

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024802.D
 Acq On : 21 Jun 2018 11:32
 Operator : MD/SY
 Sample : VU0621WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBS01

Manual Integrations
 APPROVED

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 6/22/2018 4:01:55 PM

Quant Time: Jun 21 15:33:14 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	168788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	253790	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	238441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	138684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	119963	43.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.08%	
35) Dibromofluoromethane	4.89	113	96301	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
50) Toluene-d8	7.57	98	353309	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	10.31	95	137136	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36950	17.49	ug/l	98
3) Chloromethane	1.33	50	41281	19.13	ug/l	97
4) Vinyl Chloride	1.40	62	42329	19.02	ug/l	95
5) Bromomethane	1.63	94	28988	26.94	ug/l	98
6) Chloroethane	1.70	64	27092	21.17	ug/l	99
7) Trichlorofluoromethane	1.89	101	71272	20.98	ug/l	99
8) Diethyl Ether	2.10	74	26580	21.94	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	40229	19.09	ug/l	98
10) Methyl Iodide	2.41	142	33344	22.01	ug/l	97
11) Tert butyl alcohol	2.82	59	52907	78.95	ug/l	99
12) 1,1-Dichloroethene	2.29	96	37085	19.30	ug/l	90
13) Acrolein	2.19	56	54065	153.63	ug/l	97
14) Allyl chloride	2.59	41	62919	17.63	ug/l	97
15) Acrylonitrile	2.94	53	121433	93.13	ug/l	99
16) Acetone	2.32	43	129404	87.40	ug/l	97
17) Carbon Disulfide	2.48	76	109332	17.77	ug/l	99
18) Methyl Acetate	2.62	43	62938	19.83	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	138520	19.17	ug/l	96
20) Methylene Chloride	2.71	84	44409	19.12	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	40923	19.33	ug/l	94
22) Diisopropyl ether	3.57	45	137224	19.40	ug/l	94
23) Vinyl Acetate	3.53	43	602695	95.11	ug/l	99
24) 1,1-Dichloroethane	3.45	63	78116	19.20	ug/l	99
25) 2-Butanone	4.26	43	183319	92.18	ug/l	97
26) 2,2-Dichloropropane	4.23	77	72826	18.85	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	48269	19.83	ug/l	99
28) Bromochloromethane	4.55	49	31287	17.45	ug/l	90
29) Tetrahydrofuran	4.63	42	112299	91.19	ug/l	97
30) Chloroform	4.68	83	81318	19.74	ug/l	96
31) Cyclohexane	5.00	56	76431	19.96	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	72650	19.07	ug/l	97
36) 1,1-Dichloropropene	5.14	75	59810	20.06	ug/l	97
37) Ethyl Acetate	4.38	43	65175	20.05	ug/l	96
38) Carbon Tetrachloride	5.14	117	65761	20.05	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	78433	21.08	ug/l	96
40) Benzene	5.39	78	178221	20.97	ug/l	99
41) Methacrylonitrile	4.54	41	36272	20.70	ug/l	98
42) 1,2-Dichloroethane	5.41	62	68510	21.17	ug/l	100
43) Isopropyl Acetate	5.55	43	108087	19.24	ug/l	99
44) Trichloroethene	6.19	130	49428	20.44	ug/l	94
45) 1,2-Dichloropropane	6.44	63	46835	20.66	ug/l	96
46) Dibromomethane	6.56	93	33996	21.35	ug/l	95
47) Bromodichloromethane	6.76	83	64006	20.18	ug/l	100
48) Methyl methacrylate	6.63	41	55853	20.42	ug/l	99
49) 1,4-Dioxane	6.62	88	23820	445.21	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	344591	97.62	ug/l	99
52) Toluene	7.64	92	115731	21.17	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	69496	19.51	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	75403	19.87	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	45791	20.60	ug/l	96
56) Ethyl methacrylate	8.02	69	74296	19.97	ug/l	99
57) 1,3-Dichloropropane	8.25	76	78988	21.07	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	118793	83.36	ug/l	96
59) 2-Hexanone	8.36	43	273899	95.05	ug/l	98
60) Dibromochloromethane	8.48	129	51739	18.67	ug/l	99
61) 1,2-Dibromoethane	8.59	107	51509	20.82	ug/l	98
64) Tetrachloroethene	8.23	164	45396	20.03	ug/l	97
65) Chlorobenzene	9.12	112	129591	21.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	48780	21.08	ug/l	98
67) Ethyl Benzene	9.25	91	222300	20.82	ug/l	97
68) m/p-Xylenes	9.38	106	172981	42.18	ug/l	97
69) o-Xylene	9.78	106	85382	21.04	ug/l	99
70) Styrene	9.80	104	136598	20.48	ug/l	100
71) Bromoform	9.96	173	40780	18.54	ug/l #	100
73) Isopropylbenzene	10.17	105	232275	21.81	ug/l	99
74) N-amyl acetate	10.01	43	100306	19.81	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	74900	20.99	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	66365m	21.74	ug/l	
77) Bromobenzene	10.45	156	57701	21.41	ug/l	94
78) n-propylbenzene	10.59	91	263801	21.03	ug/l	97
79) 2-Chlorotoluene	10.66	91	156766	21.19	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	199214	21.59	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	19097m	14.48	ug/l	
82) 4-Chlorotoluene	10.78	91	181795	21.12	ug/l	100
83) tert-Butylbenzene	11.10	119	200100	22.54	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	205918	21.89	ug/l	100
85) sec-Butylbenzene	11.33	105	240484	21.64	ug/l	97
86) p-Isopropyltoluene	11.48	119	215174	21.62	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	105263	21.14	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	105672	21.08	ug/l	99
89) n-Butylbenzene	11.89	91	178949	20.25	ug/l	98
90) Hexachloroethane	12.15	117	38072	19.61	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	106786	21.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19000	19.30	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	72372	23.49	ug/l	99
94) Hexachlorobutadiene	13.70	225	39229	22.63	ug/l	100
95) Naphthalene	13.74	128	232719	23.19	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76863	25.04	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: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion:168 Resp: 168788

Ion Ratio Lower Upper

168 100

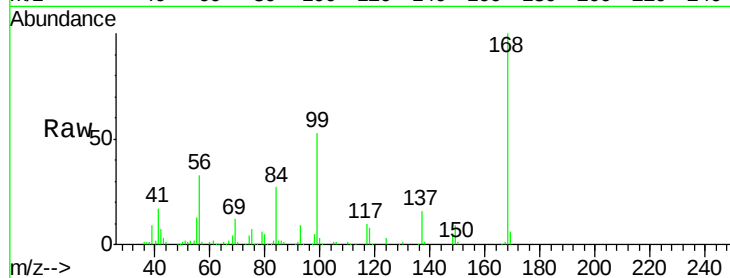
99 52.5 43.2 64.8

Manual Integrations

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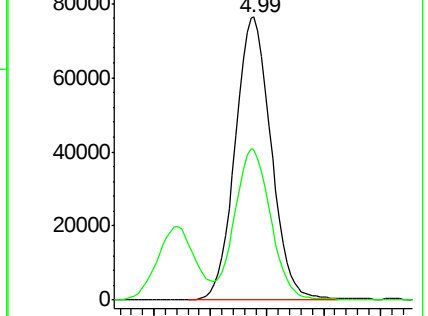
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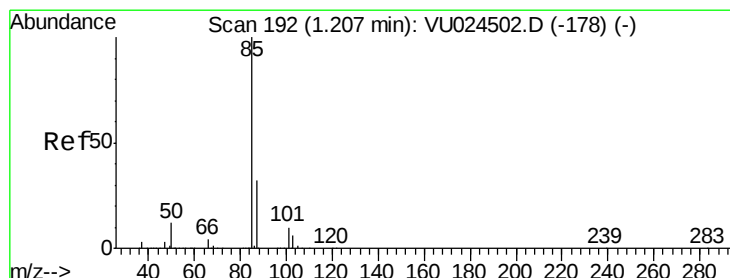
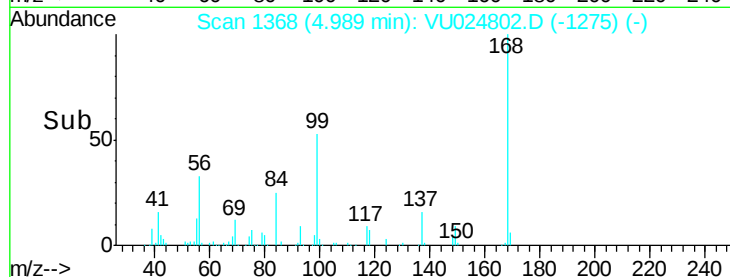


Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



Time-->



#2

Dichlorodifluoromethane

Concen: 17.49 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024802.D

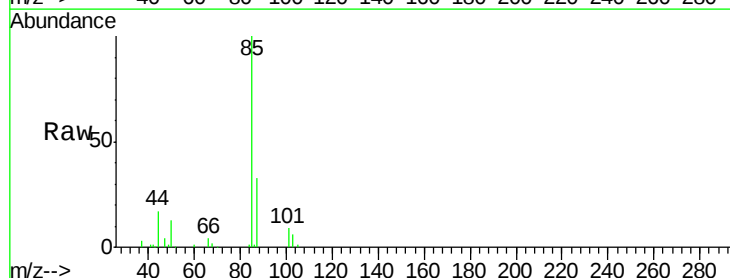
Acq: 21 Jun 2018 11:32

Tgt Ion: 85 Resp: 36950

Ion Ratio Lower Upper

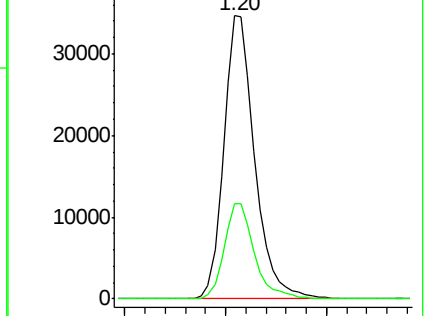
85 100

87 33.5 16.1 48.2

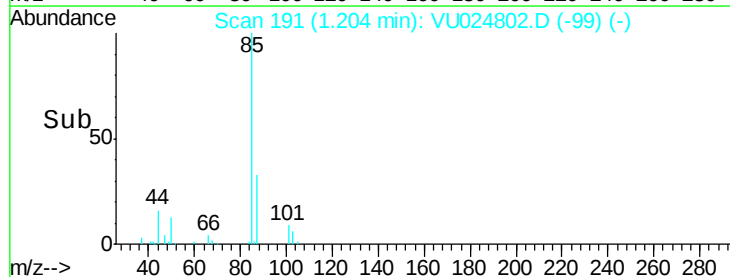


Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

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



Time-->





#3

Chloromethane

Concen: 19.13 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion: 50 Resp: 41281

Ion Ratio Lower Upper

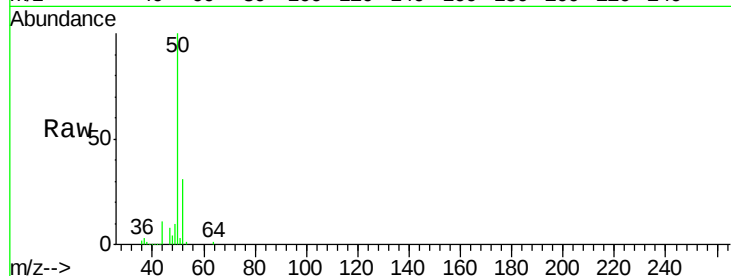
50 100

52 31.5 26.4 39.6

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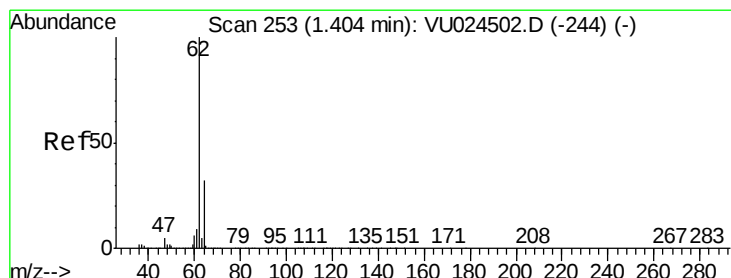
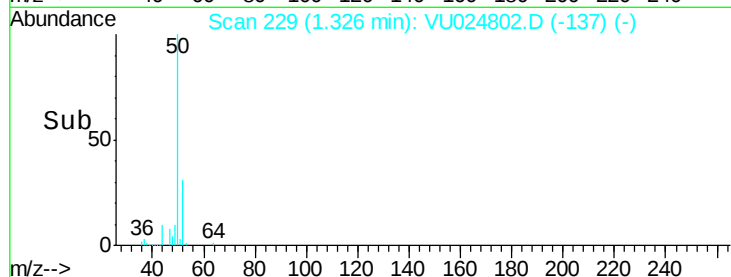
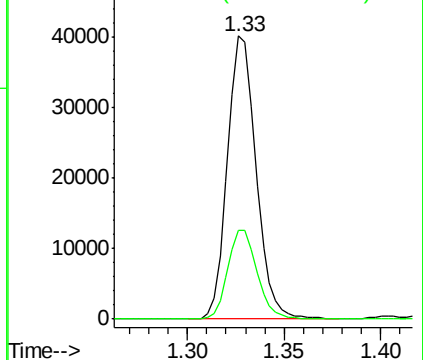
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 19.02 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024802.D

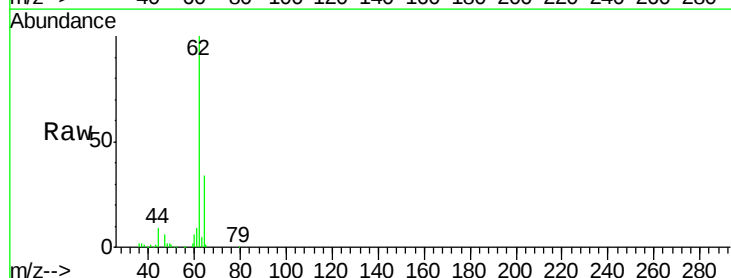
Acq: 21 Jun 2018 11:32

Tgt Ion: 62 Resp: 42329

Ion Ratio Lower Upper

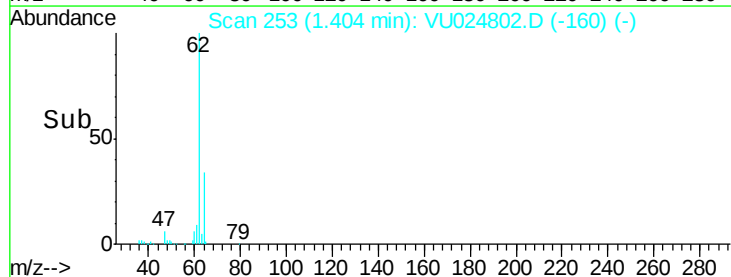
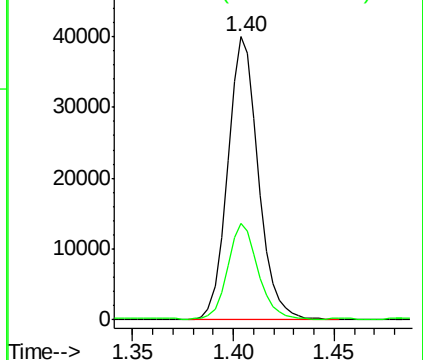
62 100

64 33.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 26.94 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion: 94 Resp: 28988

Ion Ratio Lower Upper

94 100

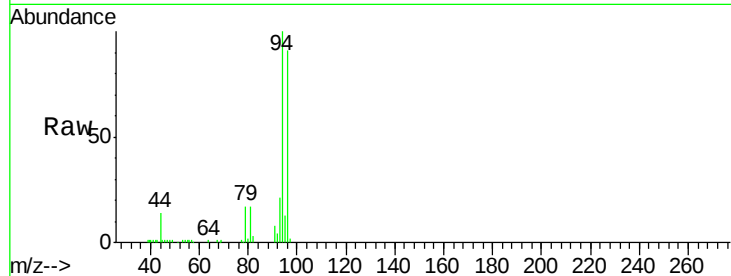
96 91.2 74.5 111.7

Manual Integrations

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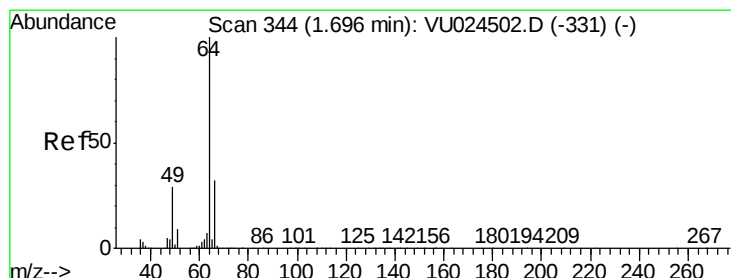
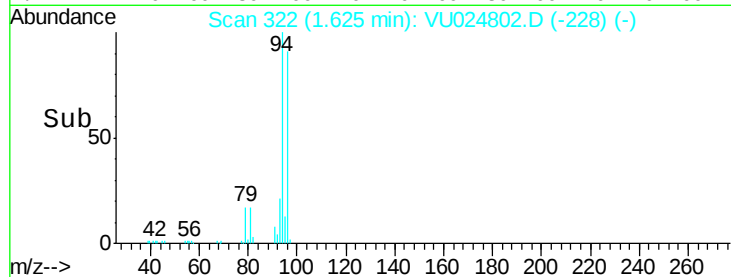
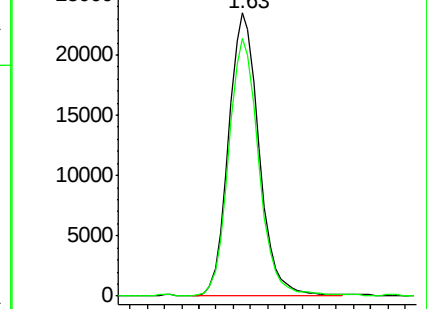
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 21.17 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024802.D

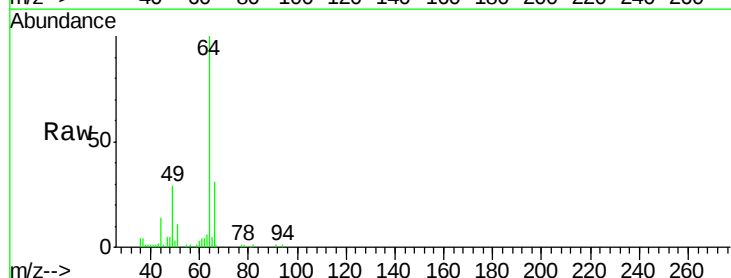
Acq: 21 Jun 2018 11:32

Tgt Ion: 64 Resp: 27092

Ion Ratio Lower Upper

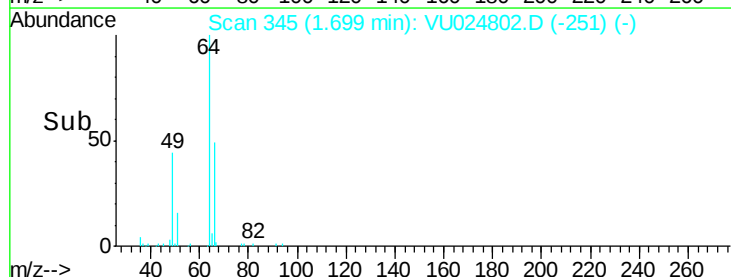
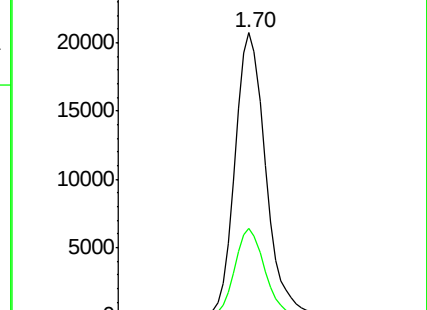
64 100

66 31.1 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: 20.98 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion:101 Resp: 71272

Ion Ratio Lower Upper

101 100

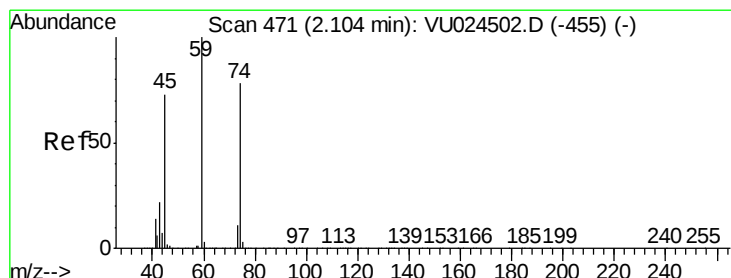
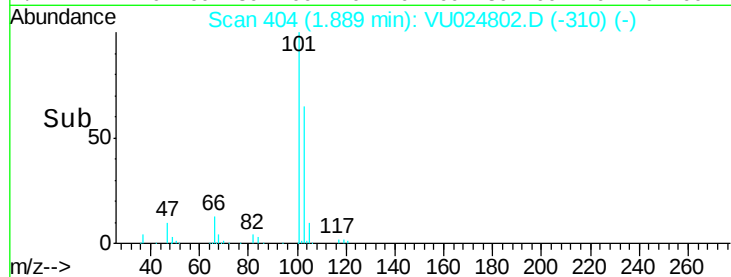
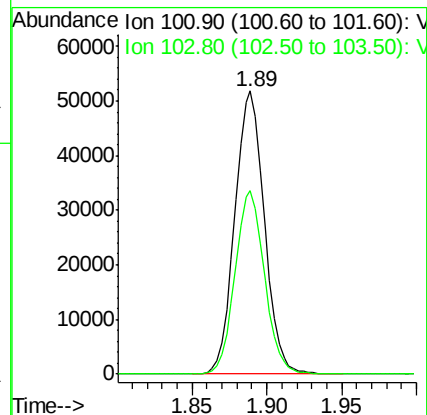
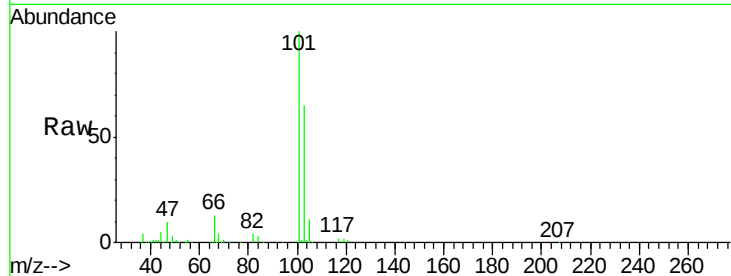
103 64.8 52.3 78.5

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#8

Diethyl Ether

Concen: 21.94 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024802.D

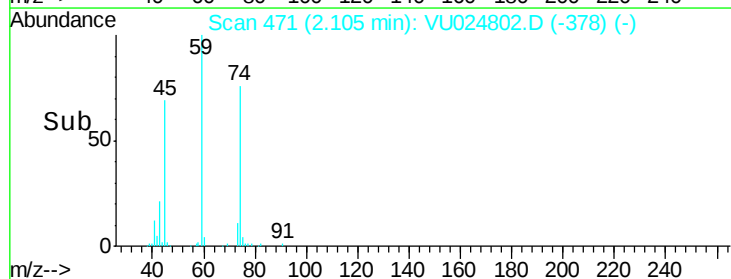
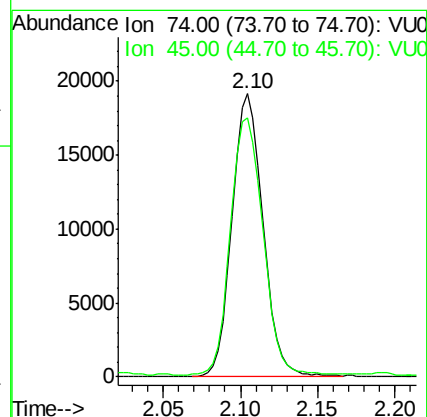
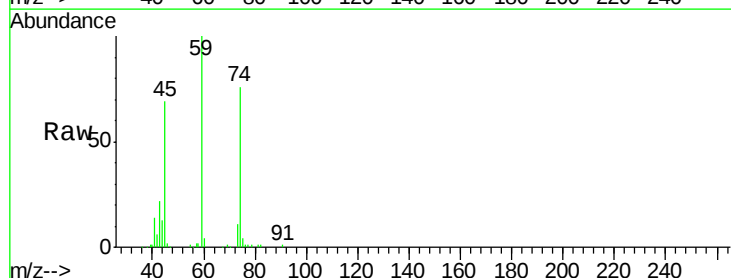
Acq: 21 Jun 2018 11:32

Tgt Ion: 74 Resp: 26580

Ion Ratio Lower Upper

74 100

45 95.0 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.09 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

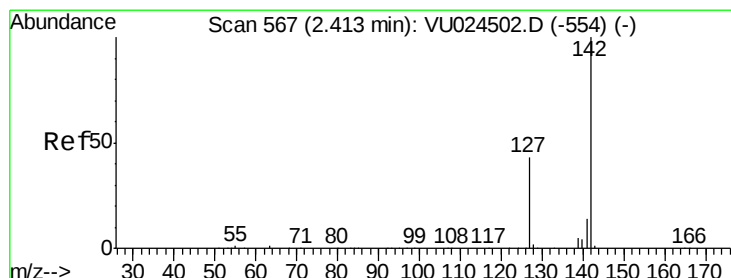
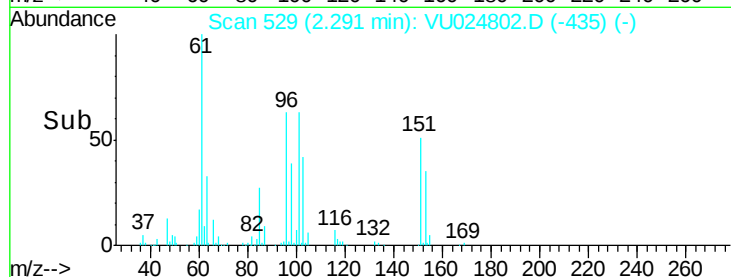
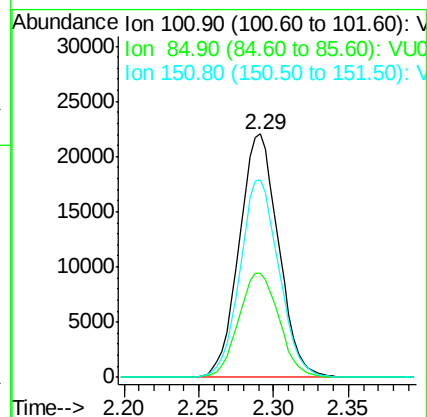
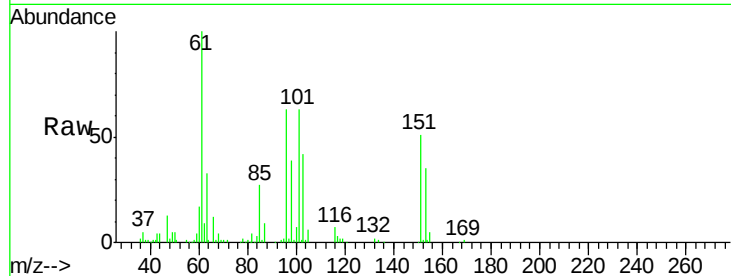
ClientSampleId :

VU0621WBS01

Tot Ion:	101	Resp:	40229
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.0	54.0
151	80.4	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 22.01 ug/l

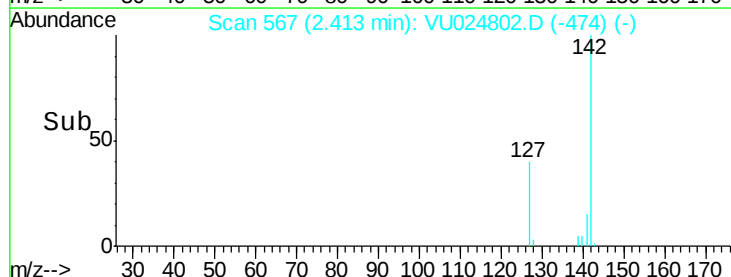
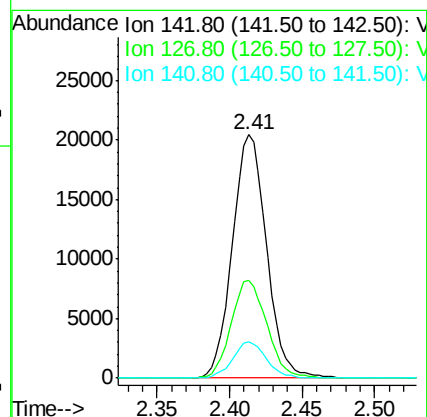
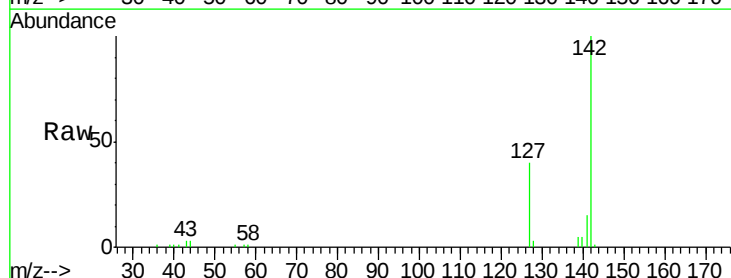
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	142	Resp:	33344
Ion Ratio	Lower	Upper	
142	100		
127	41.9	35.6	53.4
141	14.6	11.7	17.5





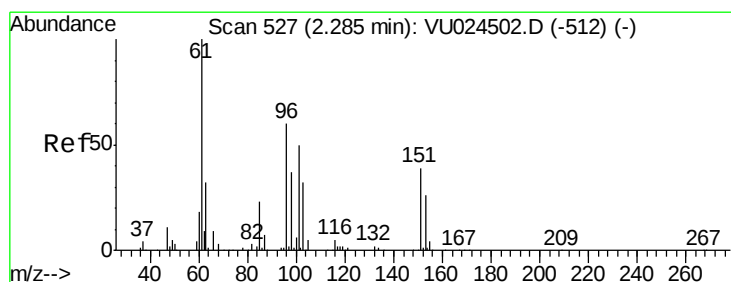
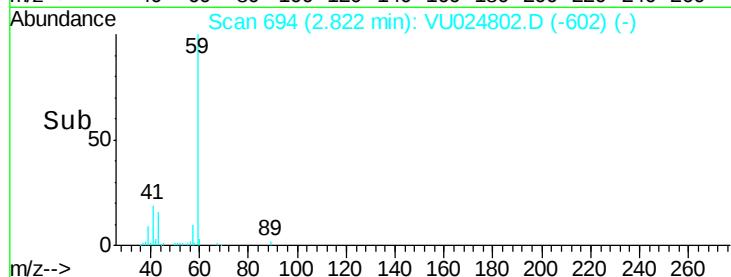
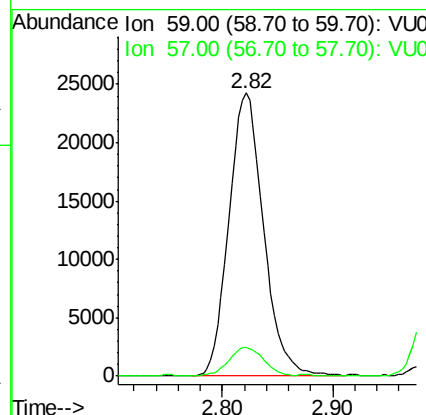
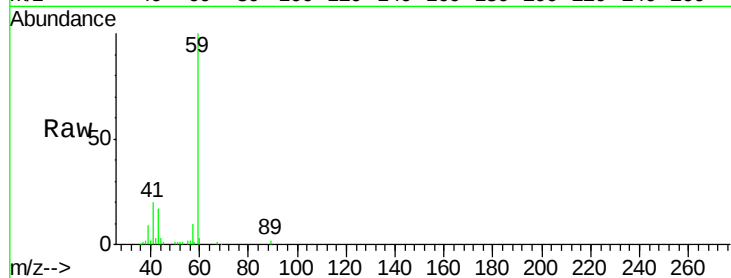
#11
Tert butyl alcohol
Concen: 78.95 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

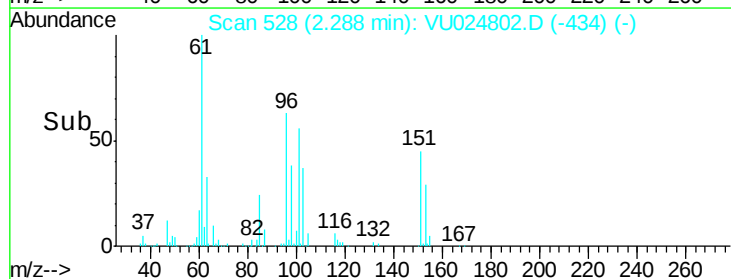
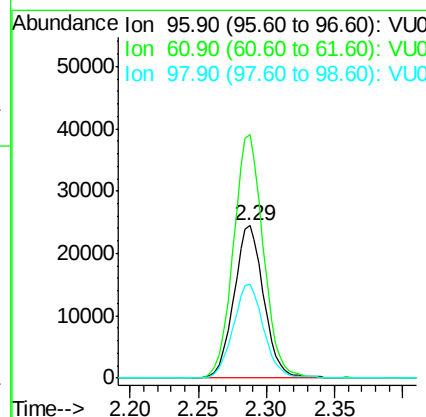
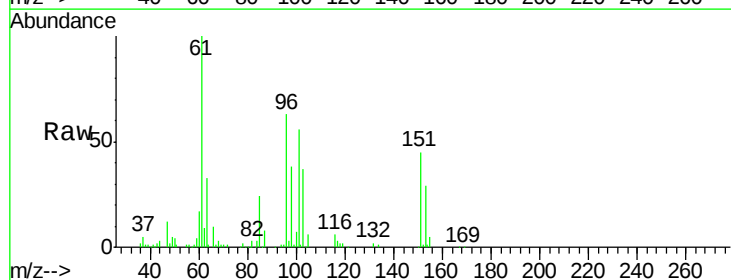
Manual Integrations
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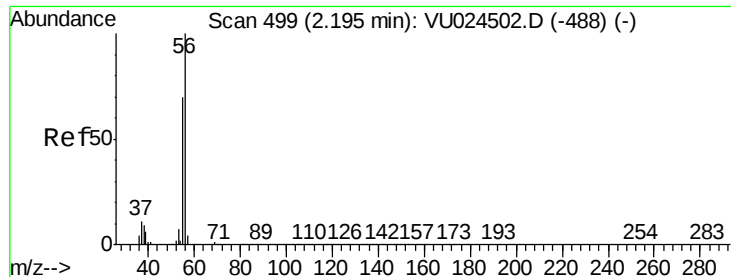
apatel
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#12
1,1-Dichloroethene
Concen: 19.30 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.9	141.7	212.5
98	61.5	51.6	77.4





#13

Acrolein

Concen: 153.63 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion: 56 Resp: 54065

Ion Ratio Lower Upper

56 100

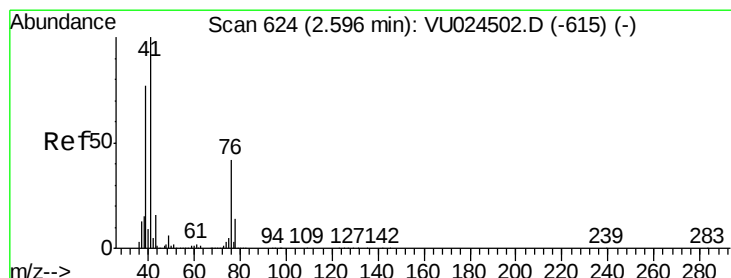
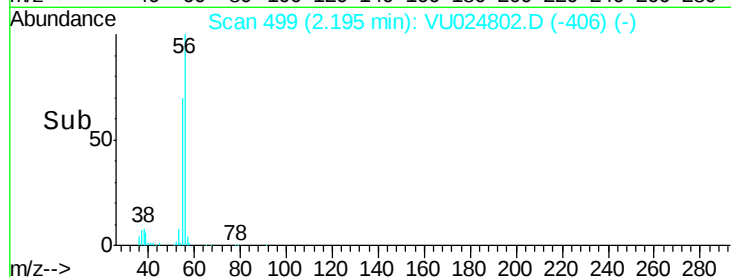
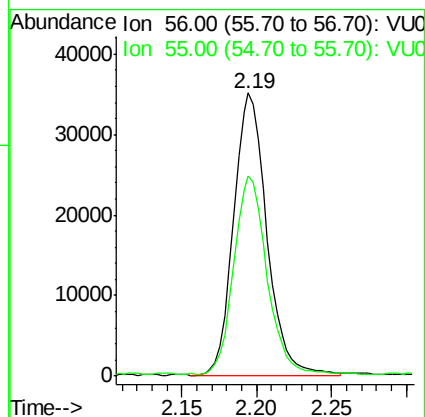
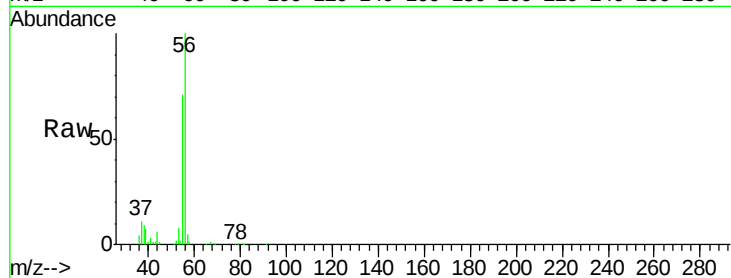
55 70.3 58.4 87.6

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#14

Allyl chloride

Concen: 17.63 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

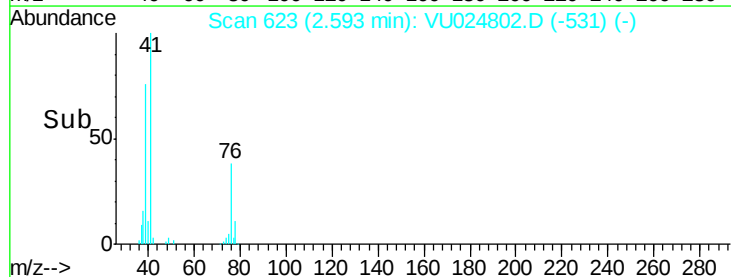
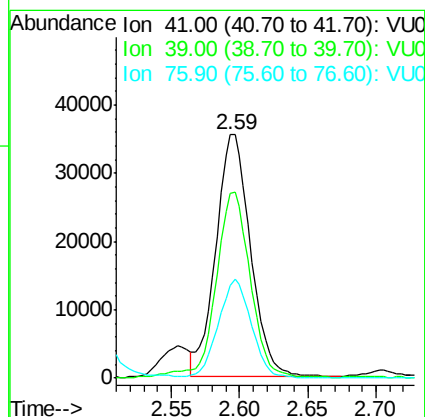
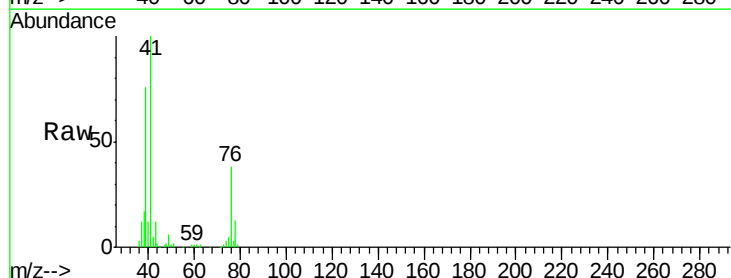
Tgt Ion: 41 Resp: 62919

Ion Ratio Lower Upper

41 100

39 74.8 61.6 92.4

76 38.8 29.7 44.5





#15

Acrylonitrile

Concen: 93.13 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

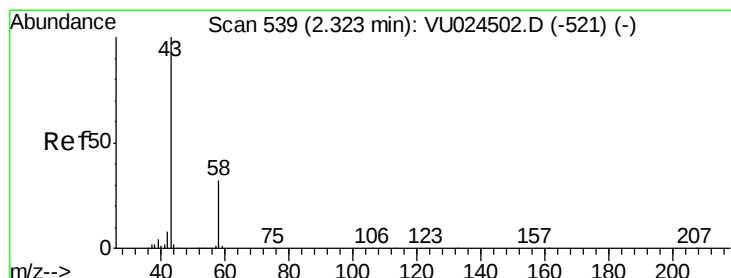
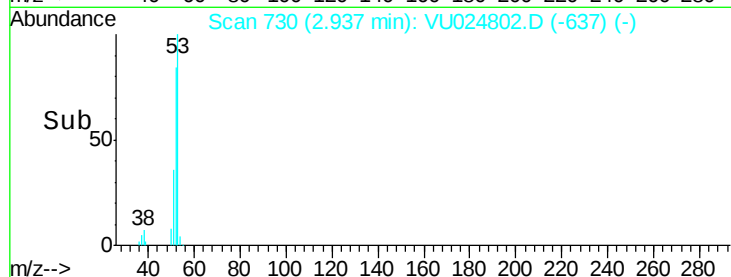
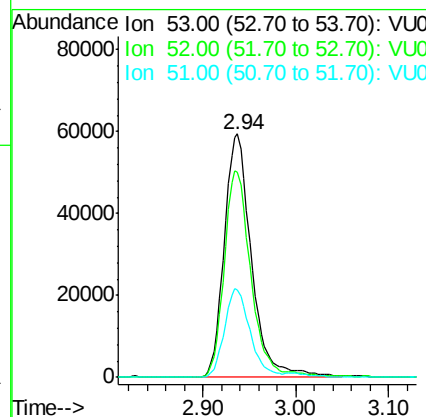
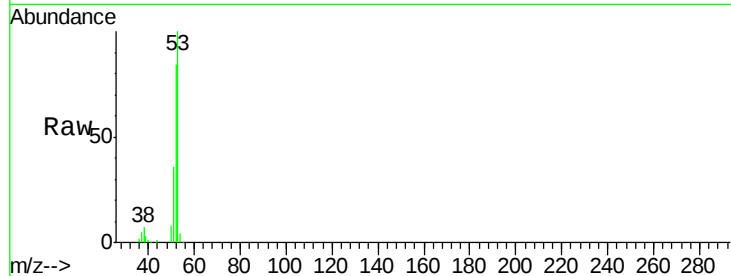
ClientSampleId :

VU0621WBS01

Tot Ion:	53	Resp:	121433
Ion Ratio	Lower	Upper	
53	100		
52	83.0	67.1	100.7
51	34.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 87.40 ug/l

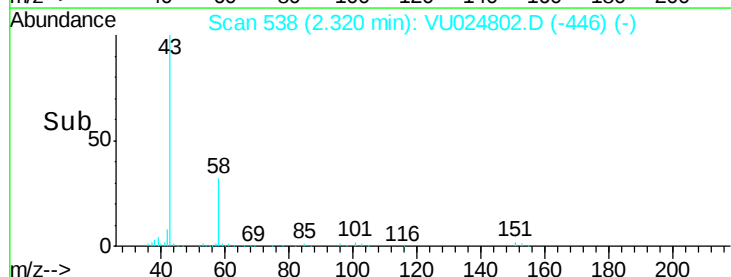
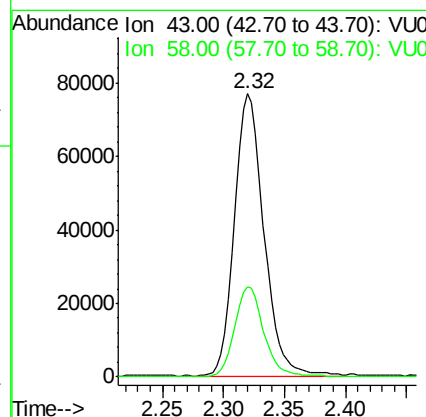
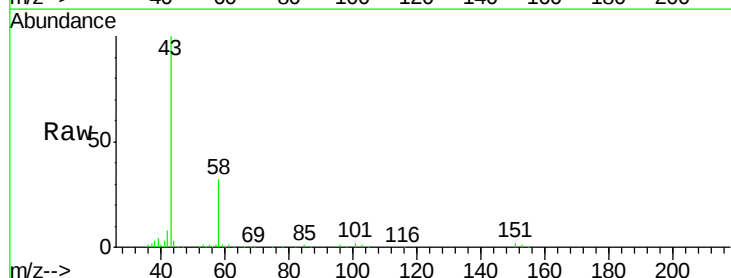
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	43	Resp:	129404
Ion Ratio	Lower	Upper	
43	100		
58	31.9	24.4	36.6





#17

Carbon Disulfide

Concen: 17.77 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion: 76 Resp: 109332

Ion Ratio Lower Upper

76 100

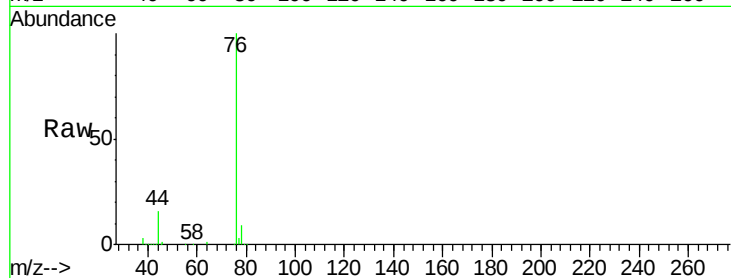
78 9.2 7.1 10.7

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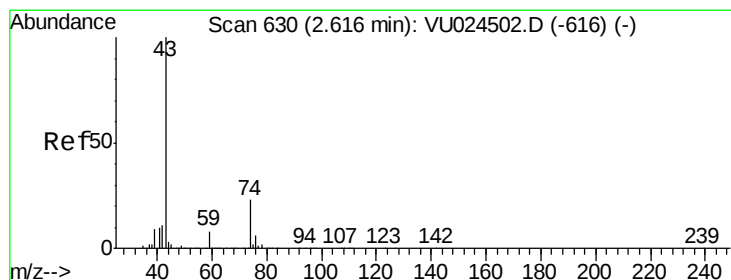
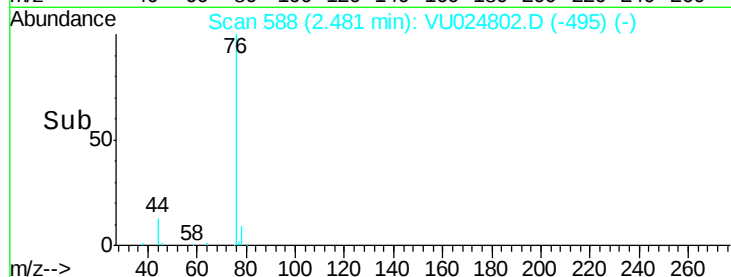
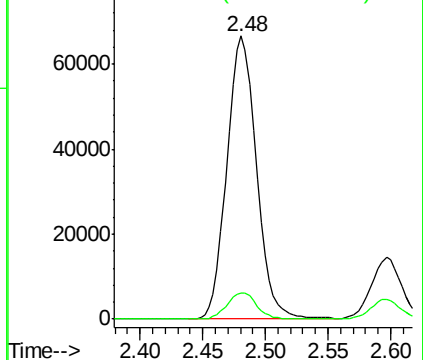
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 19.83 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024802.D

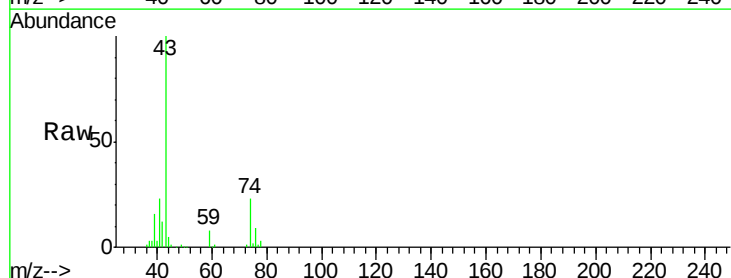
Acq: 21 Jun 2018 11:32

Tgt Ion: 43 Resp: 62938

Ion Ratio Lower Upper

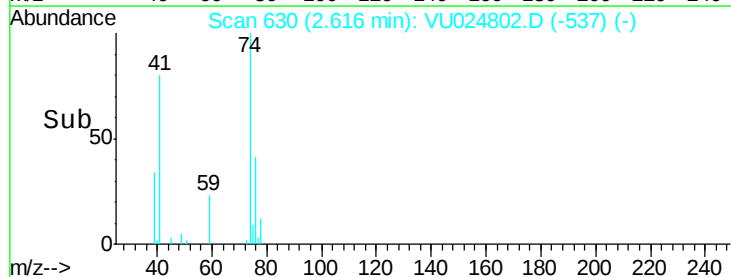
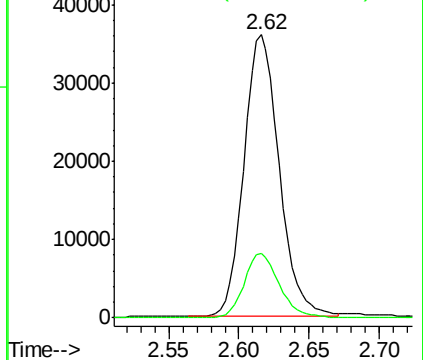
43 100

74 22.8 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#19

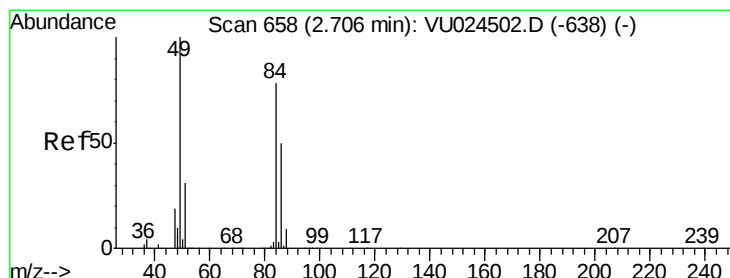
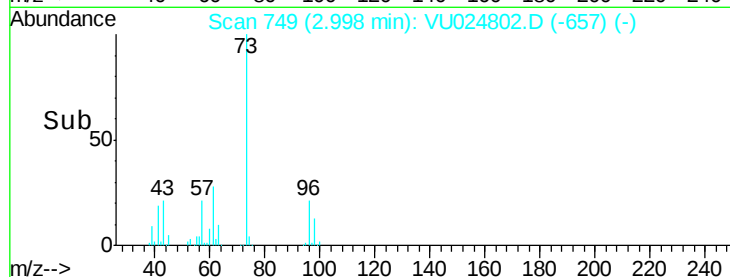
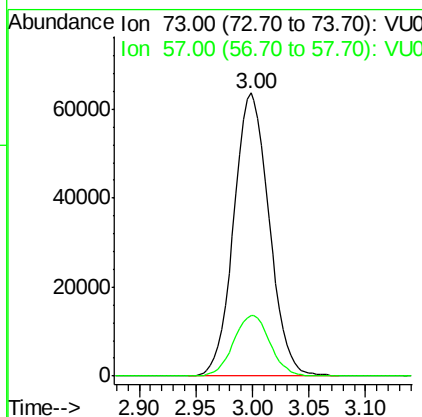
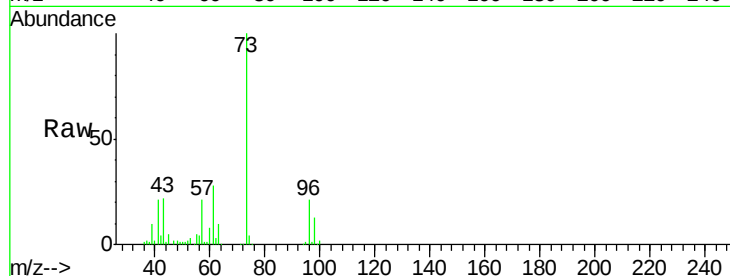
Methyl tert-butyl Ether
 Concen: 19.17 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.8	28.2

Manual Integrations
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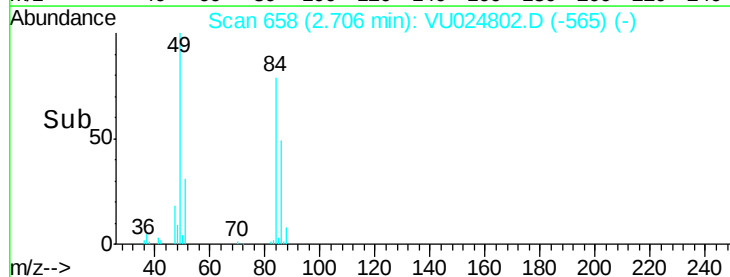
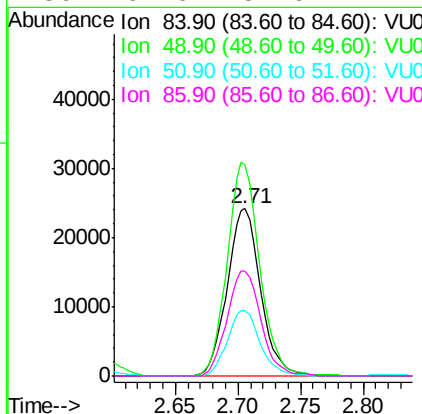
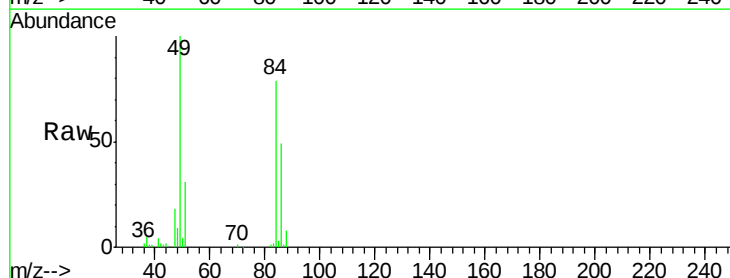
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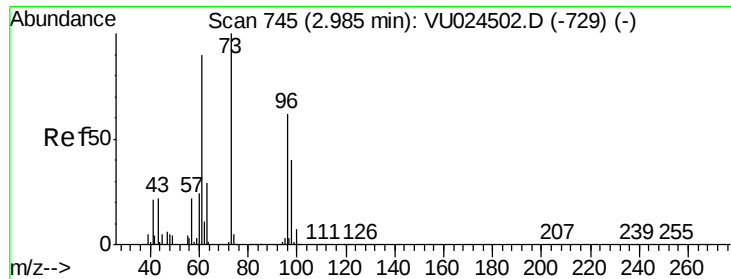


#20

Methylene Chloride
 Concen: 19.12 ug/l
 RT: 2.71 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.6	103.8	155.8
51	39.1	32.0	48.0
86	62.6	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.33 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

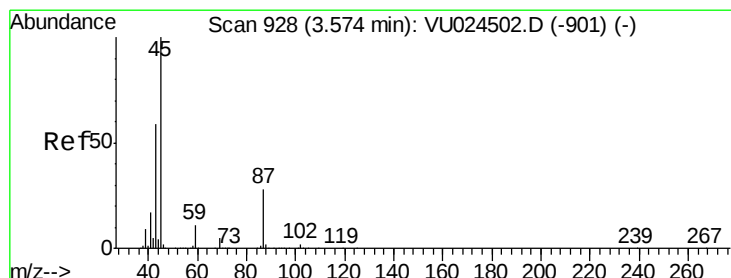
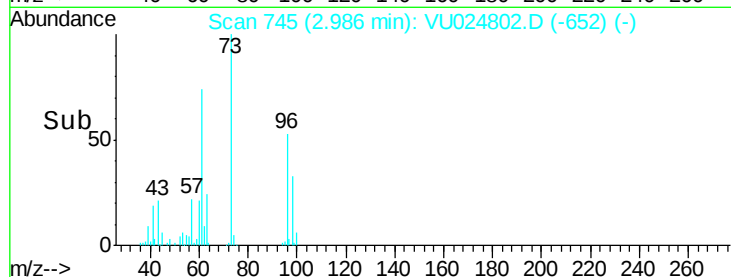
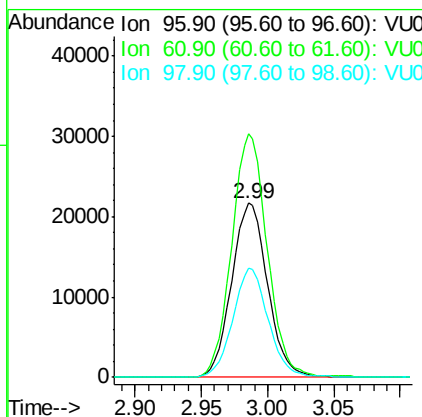
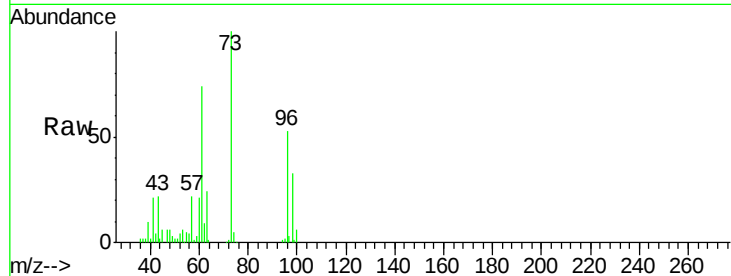
ClientSampleId :

VU0621WBS01

Tot Ion:	96	Resp:	40923
Ion	Ratio	Lower	Upper
96	100		
61	139.8	119.4	179.0
98	63.1	51.1	76.7

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#22

Diisopropyl ether

Concen: 19.40 ug/l

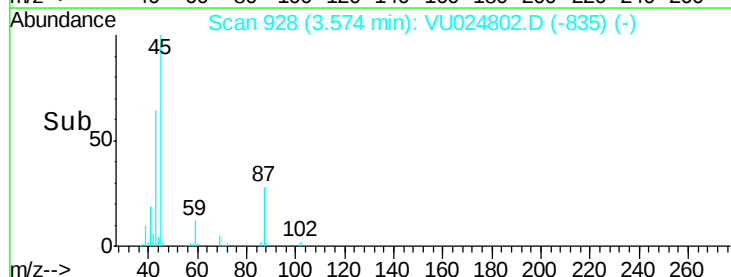
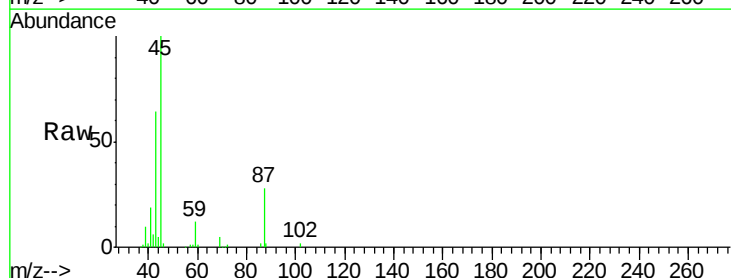
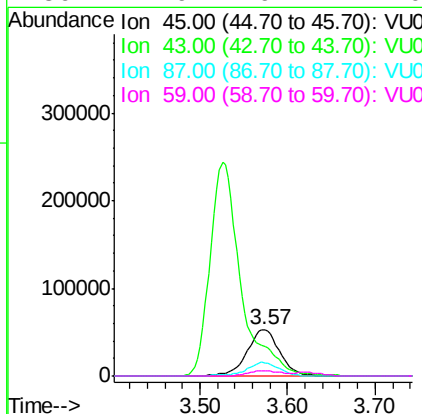
RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	45	Resp:	137224
Ion	Ratio	Lower	Upper
45	100		
43	62.4	45.8	68.6
87	28.3	20.6	31.0
59	11.9	9.4	14.0





#23

Vinyl Acetate

Concen: 95.11 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tot Ion: 43 Resp: 602695

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8

Instrument :

MSVOA_U

ClientSampleId :

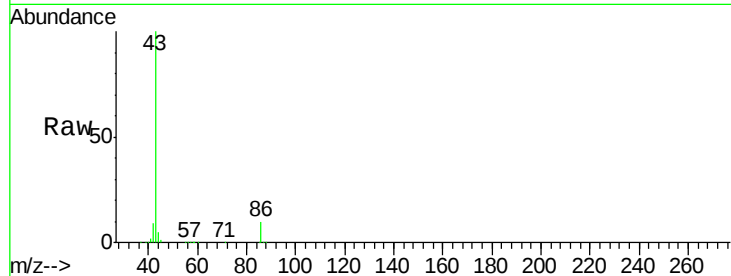
VU0621WBS01

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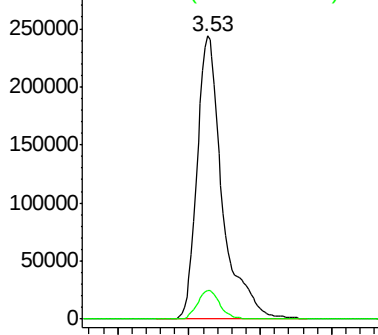
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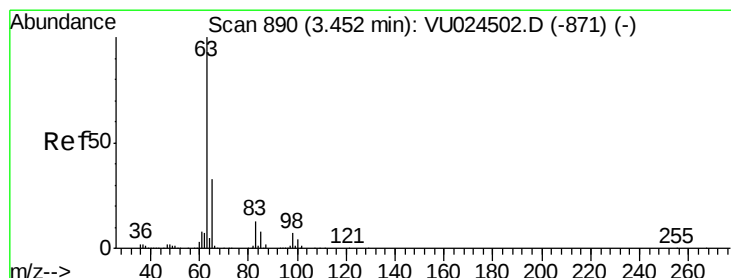
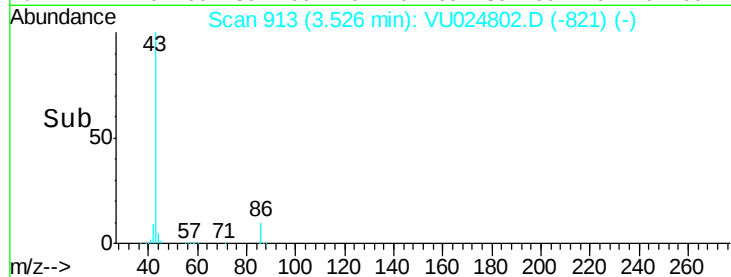


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 19.20 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

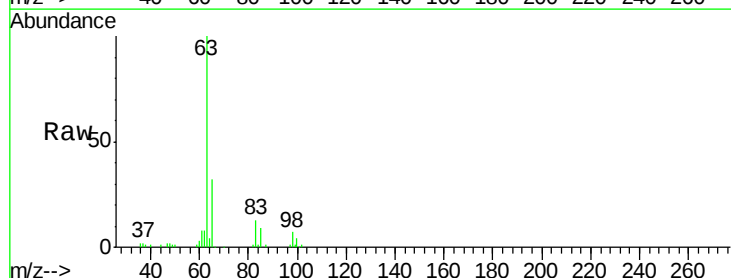
Tgt Ion: 63 Resp: 78116

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

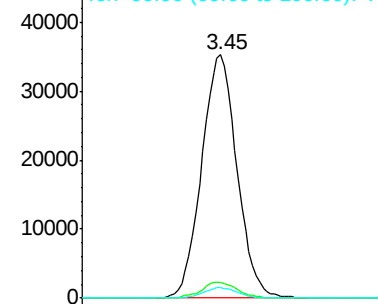
100 4.4 1.8 5.5



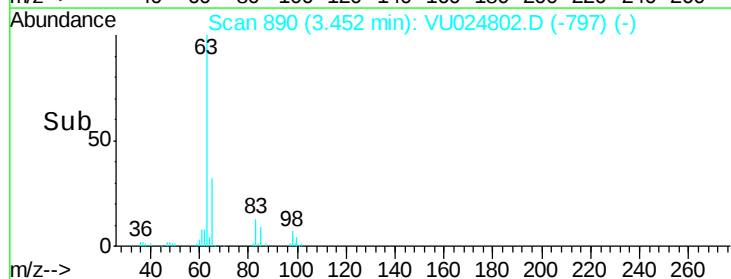
Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->





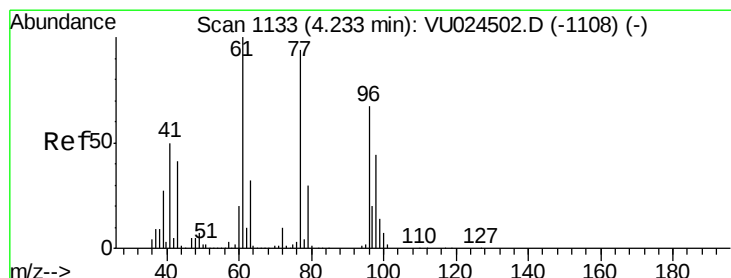
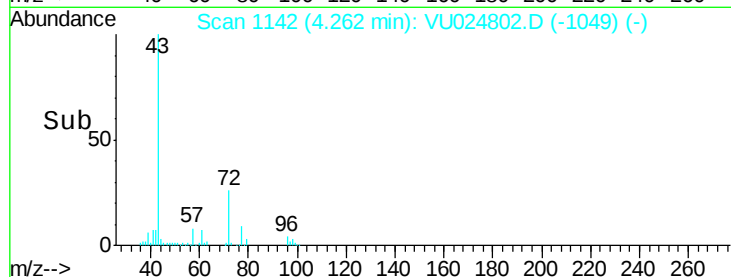
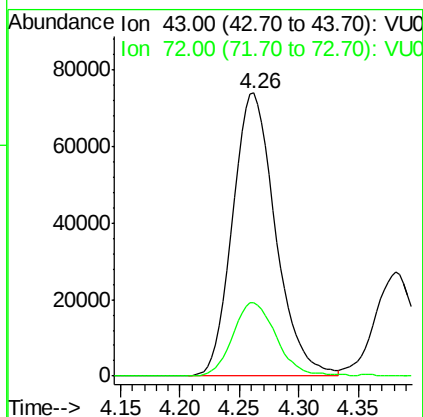
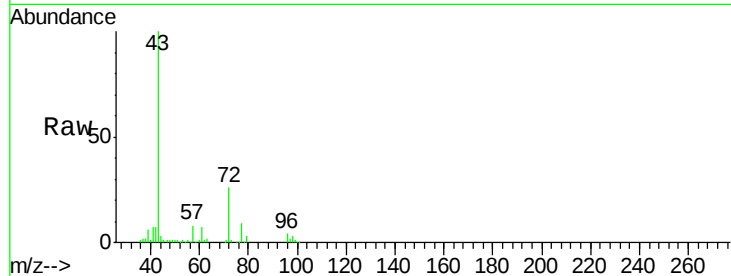
#25
2-Butanone
Concen: 92.18 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.9	19.6	29.4

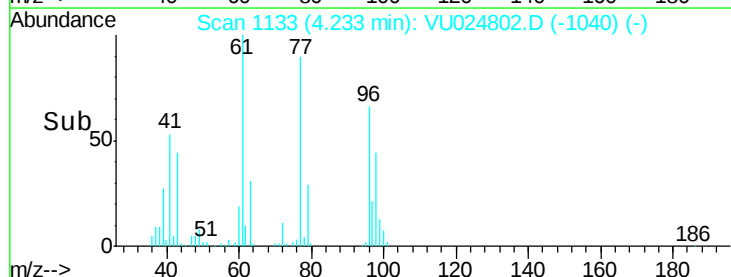
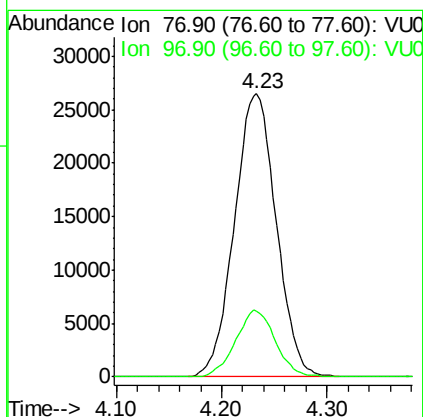
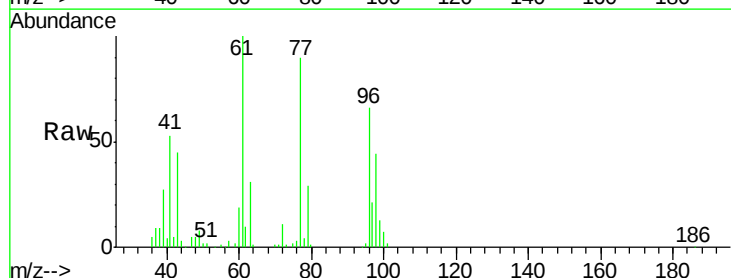
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#26
2,2-Dichloropropane
Concen: 18.85 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.3	33.8





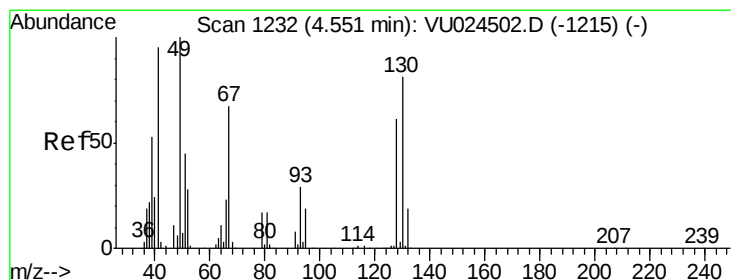
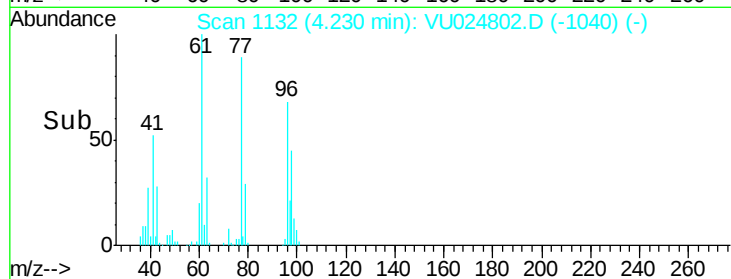
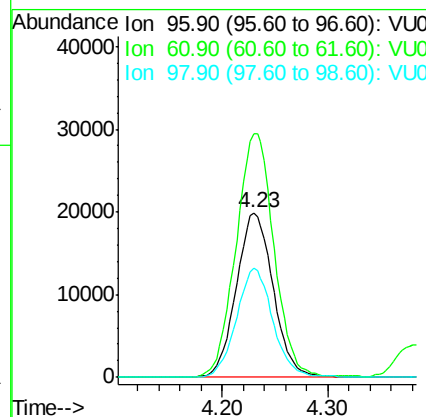
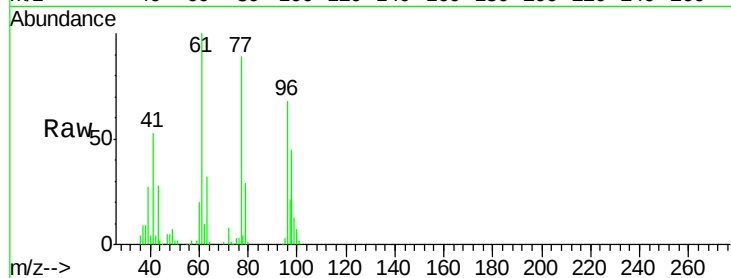
#27
 cis-1,2-Dichloroethene
 Concen: 19.83 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.8	0.0	306.6
98	65.3	0.0	128.8

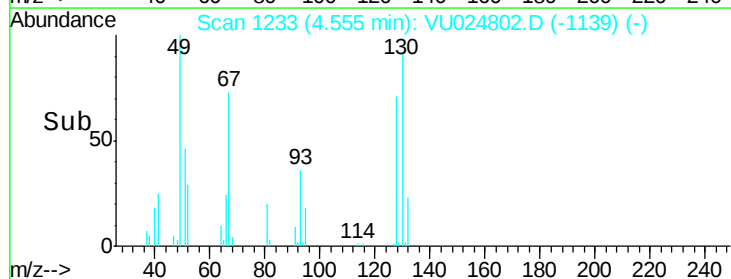
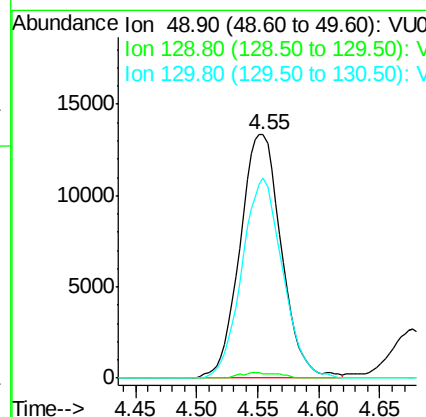
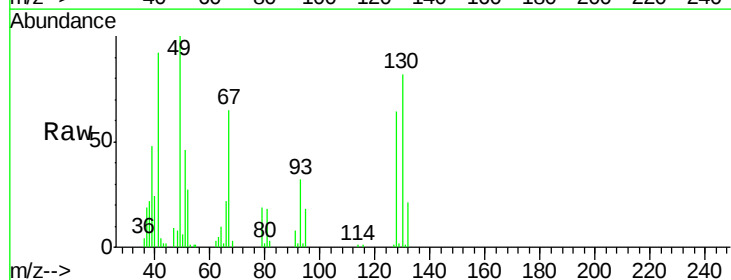
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#28
 Bromochloromethane
 Concen: 17.45 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	80.6	57.8	86.6





#29

Tetrahydrofuran

Concen: 91.19 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

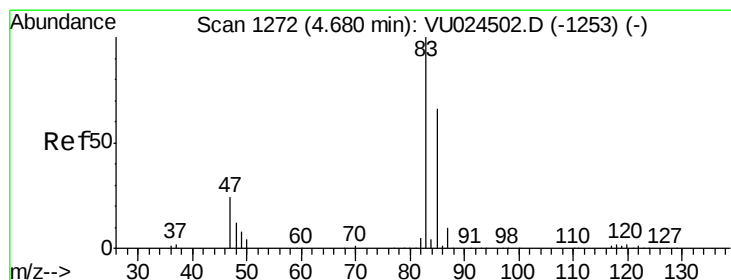
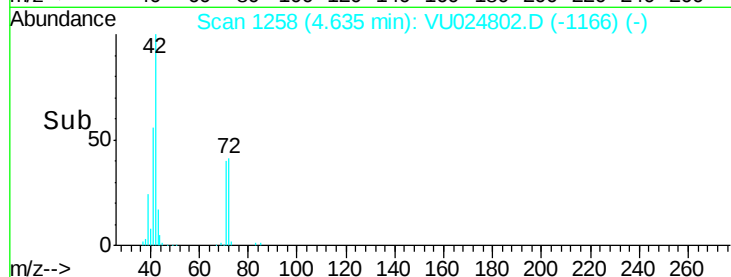
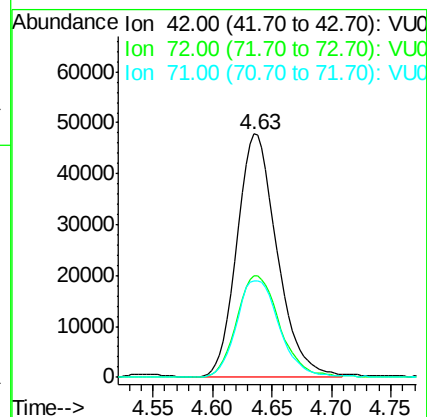
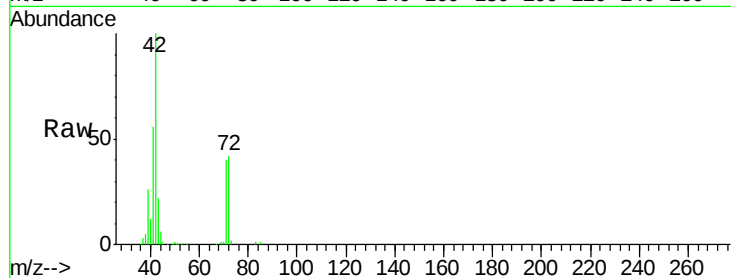
ClientSampleId :

VU0621WBS01

Tot Ion:	42	Resp:	112299
Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.5	51.7
71	42.7	32.2	48.4

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#30

Chloroform

Concen: 19.74 ug/l

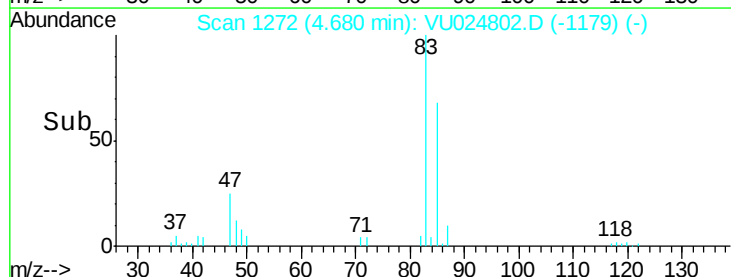
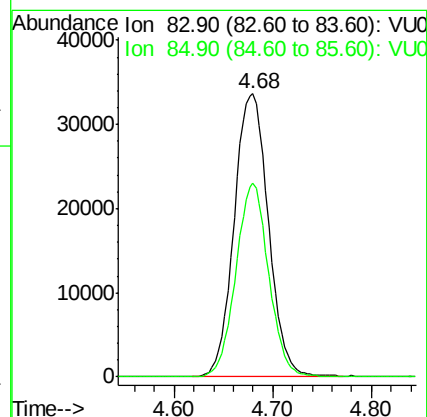
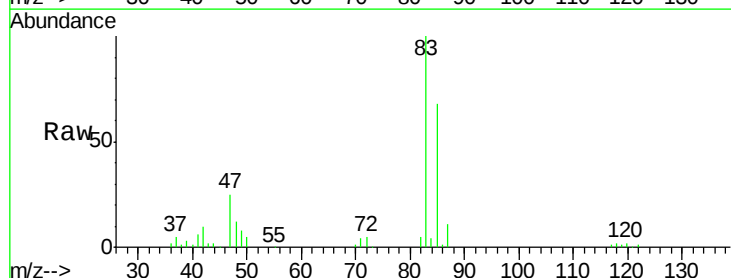
RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	83	Resp:	81318
Ion	Ratio	Lower	Upper
83	100		
85	68.4	52.4	78.6





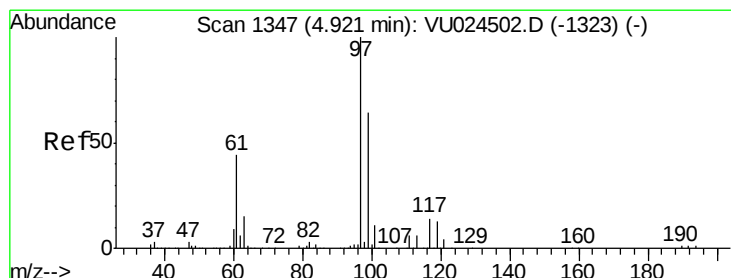
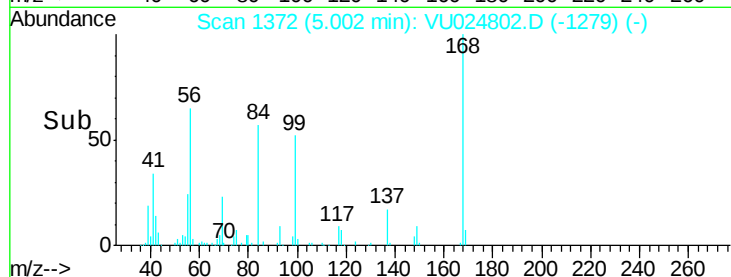
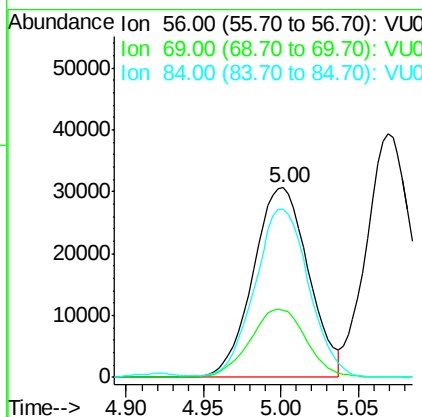
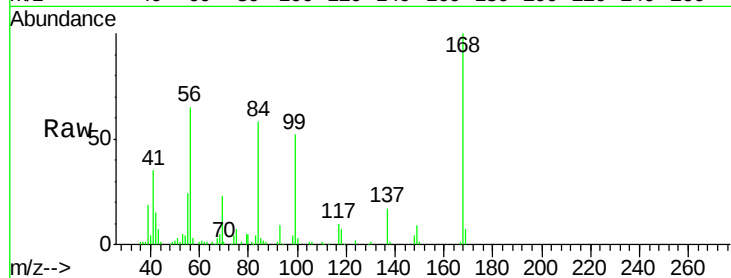
#31
Cyclohexane
Concen: 19.96 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampled :
VU0621WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.2	24.8	37.2
84	87.9	65.2	97.8

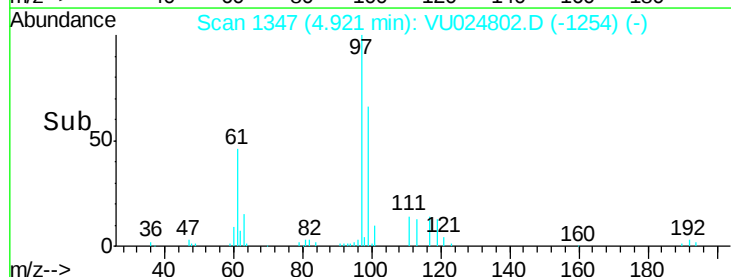
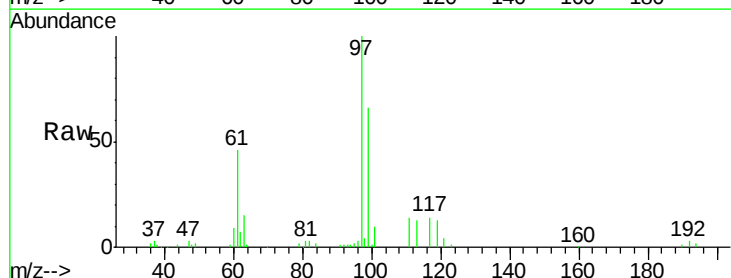
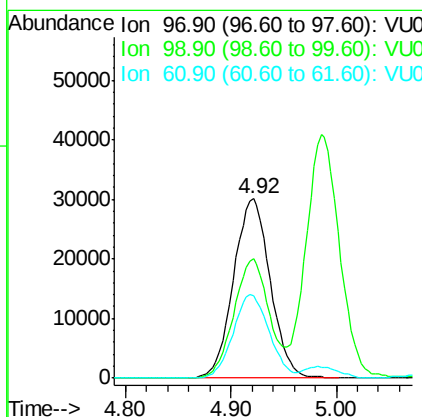
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#32
1,1,1-Trichloroethane
Concen: 19.07 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.6
61	45.8	39.4	59.0





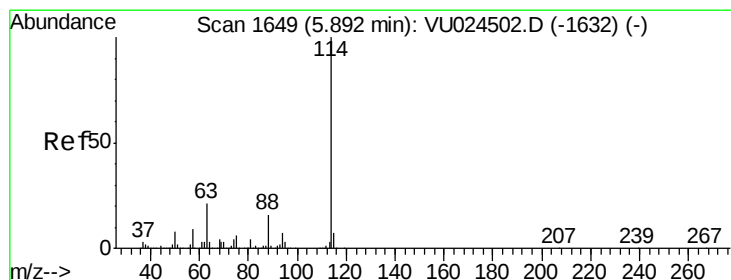
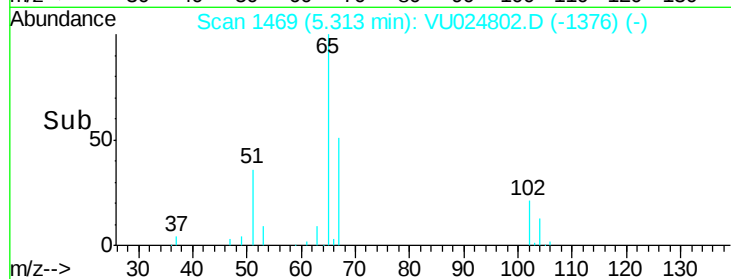
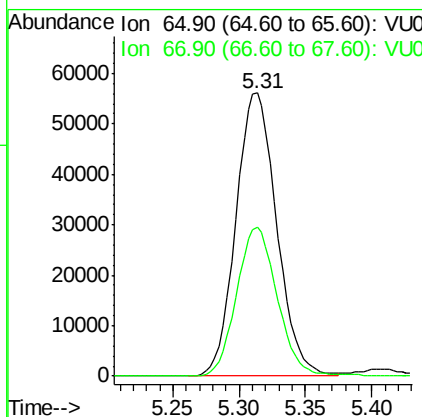
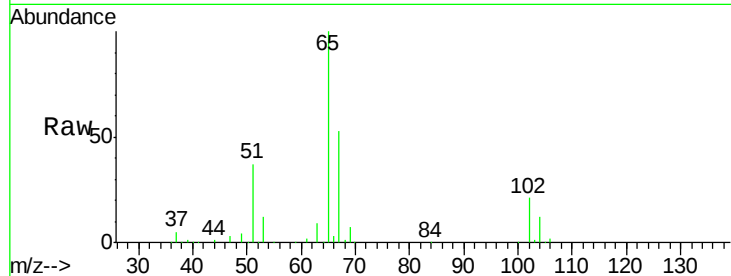
#33
 1,2-Dichloroethane-d4
 Concen: 43.54 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.0

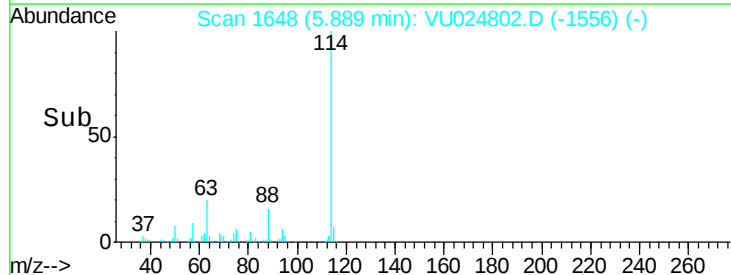
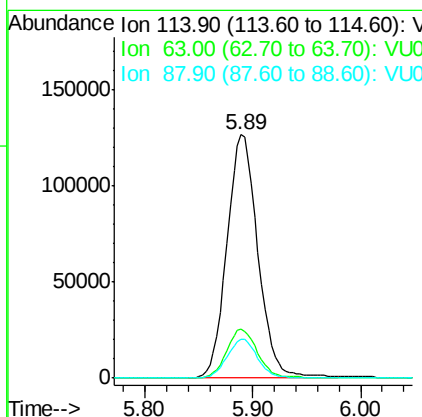
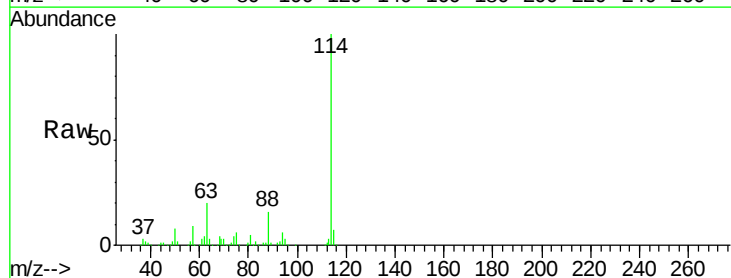
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	45.4
88	16.0	0.0	31.0





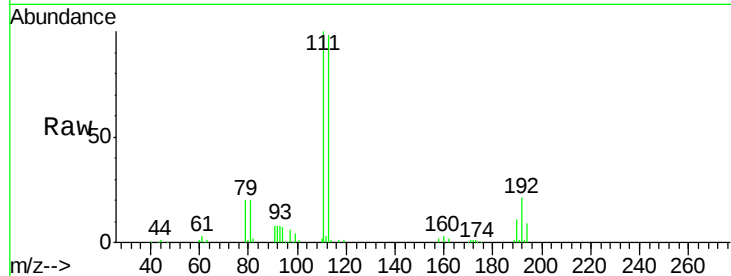
#35
Dibromofluoromethane
Concen: 45.72 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

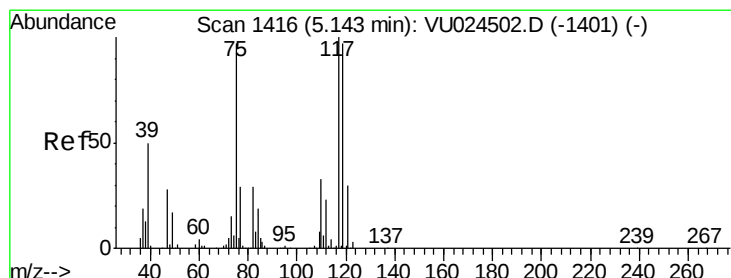
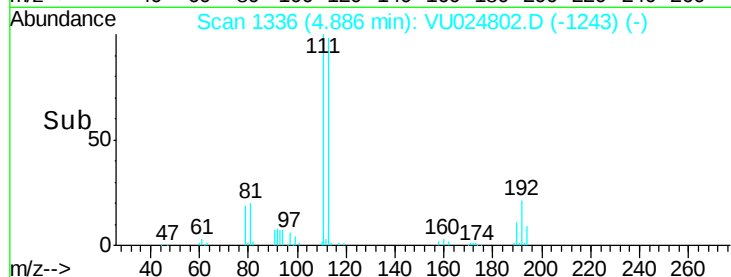
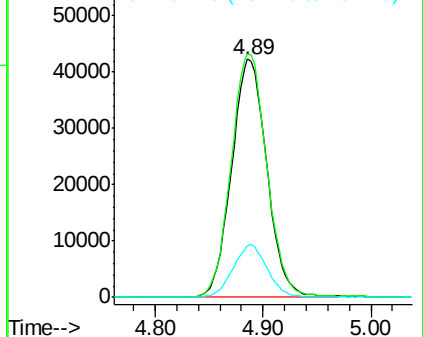
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	21.4	16.2	24.4

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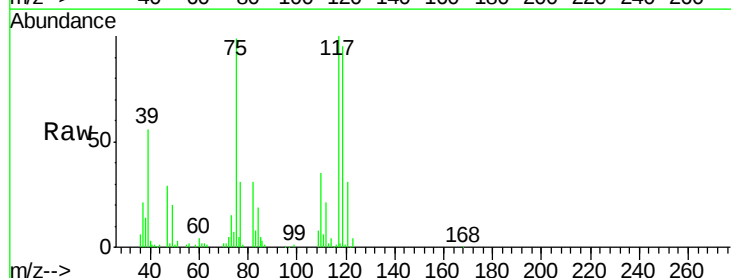


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

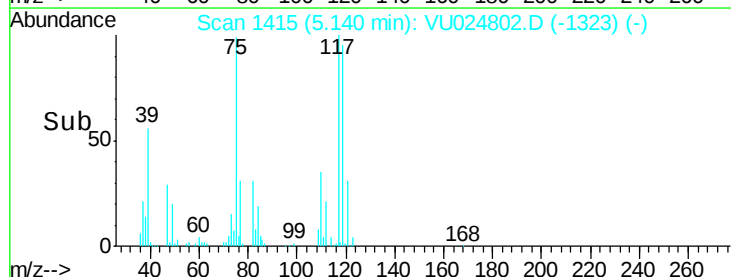
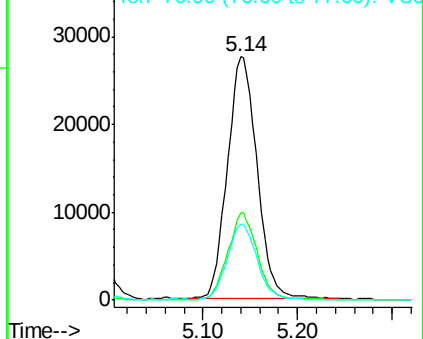


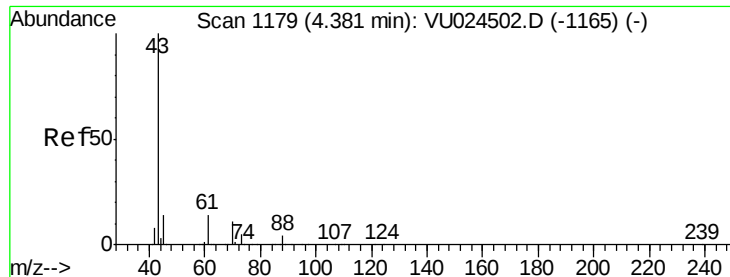
#36
1,1-Dichloropropene
Concen: 20.06 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.0	50.9
77	31.7	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0





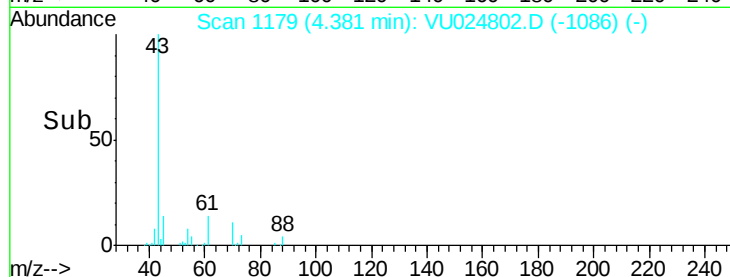
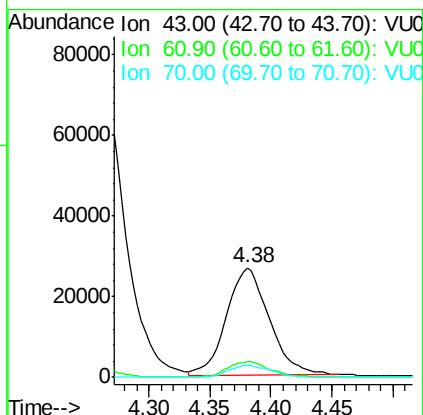
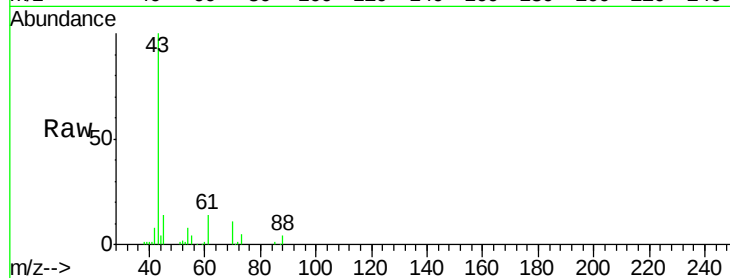
#37
Ethyl Acetate
Concen: 20.05 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.5	15.7
70	10.9	7.4	11.2

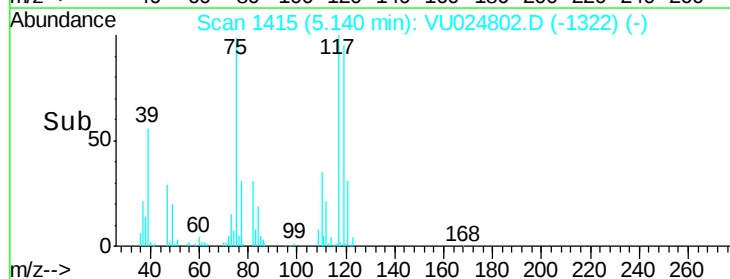
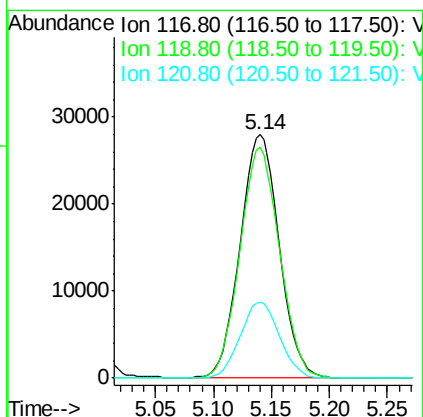
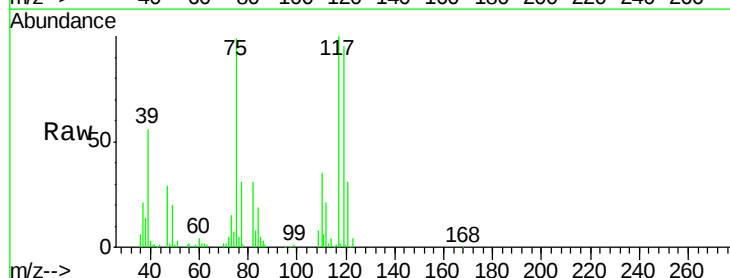
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#38
Carbon Tetrachloride
Concen: 20.05 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.1	114.1
121	31.0	23.7	35.5





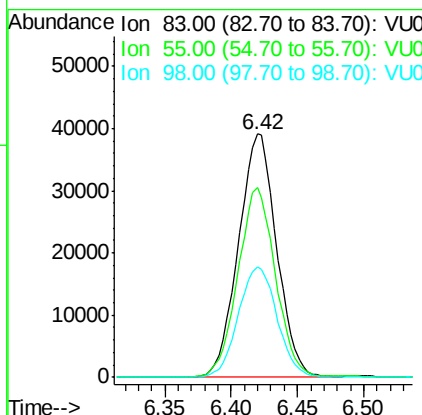
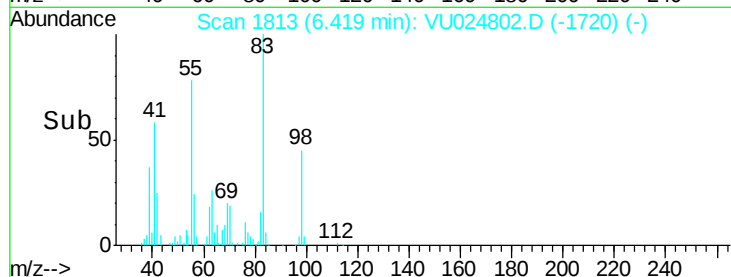
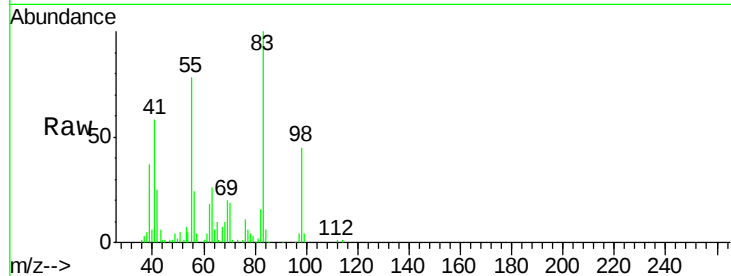
#39
Methvlcvclohexane
Concen: 21.08 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	65.8	98.6
98	45.2	36.7	55.1

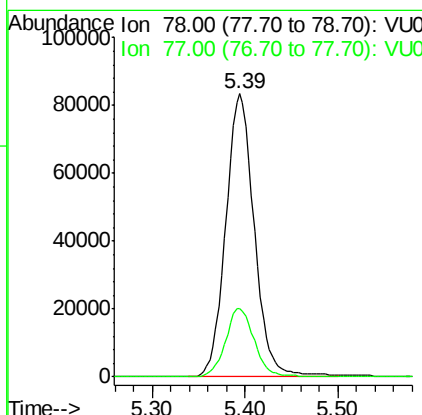
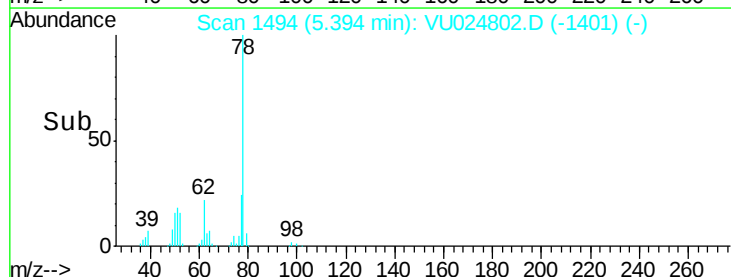
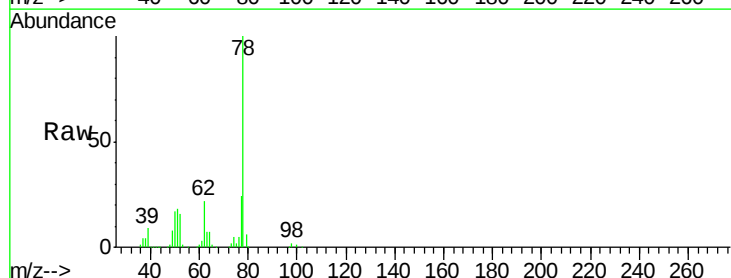
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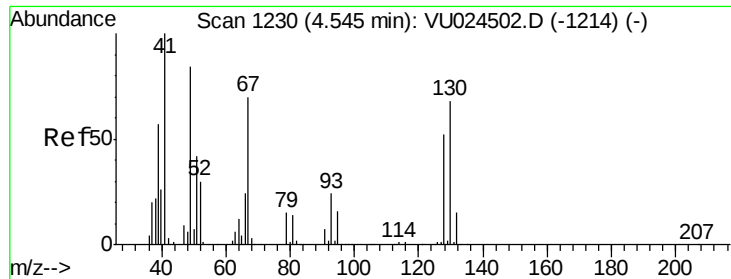
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#40
Benzene
Concen: 20.97 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





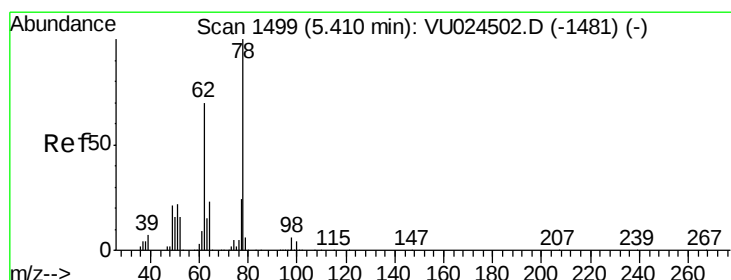
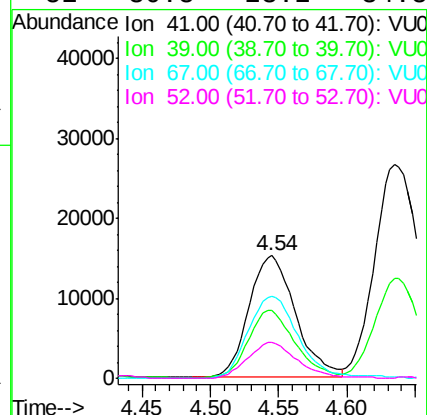
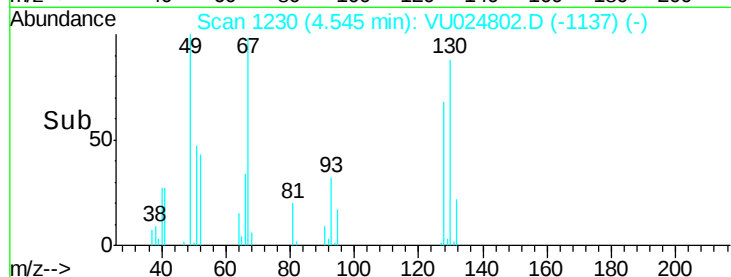
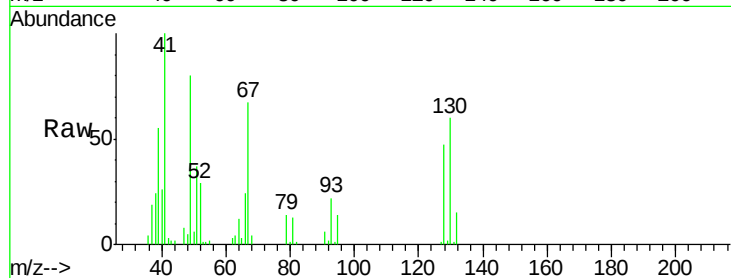
#41
Methacrylonitrile
Concen: 20.70 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion	Ion	Ratio	Lower	Upper
36272	41	100		
	39	56.5	43.8	65.6
	67	71.5	56.3	84.5
	52	30.8	23.2	34.8

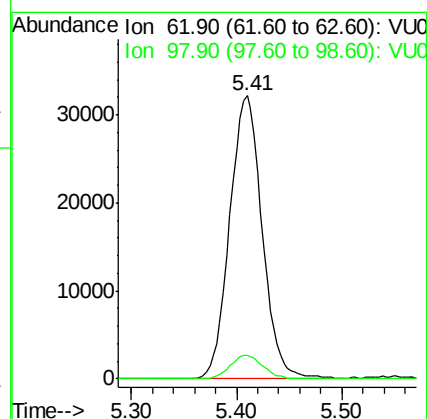
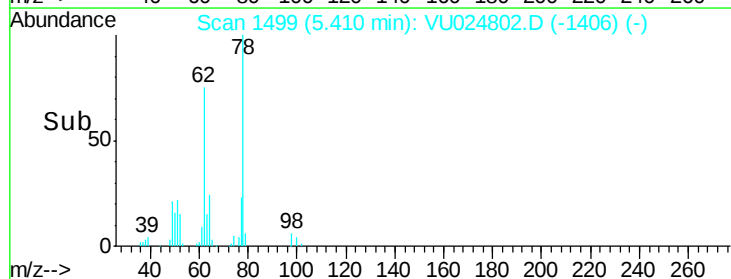
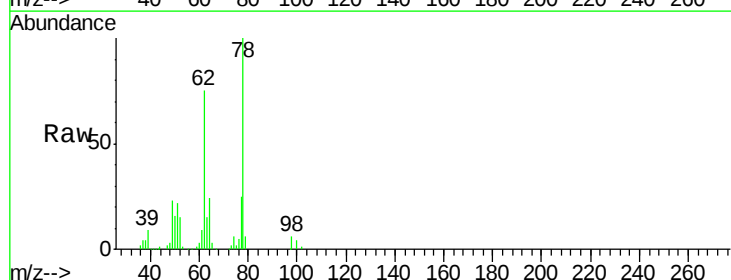
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#42
1,2-Dichloroethane
Concen: 21.17 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ion	Ratio	Lower	Upper
68510	62	100		
	98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.24 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

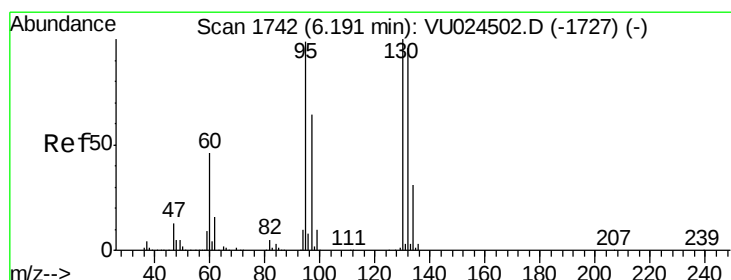
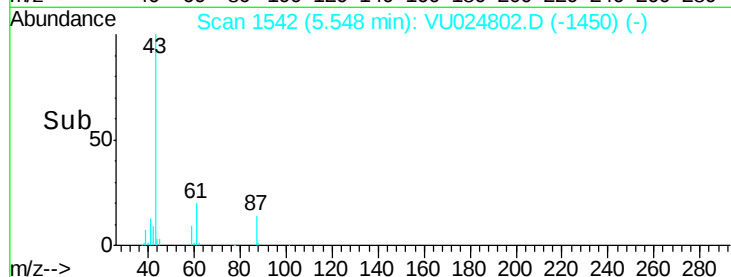
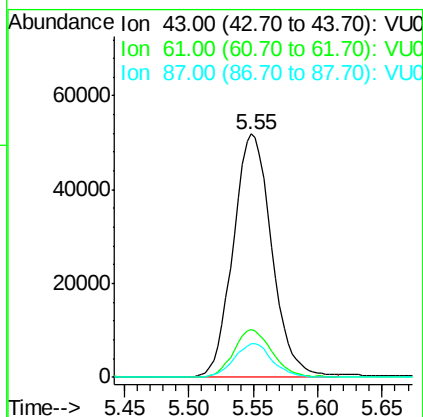
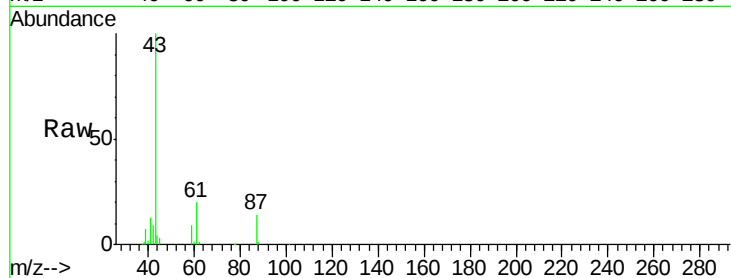
ClientSampleId :

VU0621WBS01

Tot Ion:	43	Resp:	108087
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	13.7	10.0	15.0

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#44

Trichloroethene

Concen: 20.44 ug/l

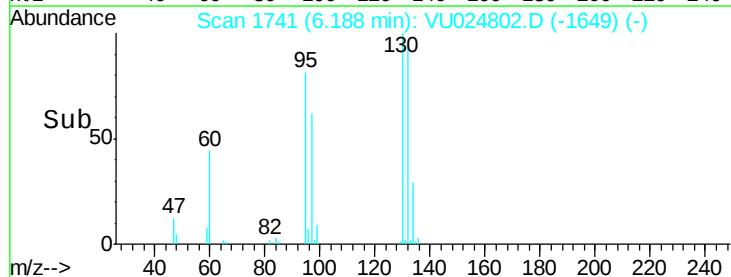
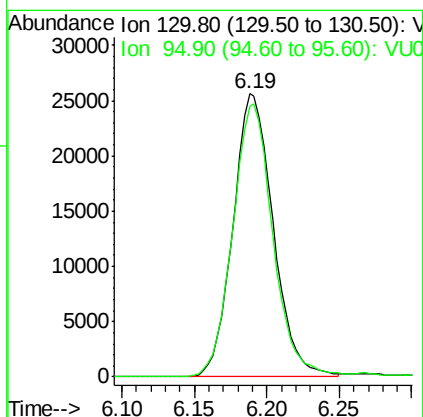
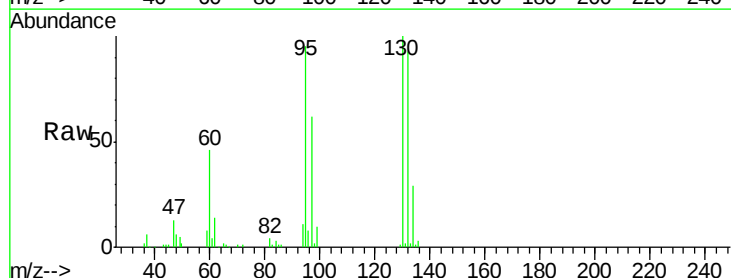
RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	130	Resp:	49428
Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	202.4





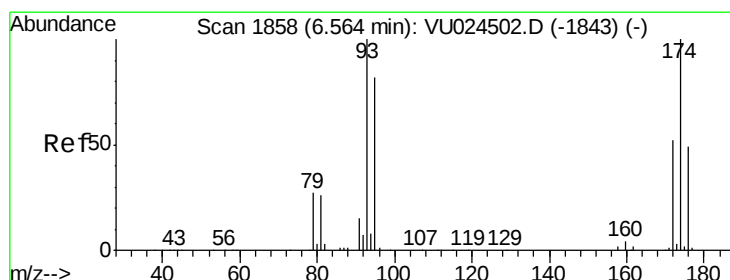
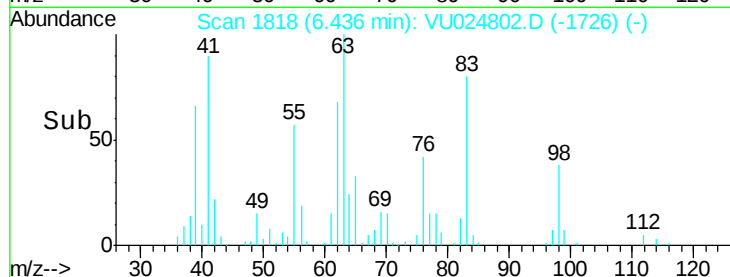
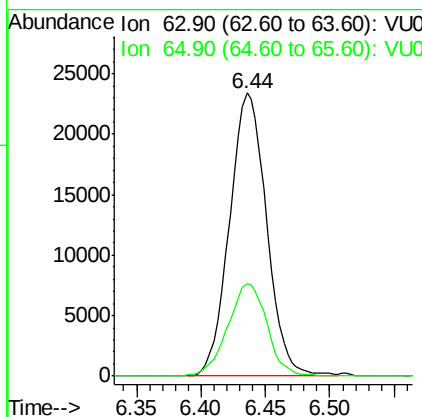
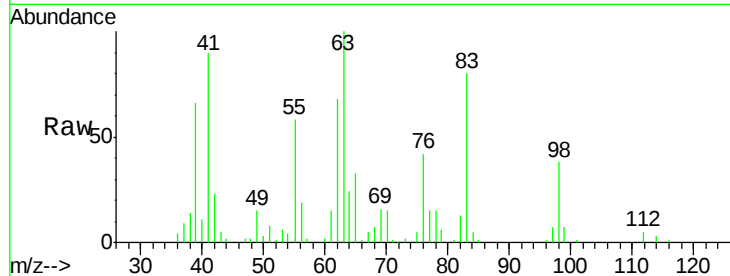
#45
1,2-Dichloropropane
Concen: 20.66 ug/l
RT: 6.44 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampled :
VU0621WBS01

Tot Ion: 63 Resp: 46835
Ion Ratio Lower Upper
63 100
65 32.9 24.8 37.2

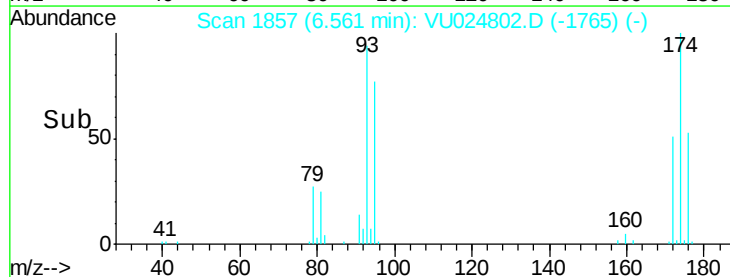
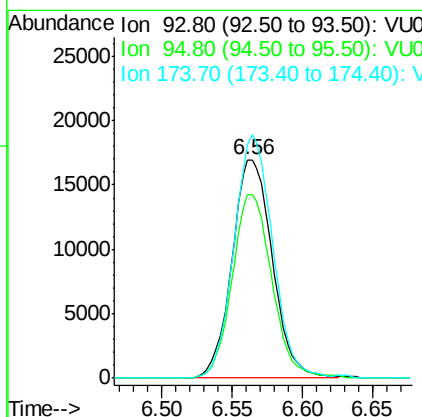
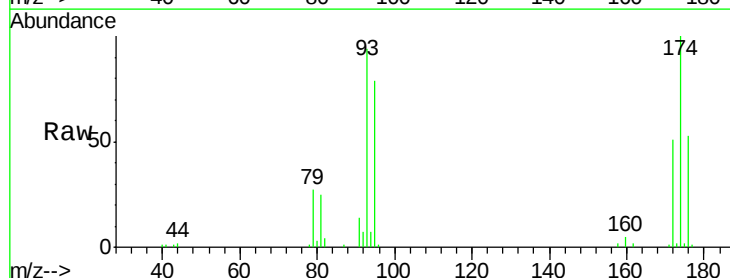
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#46
Dibromomethane
Concen: 21.35 ug/l
RT: 6.56 min Scan# 1857
Delta R.T. -0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion: 93 Resp: 33996
Ion Ratio Lower Upper
93 100
95 82.9 65.5 98.3
174 106.5 78.7 118.1





#47

Bromodichloromethane

Concen: 20.18 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

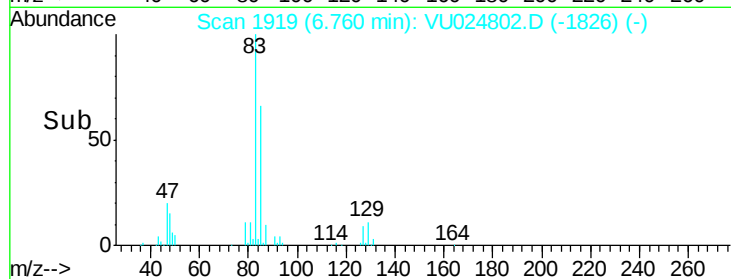
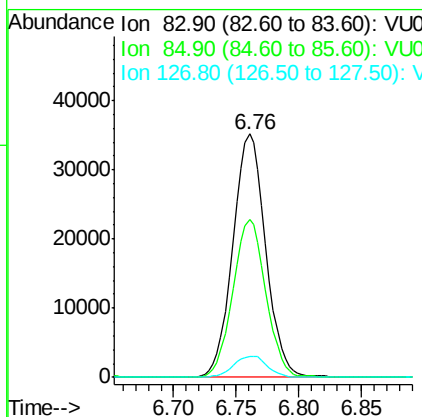
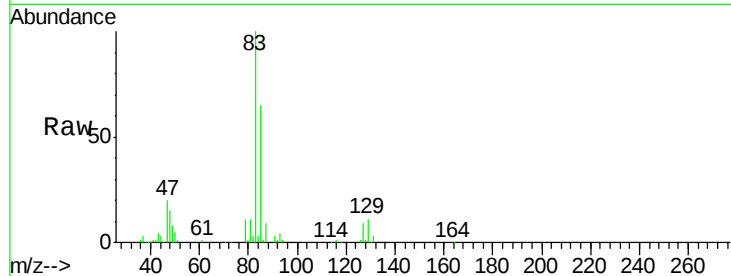
ClientSampleId :

VU0621WBS01

Tot Ion:	83	Resp:	64006
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.9	77.9
127	8.5	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.42 ug/l

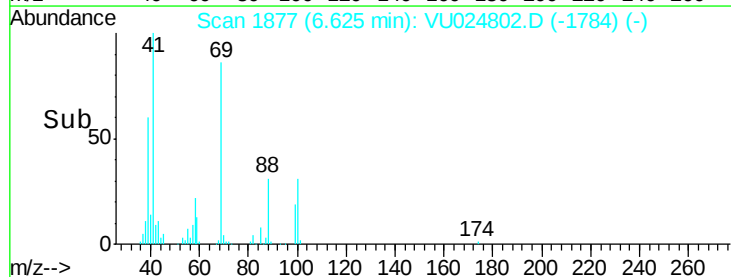
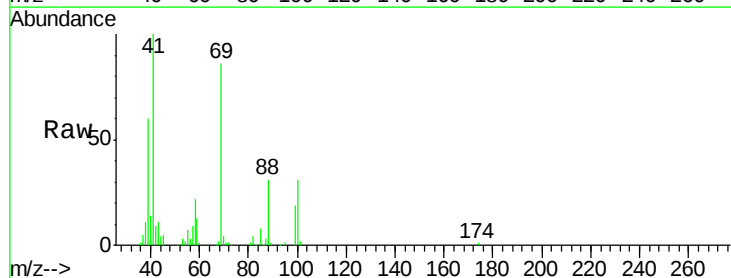
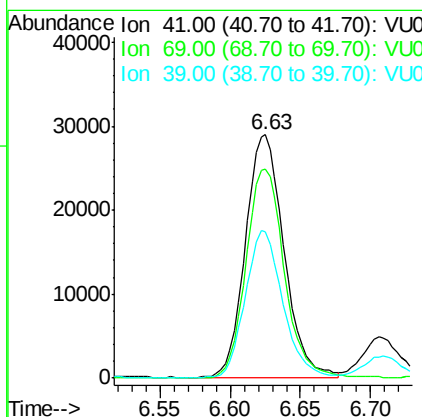
RT: 6.63 min Scan# 1877

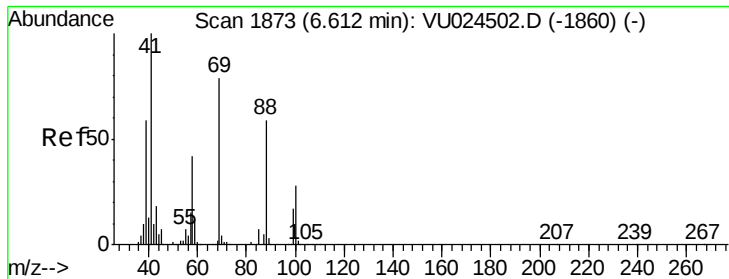
Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	41	Resp:	55853
Ion Ratio	Lower	Upper	
41	100		
69	85.5	67.3	100.9
39	59.0	46.5	69.7





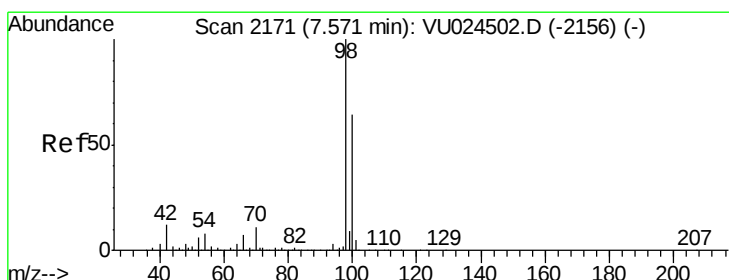
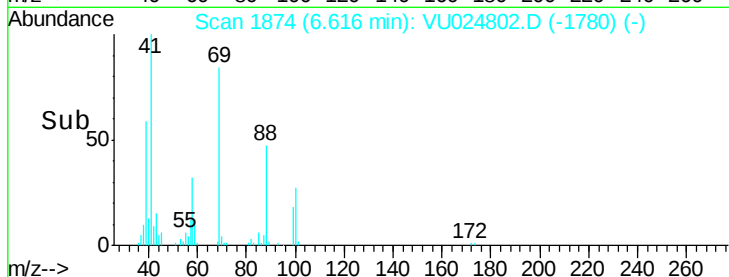
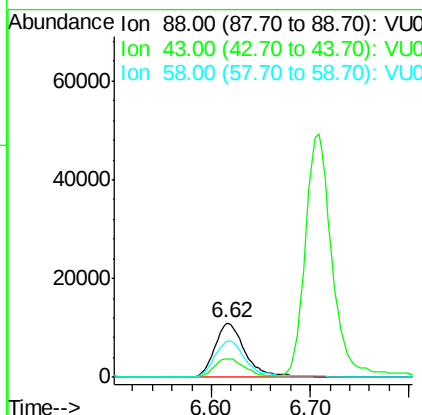
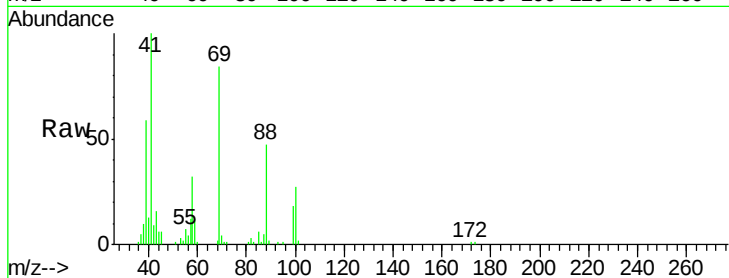
#49
1,4-Dioxane
Concen: 445.21 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	28.6	42.8
58	68.4	58.2	87.4

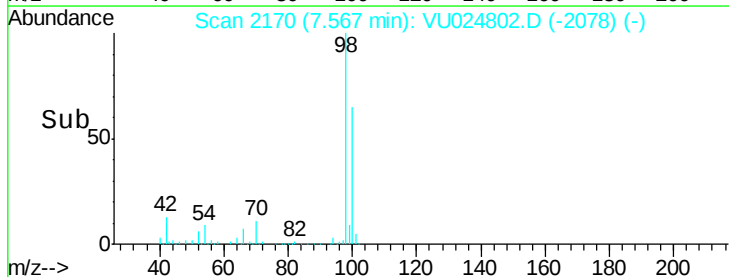
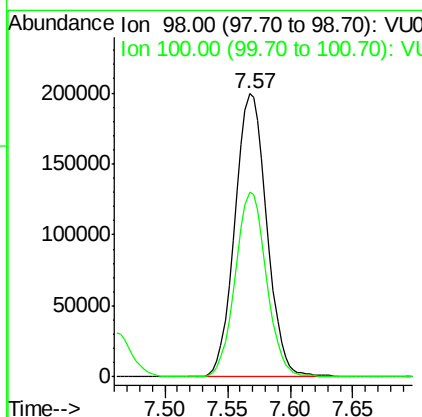
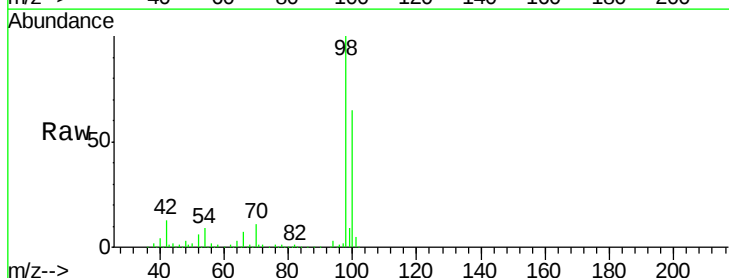
Manual Integrations
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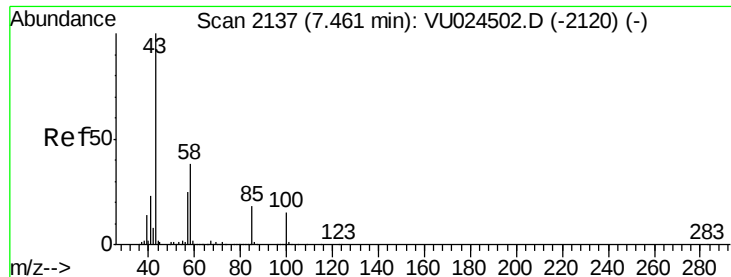
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#50
Toluene-d8
Concen: 45.99 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 97.62 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion: 43 Resp: 344591

Ion Ratio Lower Upper

43 100

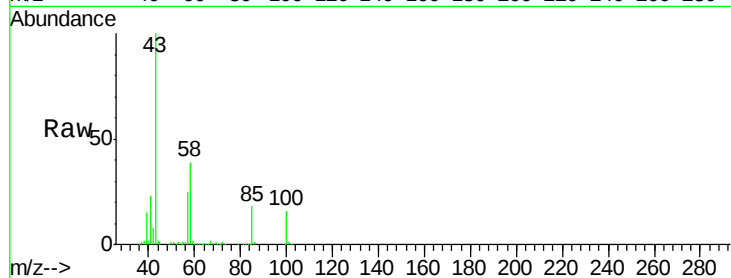
58 38.4 30.0 45.0

Manual Integrations

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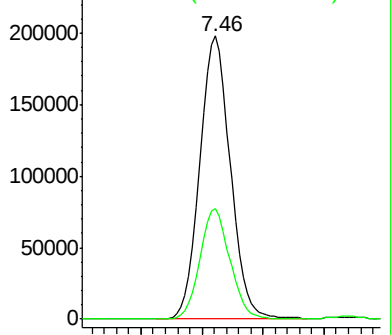
apatel

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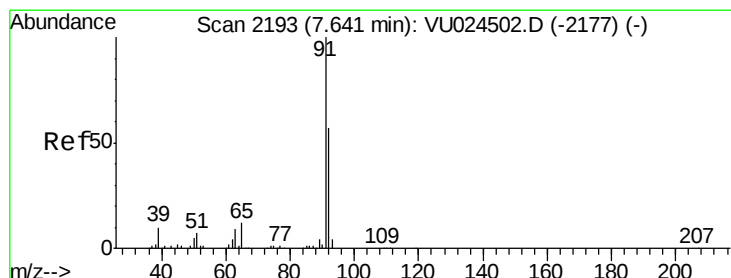
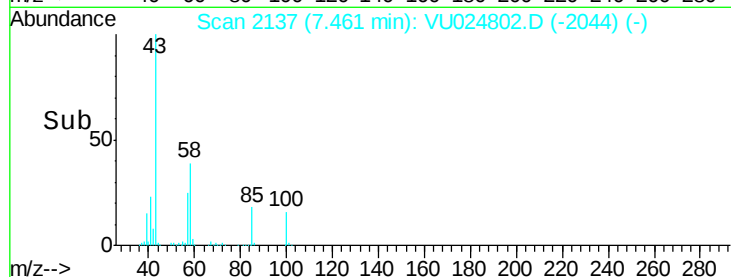


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->



#52

Toluene

Concen: 21.17 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024802.D

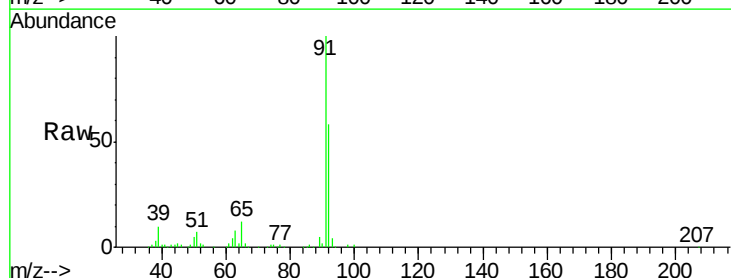
Acq: 21 Jun 2018 11:32

Tgt Ion: 92 Resp: 115731

Ion Ratio Lower Upper

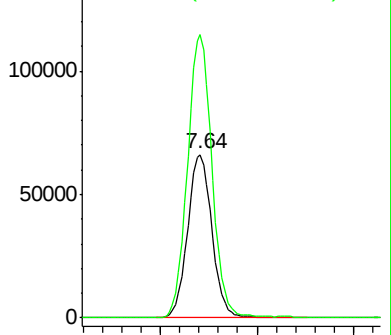
92 100

91 173.9 140.5 210.7

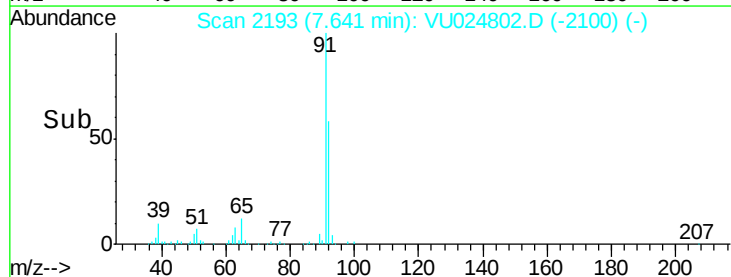


Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time-->





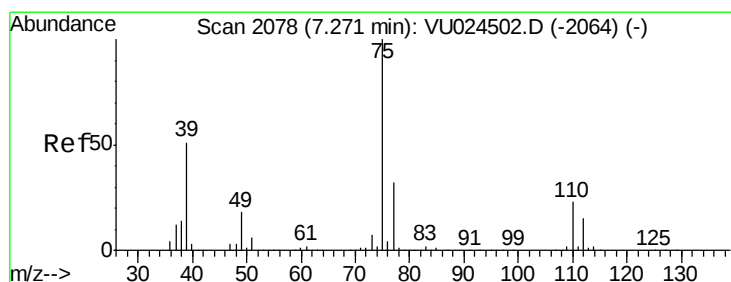
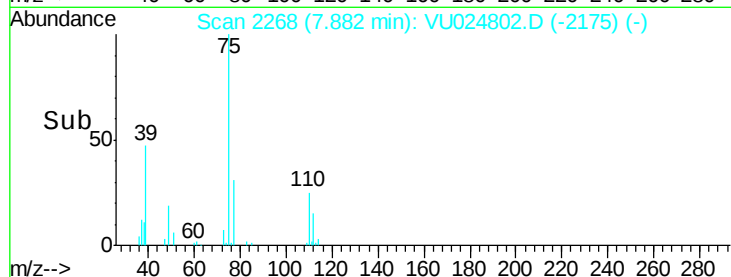
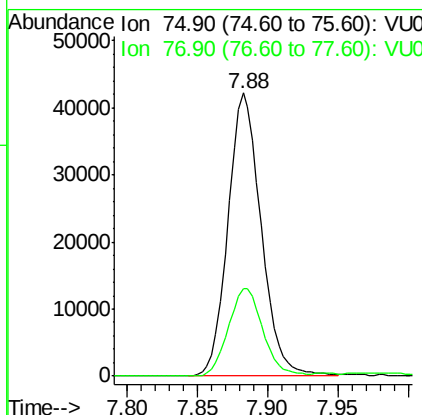
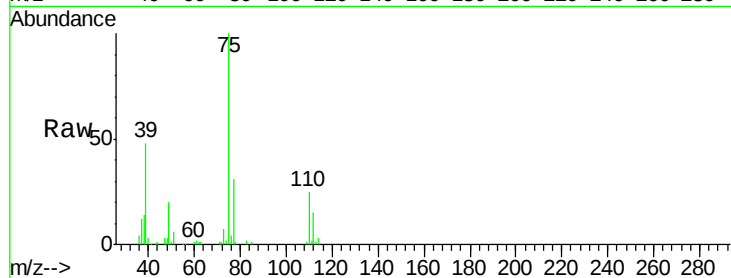
#53
t-1,3-Dichloropropene
Concen: 19.51 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2

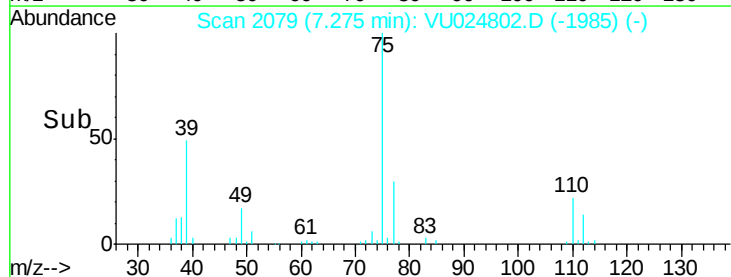
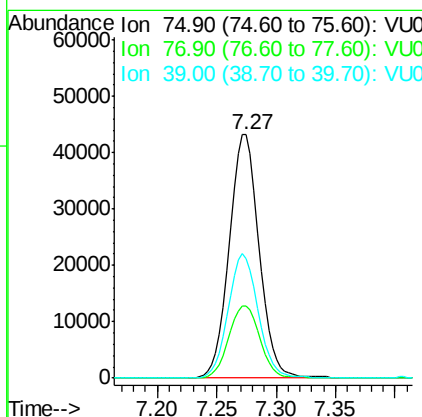
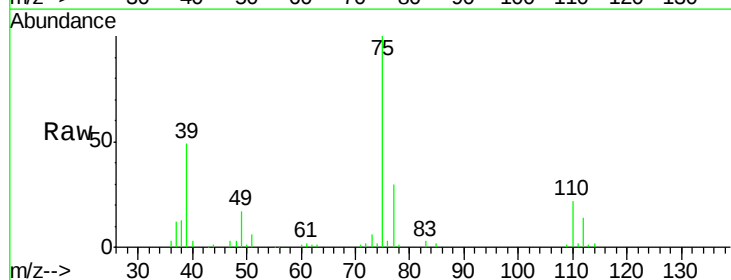
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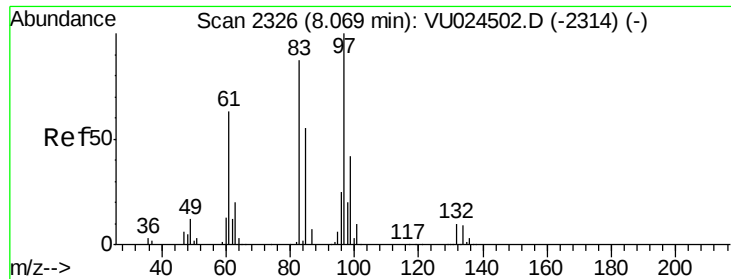
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#54
cis-1,3-Dichloropropene
Concen: 19.87 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	24.6	36.8
39	49.2	39.8	59.6





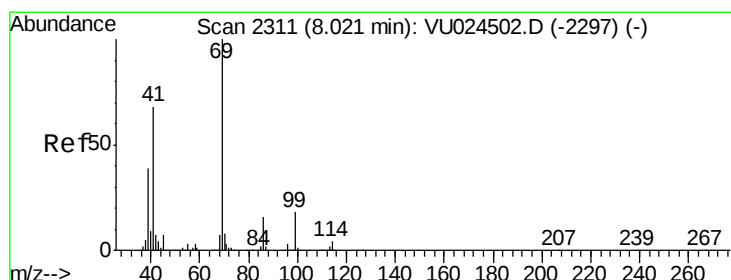
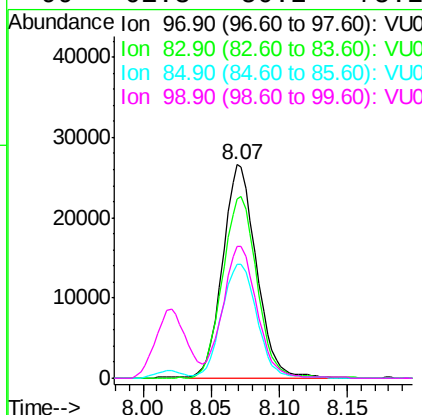
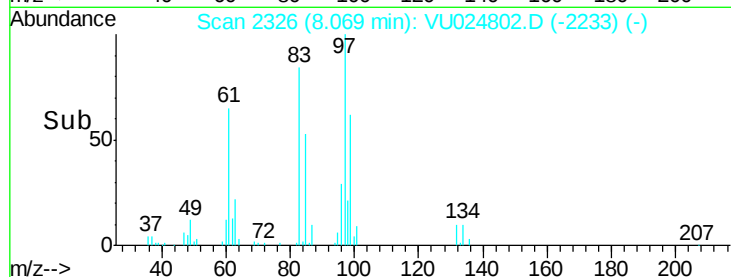
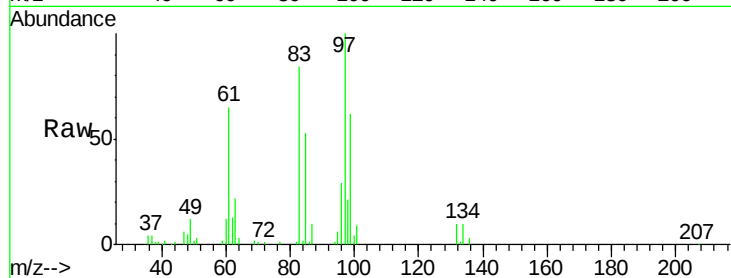
#55
 1,1,2-Trichloroethane
 Concen: 20.60 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		45791		
83	84.0	70.5	105.7		
85	53.3	46.4	69.6		
99	61.3	50.2	75.2		

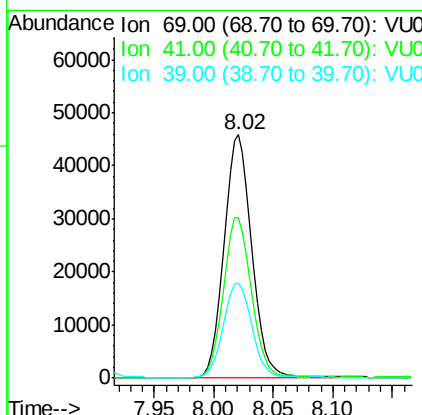
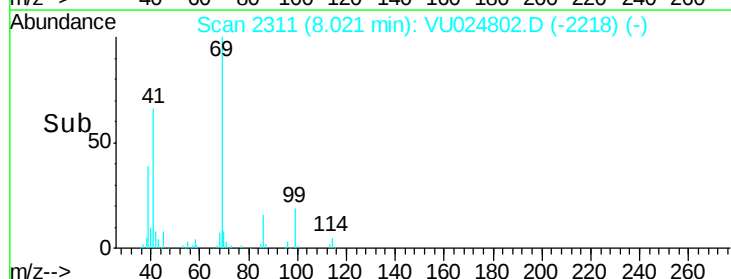
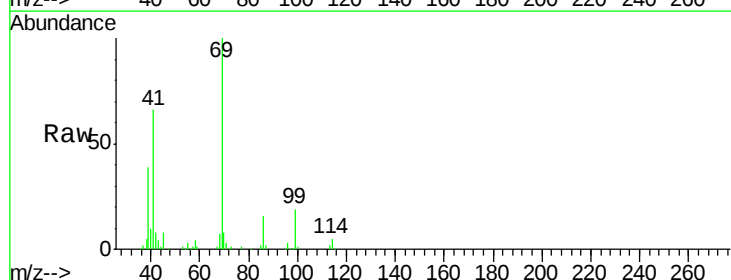
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#56
 Ethyl methacrylate
 Concen: 19.97 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		74296		
41	67.1	54.1	81.1		
39	39.5	30.3	45.5		





#57

1,3-Dichloropropane

Concen: 21.07 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tot Ion: 76 Resp: 78988

Ion Ratio Lower Upper

76 100

78 32.5 25.2 37.8

Instrument :

MSVOA_U

ClientSampled :

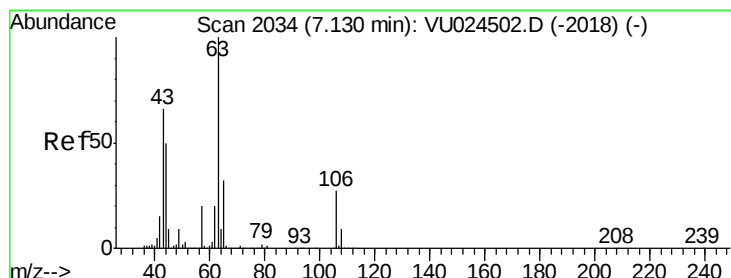
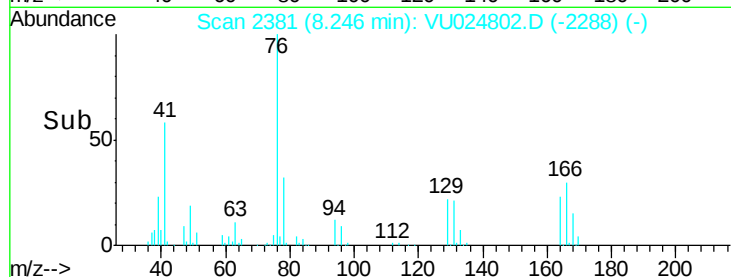
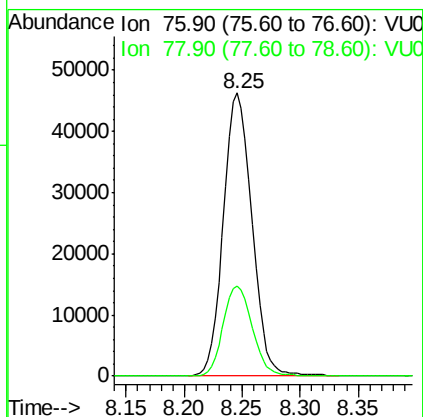
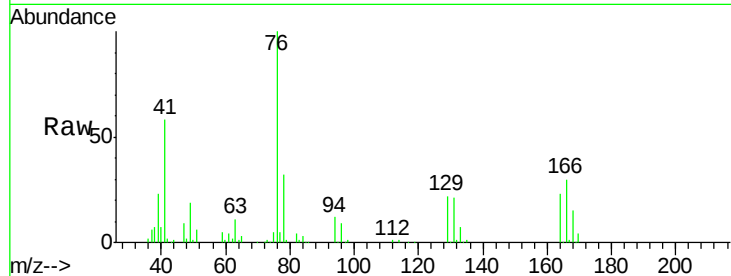
VU0621WBS01

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#58

2-Chloroethyl Vinyl ether

Concen: 83.36 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024802.D

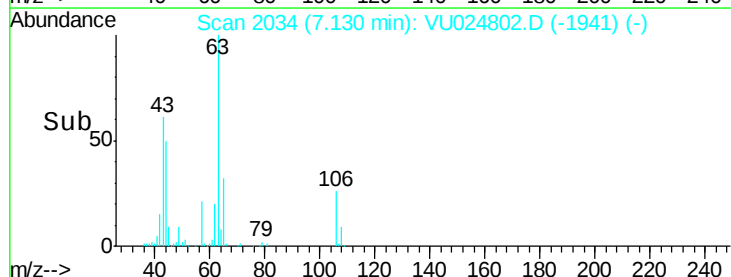
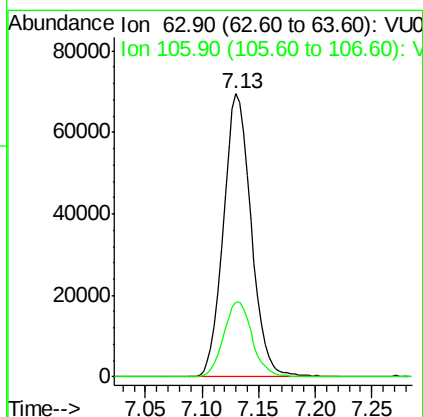
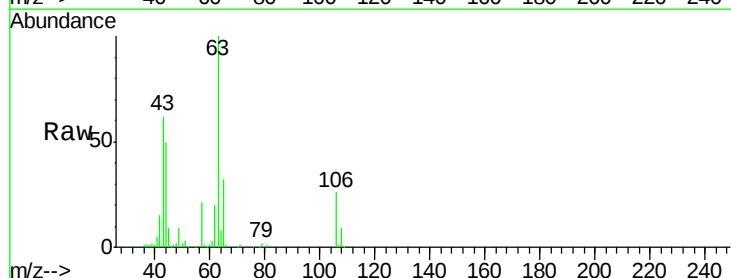
Acq: 21 Jun 2018 11:32

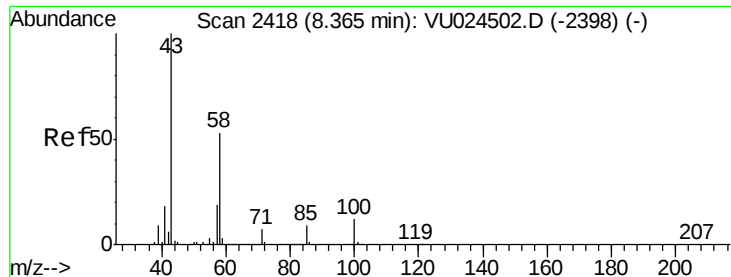
Tgt Ion: 63 Resp: 118793

Ion Ratio Lower Upper

63 100

106 27.2 20.2 30.2





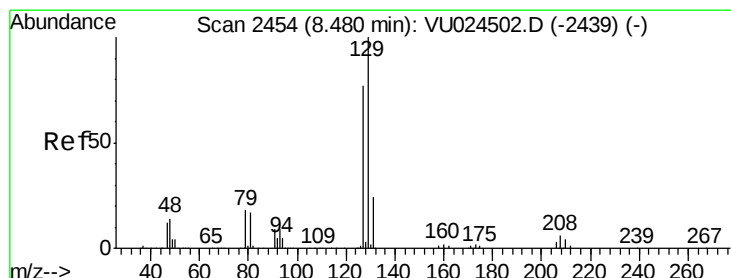
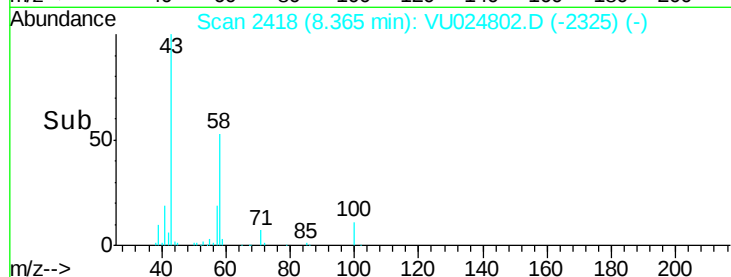
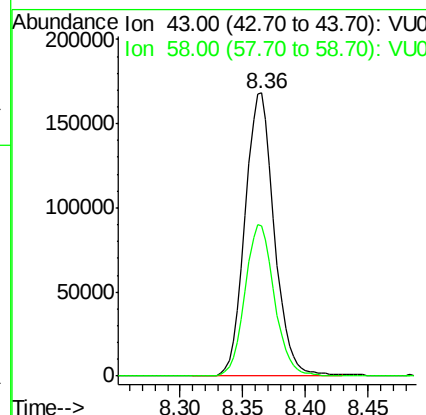
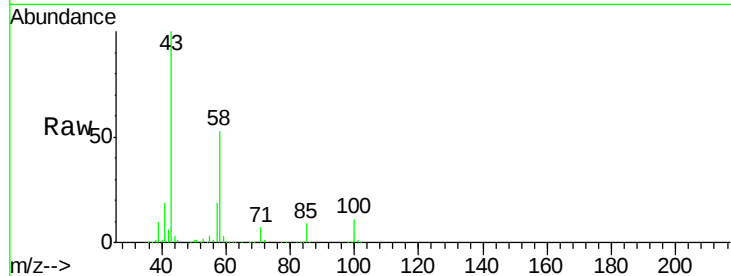
#59
2-Hexanone
Concen: 95.05 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.8	26.4	79.0

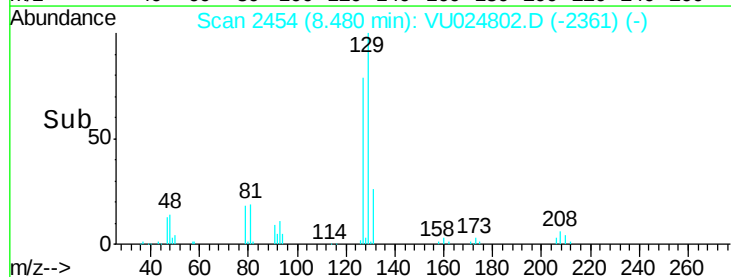
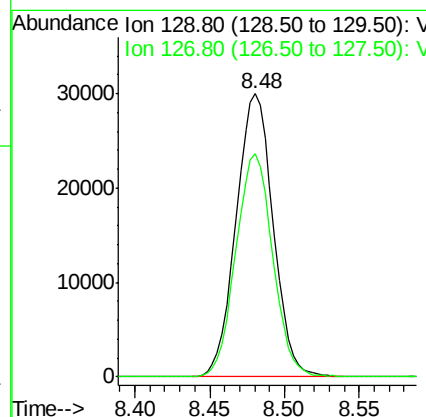
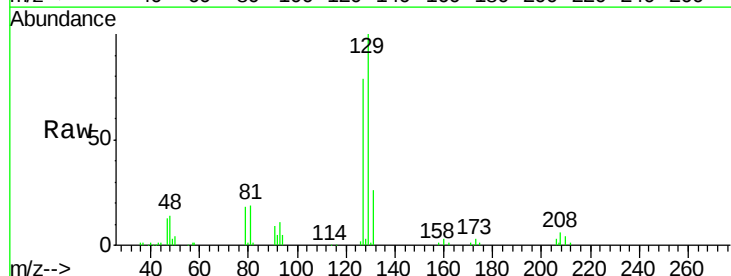
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#60
Dibromochloromethane
Concen: 18.67 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.6	116.0





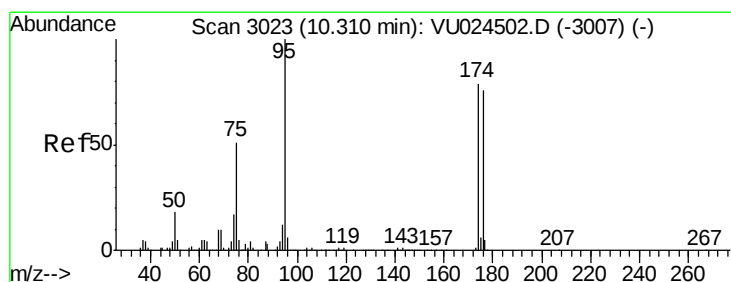
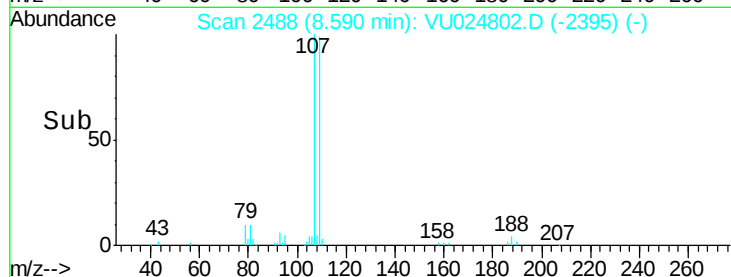
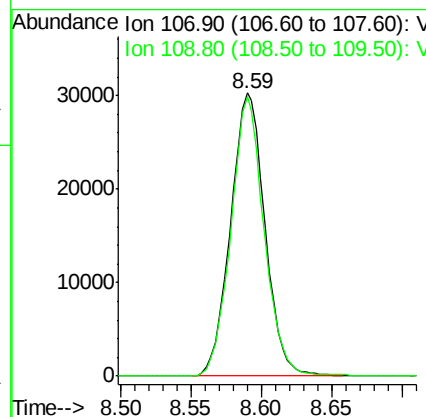
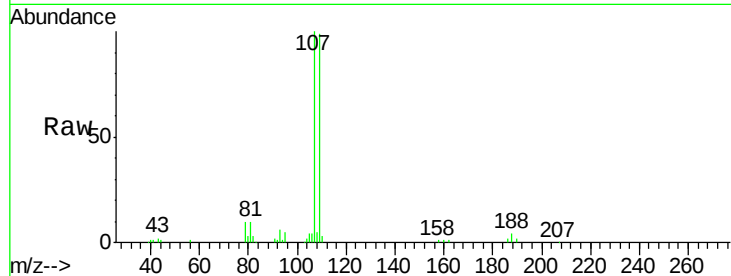
#61
 1,2-Dibromoethane
 Concen: 20.82 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	74.5	111.7

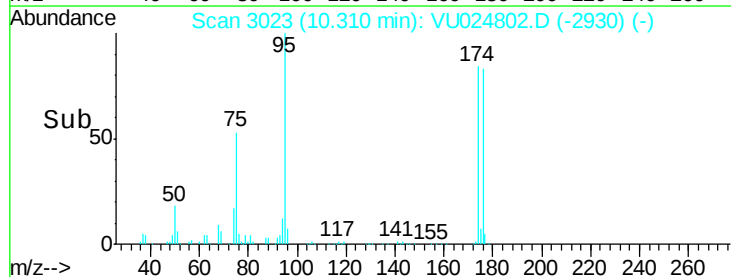
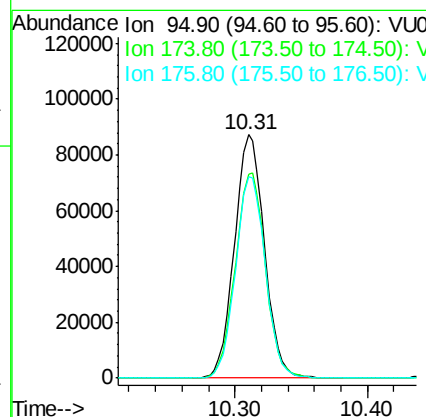
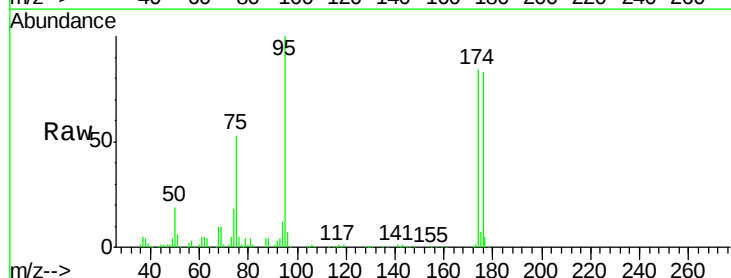
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 44.96 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	165.8
176	82.2	0.0	159.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

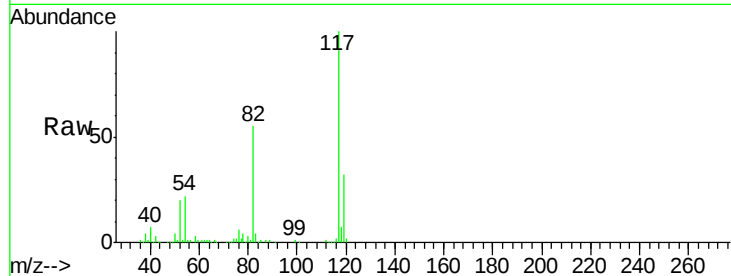
ClientSampleId :

VU0621WBS01

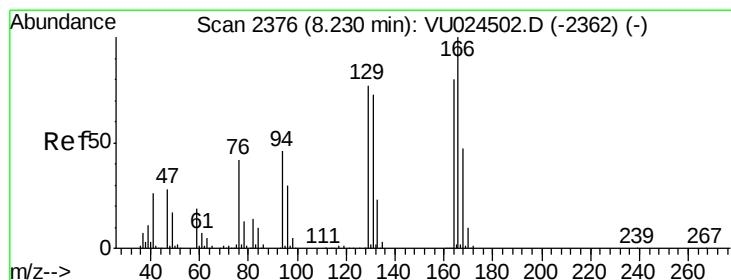
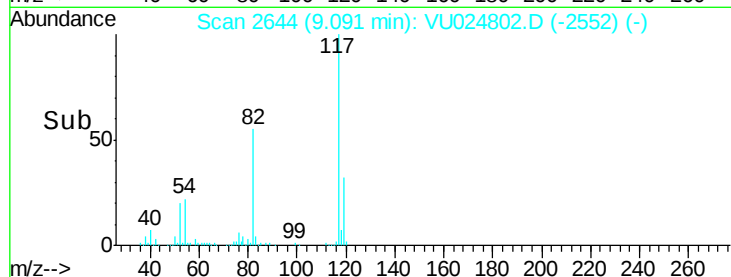
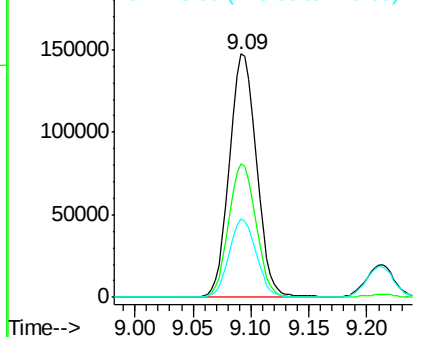
Tot Ion:	117	Resp:	238441
Ion Ratio	Lower	Upper	
117	100		
82	55.0	44.3	66.5
119	32.0	25.4	38.2

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



#64

Tetrachloroethene

Concen: 20.03 ug/l

RT: 8.23 min Scan# 2377

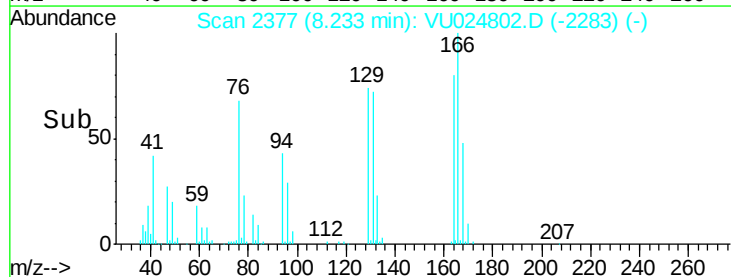
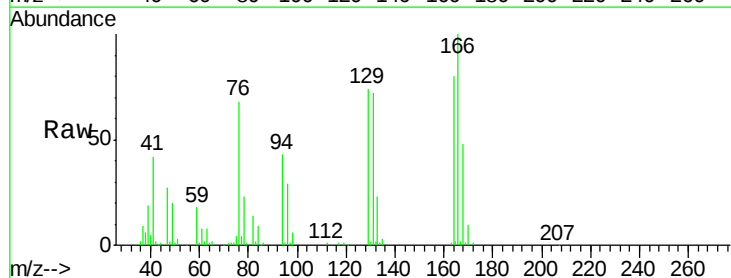
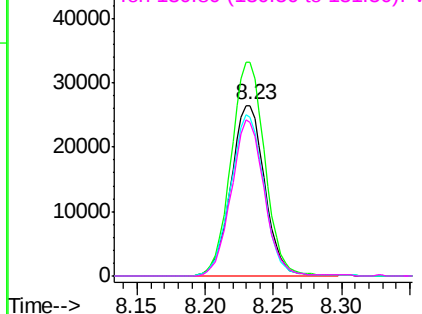
Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	164	Resp:	45396
Ion Ratio	Lower	Upper	
164	100		
166	125.0	101.7	152.5
129	93.1	76.9	115.3
131	90.2	74.9	112.3

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





#65

Chlorobenzene

Concen: 21.27 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion:112 Resp: 129591

Ion Ratio Lower Upper

112 100

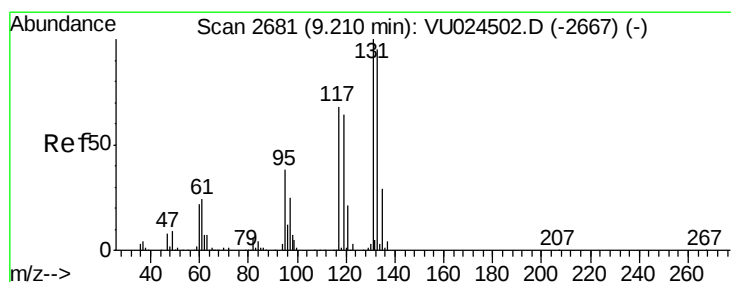
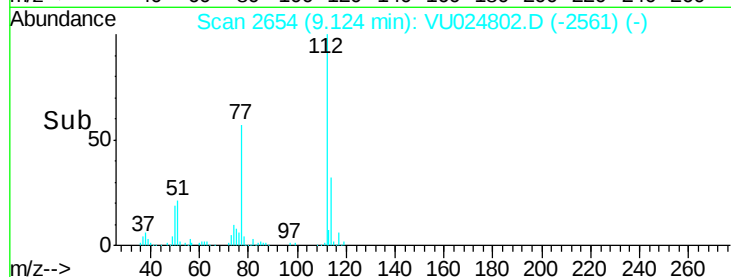
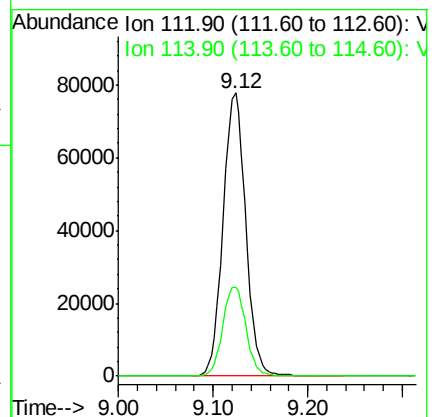
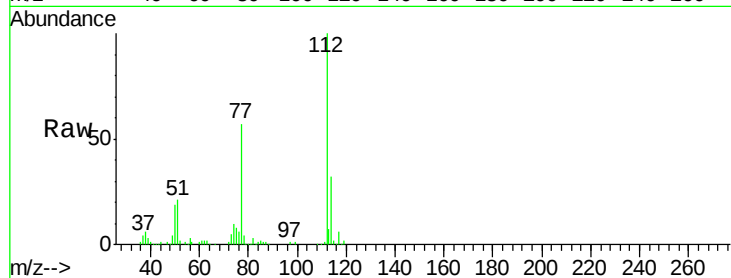
114 31.6 25.6 38.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.08 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

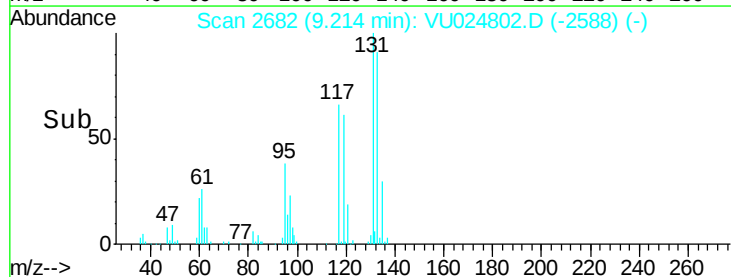
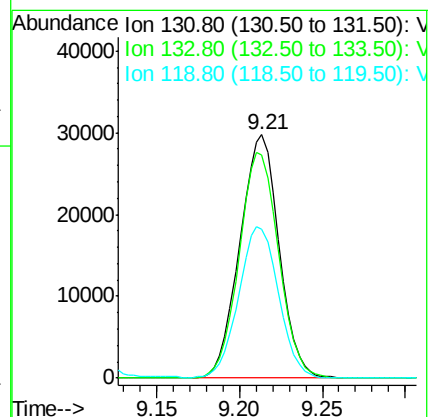
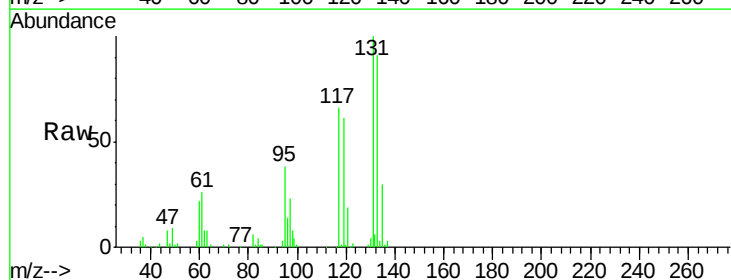
Tgt Ion:131 Resp: 48780

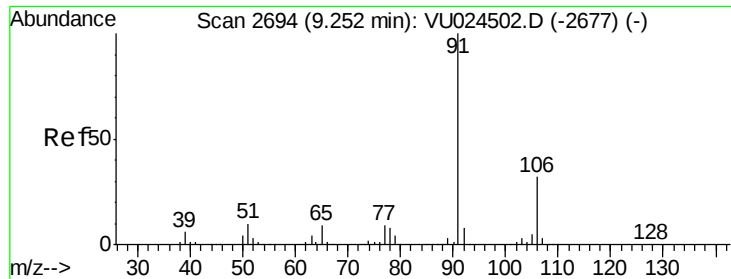
Ion Ratio Lower Upper

131 100

133 93.7 46.9 140.8

119 63.6 33.5 100.4





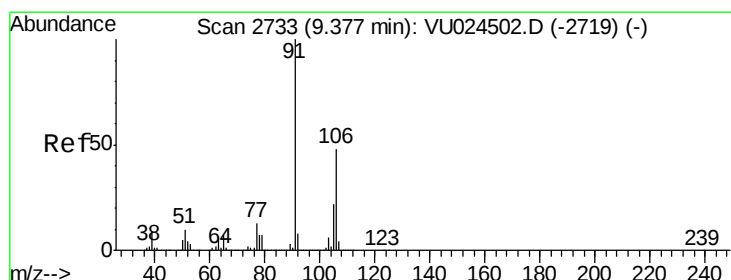
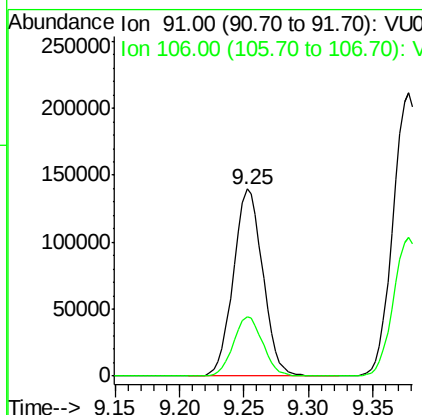
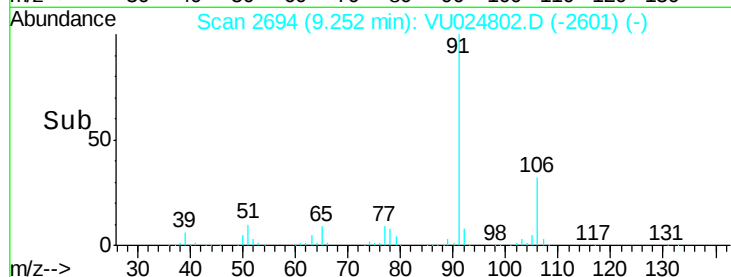
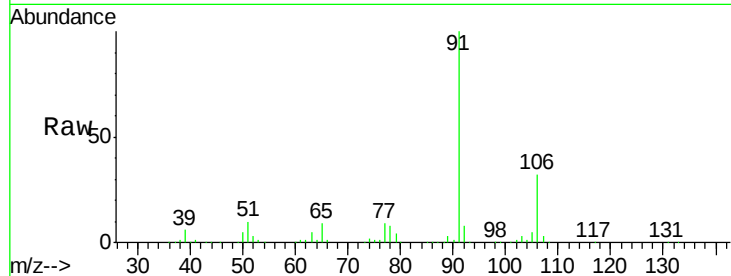
#67
Ethyl Benzene
Concen: 20.82 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion: 91 Resp: 222300
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.4

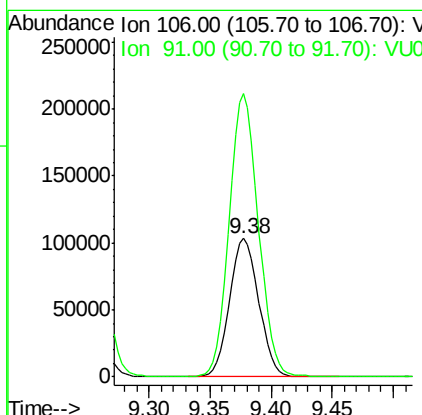
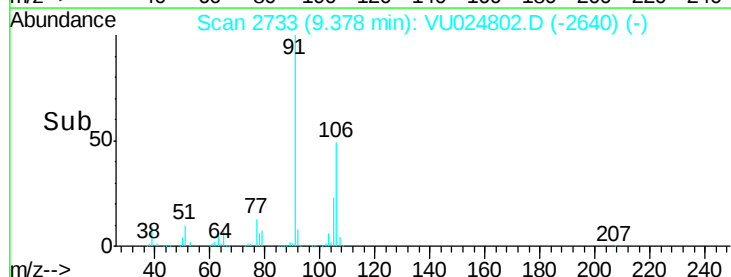
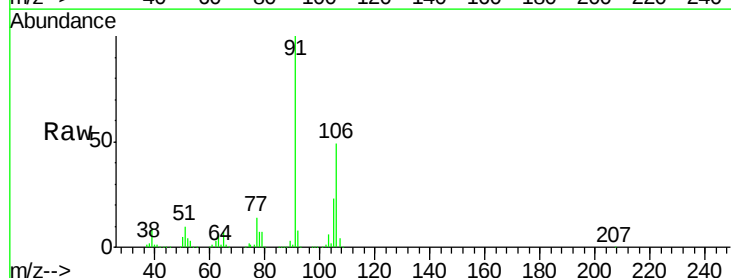
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#68
m/p-Xylenes
Concen: 42.18 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion: 106 Resp: 172981
Ion Ratio Lower Upper
106 100
91 203.9 166.5 249.7





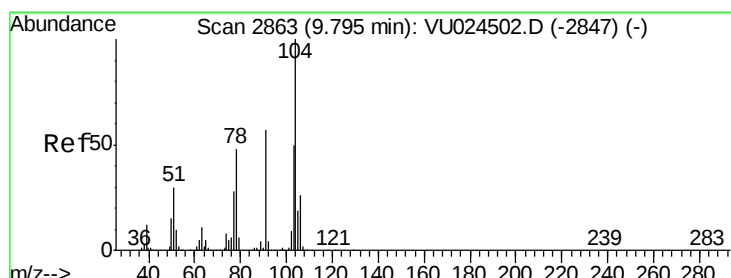
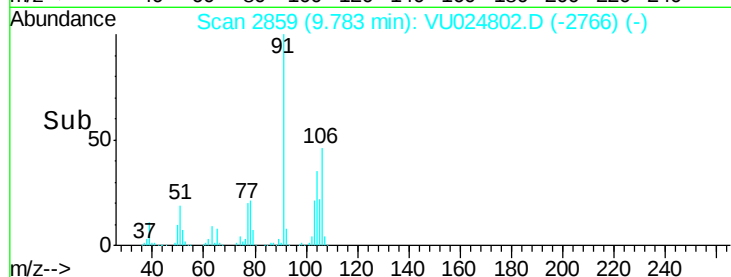
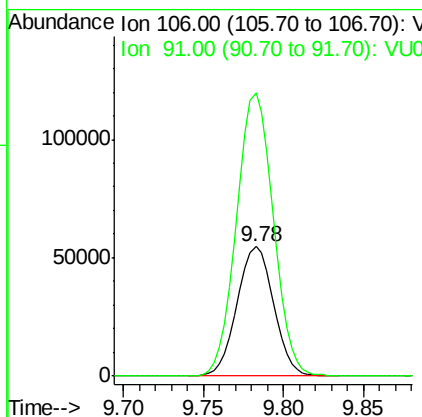
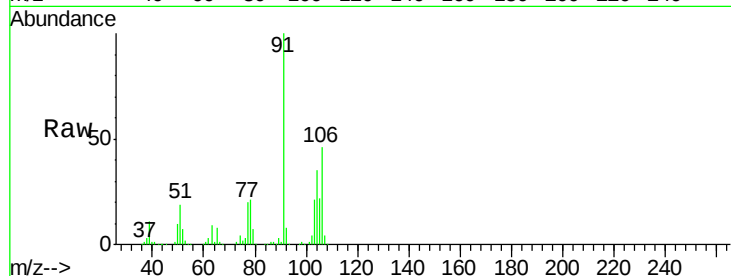
#69
o-Xylene
Concen: 21.04 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampled :
VU0621WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.8	110.7	331.9

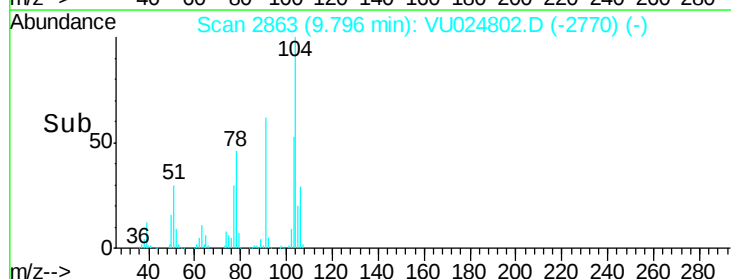
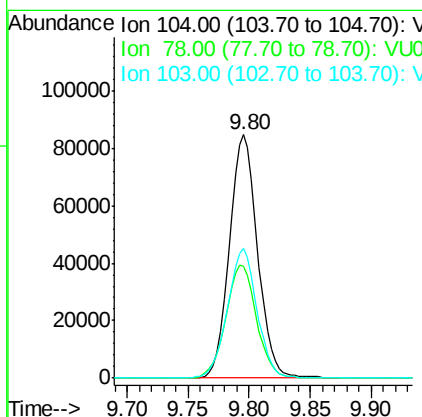
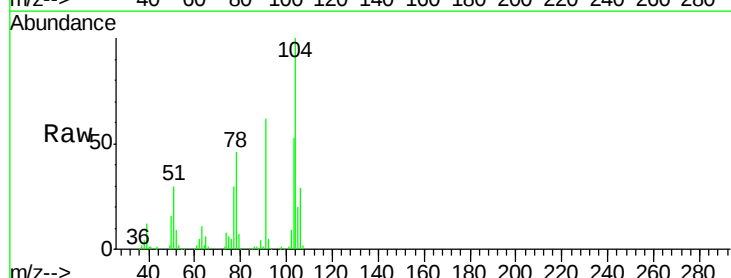
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#70
Styrene
Concen: 20.48 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.8	40.6	60.8
103	55.9	44.7	67.1





#71

Bromoform

Concen: 18.54 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

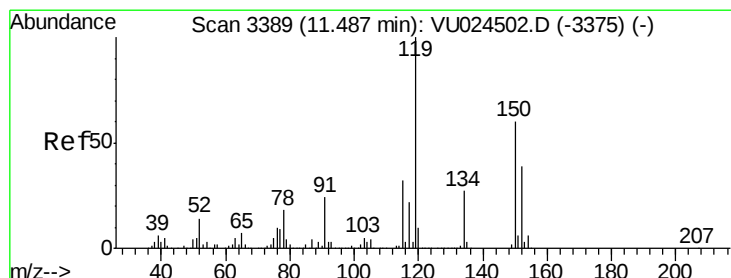
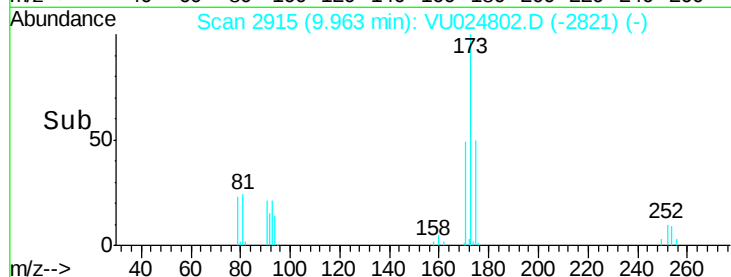
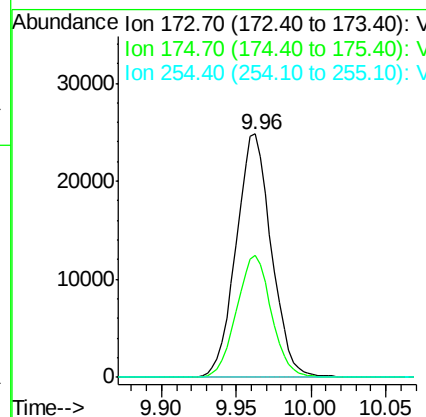
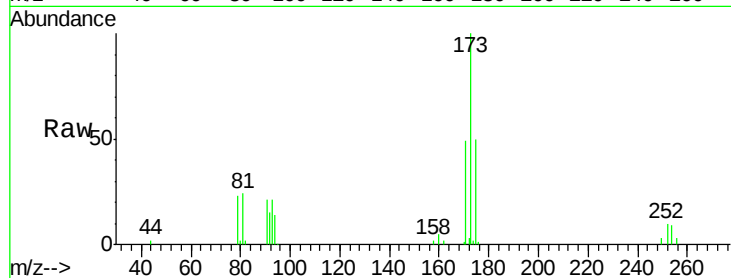
ClientSampleId :

VU0621WBS01

Tot Ion:	173	Resp:	40780
Ion Ratio	Lower	Upper	
173	100		
175	49.3	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

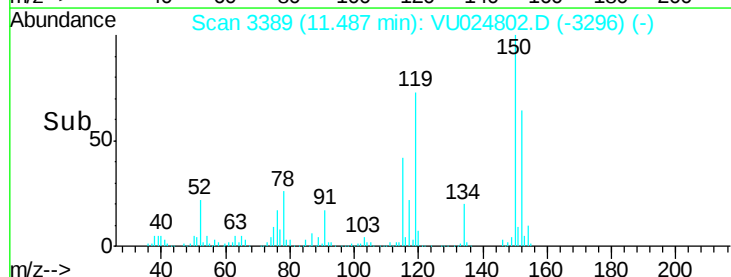
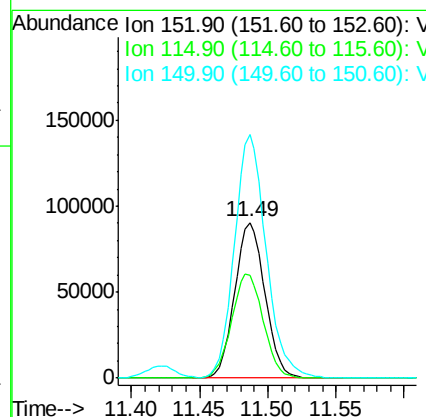
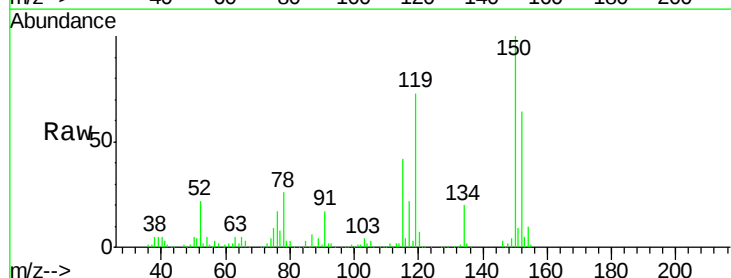
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	152	Resp:	138684
Ion Ratio	Lower	Upper	
152	100		
115	70.5	43.0	129.0
150	164.3	0.0	354.0





#73

Isopropylbenzene

Concen: 21.81 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion: 105 Resp: 232275

Ion Ratio Lower Upper

105 100

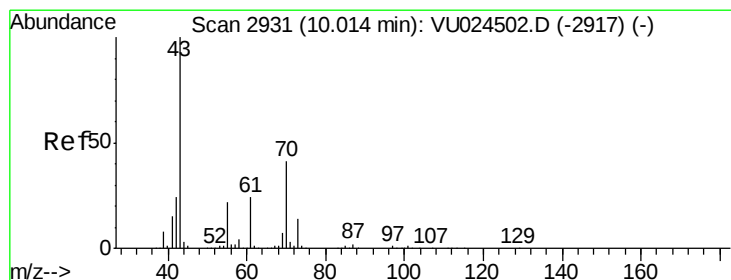
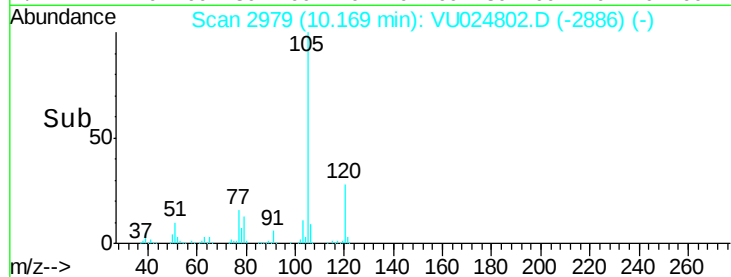
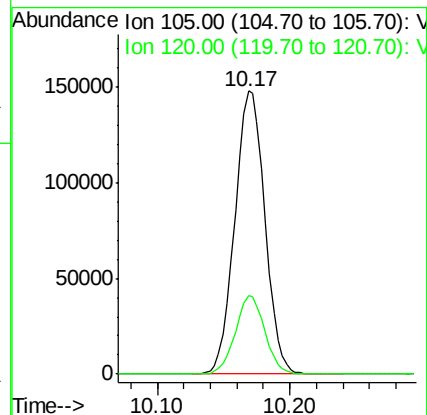
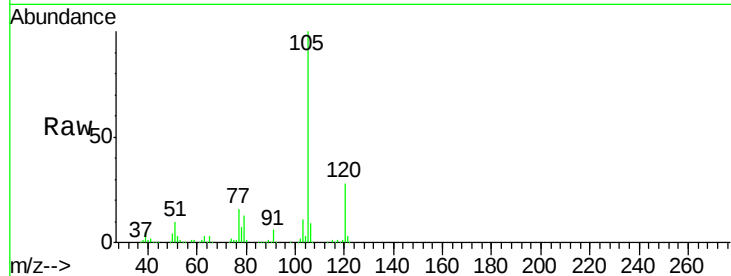
120 27.0 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.81 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion: 43 Resp: 100306

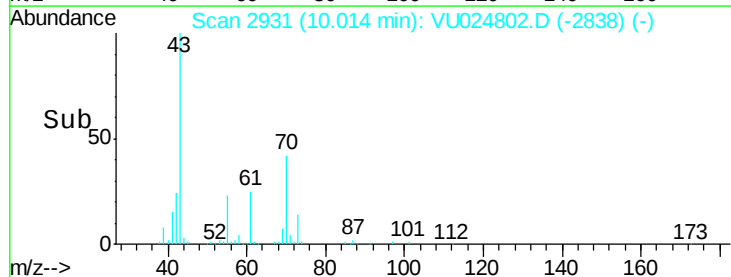
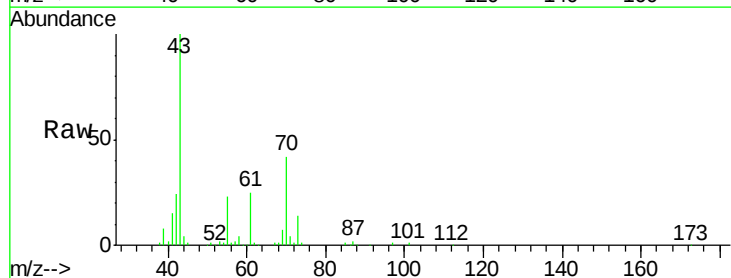
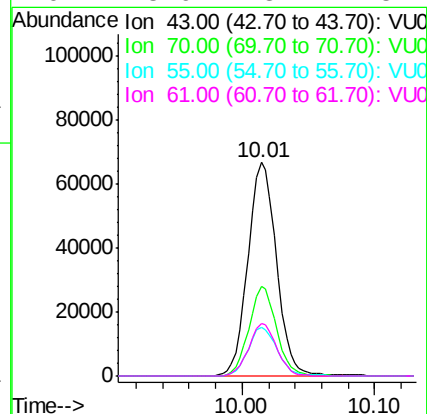
Ion Ratio Lower Upper

43 100

70 40.4 32.2 48.4

55 23.2 20.5 30.7

61 23.9 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.99 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion: 83 Resp: 74900

Ion Ratio Lower Upper

83 100

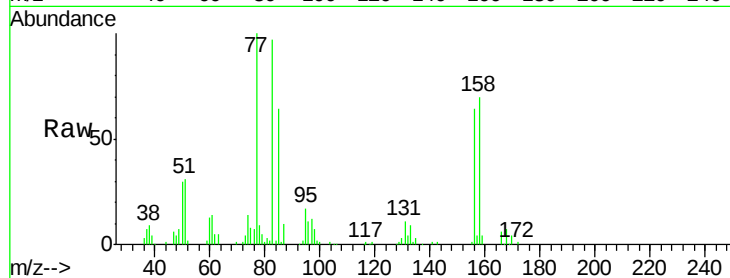
131 10.7 4.7 14.1

85 65.4 32.5 97.5

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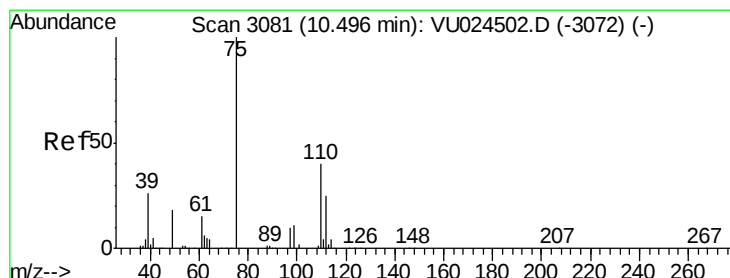
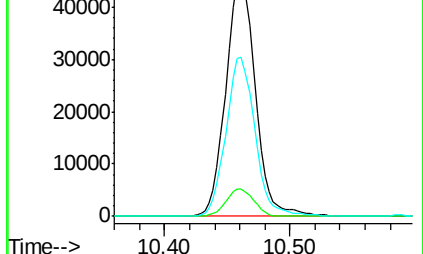
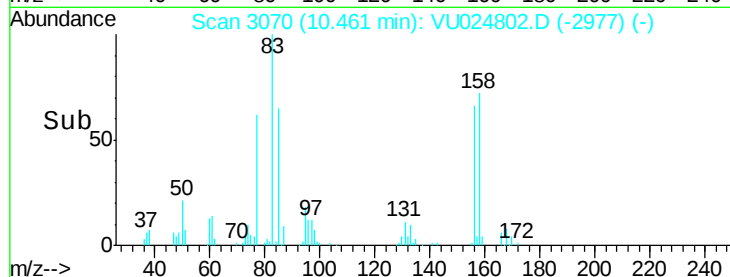


Abundance Ion 82.90 (82.60 to 83.60): VU024802.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024802.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024802.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.74 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024802.D

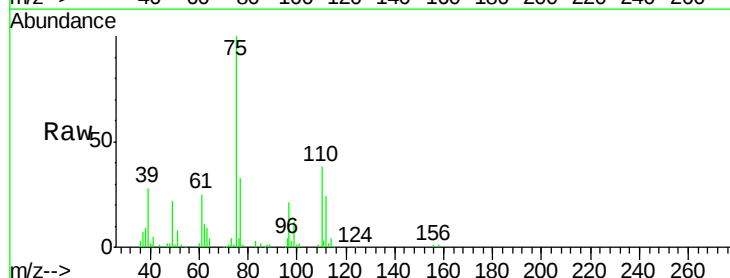
Acq: 21 Jun 2018 11:32

Tgt Ion: 75 Resp: 66365

Ion Ratio Lower Upper

75 100

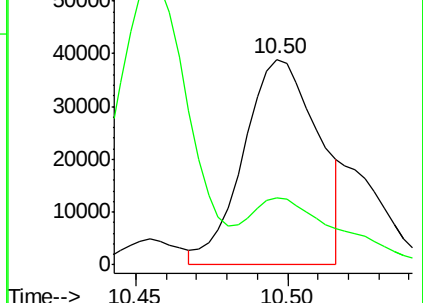
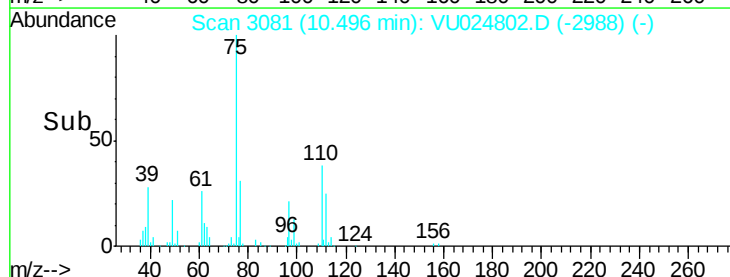
77 39.3 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024802.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024802.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 21.41 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

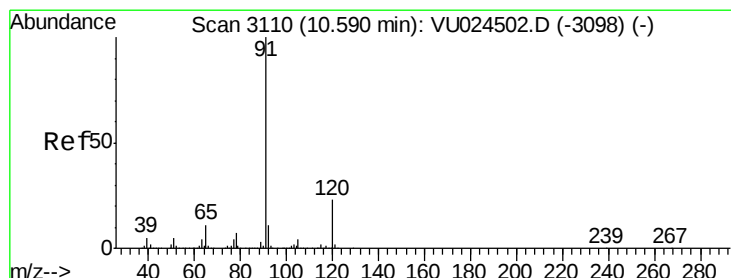
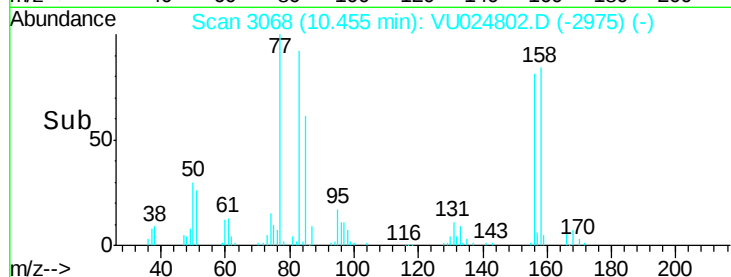
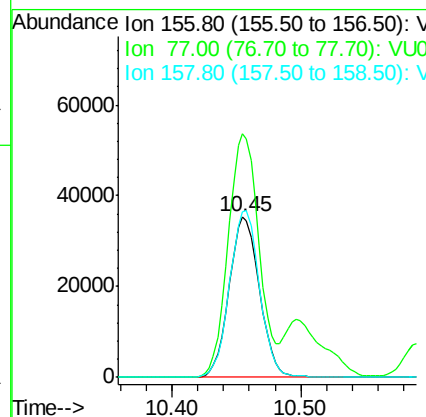
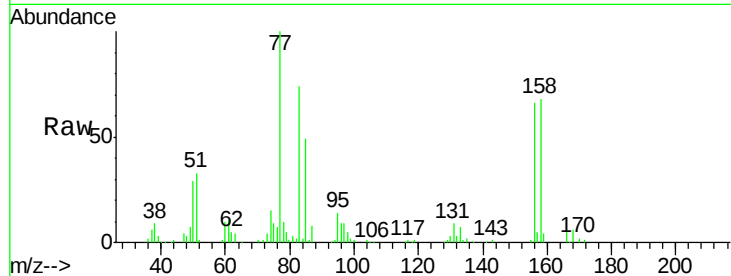
ClientSampleId :

VU0621WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.5	80.5	241.3
158	102.6	48.2	144.6

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#78

n-propylbenzene

Concen: 21.03 ug/l

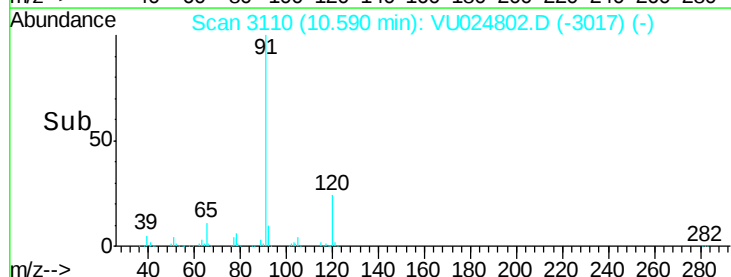
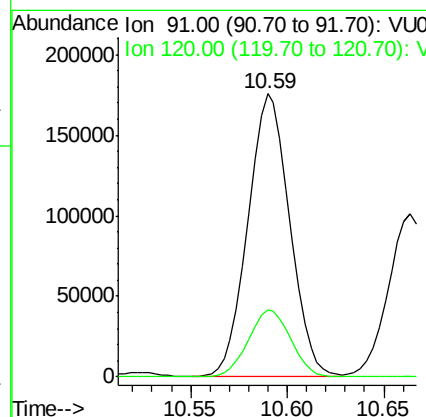
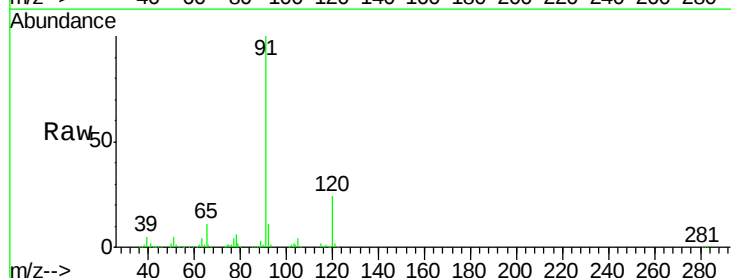
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.2	33.5





#79

2-Chlorotoluene

Concen: 21.19 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU0621WBS01

Tot Ion: 91 Resp: 156766

Ion Ratio Lower Upper

91 100

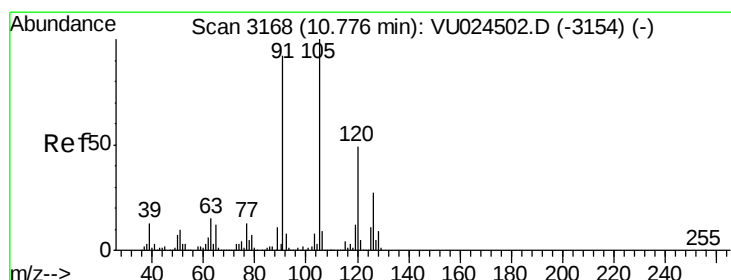
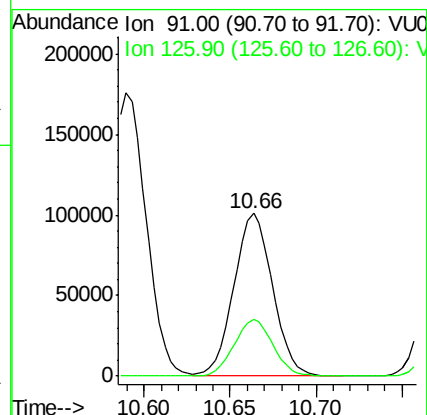
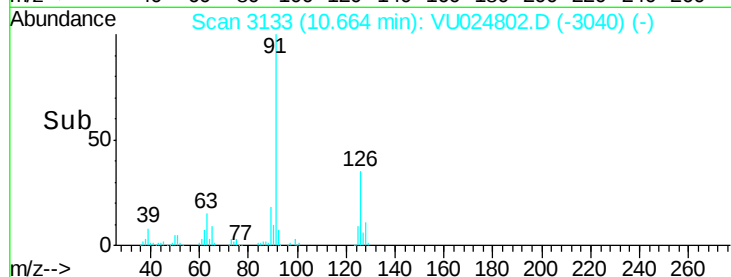
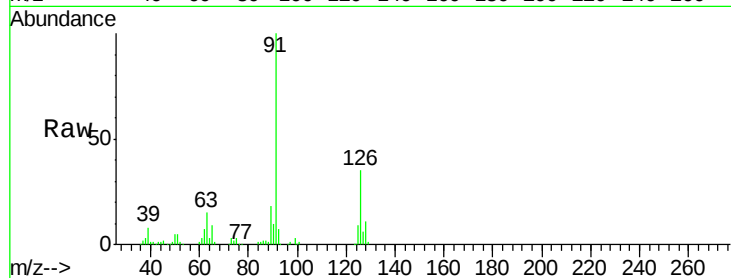
126 35.3 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 21.59 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU024802.D

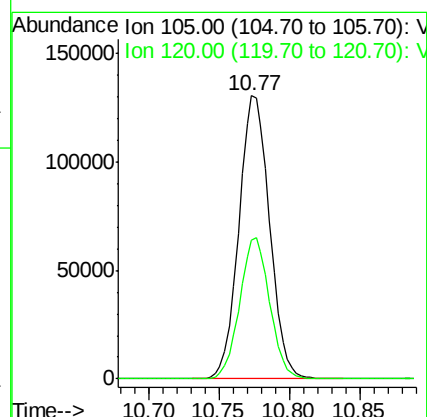
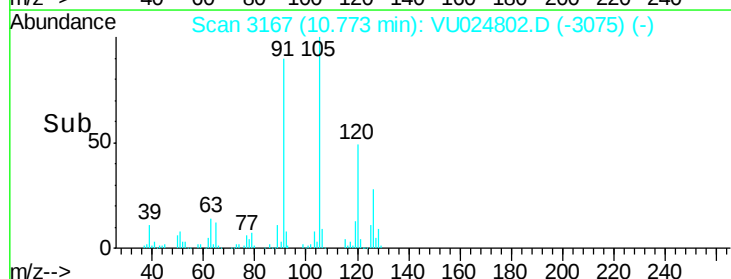
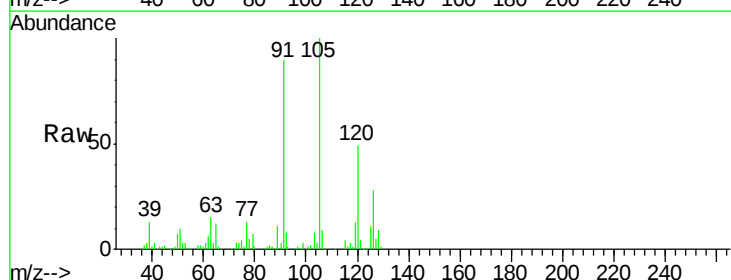
Acq: 21 Jun 2018 11:32

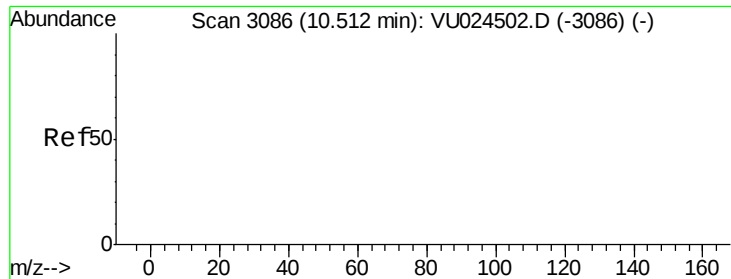
Tgt Ion: 105 Resp: 199214

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2





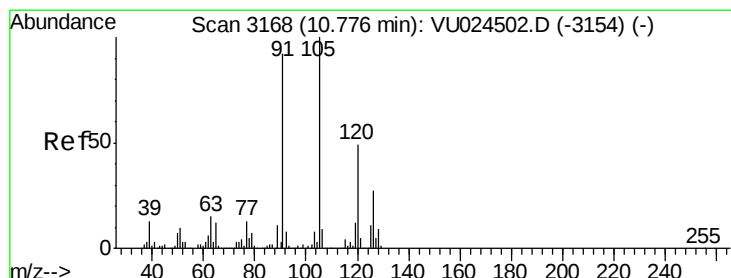
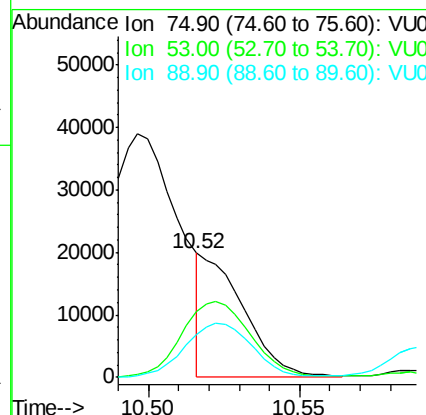
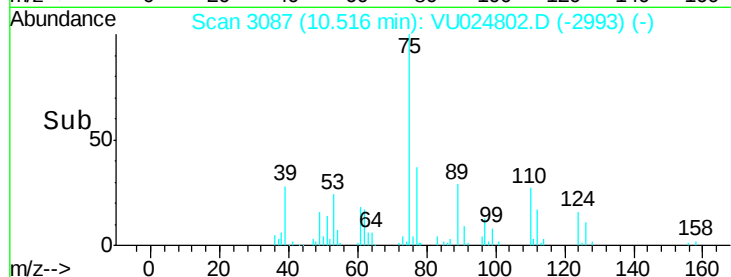
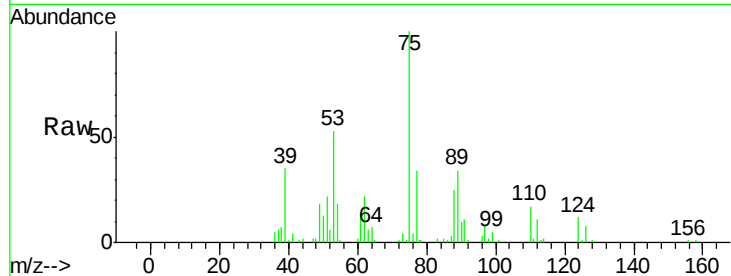
#81
trans-1,4-Dichloro-2-butene
Concen: 14.48 ug/l m
RT: 10.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampled :
VU0621WBS01

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

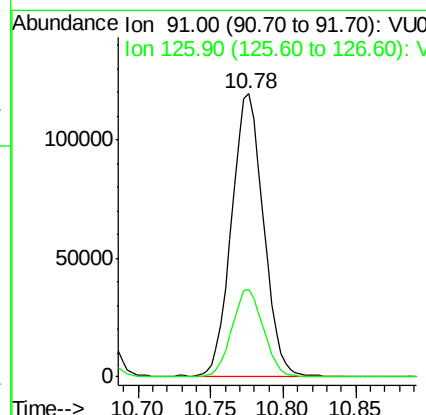
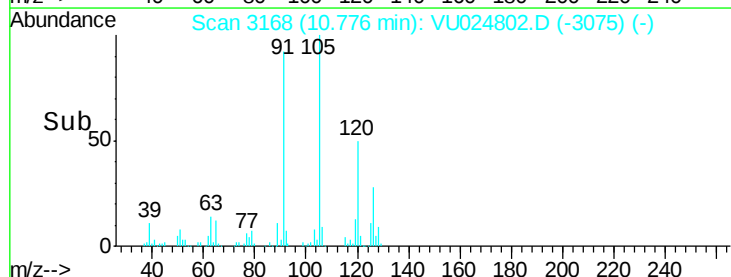
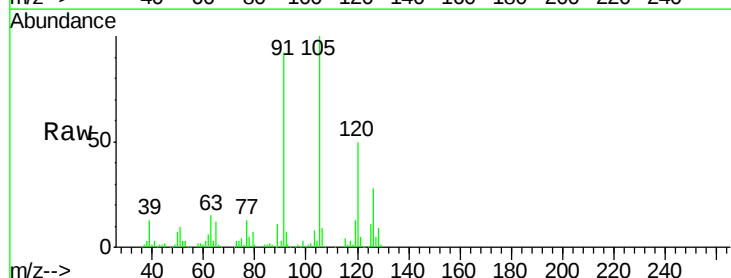
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#82
4-Chlorotoluene
Concen: 21.12 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	14.9	44.9





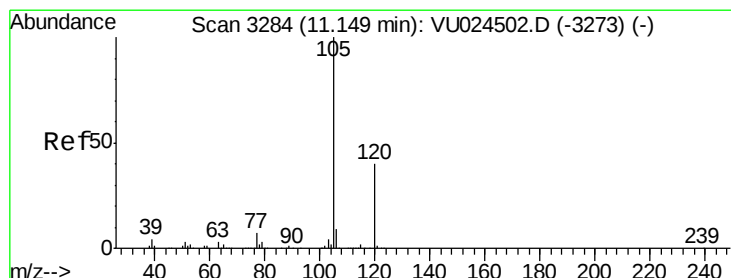
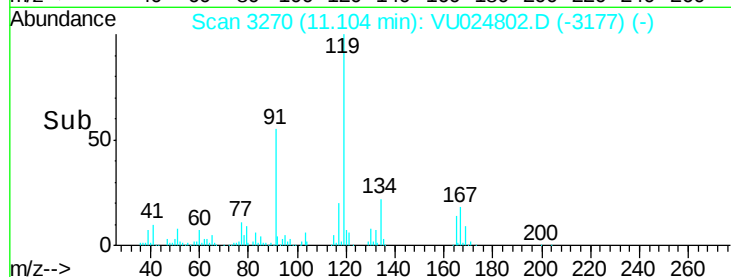
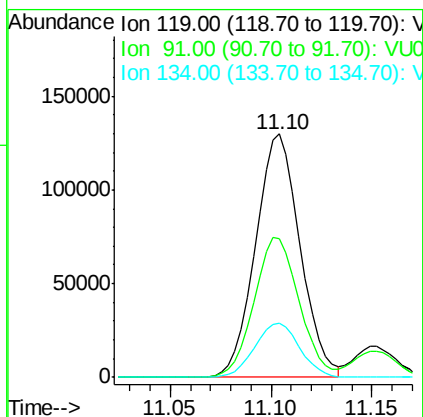
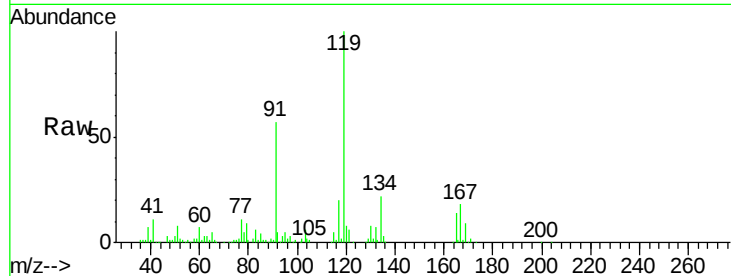
#83
tert-Butylbenzene
Concen: 22.54 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	200100		
91	57.9	29.7	89.1	
134	22.6	11.6	34.7	

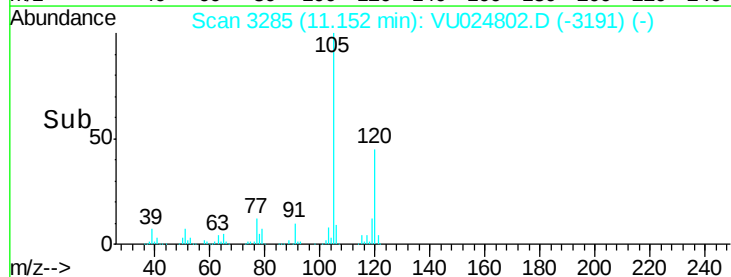
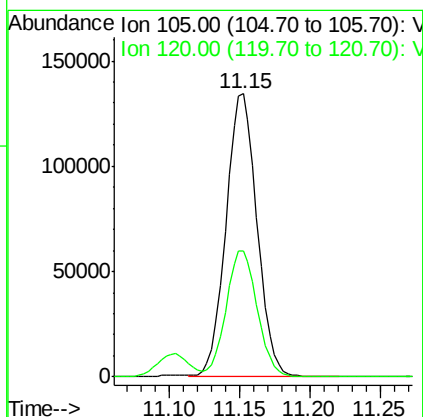
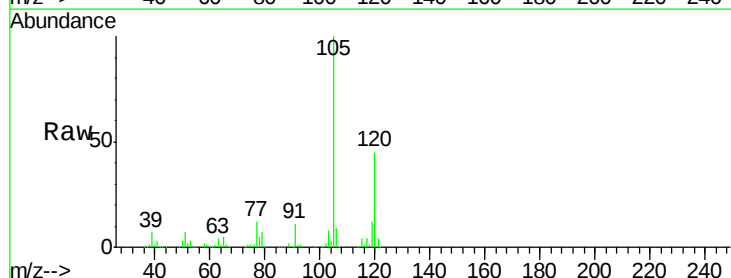
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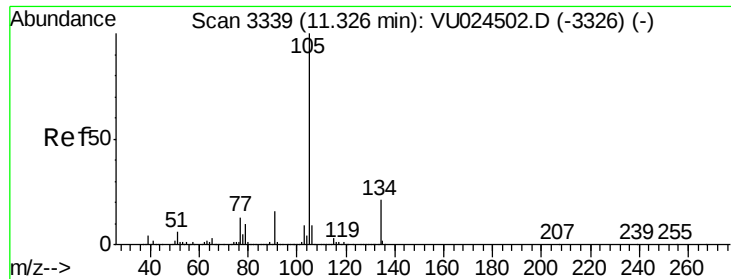
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#84
1,2,4-Trimethylbenzene
Concen: 21.89 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205918		
120	44.9	22.6	67.8	





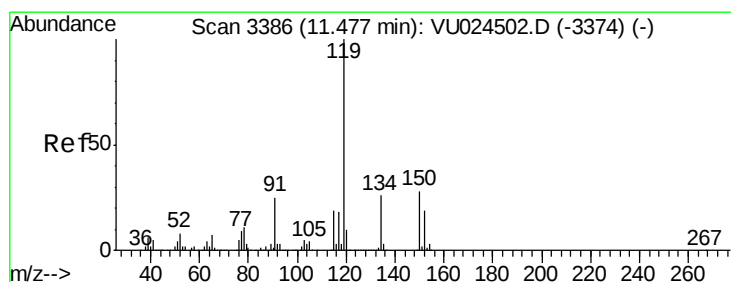
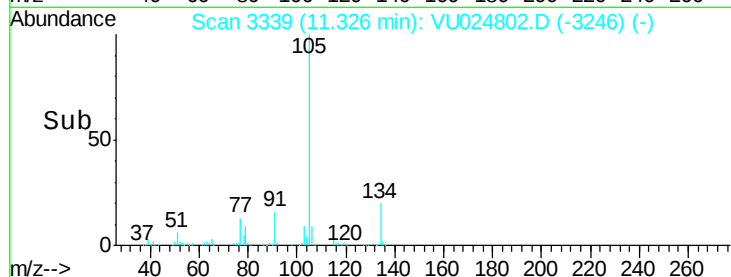
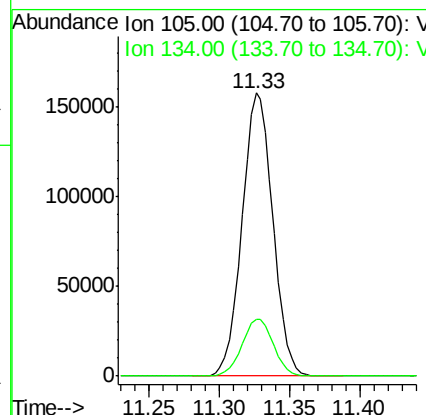
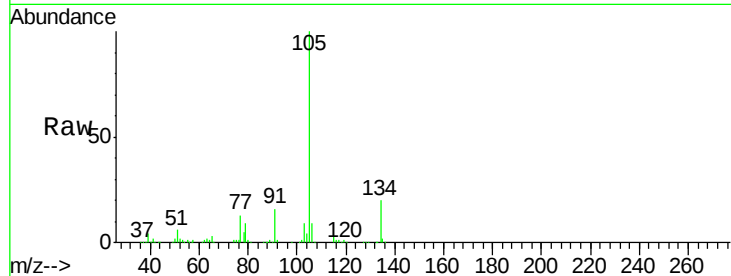
#85
 sec-Butylbenzene
 Concen: 21.64 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	9.7	29.1

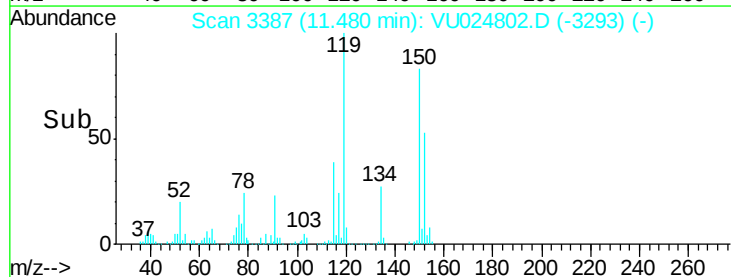
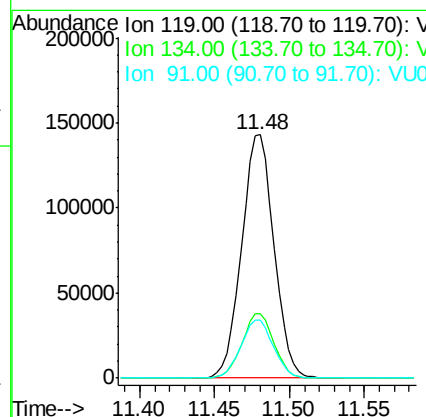
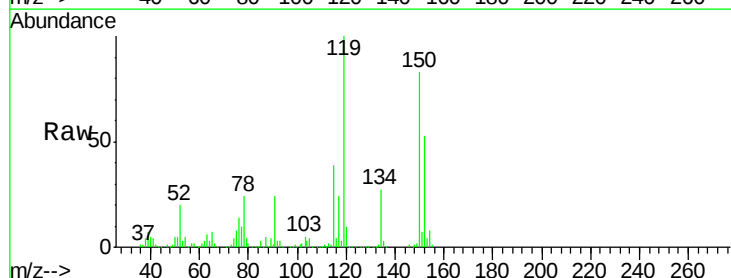
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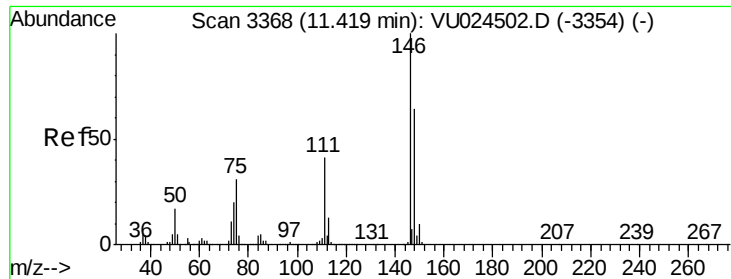
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#86
 p-Isopropyltoluene
 Concen: 21.62 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	12.9	38.6
91	24.2	12.0	36.1





#87

1,3-Dichlorobenzene

Concen: 21.14 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

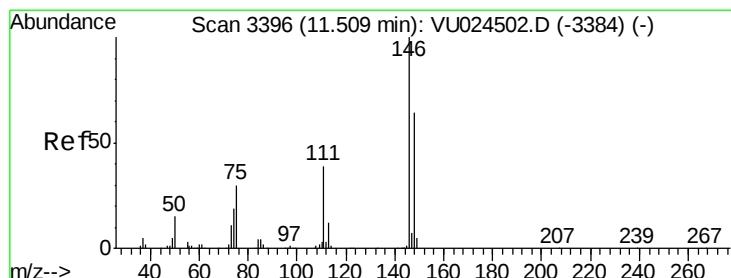
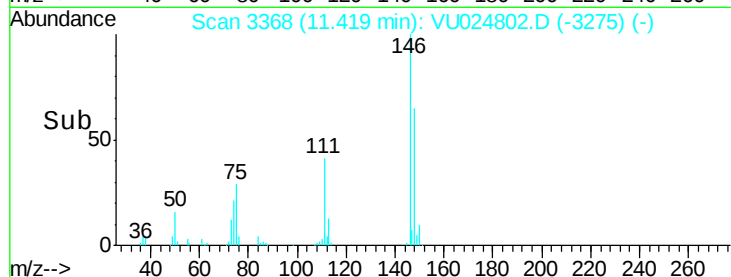
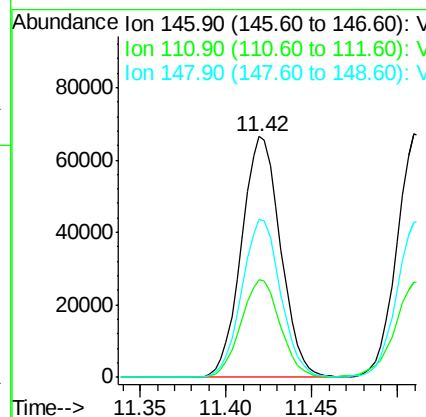
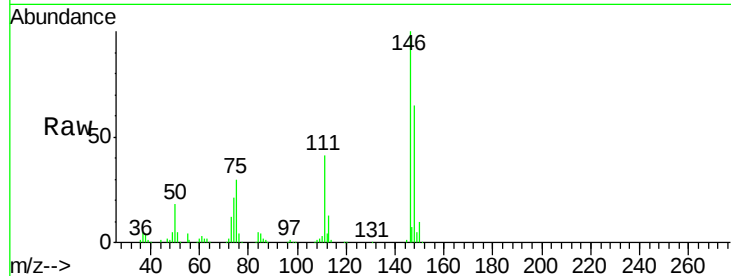
ClientSampleId :

VU0621WBS01

Tot Ion:	146	Resp:	105263
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.0	60.0
148	65.0	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 21.08 ug/l

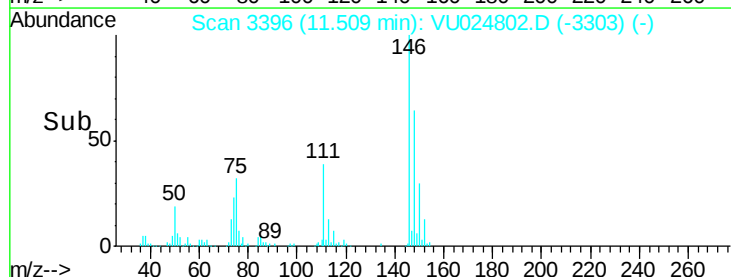
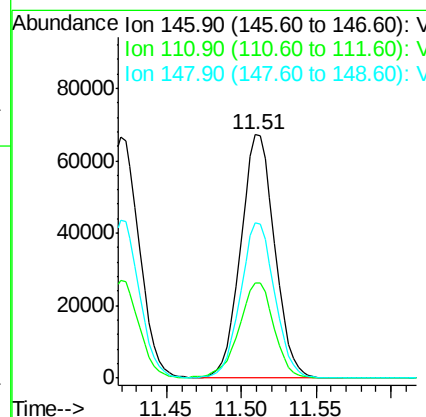
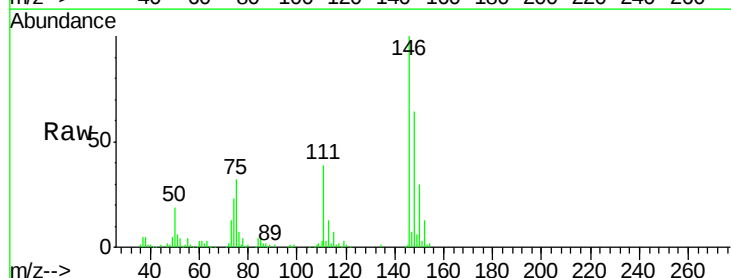
RT: 11.51 min Scan# 3396

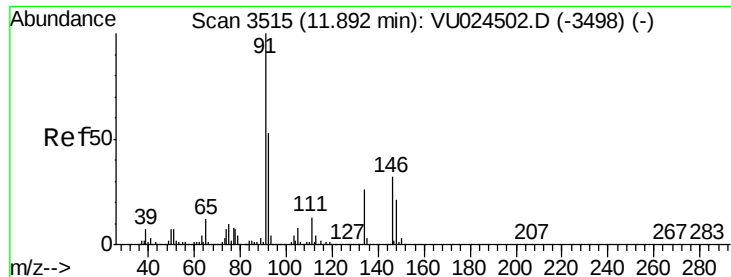
Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	146	Resp:	105672
Ion Ratio	Lower	Upper	
146	100		
111	41.0	19.5	58.5
148	64.7	32.4	97.0





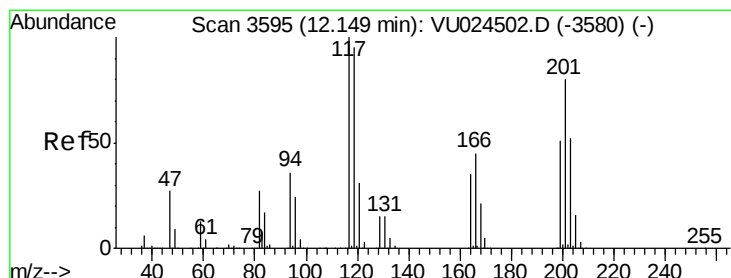
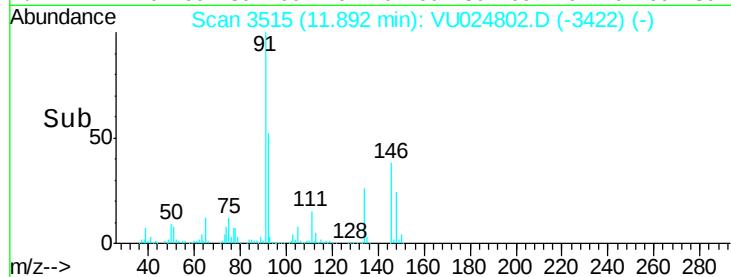
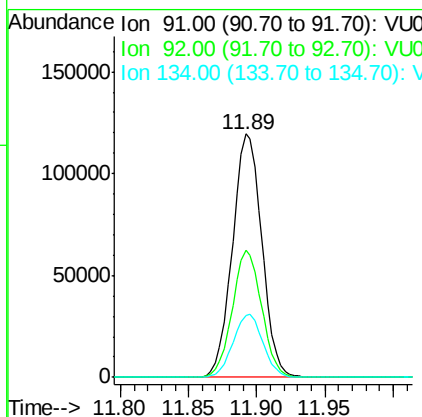
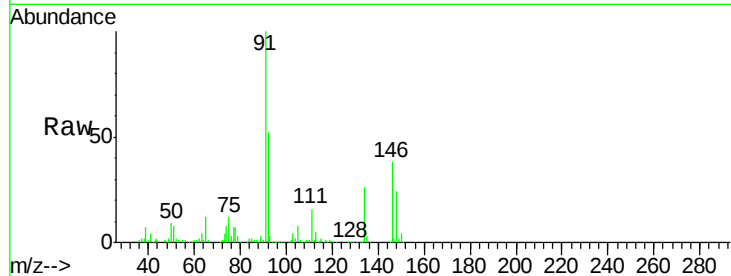
#89
n-Butylbenzene
Concen: 20.25 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU0621WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.6	76.8
134	26.2	12.3	36.8

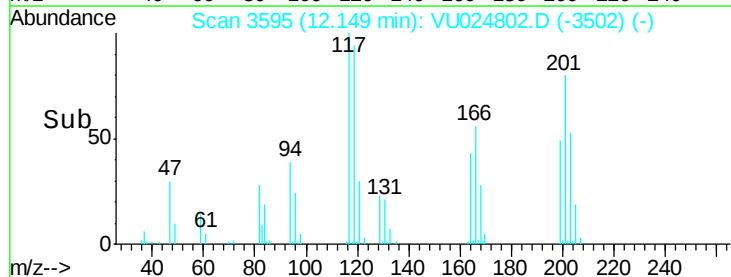
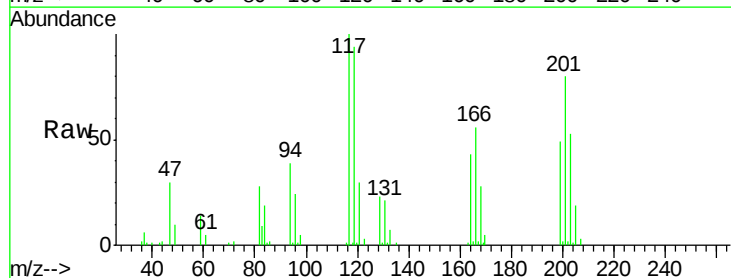
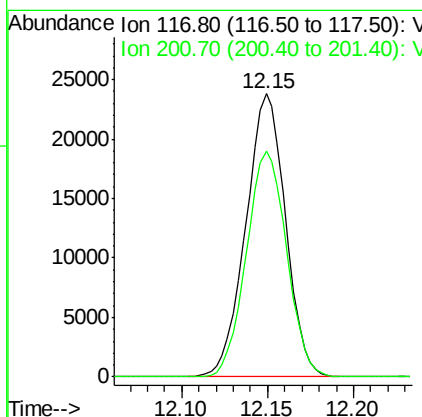
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#90
Hexachloroethane
Concen: 19.61 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024802.D
Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	41.1	123.3





#91

1,2-Dichlorobenzene

Concen: 21.41 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

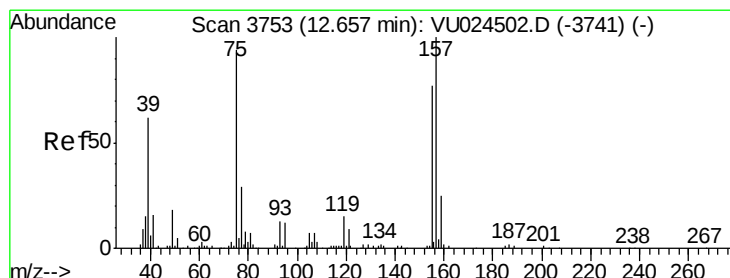
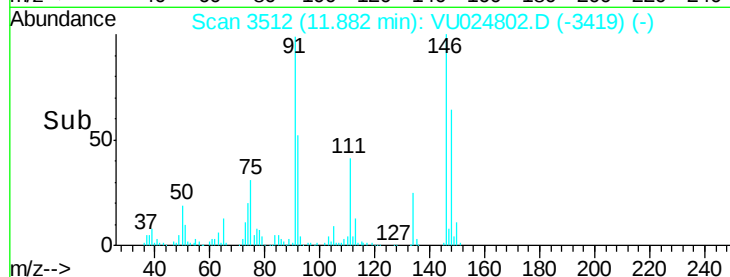
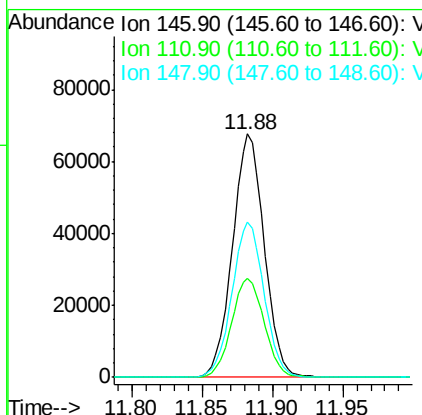
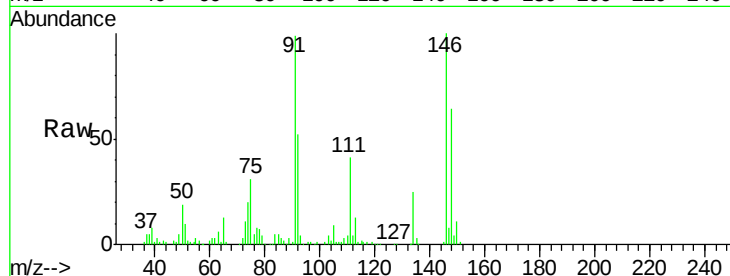
ClientSampleId :

VU0621WBS01

Tot Ion:	146	Resp:	106786
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.5	61.6
148	64.4	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.30 ug/l

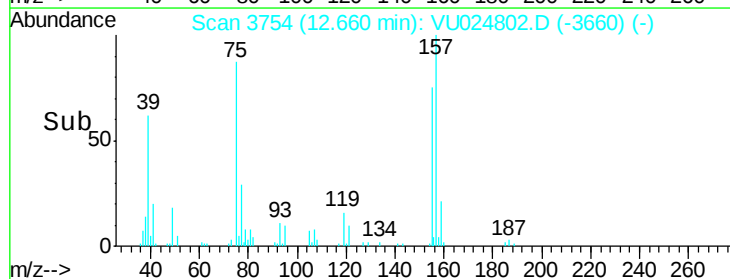
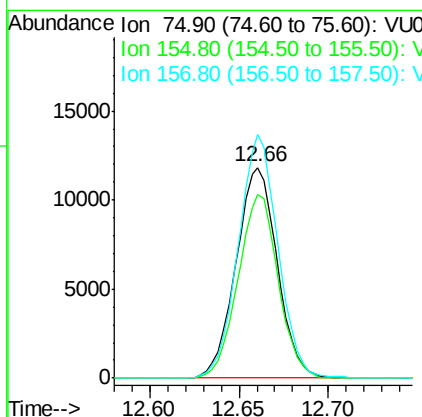
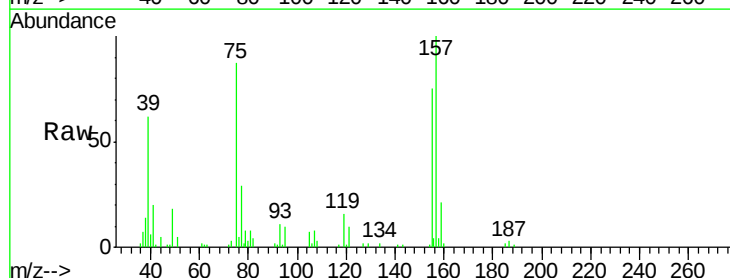
RT: 12.66 min Scan# 3754

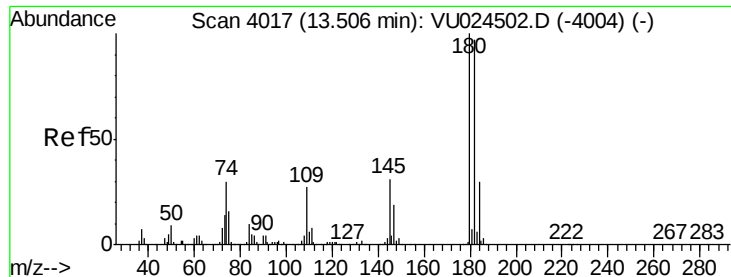
Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	75	Resp:	19000
Ion Ratio	Lower	Upper	
75	100		
155	84.6	40.4	121.2
157	111.3	52.3	156.8





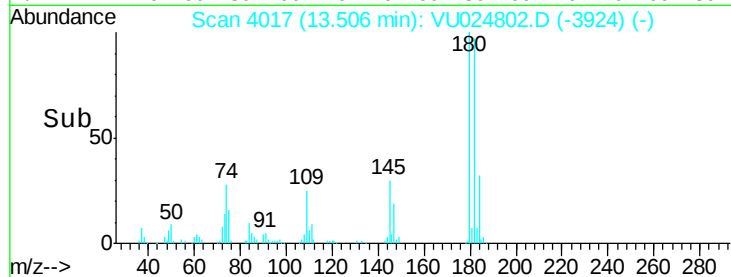
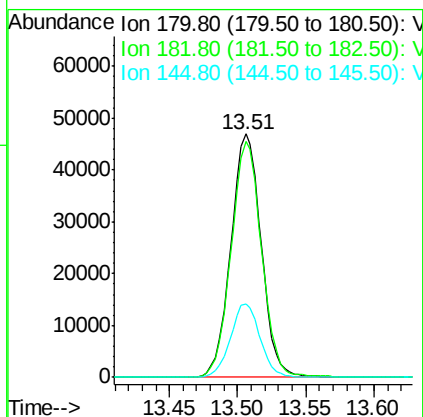
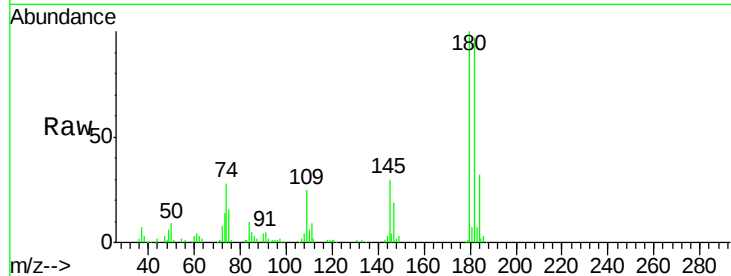
#93
 1,2,4-Trichlorobenzene
 Concen: 23.49 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.0	144.2
145	29.5	14.7	44.1

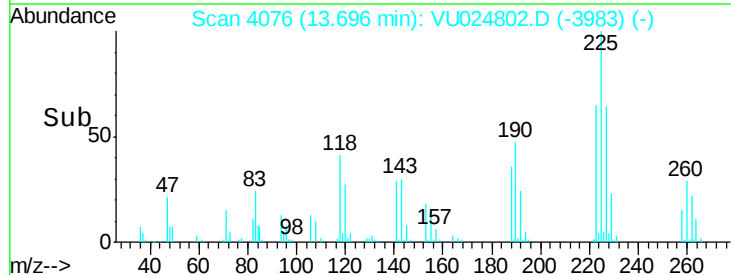
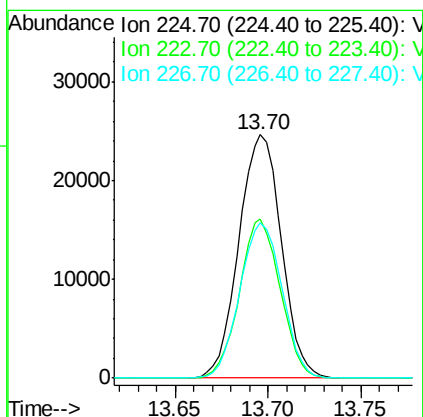
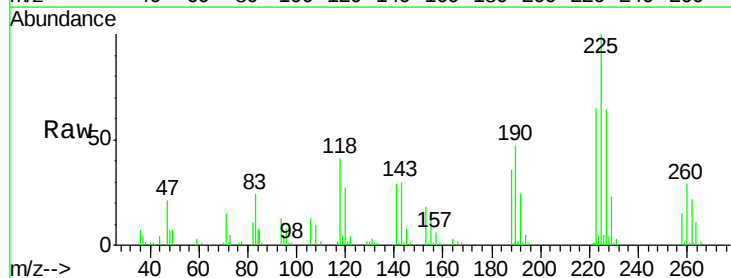
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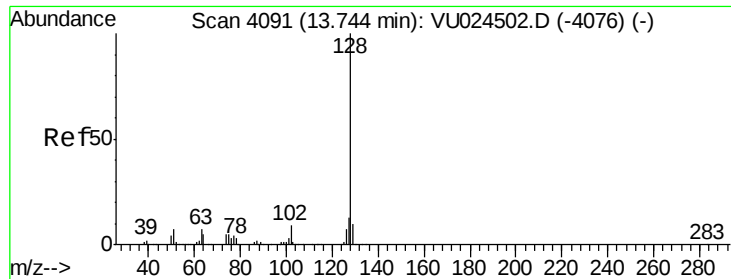
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#94
 Hexachlorobutadiene
 Concen: 22.63 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024802.D
 Acq: 21 Jun 2018 11:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	63.5	31.8	95.4





#95

Naphthalene

Concen: 23.19 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Instrument :

MSVOA_U

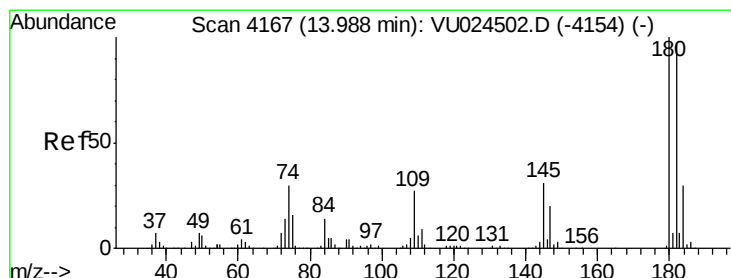
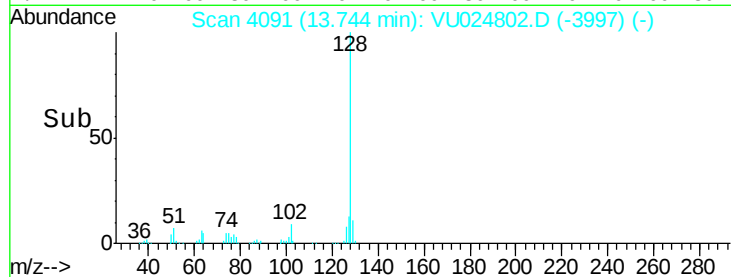
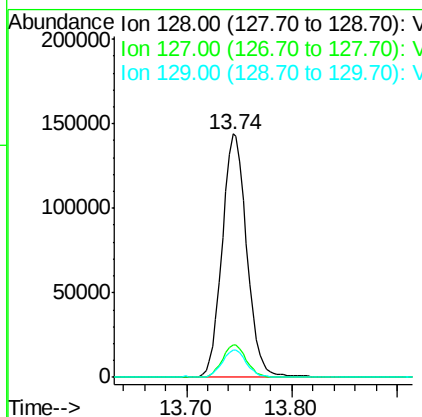
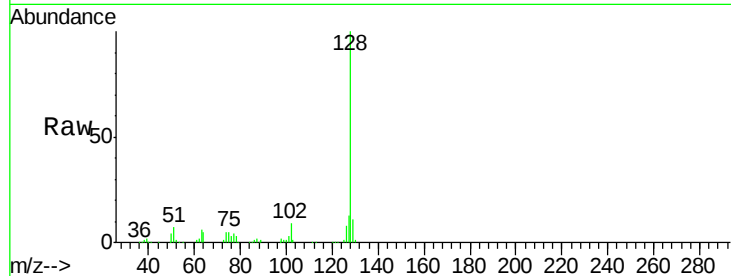
ClientSampleId :

VU0621WBS01

Tot Ion:	128	Resp:	232719
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	11.2	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 25.04 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024802.D

Acq: 21 Jun 2018 11:32

Tgt Ion:	180	Resp:	76863
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.9	143.7
145	30.6	15.4	46.1

