

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024803.D
 Acq On : 21 Jun 2018 12:00
 Operator : MD/SY
 Sample : VU0621WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Manual Integrations
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 6/22/2018 4:02:00 PM

Quant Time: Jun 21 15:35:00 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	172947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	263981	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146037	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	128531	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	4.89	113	102361	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	7.57	98	367278	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
62) 4-Bromofluorobenzene	10.31	95	146923	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	38086	17.59	ug/l	100
3) Chloromethane	1.33	50	41280	18.67	ug/l	98
4) Vinyl Chloride	1.40	62	42992	18.85	ug/l	97
5) Bromomethane	1.63	94	28547	25.89	ug/l	100
6) Chloroethane	1.70	64	28086	21.44	ug/l	99
7) Trichlorofluoromethane	1.89	101	73284	21.05	ug/l	96
8) Diethyl Ether	2.10	74	27337	22.03	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41744	19.33	ug/l	95
10) Methyl Iodide	2.41	142	36608	23.20	ug/l	96
11) Tert butyl alcohol	2.82	59	60566	88.20	ug/l	98
12) 1,1-Dichloroethene	2.29	96	38215	19.41	ug/l	92
13) Acrolein	2.19	56	57098	158.35	ug/l	100
14) Allyl chloride	2.60	41	66617	18.22	ug/l	96
15) Acrylonitrile	2.94	53	132510	99.18	ug/l	98
16) Acetone	2.32	43	138391	91.23	ug/l	98
17) Carbon Disulfide	2.48	76	113790	18.05	ug/l	100
18) Methyl Acetate	2.62	43	68837	21.17	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	149224	20.16	ug/l	98
20) Methylene Chloride	2.71	84	46717	19.63	ug/l	92
21) trans-1,2-Dichloroethene	2.99	96	41493	19.13	ug/l	96
22) Diisopropyl ether	3.57	45	148371	20.47	ug/l	94
23) Vinyl Acetate	3.53	43	646695	99.60	ug/l	99
24) 1,1-Dichloroethane	3.45	63	82780	19.85	ug/l	99
25) 2-Butanone	4.26	43	198083	97.21	ug/l	96
26) 2,2-Dichloropropane	4.23	77	76208	19.25	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	50318	20.18	ug/l	98
28) Bromochloromethane	4.55	49	32256	17.56	ug/l	87
29) Tetrahydrofuran	4.63	42	119695	94.86	ug/l	96
30) Chloroform	4.68	83	87960	20.84	ug/l	97
31) Cyclohexane	5.00	56	79893	20.41	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	77155	19.77	ug/l	97
36) 1,1-Dichloropropene	5.14	75	60325	19.45	ug/l	96
37) Ethyl Acetate	4.38	43	70780	20.93	ug/l	96
38) Carbon Tetrachloride	5.14	117	68883	20.19	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	80533	20.80	ug/l	94
40) Benzene	5.39	78	183300	20.74	ug/l	98
41) Methacrylonitrile	4.54	41	39832	21.85	ug/l	97
42) 1,2-Dichloroethane	5.41	62	72743	21.61	ug/l	99
43) Isopropyl Acetate	5.55	43	118208	20.23	ug/l	98
44) Trichloroethene	6.19	130	51653	20.53	ug/l	95
45) 1,2-Dichloropropane	6.44	63	49832	21.13	ug/l	98
46) Dibromomethane	6.56	93	36121	21.80	ug/l	95
47) Bromodichloromethane	6.76	83	67562	20.48	ug/l	97
48) Methyl methacrylate	6.62	41	61011	21.44	ug/l	98
49) 1,4-Dioxane	6.62	88	26489	475.98	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	374900	102.11	ug/l	98
52) Toluene	7.64	92	118771	20.89	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	75081	20.27	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	78242	19.82	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	48484	20.97	ug/l	98
56) Ethyl methacrylate	8.02	69	79528	20.56	ug/l	98
57) 1,3-Dichloropropane	8.25	76	83443	21.40	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	127838	86.25	ug/l	95
59) 2-Hexanone	8.36	43	298483	99.58	ug/l	100
60) Dibromochloromethane	8.48	129	55737	19.34	ug/l	99
61) 1,2-Dibromoethane	8.59	107	54638	21.24	ug/l	100
64) Tetrachloroethene	8.23	164	46292	19.98	ug/l	98
65) Chlorobenzene	9.12	112	135770	21.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50427	21.31	ug/l	98
67) Ethyl Benzene	9.25	91	234292	21.46	ug/l	99
68) m/p-Xylenes	9.38	106	183772	43.84	ug/l	95
69) o-Xylene	9.78	106	88457	21.32	ug/l	100
70) Styrene	9.80	104	145220	21.30	ug/l	99
71) Bromoform	9.96	173	43963	19.55	ug/l #	100
73) Isopropylbenzene	10.17	105	243212	21.69	ug/l	99
74) N-amyl acetate	10.01	43	107795	20.21	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	79927	21.27	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	68556m	21.32	ug/l	
77) Bromobenzene	10.45	156	60020	21.14	ug/l	95
78) n-propylbenzene	10.59	91	273739	20.73	ug/l	97
79) 2-Chlorotoluene	10.66	91	164694	21.14	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	207839	21.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	25556m	18.40	ug/l	
82) 4-Chlorotoluene	10.78	91	190271	20.99	ug/l	100
83) tert-Butylbenzene	11.10	119	206352	22.07	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	210681	21.27	ug/l	98
85) sec-Butylbenzene	11.33	105	247810	21.18	ug/l	98
86) p-Isopropyltoluene	11.48	119	221073	21.10	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	110314	21.04	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	111688	21.16	ug/l	99
89) n-Butylbenzene	11.89	91	186415	20.04	ug/l	98
90) Hexachloroethane	12.15	117	39032	19.09	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	113643	21.64	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21655	20.89	ug/l	96

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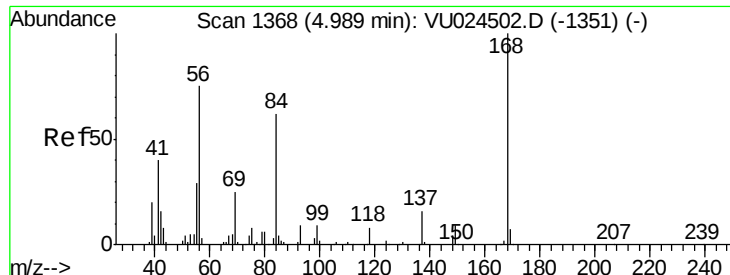
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	77439	23.87	ug/l	100
94) Hexachlorobutadiene	13.70	225	40628	22.25	ug/l	99
95) Naphthalene	13.75	128	261185	24.67	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	83805	25.93	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: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

Tot Ion:168 Resp: 172947

Ion Ratio Lower Upper

168 100

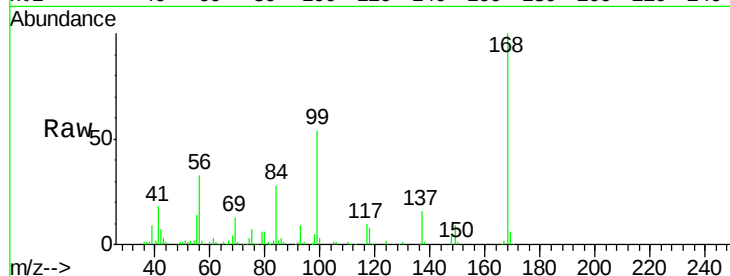
99 53.1 43.2 64.8

Manual Integrations

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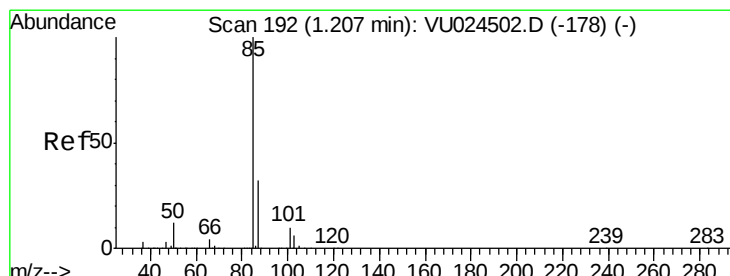
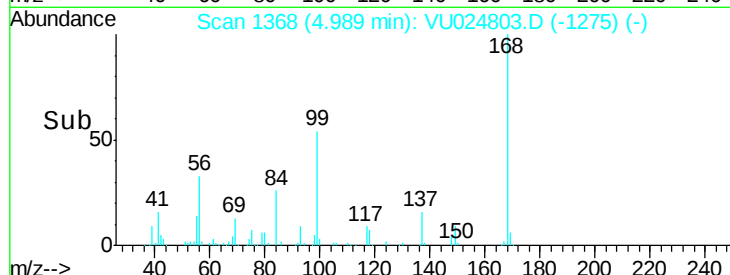
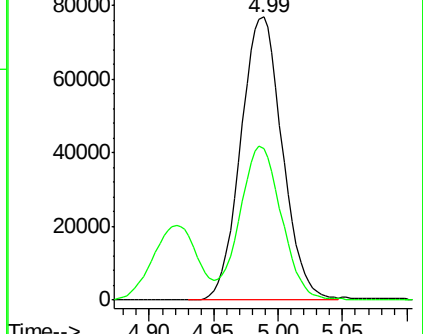
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 17.59 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024803.D

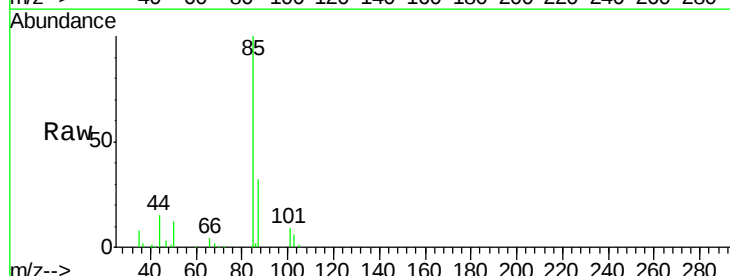
Acq: 21 Jun 2018 12:00

Tgt Ion: 85 Resp: 38086

Ion Ratio Lower Upper

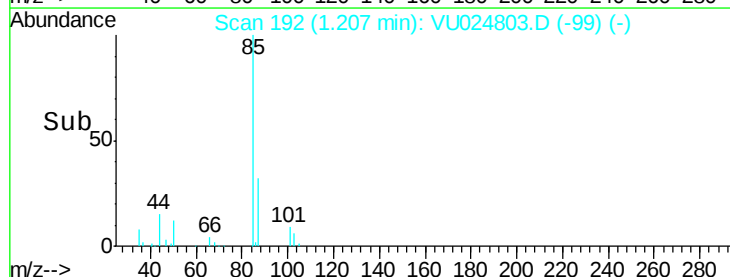
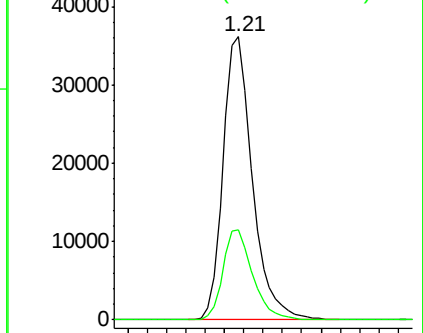
85 100

87 32.0 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) (-)





#3

Chloromethane

Concen: 18.67 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

Tot Ion: 50 Resp: 41280

Ion Ratio Lower Upper

50 100

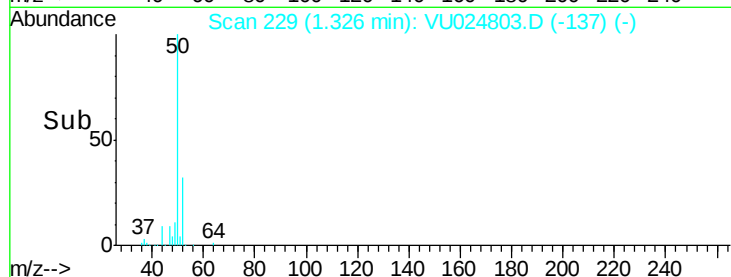
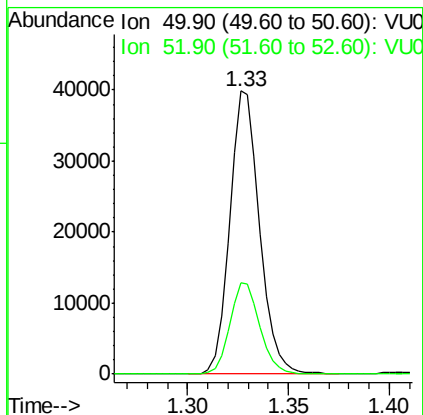
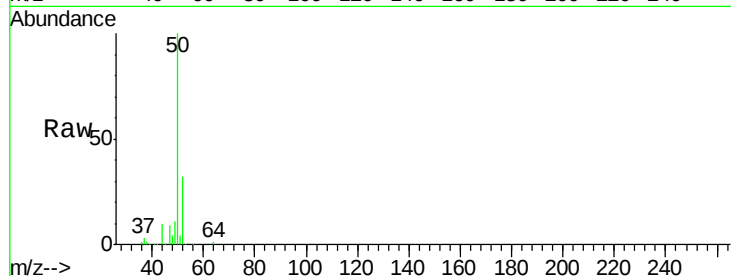
52 32.1 26.4 39.6

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#4

Vinyl Chloride

Concen: 18.85 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024803.D

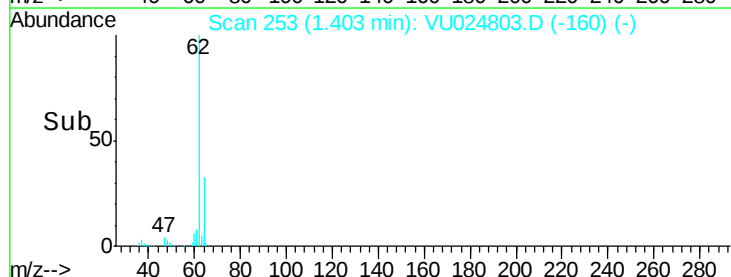
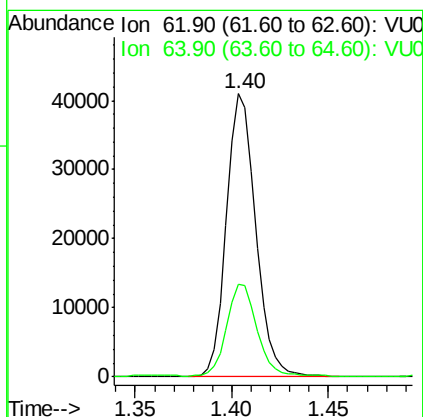
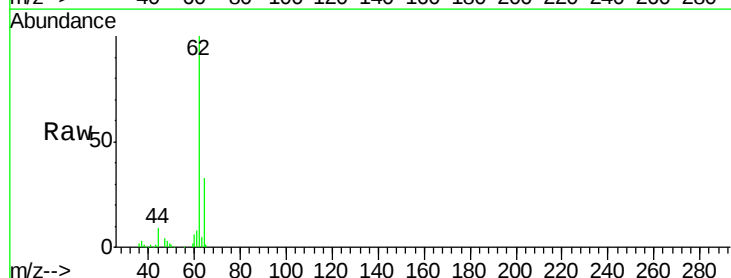
Acq: 21 Jun 2018 12:00

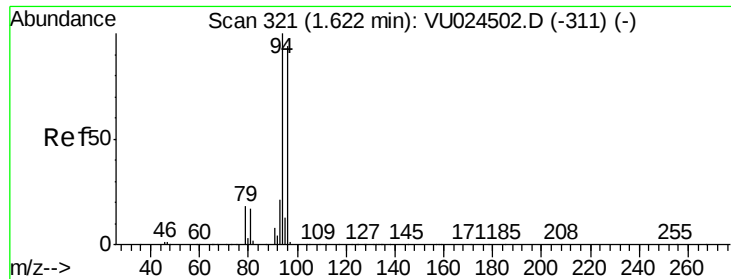
Tgt Ion: 62 Resp: 42992

Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2





#5

Bromomethane

Concen: 25.89 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

Tot Ion: 94 Resp: 28547

Ion Ratio Lower Upper

94 100

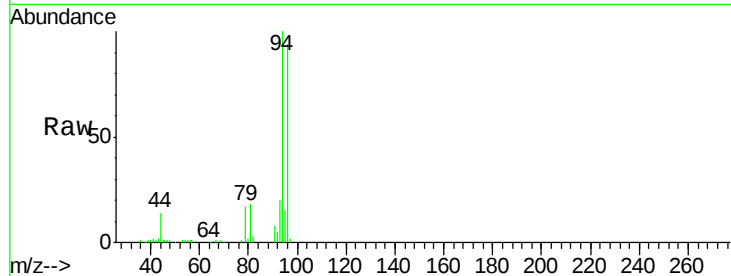
96 93.1 74.5 111.7

Manual Integrations

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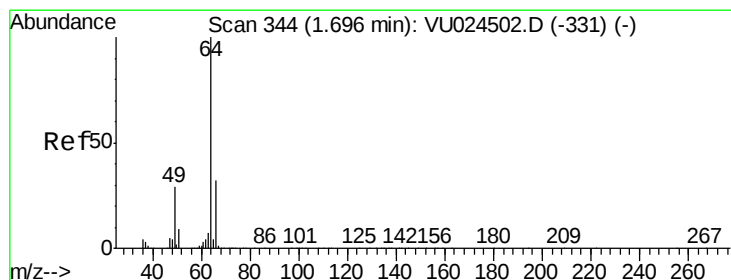
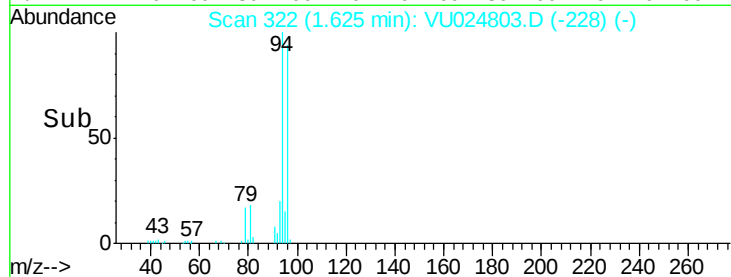
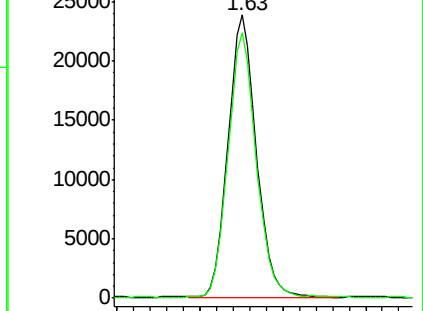
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 21.44 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024803.D

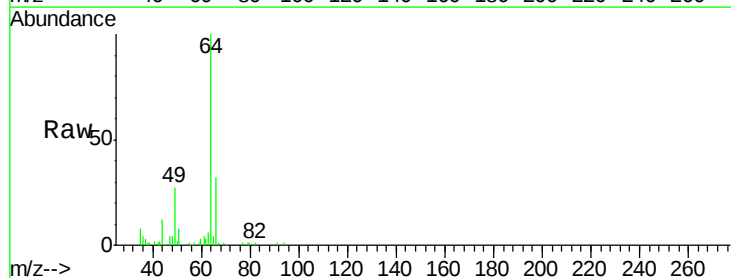
Acq: 21 Jun 2018 12:00

Tgt Ion: 64 Resp: 28086

Ion Ratio Lower Upper

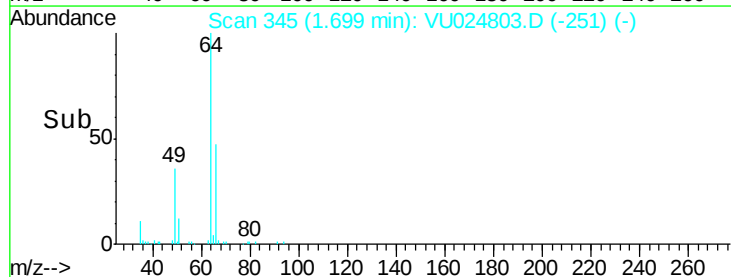
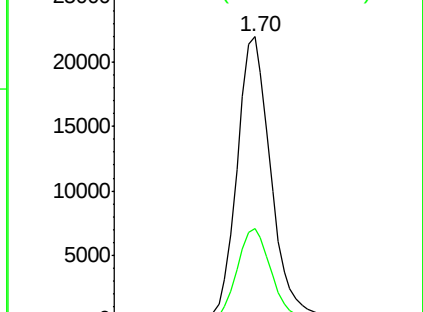
64 100

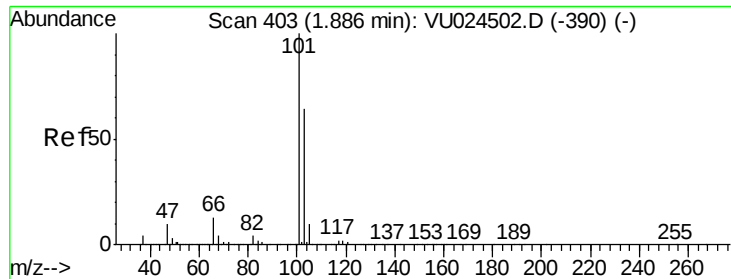
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 21.05 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

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Tot Ion:101 Resp: 73284

Ion Ratio Lower Upper

101 100

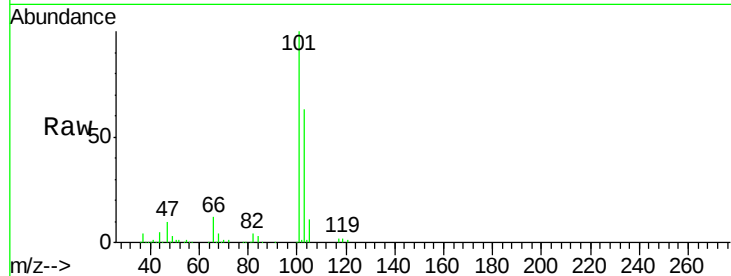
103 62.6 52.3 78.5

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.89

60000

50000

40000

30000

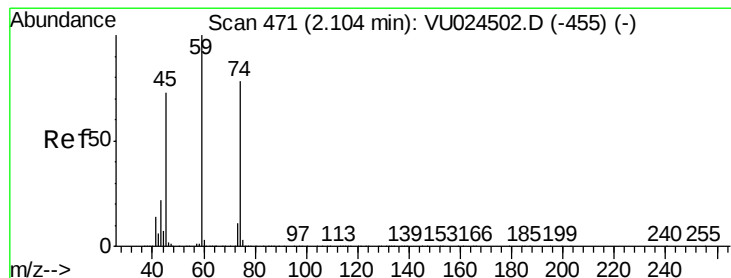
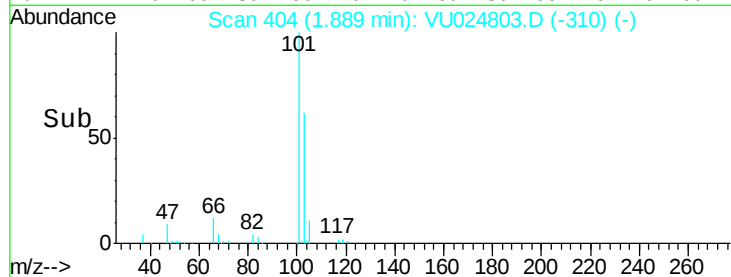
20000

10000

0

1.85 1.90 1.95

Time-->



#8

Diethyl Ether

Concen: 22.03 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024803.D

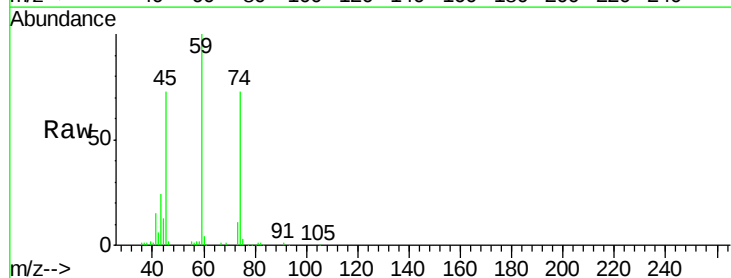
Acq: 21 Jun 2018 12:00

Tgt Ion: 74 Resp: 27337

Ion Ratio Lower Upper

74 100

45 98.0 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

2.10

20000

15000

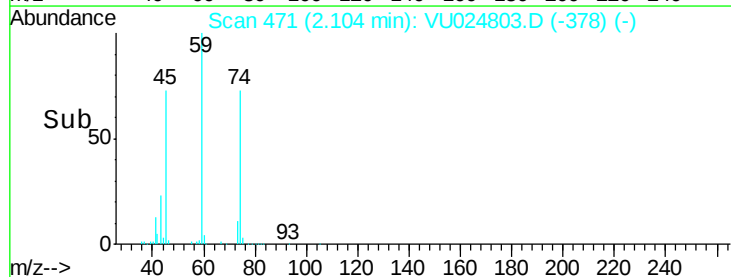
10000

5000

0

2.05 2.10 2.15

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.33 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

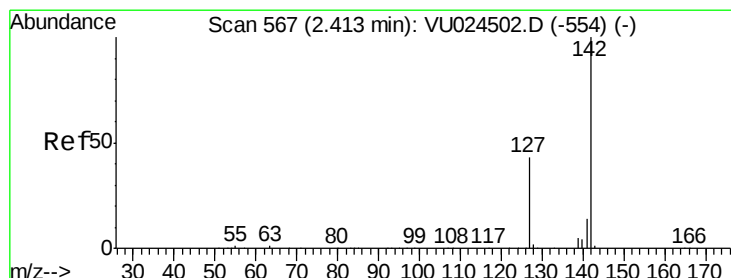
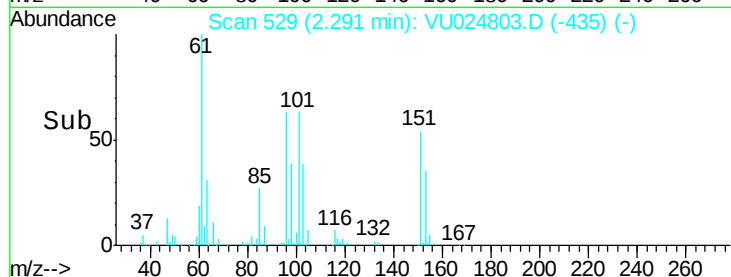
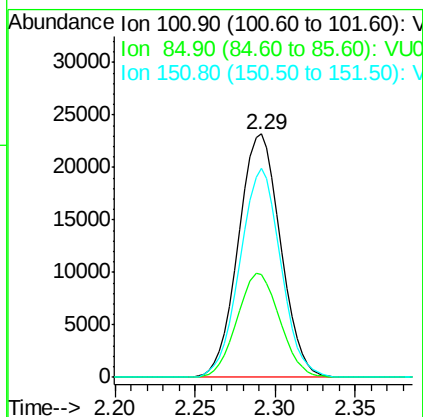
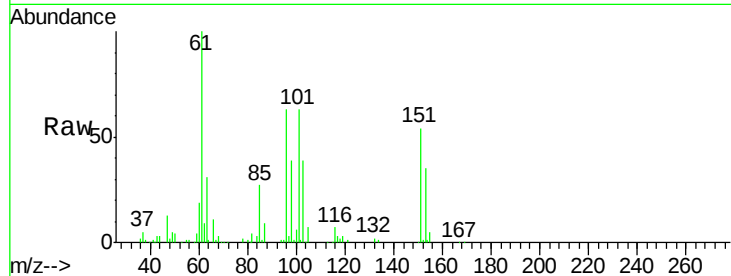
ClientSampleId :

VU0621WBSD01

Tot Ion:	101	Resp:	41744
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.0	54.0
151	83.1	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 23.20 ug/l

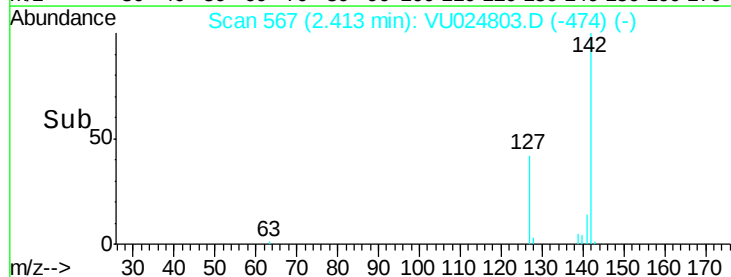
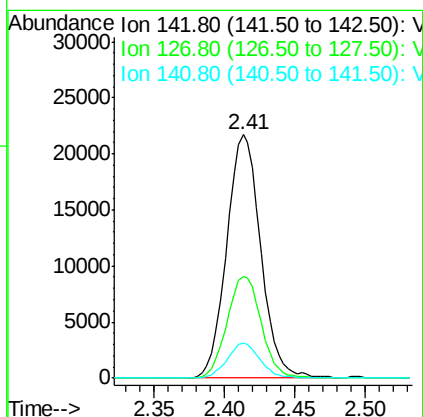
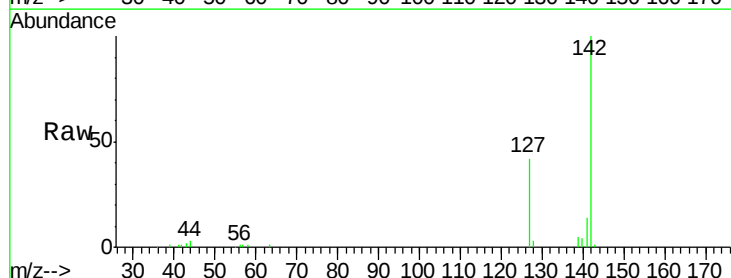
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion:	142	Resp:	36608
Ion Ratio	Lower	Upper	
142	100		
127	41.9	35.6	53.4
141	13.7	11.7	17.5





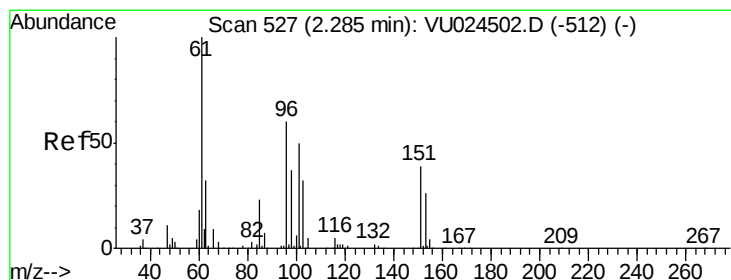
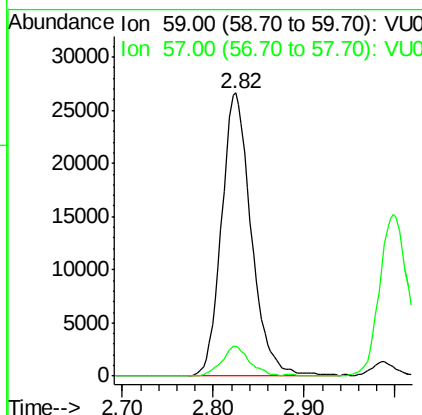
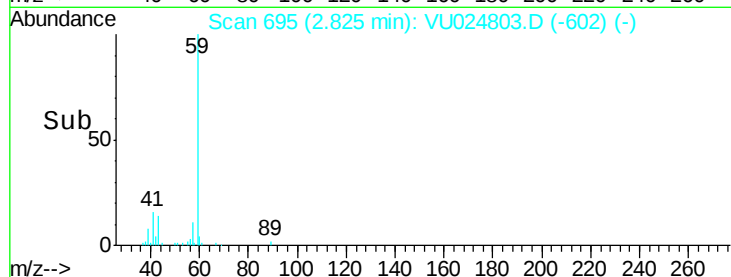
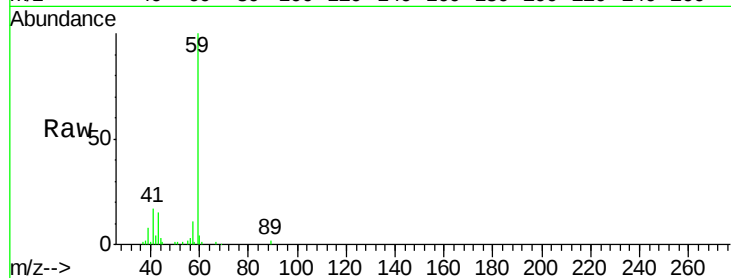
#11
Tert butyl alcohol
Concen: 88.20 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

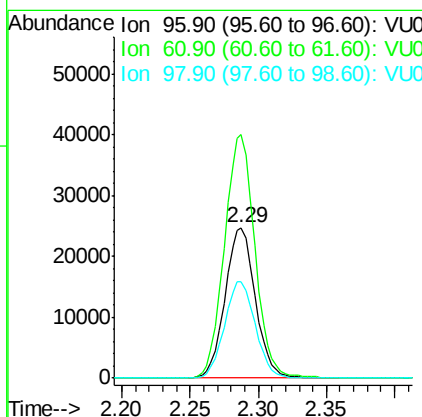
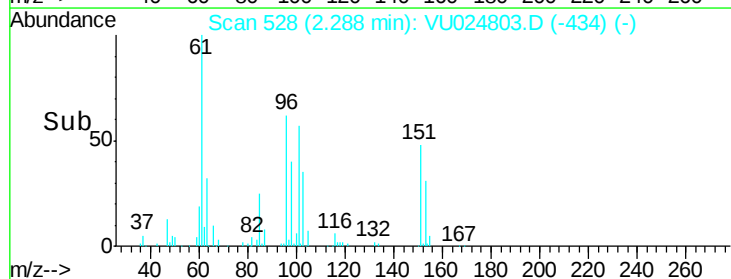
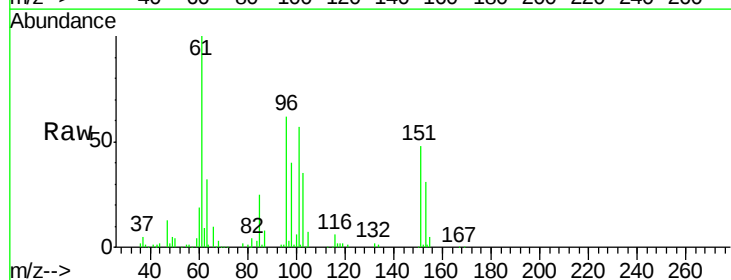
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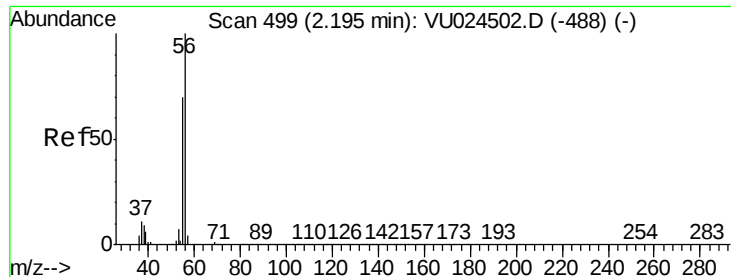
apatel
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#12
1,1-Dichloroethene
Concen: 19.41 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	141.7	212.5
98	64.0	51.6	77.4





#13

Acrolein

Concen: 158.35 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

Tot Ion: 56 Resp: 57098

Ion Ratio Lower Upper

56 100

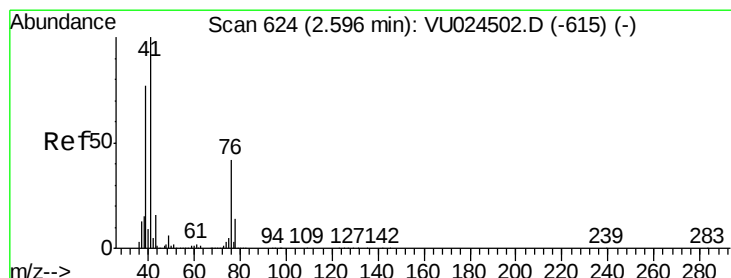
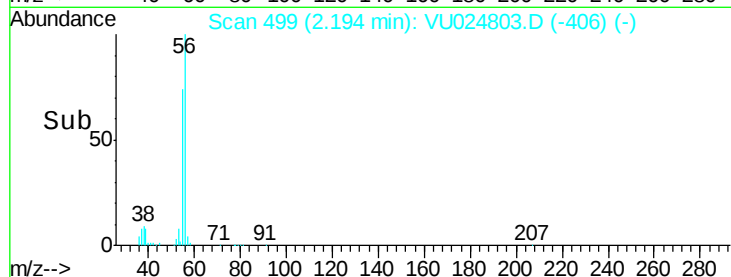
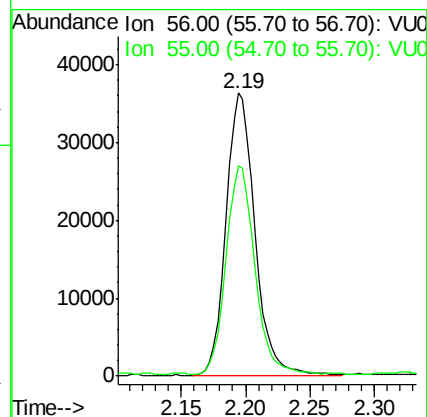
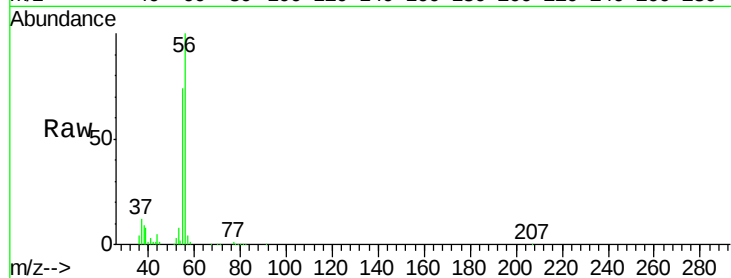
55 72.7 58.4 87.6

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#14

Allyl chloride

Concen: 18.22 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

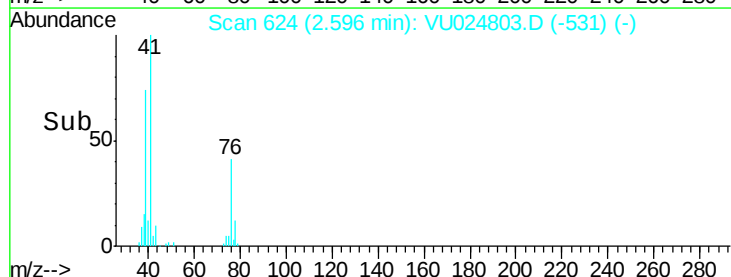
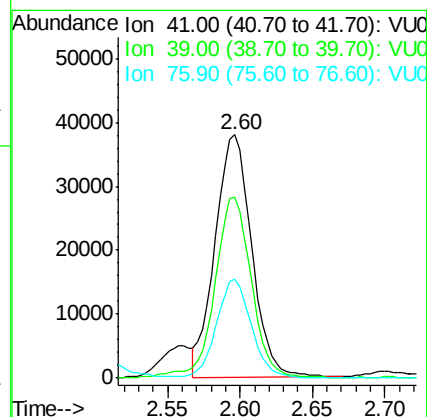
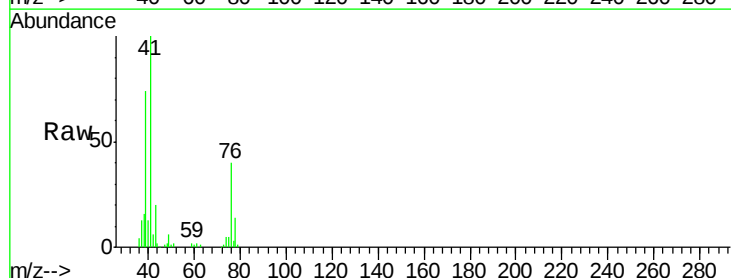
Tgt Ion: 41 Resp: 66617

Ion Ratio Lower Upper

41 100

39 72.8 61.6 92.4

76 38.8 29.7 44.5





#15

Acrylonitrile

Concen: 99.18 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

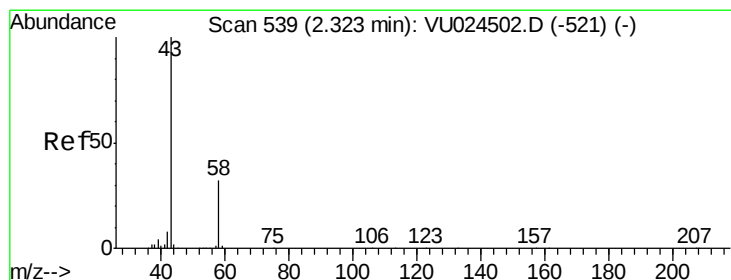
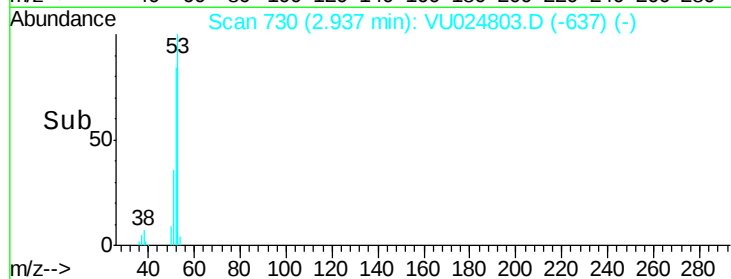
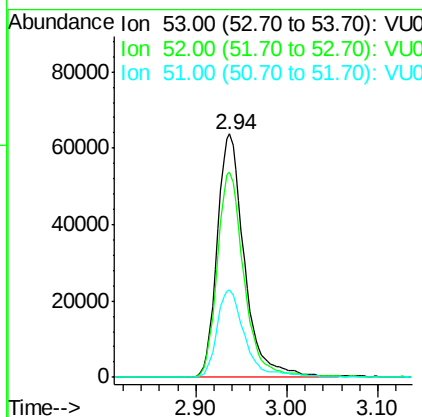
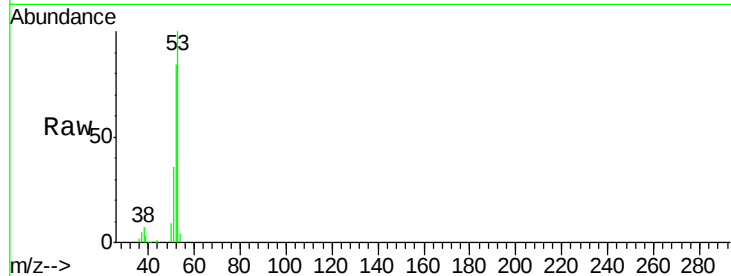
ClientSampleId :

VU0621WBSD01

Tot Ion:	53	Resp:	132510
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.1	100.7
51	37.0	28.4	42.6

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#16

Acetone

Concen: 91.23 ug/l

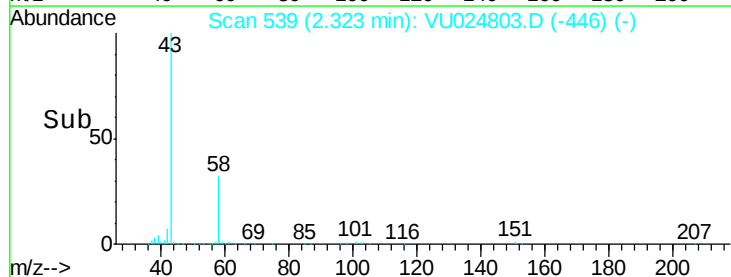
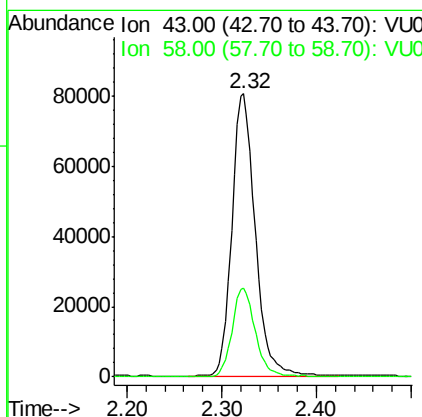
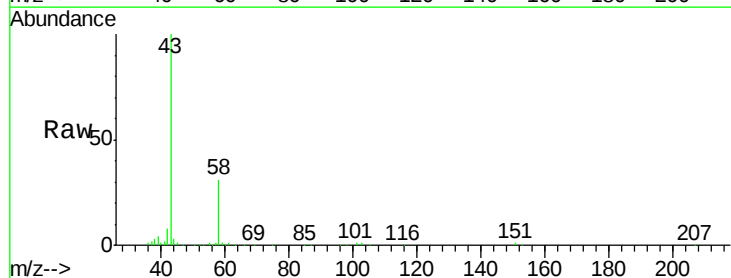
RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion:	43	Resp:	138391
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.4	36.6





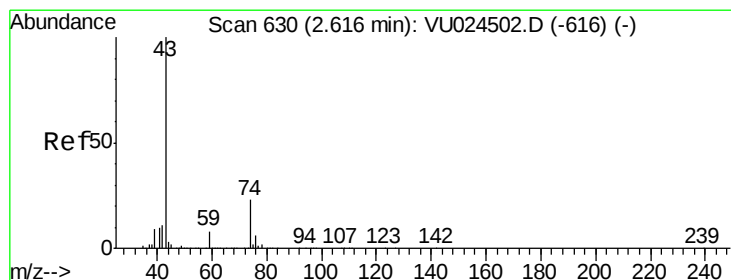
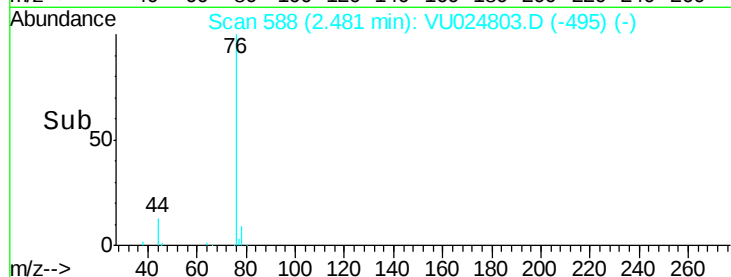
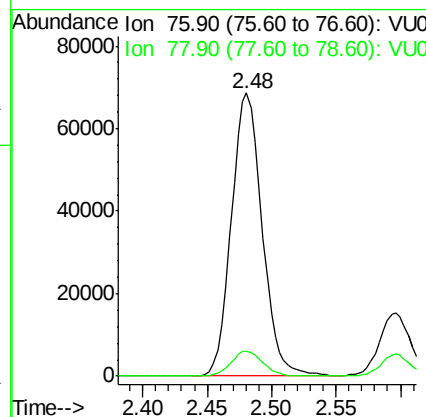
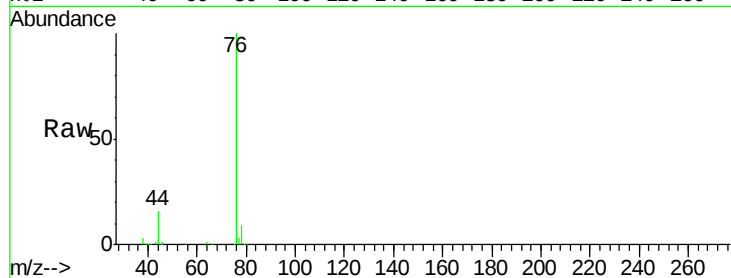
#17
Carbon Disulfide
Concen: 18.05 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

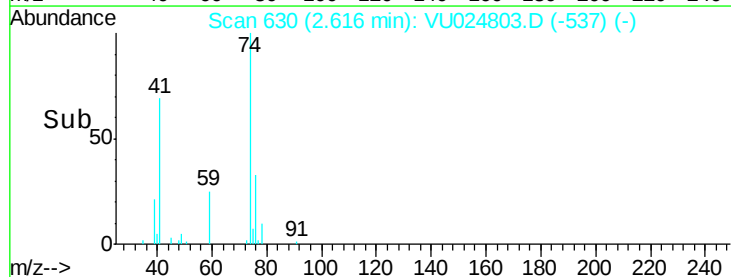
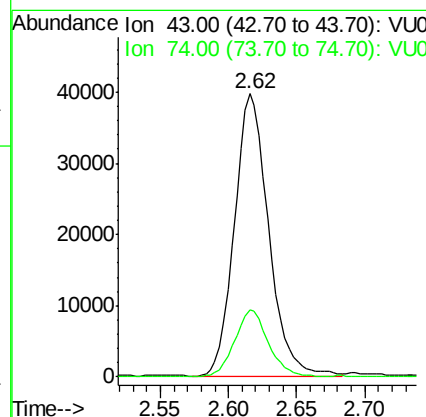
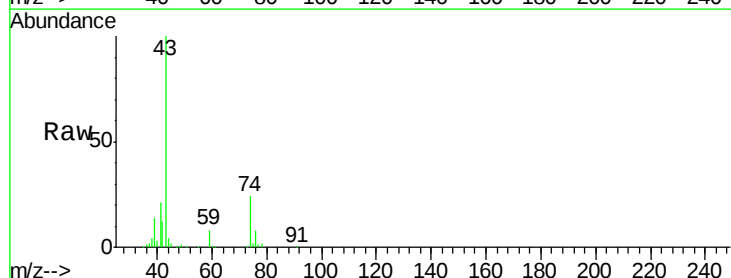
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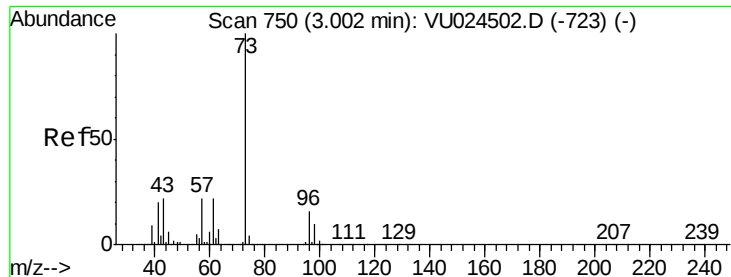
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#18
Methyl Acetate
Concen: 21.17 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.0	27.0





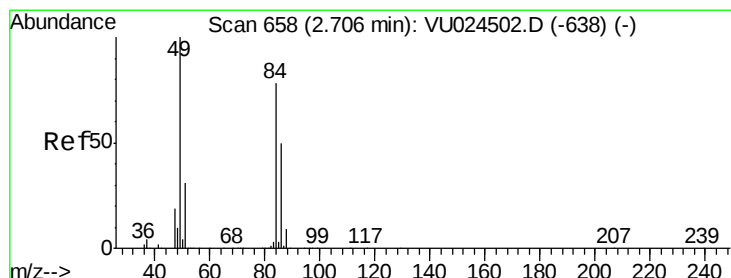
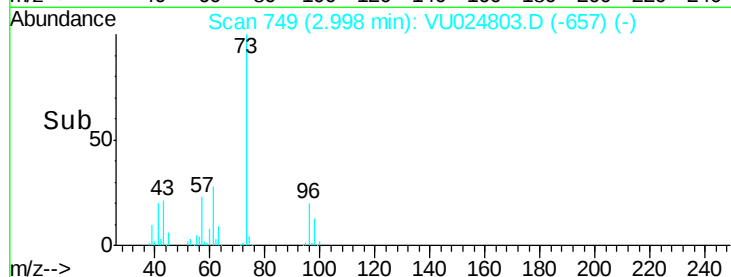
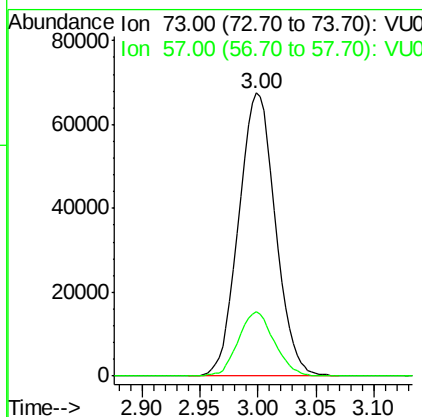
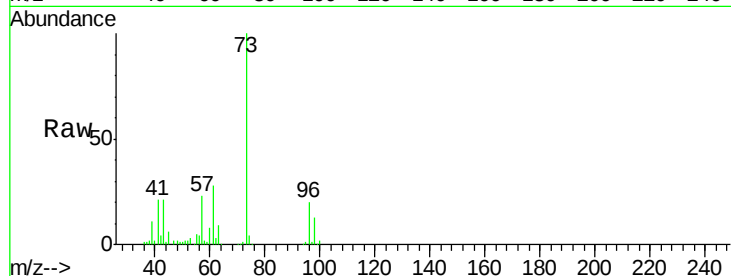
#19
Methvl tert-butvl Ether
Concen: 20.16 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion: 73 Resp: 149224
Ion Ratio Lower Upper
73 100
57 22.6 18.8 28.2

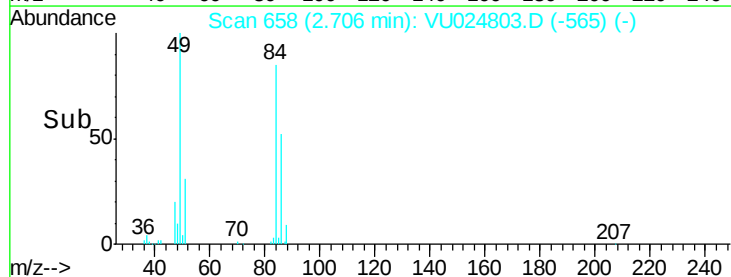
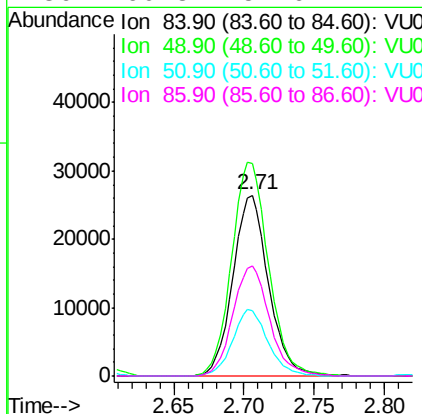
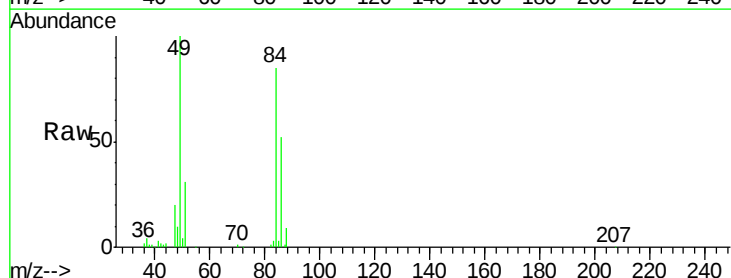
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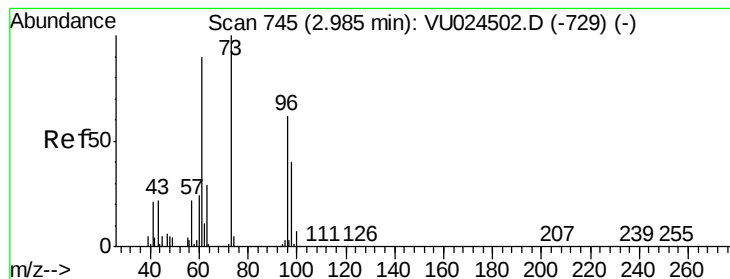
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#20
Methylene Chloride
Concen: 19.63 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 84 Resp: 46717
Ion Ratio Lower Upper
84 100
49 117.5 103.8 155.8
51 35.9 32.0 48.0
86 60.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.13 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

Tot Ion: 96 Resp: 41493

Ion Ratio Lower Upper

96 100

61 142.7 119.4 179.0

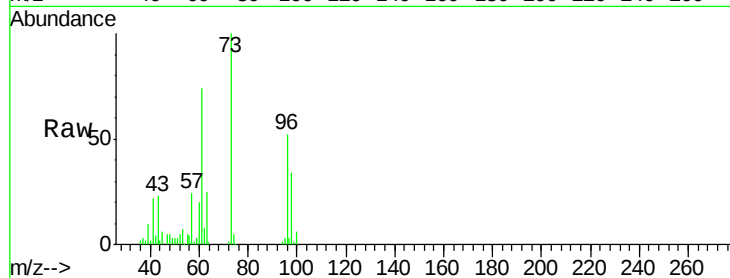
98 66.2 51.1 76.7

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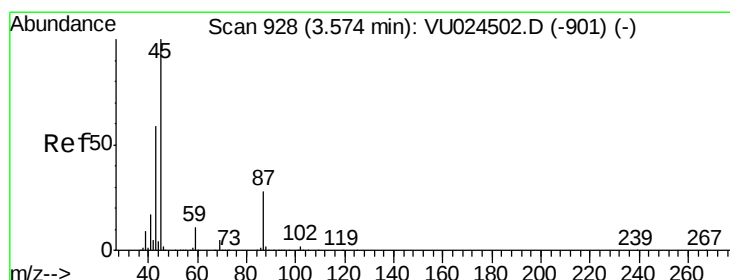
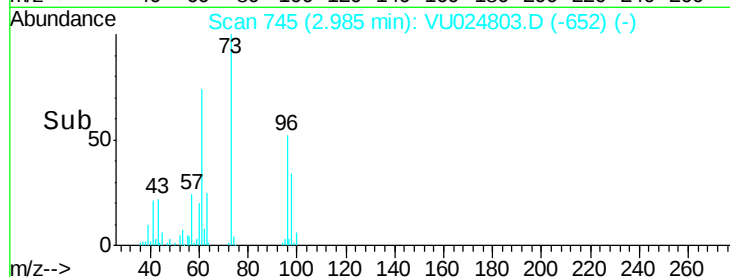
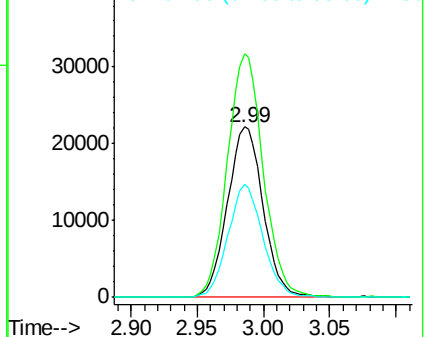


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 20.47 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion: 45 Resp: 148371

Ion Ratio Lower Upper

45 100

43 62.7 45.8 68.6

87 28.6 20.6 31.0

59 11.7 9.4 14.0

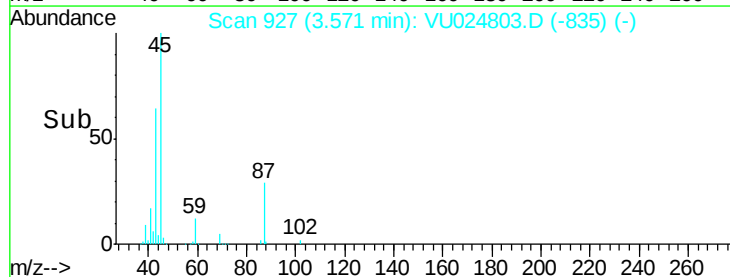
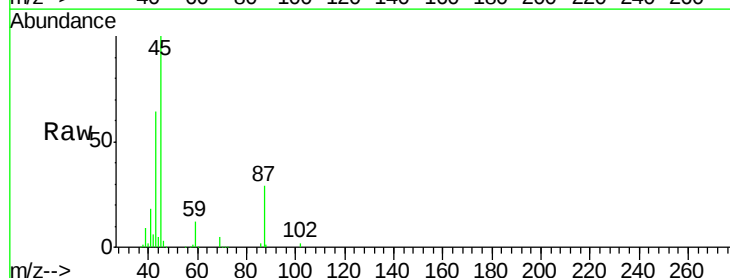
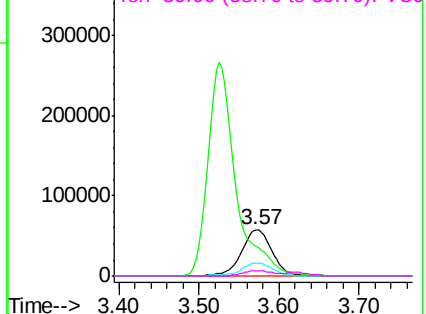
Abundance

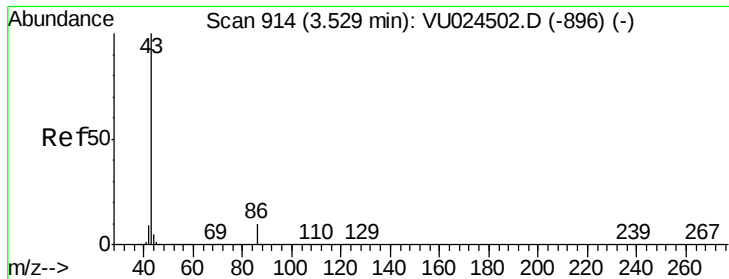
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 99.60 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

Tot Ion: 43 Resp: 646695

Ion Ratio Lower Upper

43 100

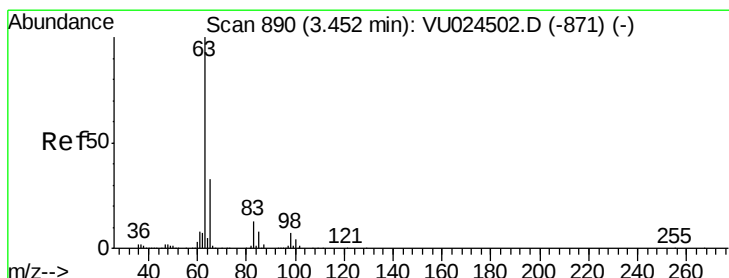
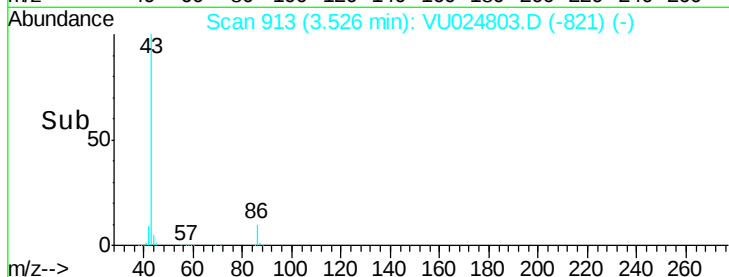
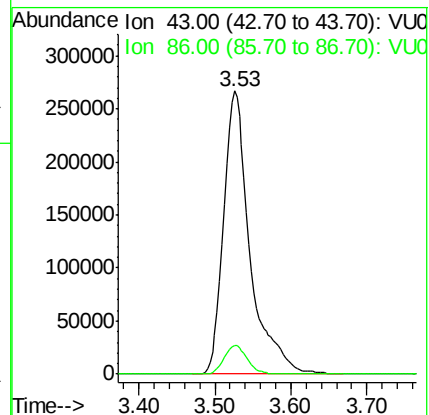
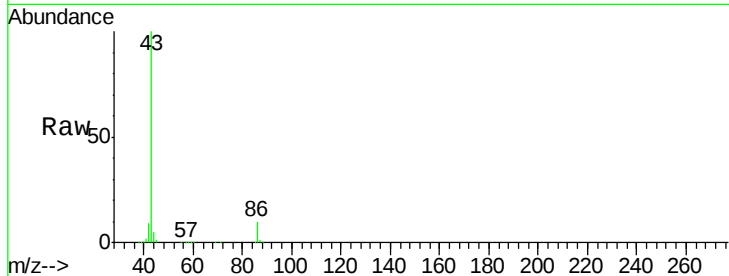
86 10.2 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 19.85 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

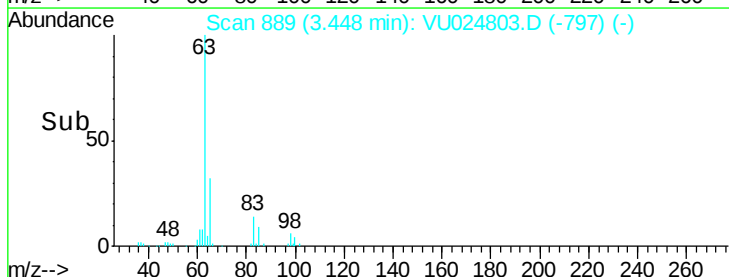
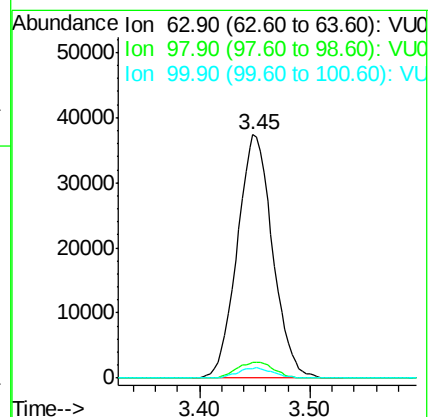
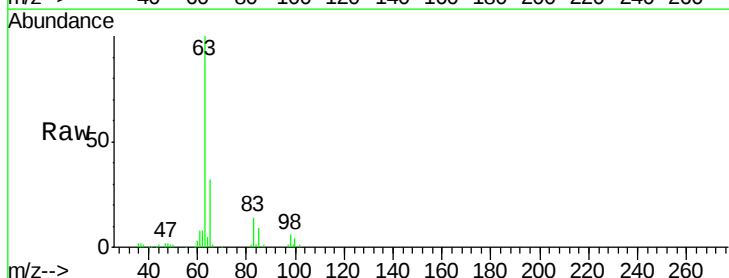
Tgt Ion: 63 Resp: 82780

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.0 1.8 5.5





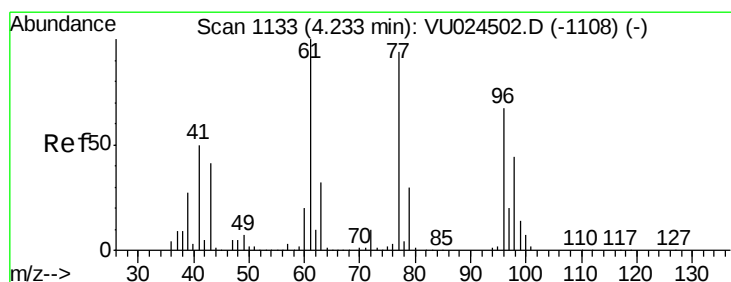
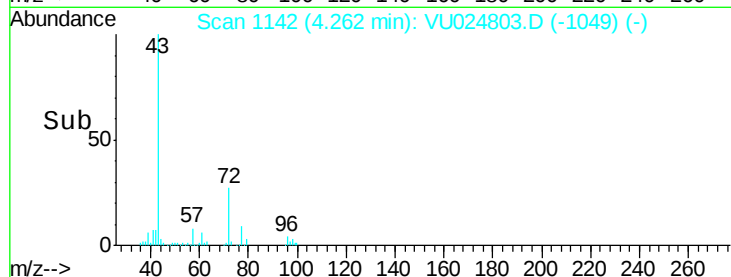
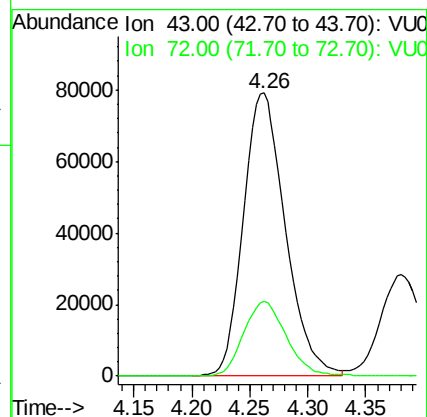
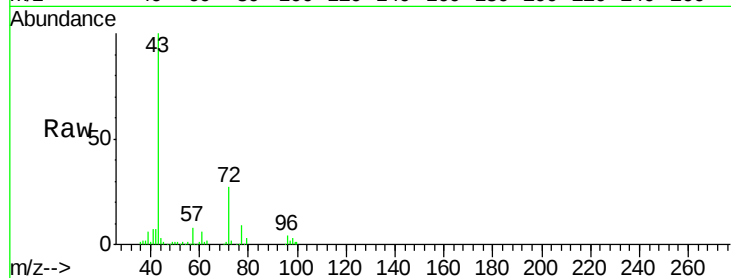
#25
2-Butanone
Concen: 97.21 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion: 43 Resp: 198083
Ion Ratio Lower Upper
43 100
72 26.4 19.6 29.4

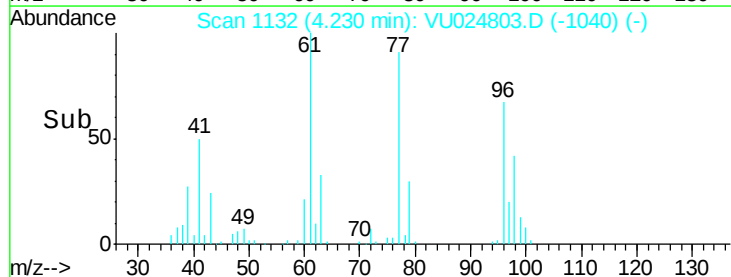
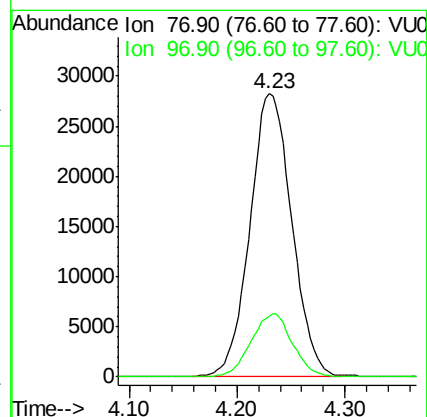
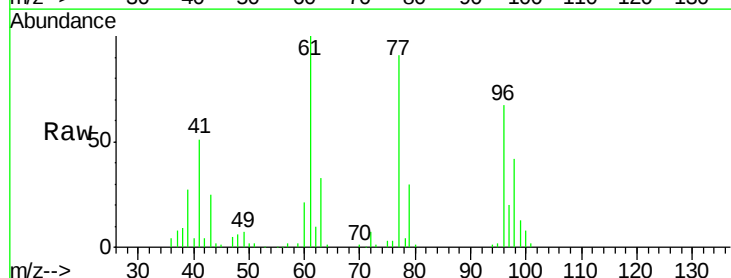
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#26
2,2-Dichloropropane
Concen: 19.25 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 77 Resp: 76208
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.18 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

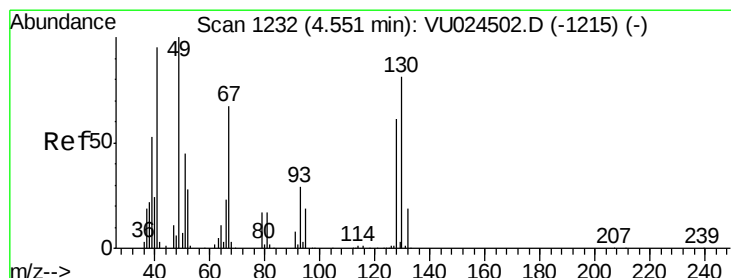
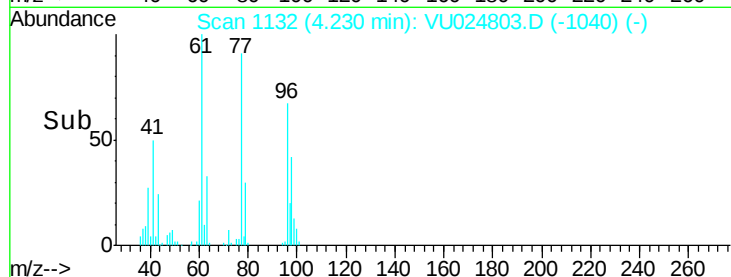
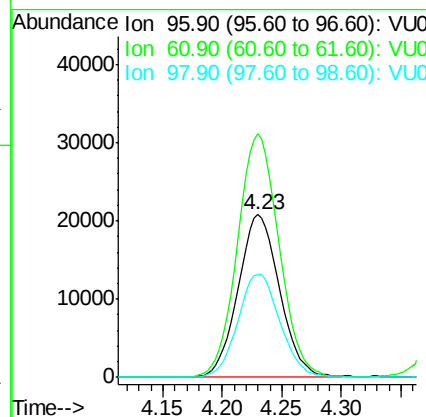
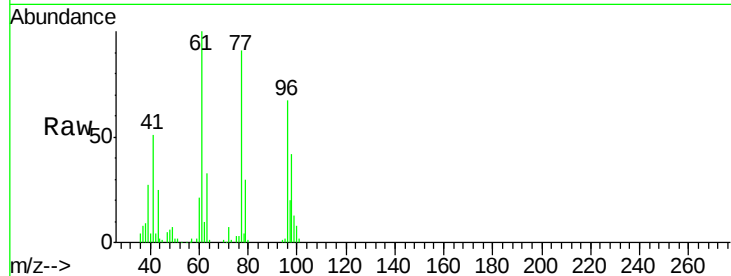
ClientSampleId :

VU0621WBSD01

Tot Ion	96	Resp	50318
Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	306.6
98	64.1	0.0	128.8

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#28

Bromochloromethane

Concen: 17.56 ug/l

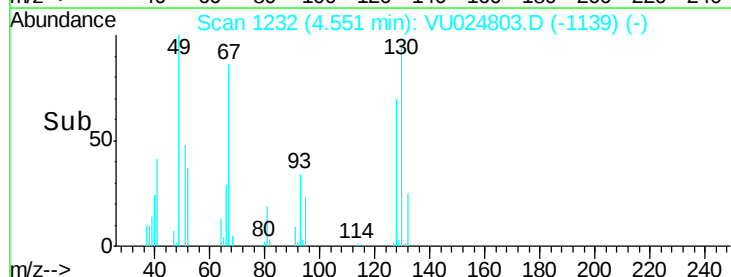
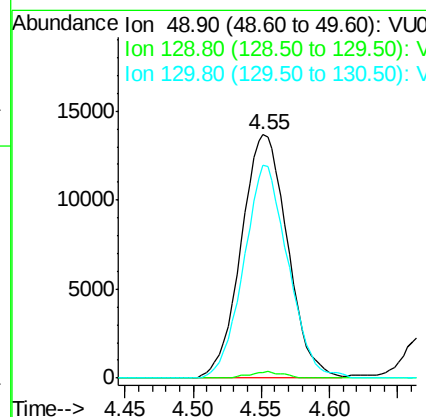
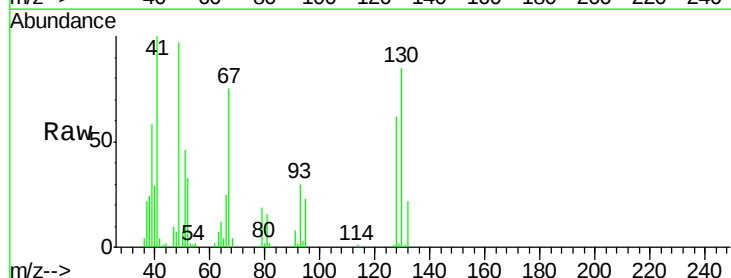
RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion	49	Resp	32256
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	83.6	57.8	86.6





#29

Tetrahydrofuran

Concen: 94.86 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

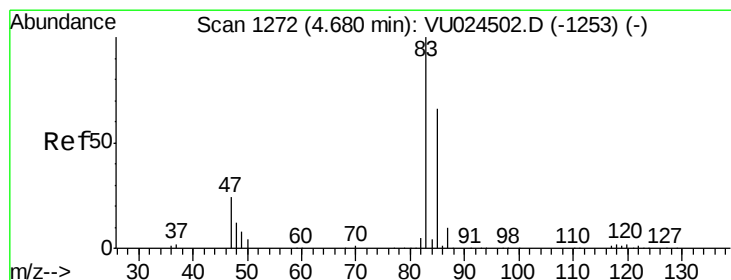
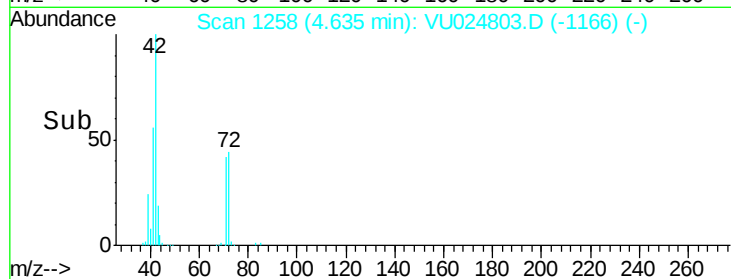
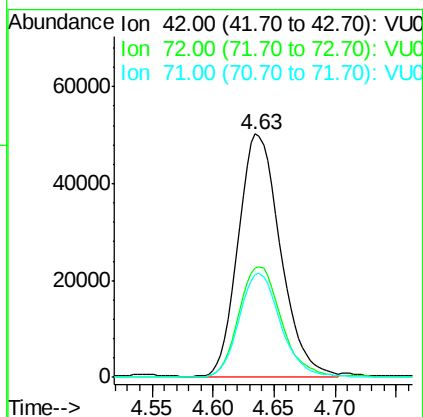
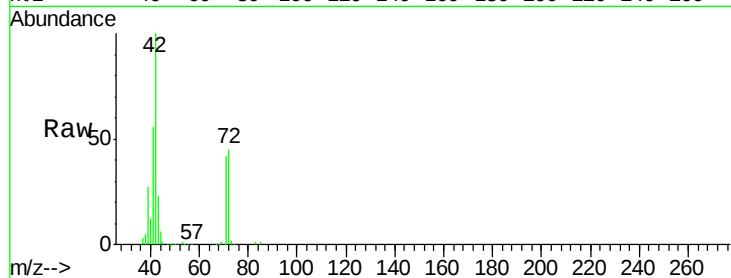
ClientSampleId :

VU0621WBSD01

Tot Ion:	42	Resp:	119695
Ion	Ratio	Lower	Upper
42	100		
72	46.5	34.5	51.7
71	42.5	32.2	48.4

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#30

Chloroform

Concen: 20.84 ug/l

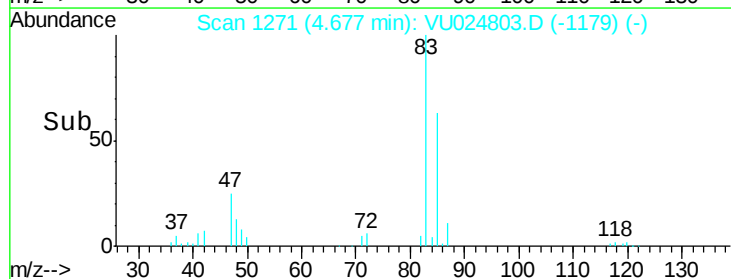
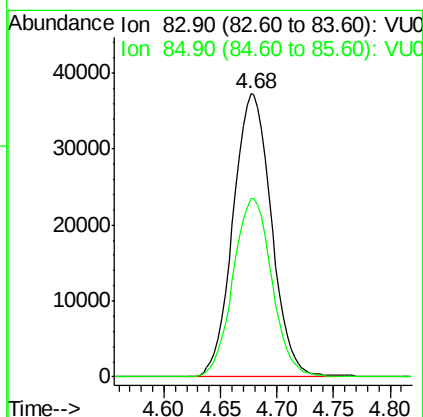
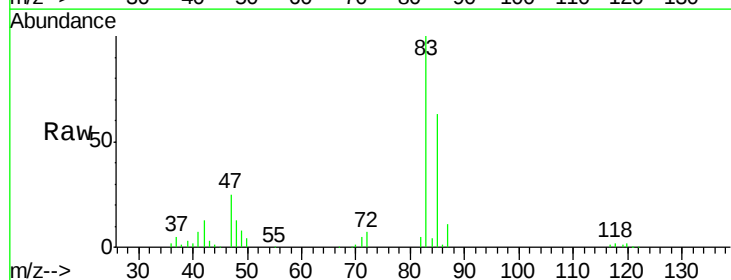
RT: 4.68 min Scan# 1271

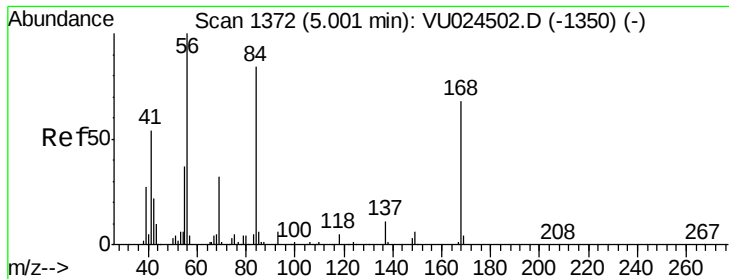
Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion:	83	Resp:	87960
Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.4	78.6





#31

Cyclohexane

Concen: 20.41 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

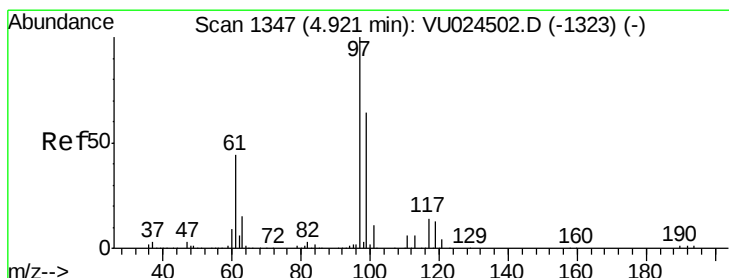
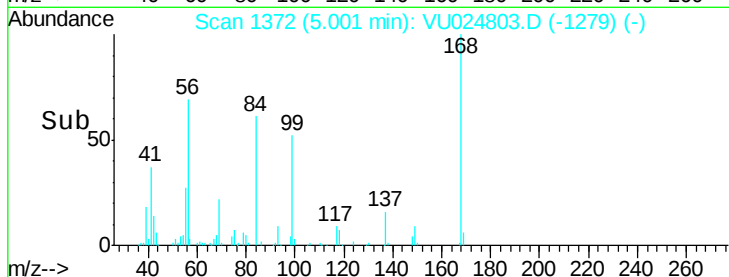
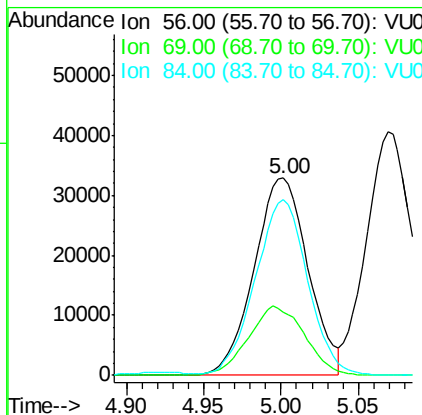
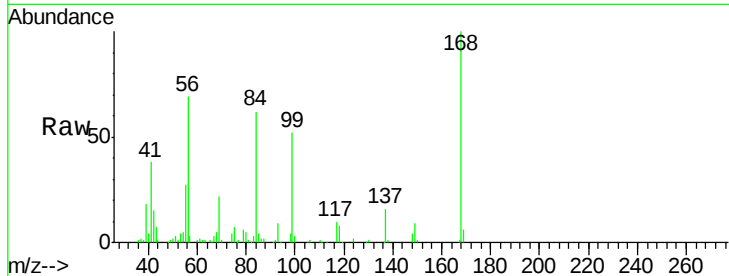
ClientSampleId :

VU0621WBSD01

Tot Ion:	56	Resp:	79893
Ion Ratio	Lower	Upper	
56	100		
69	32.3	24.8	37.2
84	88.3	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 19.77 ug/l

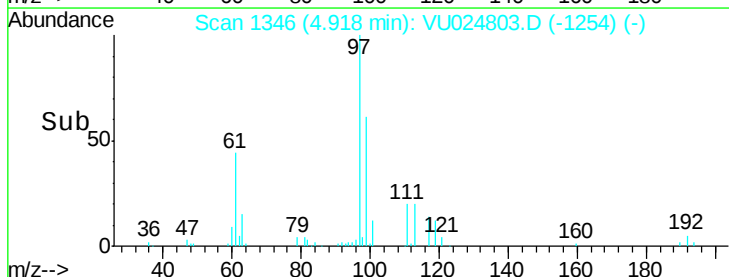
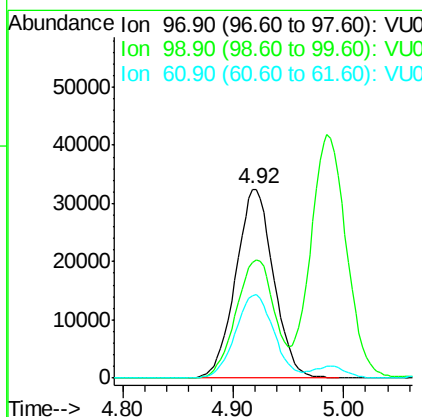
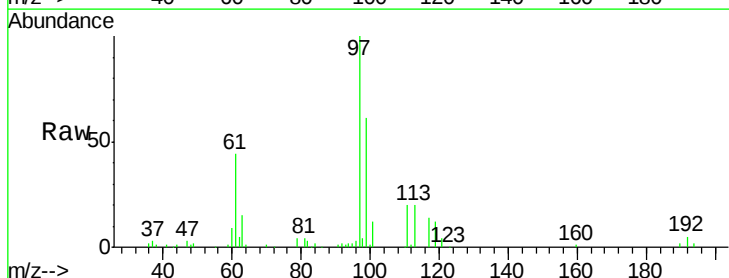
RT: 4.92 min Scan# 1346

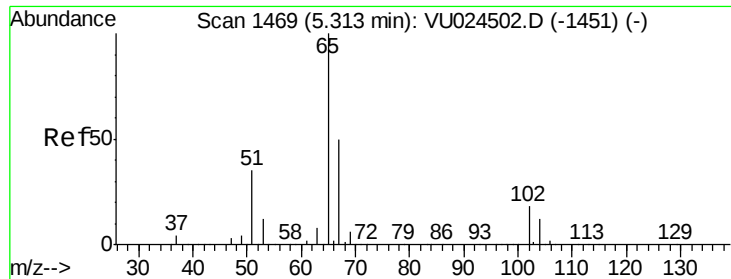
Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion:	97	Resp:	77155
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.0	76.6
61	44.8	39.4	59.0





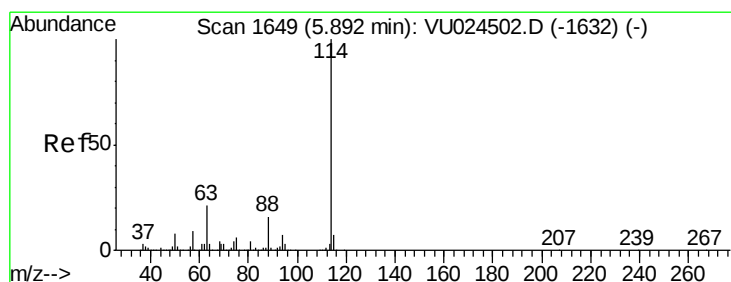
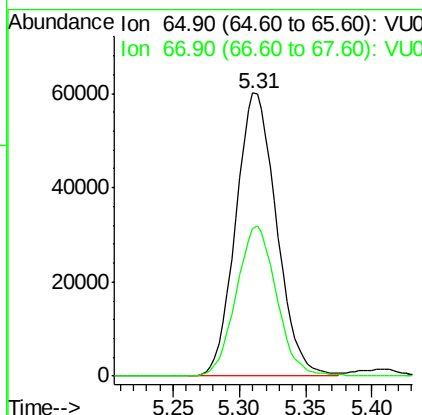
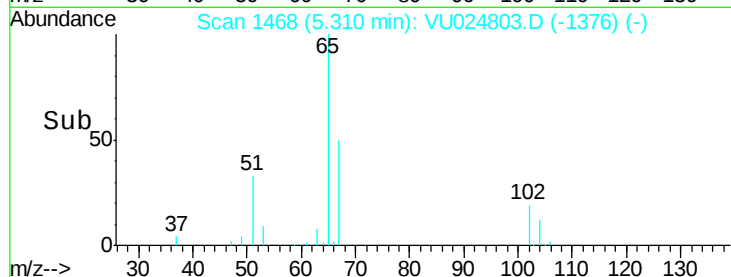
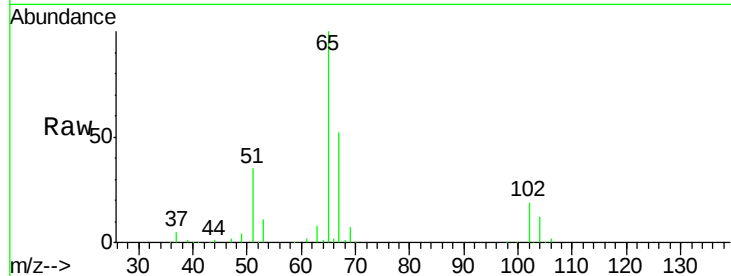
#33
 1,2-Dichloroethane-d4
 Concen: 45.52 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128531		
67	52.3	0.0	107.0	

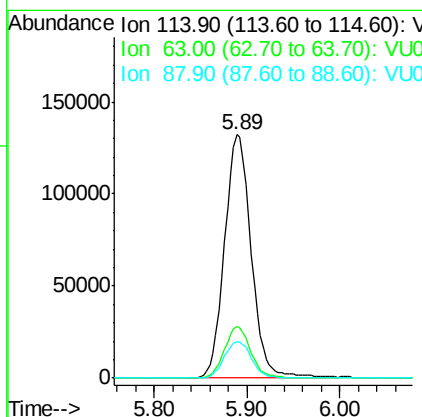
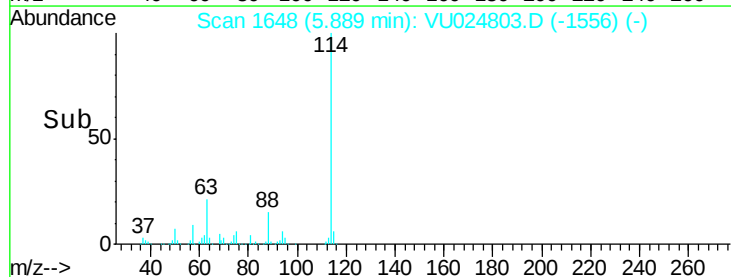
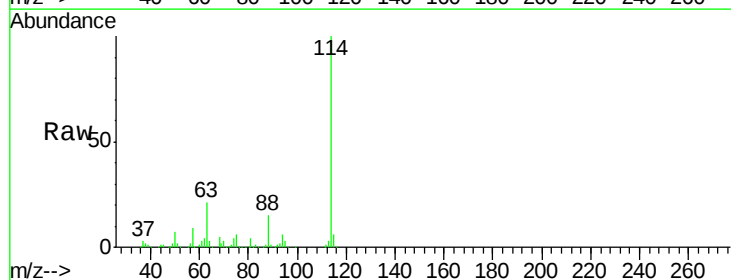
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	263981		
63	21.3	0.0	45.4	
88	15.1	0.0	31.0	





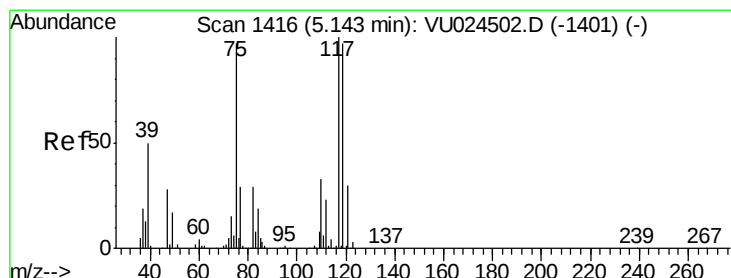
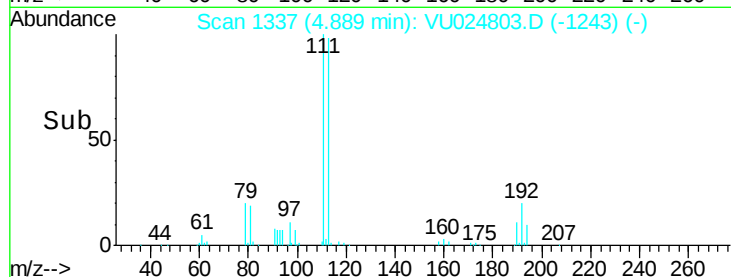
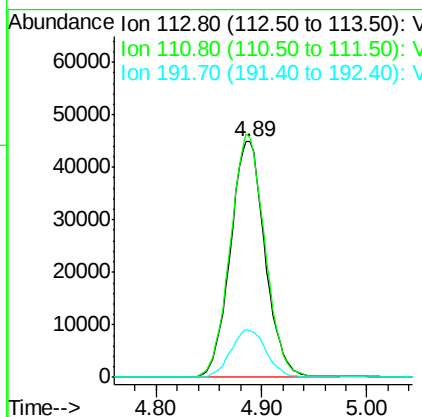
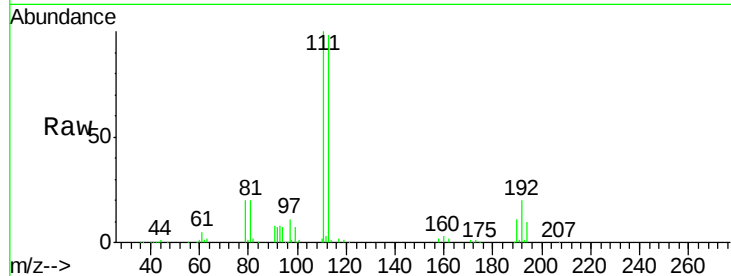
#35
 Dibromofluoromethane
 Concen: 46.72 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102361		
111	102.8	82.2	123.4	
192	20.6	16.2	24.4	

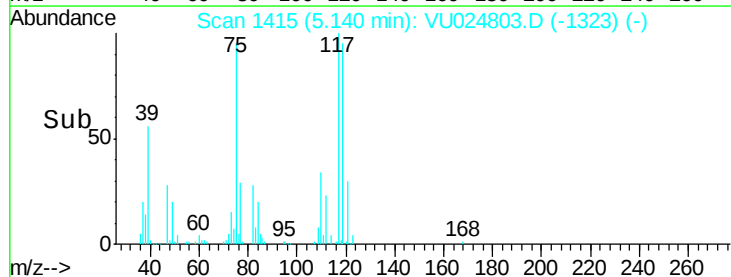
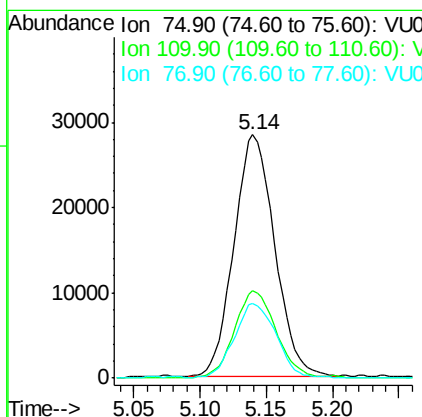
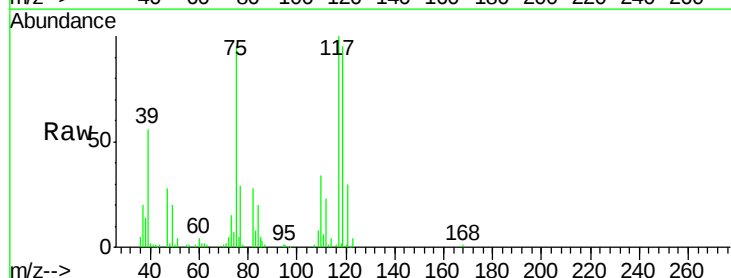
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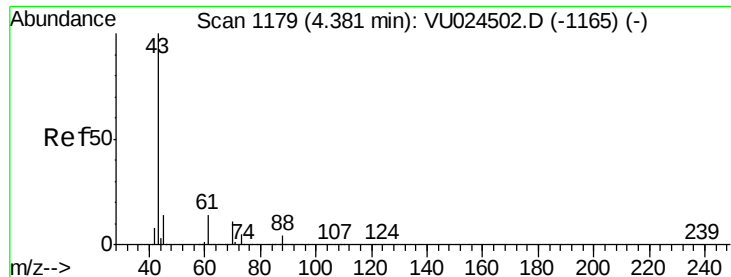
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#36
 1,1-Dichloropropene
 Concen: 19.45 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60325		
110	37.1	17.0	50.9	
77	32.0	24.2	36.4	





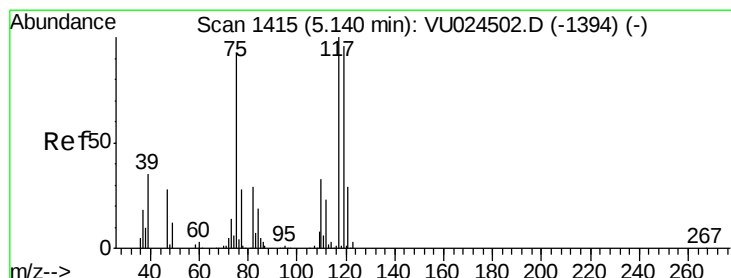
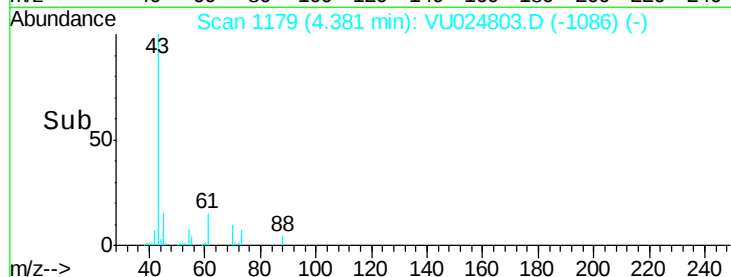
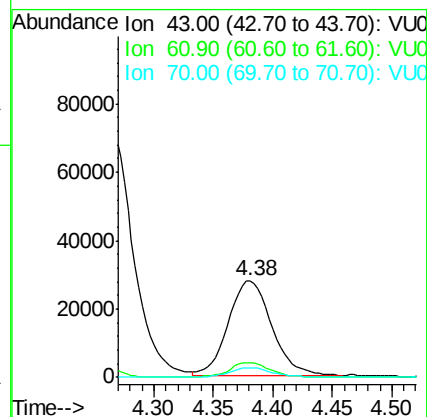
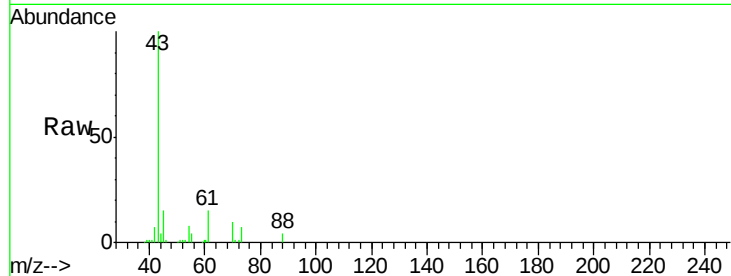
#37
Ethyl Acetate
Concen: 20.93 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.5	15.7
70	10.1	7.4	11.2

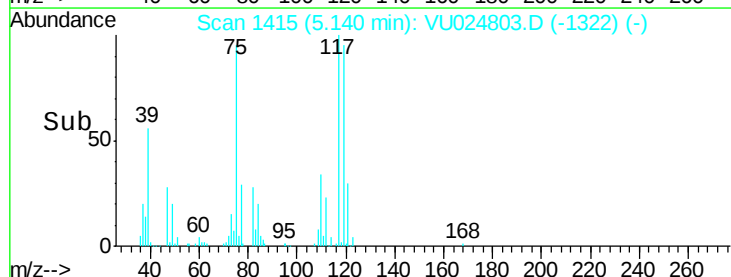
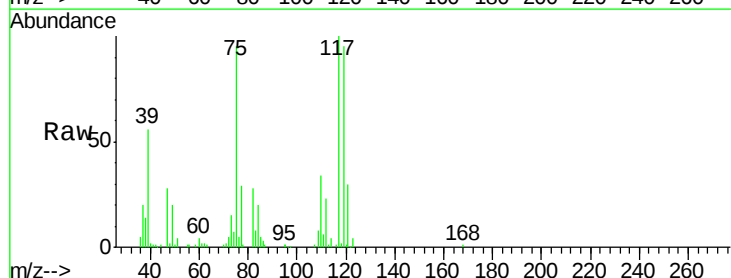
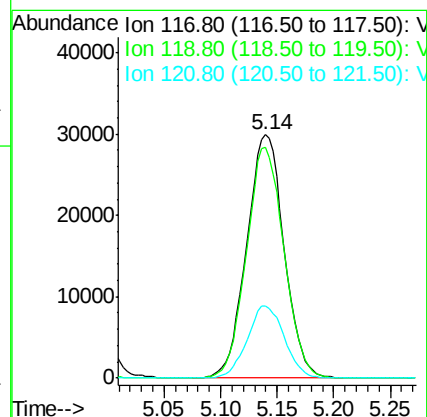
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#38
Carbon Tetrachloride
Concen: 20.19 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.1	114.1
121	29.7	23.7	35.5





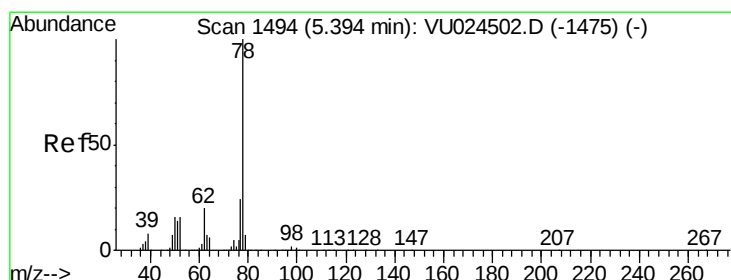
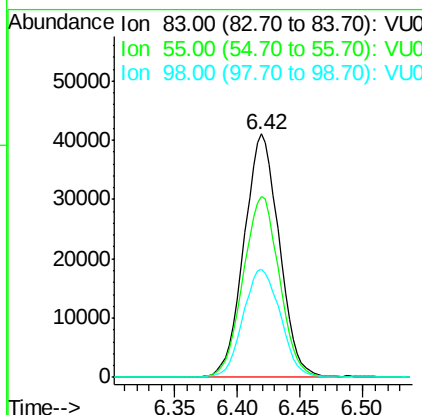
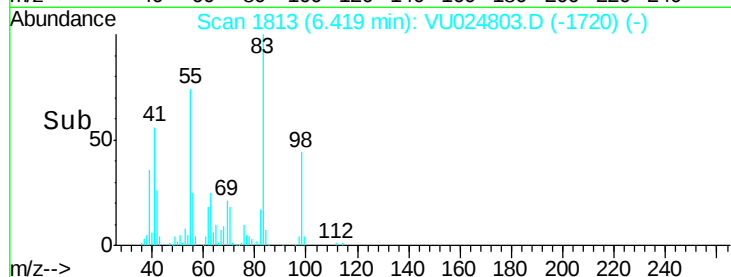
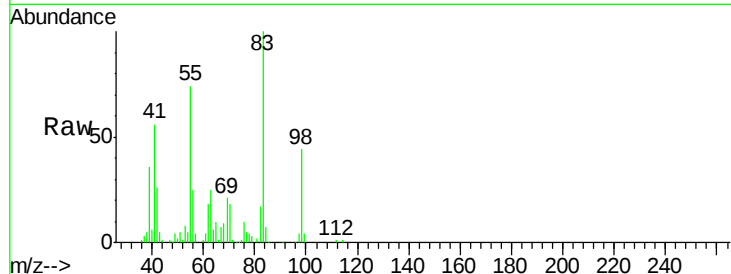
#39
Methvlcvclohexane
Concen: 20.80 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	65.8	98.6
98	44.2	36.7	55.1

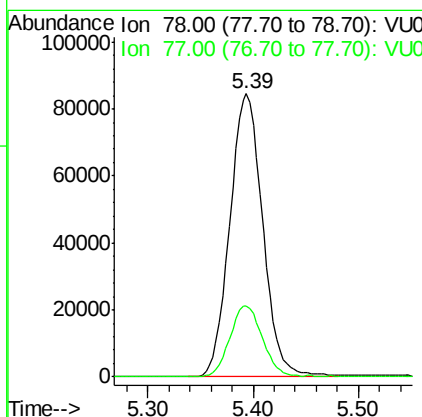
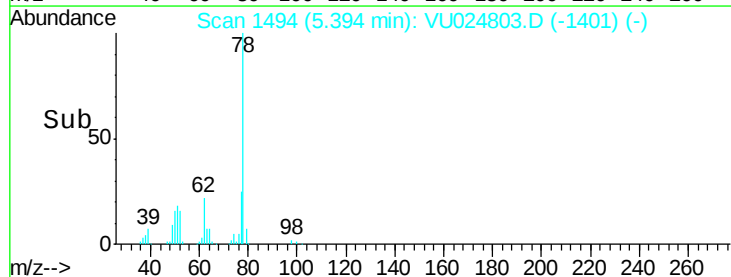
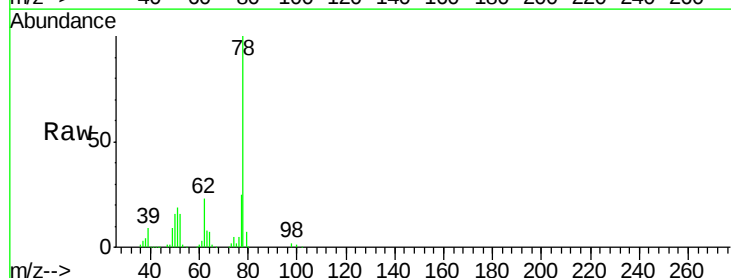
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#40
Benzene
Concen: 20.74 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.2	28.8





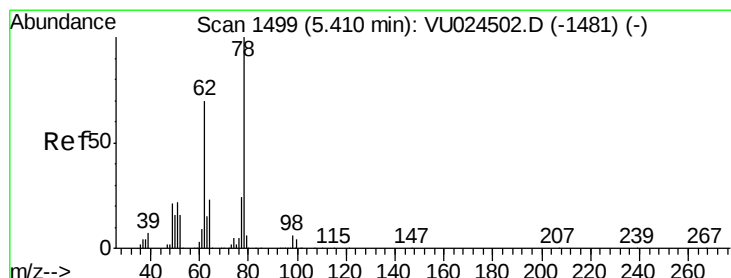
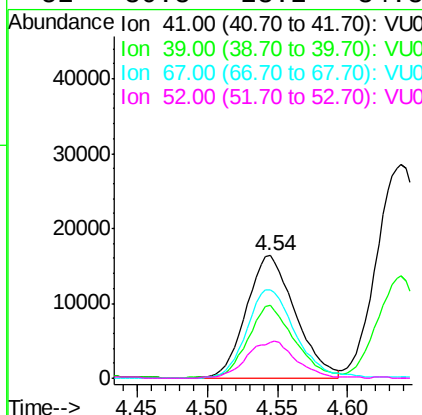
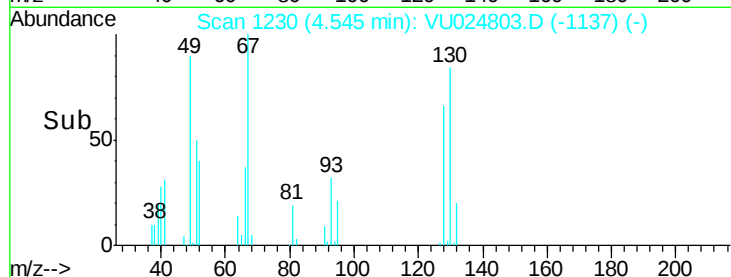
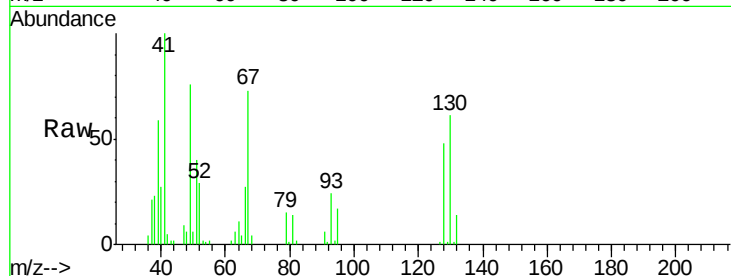
#41
Methacrylonitrile
Concen: 21.85 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		39832		
39	57.0	43.8	65.6		
67	72.1	56.3	84.5		
52	30.8	23.2	34.8		

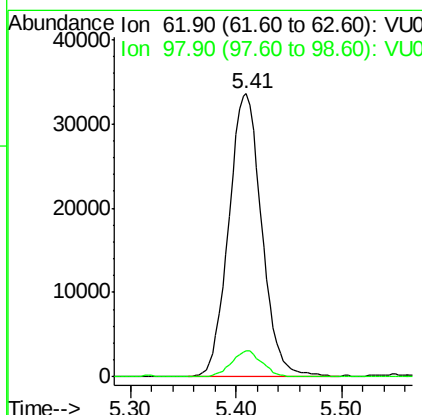
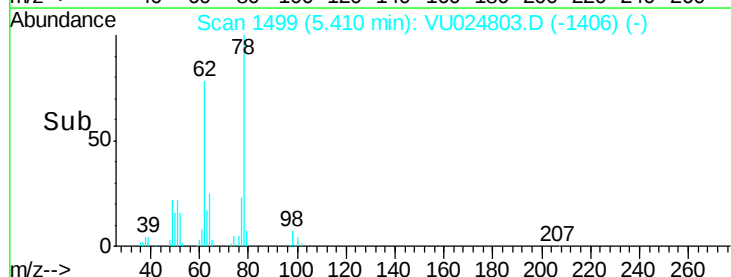
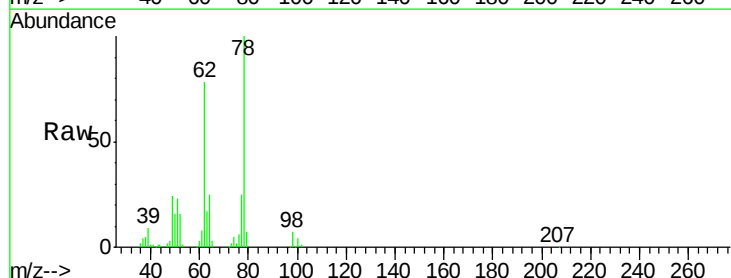
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#42
1,2-Dichloroethane
Concen: 21.61 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		72743		
98	8.5	0.0	16.6		





#43

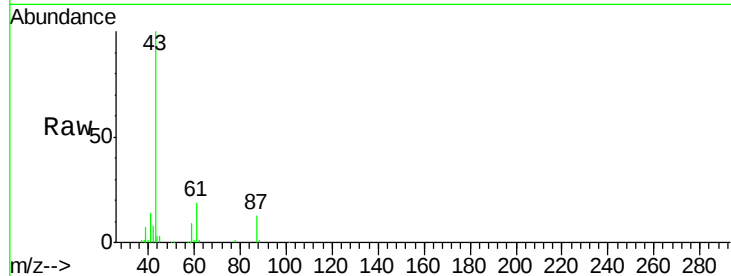
Isopropyl Acetate
 Concen: 20.23 ug/l
 RT: 5.55 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

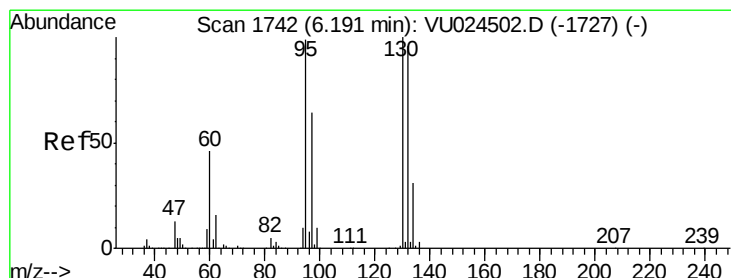
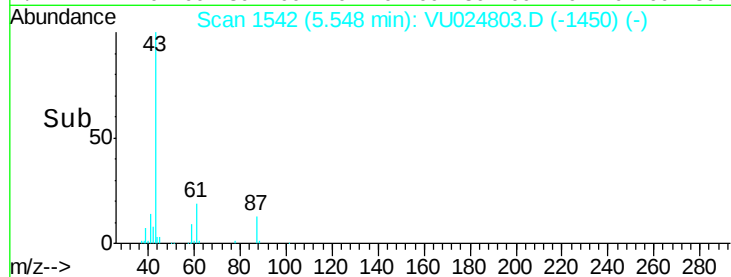
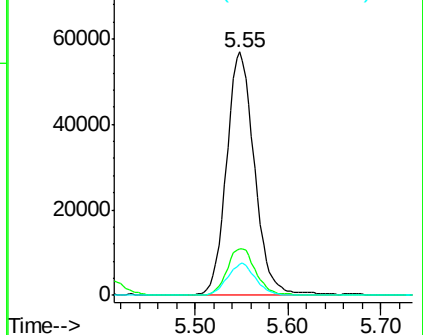
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.0
87	13.2	10.0	15.0

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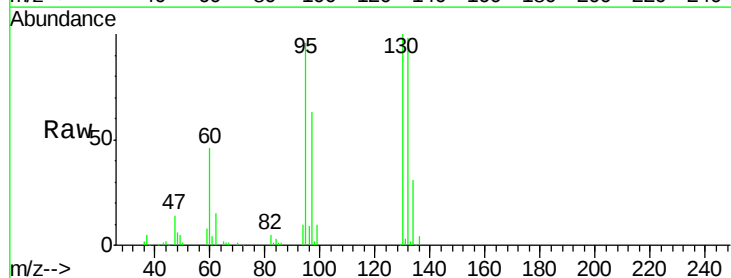
Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)



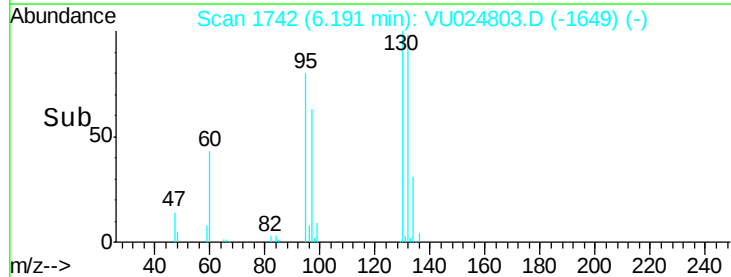
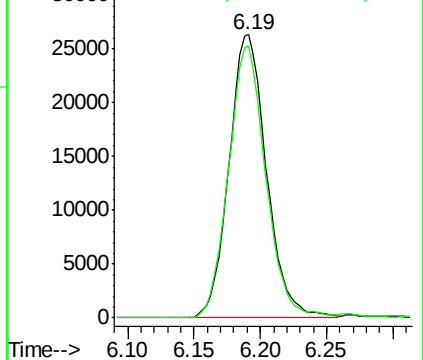
#44

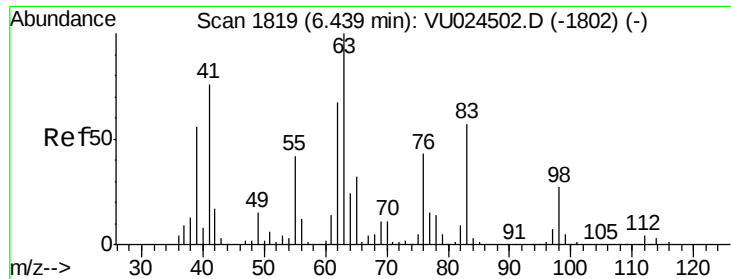
Trichloroethene
 Concen: 20.53 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)





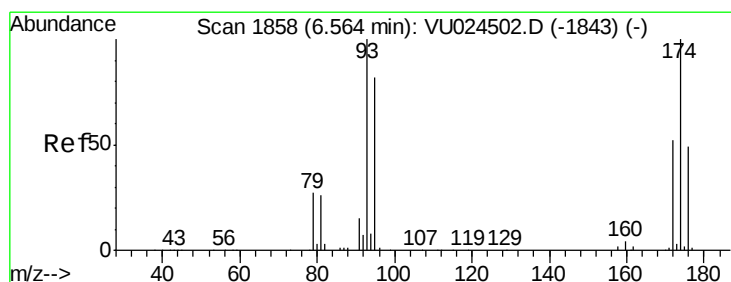
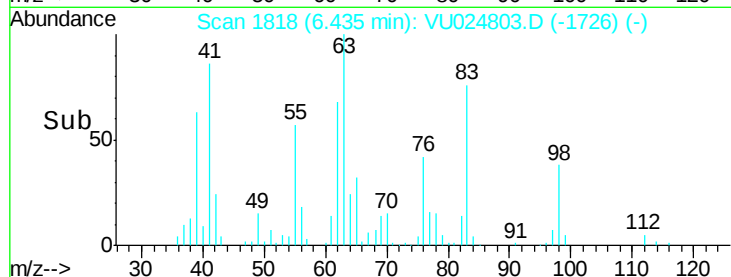
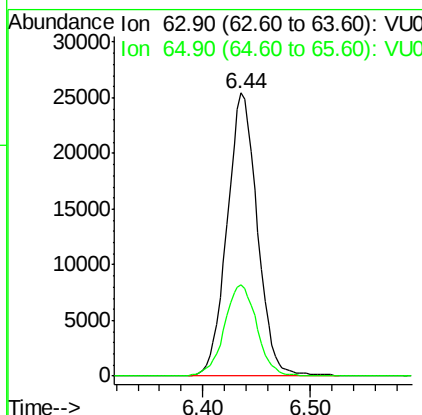
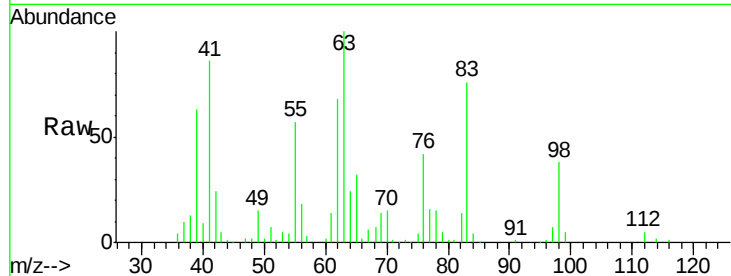
#45
 1,2-Dichloropropane
 Concen: 21.13 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion: 63 Resp: 49832
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2

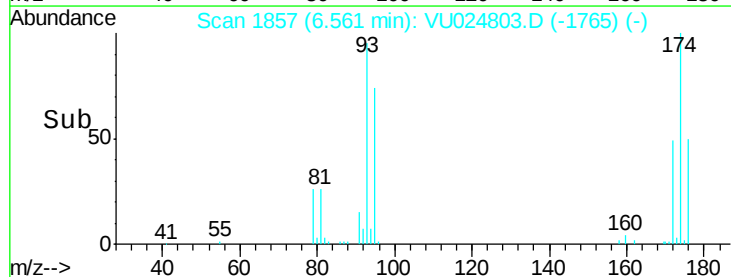
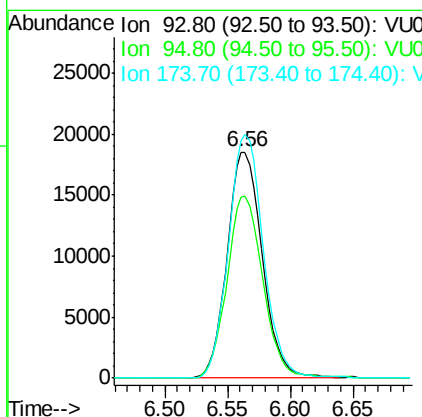
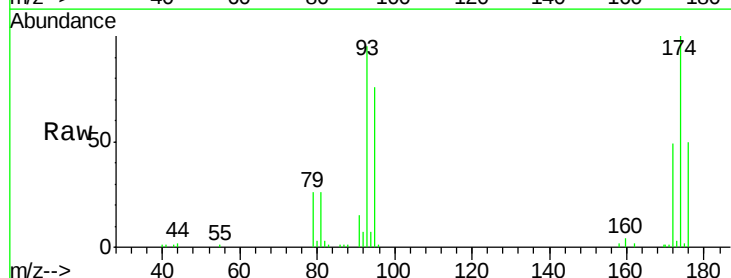
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#46
 Dibromomethane
 Concen: 21.80 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion: 93 Resp: 36121
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.5 98.3
 174 106.8 78.7 118.1





#47

Bromodichloromethane

Concen: 20.48 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

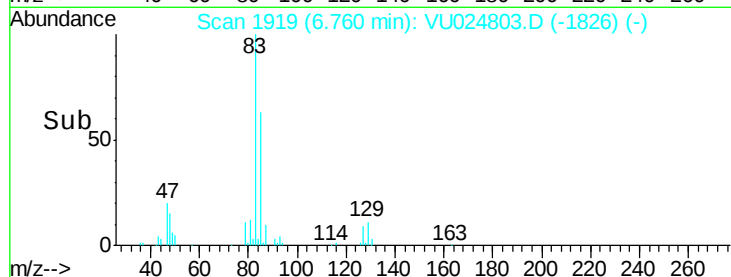
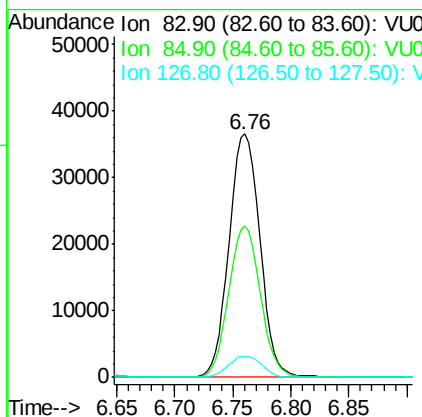
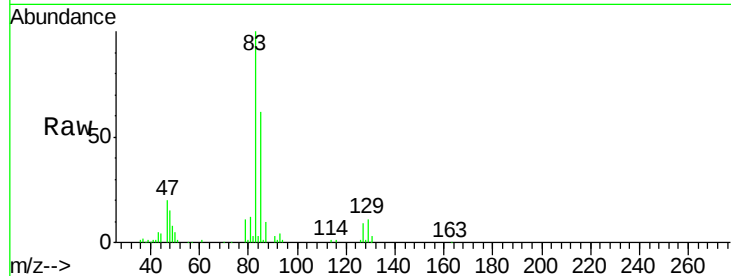
ClientSampleId :

VU0621WBSD01

Tot Ion:	83	Resp:	67562
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.9	77.9
127	8.7	6.6	9.8

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#48

Methyl methacrylate

Concen: 21.44 ug/l

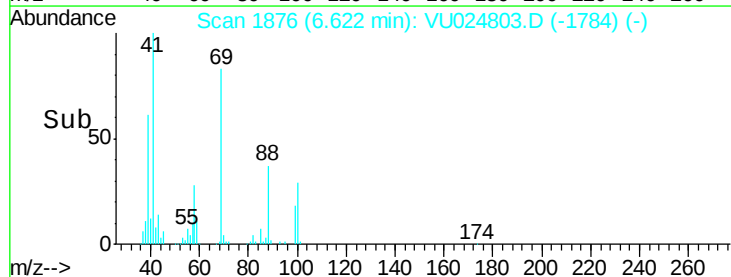
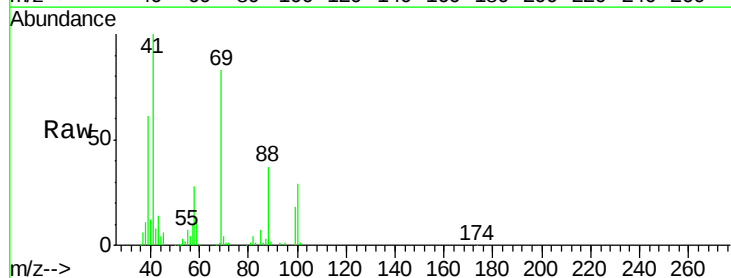
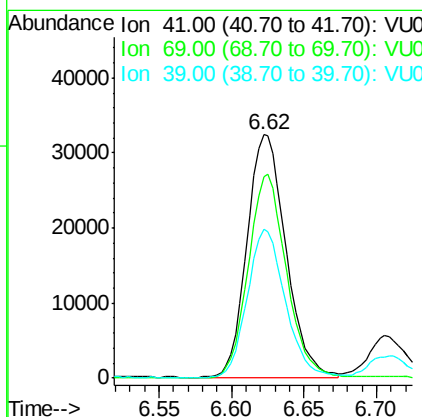
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion:	41	Resp:	61011
Ion	Ratio	Lower	Upper
41	100		
69	82.0	67.3	100.9
39	59.8	46.5	69.7





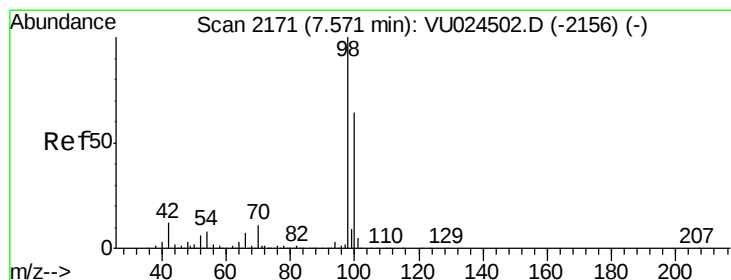
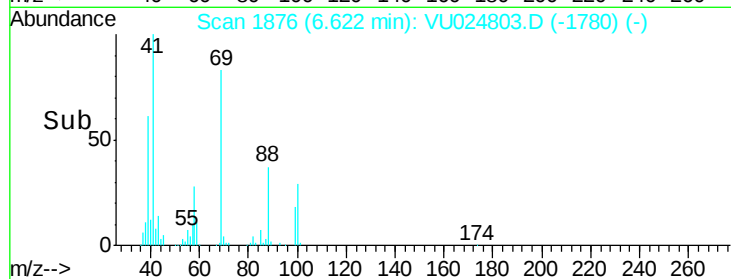
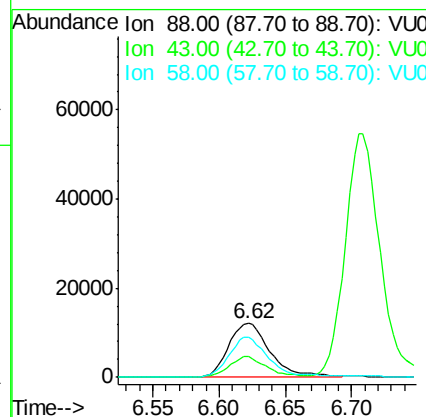
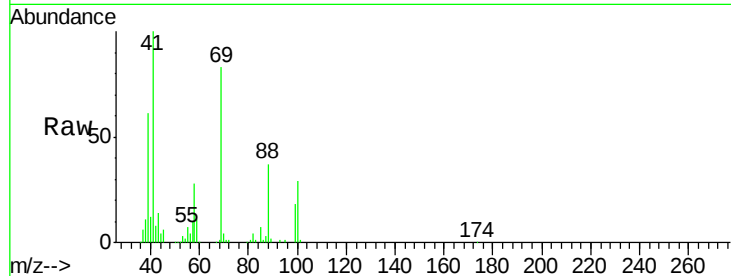
#49
1,4-Dioxane
Concen: 475.98 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	28.6	42.8
58	71.4	58.2	87.4

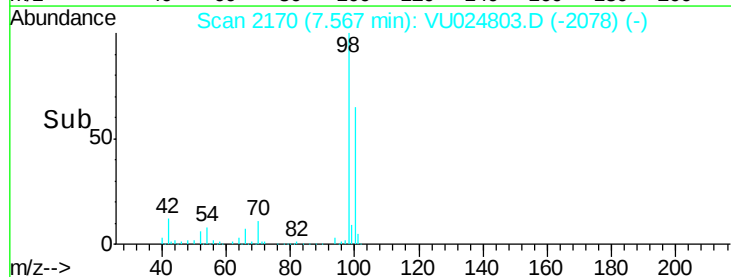
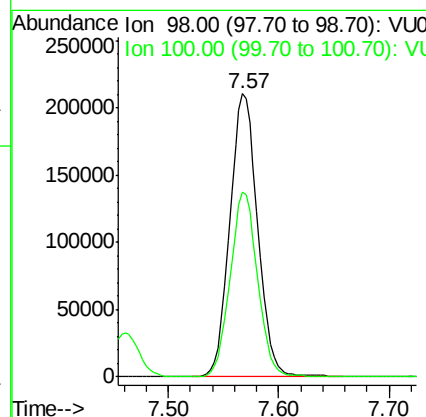
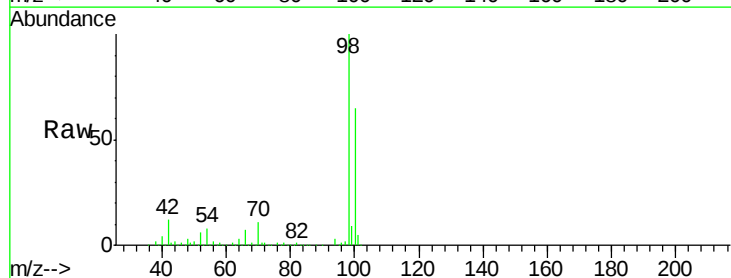
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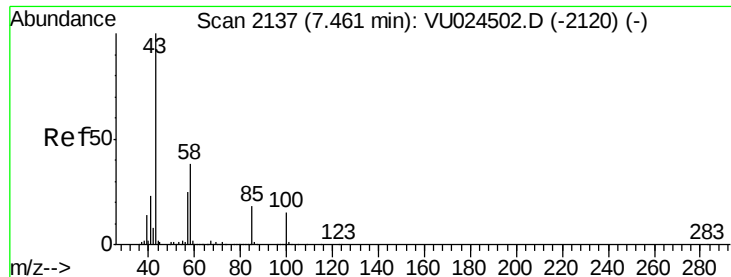
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#50
Toluene-d8
Concen: 45.96 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7





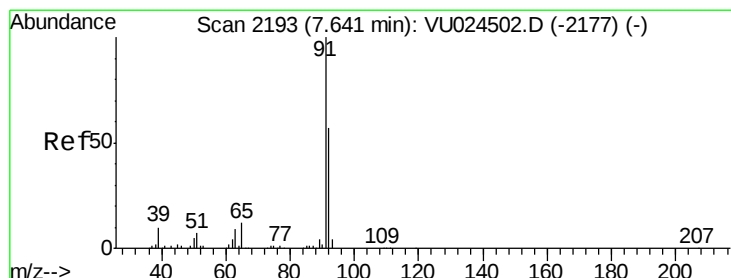
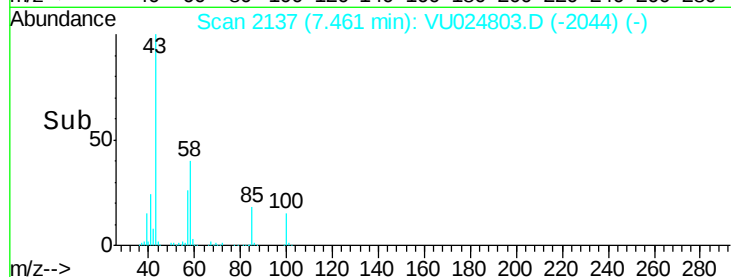
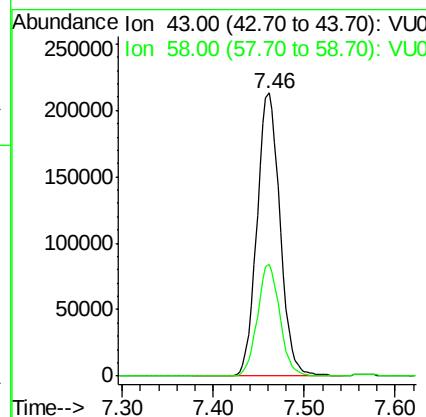
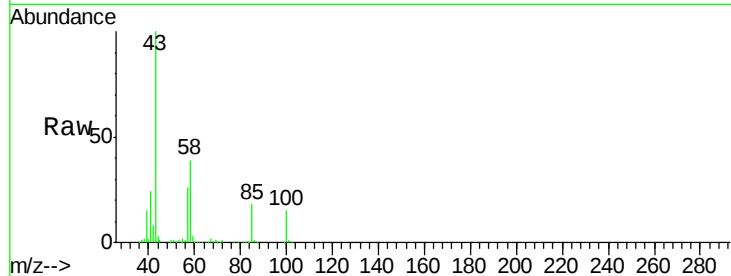
#51
 4-Methyl-2-Pentanone
 Concen: 102.11 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.0	45.0

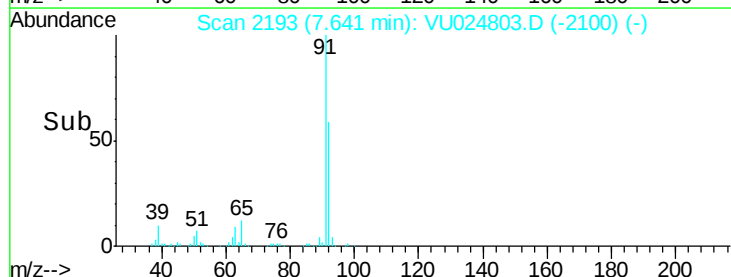
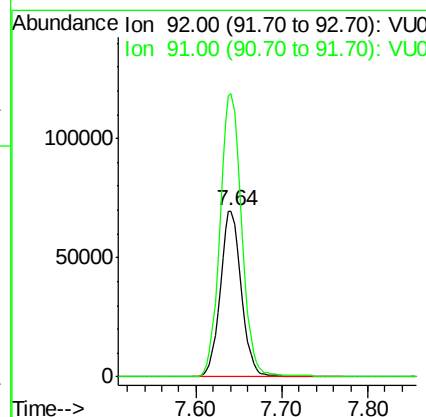
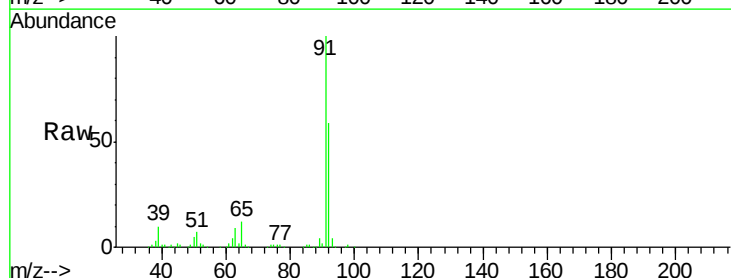
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#52
 Toluene
 Concen: 20.89 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.5	140.5	210.7





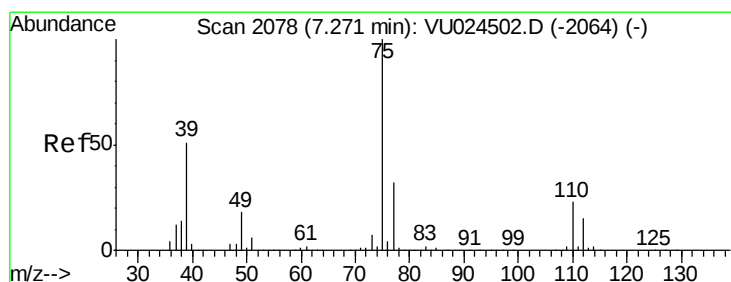
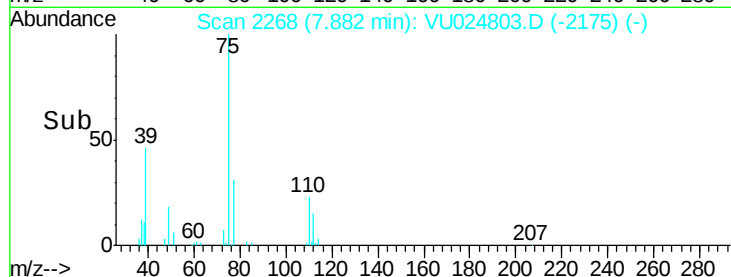
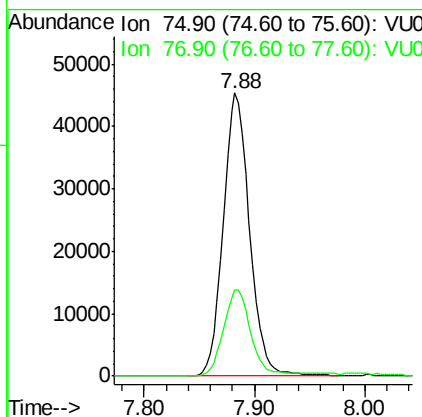
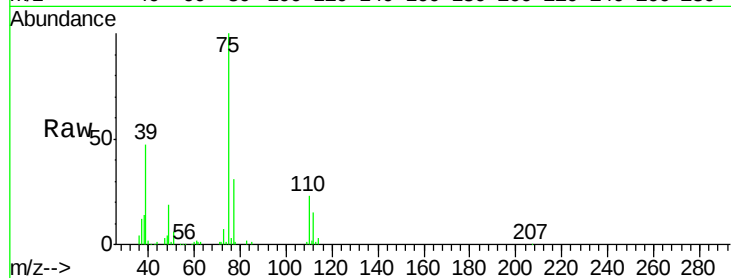
#53
t-1,3-Dichloropropene
Concen: 20.27 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.8	37.2

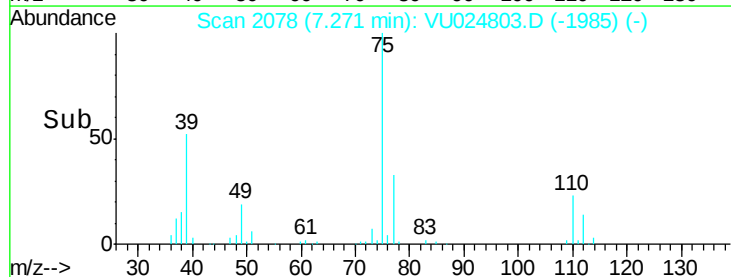
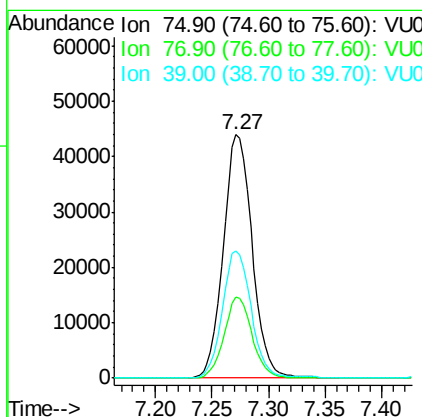
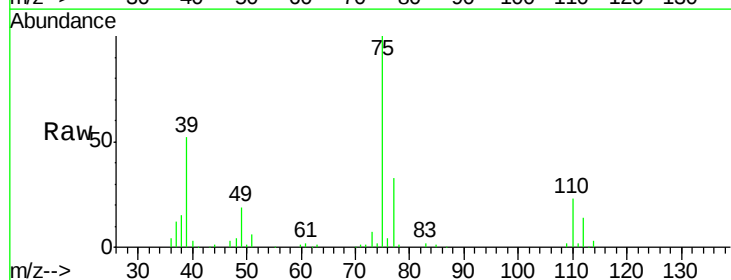
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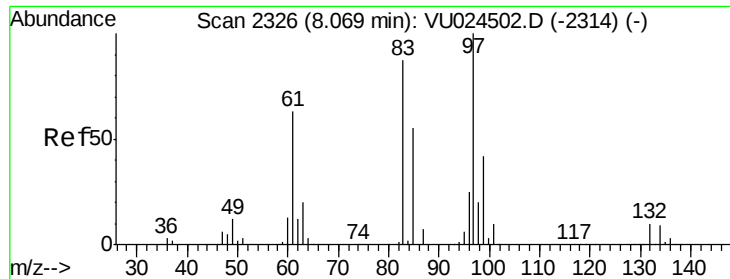
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#54
cis-1,3-Dichloropropene
Concen: 19.82 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.6	36.8
39	52.4	39.8	59.6





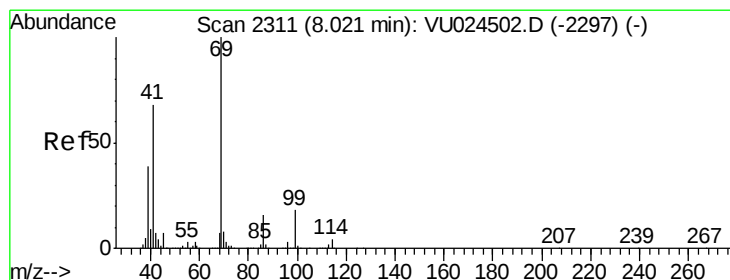
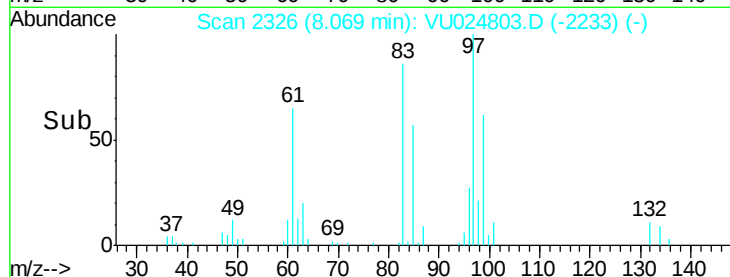
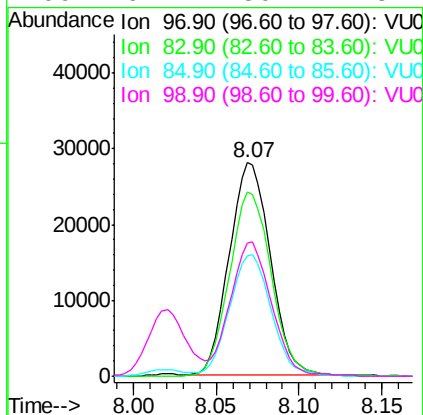
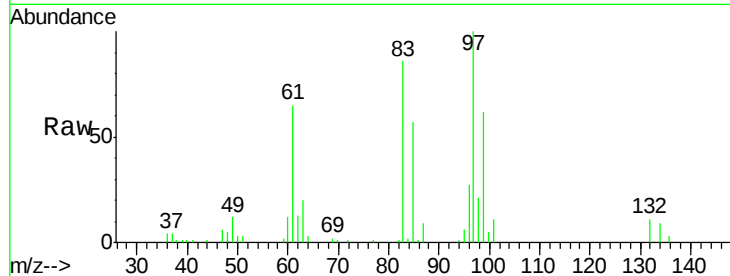
#55
 1,1,2-Trichloroethane
 Concen: 20.97 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion:	97	Resp:	48484
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.5	105.7
85	56.4	46.4	69.6
99	61.7	50.2	75.2

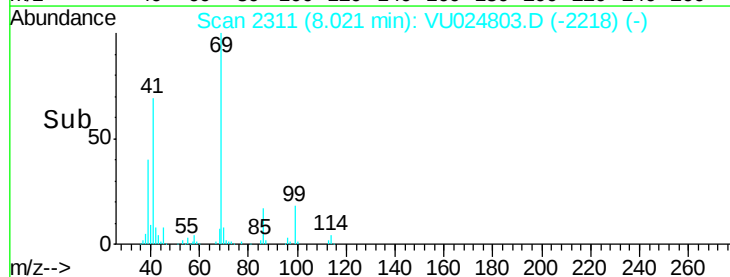
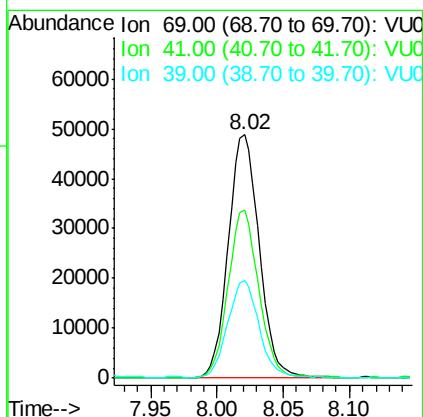
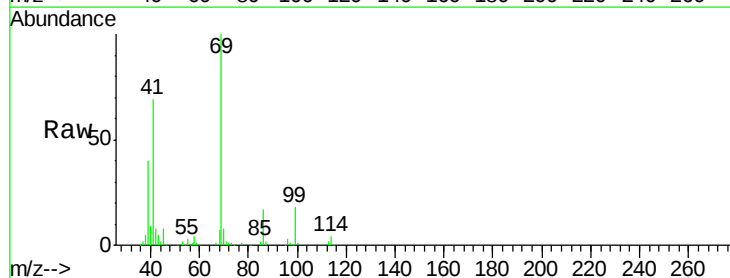
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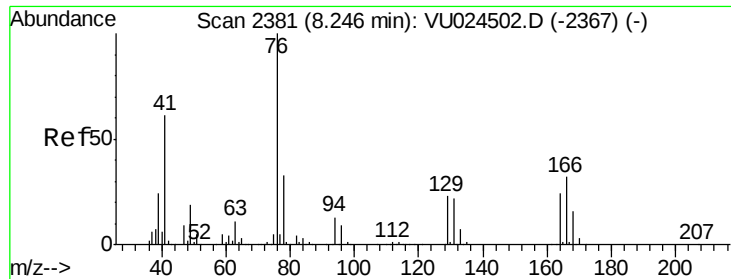
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#56
 Ethyl methacrylate
 Concen: 20.56 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion:	69	Resp:	79528
Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.1	81.1
39	39.9	30.3	45.5





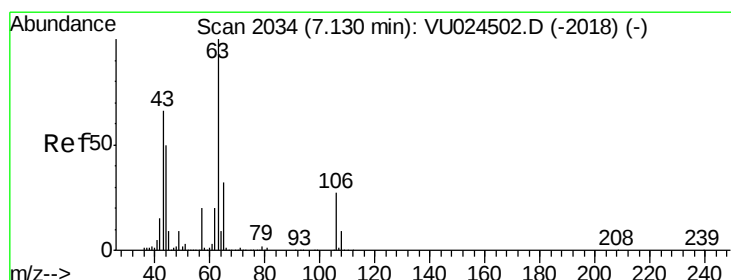
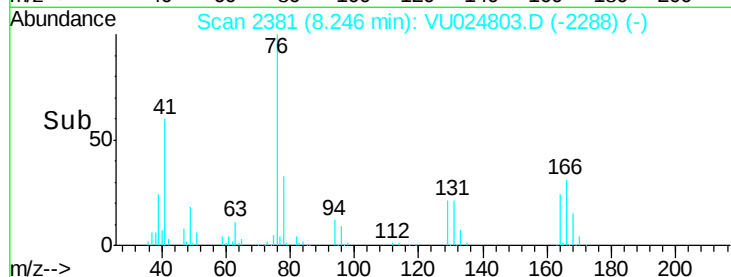
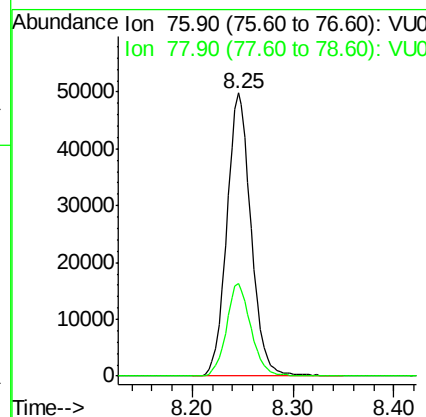
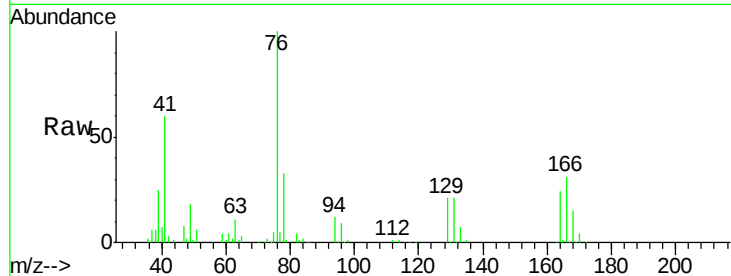
#57
 1,3-Dichloropropane
 Concen: 21.40 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion: 76 Resp: 83443
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.2 37.8

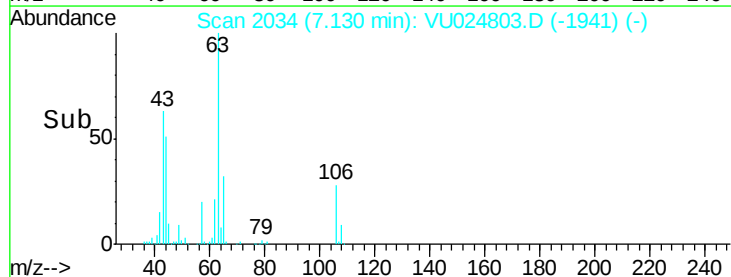
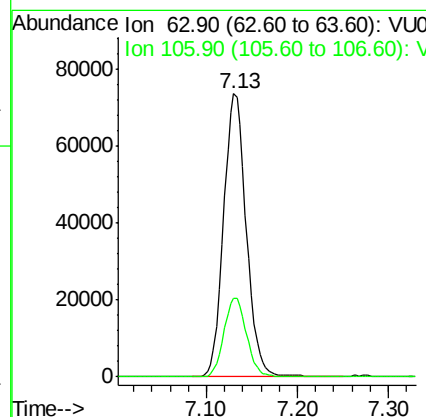
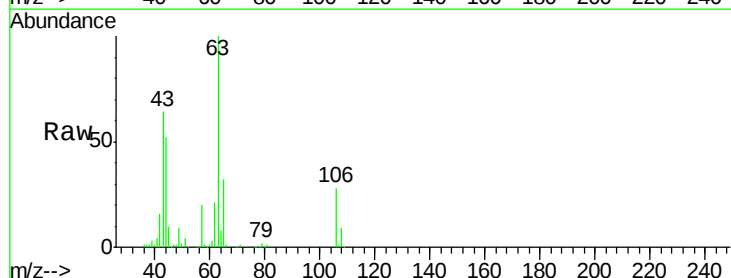
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#58
 2-Chloroethyl Vinyl ether
 Concen: 86.25 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion: 63 Resp: 127838
 Ion Ratio Lower Upper
 63 100
 106 27.6 20.2 30.2





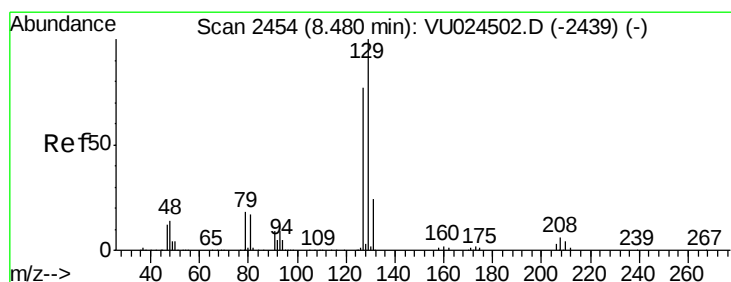
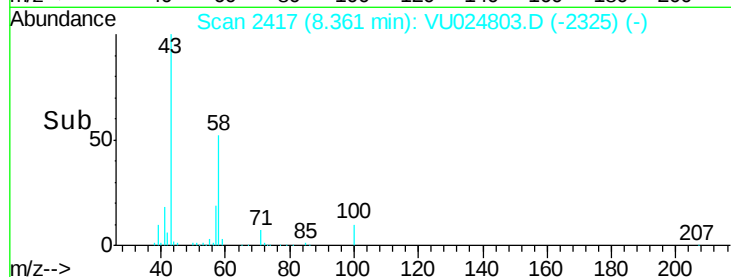
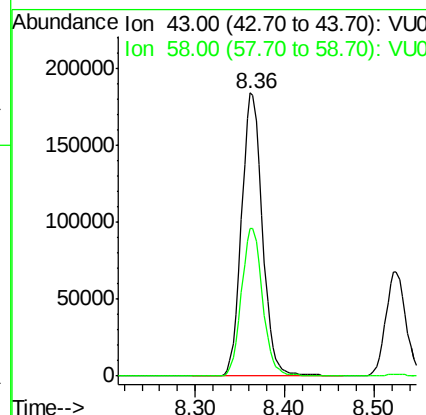
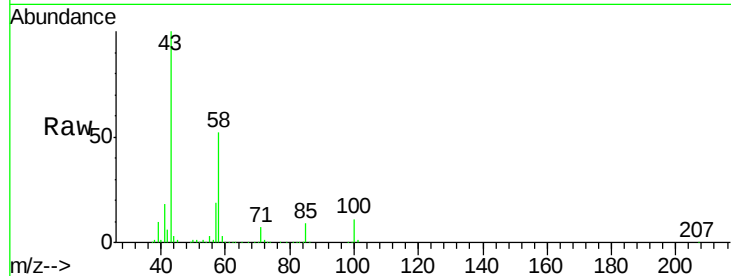
#59
2-Hexanone
Concen: 99.58 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	43	Resp	298483
Ion Ratio	43	100	
Lower	58	52.8	26.4
Upper			79.0

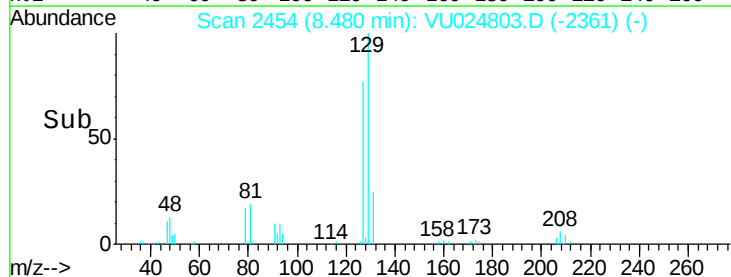
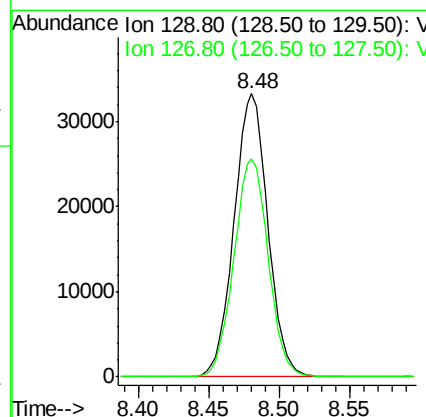
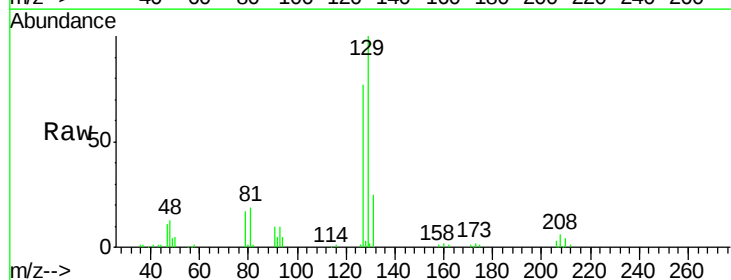
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#60
Dibromochloromethane
Concen: 19.34 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	129	Resp	55737
Ion Ratio	129	100	
Lower	127	78.3	38.6
Upper			116.0





#61

1,2-Dibromoethane

Concen: 21.24 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

Tot Ion:107 Resp: 54638

Ion Ratio Lower Upper

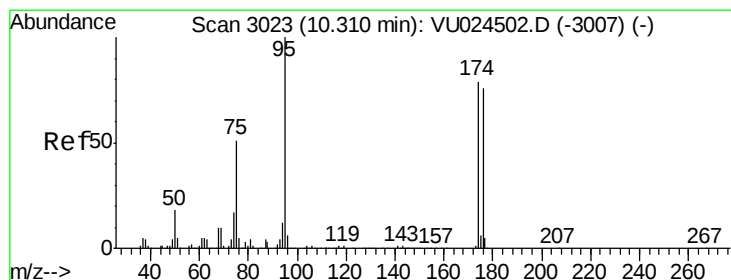
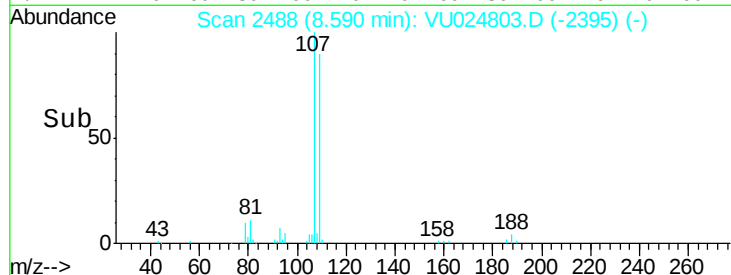
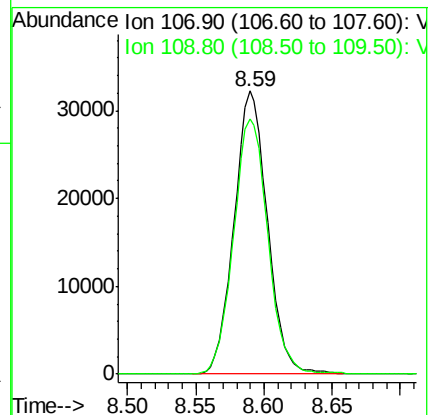
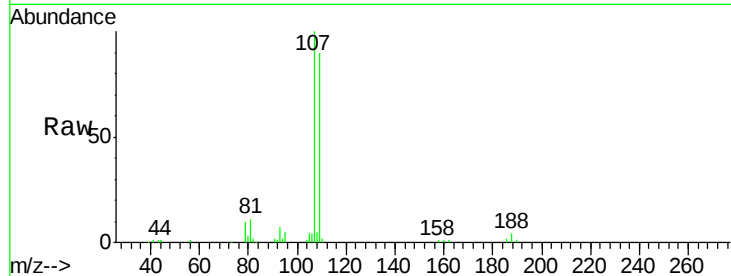
107 100

109 93.1 74.5 111.7

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#62

4-Bromofluorobenzene

Concen: 46.31 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

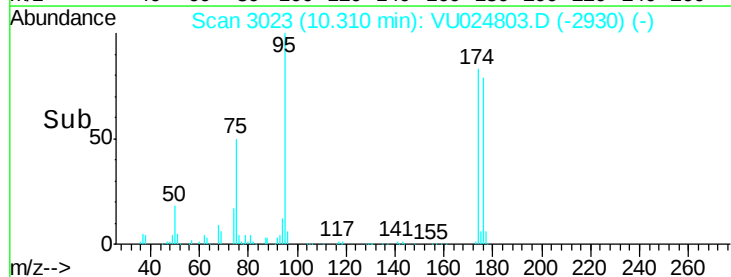
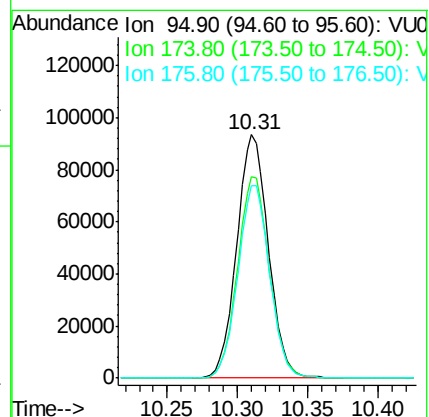
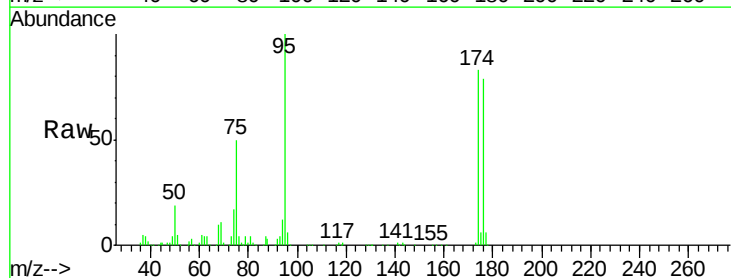
Tgt Ion: 95 Resp: 146923

Ion Ratio Lower Upper

95 100

174 83.1 0.0 165.8

176 79.5 0.0 159.4





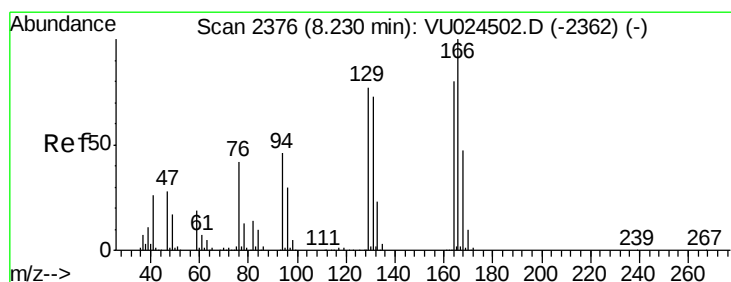
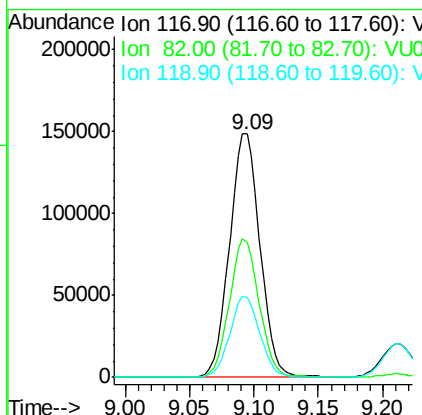
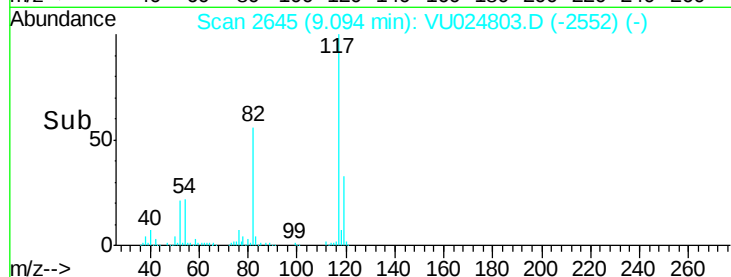
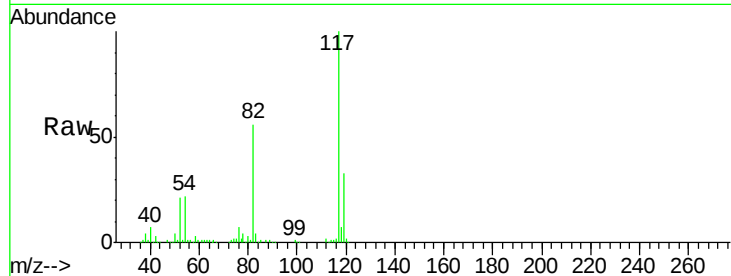
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	243769		
82	55.5	44.3	66.5	
119	32.7	25.4	38.2	

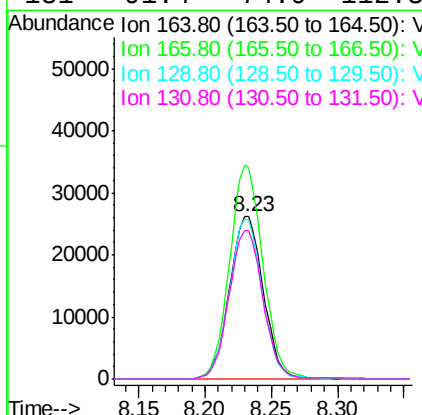
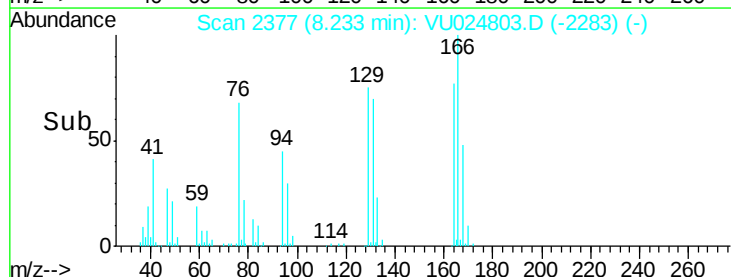
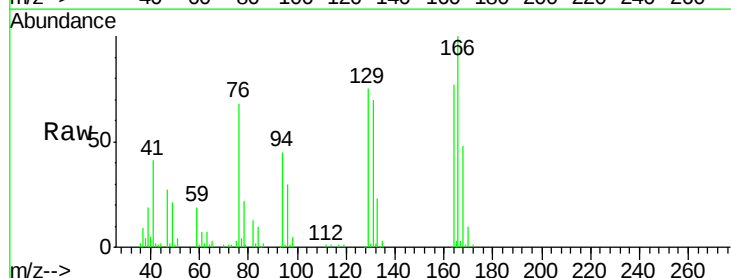
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#64
Tetrachloroethene
Concen: 19.98 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46292		
166	130.1	101.7	152.5	
129	97.4	76.9	115.3	
131	91.4	74.9	112.3	





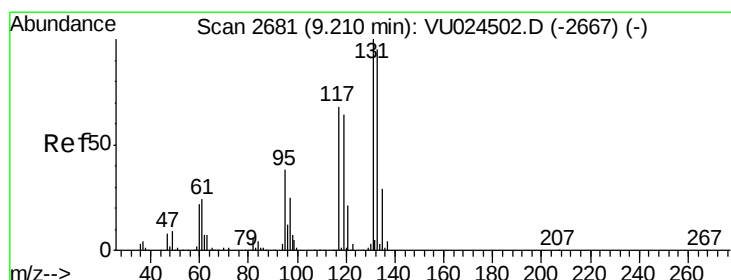
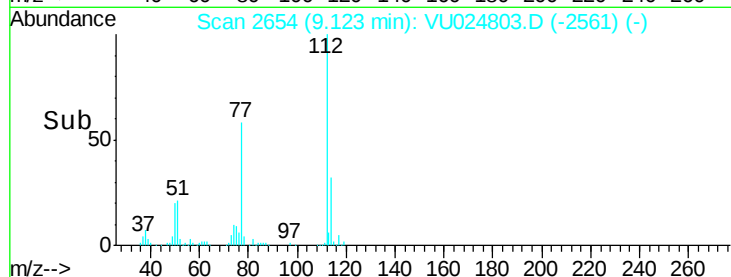
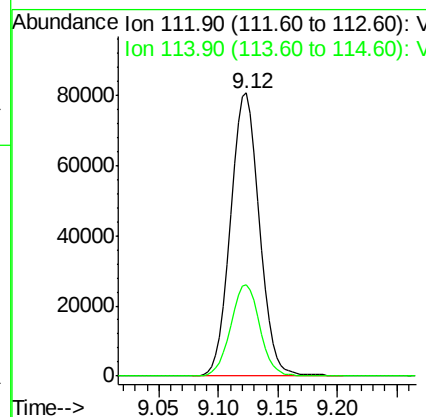
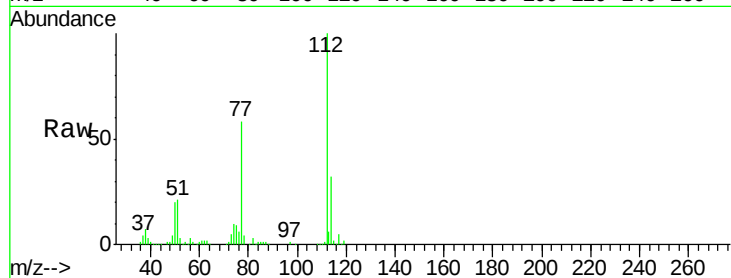
#65
Chlorobenzene
Concen: 21.80 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

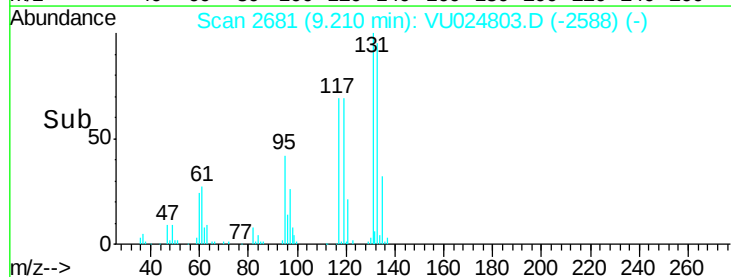
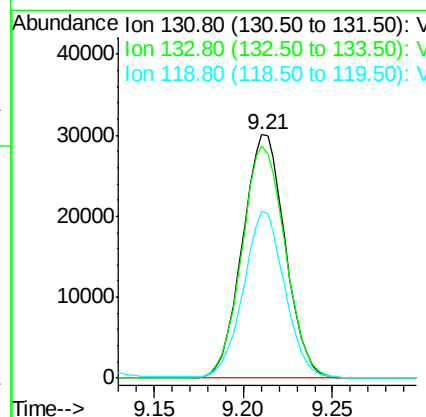
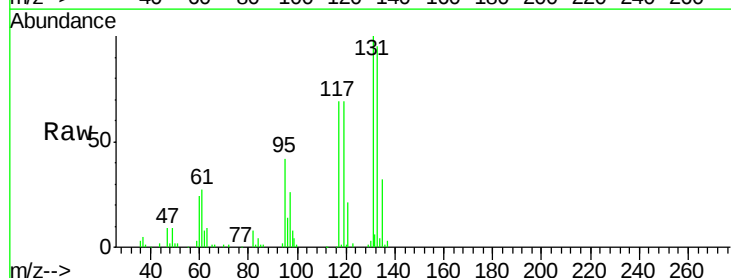
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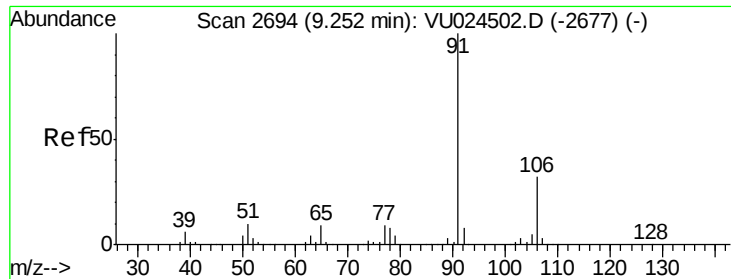
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.31 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	46.9	140.8
119	66.5	33.5	100.4





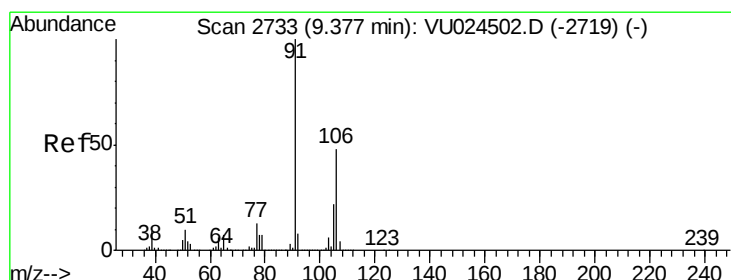
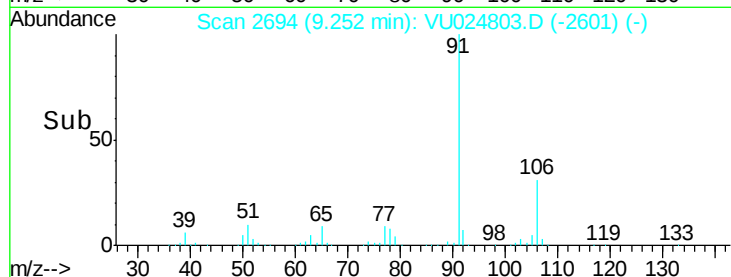
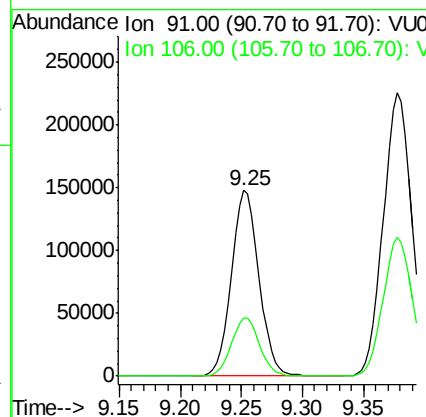
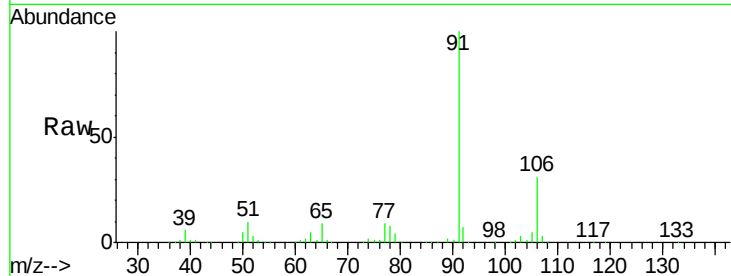
#67
Ethyl Benzene
Concen: 21.46 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion: 91 Resp: 234292
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

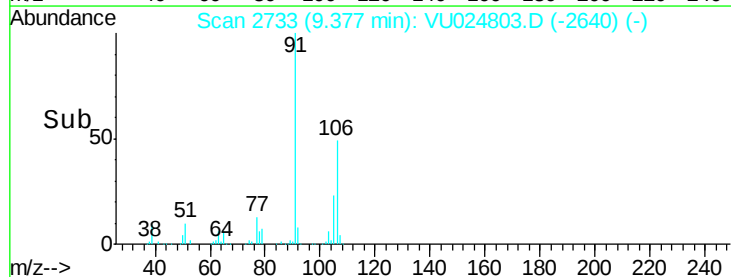
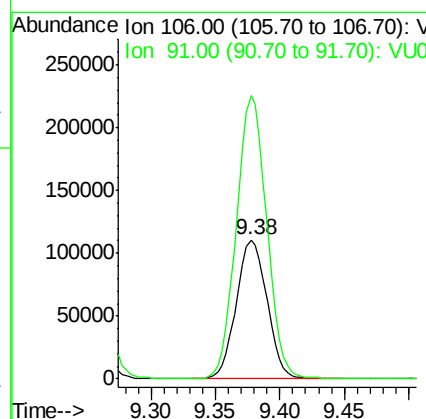
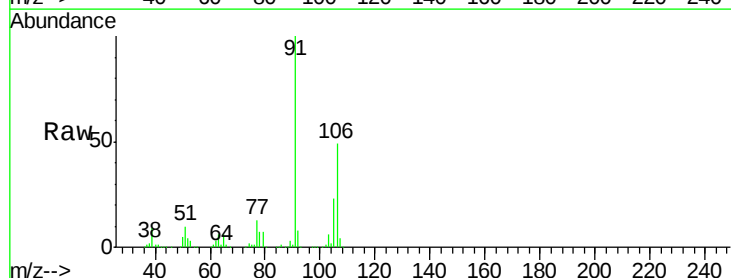
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#68
m/p-Xylenes
Concen: 43.84 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion: 106 Resp: 183772
Ion Ratio Lower Upper
106 100
91 200.7 166.5 249.7





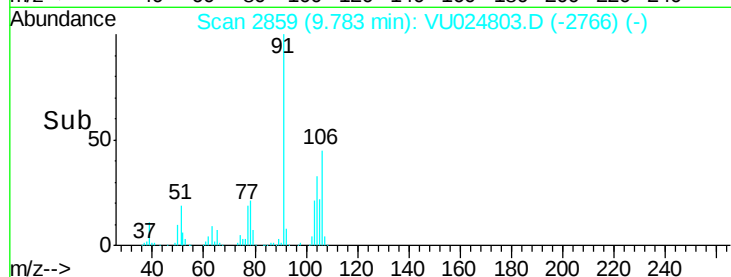
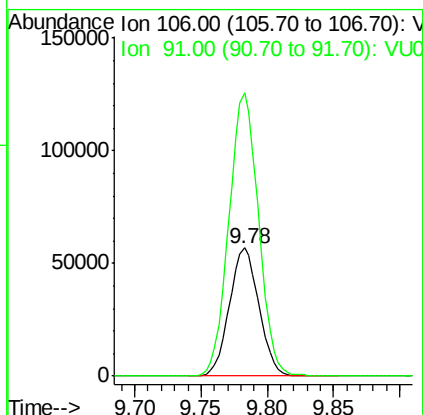
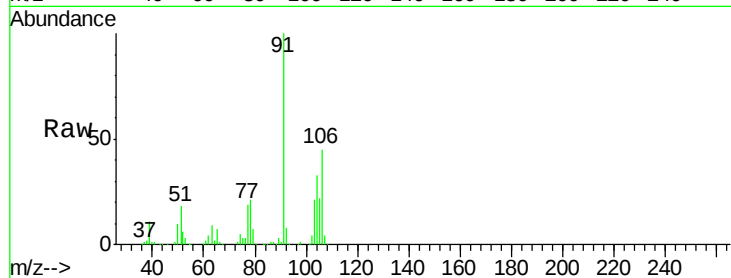
#69
o-Xylene
Concen: 21.32 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	221.1	110.7	331.9	

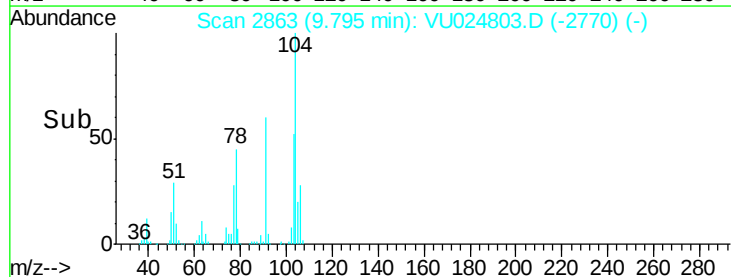
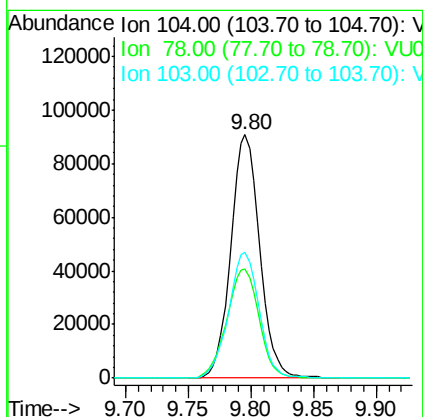
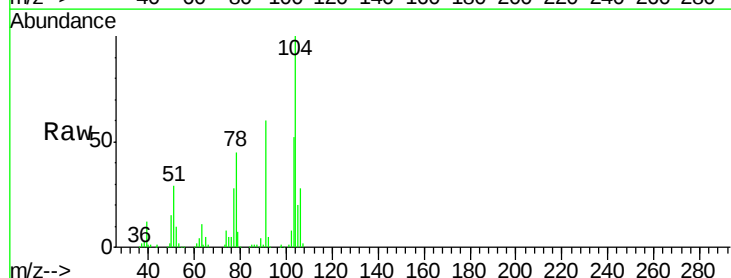
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#70
Styrene
Concen: 21.30 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.1	40.6	60.8	
103	54.7	44.7	67.1	





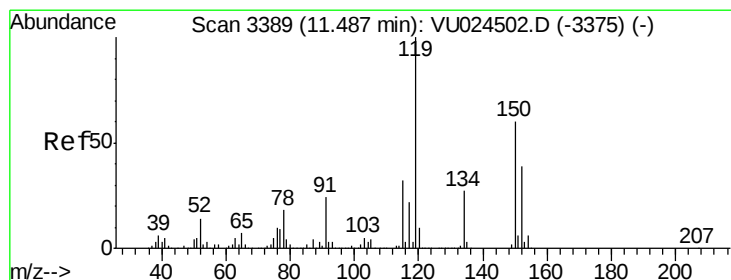
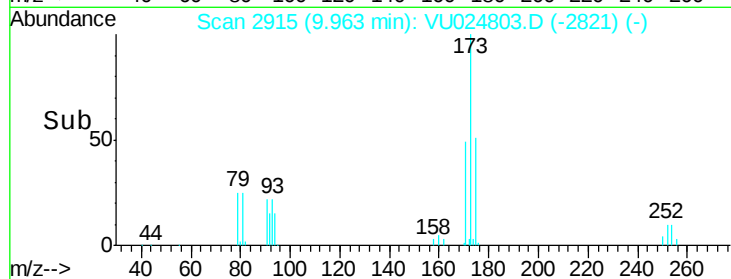
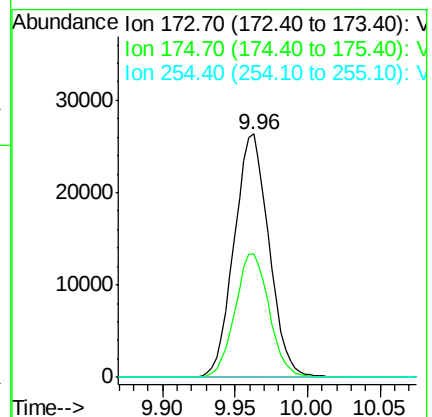
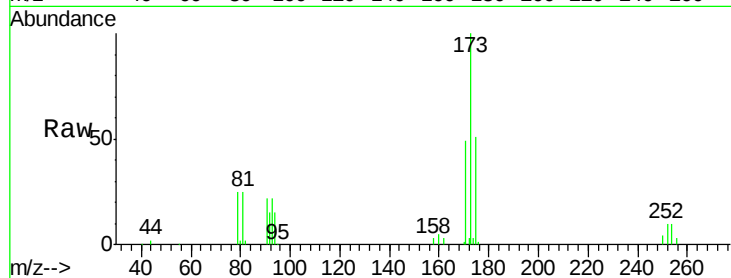
#71
Bromoform
Concen: 19.55 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.6	74.0
254	0.0	0.0	0.0

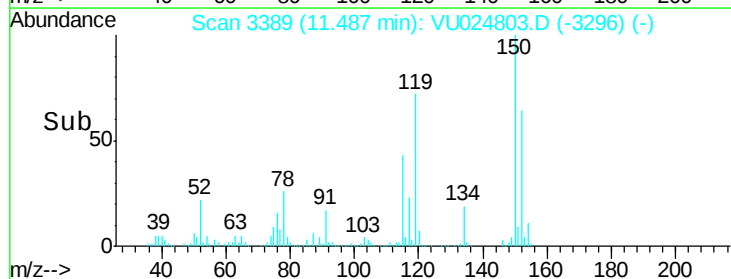
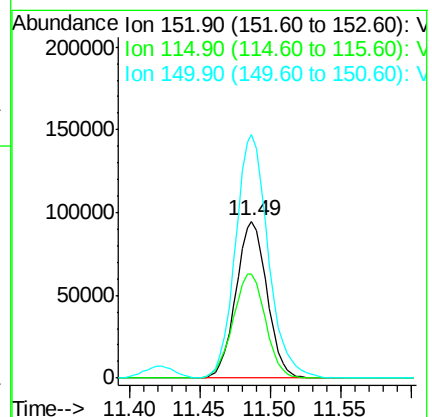
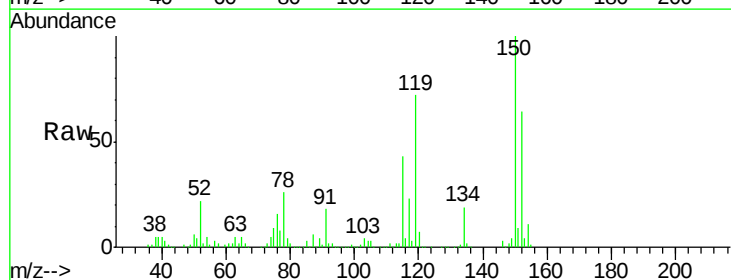
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.7	43.0	129.0
150	163.2	0.0	354.0





#73

Isopropylbenzene

Concen: 21.69 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampled :

VU0621WBSD01

Tot Ion: 105 Resp: 243212

Ion Ratio Lower Upper

105 100

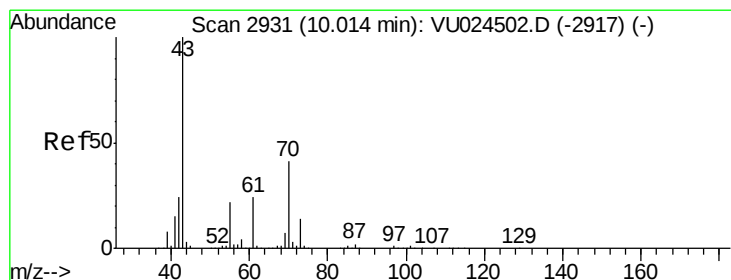
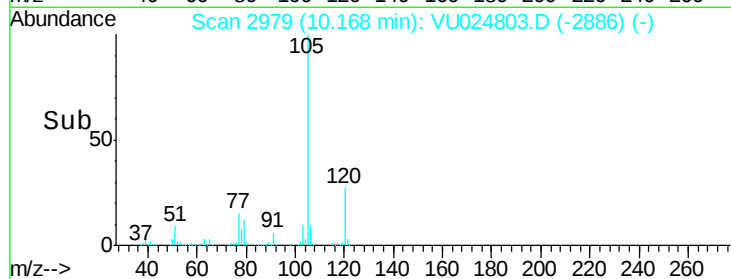
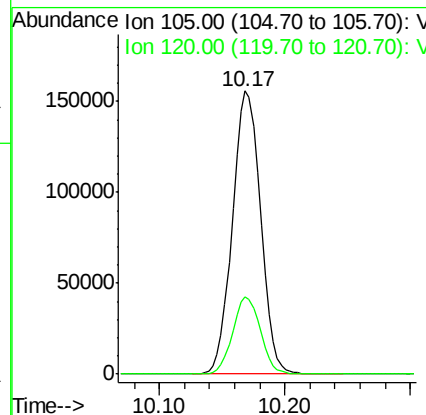
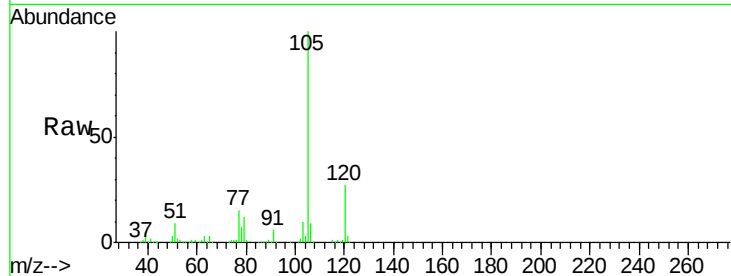
120 26.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.21 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion: 43 Resp: 107795

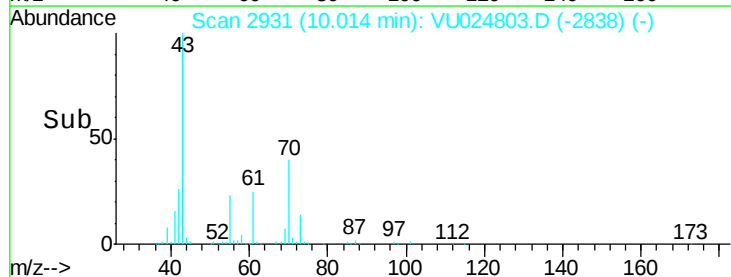
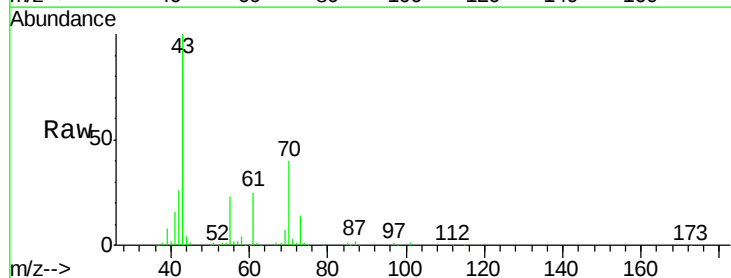
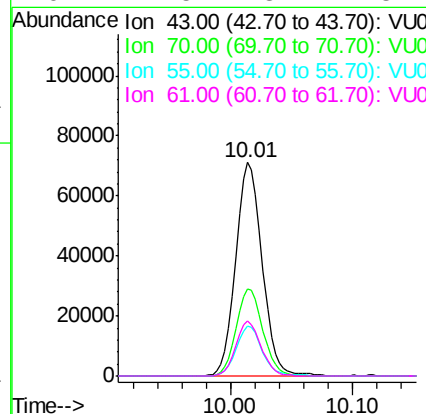
Ion Ratio Lower Upper

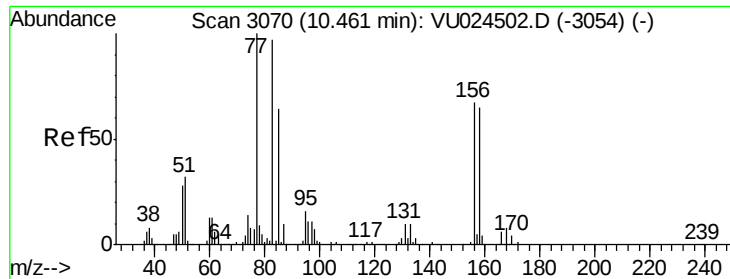
43 100

70 40.9 32.2 48.4

55 23.1 20.5 30.7

61 24.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.27 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

Tot Ion: 83 Resp: 79927

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

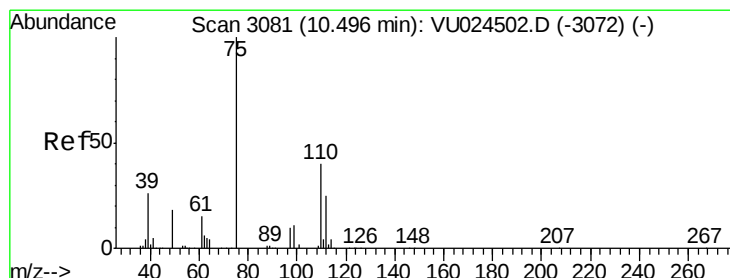
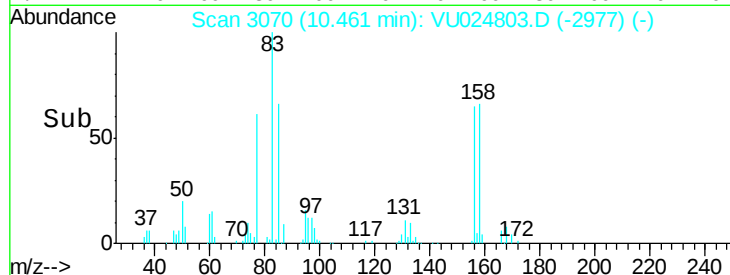
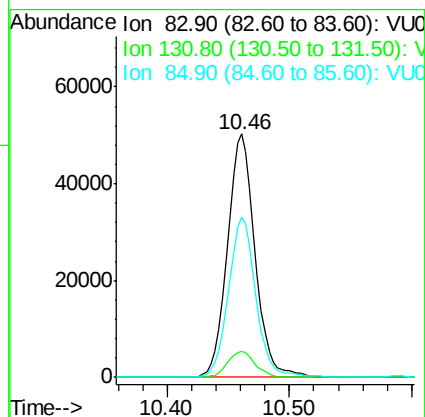
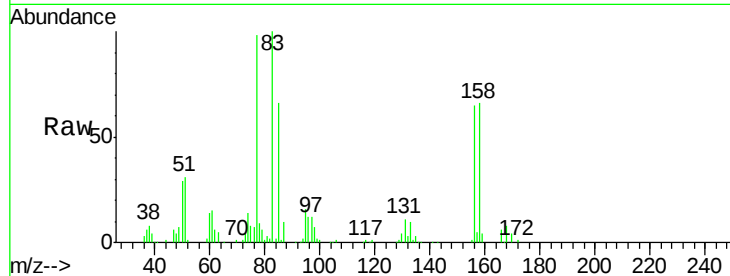
85 65.3 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 21.32 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024803.D

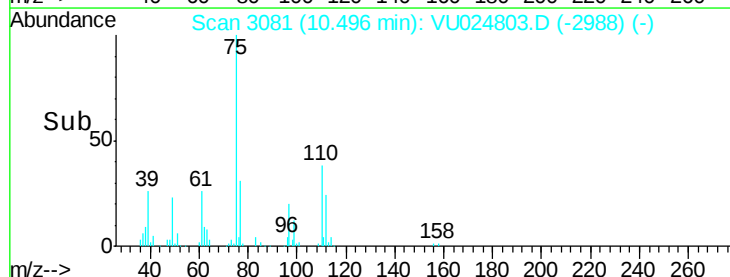
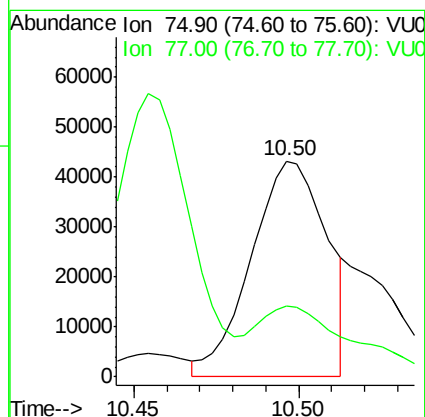
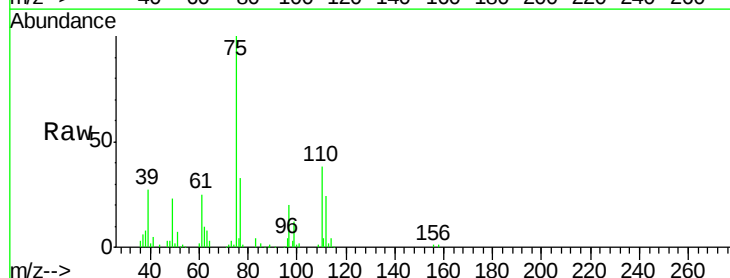
Acq: 21 Jun 2018 12:00

Tgt Ion: 75 Resp: 68556

Ion Ratio Lower Upper

75 100

77 41.7 20.9 62.7





#77

Bromobenzene

Concen: 21.14 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

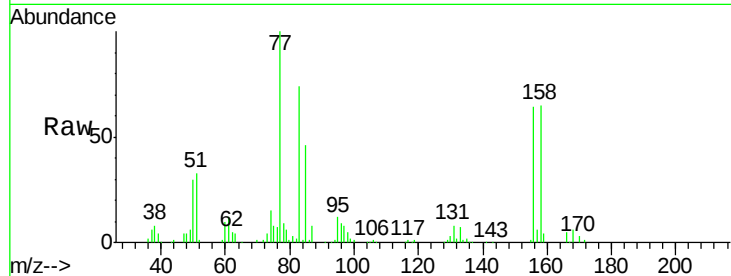
ClientSampleId :

VU0621WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	153.4	80.5	241.3	
158	100.6	48.2	144.6	

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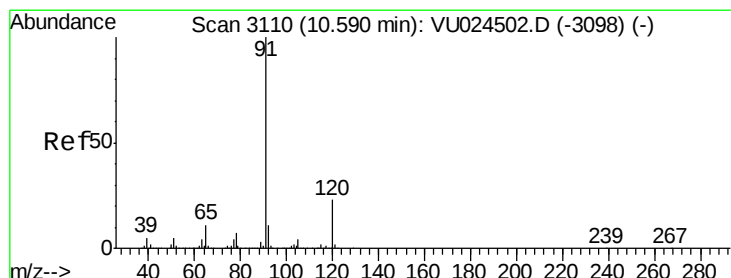
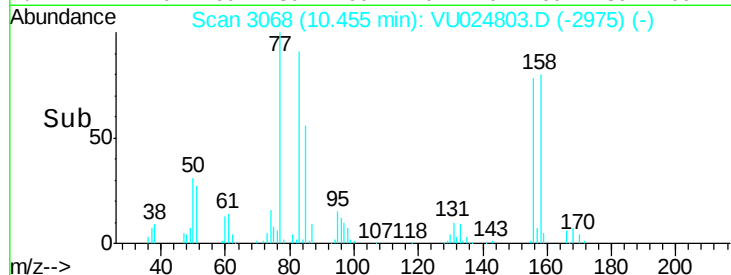
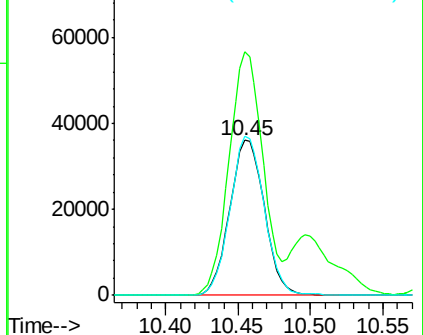
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.73 ug/l

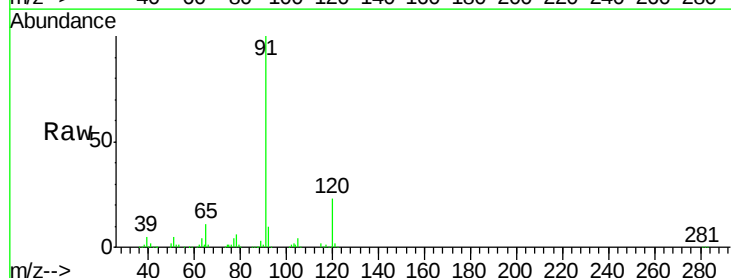
RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024803.D

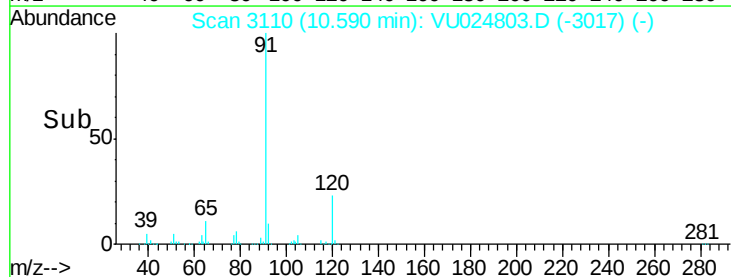
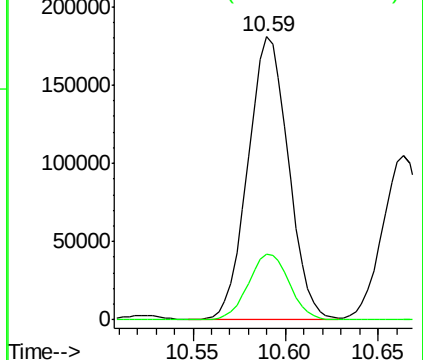
Acq: 21 Jun 2018 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.6	11.2	33.5	



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.14 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

Tot Ion: 91 Resp: 164694

Ion Ratio Lower Upper

91 100

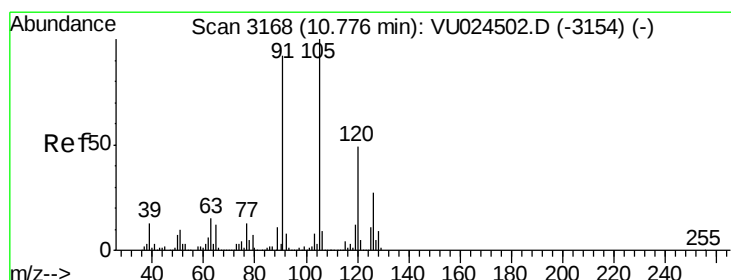
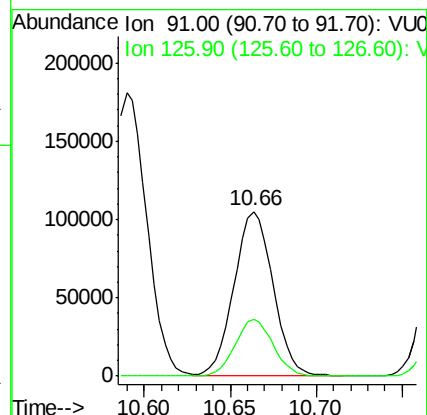
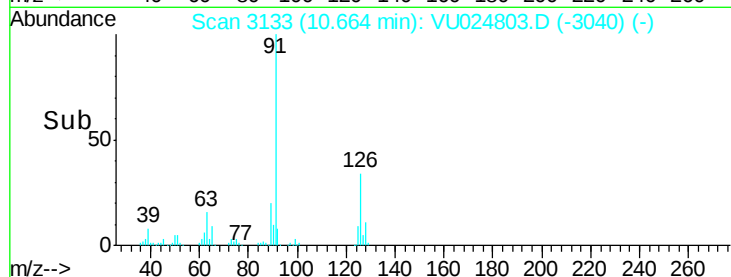
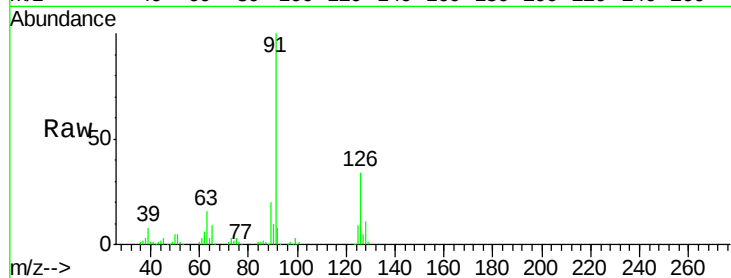
126 33.8 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 21.39 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024803.D

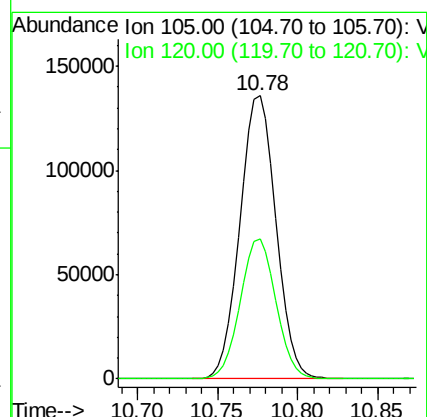
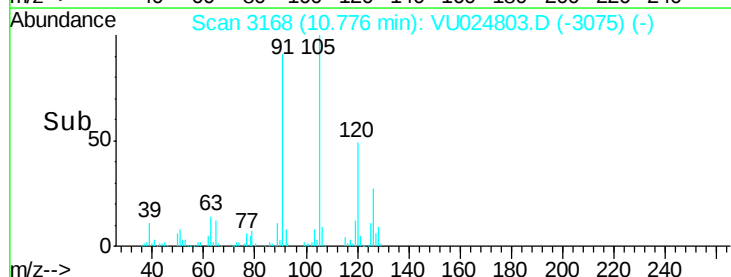
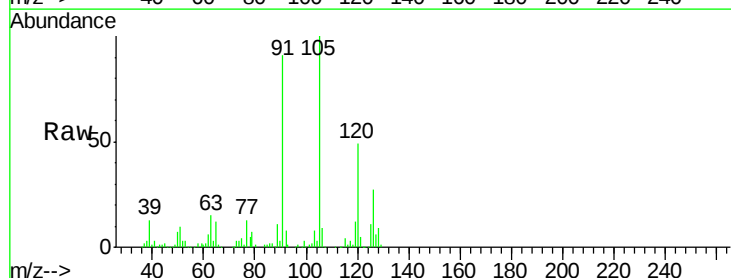
Acq: 21 Jun 2018 12:00

Tgt Ion: 105 Resp: 207839

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.2





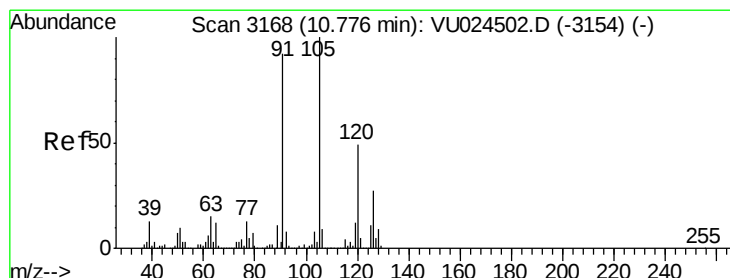
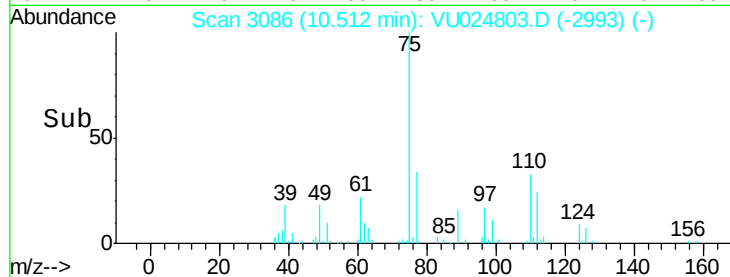
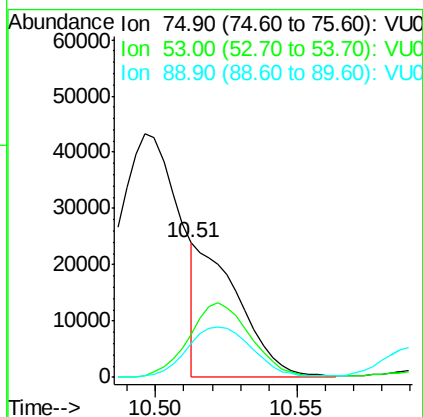
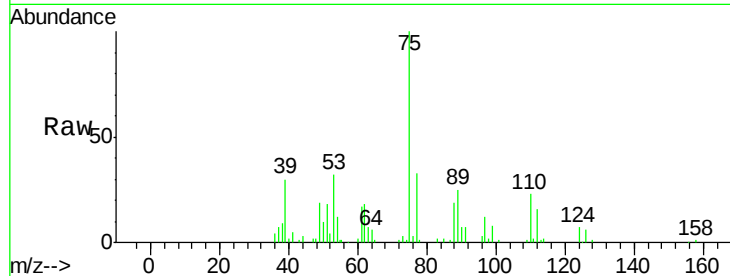
#81
trans-1,4-Dichloro-2-butene
Concen: 18.40 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

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

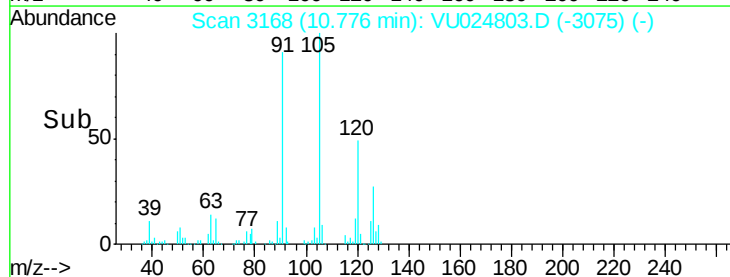
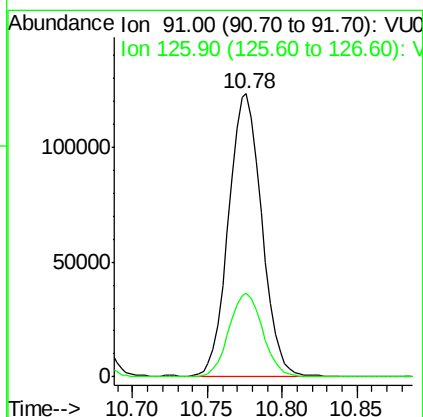
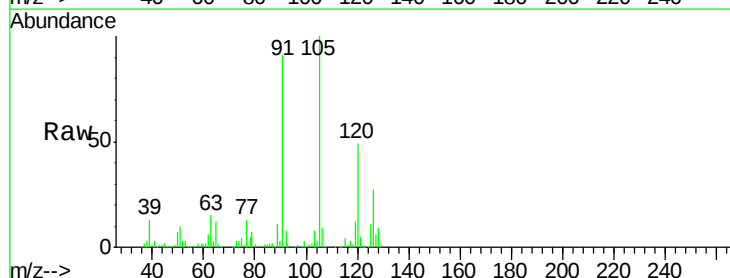
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#82
4-Chlorotoluene
Concen: 20.99 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.9	44.9





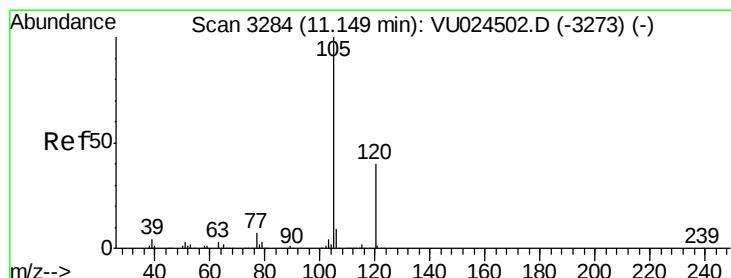
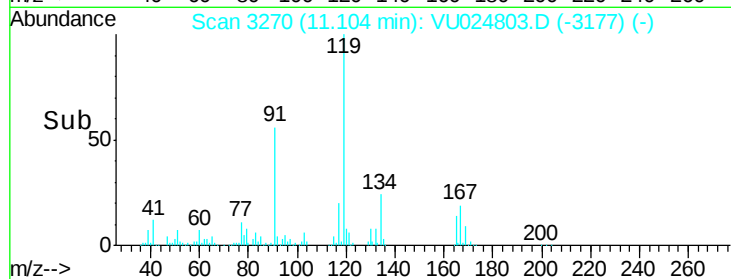
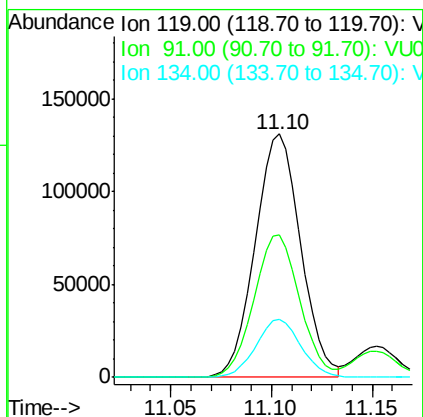
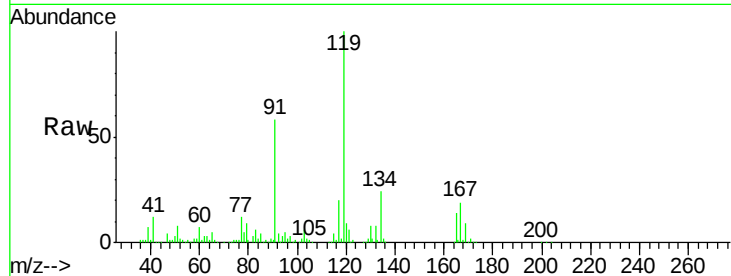
#83
tert-Butylbenzene
Concen: 22.07 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	206352		
91	59.0	29.7	89.1	
134	23.5	11.6	34.7	

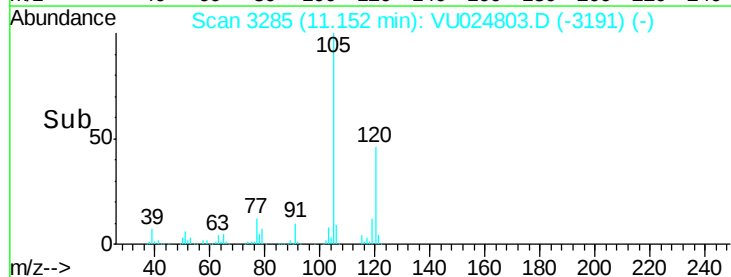
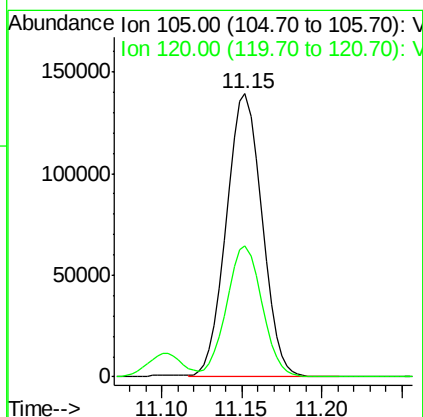
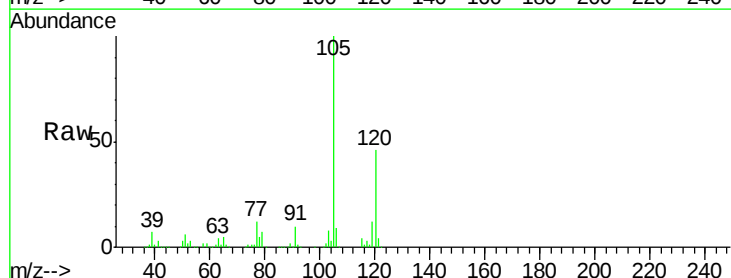
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 21.27 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	210681		
120	46.2	22.6	67.8	





#85

sec-Butylbenzene

Concen: 21.18 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBSD01

Tot Ion:105 Resp: 247810

Ion Ratio Lower Upper

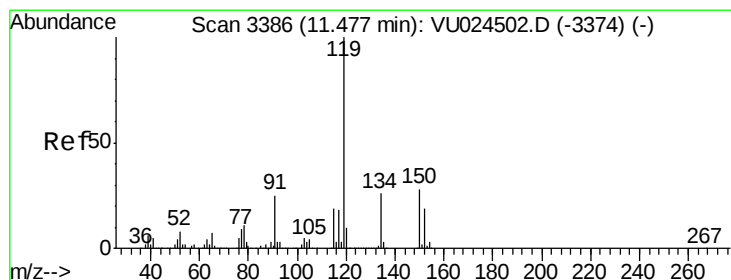
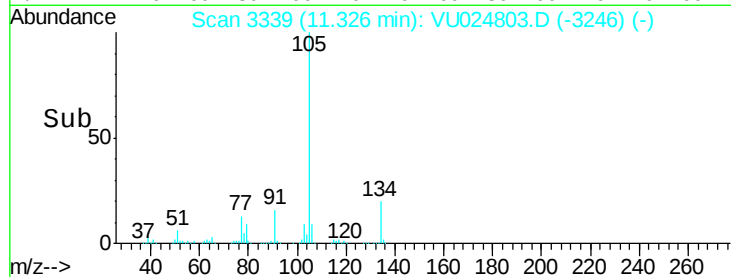
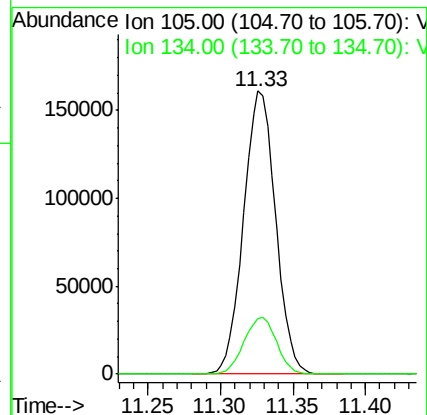
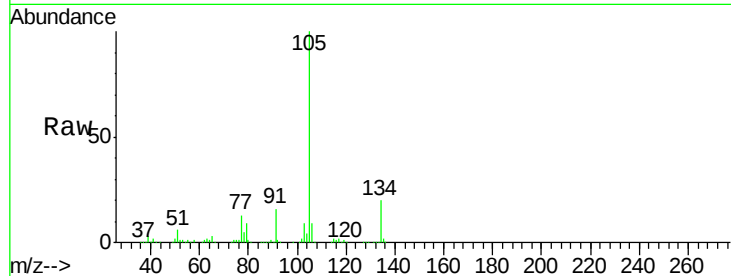
105 100

134 20.5 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 21.10 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

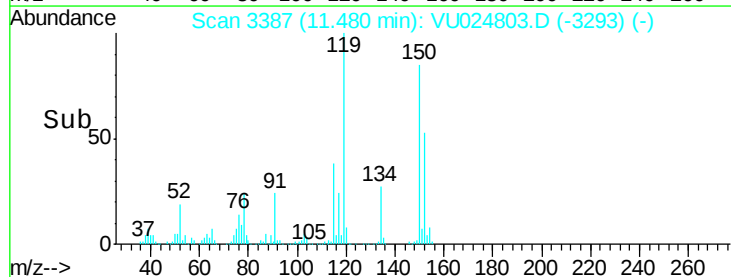
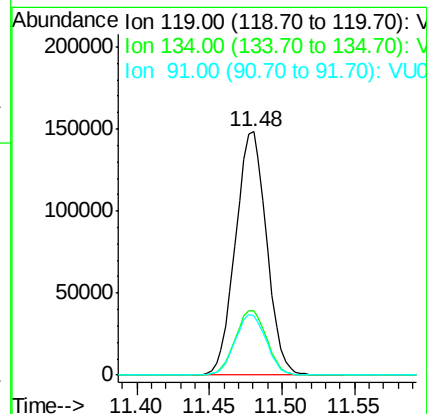
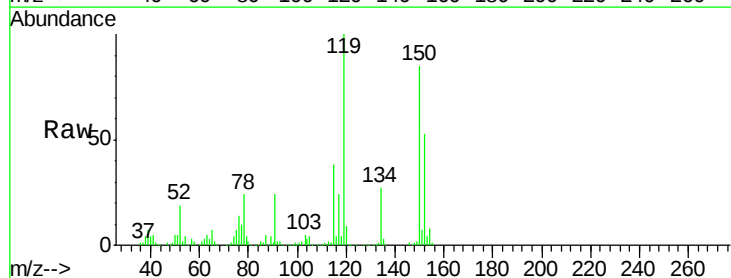
Tgt Ion:119 Resp: 221073

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

91 24.9 12.0 36.1





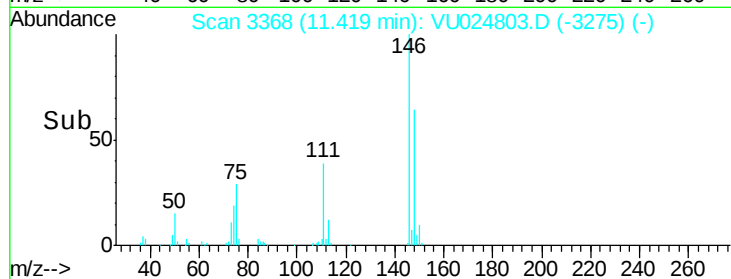
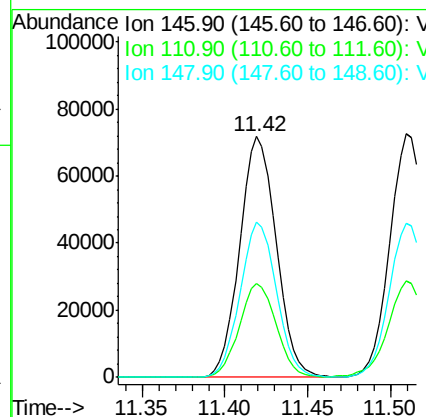
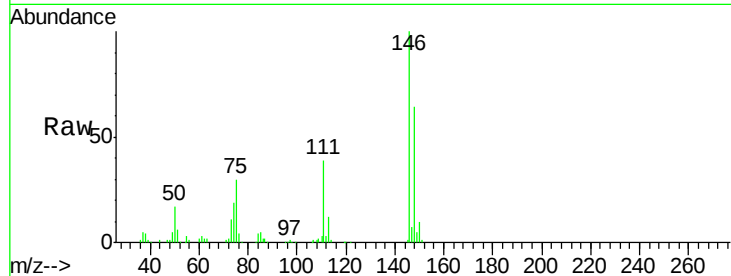
#87
 1,3-Dichlorobenzene
 Concen: 21.04 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	64.4	32.1	96.5

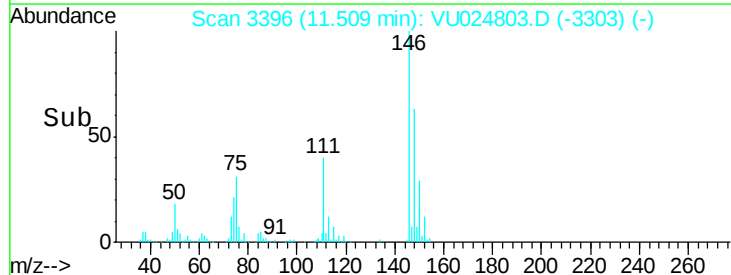
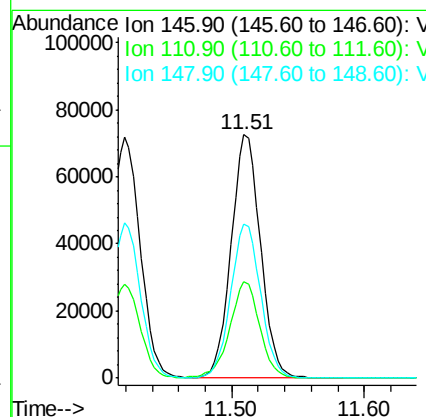
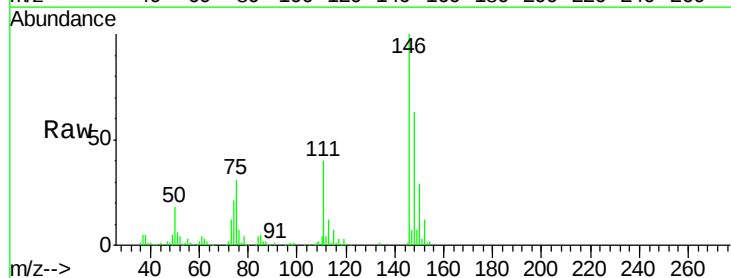
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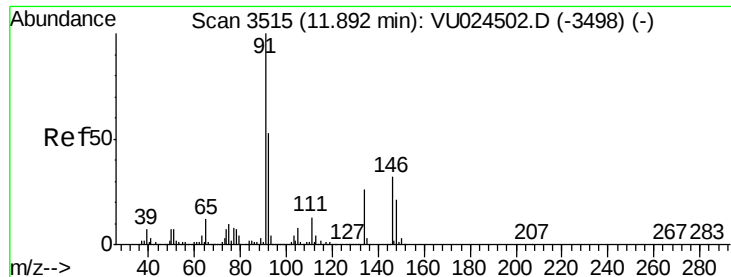
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#88
 1,4-Dichlorobenzene
 Concen: 21.16 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.5	58.5
148	64.8	32.4	97.0





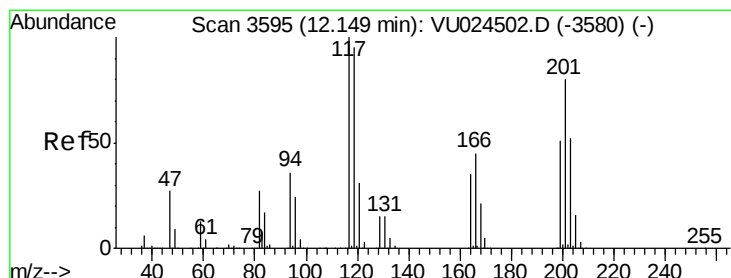
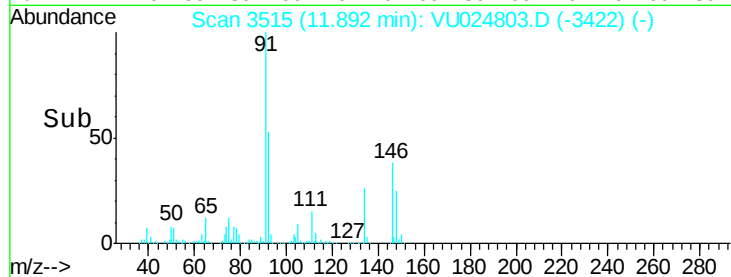
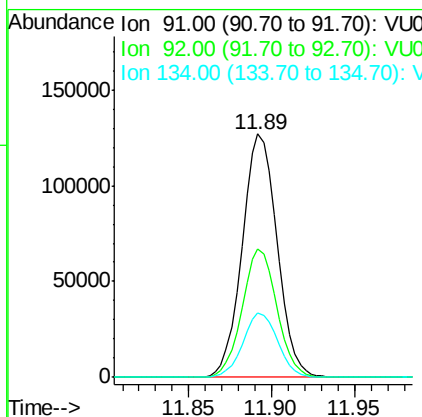
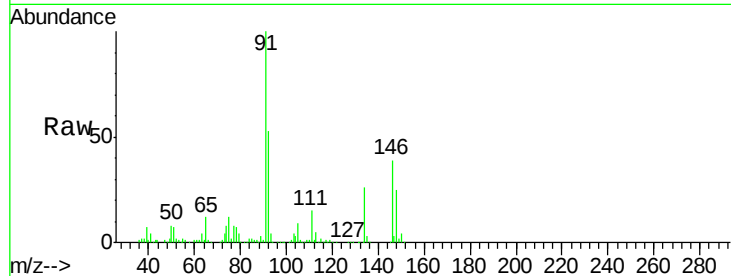
#89
n-Butylbenzene
Concen: 20.04 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.6	76.8
134	26.5	12.3	36.8

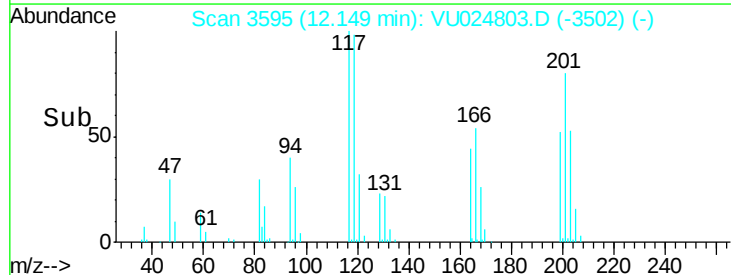
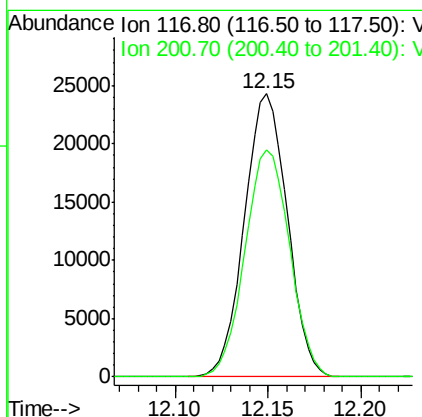
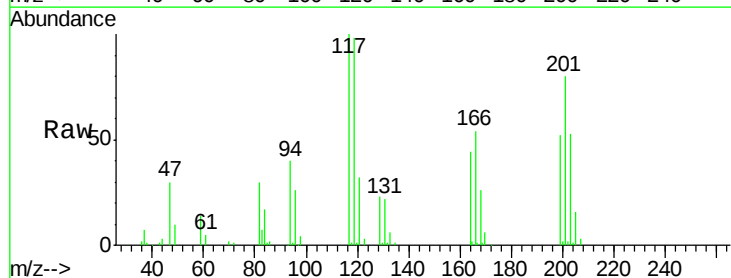
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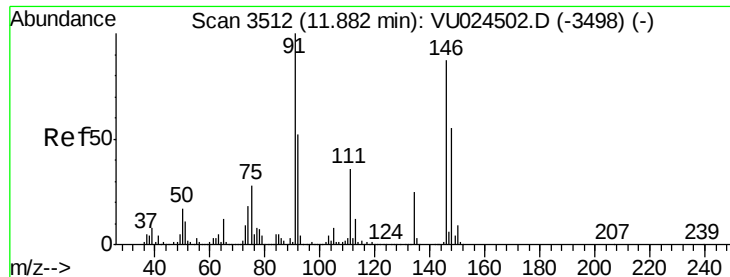
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#90
Hexachloroethane
Concen: 19.09 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024803.D
Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	41.1	123.3





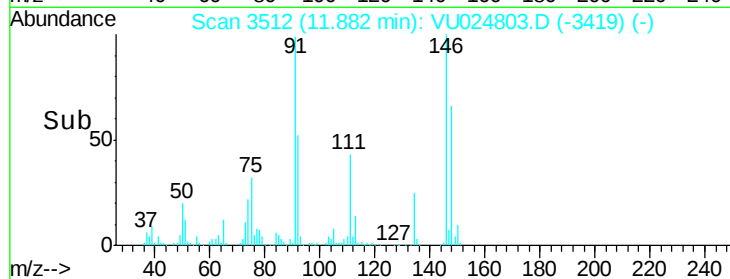
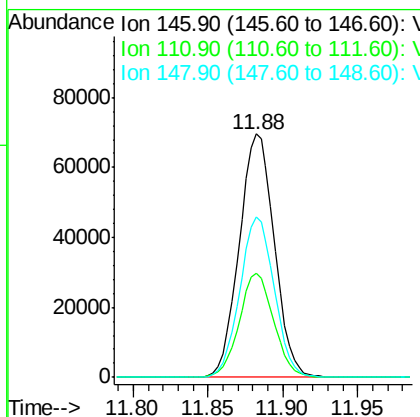
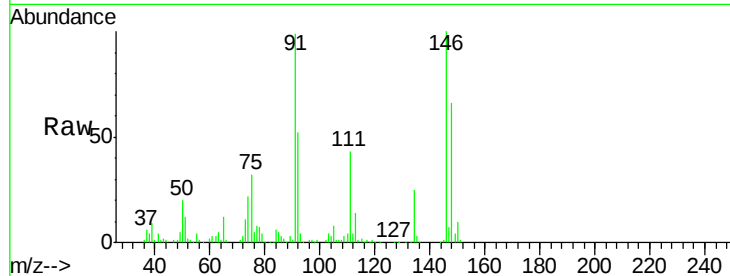
#91
 1,2-Dichlorobenzene
 Concen: 21.64 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.6
148	64.7	31.9	95.7

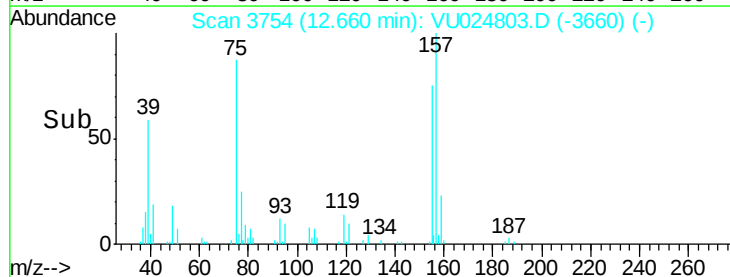
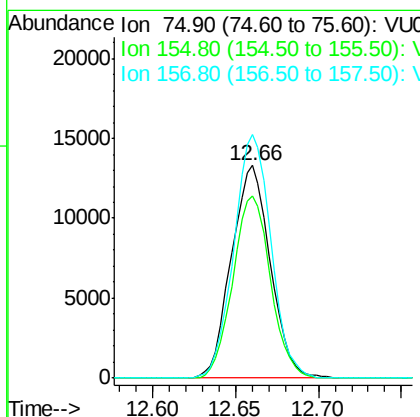
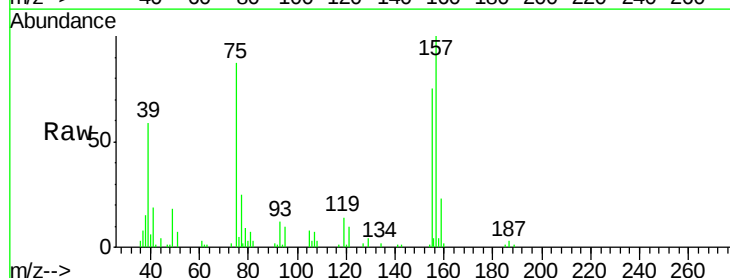
Manual Integrations
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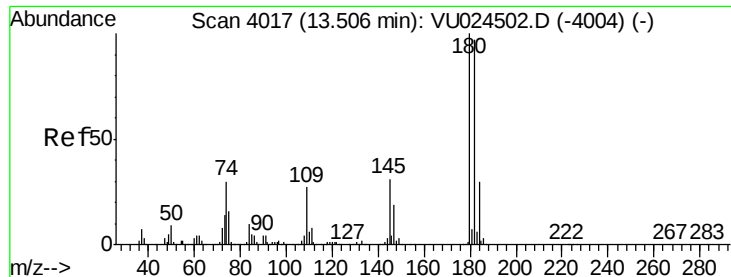
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.89 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	40.4	121.2
157	109.5	52.3	156.8





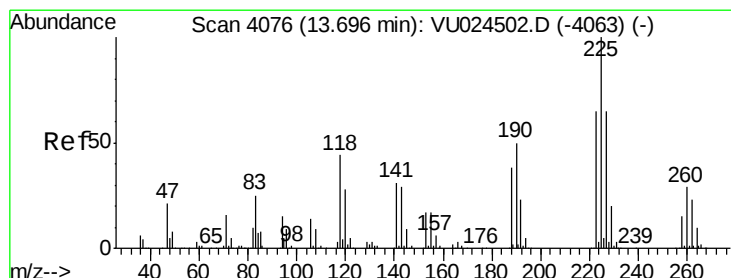
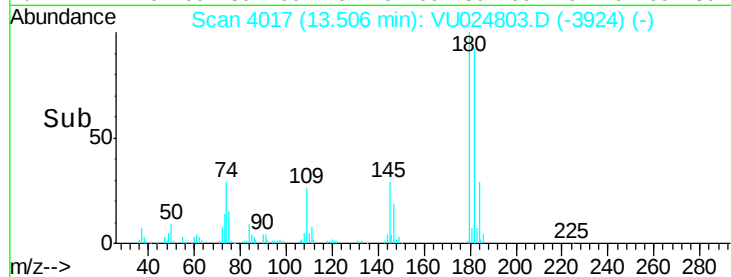
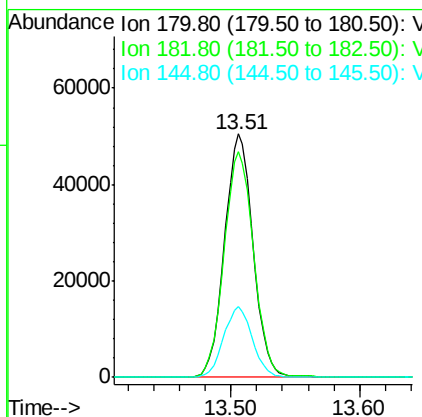
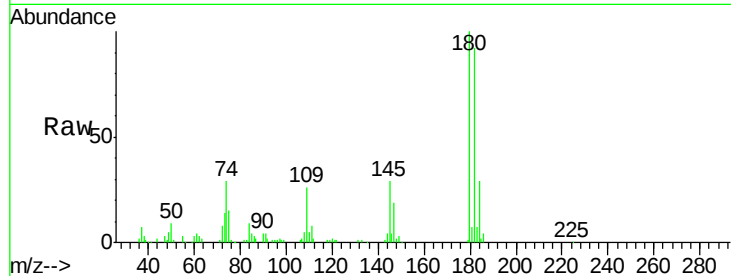
#93
 1,2,4-Trichlorobenzene
 Concen: 23.87 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	29.2	14.7	44.1

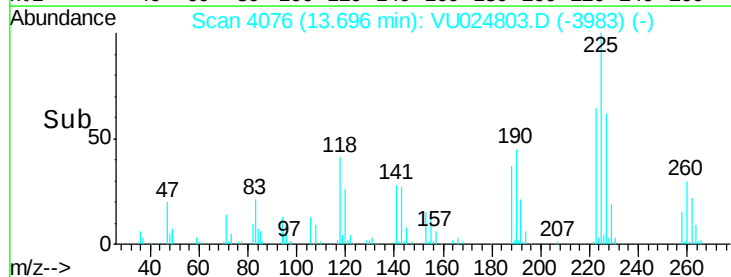
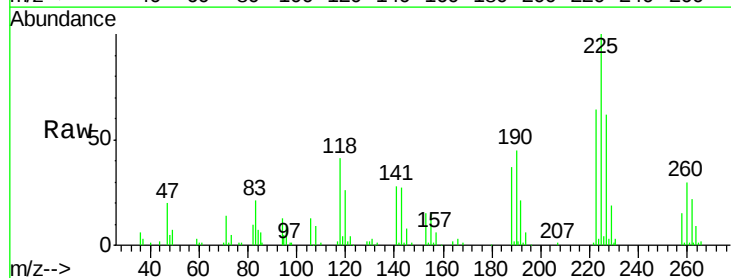
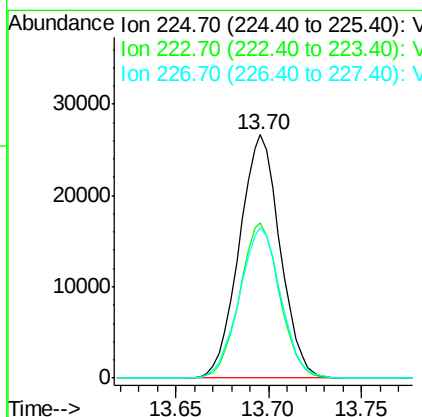
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#94
 Hexachlorobutadiene
 Concen: 22.25 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024803.D
 Acq: 21 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	62.7	31.8	95.4





#95

Naphthalene

Concen: 24.67 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Instrument :

MSVOA_U

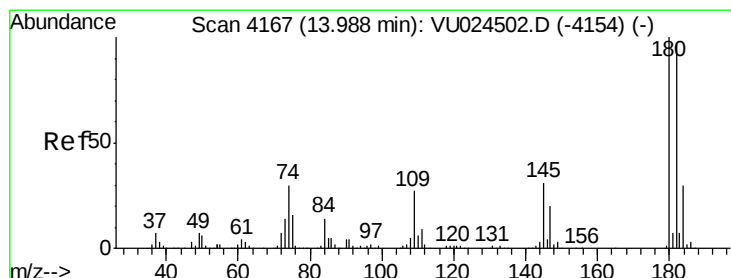
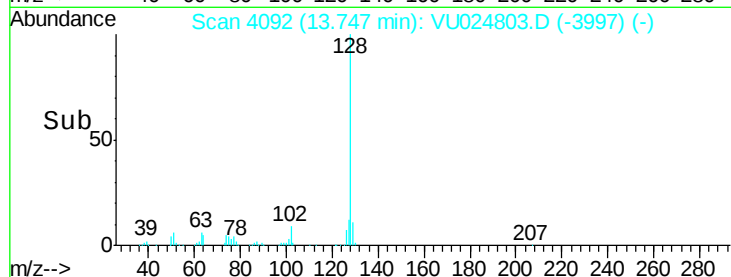
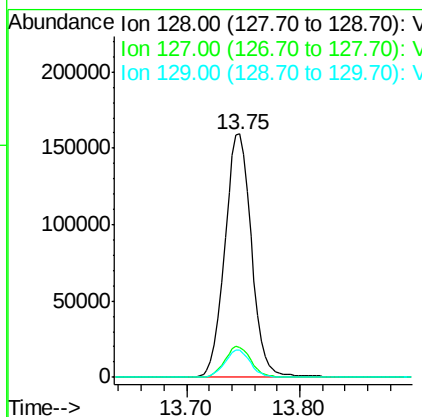
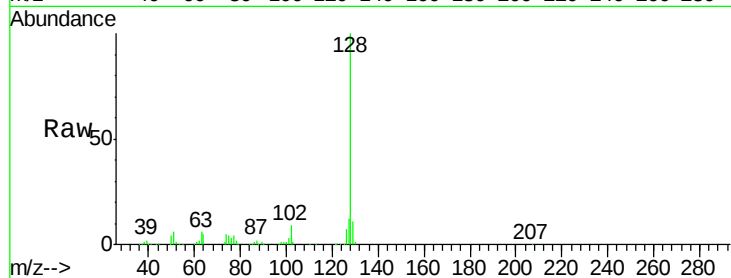
ClientSampleId :

VU0621WBSD01

Tot Ion:	128	Resp:	261185
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	10.7	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 25.93 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024803.D

Acq: 21 Jun 2018 12:00

Tgt Ion:	180	Resp:	83805
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.7
145	30.6	15.4	46.1

