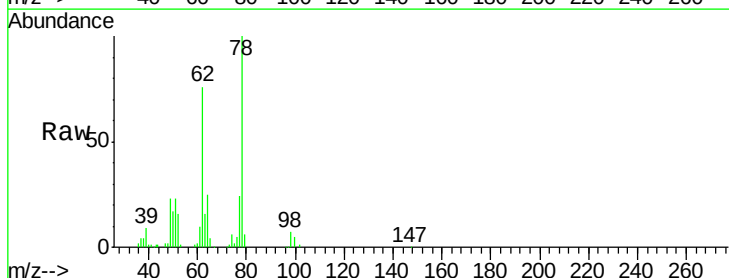
RT: 5.41 min Scan# 1499

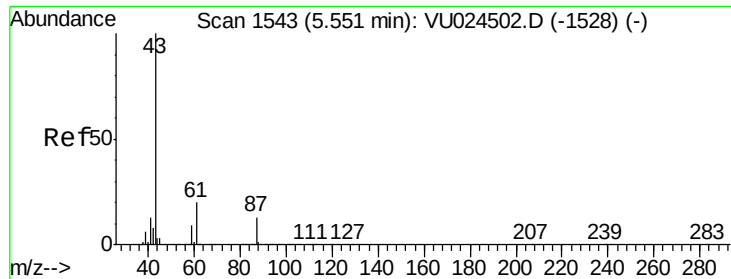
Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.6	





#43

Isopropyl Acetate

Concen: 19.73 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

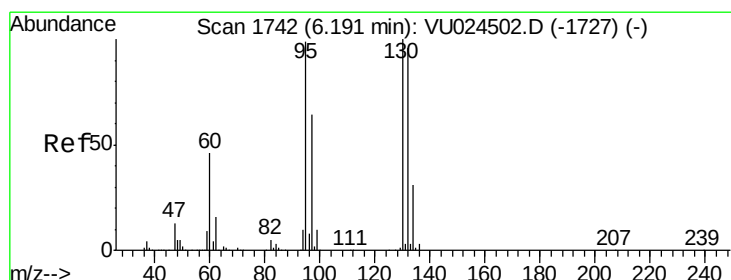
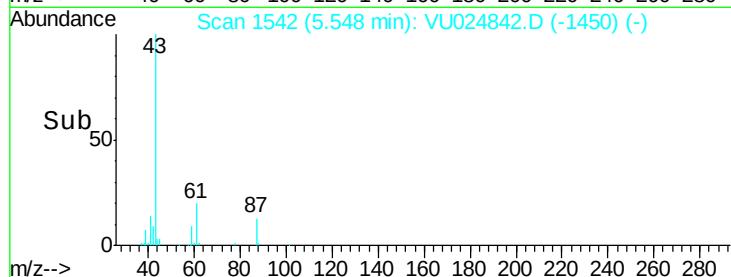
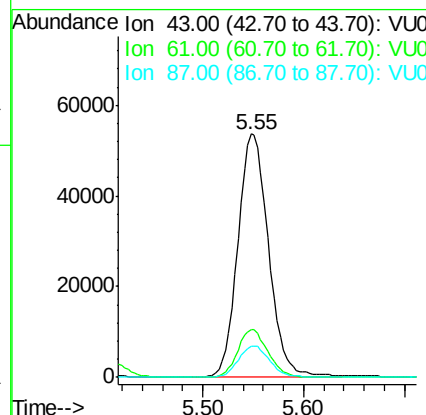
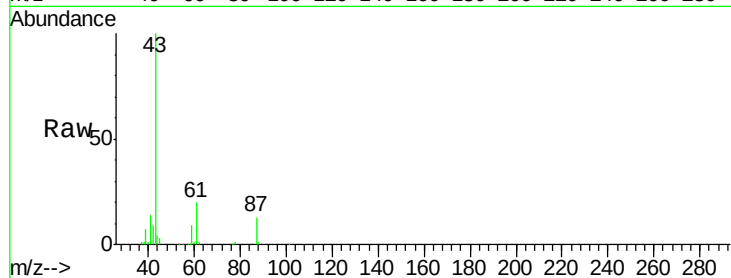
ClientSampleId :

VU0623WBS02

Tot Ion:	43	Resp:	112699
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	13.2	10.0	15.0

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#44

Trichloroethene

Concen: 19.25 ug/l

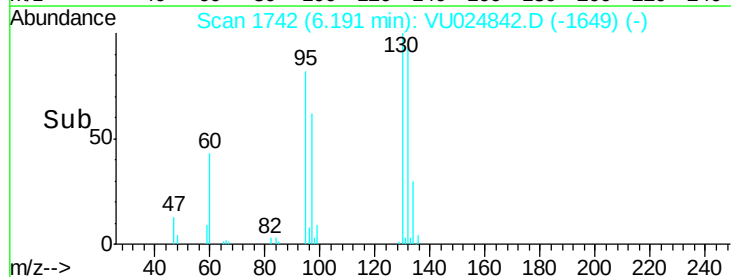
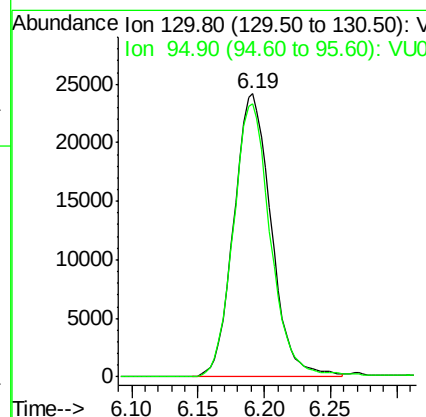
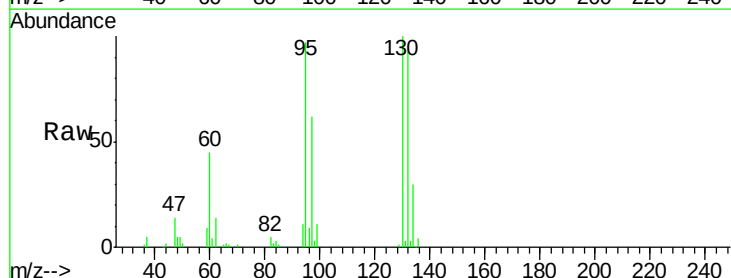
RT: 6.19 min Scan# 1742

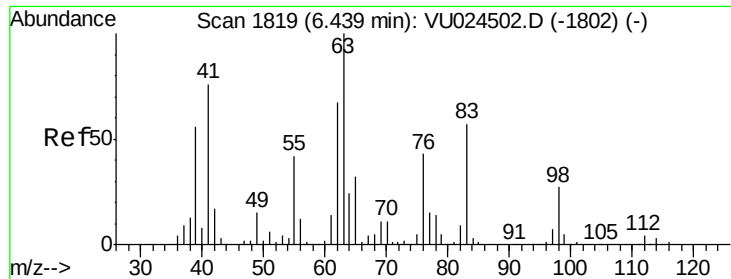
Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion:	130	Resp:	47336
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	202.4





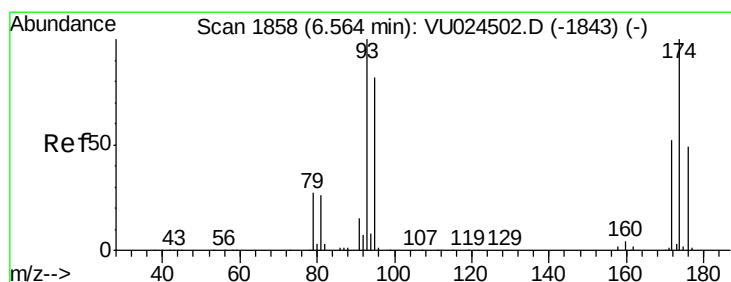
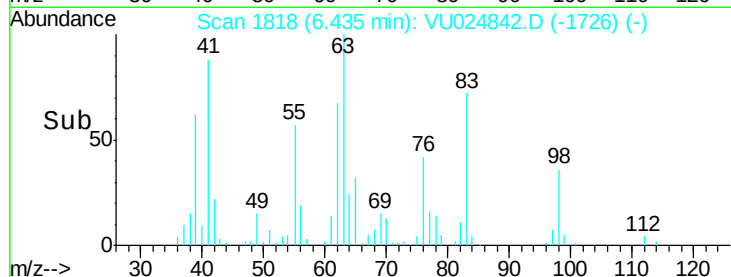
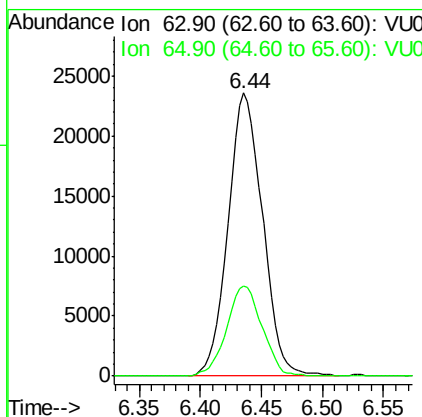
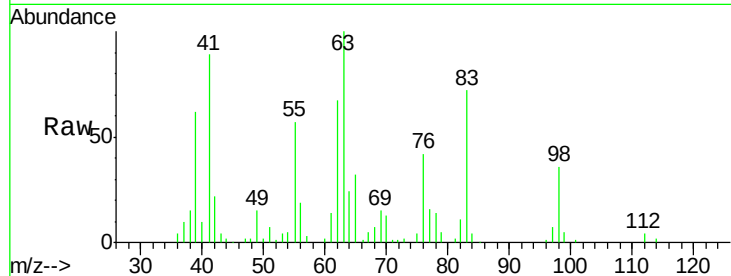
#45
 1,2-Dichloropropane
 Concen: 20.19 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion: 63 Resp: 46556
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.8 37.2

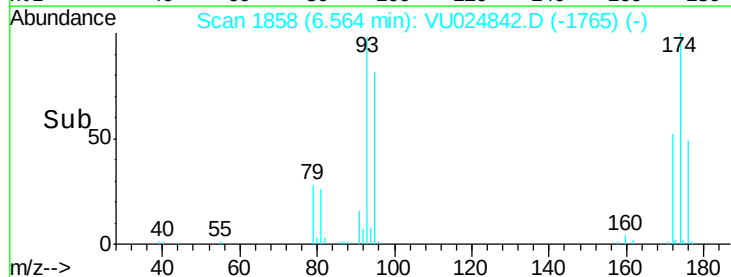
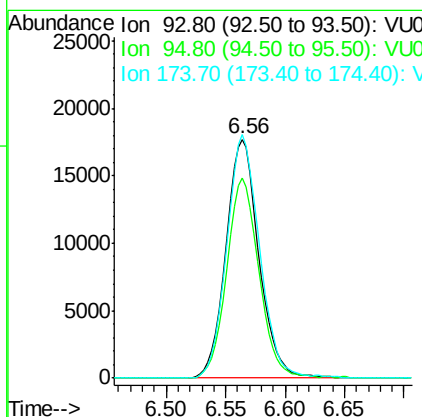
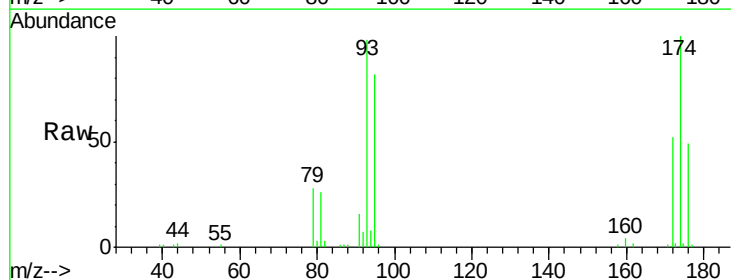
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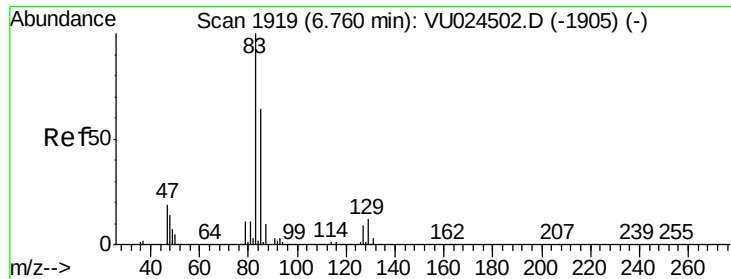
apatel
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#46
 Dibromomethane
 Concen: 20.97 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion: 93 Resp: 33963
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.5 98.3
 174 101.0 78.7 118.1





#47

Bromodichloromethane

Concen: 19.56 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

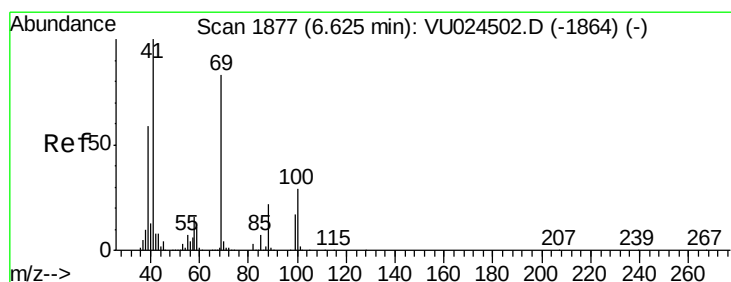
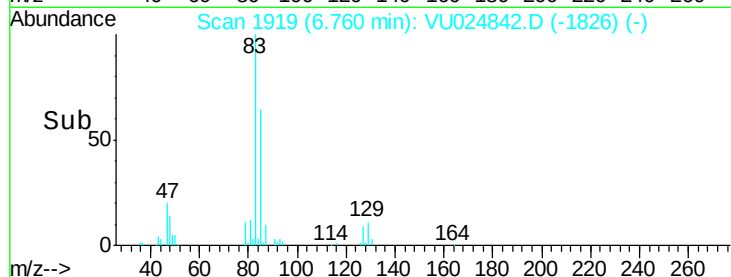
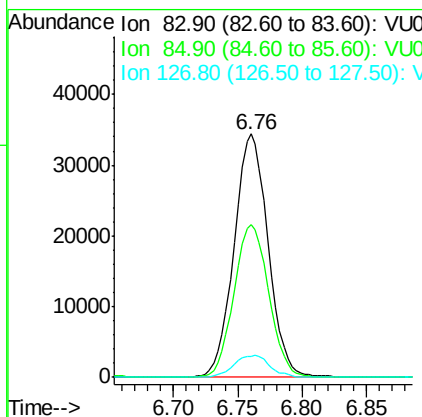
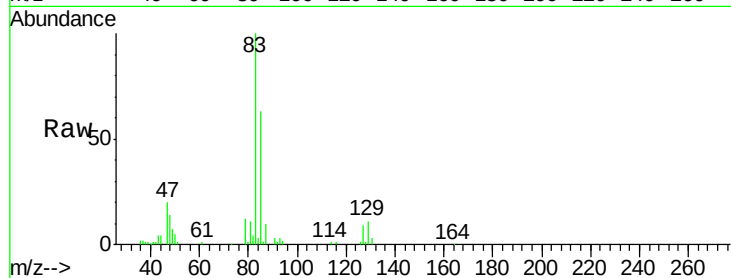
ClientSampleId :

VU0623WBS02

Tot Ion:	83	Resp:	63078
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.9	77.9
127	8.8	6.6	9.8

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#48

Methyl methacrylate

Concen: 19.85 ug/l

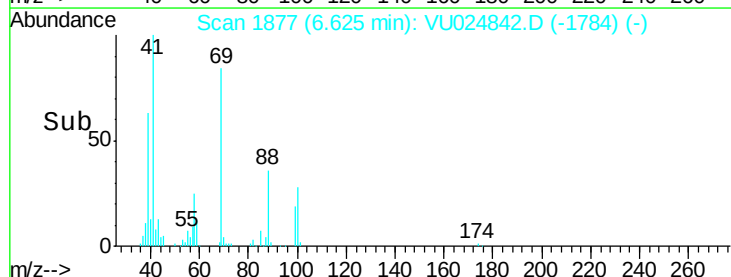
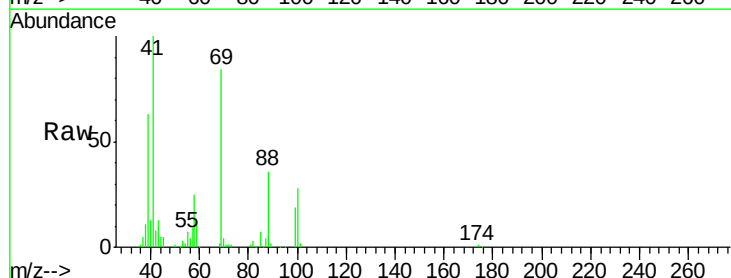
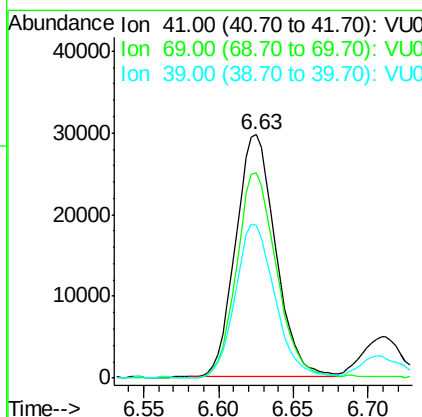
RT: 6.63 min Scan# 1877

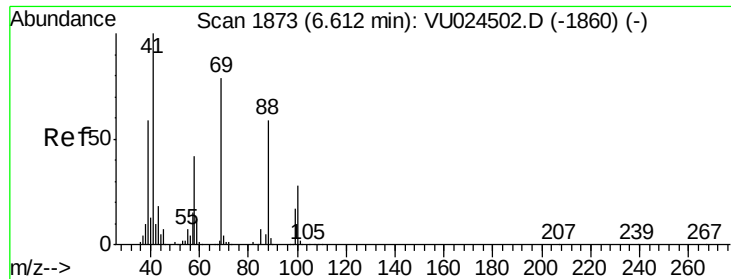
Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion:	41	Resp:	55229
Ion	Ratio	Lower	Upper
41	100		
69	84.5	67.3	100.9
39	62.0	46.5	69.7





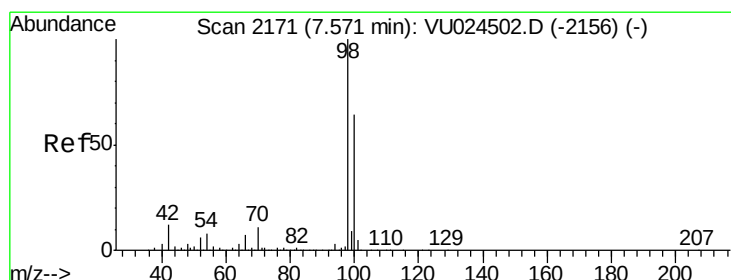
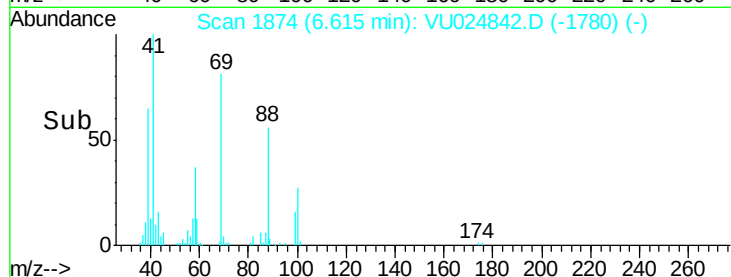
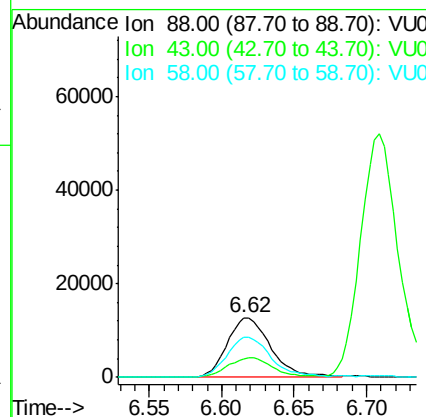
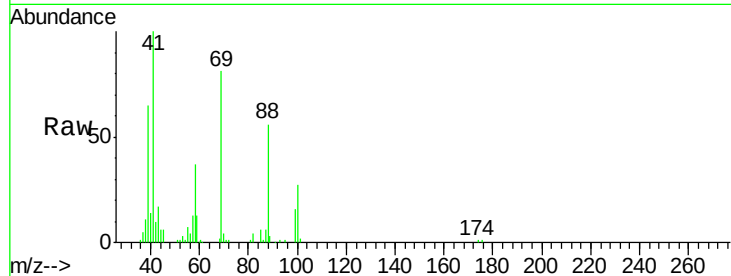
#49
1,4-Dioxane
Concen: 488.40 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	28.6	42.8
58	67.4	58.2	87.4

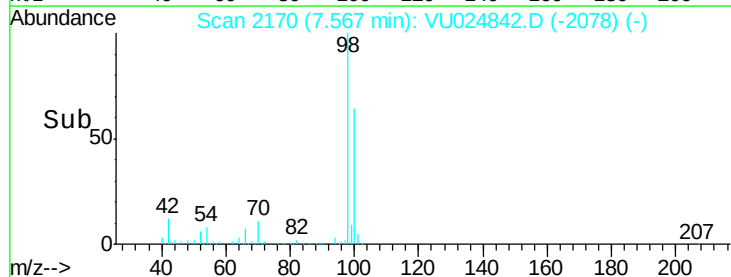
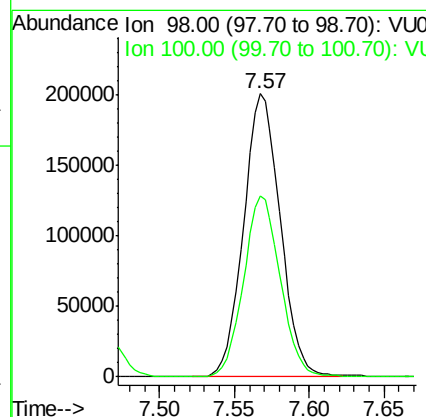
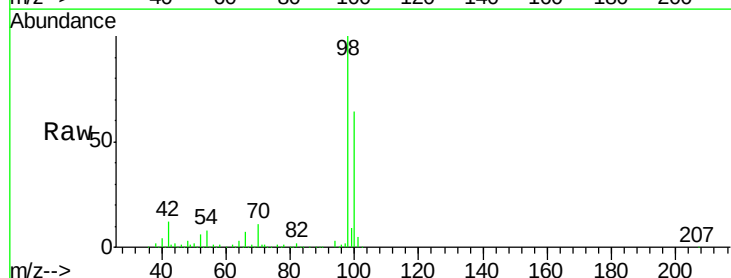
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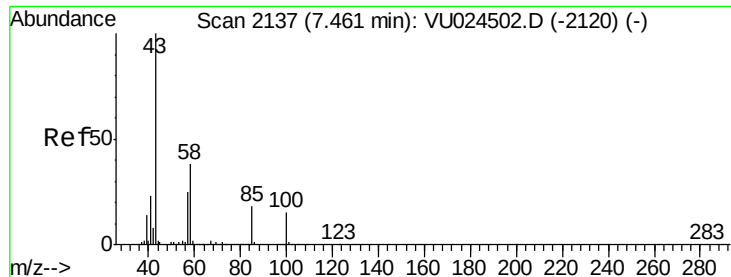
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#50
Toluene-d8
Concen: 43.85 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.1	76.7





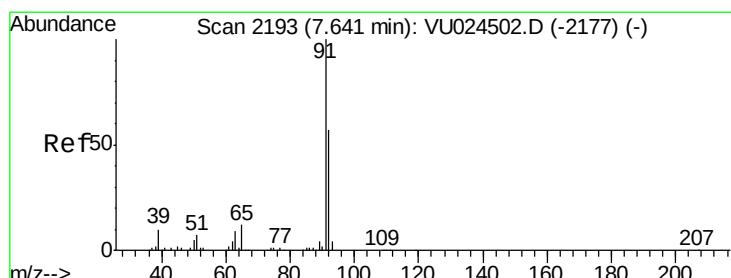
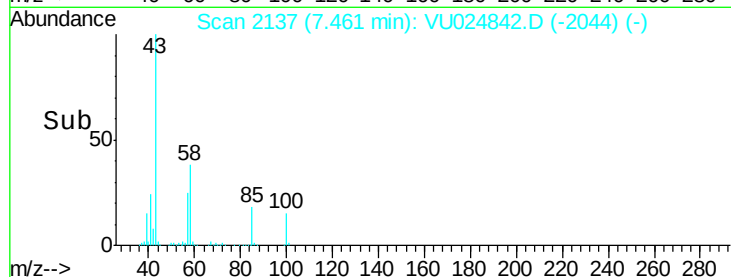
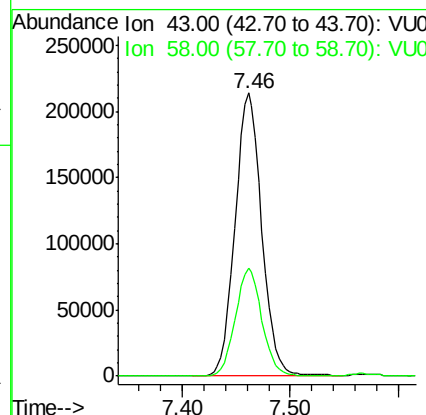
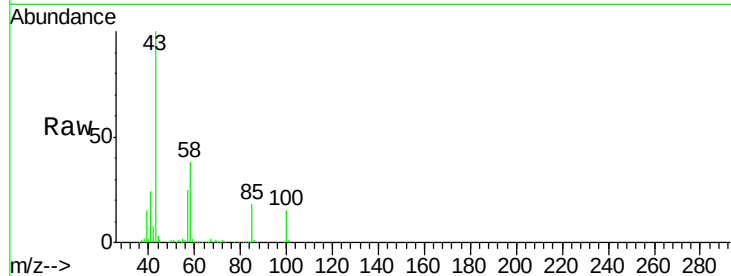
#51
 4-Methyl-2-Pentanone
 Concen: 102.66 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.0	45.0

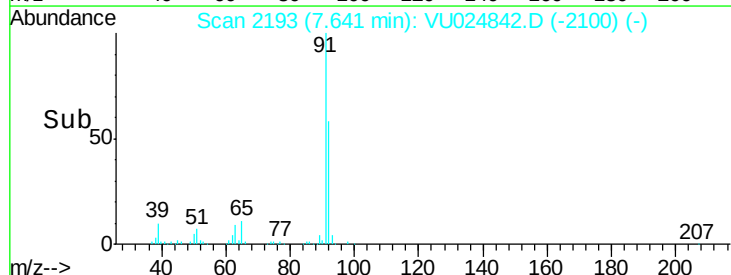
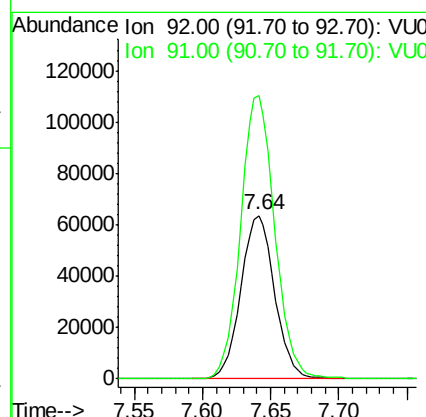
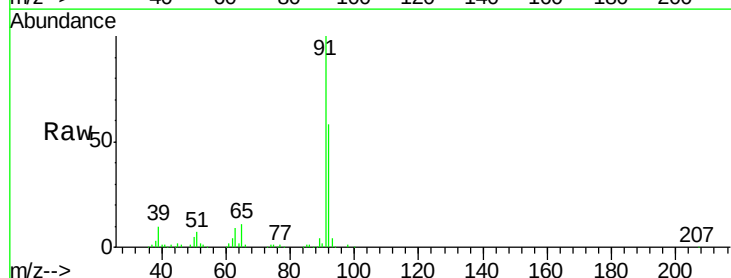
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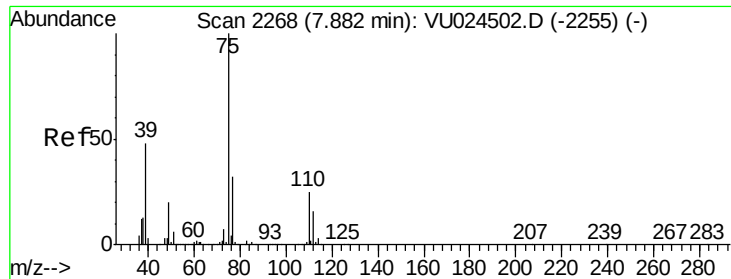
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#52
 Toluene
 Concen: 19.69 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.2	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 18.90 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion: 75 Resp: 68460

Ion Ratio Lower Upper

75 100

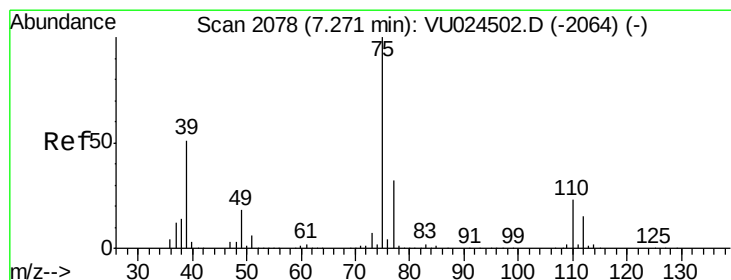
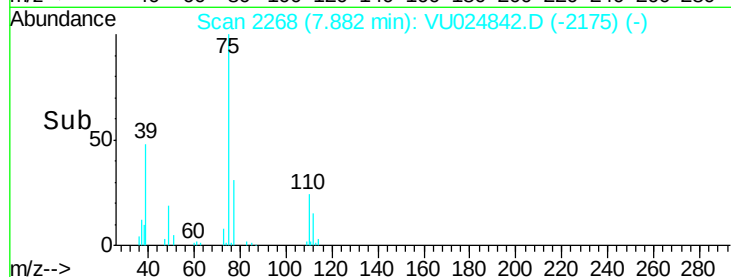
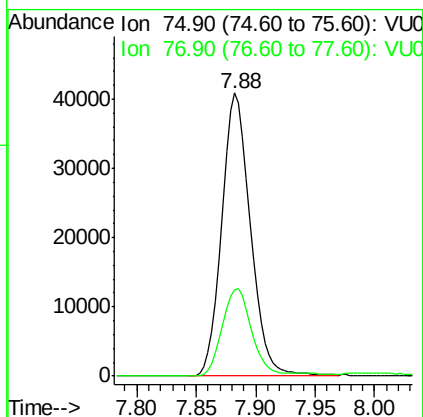
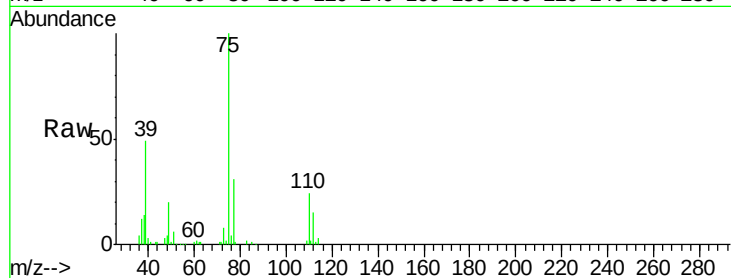
77 30.5 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.83 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

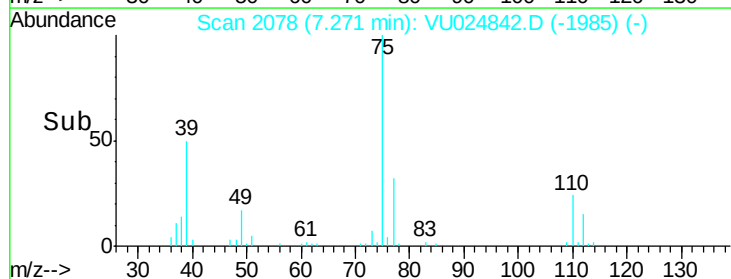
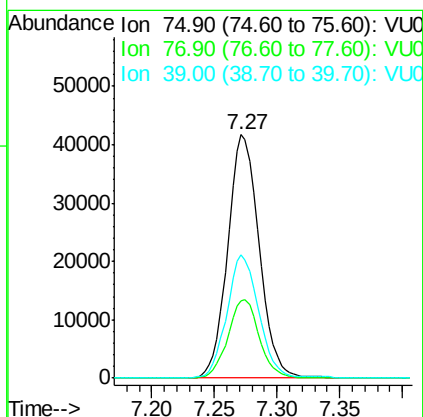
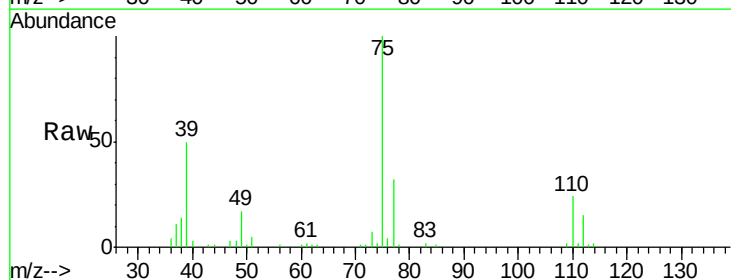
Tgt Ion: 75 Resp: 72673

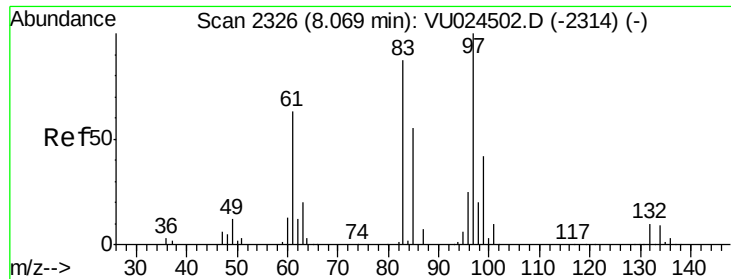
Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

39 50.5 39.8 59.6





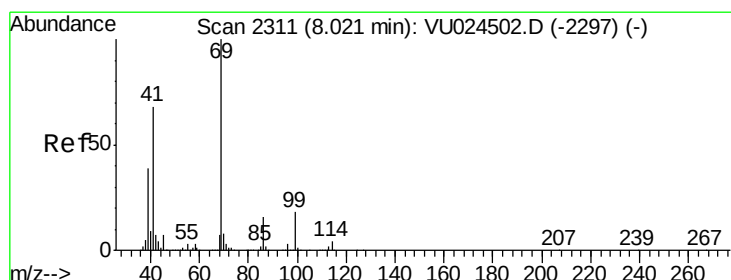
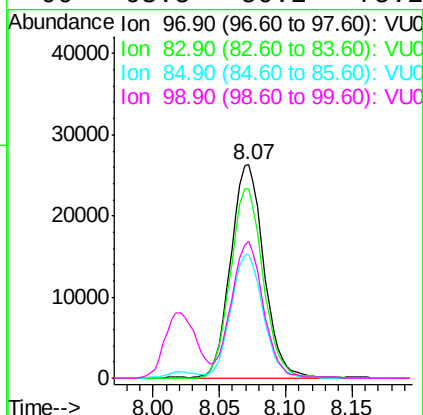
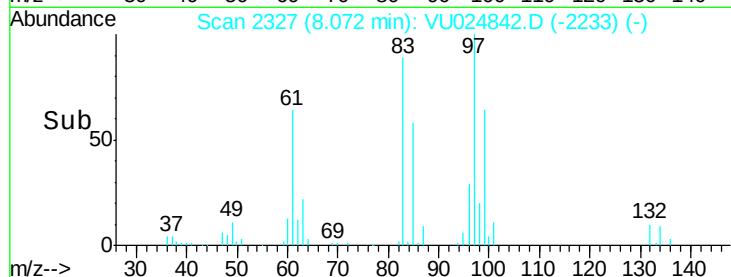
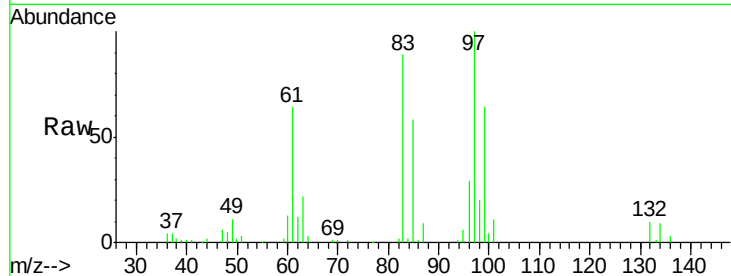
#55
 1,1,2-Trichloroethane
 Concen: 20.33 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion:	97	Resp:	45948
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.5	105.7
85	58.0	46.4	69.6
99	63.5	50.2	75.2

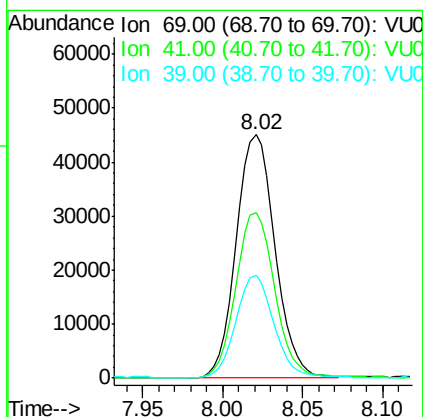
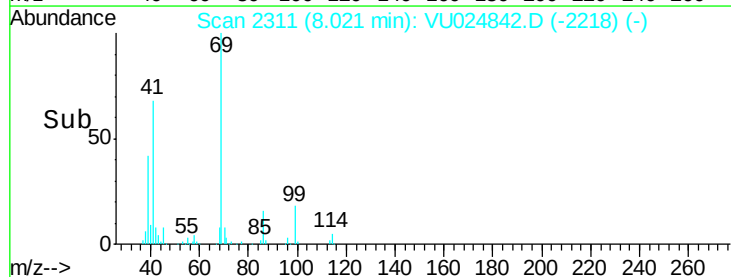
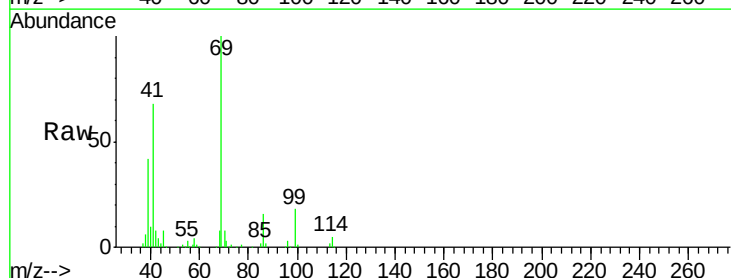
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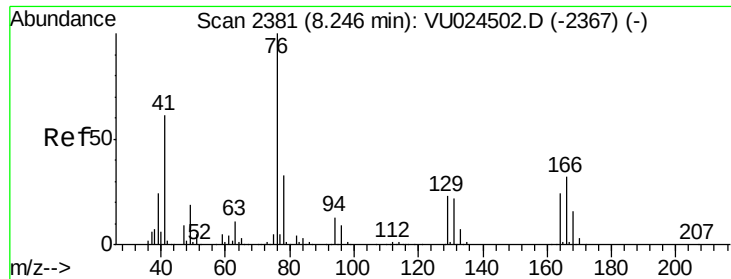
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#56
 Ethyl methacrylate
 Concen: 19.70 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion:	69	Resp:	74514
Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.1	81.1
39	41.6	30.3	45.5





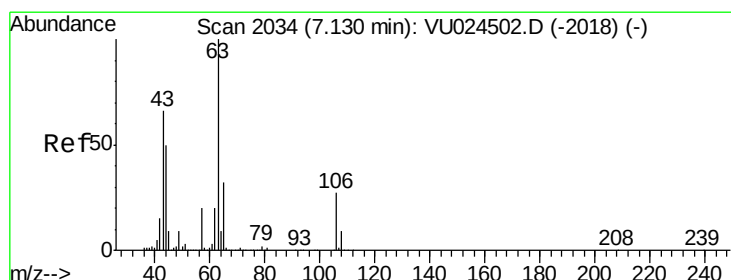
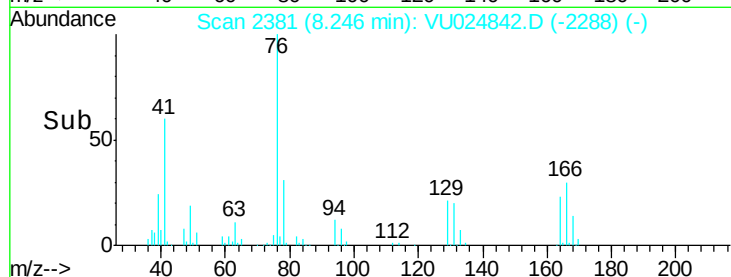
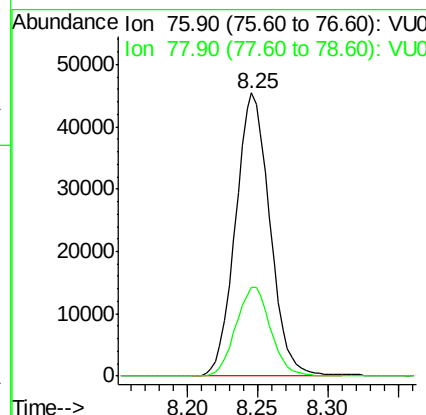
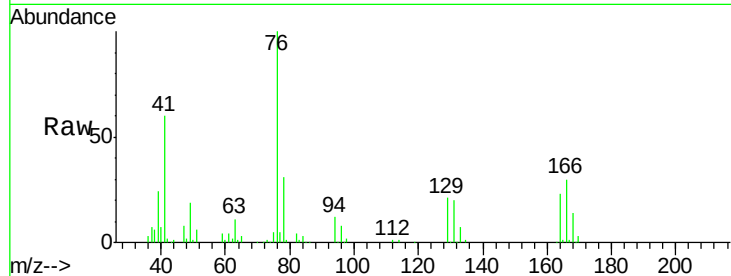
#57
 1,3-Dichloropropane
 Concen: 20.35 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion: 76 Resp: 77558
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8

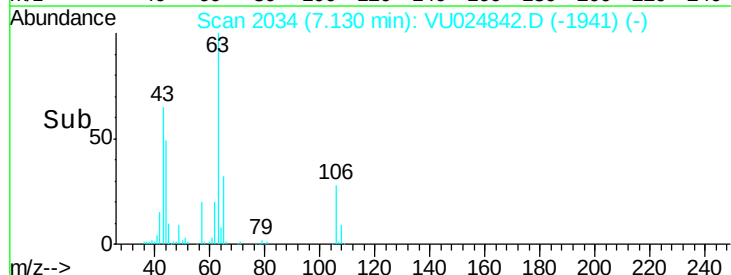
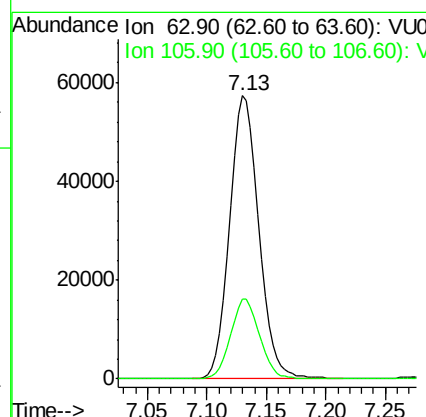
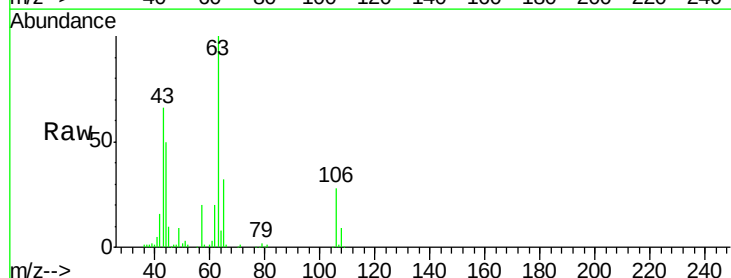
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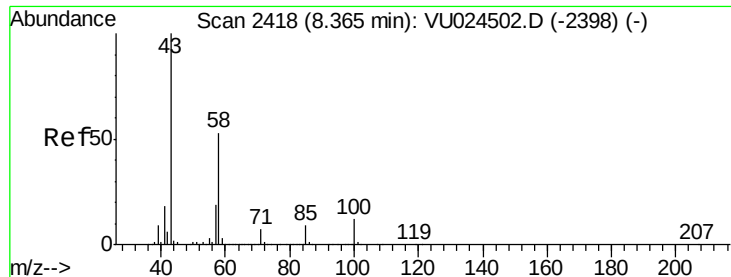
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#58
 2-Chloroethyl Vinyl ether
 Concen: 67.54 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion: 63 Resp: 97859
 Ion Ratio Lower Upper
 63 100
 106 27.8 20.2 30.2





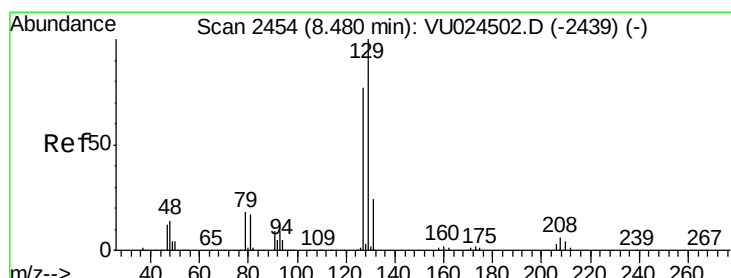
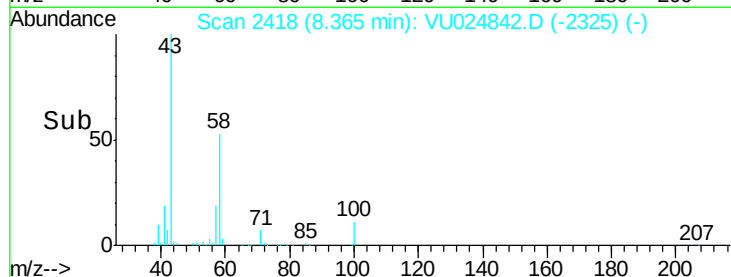
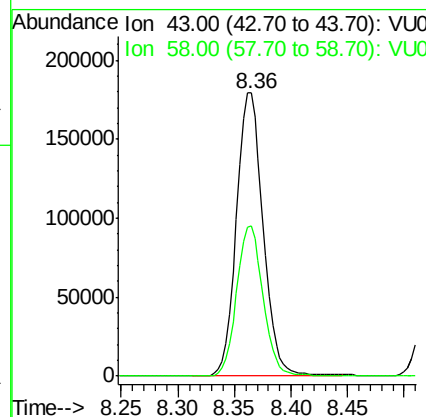
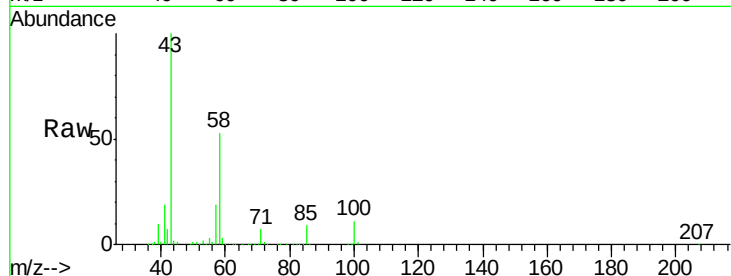
#59
2-Hexanone
Concen: 100.54 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.4	79.0

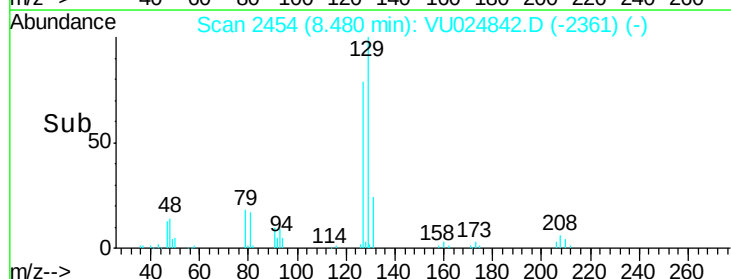
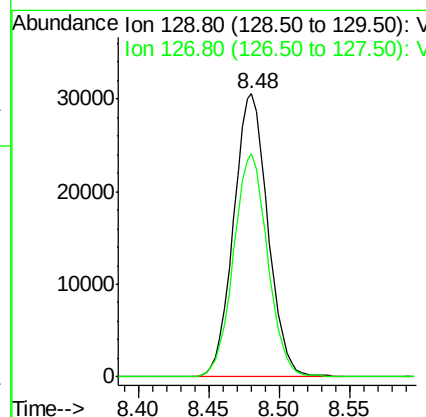
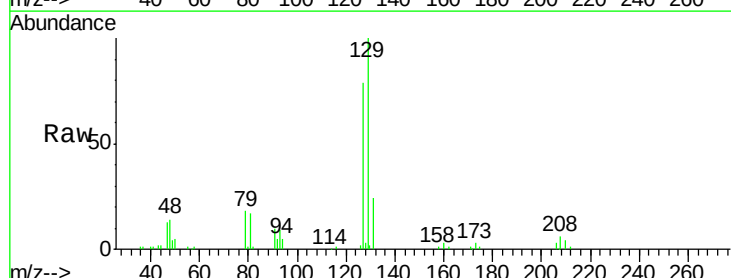
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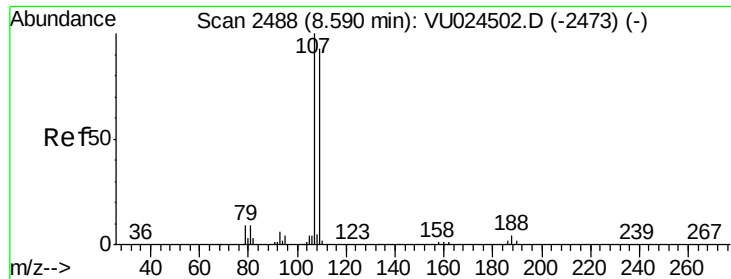
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#60
Dibromochloromethane
Concen: 18.44 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.6	116.0





#61

1,2-Dibromoethane

Concen: 19.68 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion:107 Resp: 49507

Ion Ratio Lower Upper

107 100

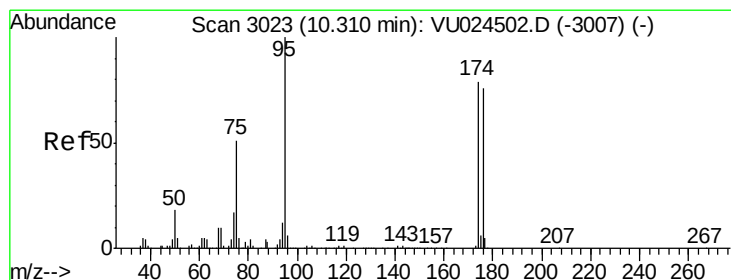
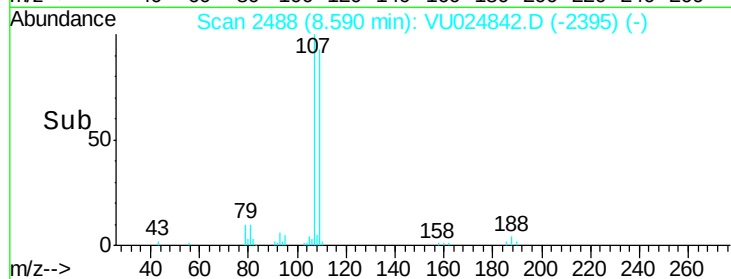
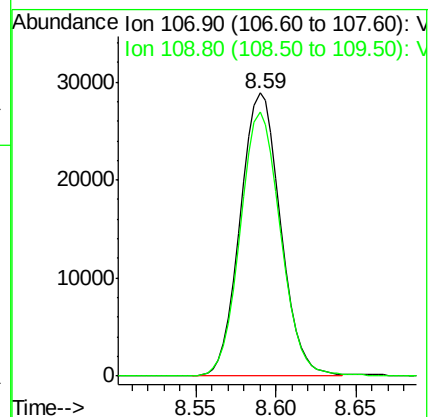
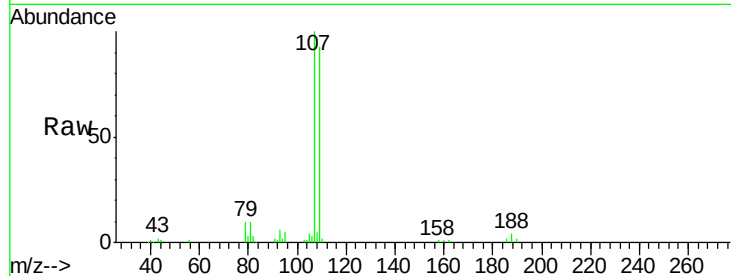
109 93.8 74.5 111.7

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#62

4-Bromofluorobenzene

Concen: 44.01 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

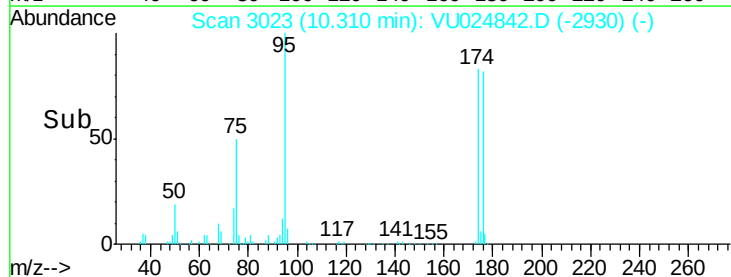
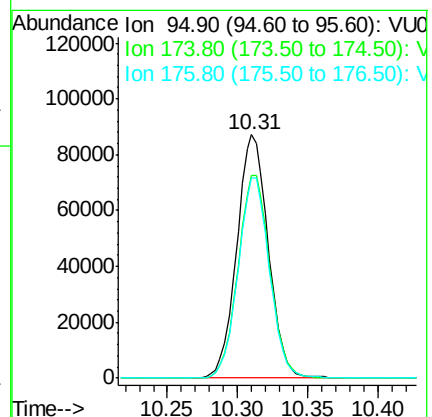
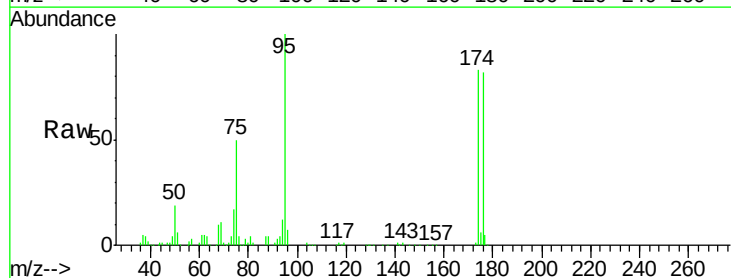
Tgt Ion: 95 Resp: 136499

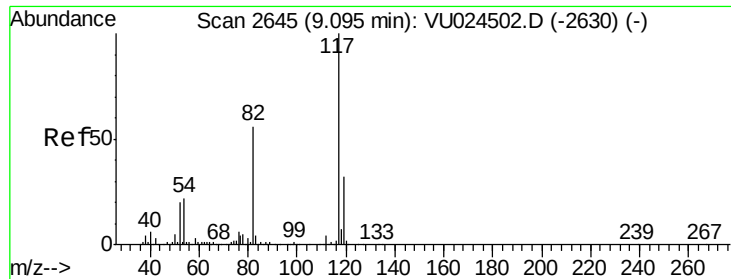
Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

176 82.0 0.0 159.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

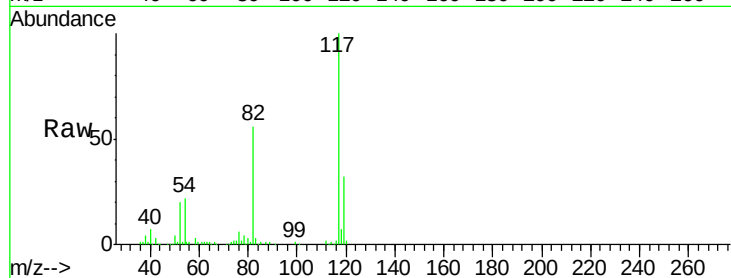
ClientSampleId :

VU0623WBS02

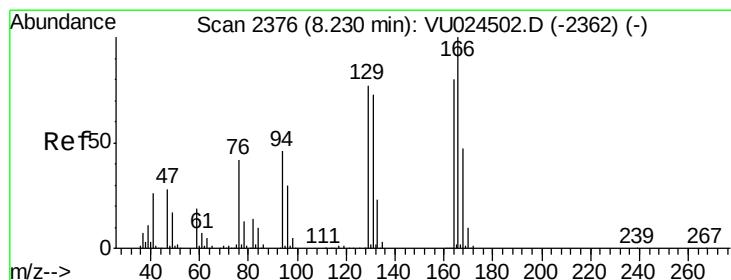
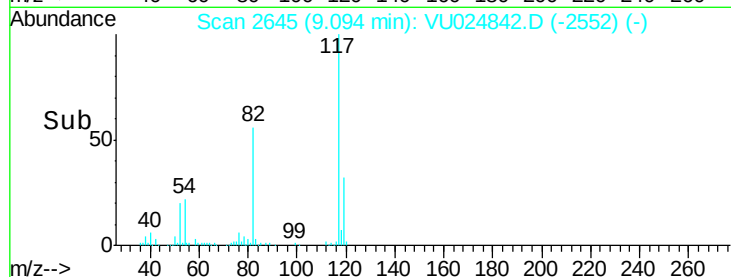
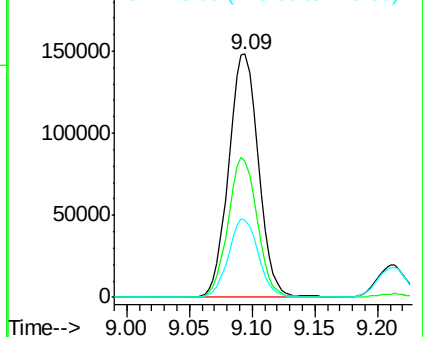
Tot Ion:	117	Resp:	245288
Ion Ratio	Lower	Upper	
117	100		
82	56.0	44.3	66.5
119	31.8	25.4	38.2

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



#64

Tetrachloroethene

Concen: 18.19 ug/l

RT: 8.23 min Scan# 2376

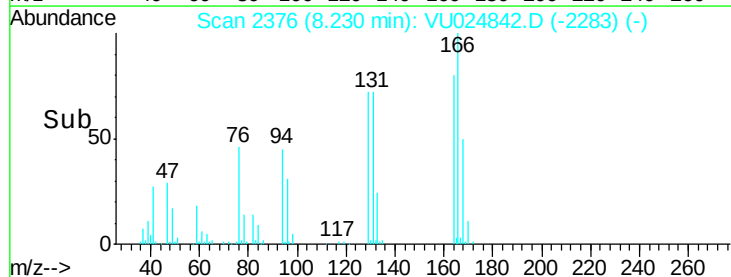
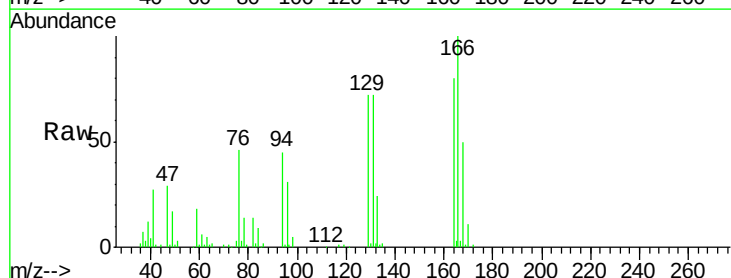
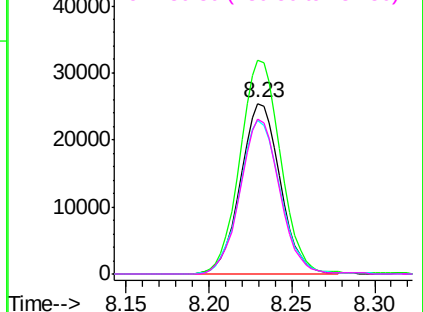
Delta R.T. -0.00 min

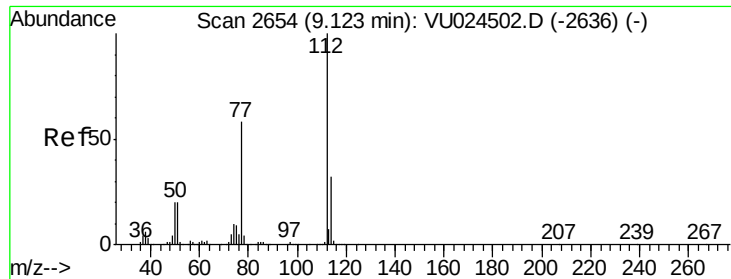
Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion:	164	Resp:	42417
Ion Ratio	Lower	Upper	
164	100		
166	125.4	101.7	152.5
129	90.0	76.9	115.3
131	90.7	74.9	112.3

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





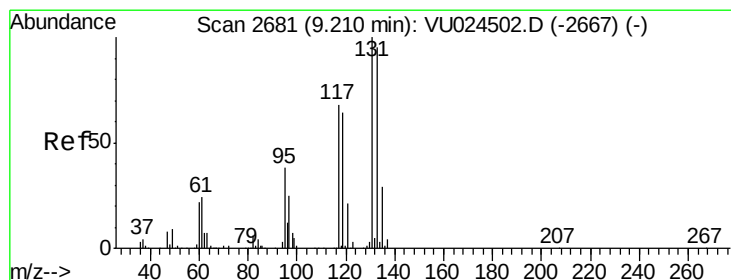
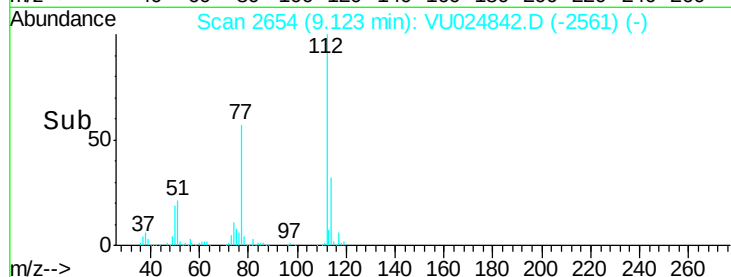
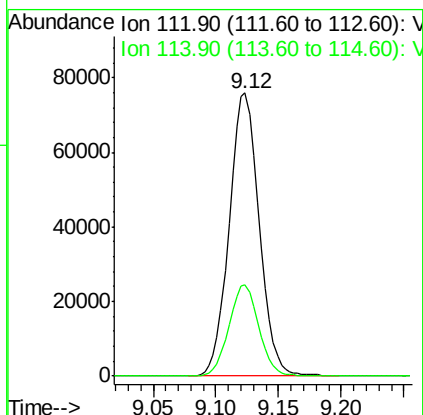
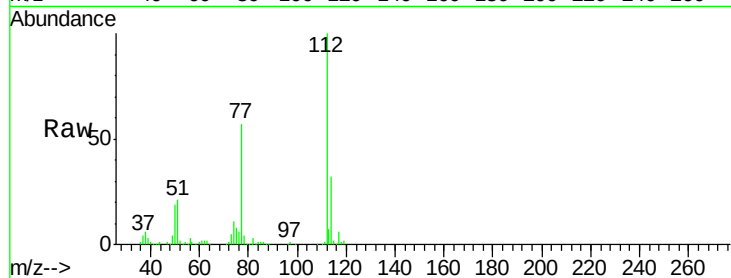
#65
Chlorobenzene
Concen: 20.15 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.6	38.4

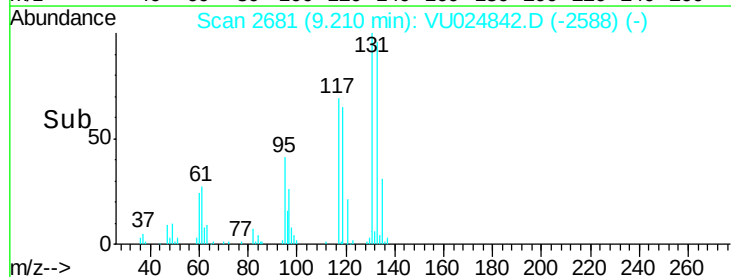
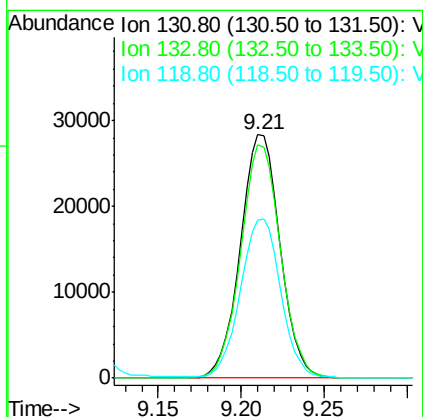
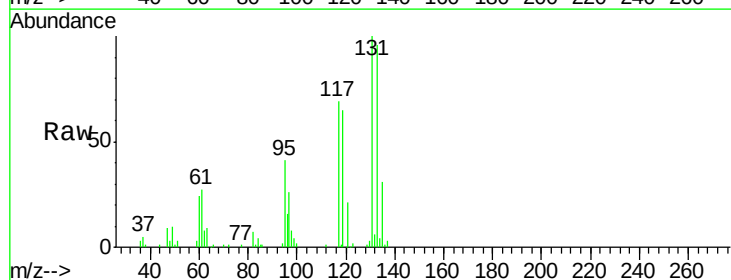
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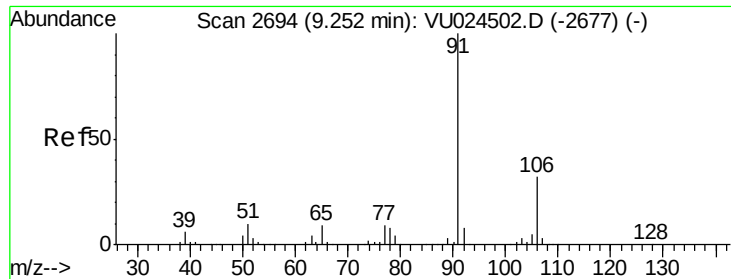
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.85 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	46.9	140.8
119	66.5	33.5	100.4





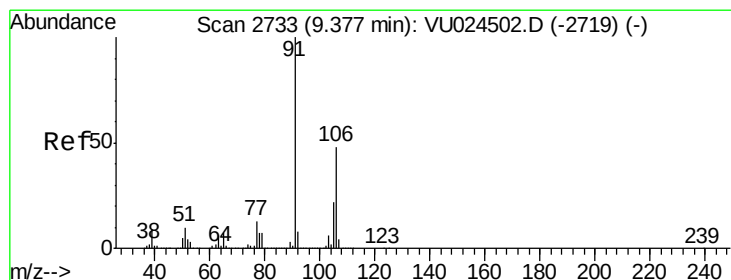
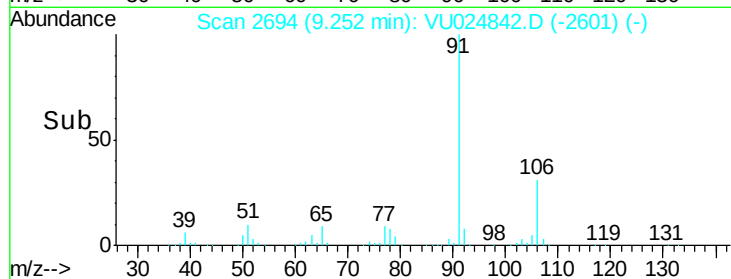
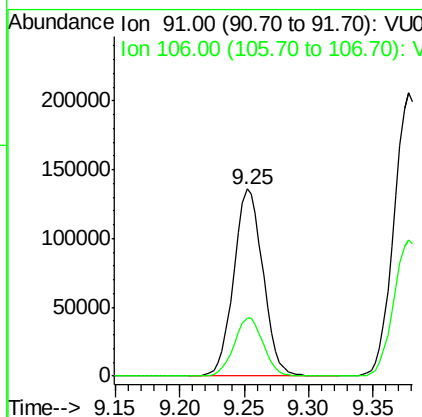
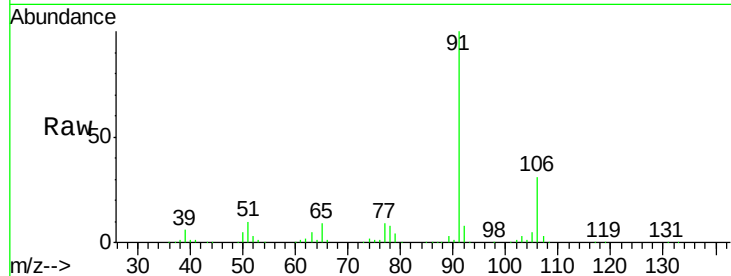
#67
Ethyl Benzene
Concen: 19.55 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion: 91 Resp: 214786
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

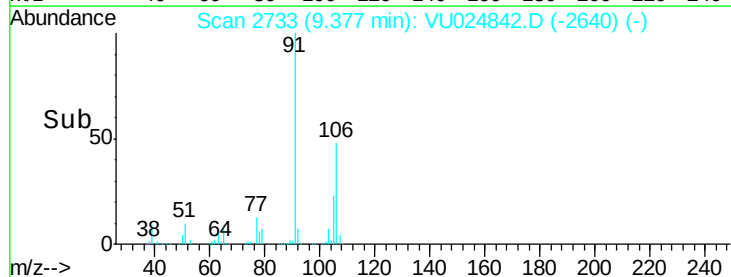
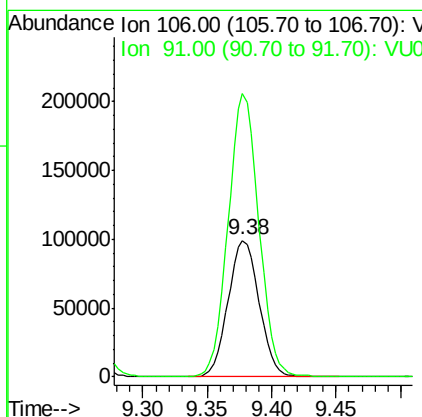
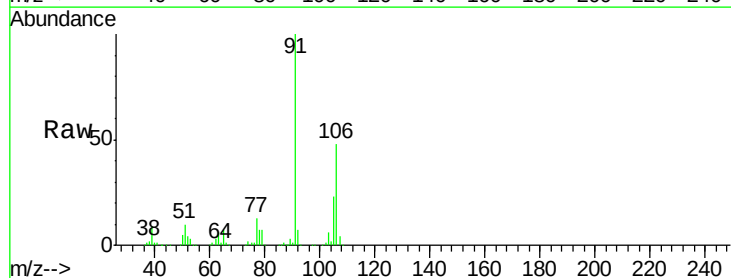
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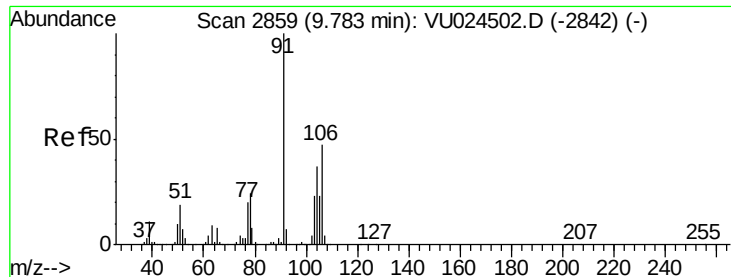
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#68
m/p-Xylenes
Concen: 39.50 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion: 106 Resp: 166622
Ion Ratio Lower Upper
106 100
91 203.6 166.5 249.7





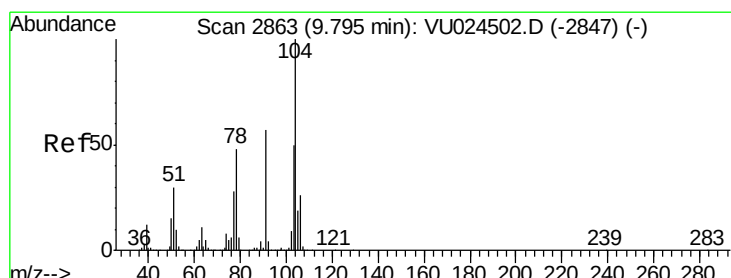
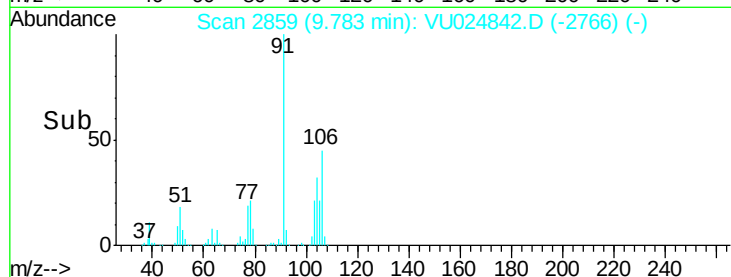
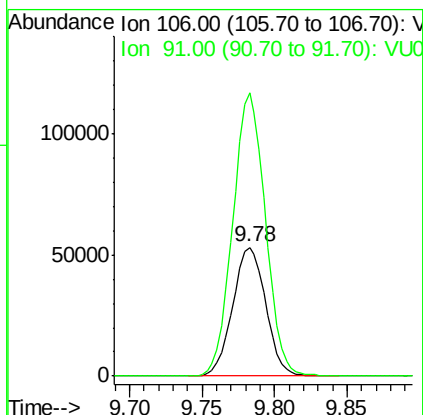
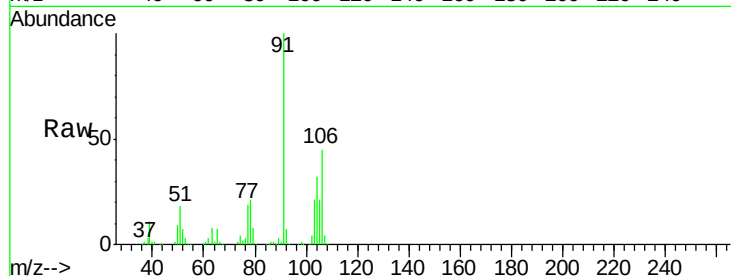
#69
o-Xylene
Concen: 20.12 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampled :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.6	110.7	331.9

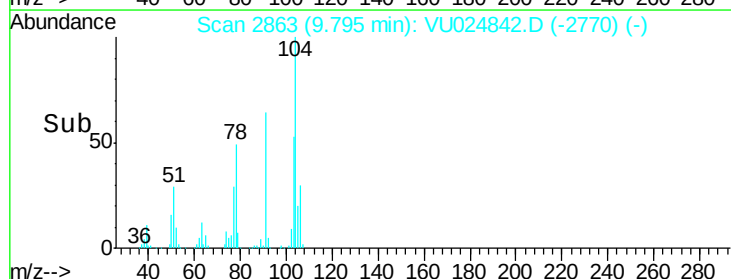
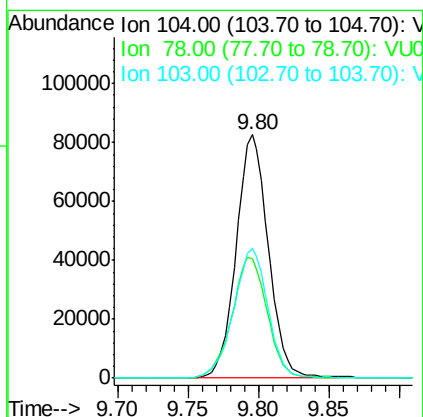
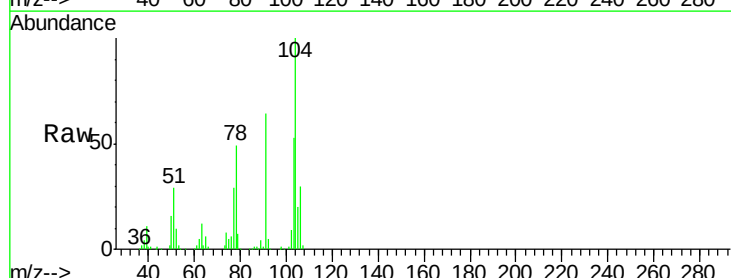
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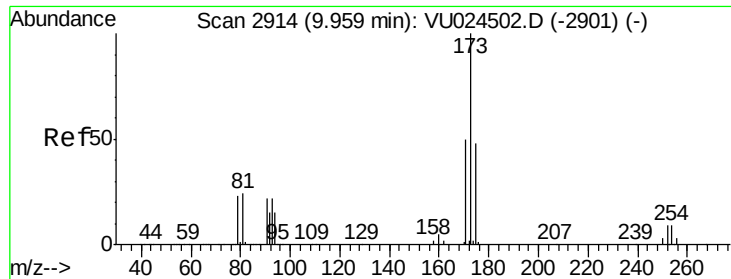
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#70
Styrene
Concen: 19.25 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.3	40.6	60.8
103	56.6	44.7	67.1





#71

Bromoform

Concen: 17.79 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

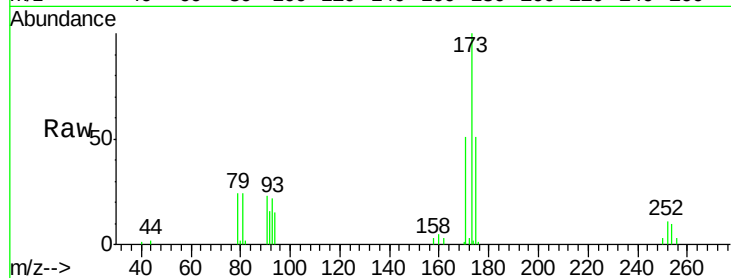
ClientSampleId :

VU0623WBS02

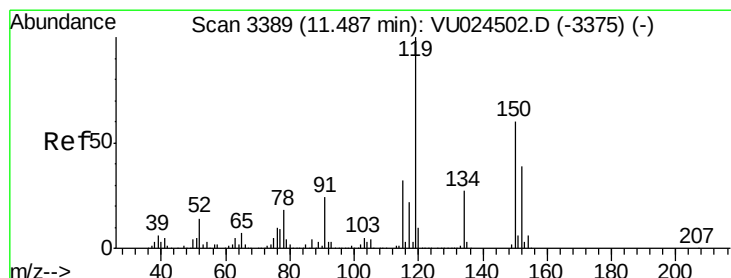
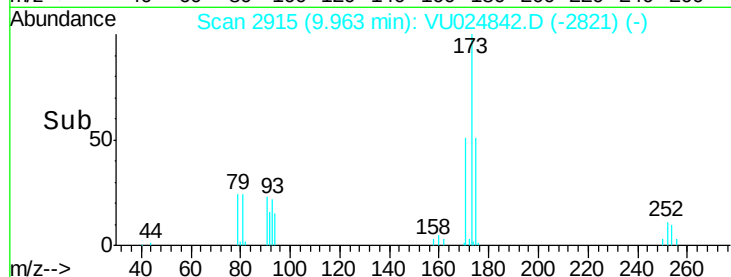
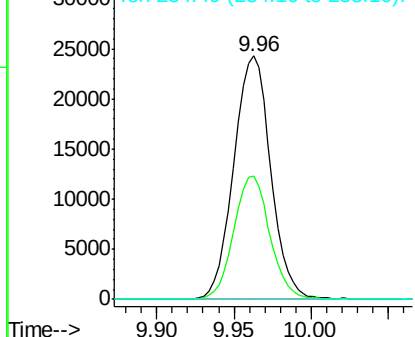
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.6	74.0
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

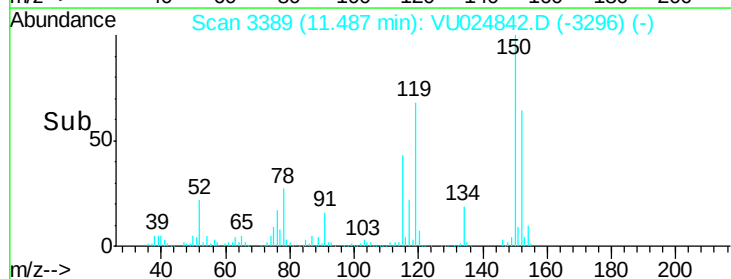
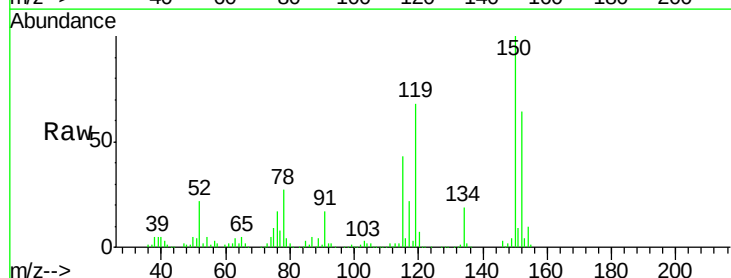
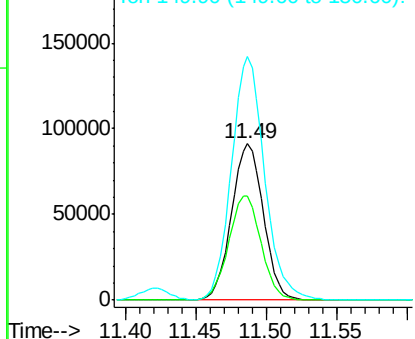
Delta R.T. -0.00 min

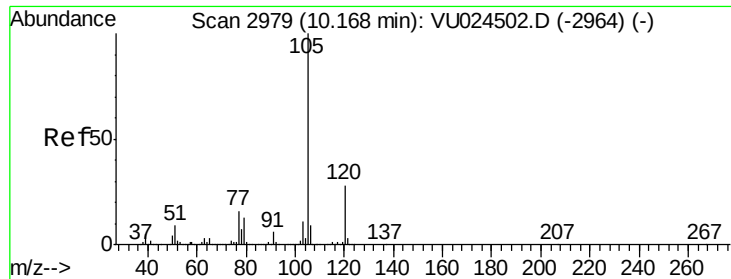
Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.9	43.0	129.0
150	161.9	0.0	354.0

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





#73

Isopropylbenzene

Concen: 20.41 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion:105 Resp: 226173

Ion Ratio Lower Upper

105 100

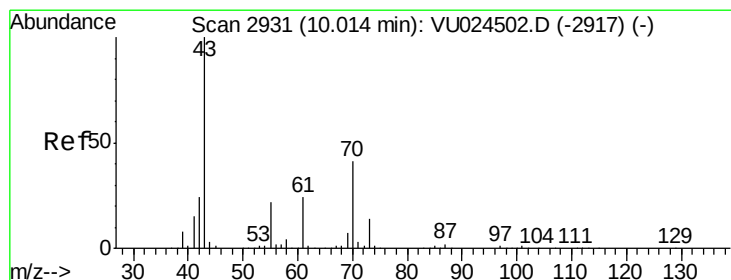
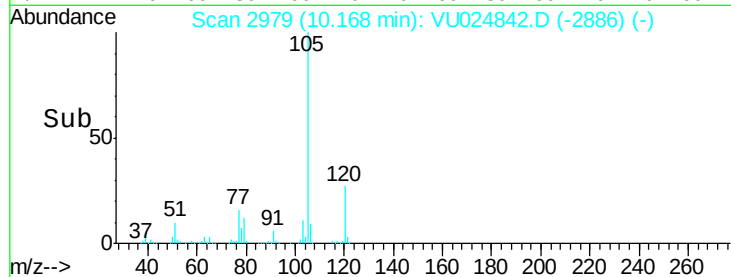
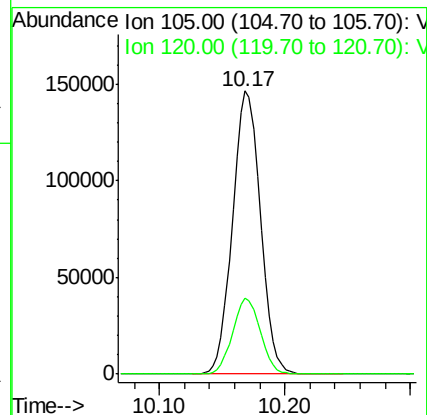
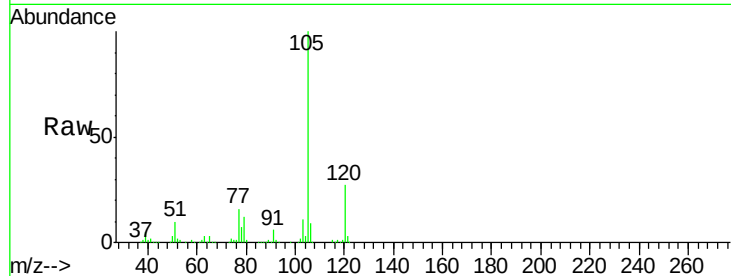
120 26.6 13.2 39.6

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#74

N-ethyl acetate

Concen: 18.71 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion: 43 Resp: 98631

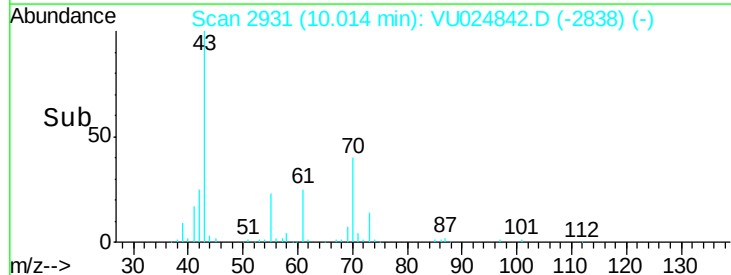
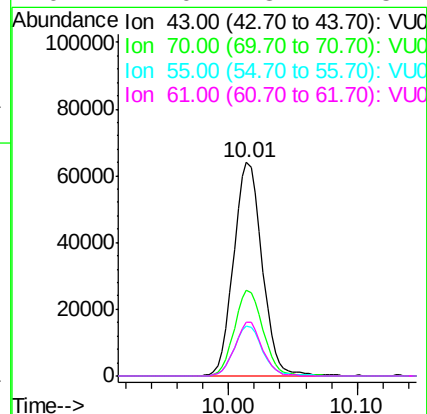
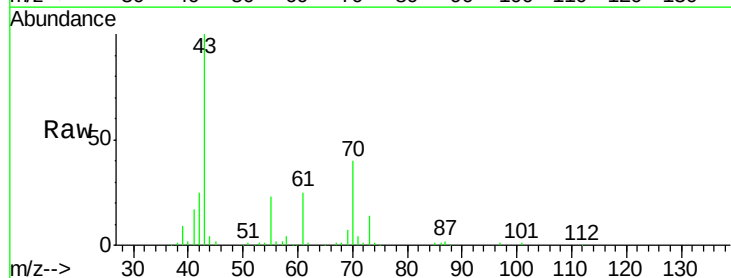
Ion Ratio Lower Upper

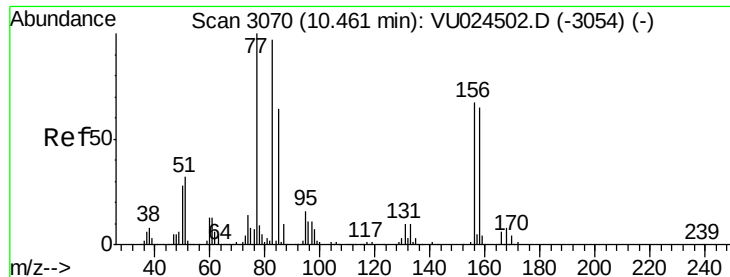
43 100

70 40.3 32.2 48.4

55 23.4 20.5 30.7

61 24.0 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.24 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion: 83 Resp: 78868

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

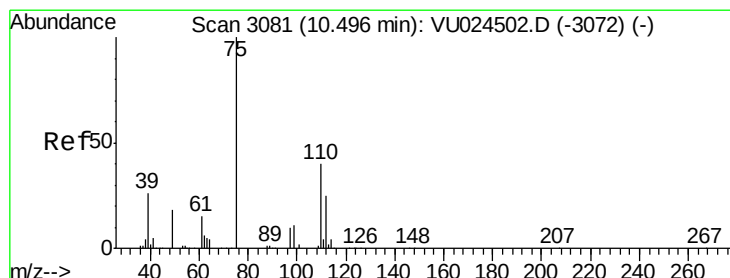
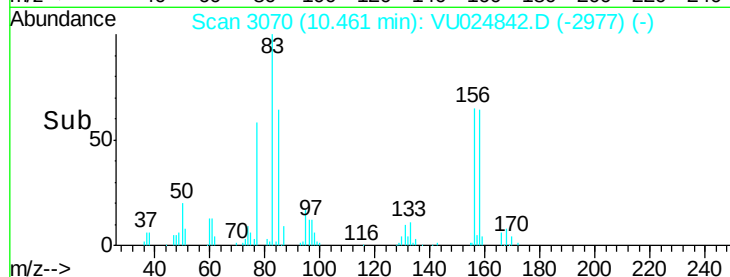
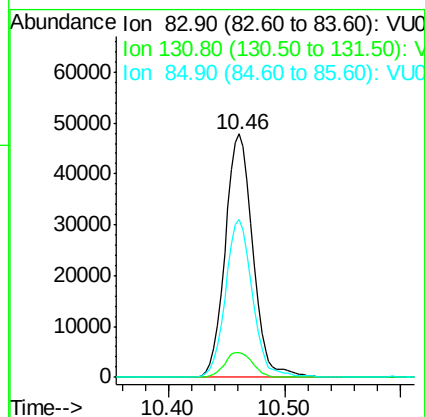
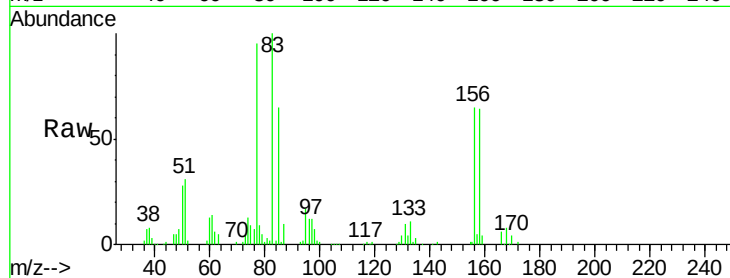
85 63.7 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 24.33 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024842.D

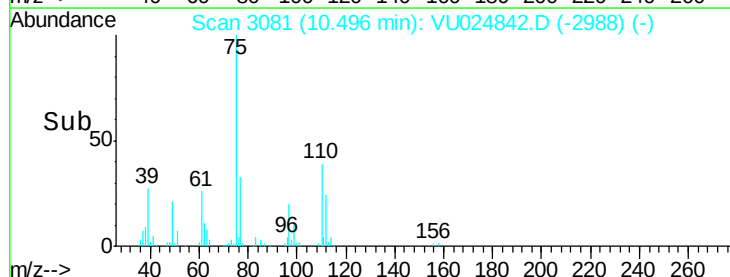
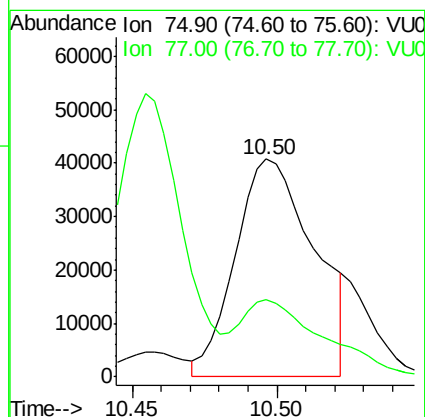
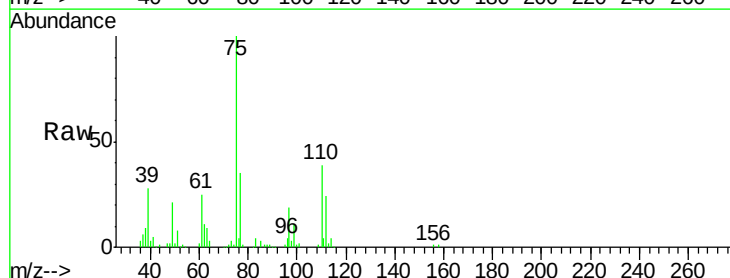
Acq: 22 Jun 2018 19:26

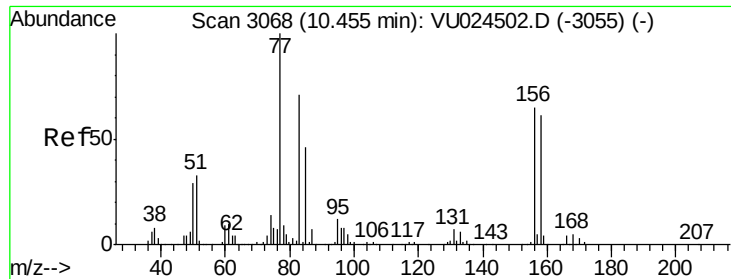
Tgt Ion: 75 Resp: 77324

Ion Ratio Lower Upper

75 100

77 37.1 20.9 62.7





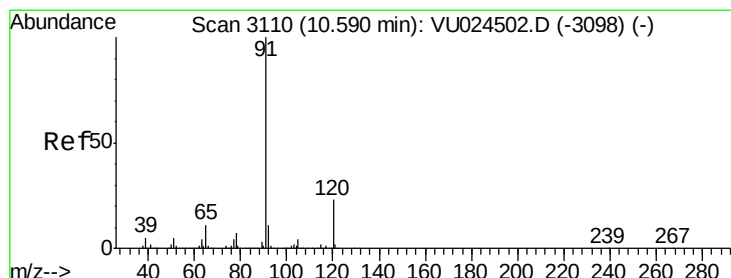
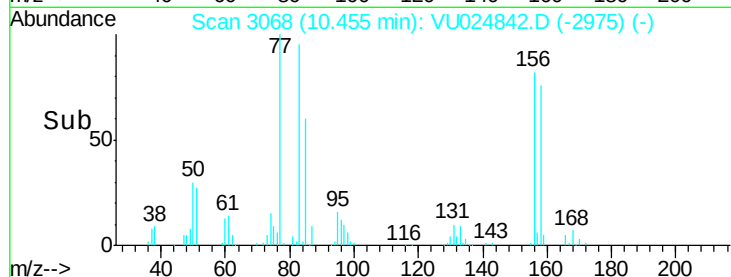
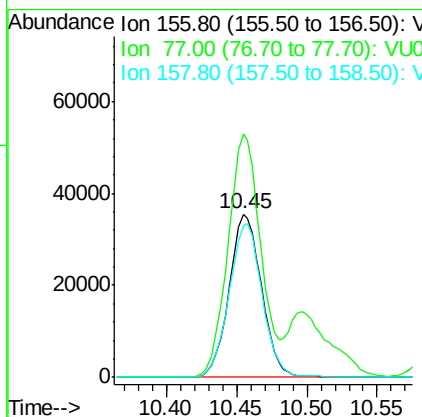
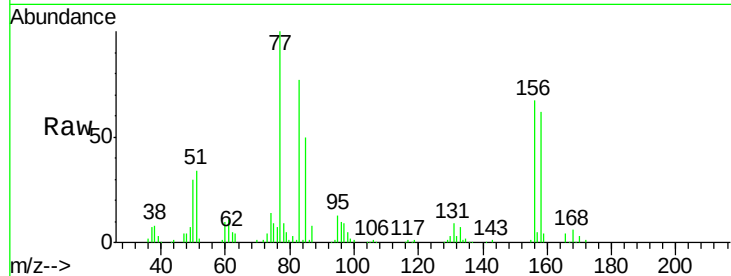
#77
Bromobenzene
Concen: 20.37 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.9	80.5	241.3
158	96.0	48.2	144.6

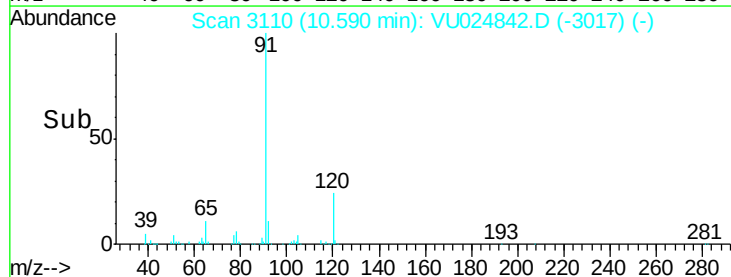
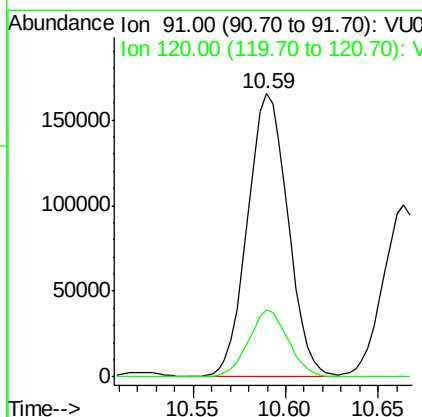
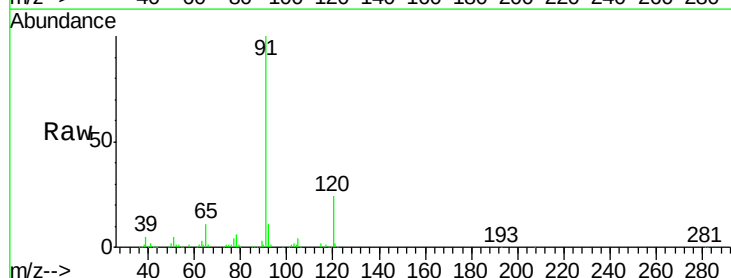
Manual Integrations
APPROVED

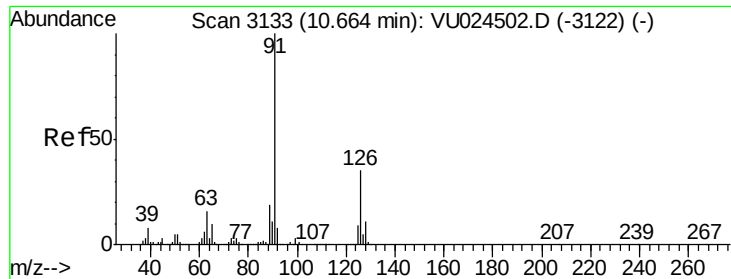
apatel
6/26/2018 11:59:44 AM



#78
n-propylbenzene
Concen: 19.12 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.2	33.5





#79

2-Chlorotoluene

Concen: 19.88 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion: 91 Resp: 153030

Ion Ratio Lower Upper

91 100

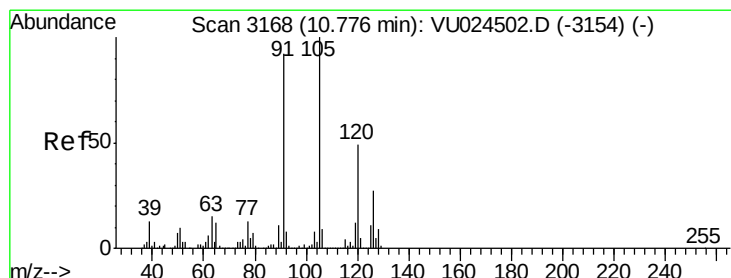
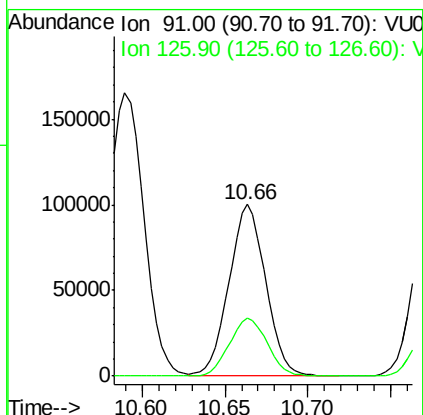
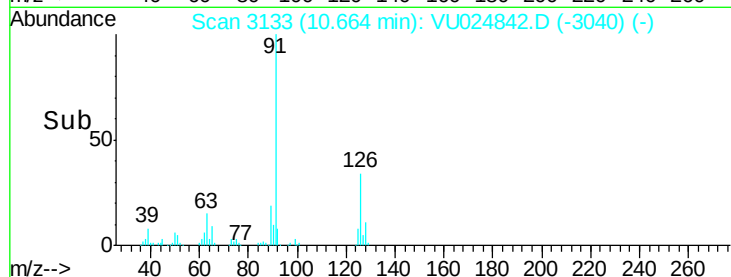
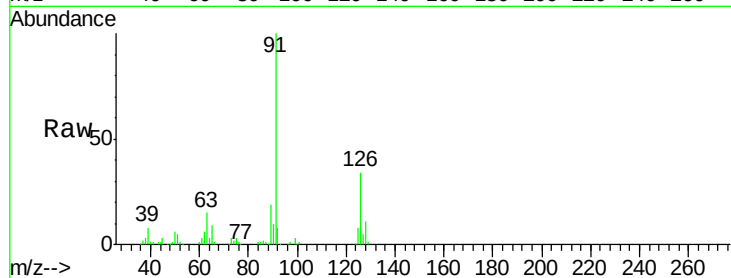
126 35.2 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.89 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024842.D

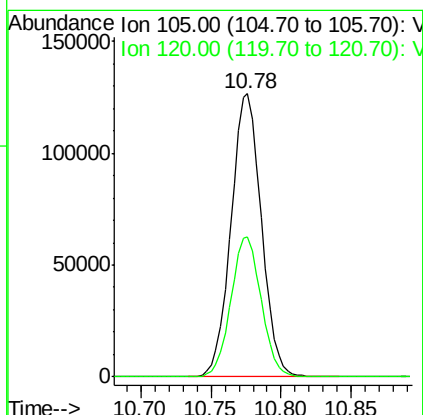
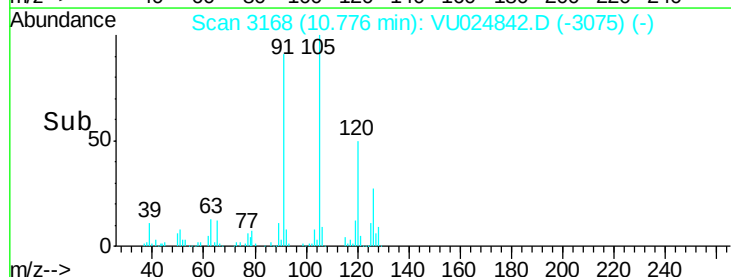
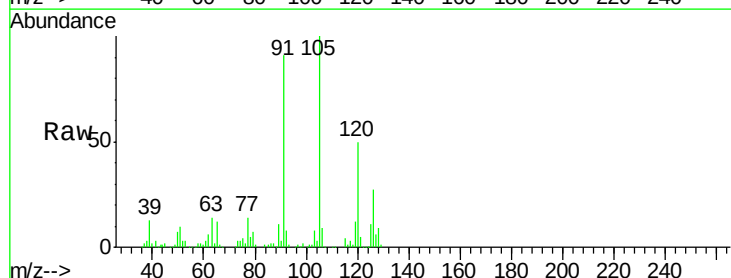
Acq: 22 Jun 2018 19:26

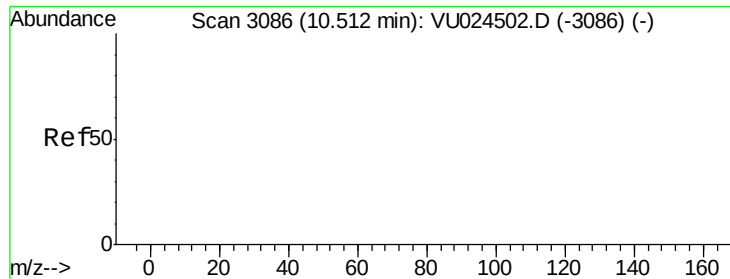
Tgt Ion: 105 Resp: 191040

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.2





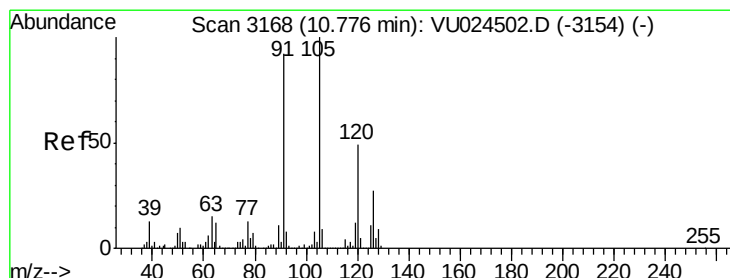
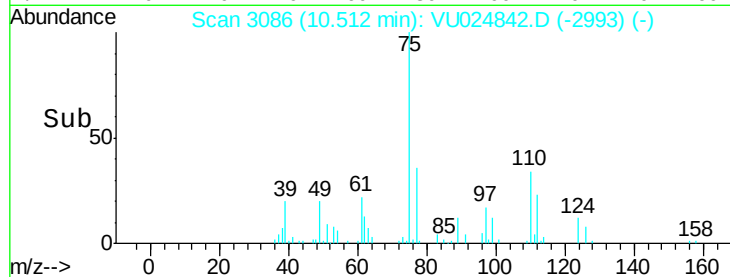
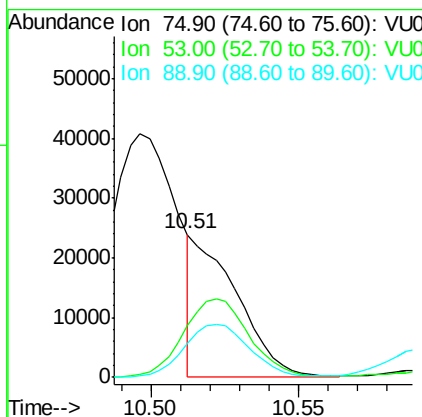
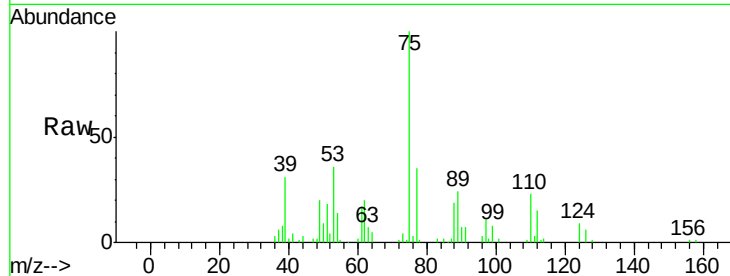
#81
trans-1,4-Dichloro-2-butene
Concen: 18.07 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

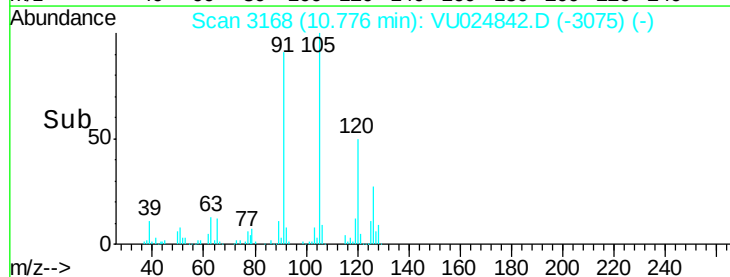
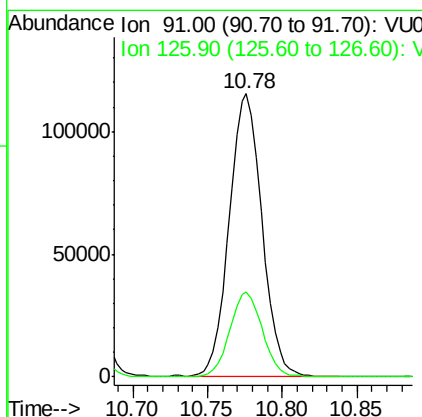
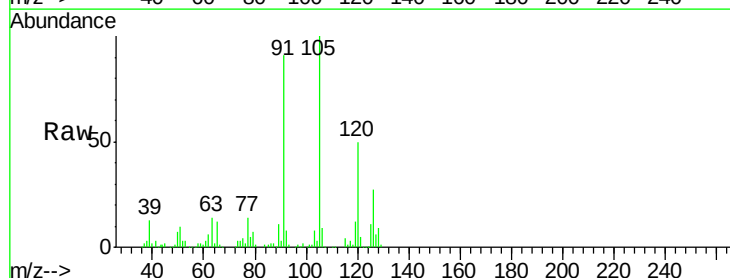
Manual Integrations
APPROVED

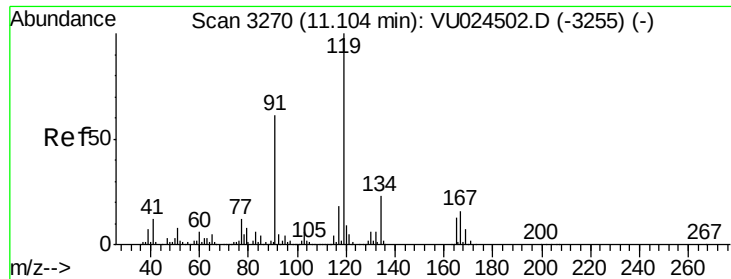
apatel
6/26/2018 11:59:44 AM



#82
4-Chlorotoluene
Concen: 19.57 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.9	44.9





#83

tert-Butylbenzene

Concen: 21.00 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

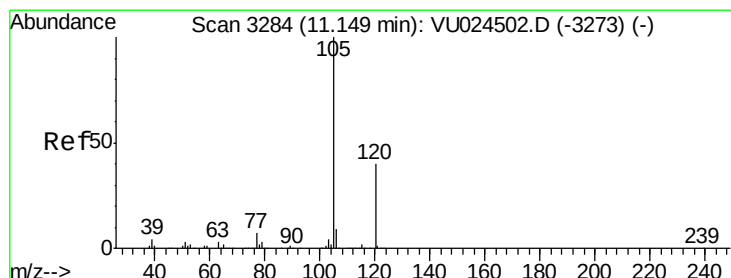
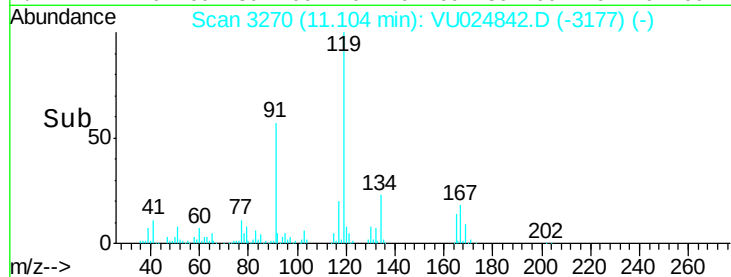
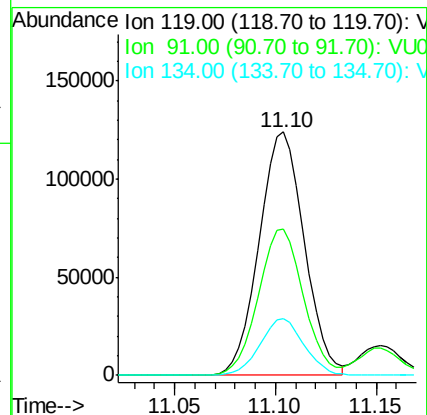
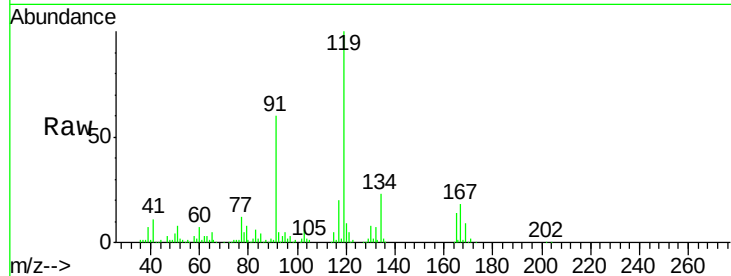
ClientSampleId :

VU0623WBS02

Tot Ion:	119	Resp:	194016
Ion Ratio	Lower	Upper	
119	100		
91	59.6	29.7	89.1
134	22.6	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.92 ug/l

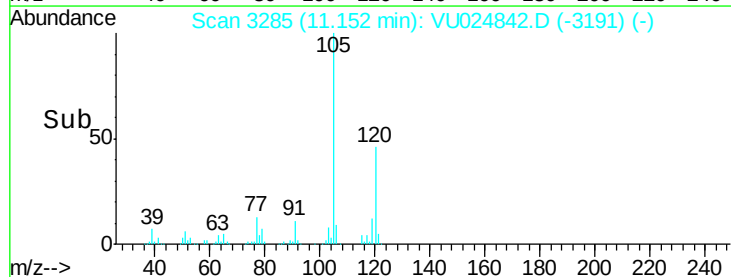
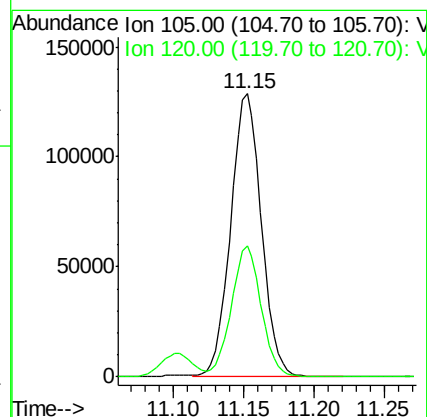
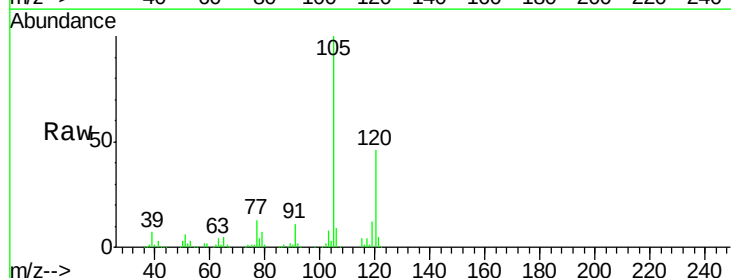
RT: 11.15 min Scan# 3285

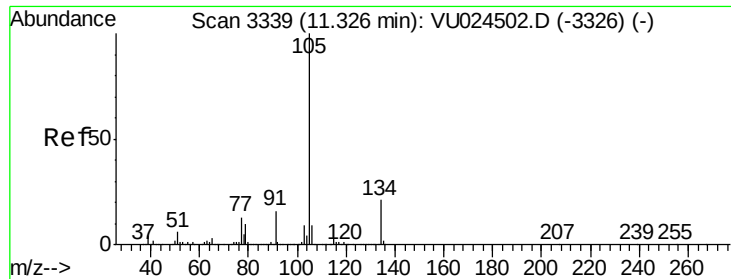
Delta R.T. 0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion:	105	Resp:	194933
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.92 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

VU0623WBS02

Tot Ion:105 Resp: 230335

Ion Ratio Lower Upper

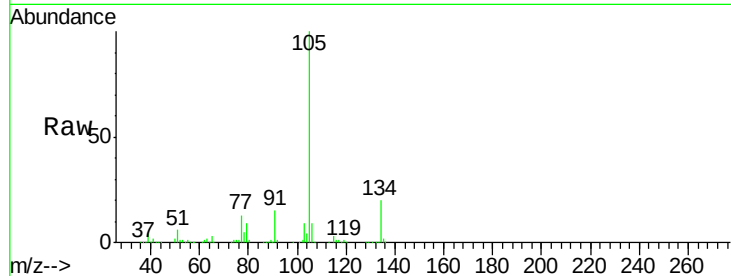
105 100

134 20.2 9.7 29.1

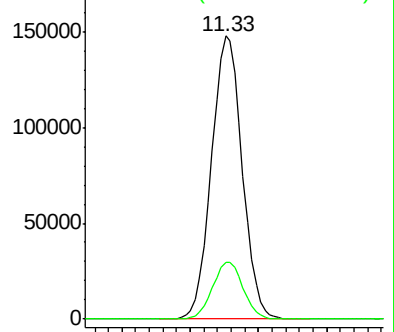
Manual Integrations
APPROVED

apatel

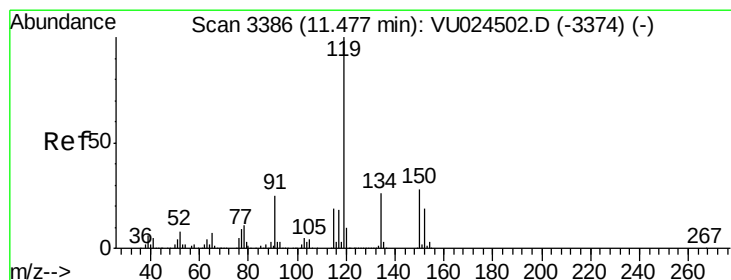
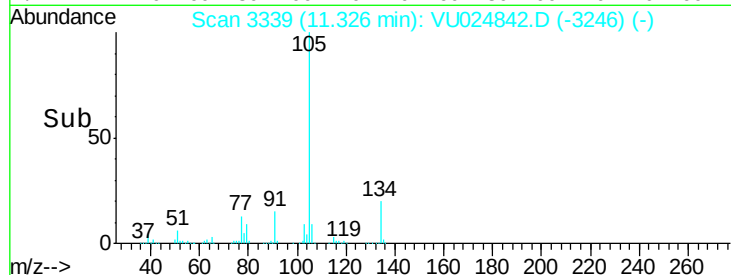
6/26/2018 11:59:44 AM



Abundance Ion 105.00 (104.70 to 105.70): V



Time--> 11.25 11.30 11.35 11.40



#86

p-Isopropyltoluene

Concen: 19.36 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

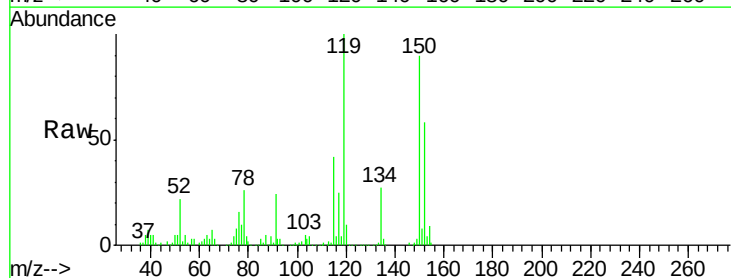
Tgt Ion:119 Resp: 200542

Ion Ratio Lower Upper

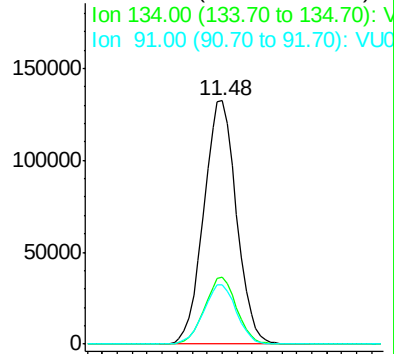
119 100

134 26.9 12.9 38.6

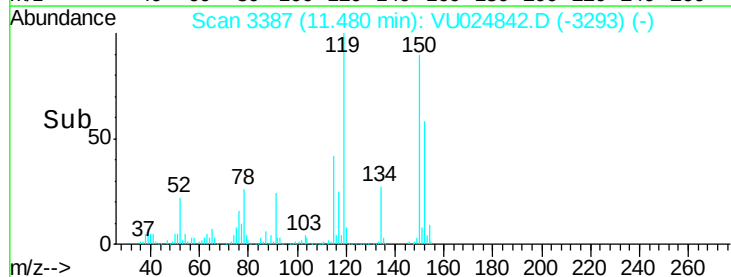
91 24.6 12.0 36.1

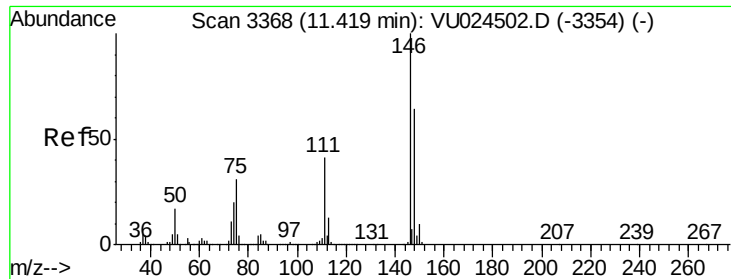


Abundance Ion 119.00 (118.70 to 119.70): V



Time--> 11.40 11.45 11.50 11.55





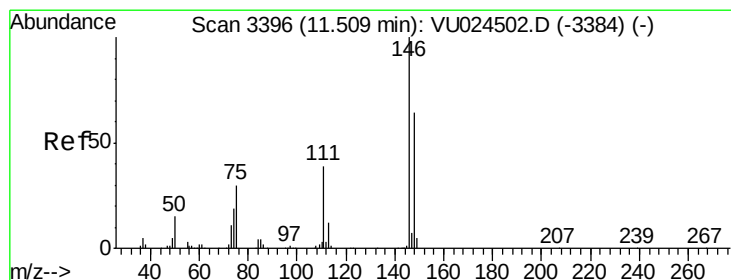
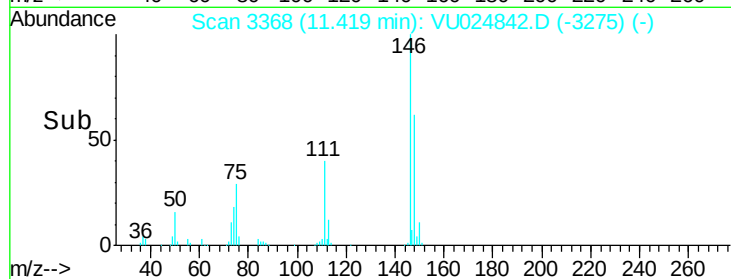
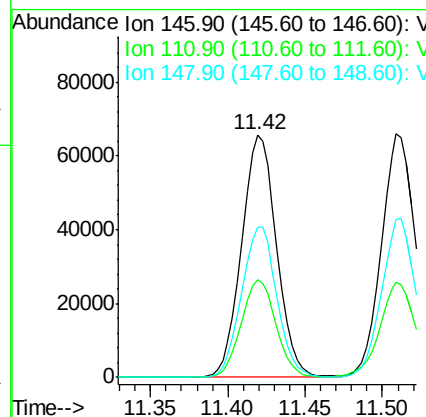
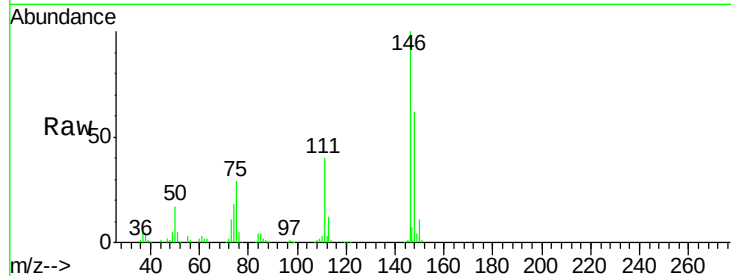
#87
 1,3-Dichlorobenzene
 Concen: 19.92 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	62.4	32.1	96.5

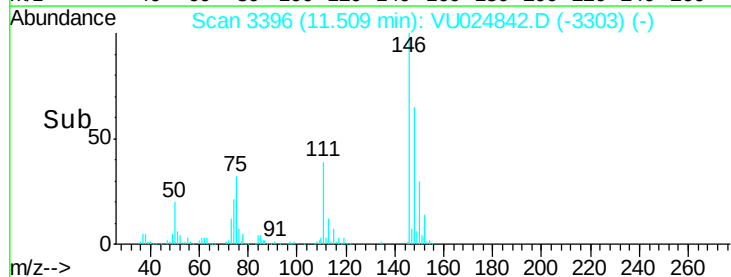
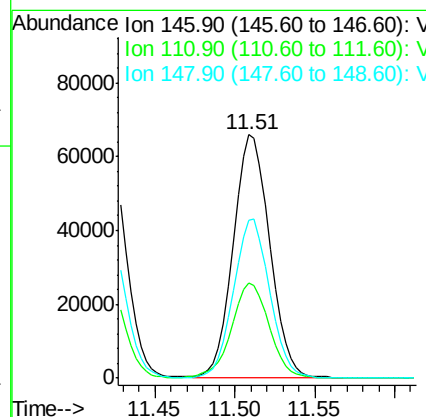
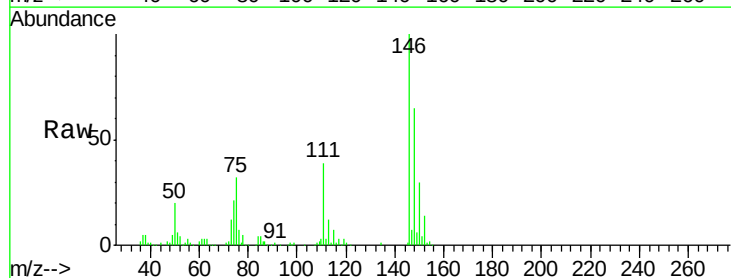
Manual Integrations
 APPROVED

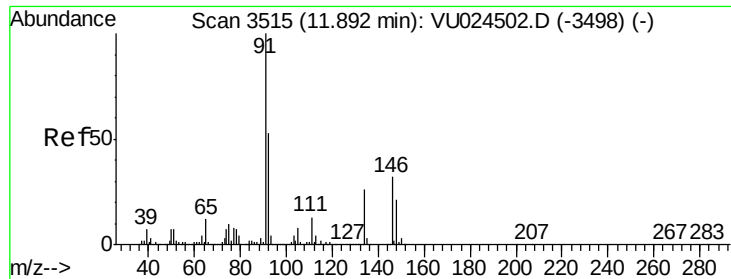
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.66 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.5	58.5
148	65.2	32.4	97.0





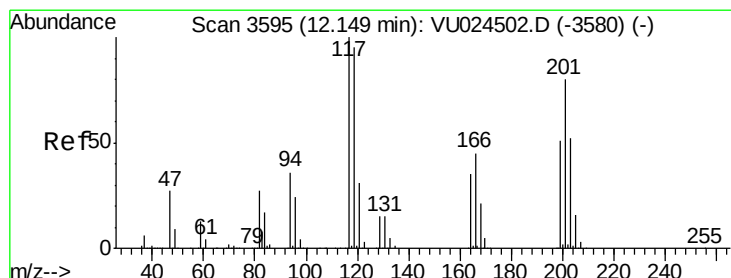
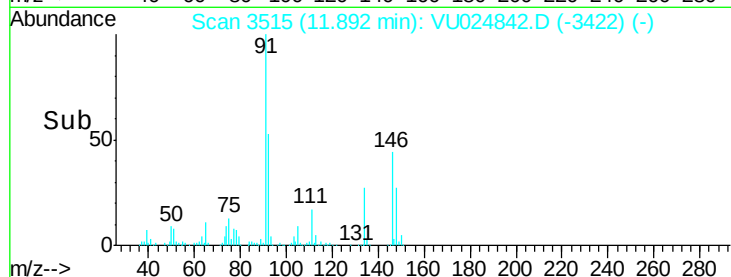
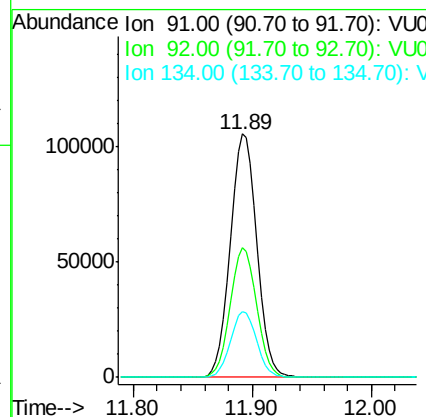
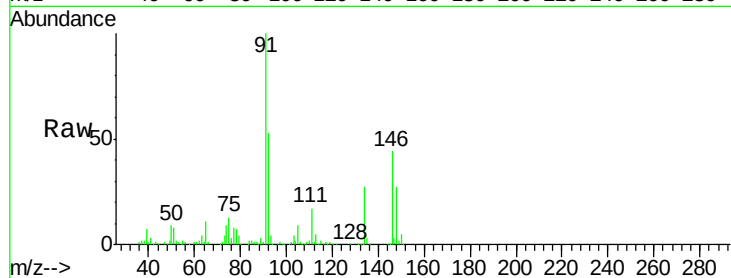
#89
n-Butylbenzene
Concen: 17.72 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
VU0623WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.6	76.8
134	26.6	12.3	36.8

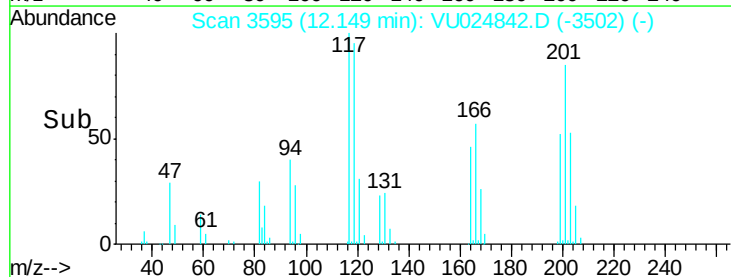
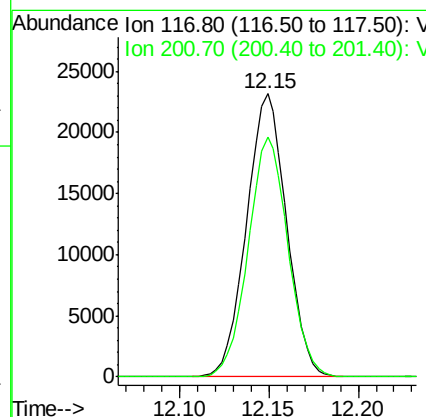
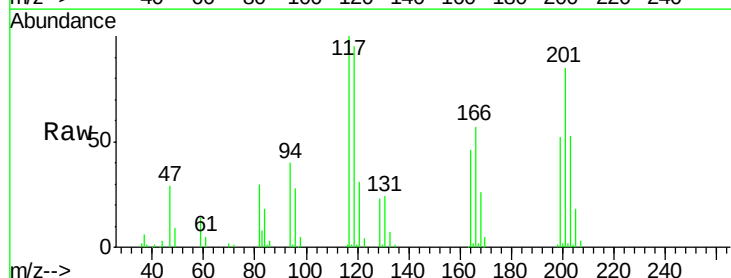
Manual Integrations
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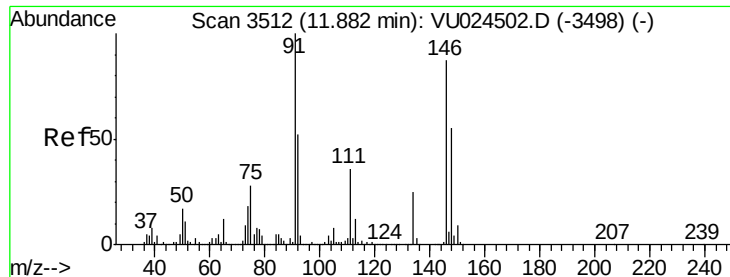
apatel
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#90
Hexachloroethane
Concen: 17.98 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024842.D
Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	41.1	123.3





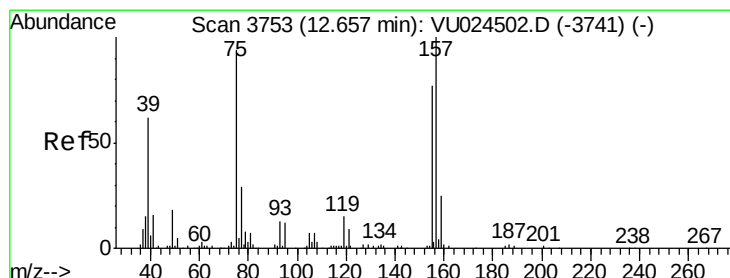
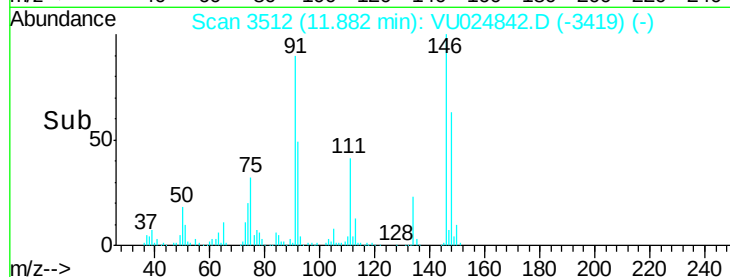
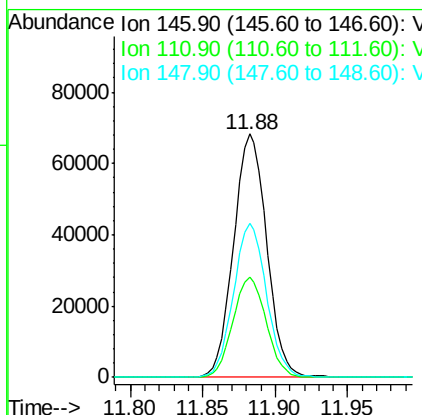
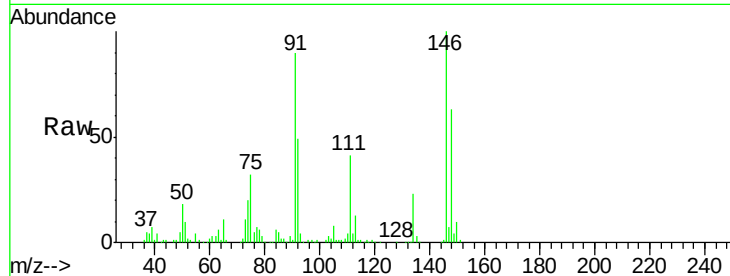
#91
 1,2-Dichlorobenzene
 Concen: 20.89 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	63.1	31.9	95.7

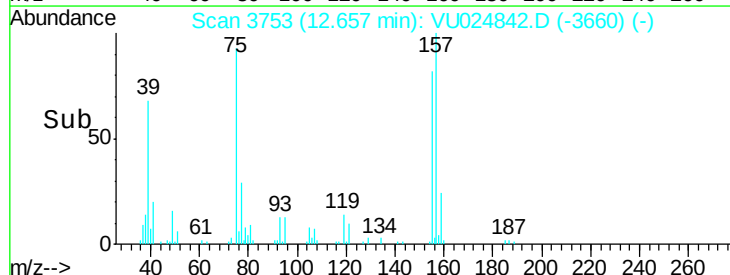
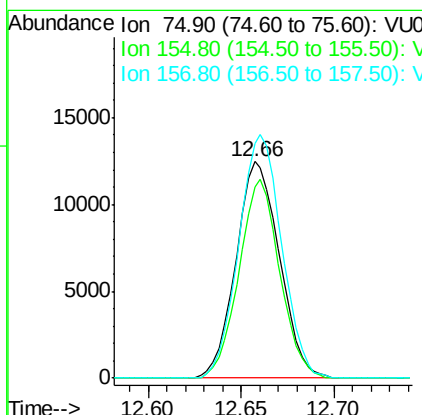
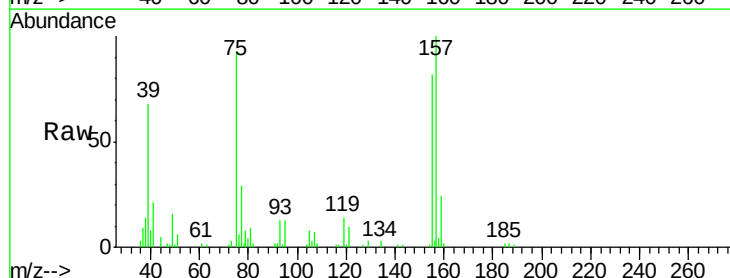
Manual Integrations
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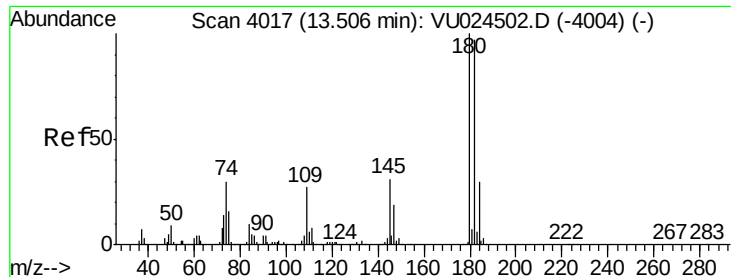
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.82 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	40.4	121.2
157	110.6	52.3	156.8





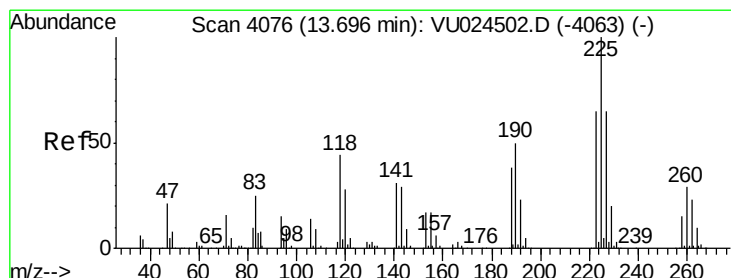
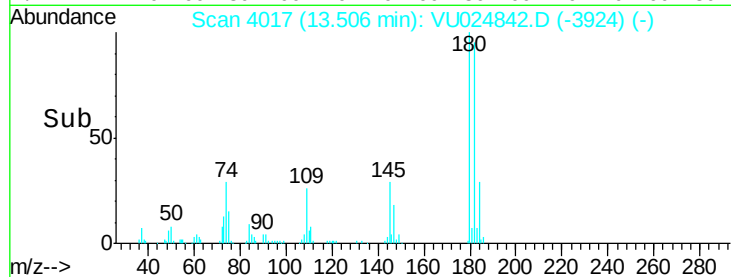
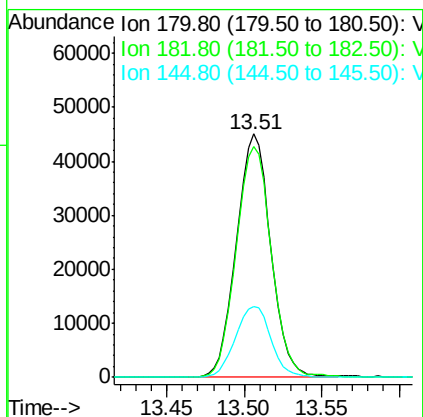
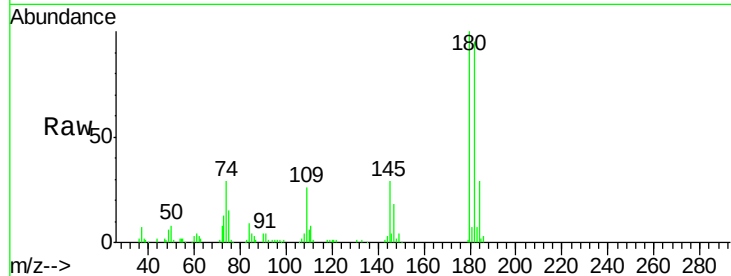
#93
 1,2,4-Trichlorobenzene
 Concen: 21.72 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69623		
182	97.5	48.0	144.2	
145	30.1	14.7	44.1	

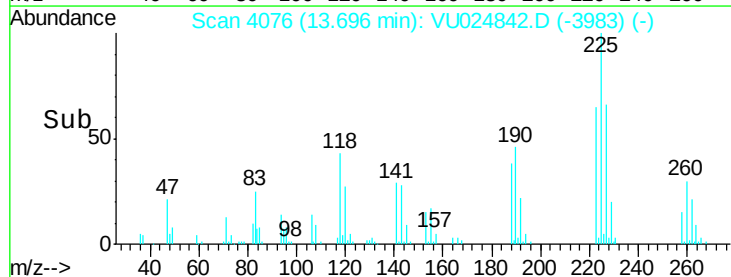
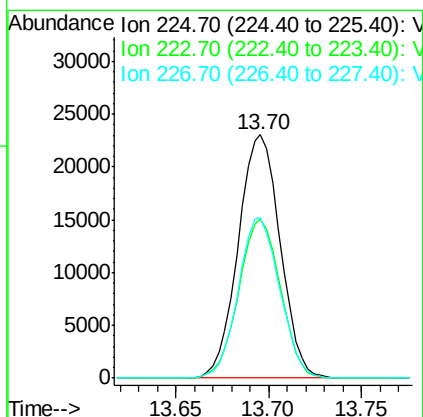
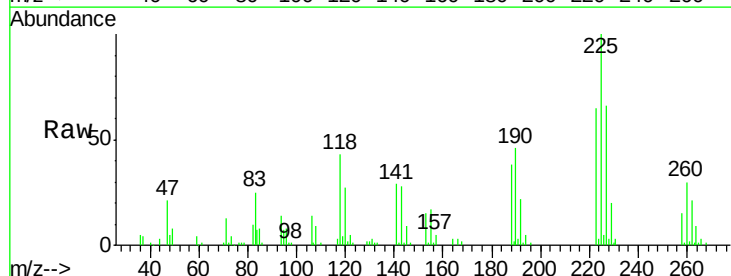
Manual Integrations
 APPROVED

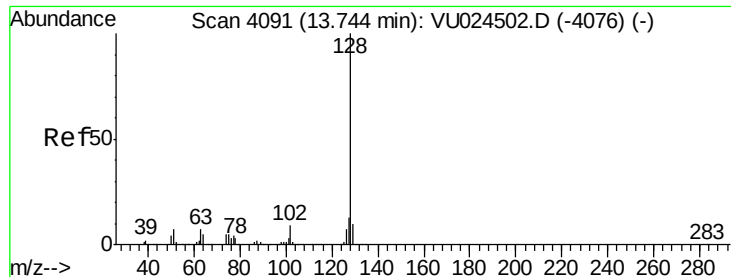
apatel
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#94
 Hexachlorobutadiene
 Concen: 20.01 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024842.D
 Acq: 22 Jun 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36110		
223	65.1	31.3	93.8	
227	65.2	31.8	95.4	





#95

Naphthalene

Concen: 22.71 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Instrument :

MSVOA_U

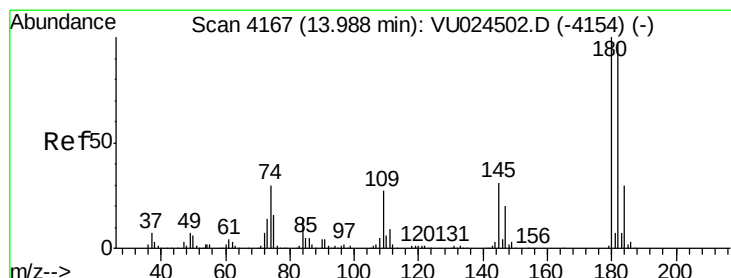
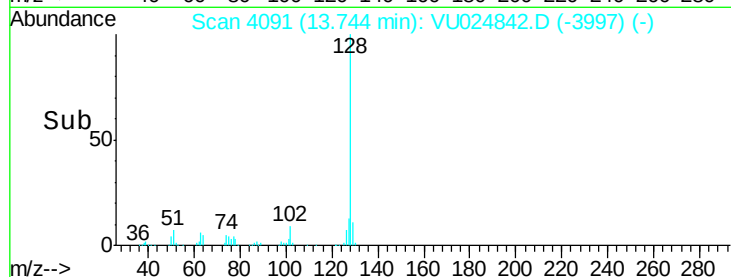
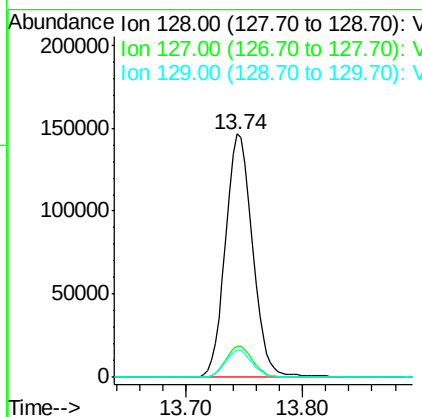
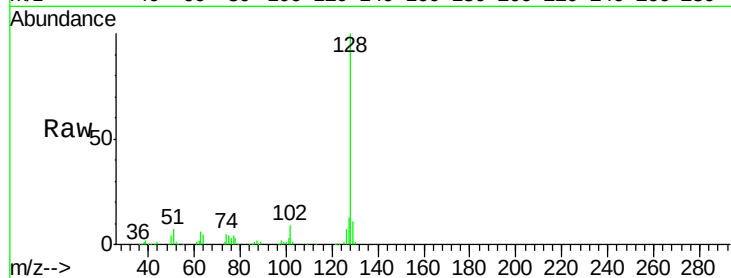
ClientSampleId :

VU0623WBS02

Tot Ion:	128	Resp:	236990
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	10.8	8.6	12.8

Manual Integrations
APPROVED

apatel
6/26/2018 11:59:44 AM



#96

1,2,3-Trichlorobenzene

Concen: 23.12 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024842.D

Acq: 22 Jun 2018 19:26

Tgt Ion:	180	Resp:	73846
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.9	143.7
145	30.8	15.4	46.1

