

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024890.D
 Acq On : 25 Jun 2018 21:23
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:21:53 AM

Quant Time: Jun 26 05:47:44 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	181049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	279680	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	267863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	166427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	136940	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
35) Dibromofluoromethane	4.89	113	110482	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	7.57	98	387024	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
62) 4-Bromofluorobenzene	10.31	95	163263	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94576	41.73	ug/l	99
3) Chloromethane	1.33	50	94963	41.02	ug/l	99
4) Vinyl Chloride	1.40	62	104279	43.67	ug/l	100
5) Bromomethane	1.61	94	62556	54.20	ug/l	99
6) Chloroethane	1.69	64	69517	52.15	ug/l	98
7) Trichlorofluoromethane	1.88	101	173073	47.50	ug/l	99
8) Diethyl Ether	2.10	74	64101	51.76	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.29	101	100042	44.26	ug/l	97
10) Methyl Iodide	2.41	142	105145	54.44	ug/l	100
11) Tert butyl alcohol	2.83	59	156193	217.28	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92465	44.85	ug/l	95
13) Acrolein	2.19	56	51282	135.85	ug/l	99
14) Allyl chloride	2.59	41	163243	42.65	ug/l	99
15) Acrylonitrile	2.93	53	325537	232.76	ug/l	100
16) Acetone	2.32	43	316765	199.46	ug/l	99
17) Carbon Disulfide	2.48	76	248194	37.60	ug/l	99
18) Methyl Acetate	2.62	43	177626	52.17	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	376475	48.58	ug/l	95
20) Methylene Chloride	2.70	84	117770	47.26	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	101805	44.84	ug/l	96
22) Diisopropyl ether	3.57	45	365305	48.14	ug/l	97
23) Vinyl Acetate	3.53	43	1553659	228.58	ug/l	99
24) 1,1-Dichloroethane	3.45	63	207016	47.43	ug/l	98
25) 2-Butanone	4.26	43	479433	224.75	ug/l	98
26) 2,2-Dichloropropane	4.23	77	174125	42.01	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	123214	47.20	ug/l	99
28) Bromochloromethane	4.55	49	89922	46.77	ug/l	88
29) Tetrahydrofuran	4.64	42	298551	226.01	ug/l	96
30) Chloroform	4.68	83	215126	48.69	ug/l	97
31) Cyclohexane	5.00	56	177195	45.54	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	194350	47.57	ug/l	96
36) 1,1-Dichloropropene	5.14	75	148576	45.21	ug/l	97
37) Ethyl Acetate	4.38	43	173311	48.38	ug/l	97
38) Carbon Tetrachloride	5.14	117	173444	47.99	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	182507	44.50	ug/l	95
40) Benzene	5.39	78	448871	47.93	ug/l	100
41) Methacrylonitrile	4.54	41	97538	50.50	ug/l	98
42) 1,2-Dichloroethane	5.41	62	183404	51.42	ug/l	100
43) Isopropyl Acetate	5.55	43	285415	46.10	ug/l	99
44) Trichloroethene	6.19	130	125016	46.91	ug/l	93
45) 1,2-Dichloropropane	6.44	63	122800	49.15	ug/l	98
46) Dibromomethane	6.56	93	86425	49.24	ug/l	95
47) Bromodichloromethane	6.76	83	168514	48.22	ug/l	98
48) Methyl methacrylate	6.62	41	146563	48.61	ug/l	98
49) 1,4-Dioxane	6.62	88	68766	1166.29	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	939515	241.53	ug/l	99
52) Toluene	7.64	92	287579	47.73	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	183745	46.82	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	192632	46.06	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	120531	49.22	ug/l	98
56) Ethyl methacrylate	8.02	69	197801	48.26	ug/l	98
57) 1,3-Dichloropropane	8.25	76	203456	49.25	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	70860	45.12	ug/l	95
59) 2-Hexanone	8.36	43	753655	237.32	ug/l	100
60) Dibromochloromethane	8.48	129	143497	46.99	ug/l	99
61) 1,2-Dibromoethane	8.59	107	132216	48.50	ug/l	100
64) Tetrachloroethene	8.23	164	116283	45.67	ug/l	98
65) Chlorobenzene	9.12	112	334734	48.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	128799	49.54	ug/l	98
67) Ethyl Benzene	9.25	91	575079	47.94	ug/l	97
68) m/p-Xylenes	9.38	106	453084	98.36	ug/l	97
69) o-Xylene	9.78	106	224479	49.24	ug/l	97
70) Styrene	9.80	104	372545	49.73	ug/l	99
71) Bromoform	9.96	173	113710	46.02	ug/l #	99
73) Isopropylbenzene	10.17	105	611293	47.84	ug/l	99
74) N-amyl acetate	10.01	43	275037	45.25	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	207241	48.40	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	202908m	55.38	ug/l	
77) Bromobenzene	10.45	156	154719	47.83	ug/l	96
78) n-propylbenzene	10.59	91	691916	45.97	ug/l	97
79) 2-Chlorotoluene	10.66	91	417366	47.02	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	529851	47.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	66268m	41.86	ug/l	
82) 4-Chlorotoluene	10.78	91	490681	47.50	ug/l	100
83) tert-Butylbenzene	11.10	119	528907	49.65	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	541957	48.02	ug/l	99
85) sec-Butylbenzene	11.33	105	638262	47.86	ug/l	97
86) p-Isopropyltoluene	11.48	119	572066	47.90	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	290820	48.66	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	291307	48.43	ug/l	99
89) n-Butylbenzene	11.89	91	474427	44.74	ug/l	97
90) Hexachloroethane	12.15	117	103054	44.23	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	301649	50.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56163	47.54	ug/l	92

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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	199486	53.97	ug/l	100
94) Hexachlorobutadiene	13.70	225	102802	49.41	ug/l	99
95) Naphthalene	13.74	128	655094	53.48	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	210333	57.10	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 181049

Ion Ratio Lower Upper

168 100

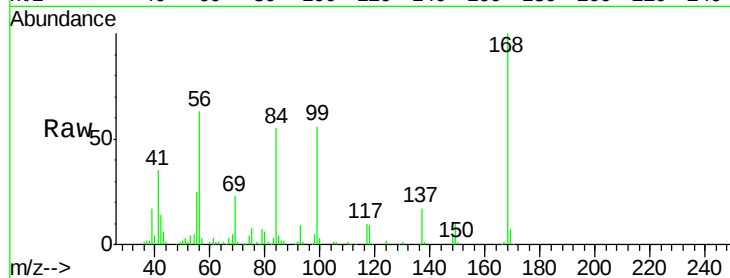
99 55.8 43.2 64.8

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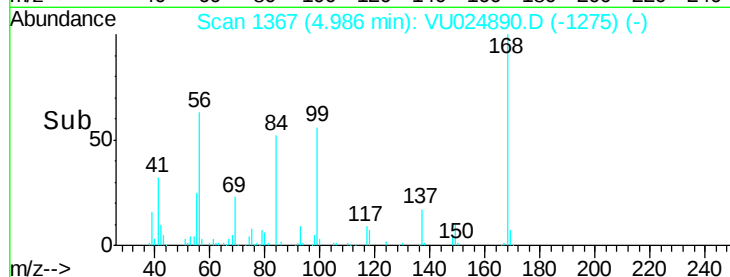
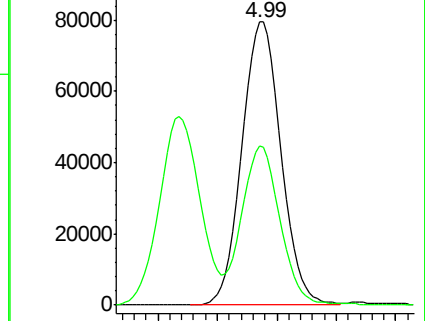
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 41.73 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024890.D

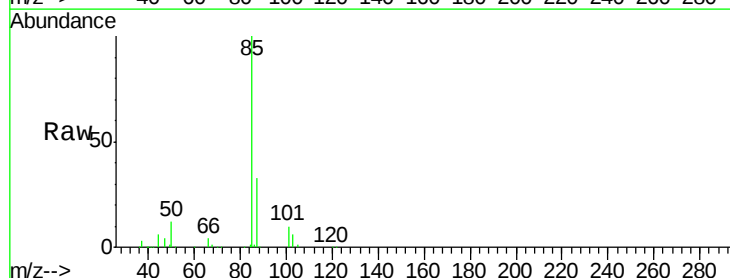
Acq: 25 Jun 2018 21:23

Tgt Ion: 85 Resp: 94576

Ion Ratio Lower Upper

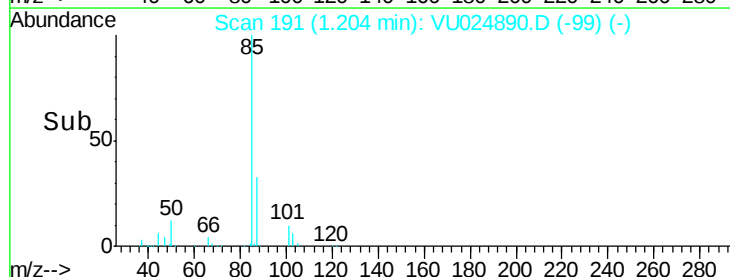
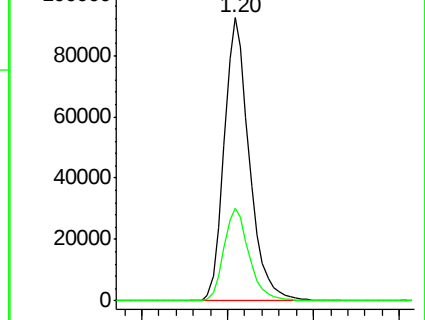
85 100

87 32.9 16.1 48.2



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

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





#3

Chloromethane

Concen: 41.02 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 94963

Ion Ratio Lower Upper

50 100

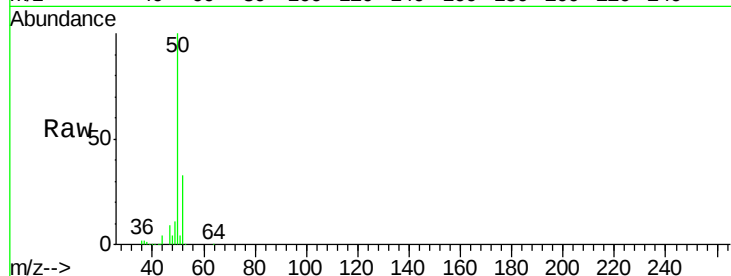
52 32.6 26.4 39.6

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Abundance Ion 49.90 (49.60 to 50.60): VU024890.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU024890.D (-137) (-)

1.33

100000

80000

60000

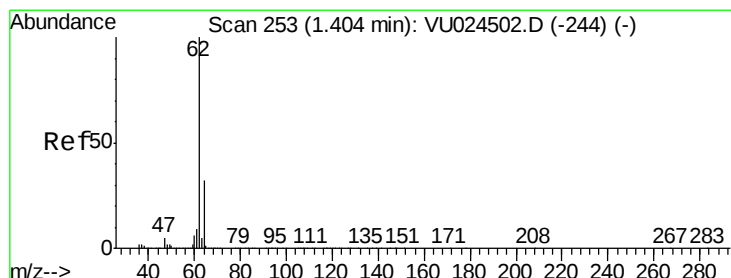
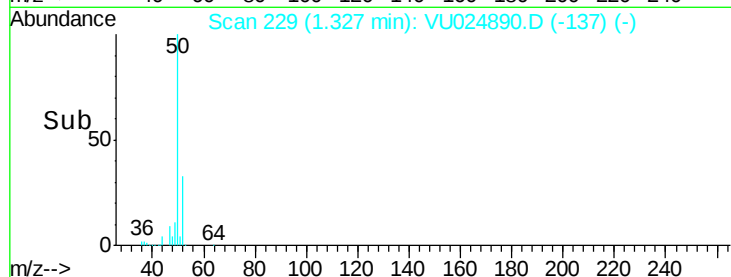
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 43.67 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024890.D

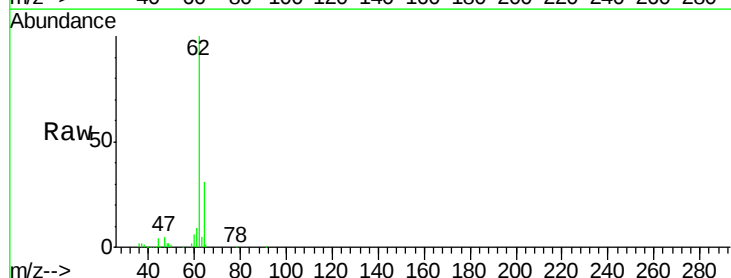
Acq: 25 Jun 2018 21:23

Tgt Ion: 62 Resp: 104279

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024890.D (-160) (-)

Ion 63.90 (63.60 to 64.60): VU024890.D (-160) (-)

1.40

100000

80000

60000

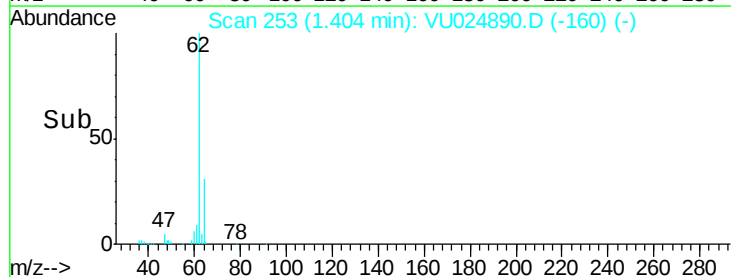
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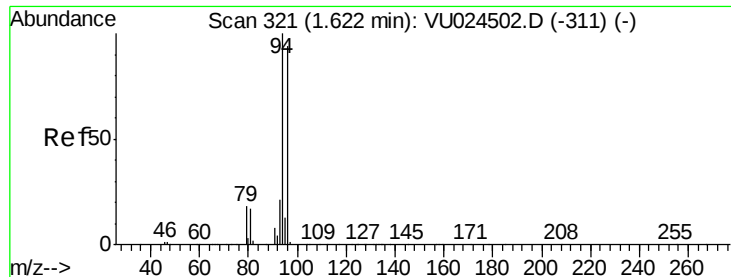
20000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 54.20 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 62556

Ion Ratio Lower Upper

94 100

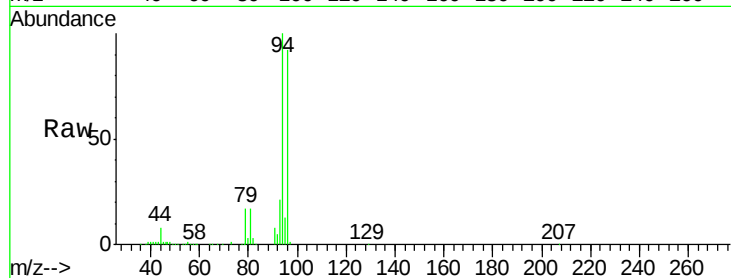
96 92.3 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.61

60000

50000

40000

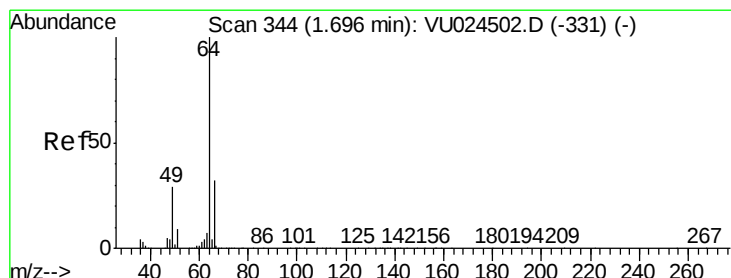
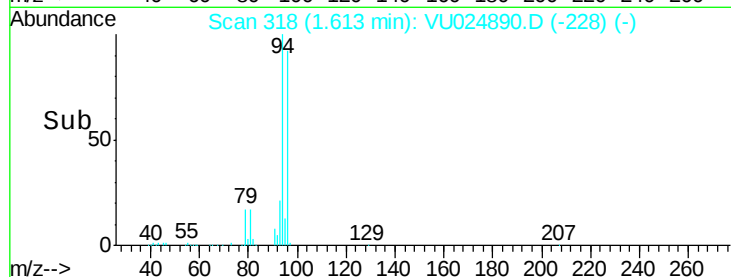
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 52.15 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU024890.D

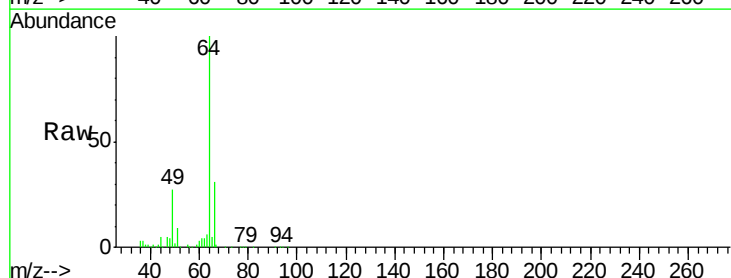
Acq: 25 Jun 2018 21:23

Tgt Ion: 64 Resp: 69517

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

1.69

60000

50000

40000

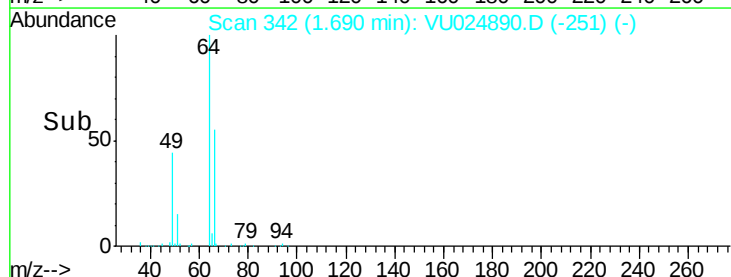
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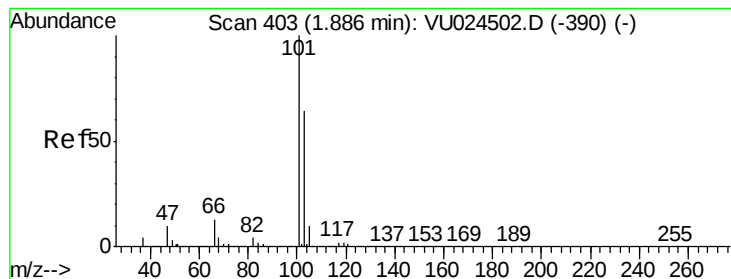
20000

10000

0

Time-->





#7

Trichlorofluoromethane

Concen: 47.50 ug/l

RT: 1.88 min Scan# 402

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

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ClientSampleId :

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Tot Ion:101 Resp: 173073

Ion Ratio Lower Upper

101 100

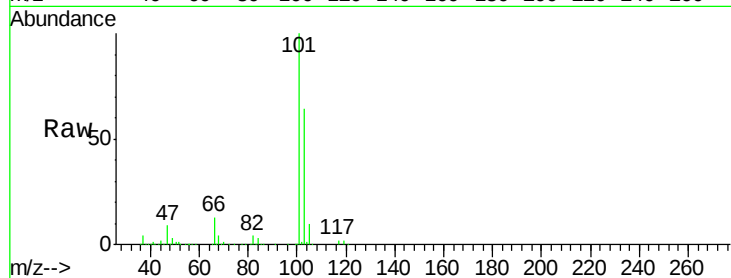
103 64.4 52.3 78.5

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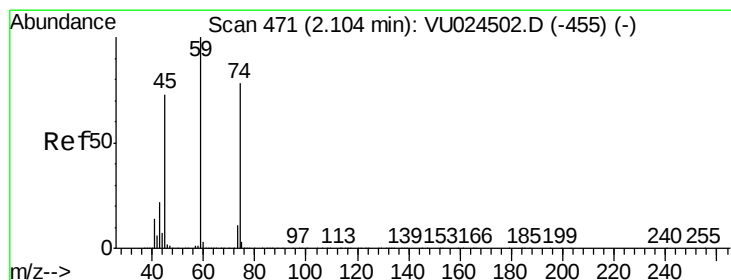
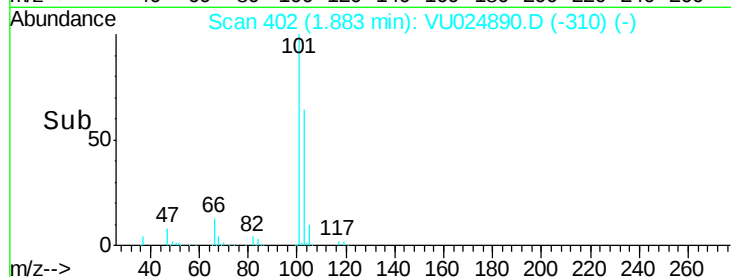
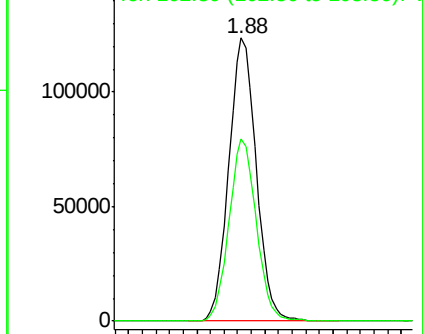
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.76 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024890.D

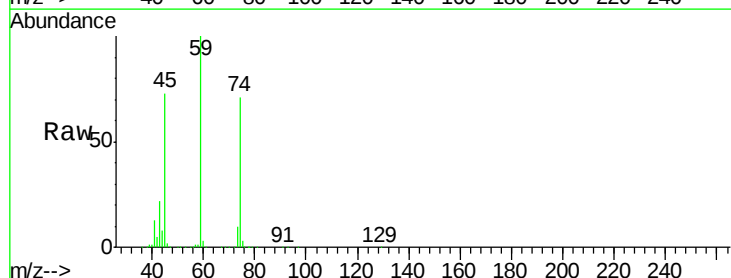
Acq: 25 Jun 2018 21:23

Tgt Ion: 74 Resp: 64101

Ion Ratio Lower Upper

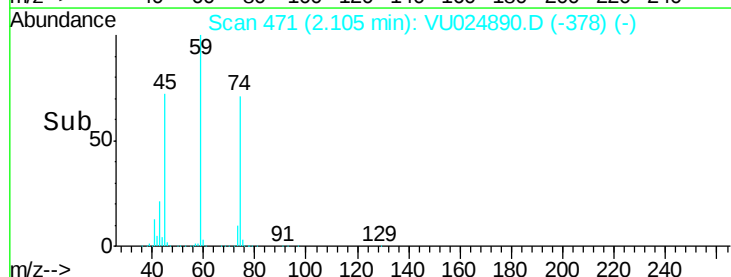
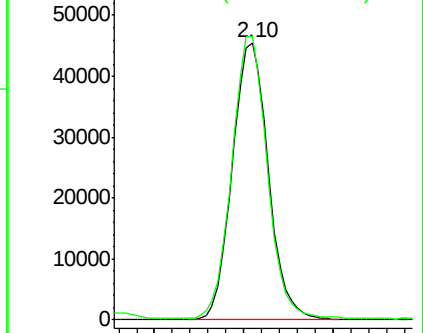
74 100

45 101.1 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.26 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

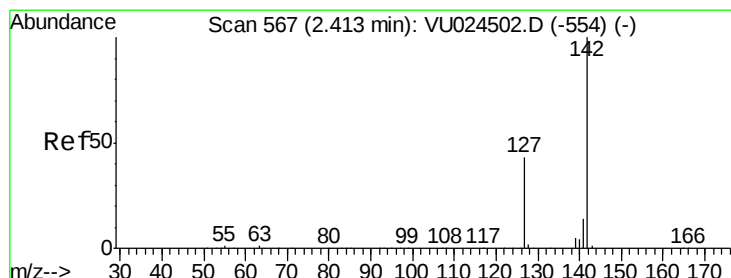
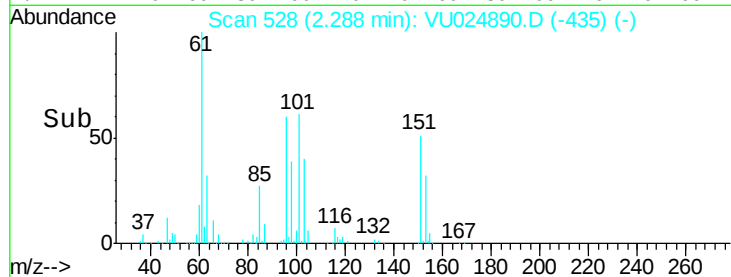
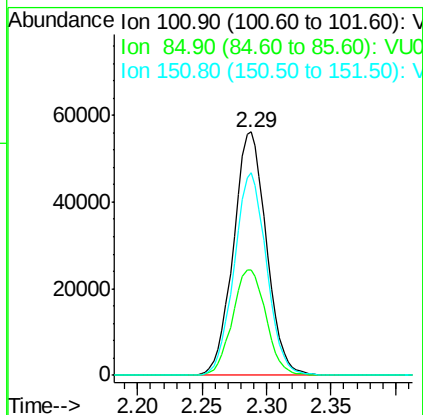
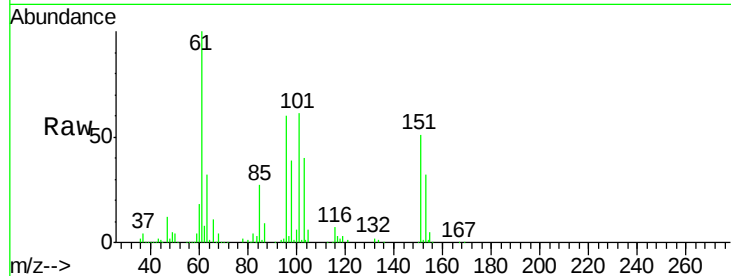
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	100042
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.0	54.0
151	81.7	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 54.44 ug/l

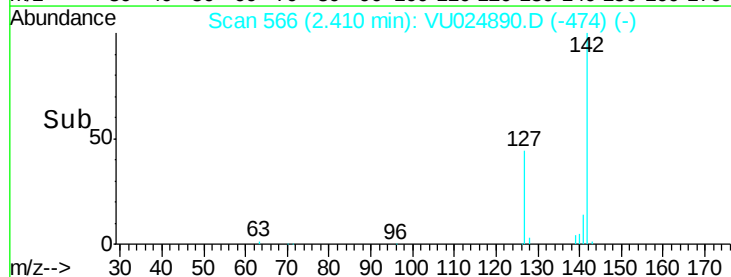
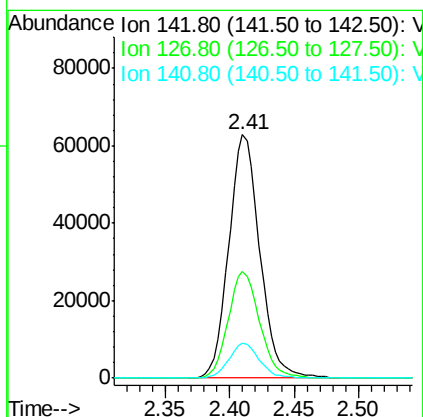
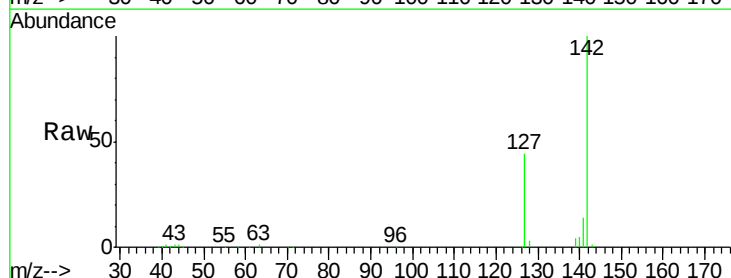
RT: 2.41 min Scan# 566

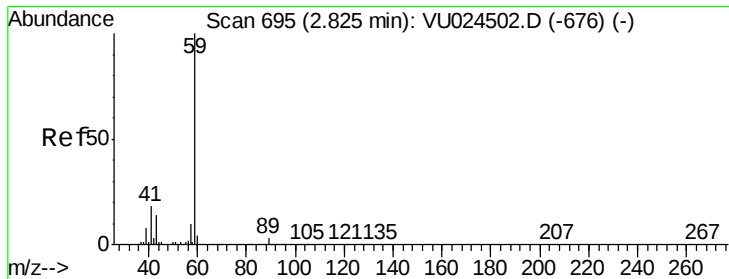
Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Tgt Ion:	142	Resp:	105145
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.6	53.4
141	14.0	11.7	17.5





#11

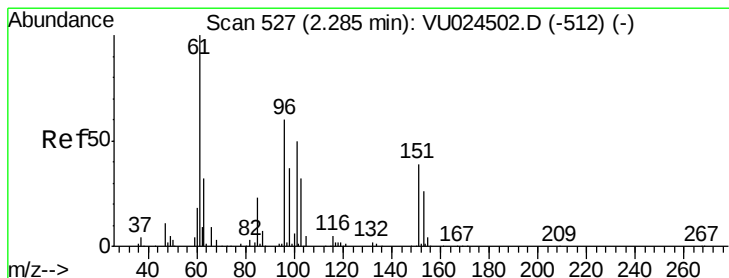
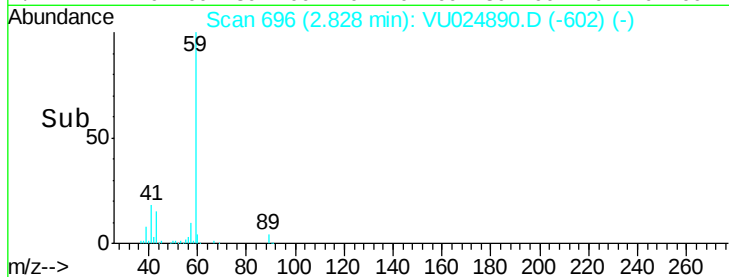
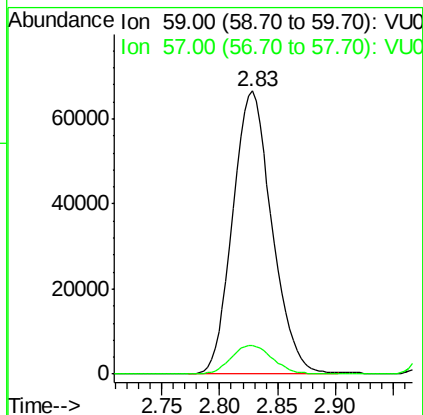
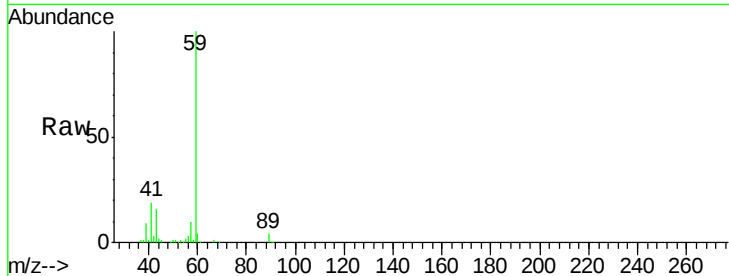
Tert butyl alcohol
Concen: 217.28 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

Manual Integrations
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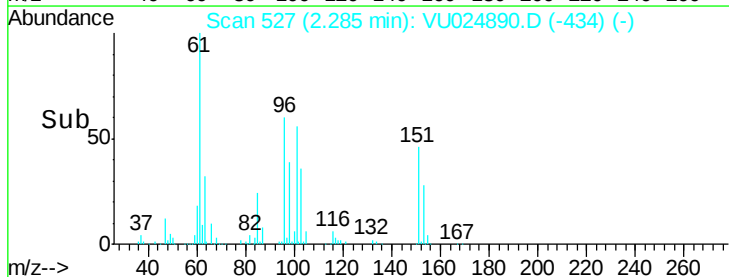
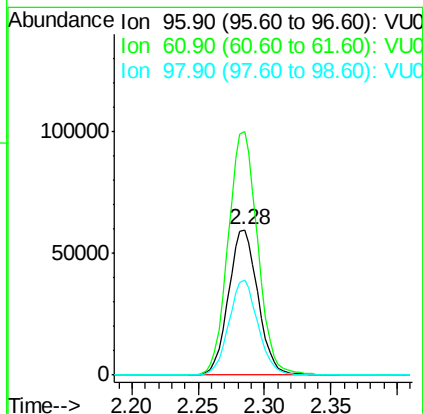
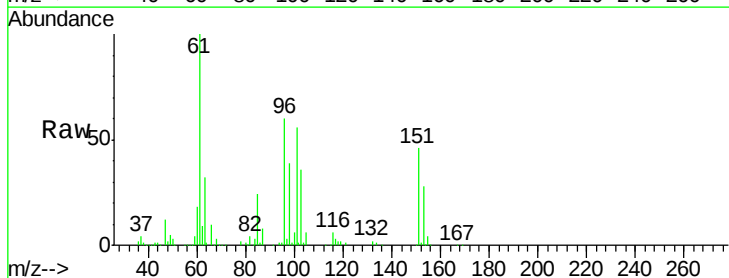
apatel
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#12

1,1-Dichloroethene
Concen: 44.85 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.5	141.7	212.5
98	65.5	51.6	77.4





#13

Acrolein

Concen: 135.85 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 51282

Ion Ratio Lower Upper

56 100

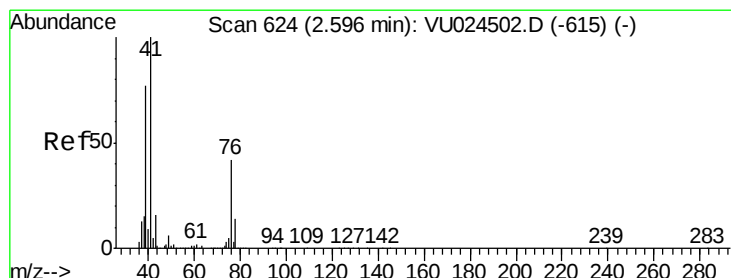
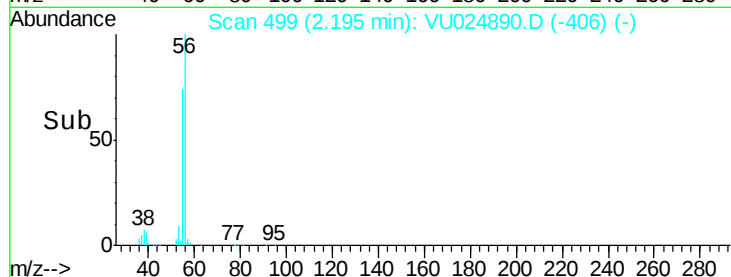
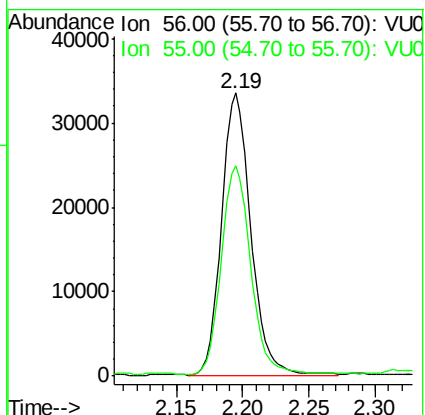
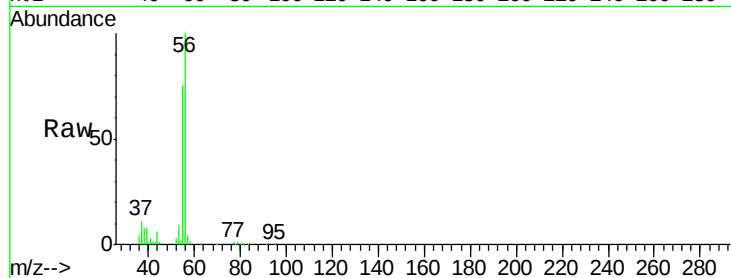
55 73.4 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 42.65 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

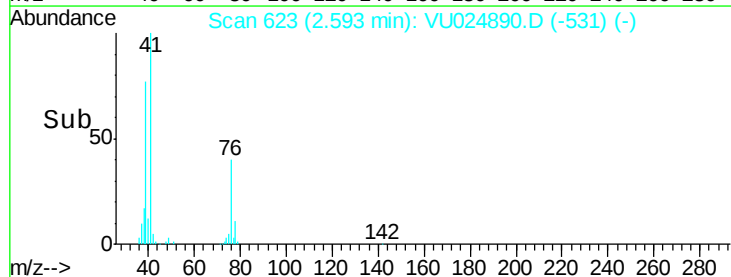
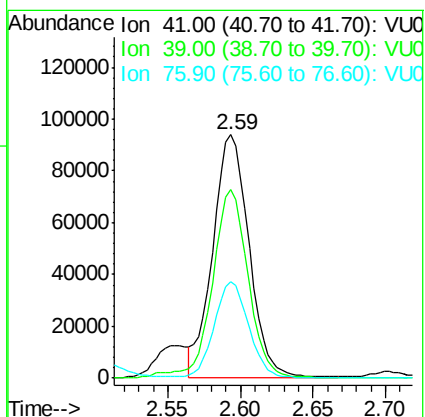
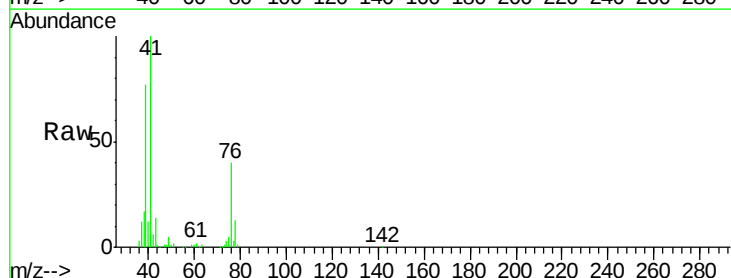
Tgt Ion: 41 Resp: 163243

Ion Ratio Lower Upper

41 100

39 76.2 61.6 92.4

76 37.3 29.7 44.5





#15

Acrylonitrile

Concen: 232.76 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

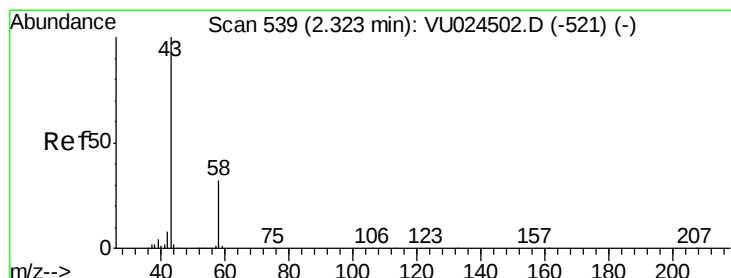
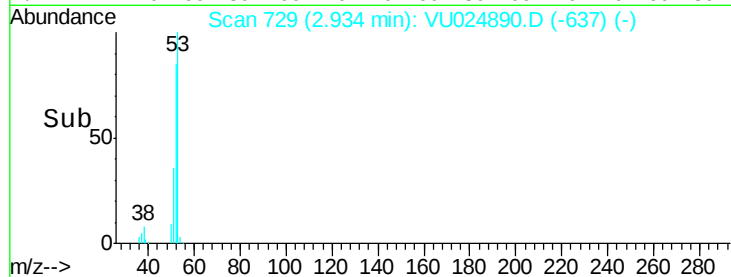
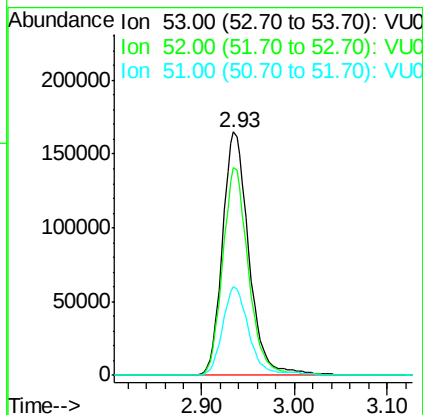
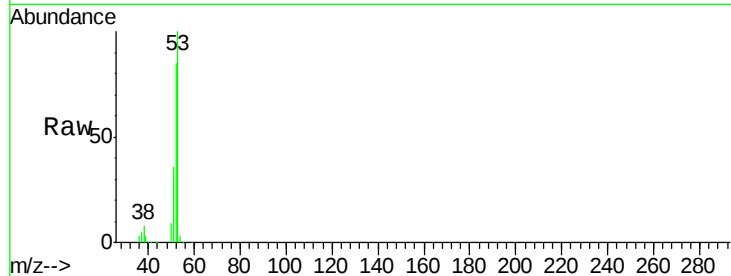
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	325537
Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.1	100.7
51	35.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 199.46 ug/l

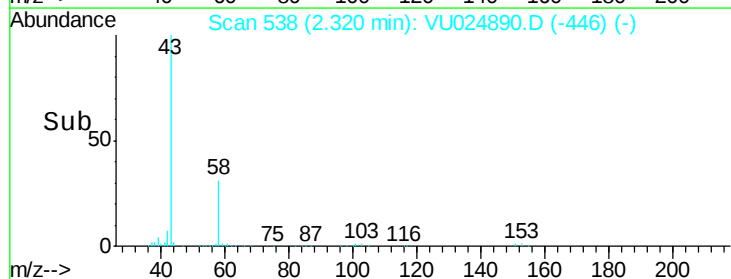
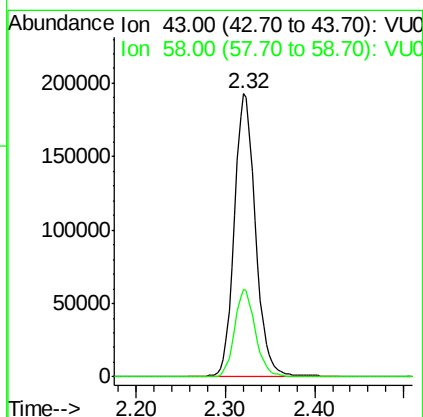
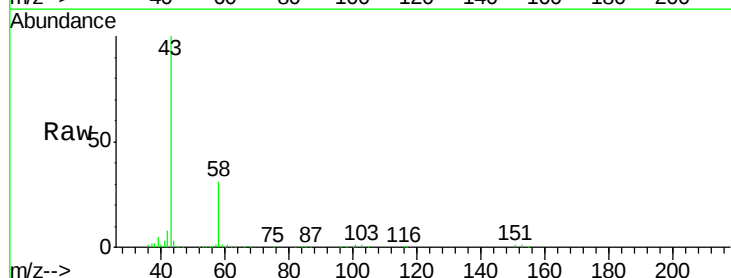
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Tgt Ion:	43	Resp:	316765
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.4	36.6





#17

Carbon Disulfide

Concen: 37.60 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 248194

Ion Ratio Lower Upper

76 100

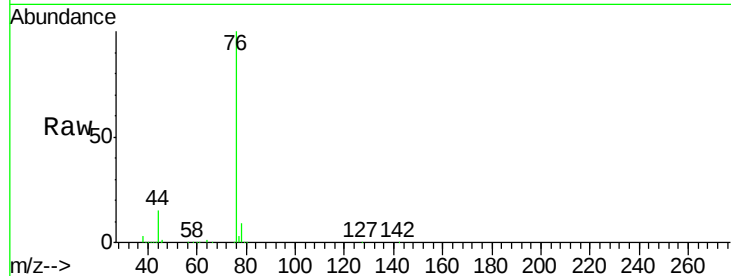
78 9.3 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VU024502.D (-574) (-)

Ion 77.90 (77.60 to 78.60): VU024502.D (-574) (-)

2.48

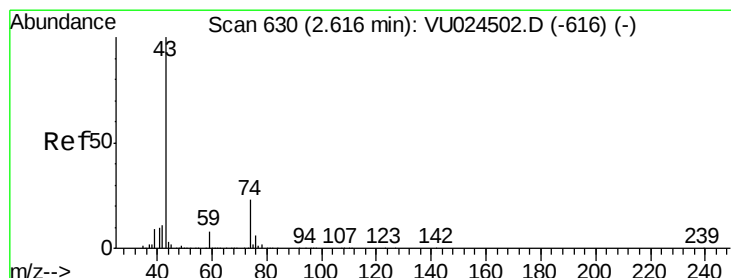
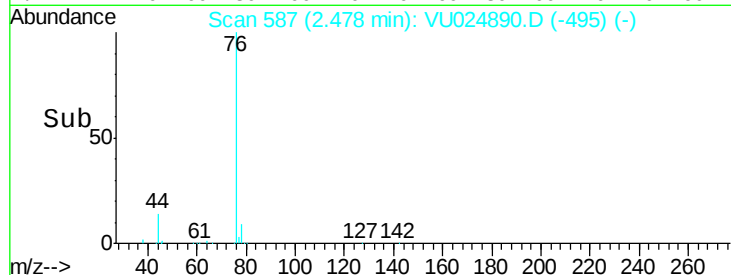
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.17 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024890.D

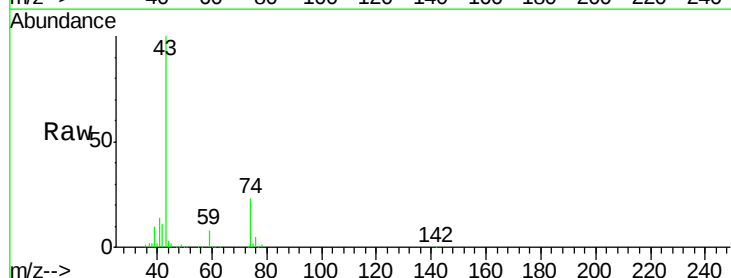
Acq: 25 Jun 2018 21:23

Tgt Ion: 43 Resp: 177626

Ion Ratio Lower Upper

43 100

74 22.9 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU024890.D (-537) (-)

Ion 74.00 (73.70 to 74.70): VU024890.D (-537) (-)

2.62

120000

100000

80000

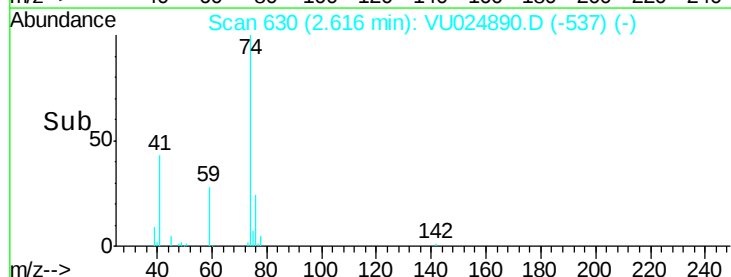
60000

40000

20000

0

Time-->





#19

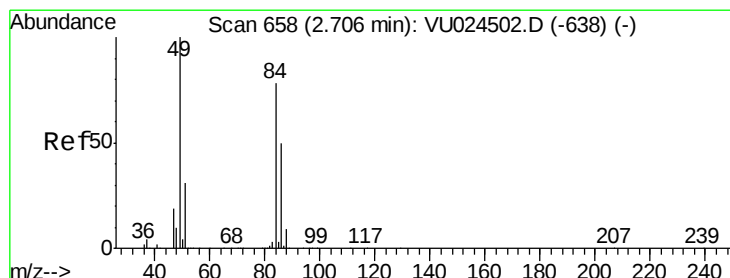
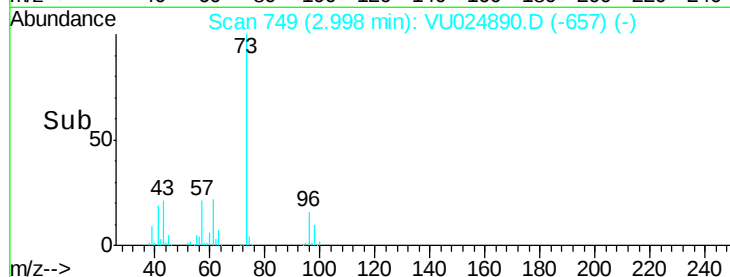
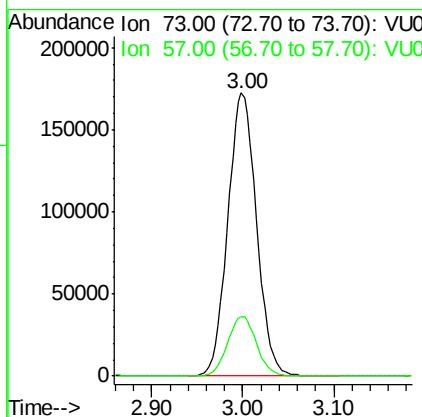
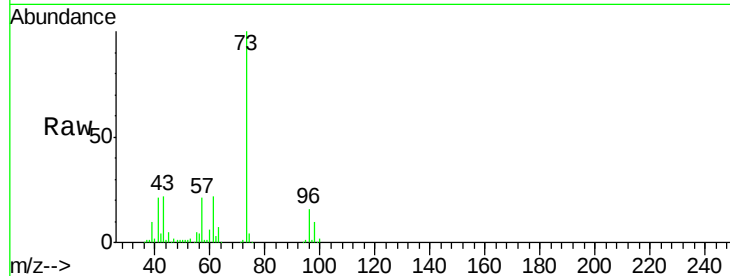
Methvl tert-butvl Ether
 Concen: 48.58 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.8	28.2

Manual Integrations
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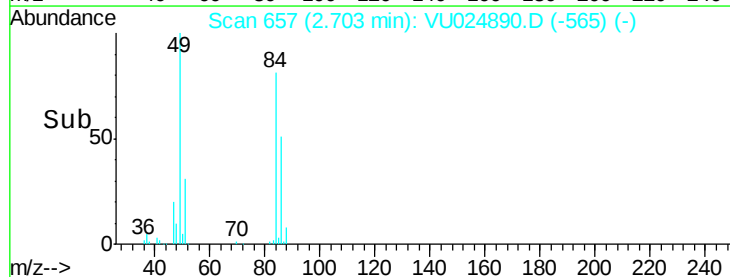
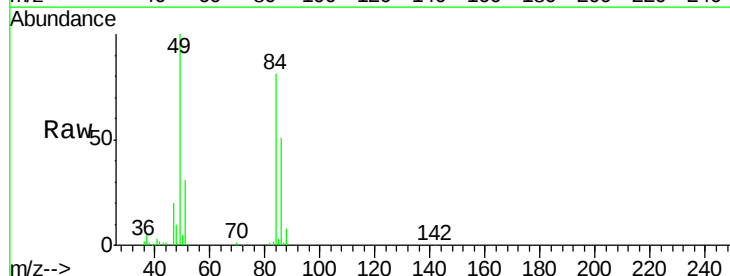
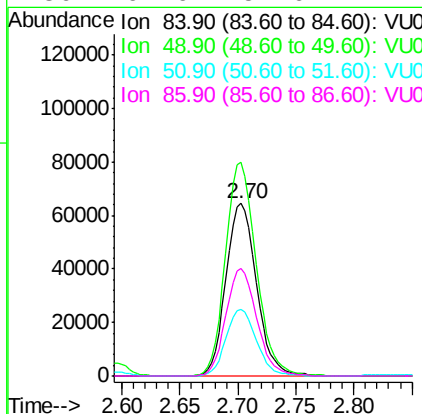
apatel
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#20

Methylene Chloride
 Concen: 47.26 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.9	103.8	155.8
51	38.8	32.0	48.0
86	62.6	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 44.84 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

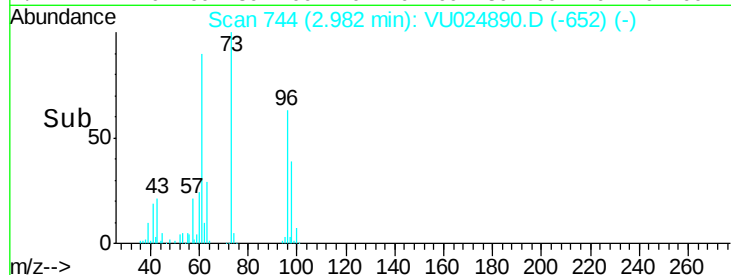
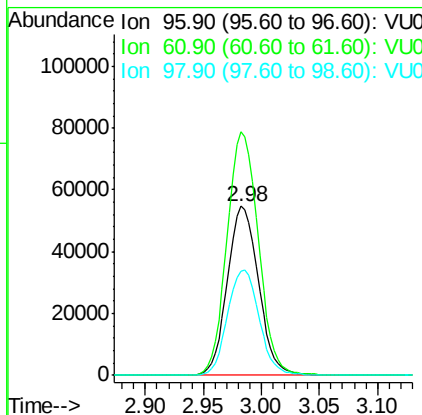
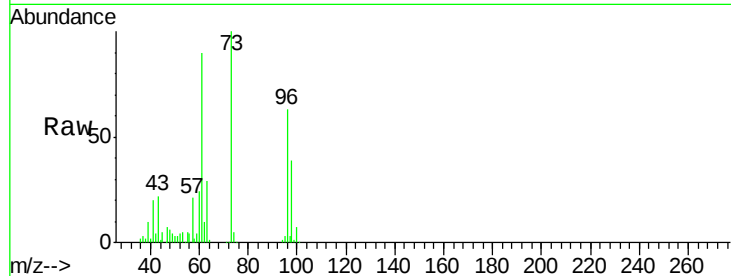
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	101805
Ion Ratio	Lower	Upper	
96	100		
61	144.2	119.4	179.0
98	61.8	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.14 ug/l

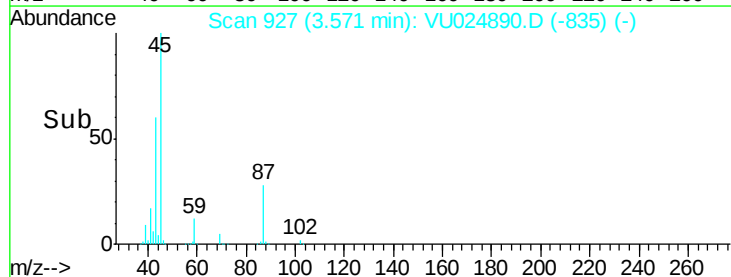
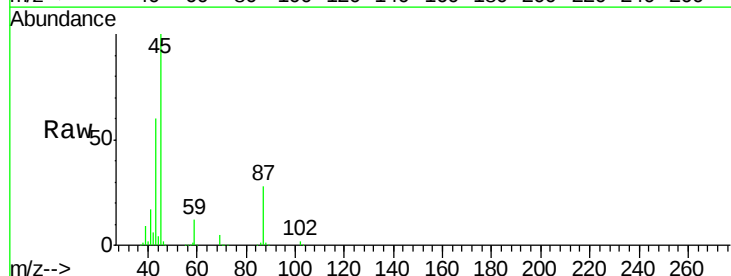
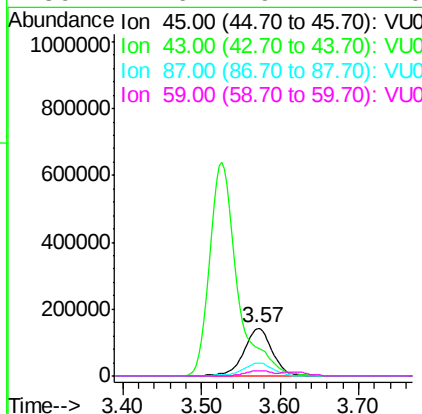
RT: 3.57 min Scan# 927

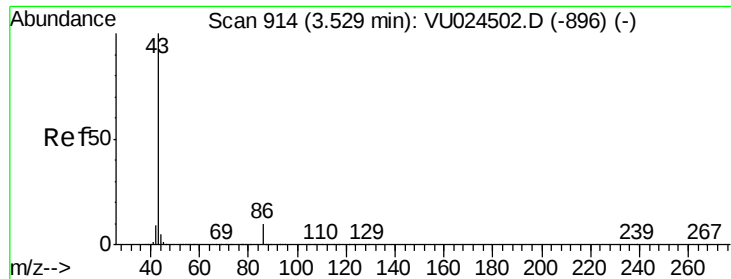
Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Tgt Ion:	45	Resp:	365305
Ion Ratio	Lower	Upper	
45	100		
43	59.5	45.8	68.6
87	28.0	20.6	31.0
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 228.58 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1553659

Ion Ratio Lower Upper

43 100

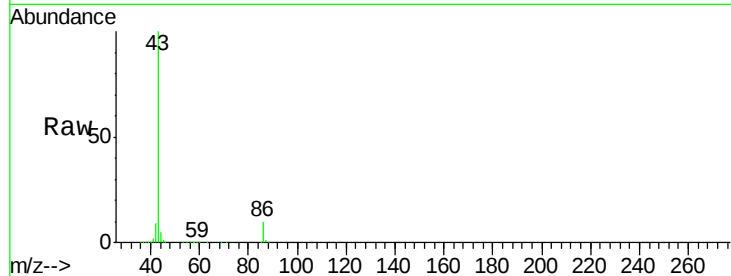
86 10.3 7.8 11.8

Manual Integrations

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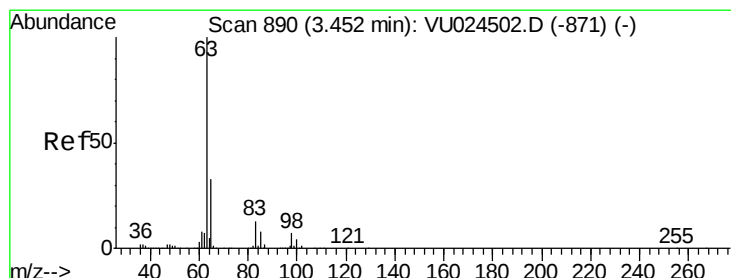
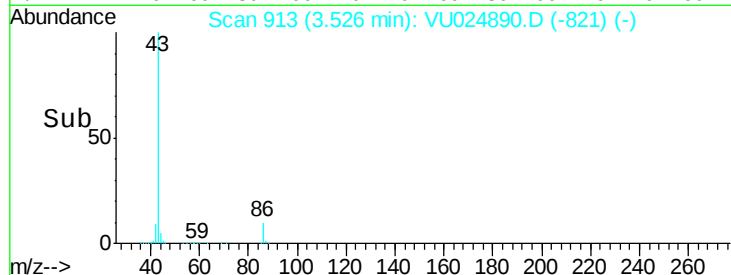
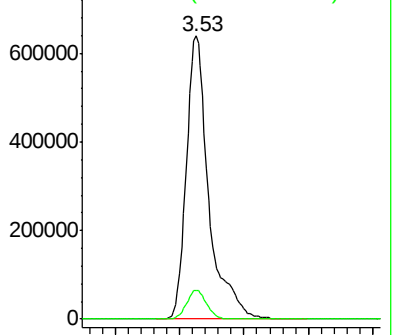
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 47.43 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

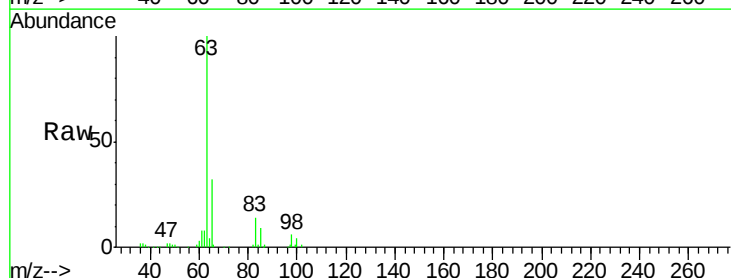
Tgt Ion: 63 Resp: 207016

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

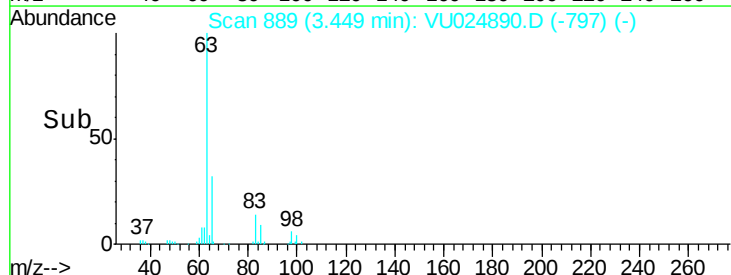
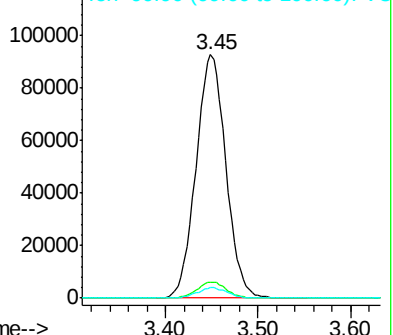
100 4.3 1.8 5.5



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





#25

2-Butanone

Concen: 224.75 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 479433

Ion Ratio Lower Upper

43 100

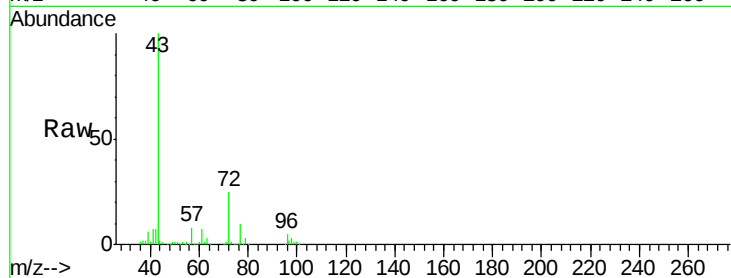
72 25.4 19.6 29.4

Manual Integrations

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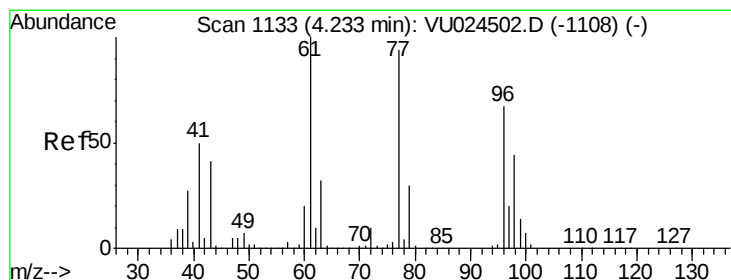
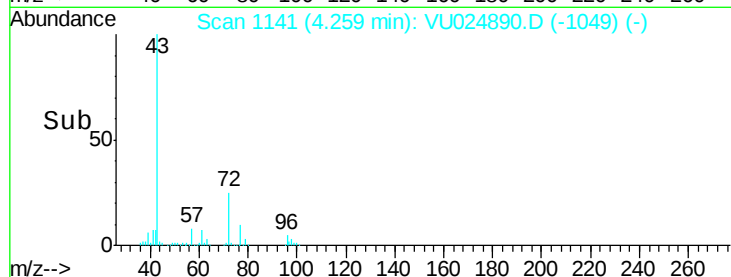
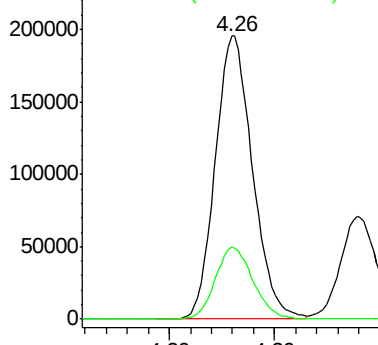
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 42.01 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024890.D

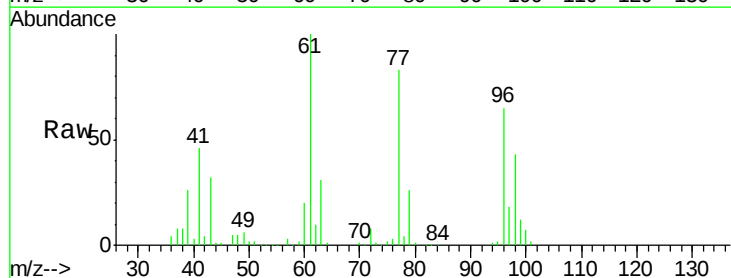
Acq: 25 Jun 2018 21:23

Tgt Ion: 77 Resp: 174125

Ion Ratio Lower Upper

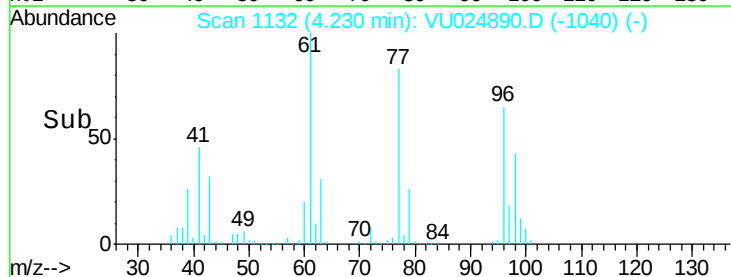
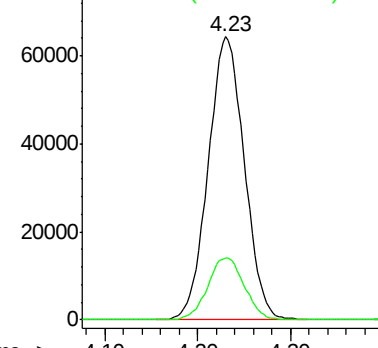
77 100

97 22.1 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





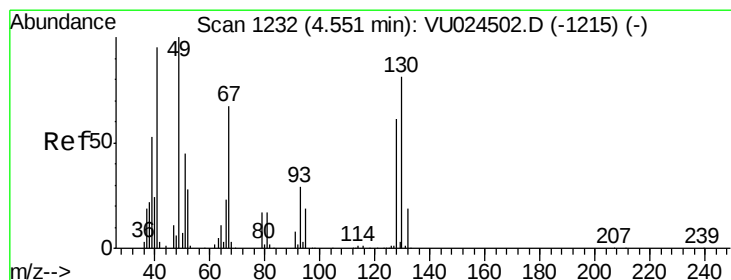
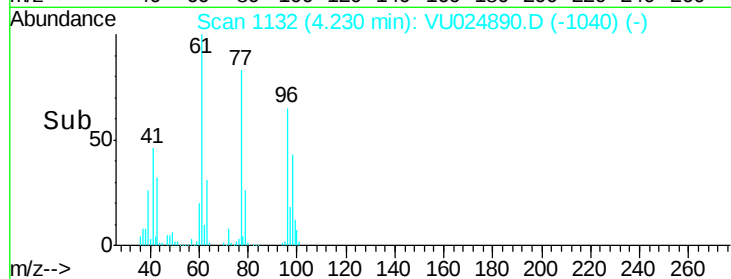
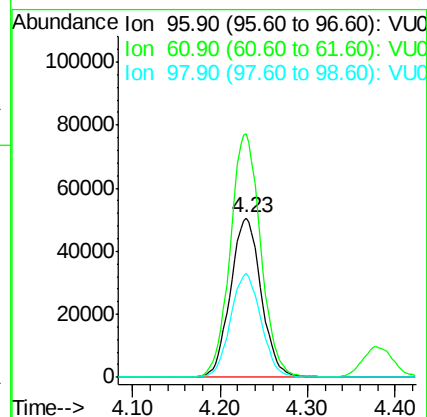
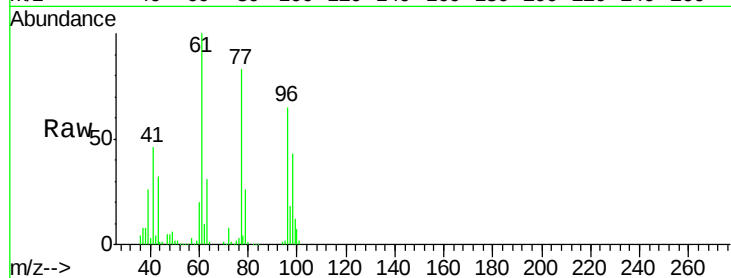
#27
 cis-1,2-Dichloroethene
 Concen: 47.20 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	306.6
98	64.7	0.0	128.8

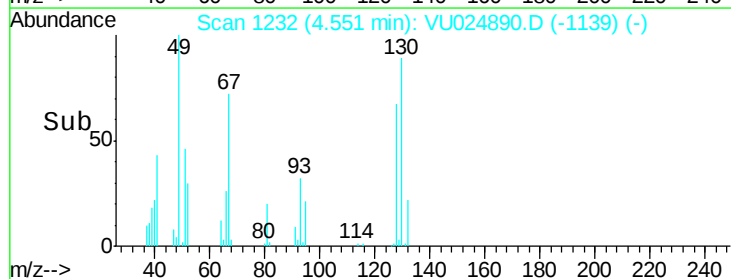
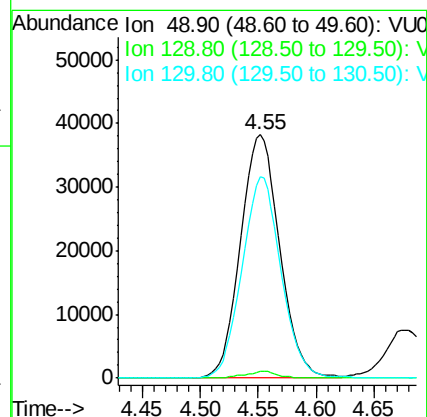
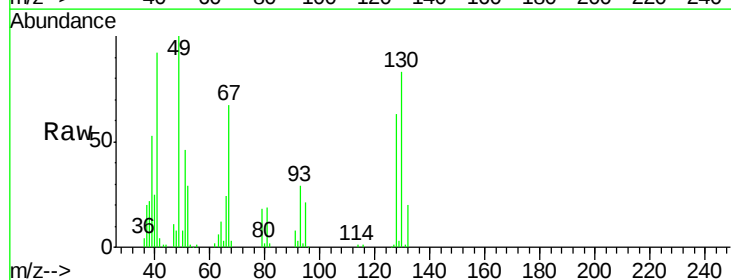
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#28
 Bromochloromethane
 Concen: 46.77 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	82.4	57.8	86.6





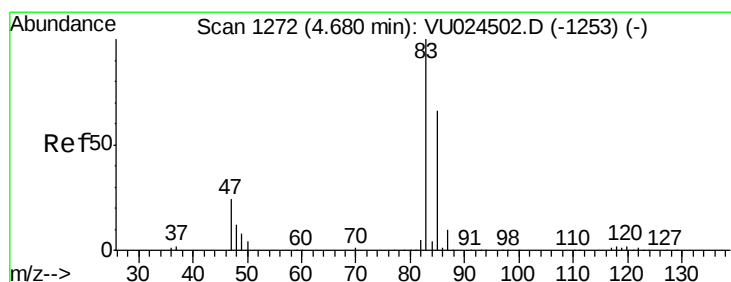
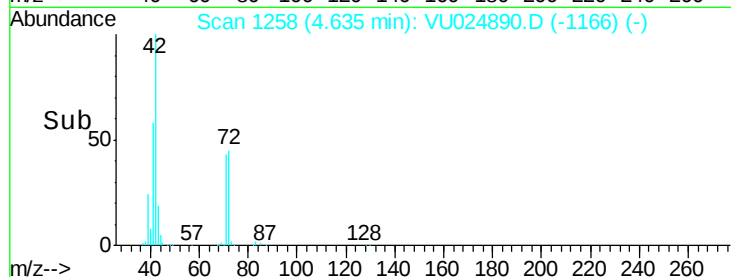
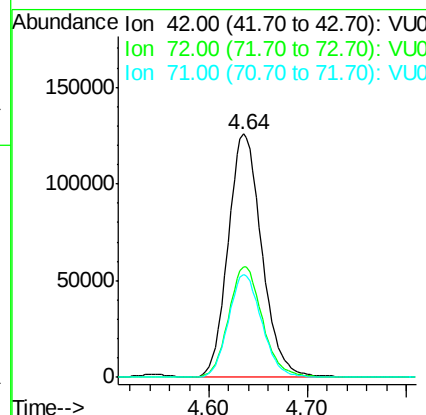
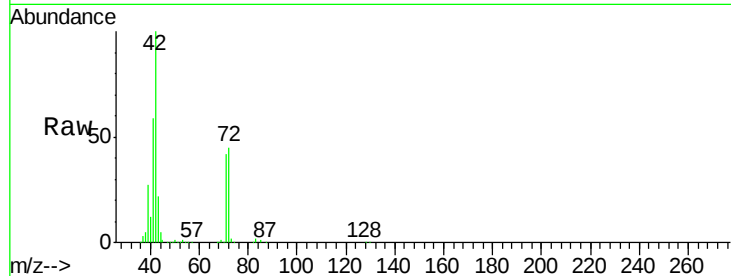
#29
Tetrahydrofuran
Concen: 226.01 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	34.5	51.7
71	42.1	32.2	48.4

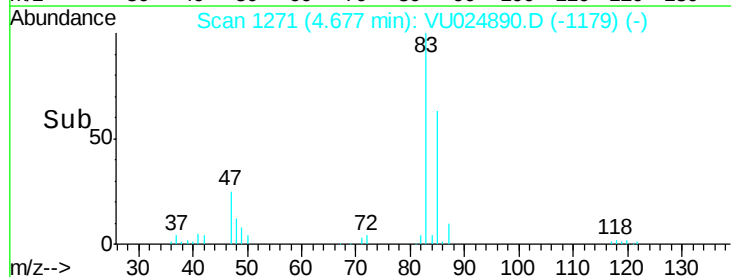
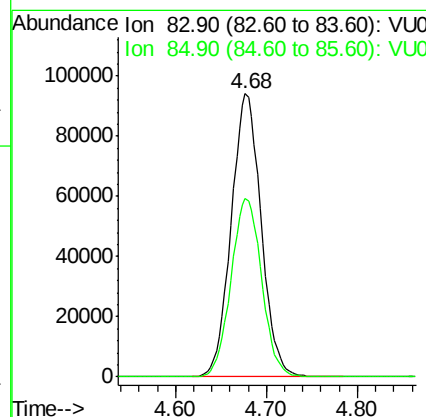
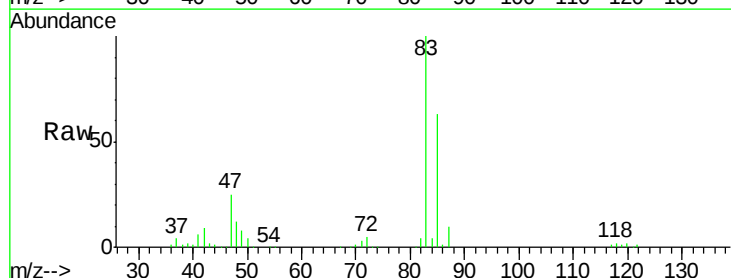
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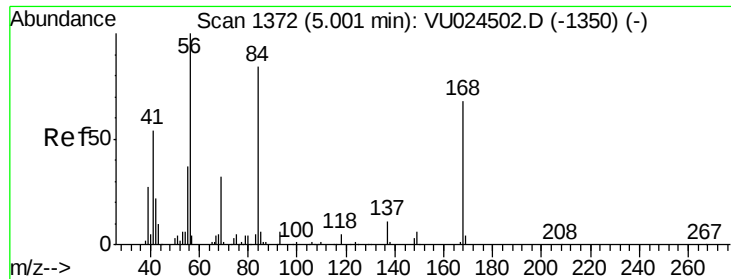
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#30
Chloroform
Concen: 48.69 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.4	78.6





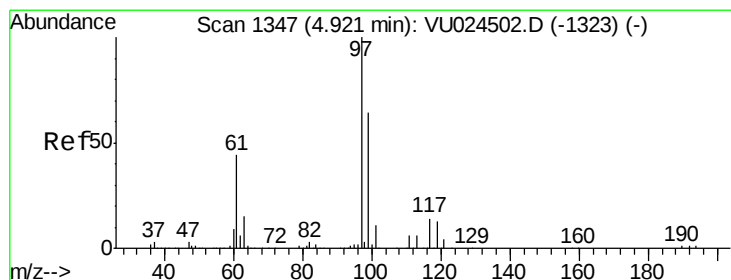
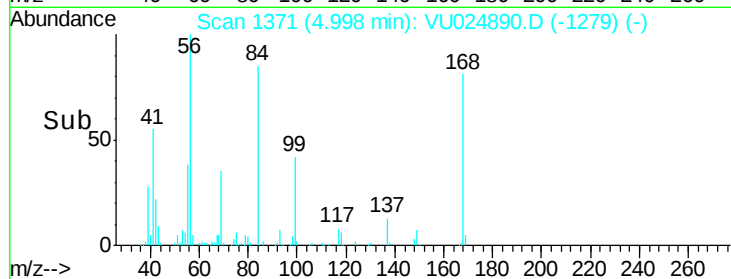
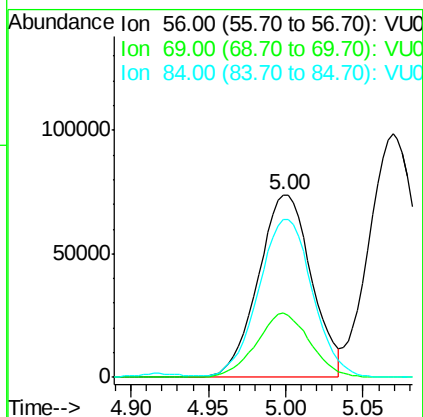
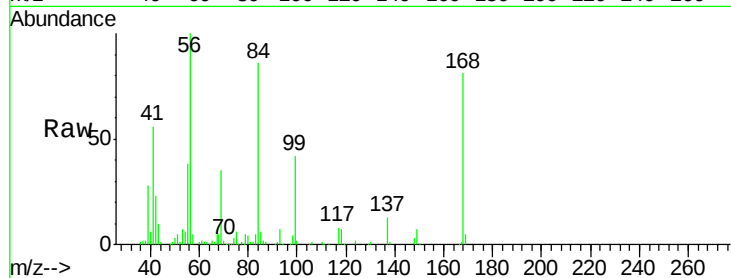
#31
Cyclohexane
Concen: 45.54 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.3	24.8	37.2
84	85.6	65.2	97.8

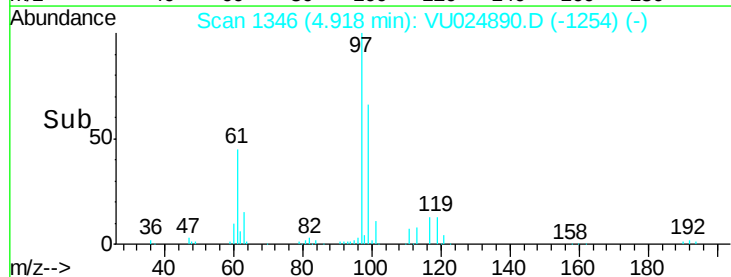
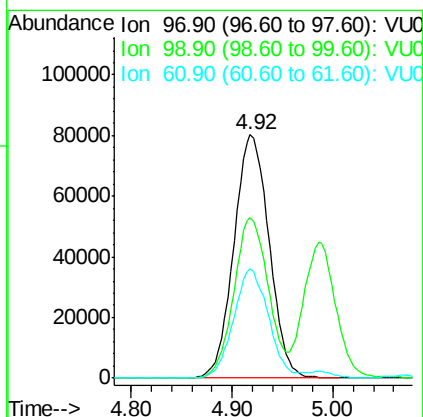
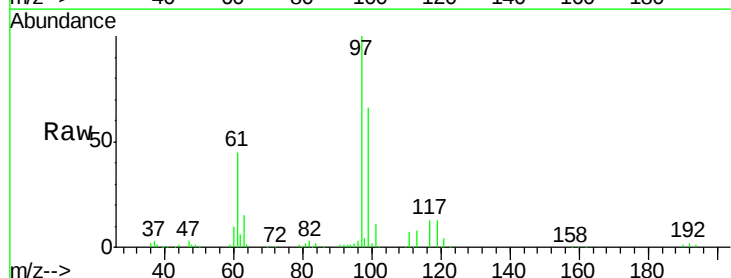
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#32
1,1,1-Trichloroethane
Concen: 47.57 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.6
61	44.3	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 46.33 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 136940

Ion Ratio Lower Upper

65 100

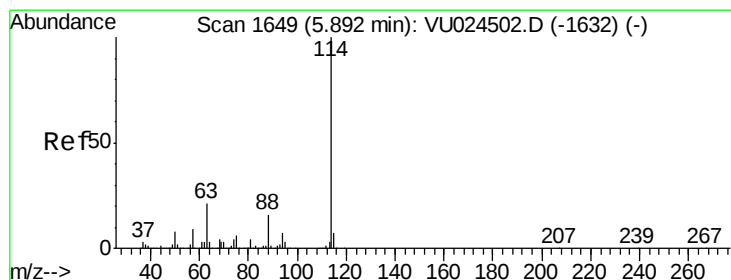
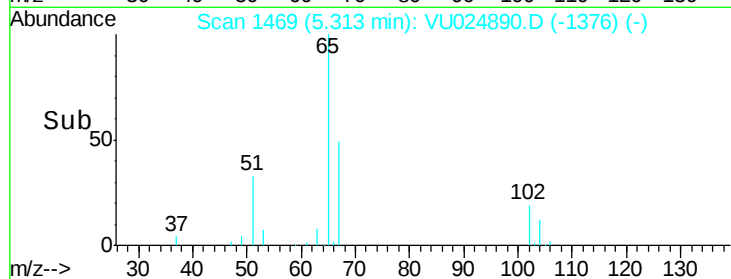
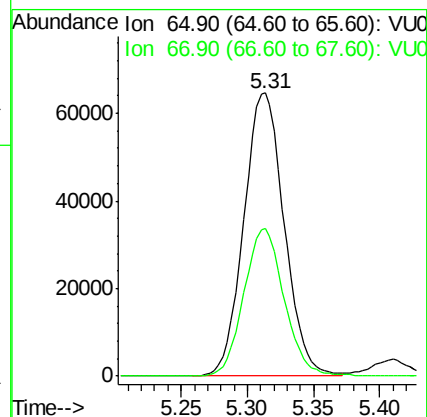
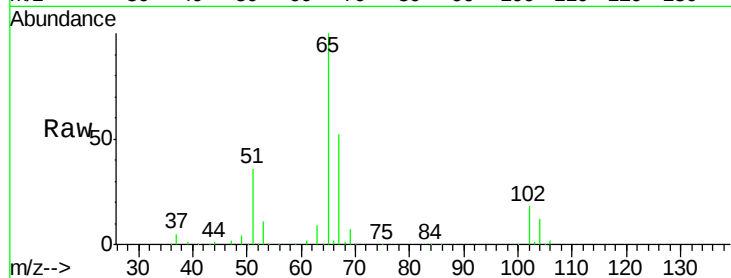
67 52.1 0.0 107.0

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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: VU024890.D

Acq: 25 Jun 2018 21:23

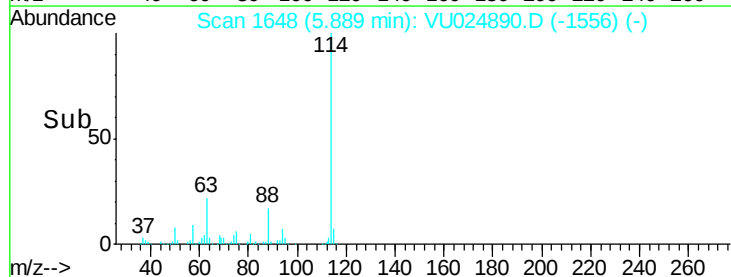
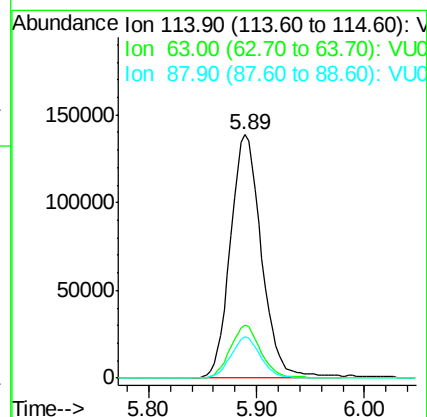
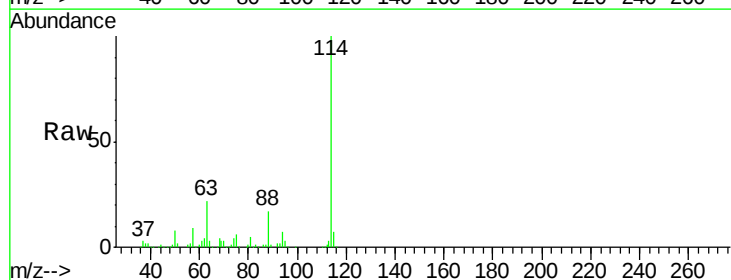
Tgt Ion: 114 Resp: 279680

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.4

88 16.8 0.0 31.0





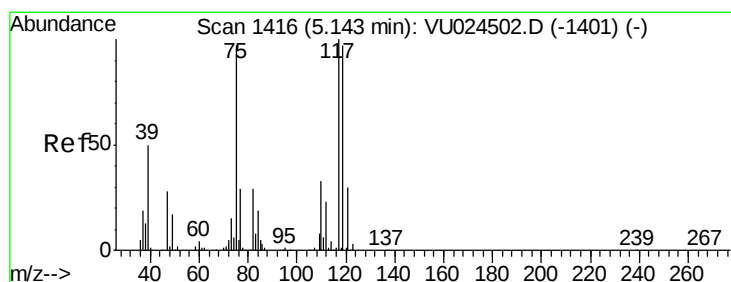
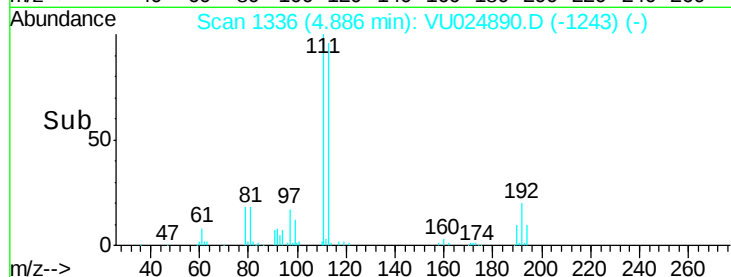
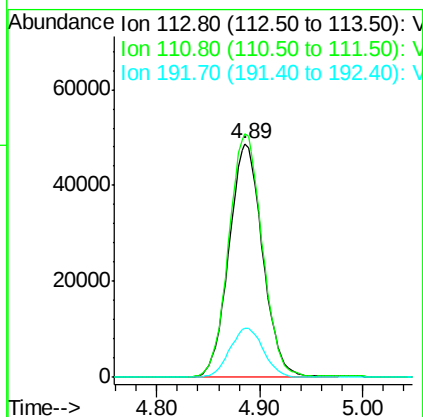
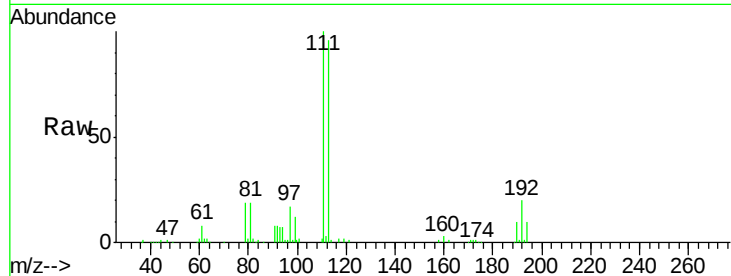
#35
 Dibromofluoromethane
 Concen: 47.60 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.4
192	21.1	16.2	24.4

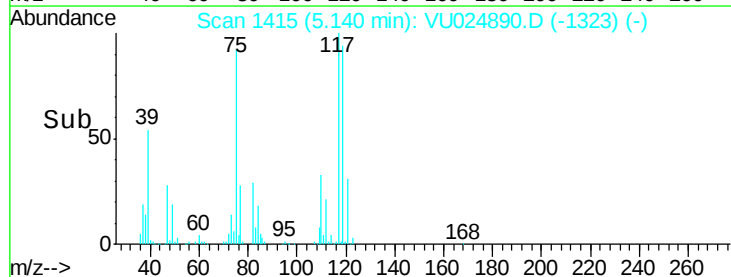
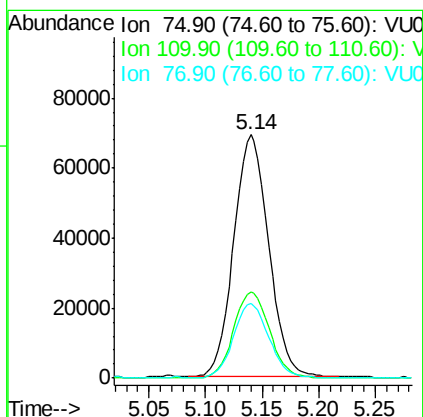
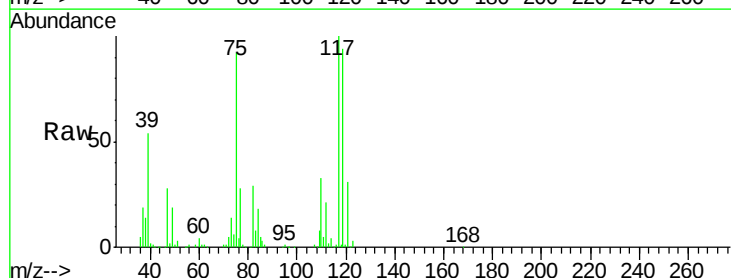
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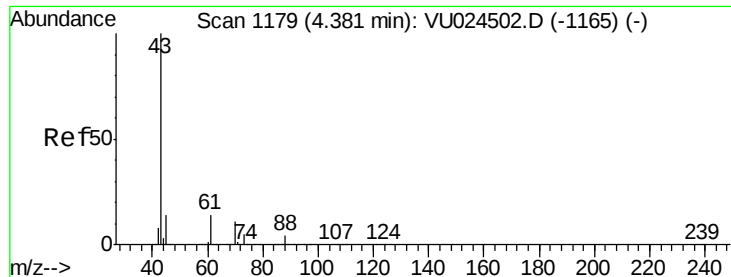
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#36
 1,1-Dichloropropene
 Concen: 45.21 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.0	50.9
77	30.8	24.2	36.4





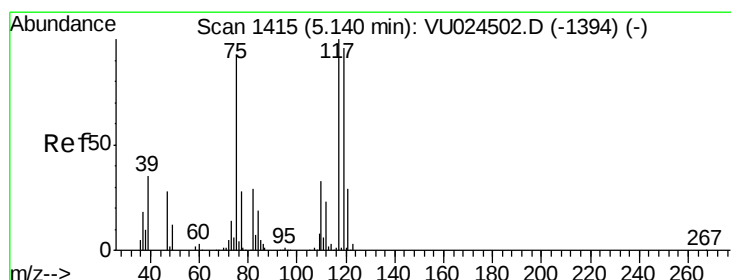
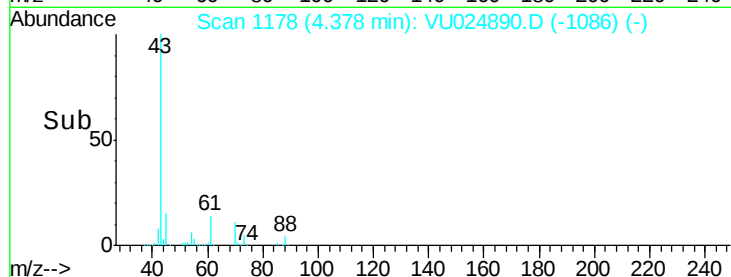
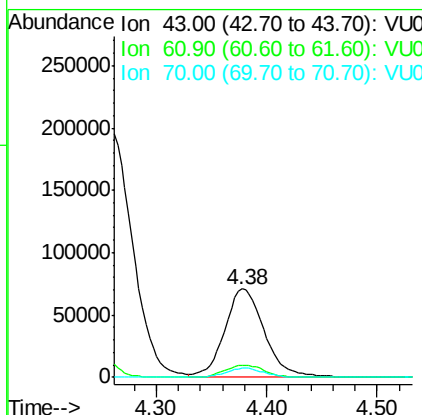
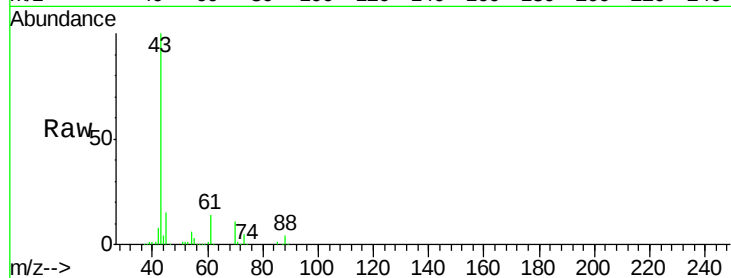
#37
Ethyl Acetate
Concen: 48.38 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.5	15.7
70	10.4	7.4	11.2

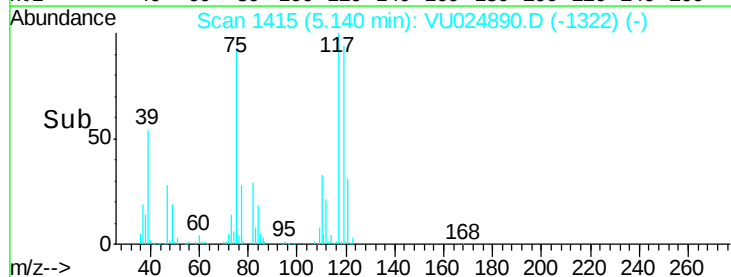
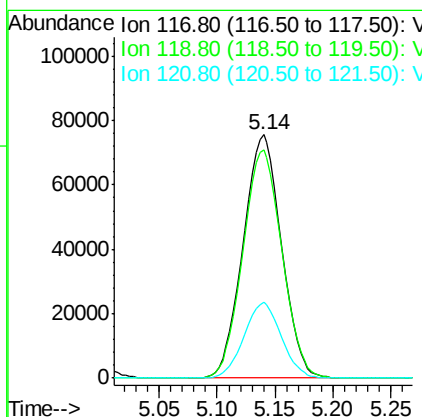
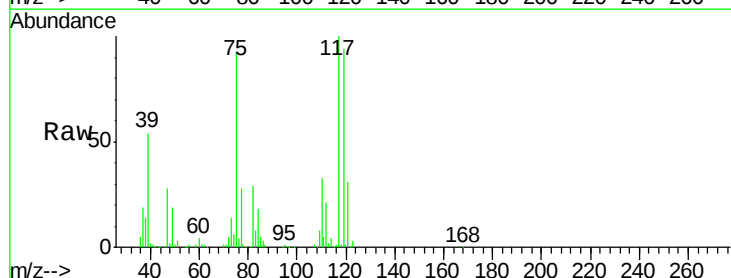
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#38
Carbon Tetrachloride
Concen: 47.99 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.1	114.1
121	31.0	23.7	35.5





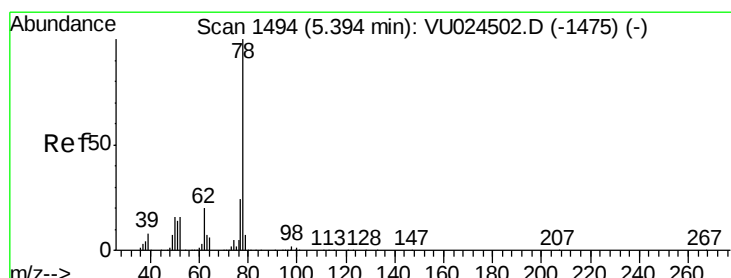
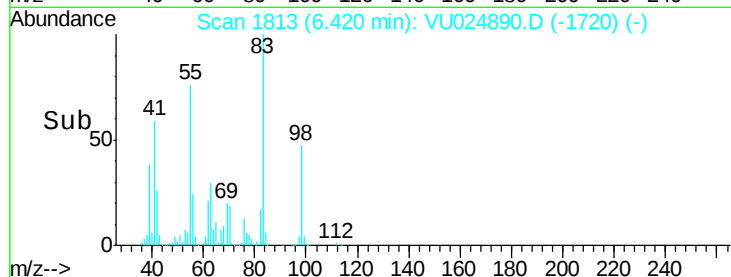
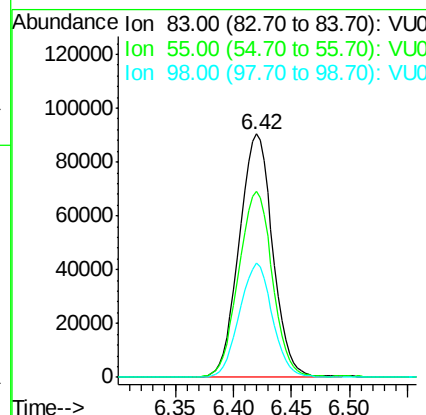
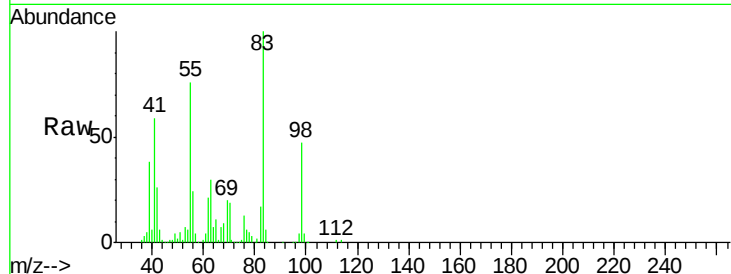
#39
Methvlcvclohexane
Concen: 44.50 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	65.8	98.6
98	46.8	36.7	55.1

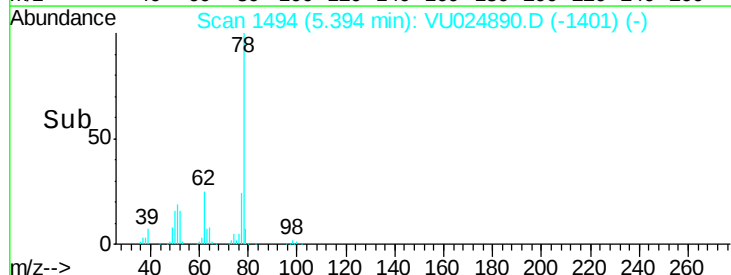
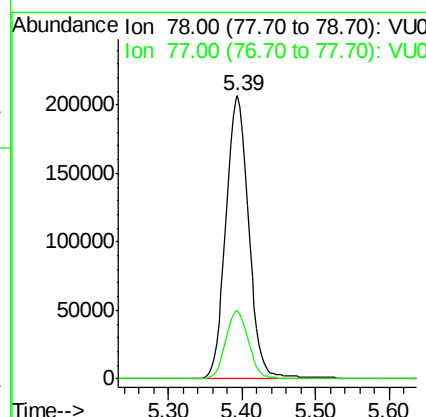
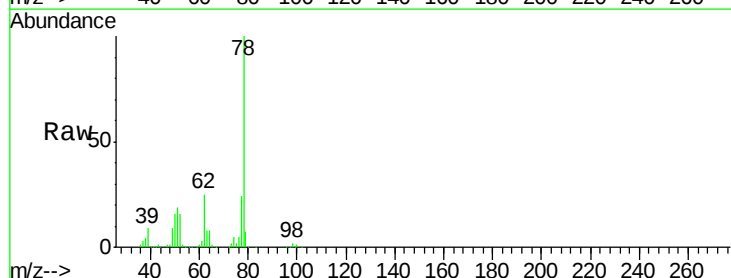
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#40
Benzene
Concen: 47.93 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





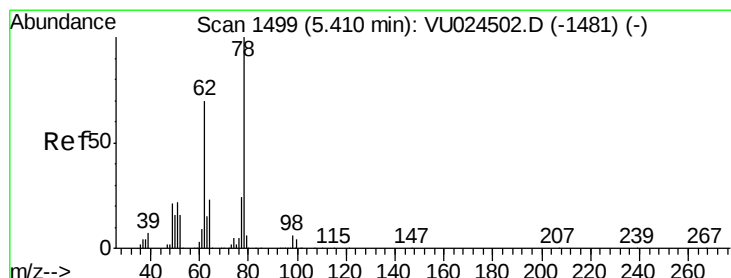
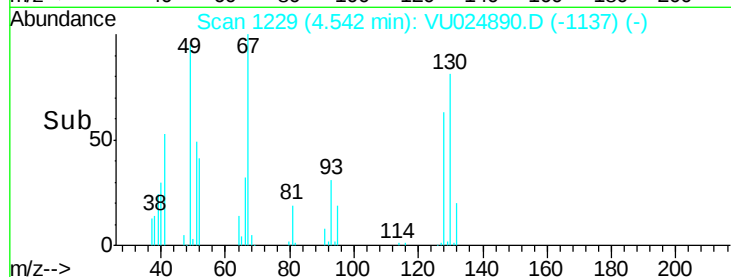
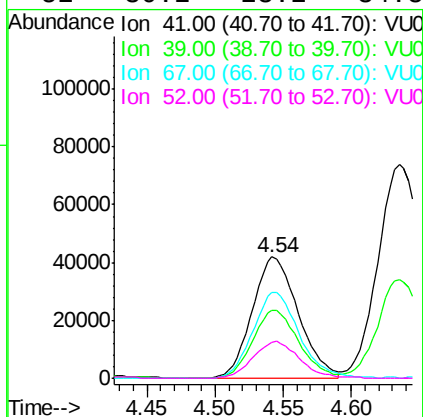
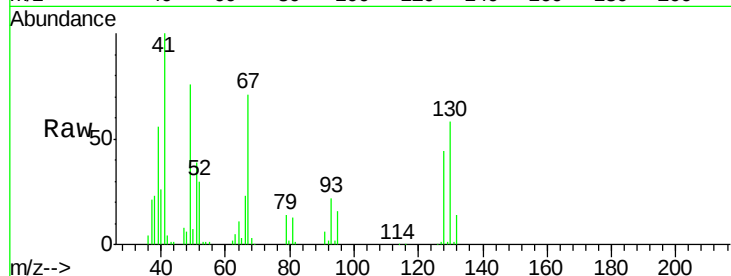
#41
Methacrylonitrile
Concen: 50.50 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.8	65.6
67	71.7	56.3	84.5
52	30.2	23.2	34.8

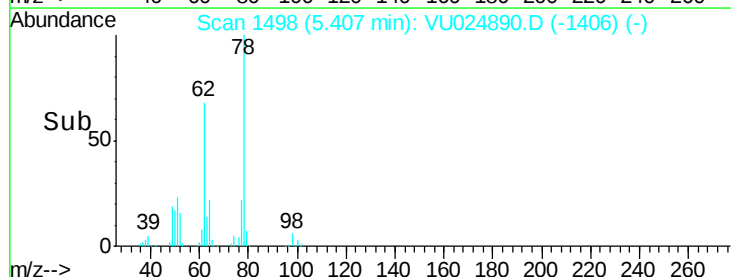
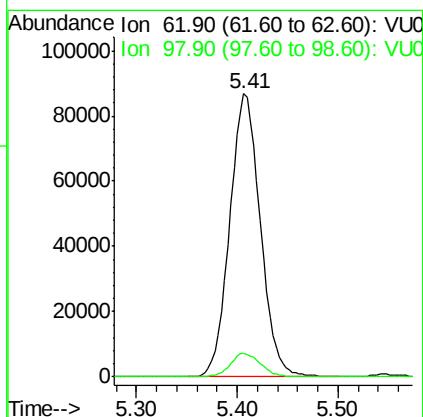
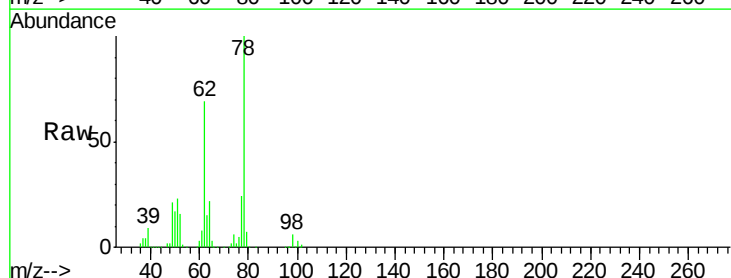
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#42
1,2-Dichloroethane
Concen: 51.42 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 46.10 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

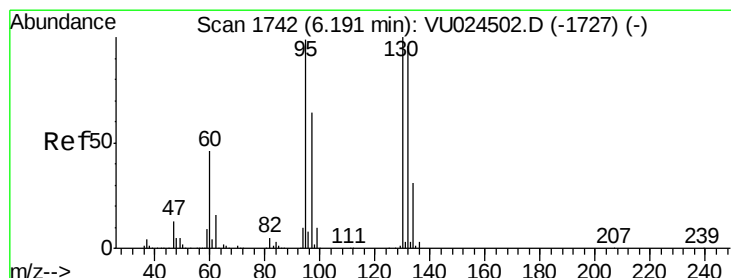
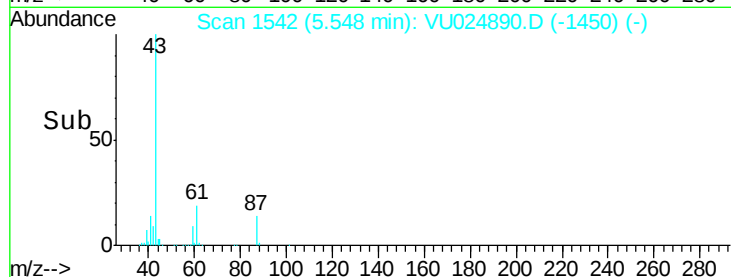
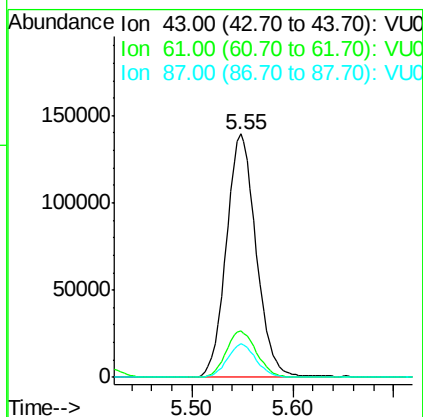
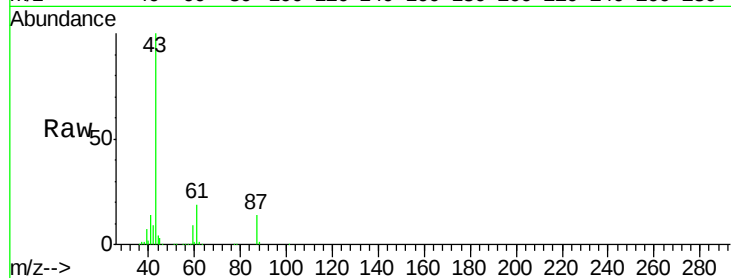
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	285415
Ion Ratio		Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.4	10.0	15.0

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#44

Trichloroethene

Concen: 46.91 ug/l

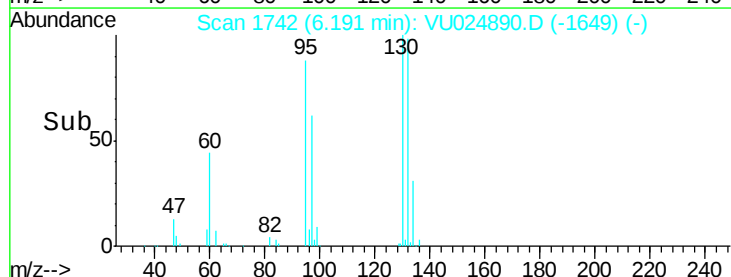
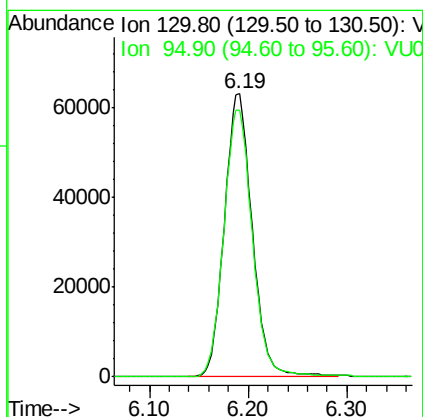
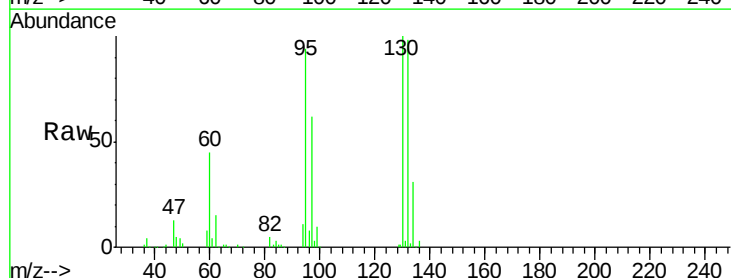
RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Tgt Ion:	130	Resp:	125016
Ion Ratio		Lower	Upper
130	100		
95	94.0	0.0	202.4





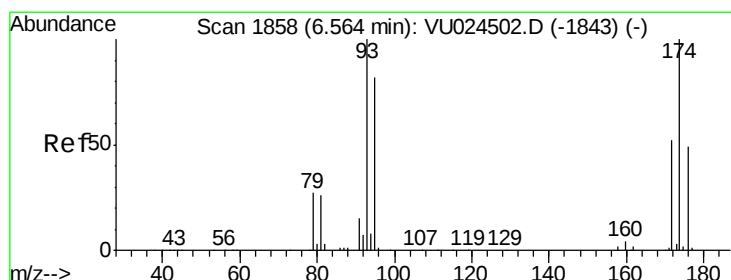
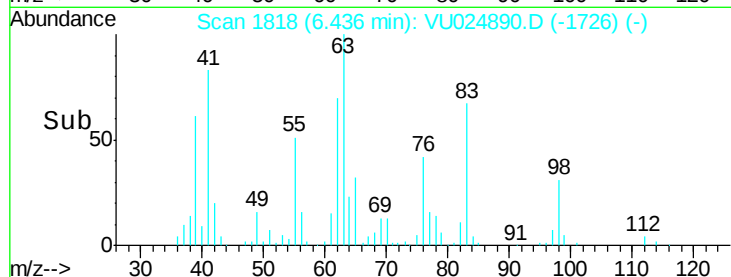
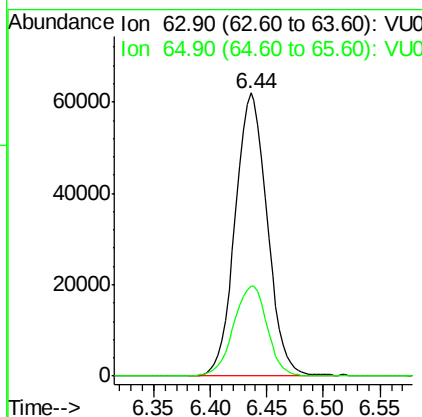
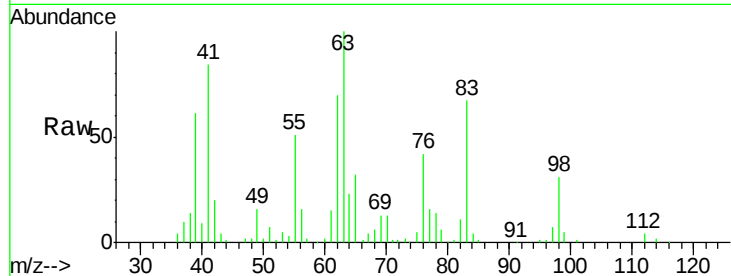
#45
 1,2-Dichloropropane
 Concen: 49.15 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 122800
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.8 37.2

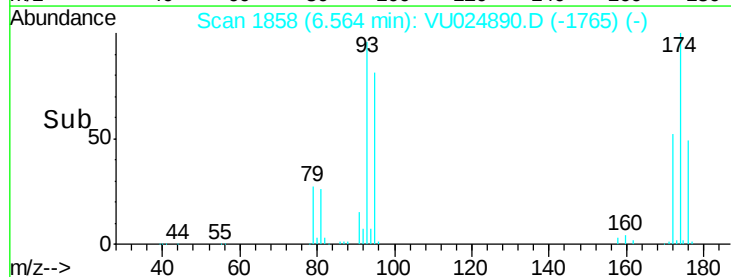
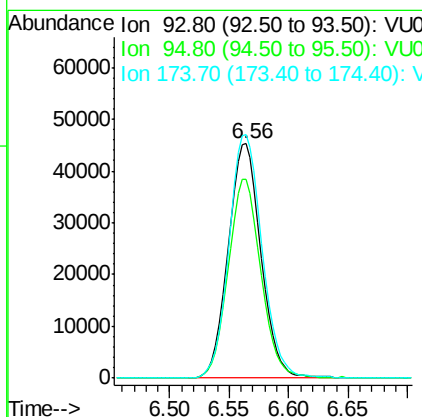
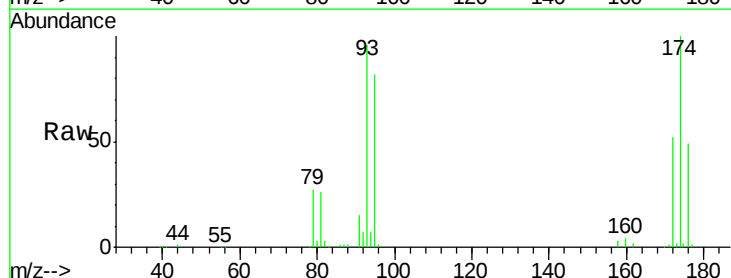
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#46
 Dibromomethane
 Concen: 49.24 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Tgt Ion: 93 Resp: 86425
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.5 98.3
 174 105.2 78.7 118.1





#47

Bromodichloromethane

Concen: 48.22 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

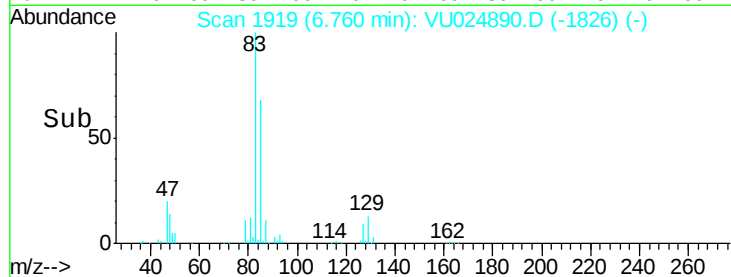
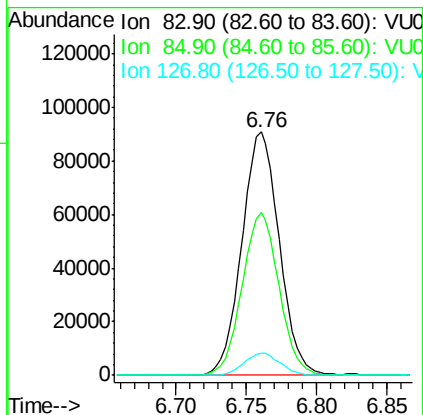
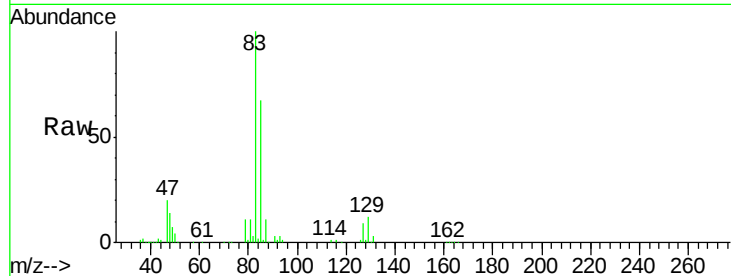
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	168514
Ion Ratio	Lower	Upper	
83	100		
85	66.8	51.9	77.9
127	9.0	6.6	9.8

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#48

Methyl methacrylate

Concen: 48.61 ug/l

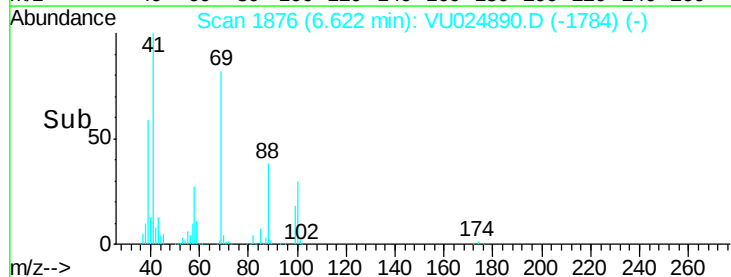
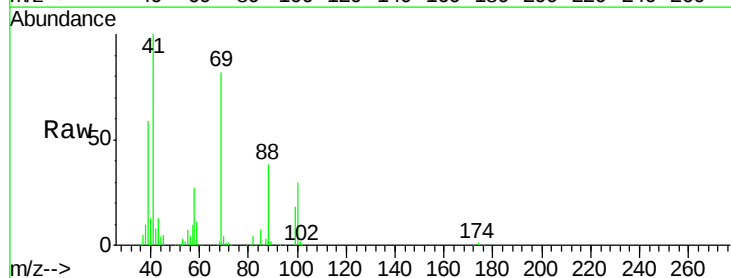
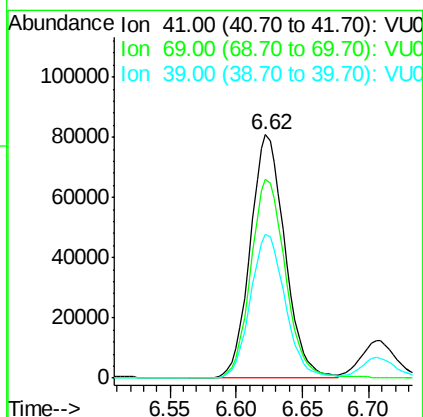
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Tgt Ion:	41	Resp:	146563
Ion Ratio	Lower	Upper	
41	100		
69	82.4	67.3	100.9
39	59.4	46.5	69.7





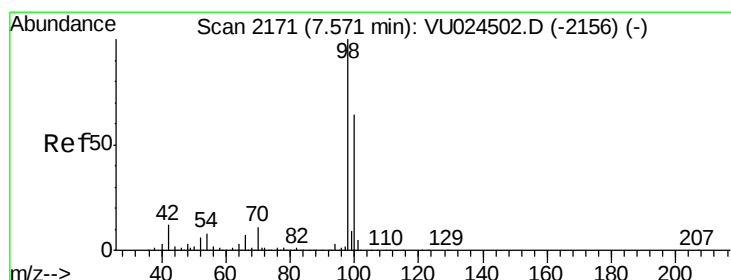
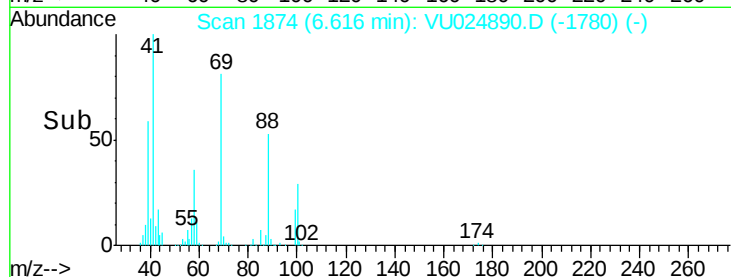
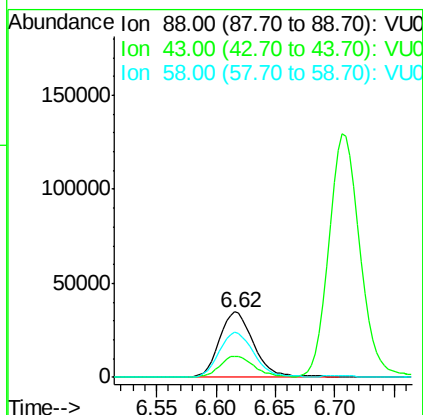
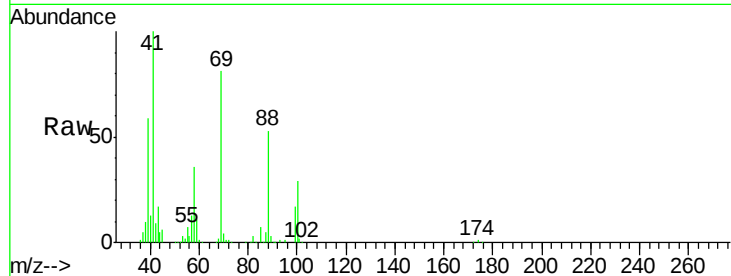
#49
1,4-Dioxane
Concen: 1166.29 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	28.6	42.8
58	70.8	58.2	87.4

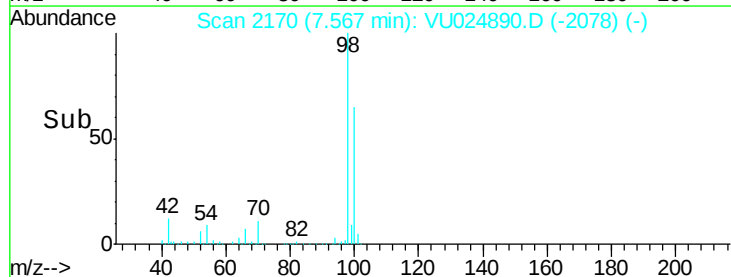
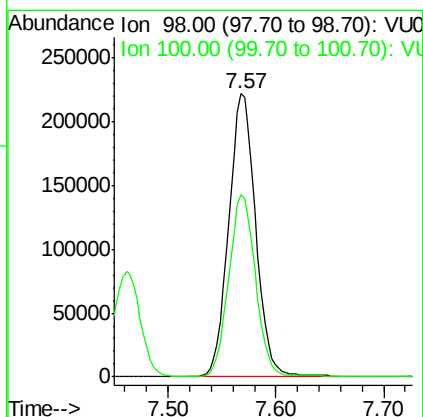
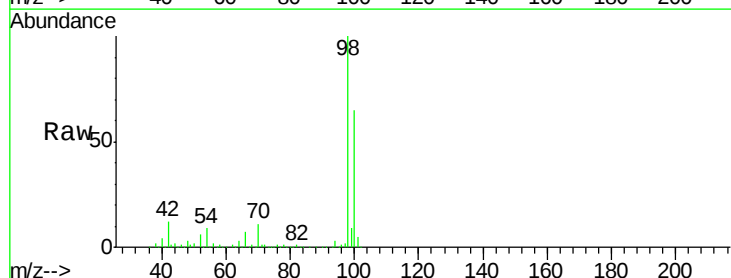
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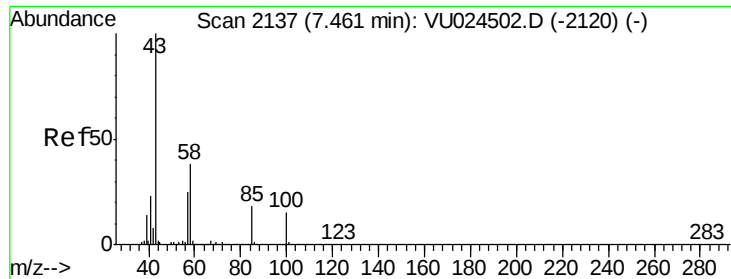
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#50
Toluene-d8
Concen: 45.71 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





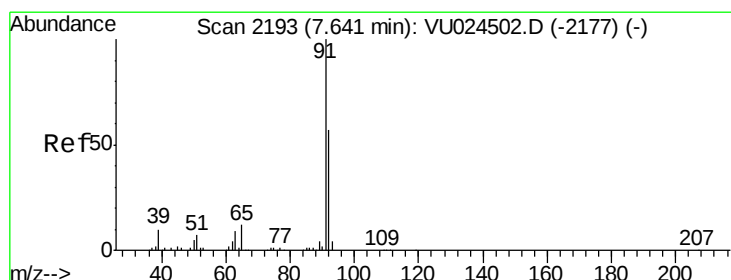
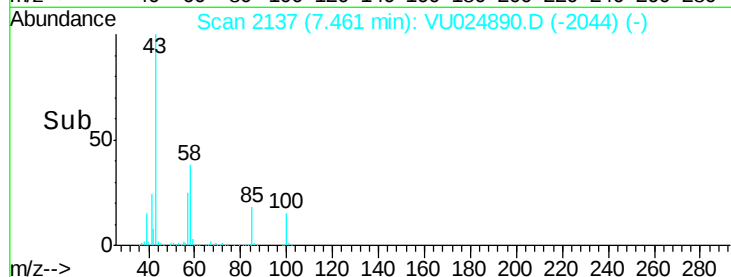
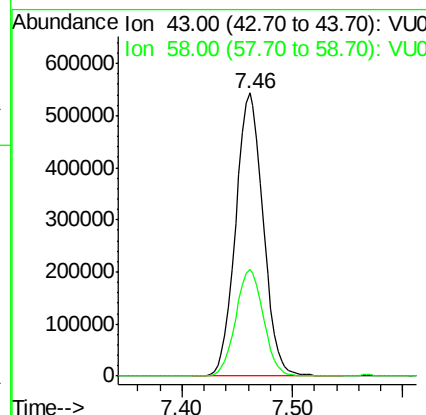
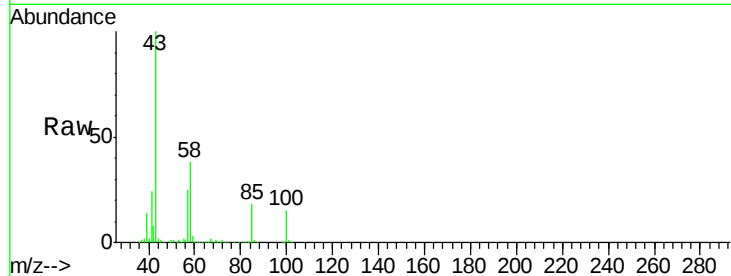
#51
4-Methyl-2-Pentanone
Concen: 241.53 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.0	45.0

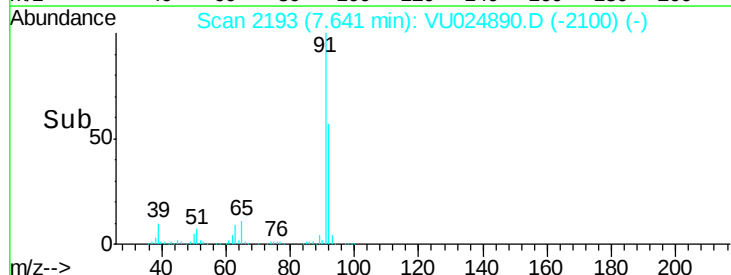
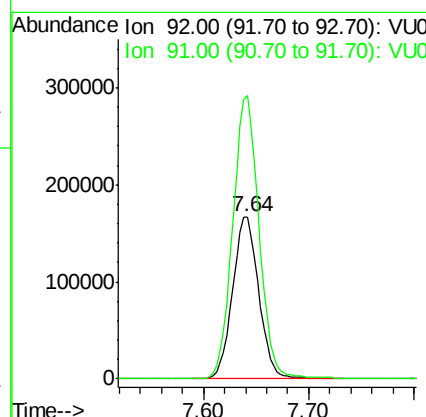
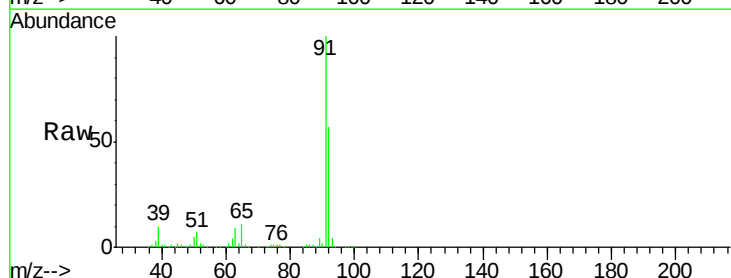
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#52
Toluene
Concen: 47.73 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.4	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 46.82 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 183745

Ion Ratio Lower Upper

75 100

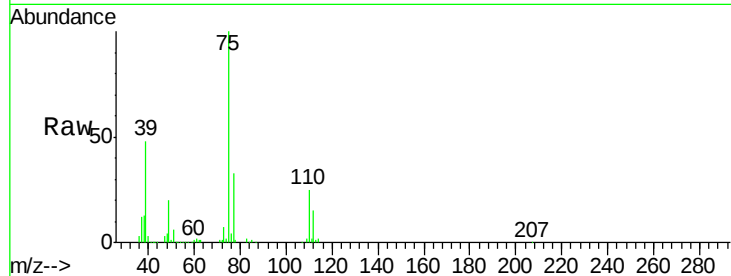
77 32.6 24.8 37.2

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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

120000

100000

80000

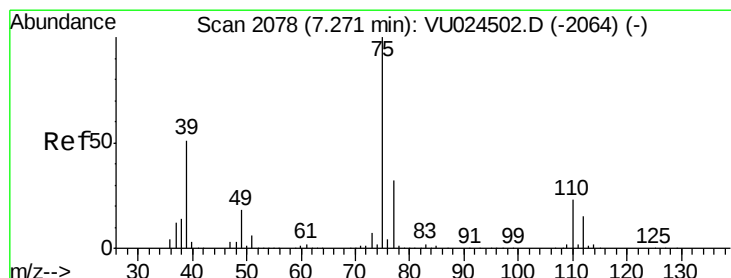
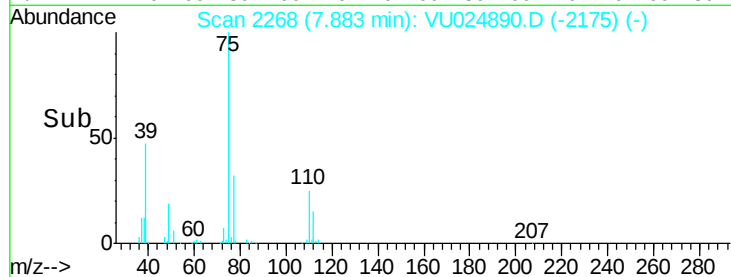
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#54

cis-1,3-Dichloropropene

Concen: 46.06 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

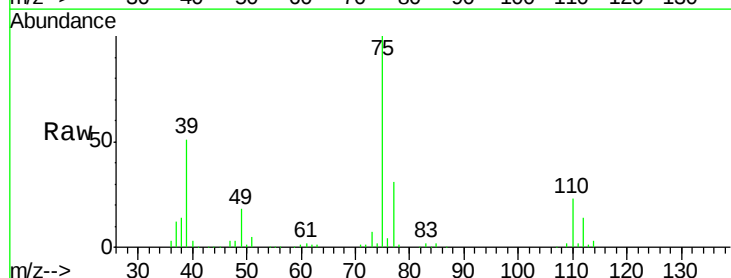
Tgt Ion: 75 Resp: 192632

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 50.7 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

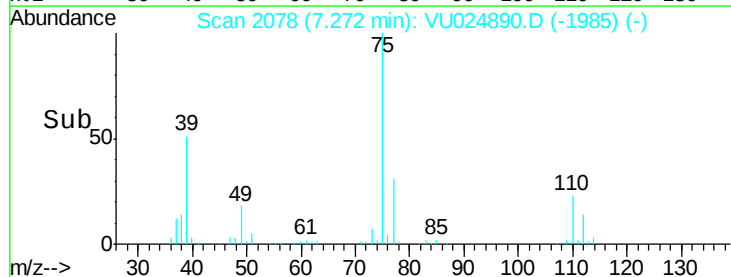
150000

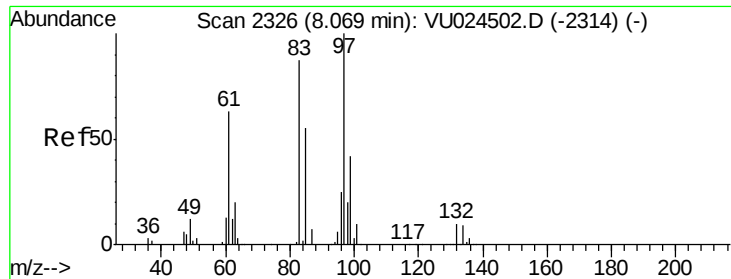
100000

50000

0

Time--> 7.20 7.25 7.30 7.35 7.40





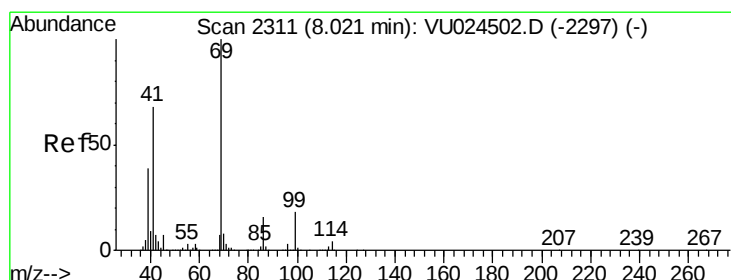
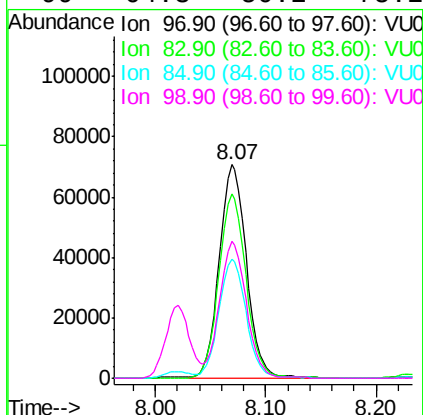
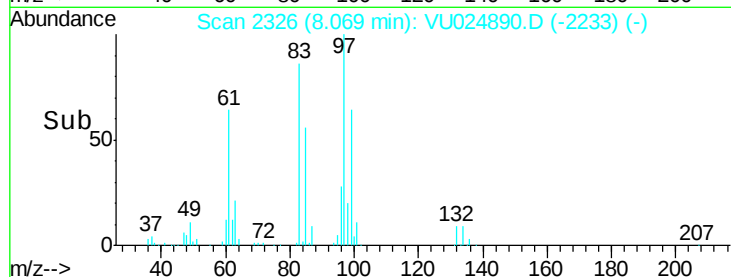
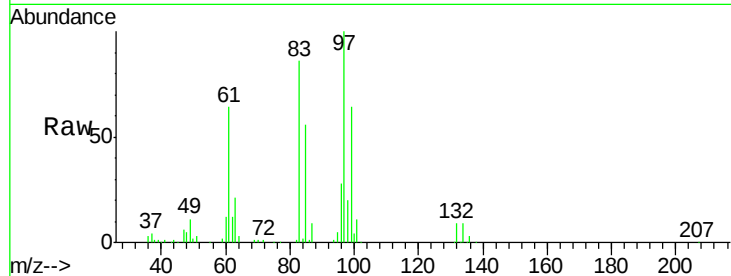
#55
 1,1,2-Trichloroethane
 Concen: 49.22 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		120531		
83	86.4	70.5	105.7		
85	55.8	46.4	69.6		
99	64.3	50.2	75.2		

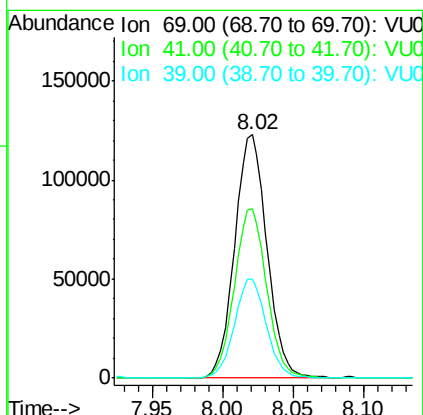
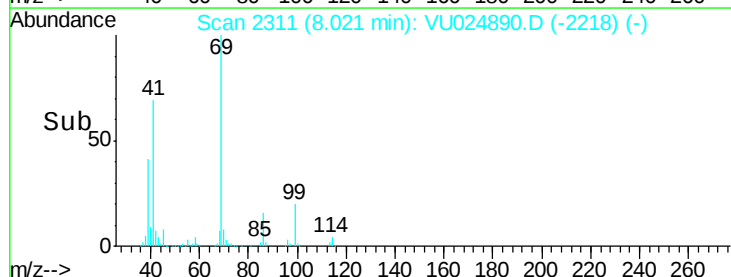
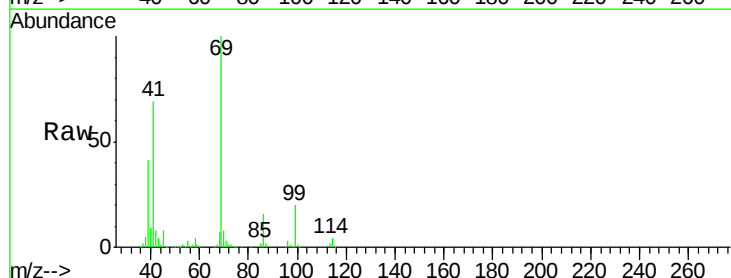
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#56
 Ethyl methacrylate
 Concen: 48.26 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		197801		
41	69.0	54.1	81.1		
39	39.6	30.3	45.5		





#57

1,3-Dichloropropane

Concen: 49.25 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Tot Ion: 76 Resp: 203456

Ion Ratio Lower Upper

76 100

78 32.1 25.2 37.8

Instrument :

MSVOA_U

ClientSampleId :

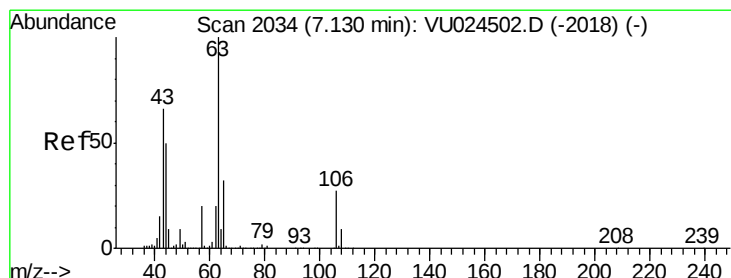
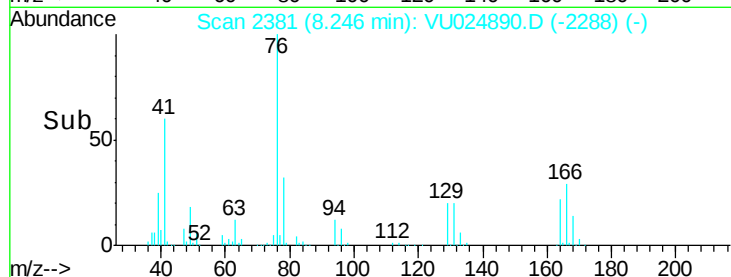
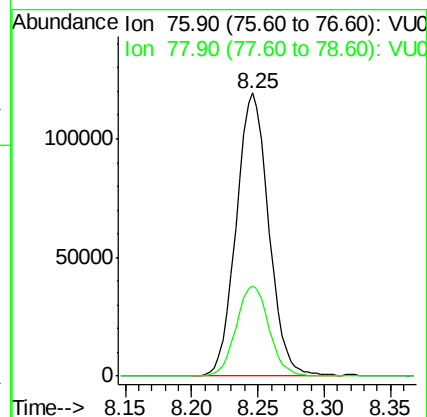
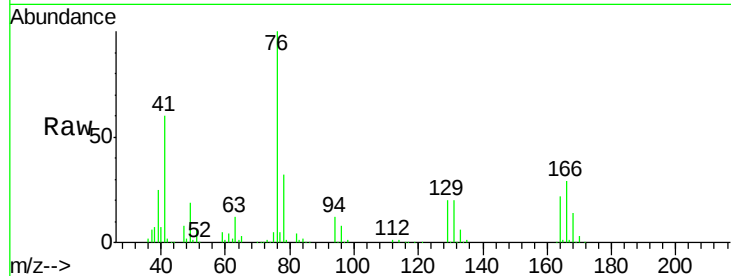
VSTDCCC050EC

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#58

2-Chloroethyl Vinyl ether

Concen: 45.12 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024890.D

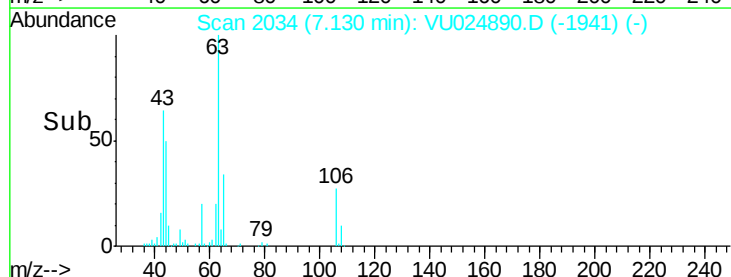
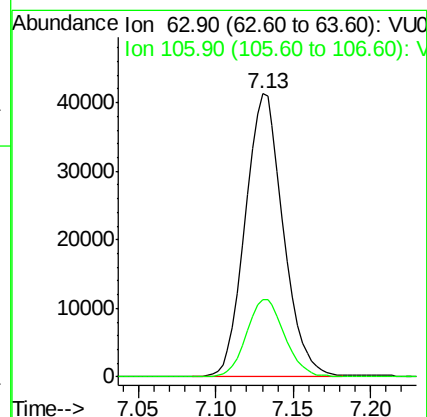
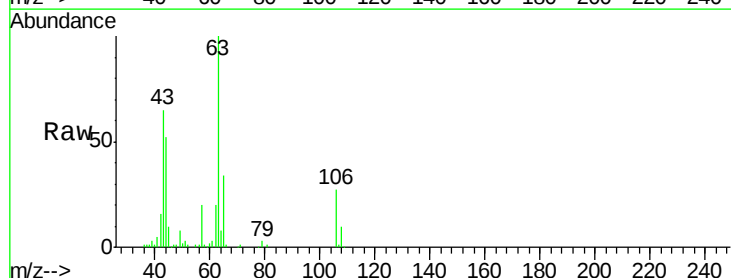
Acq: 25 Jun 2018 21:23

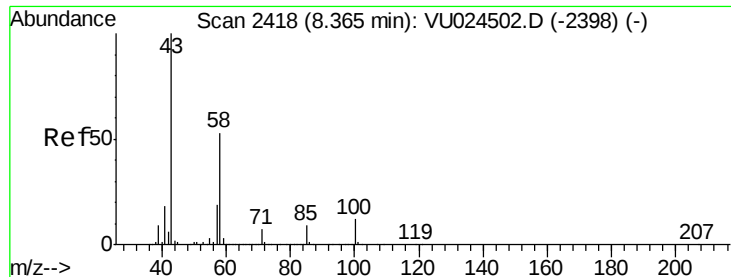
Tgt Ion: 63 Resp: 70860

Ion Ratio Lower Upper

63 100

106 27.5 20.2 30.2





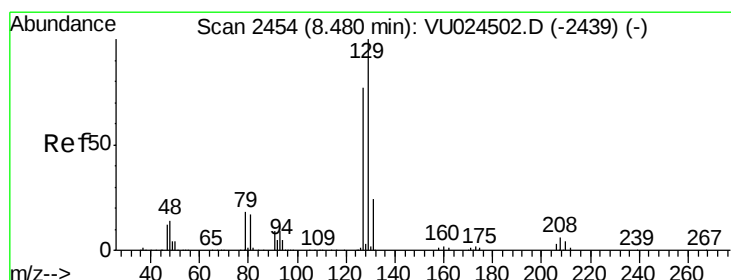
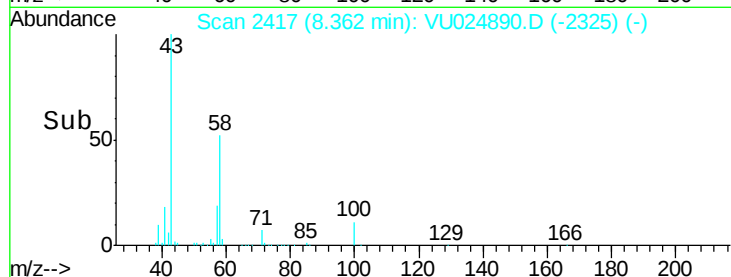
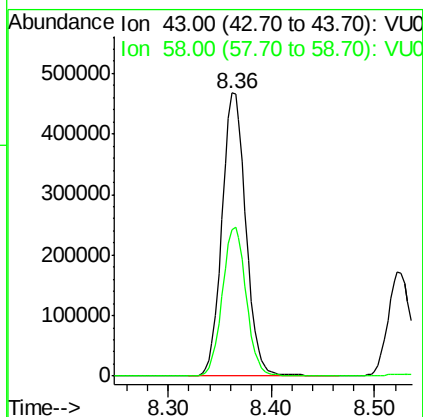
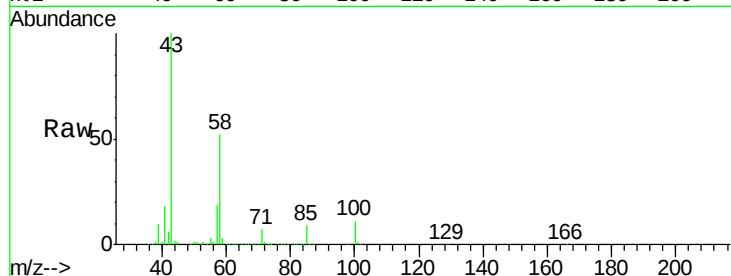
#59
2-Hexanone
Concen: 237.32 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 753655
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.0

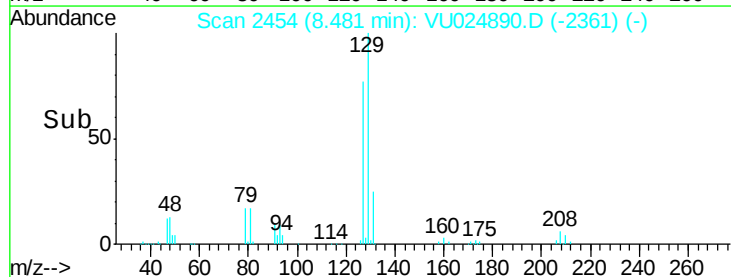
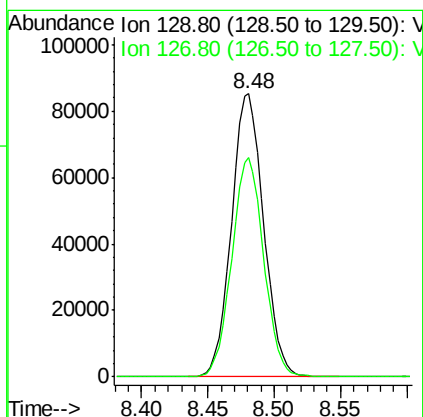
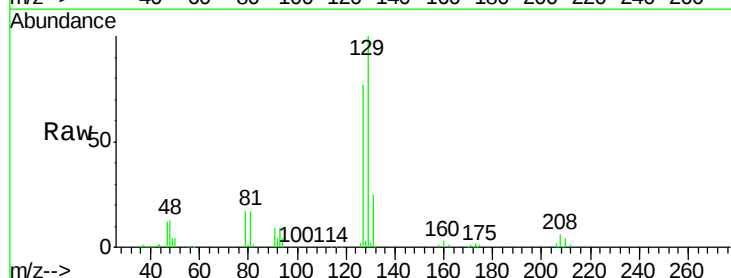
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#60
Dibromochloromethane
Concen: 46.99 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion: 129 Resp: 143497
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 48.50 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 132216

Ion Ratio Lower Upper

107 100

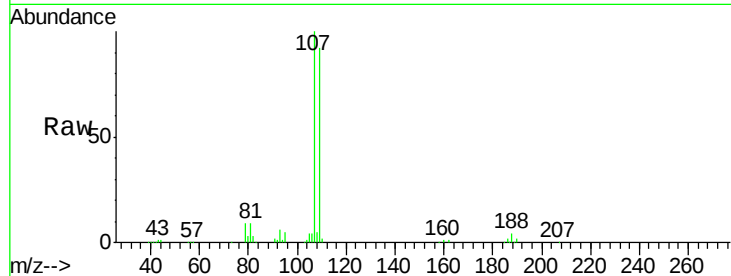
109 93.4 74.5 111.7

Manual Integrations

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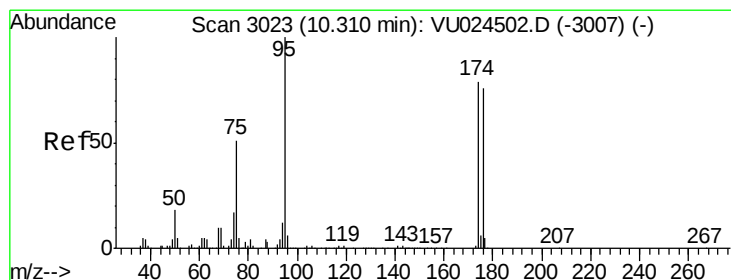
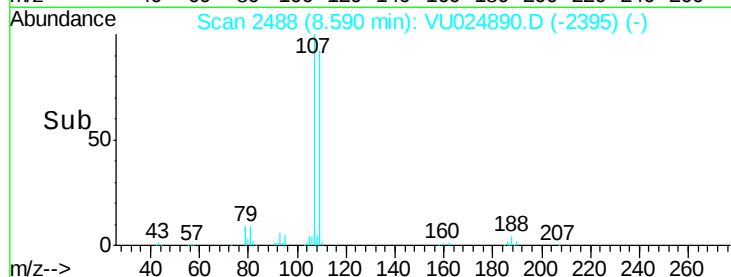
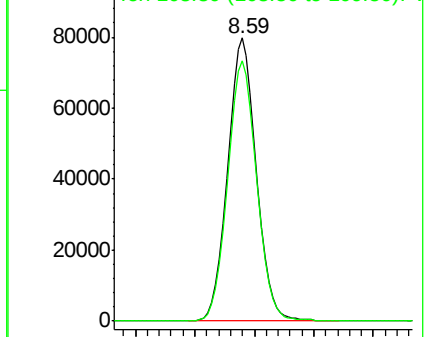
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.57 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

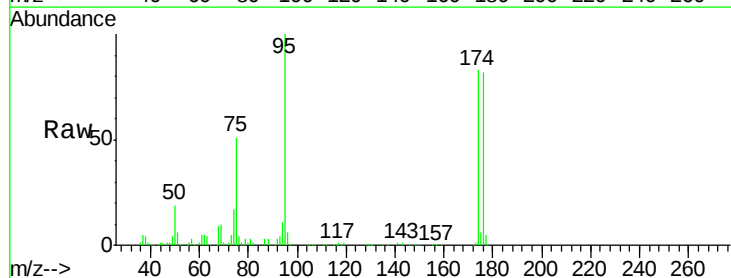
Tgt Ion: 95 Resp: 163263

Ion Ratio Lower Upper

95 100

174 83.3 0.0 165.8

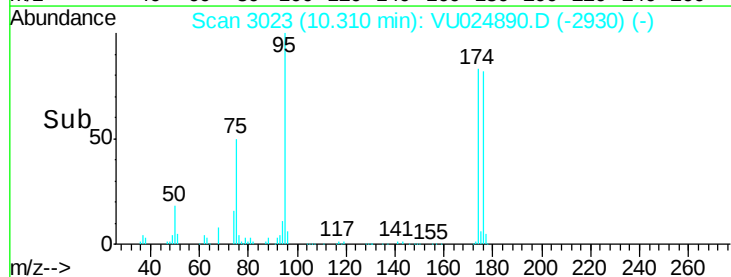
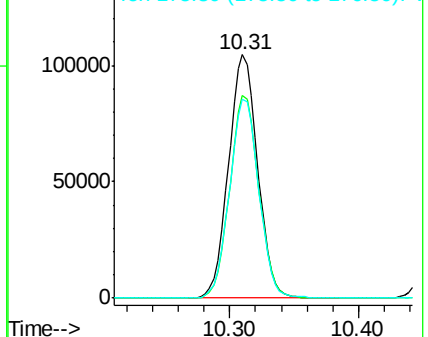
176 82.4 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





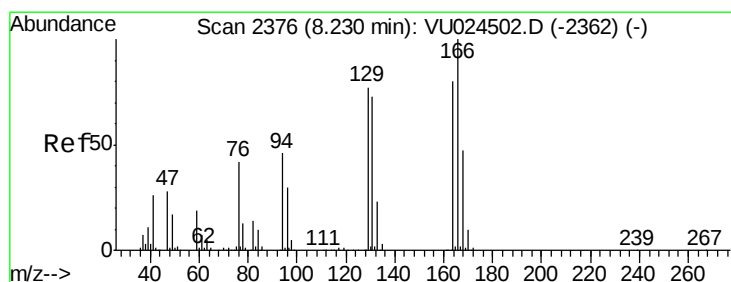
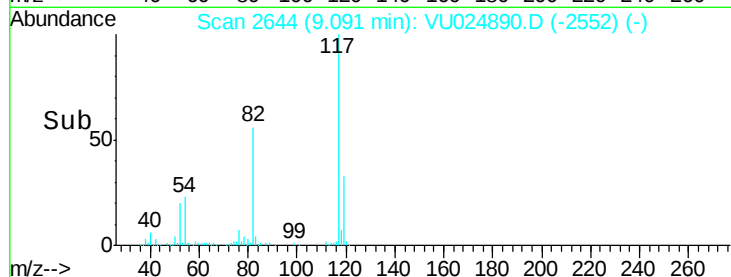
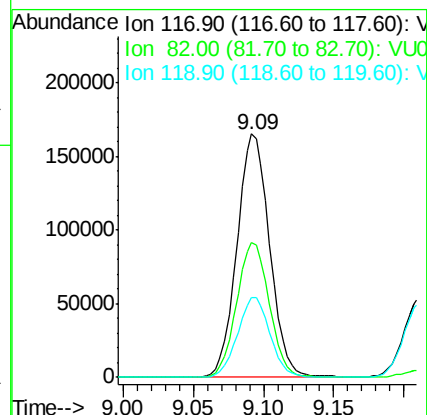
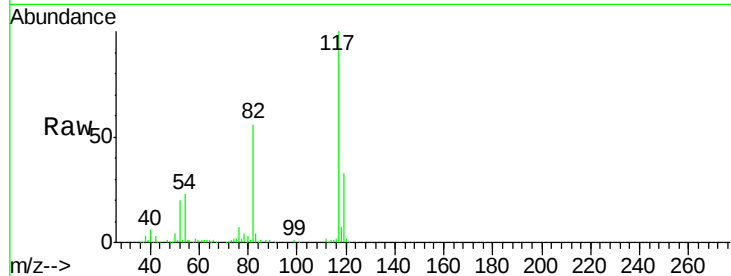
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	267863		
82	55.6	44.3	66.5	
119	32.7	25.4	38.2	

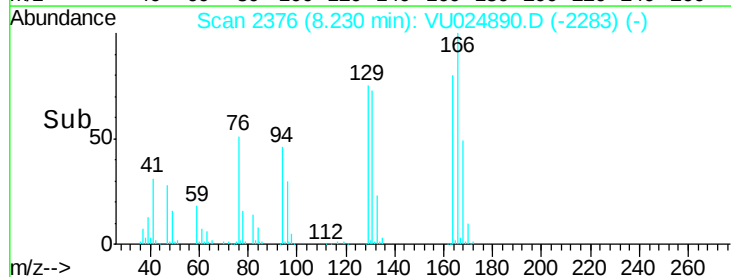
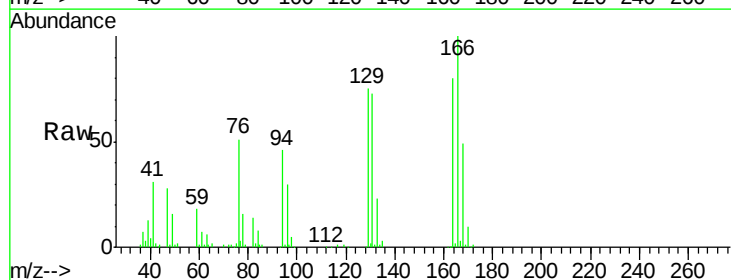
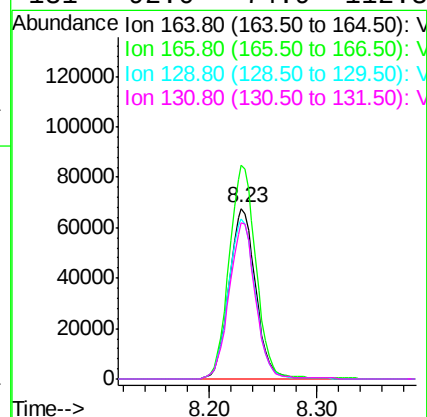
Manual Integrations
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#64
Tetrachloroethene
Concen: 45.67 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116283		
166	125.5	101.7	152.5	
129	94.4	76.9	115.3	
131	92.0	74.9	112.3	





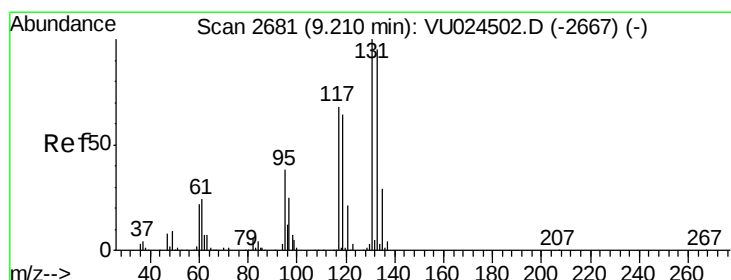
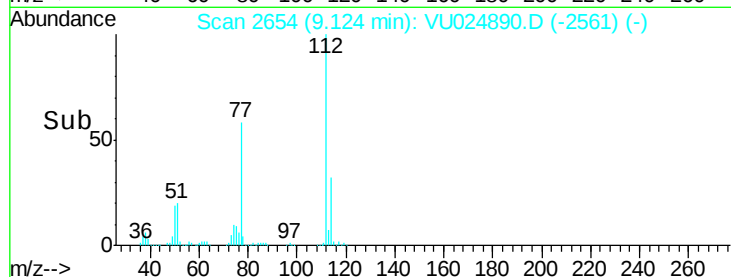
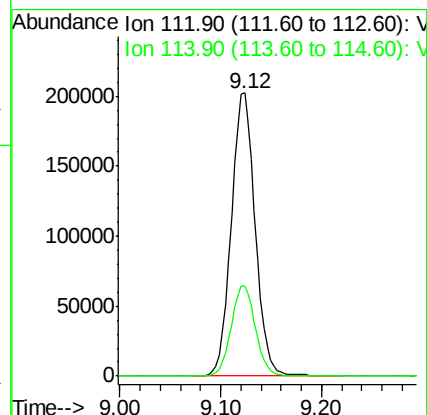
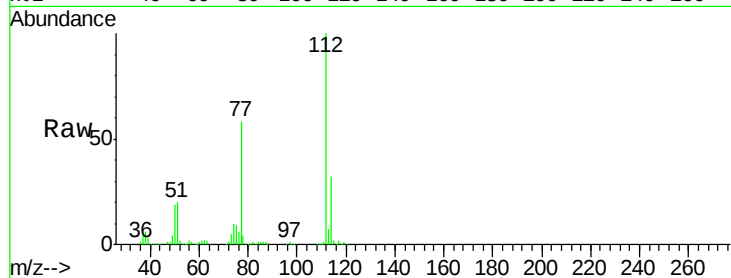
#65
Chlorobenzene
Concen: 48.92 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.6	38.4

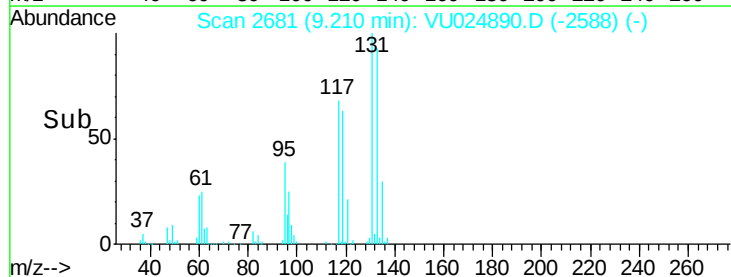
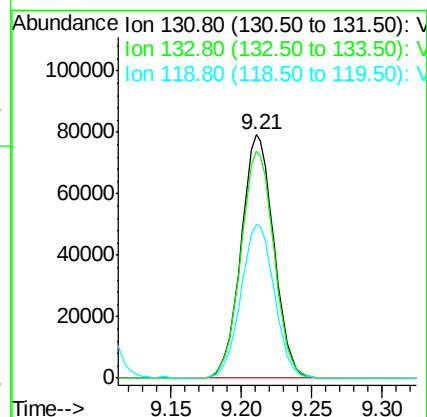
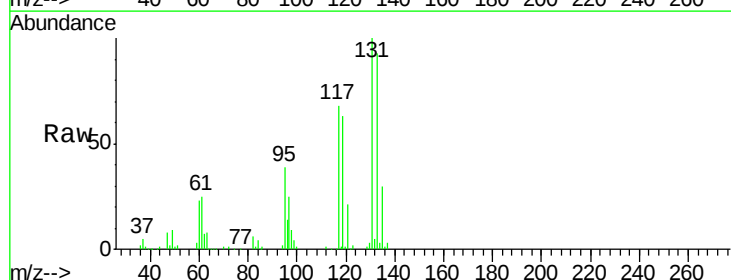
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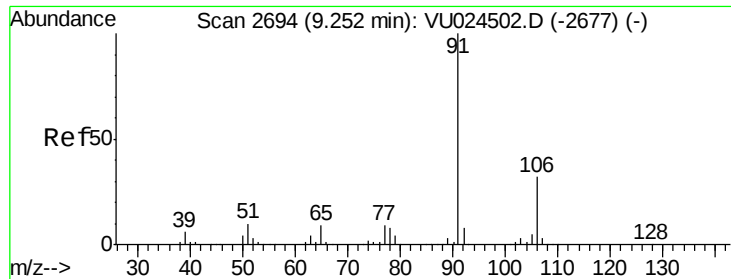
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.54 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	46.9	140.8
119	64.4	33.5	100.4





#67

Ethyl Benzene

Concen: 47.94 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 575079

Ion Ratio Lower Upper

91 100

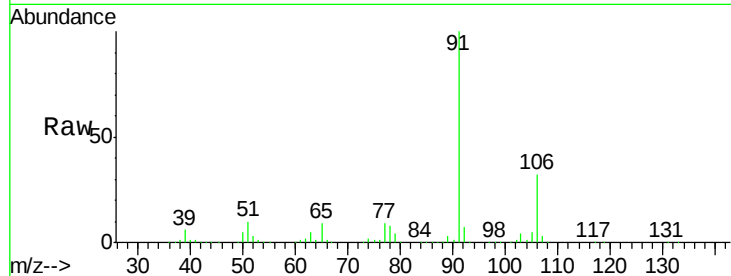
106 31.8 24.2 36.4

Manual Integrations

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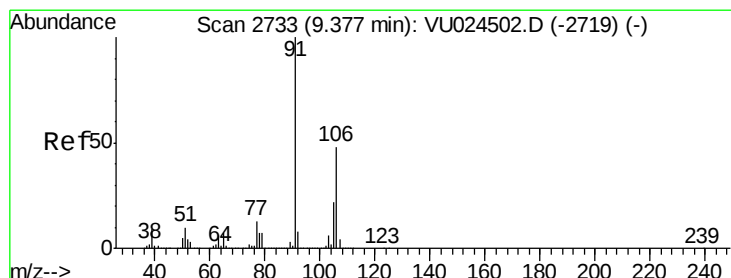
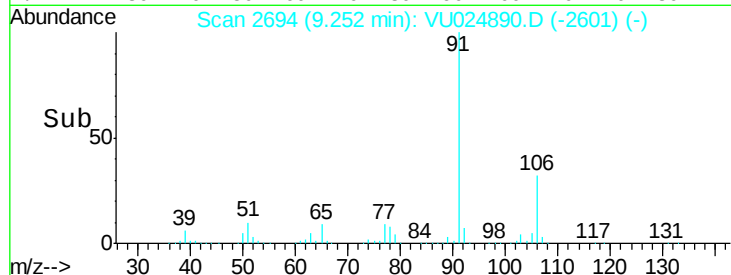
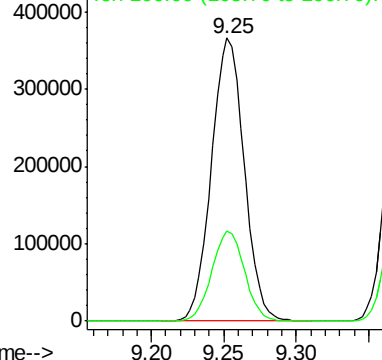
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 98.36 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024890.D

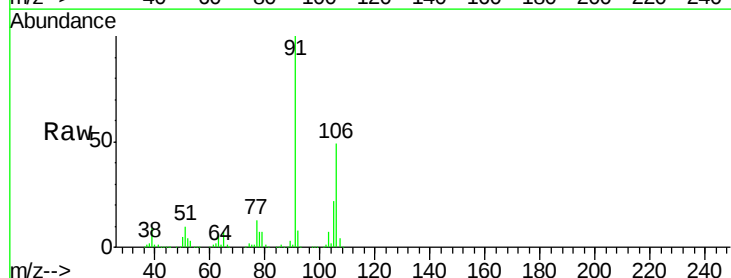
Acq: 25 Jun 2018 21:23

Tgt Ion: 106 Resp: 453084

Ion Ratio Lower Upper

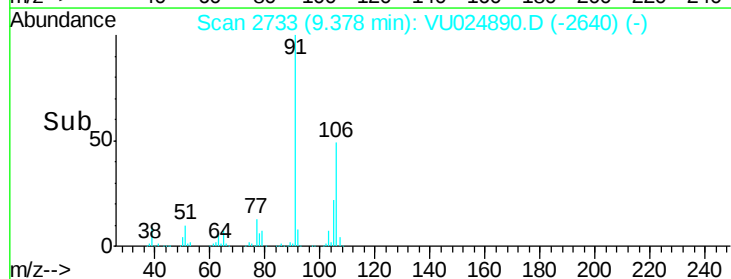
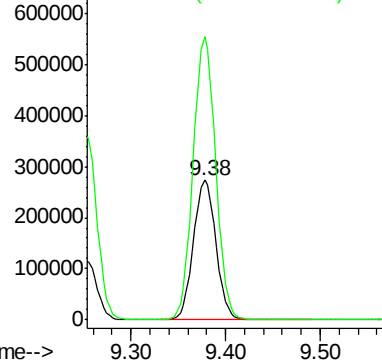
106 100

91 203.0 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





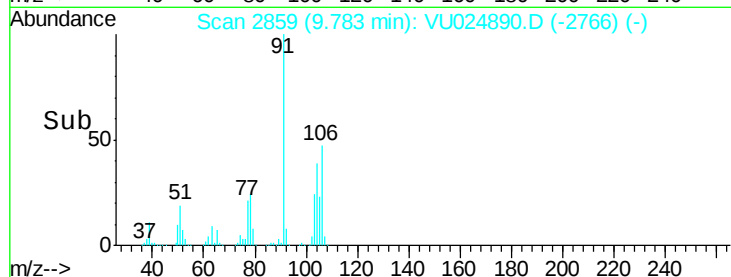
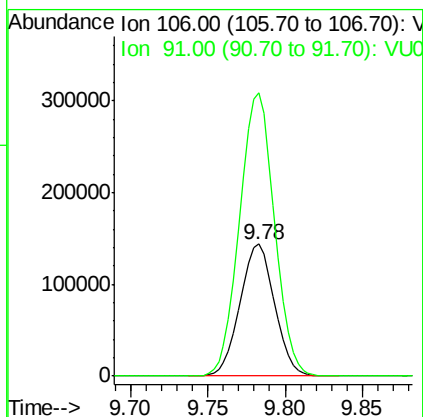
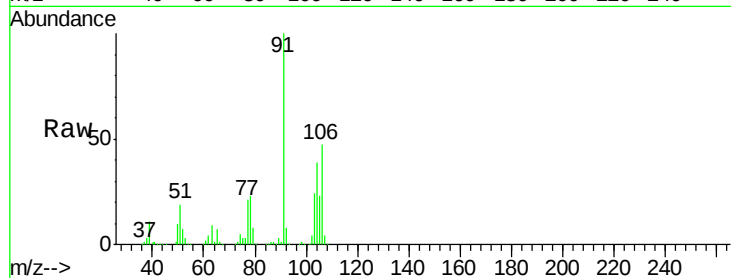
#69
o-Xylene
Concen: 49.24 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.1	110.7	331.9

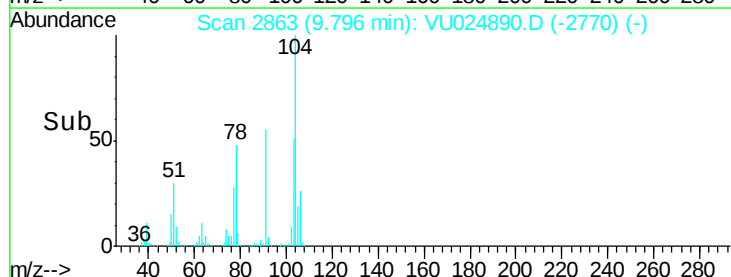
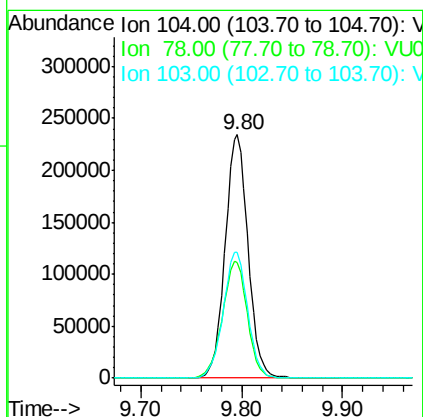
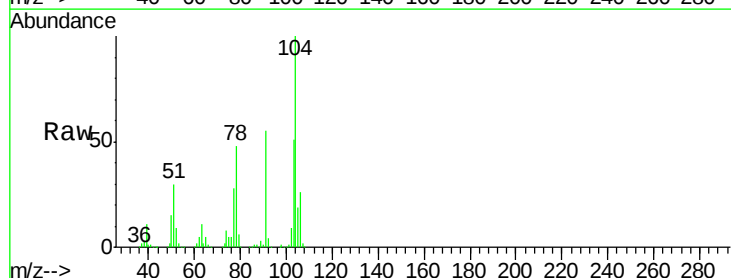
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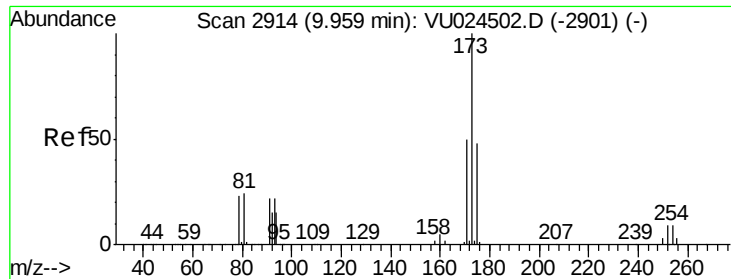
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#70
Styrene
Concen: 49.73 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.6	60.8
103	55.2	44.7	67.1





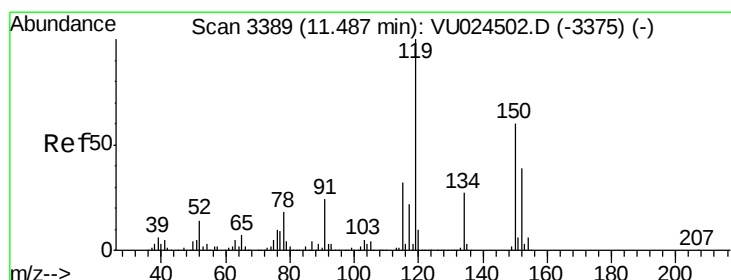
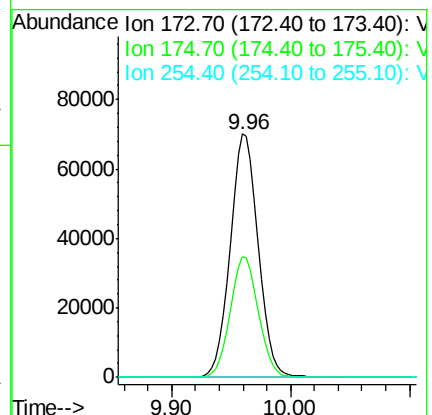
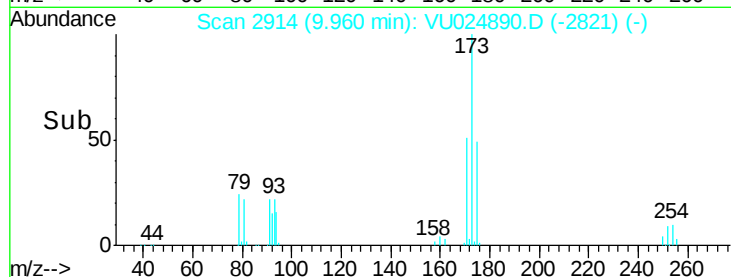
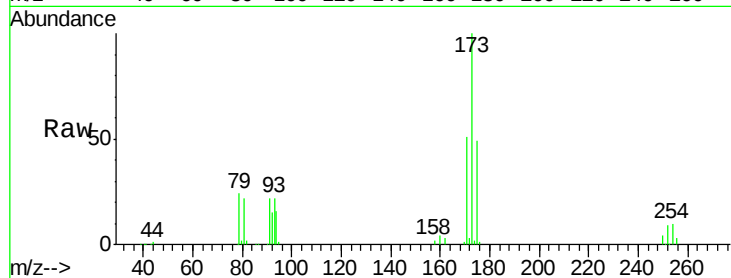
#71
Bromoform
Concen: 46.02 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.6	74.0
254	0.0	0.0	0.0

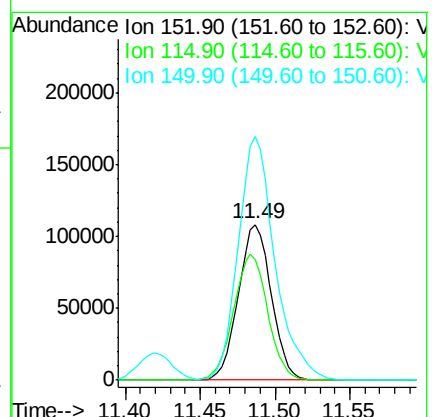
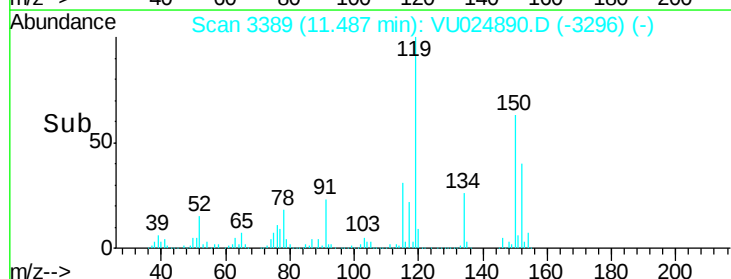
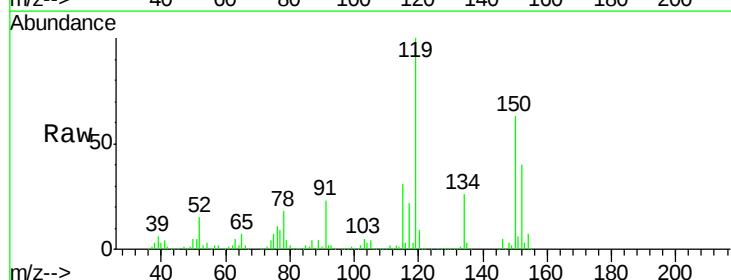
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.4	43.0	129.0
150	173.9	0.0	354.0





#73

Isopropylbenzene

Concen: 47.84 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 611293

Ion Ratio Lower Upper

105 100

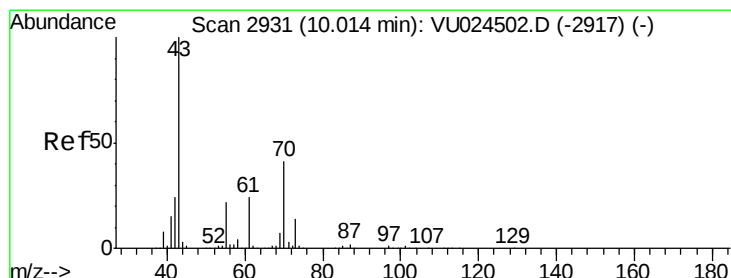
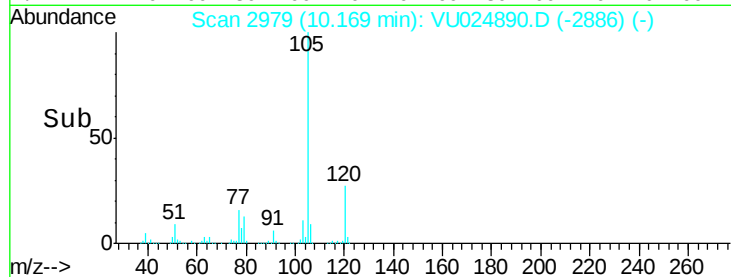
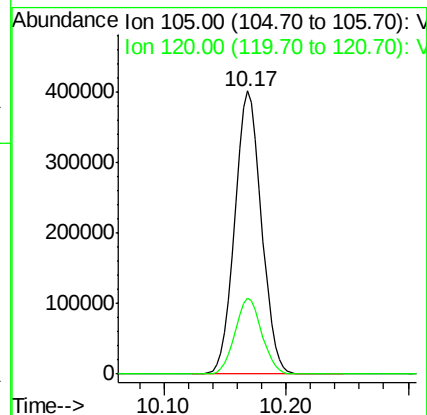
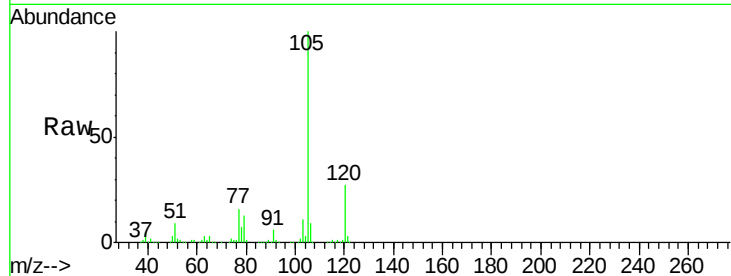
120 26.9 13.2 39.6

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#74

N-ethyl acetate

Concen: 45.25 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Tgt Ion: 43 Resp: 275037

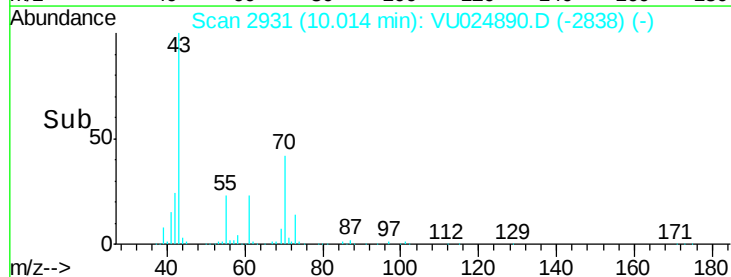
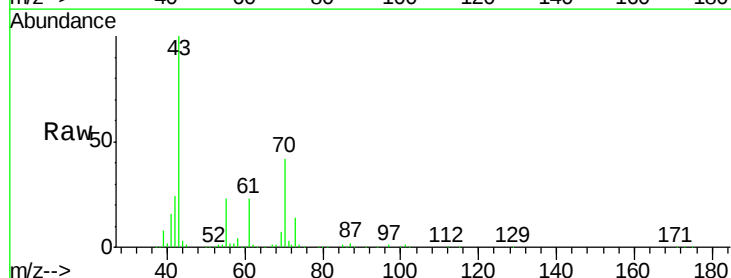
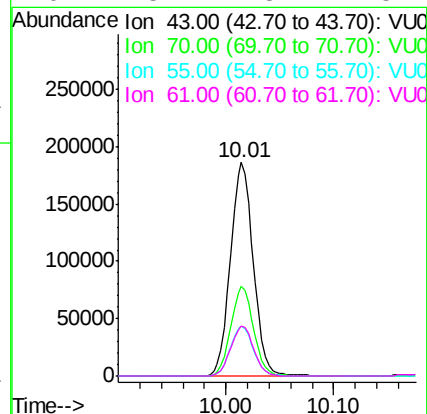
Ion Ratio Lower Upper

43 100

70 41.6 32.2 48.4

55 23.8 20.5 30.7

61 23.7 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.40 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 207241

Ion Ratio Lower Upper

83 100

131 10.7 4.7 14.1

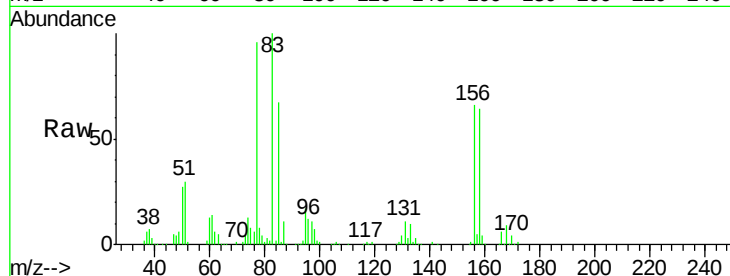
85 65.3 32.5 97.5

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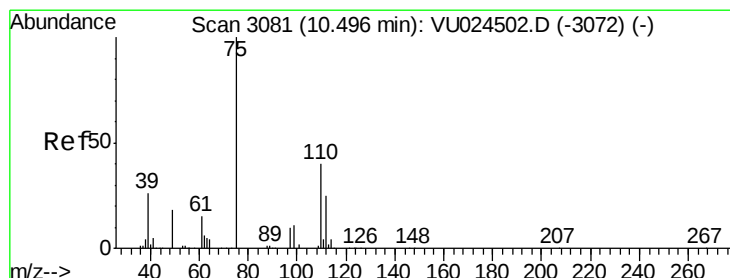
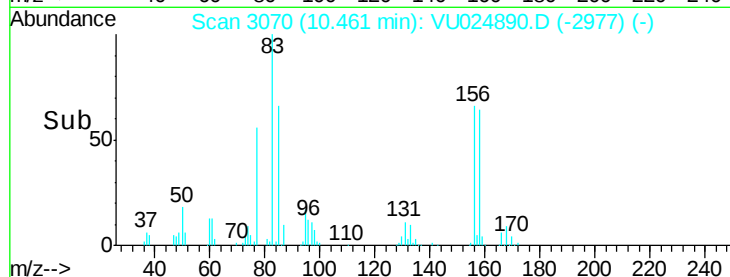
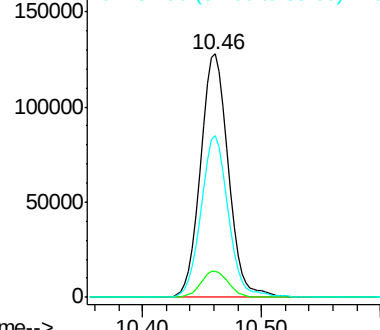
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Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 55.38 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024890.D

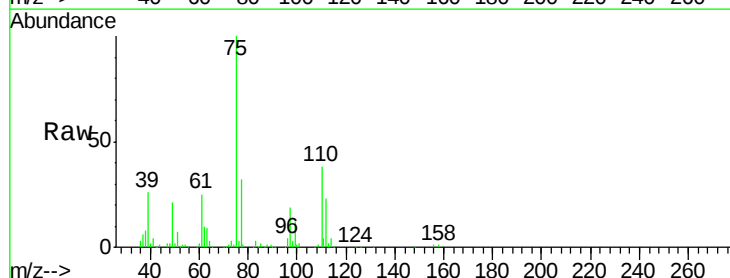
Acq: 25 Jun 2018 21:23

Tgt Ion: 75 Resp: 202908

Ion Ratio Lower Upper

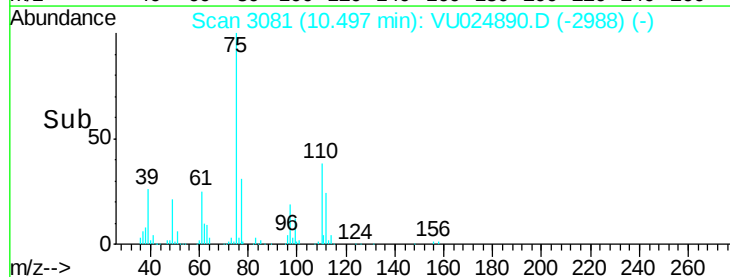
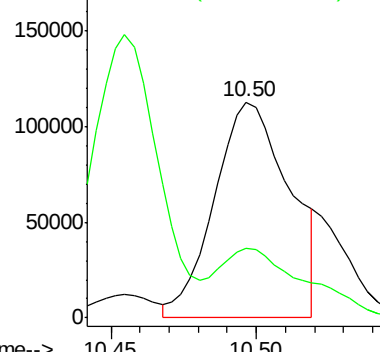
75 100

77 38.2 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 47.83 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

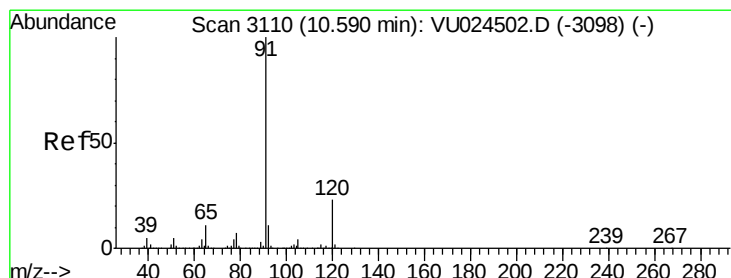
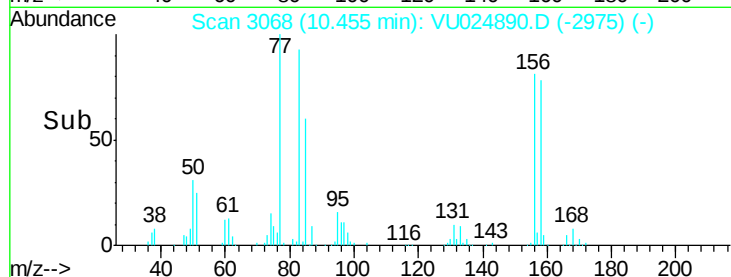
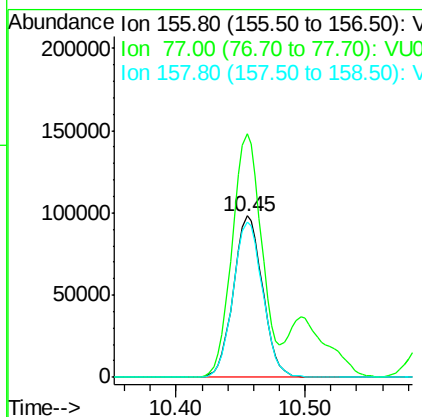
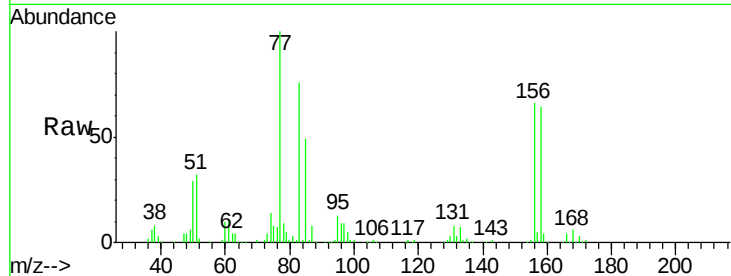
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	154719
Ion Ratio	Lower	Upper	
156	100		
77	153.0	80.5	241.3
158	97.6	48.2	144.6

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#78

n-propylbenzene

Concen: 45.97 ug/l

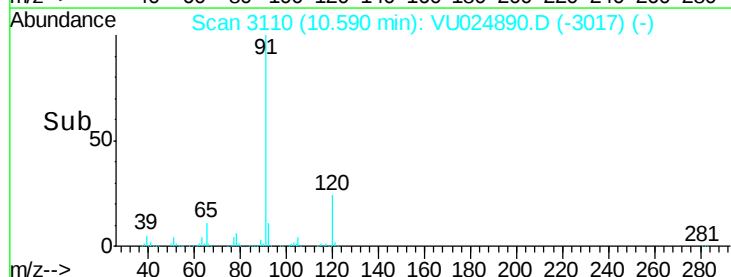
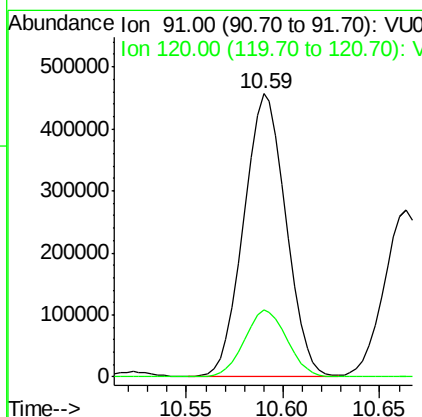
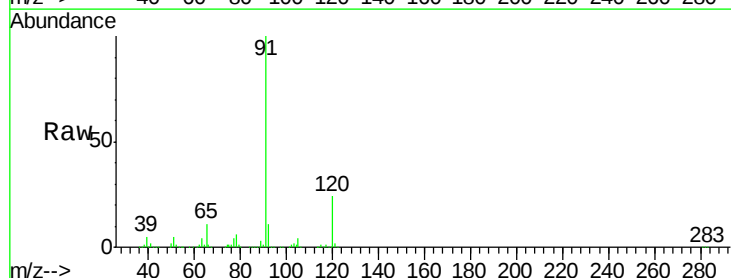
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Tgt Ion:	91	Resp:	691916
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.2	33.5





#79

2-Chlorotoluene

Concen: 47.02 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 417366

Ion Ratio Lower Upper

91 100

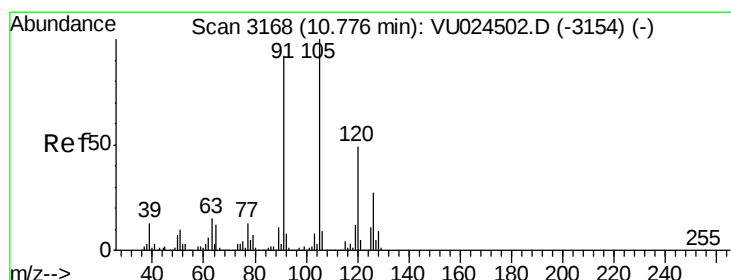
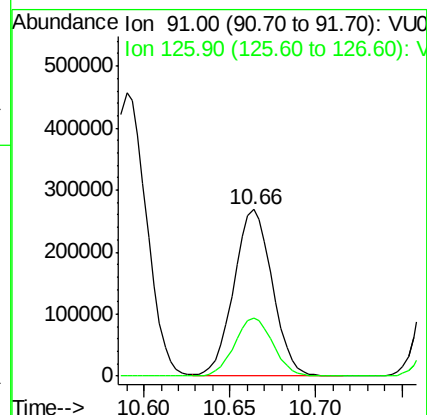
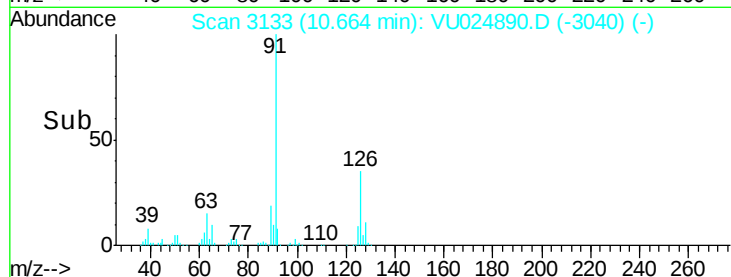
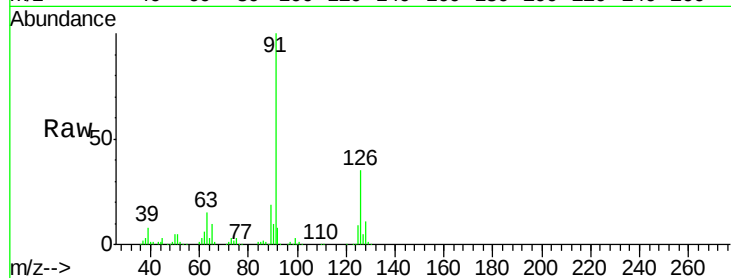
126 35.1 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 47.84 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024890.D

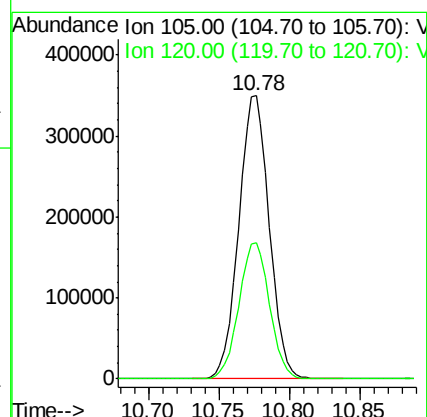
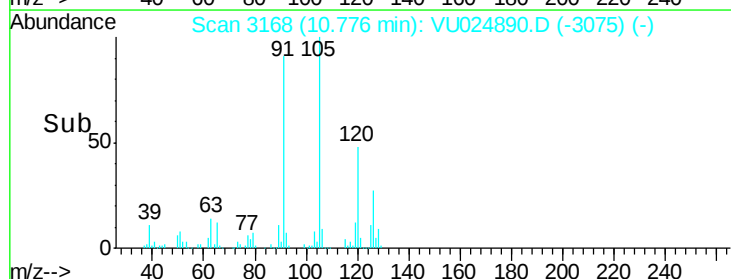
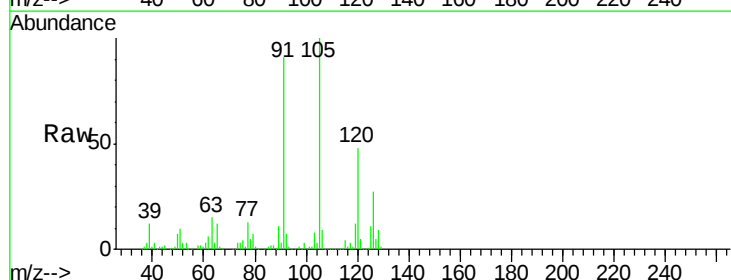
Acq: 25 Jun 2018 21:23

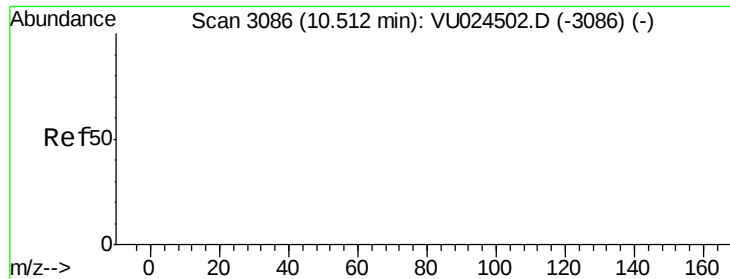
Tgt Ion: 105 Resp: 529851

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 41.86 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

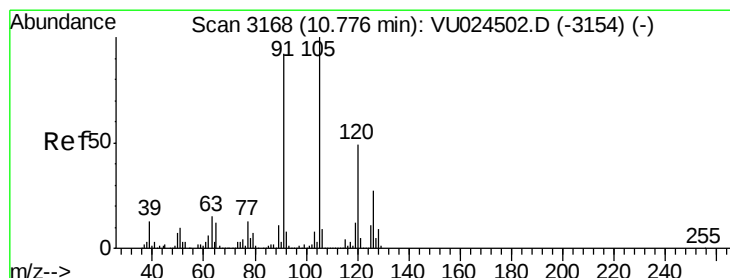
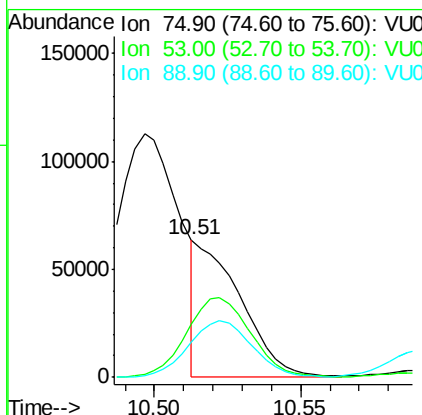
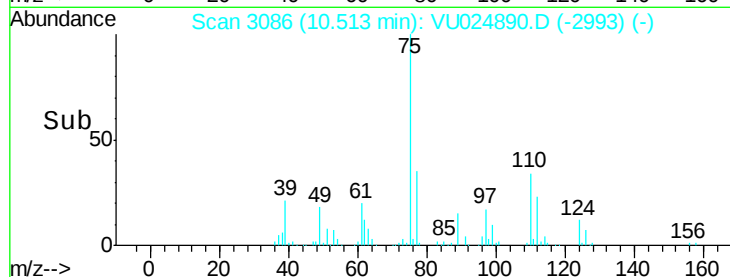
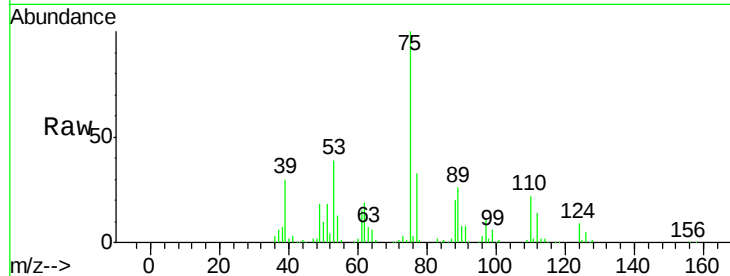
Instrument :
MSVOA_U

ClientSampleId :
VSTDCCC050EC

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: 47.50 ug/l

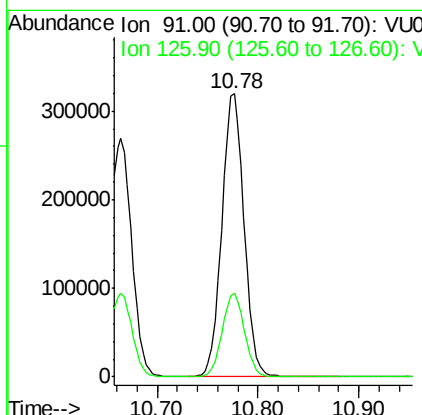
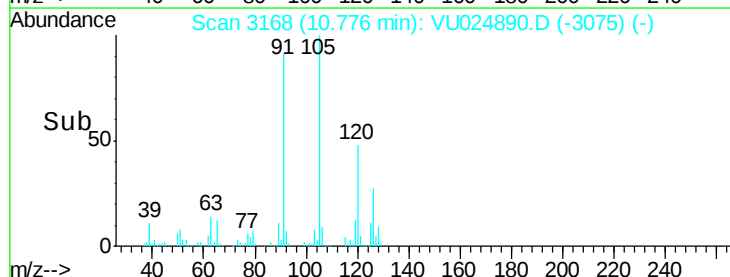
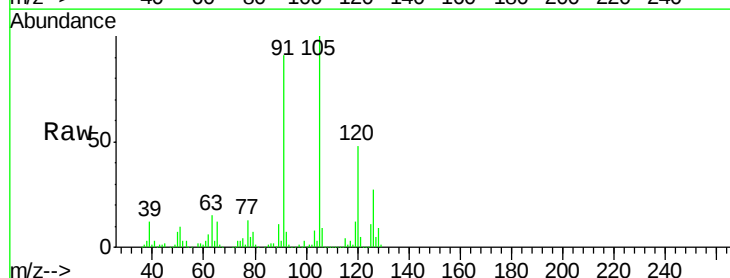
RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.9	44.9





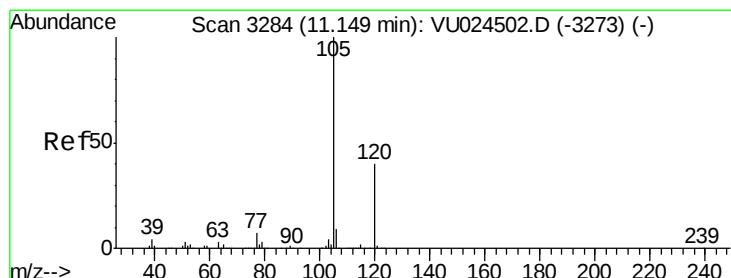
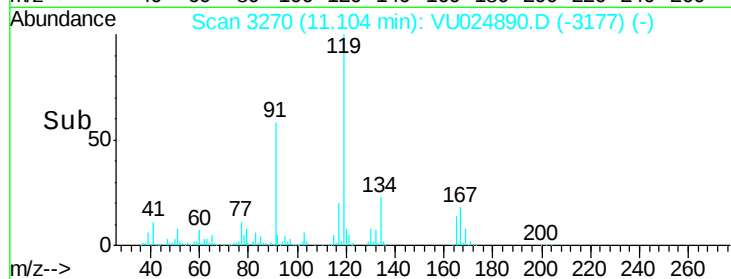
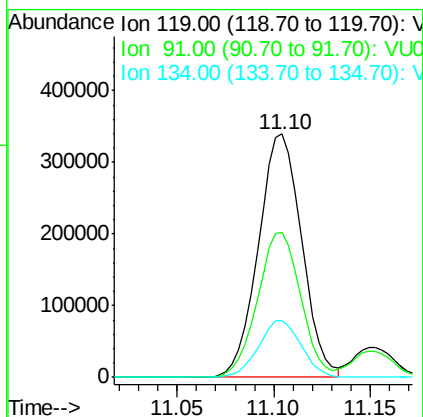
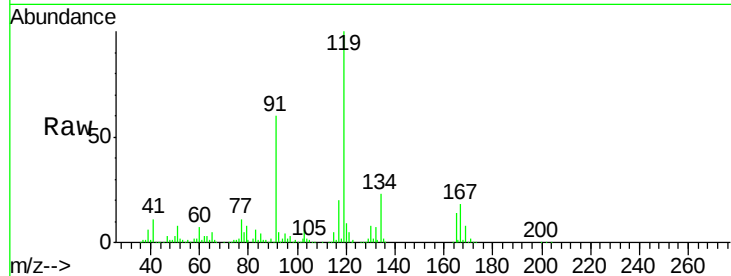
#83
 tert-Butylbenzene
 Concen: 49.65 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	528907		
91	59.1	29.7	89.1	
134	23.0	11.6	34.7	

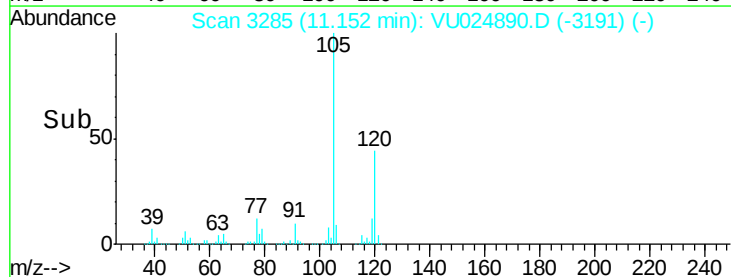
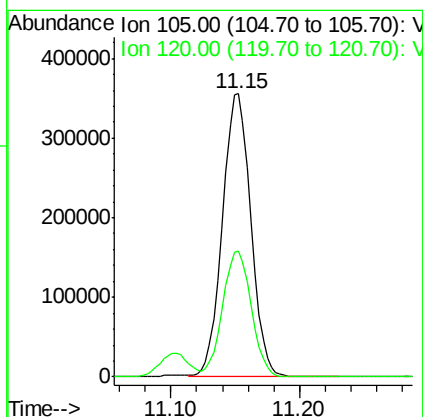
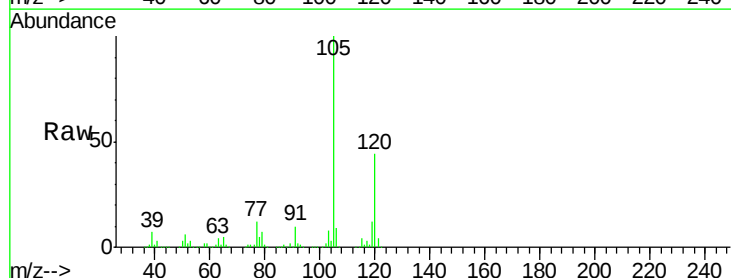
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.02 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	541957		
120	44.9	22.6	67.8	





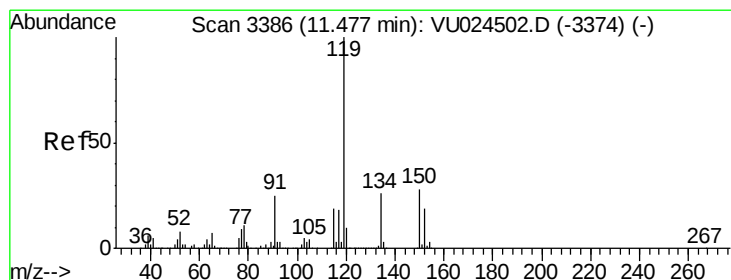
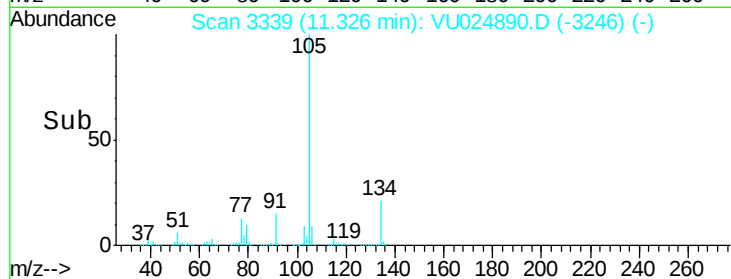
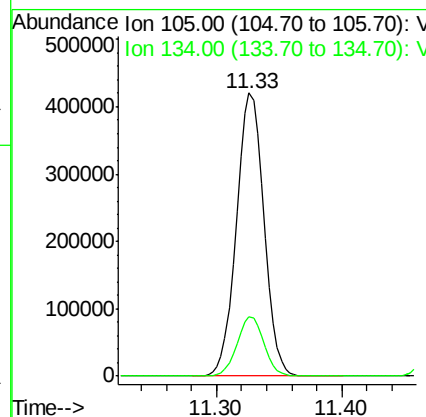
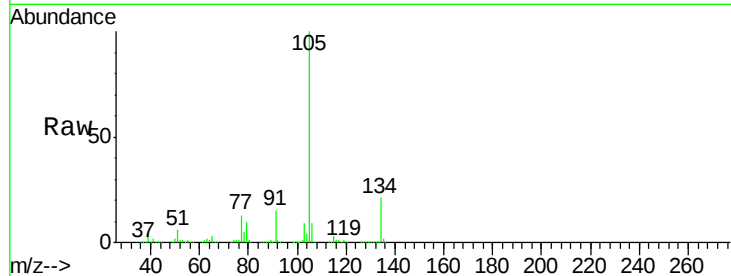
#85
 sec-Butylbenzene
 Concen: 47.86 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	9.7	29.1

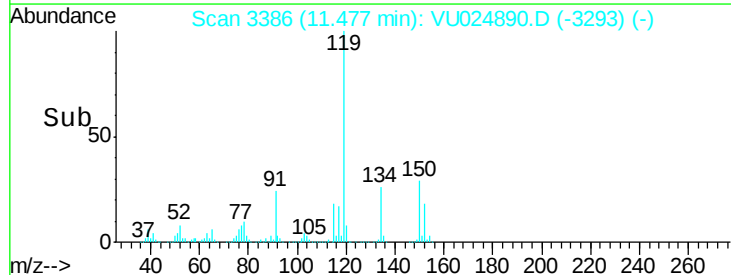
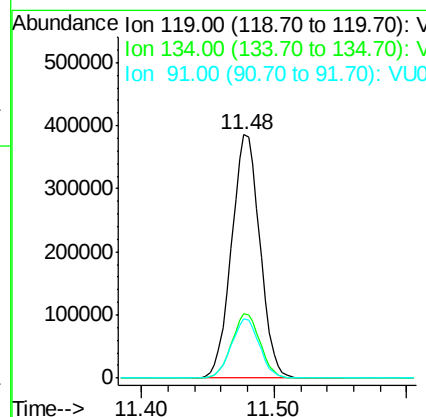
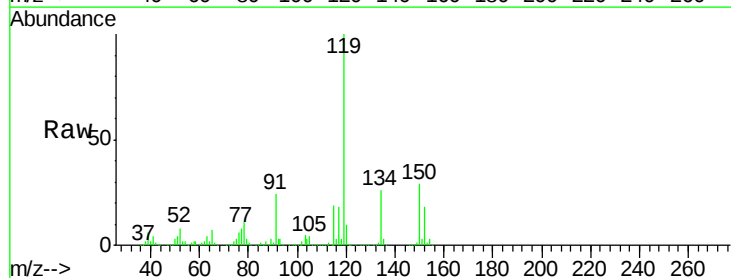
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#86
 p-Isopropyltoluene
 Concen: 47.90 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.6
91	24.0	12.0	36.1





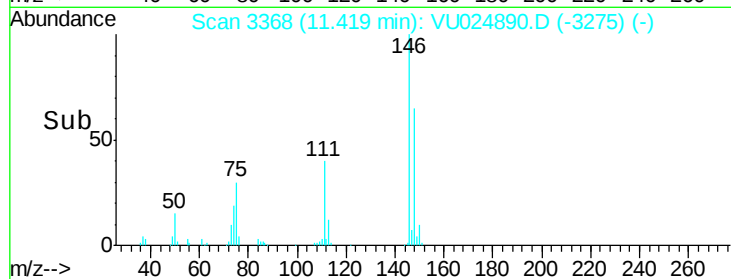
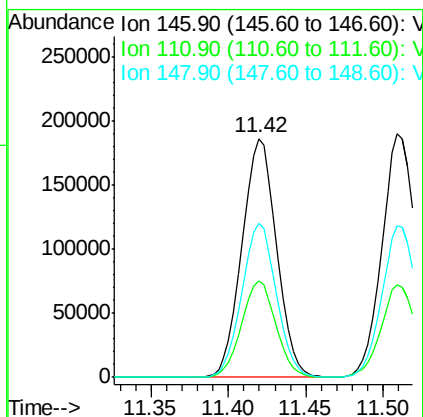
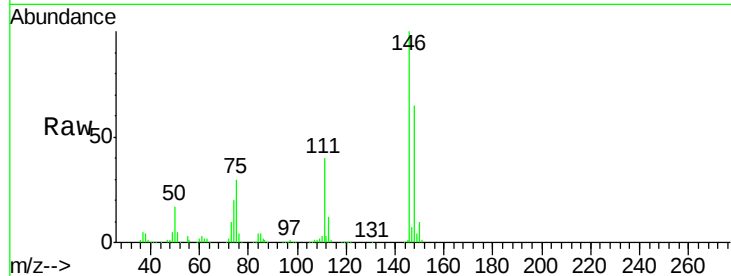
#87
 1,3-Dichlorobenzene
 Concen: 48.66 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.2	32.1	96.5

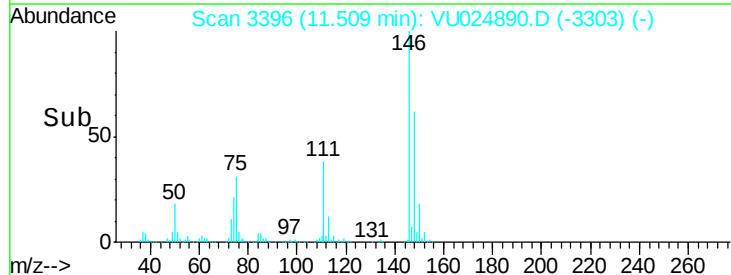
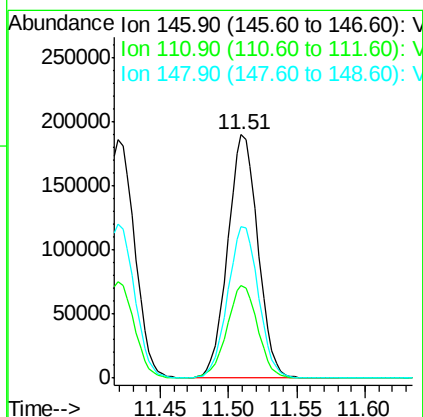
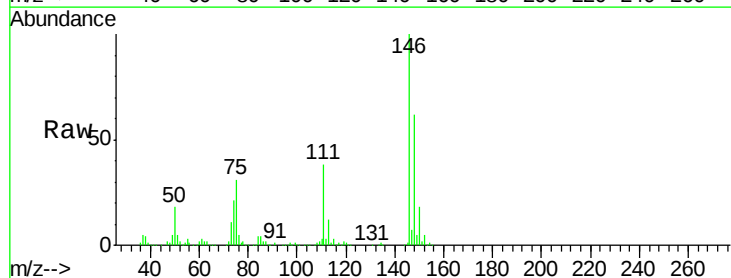
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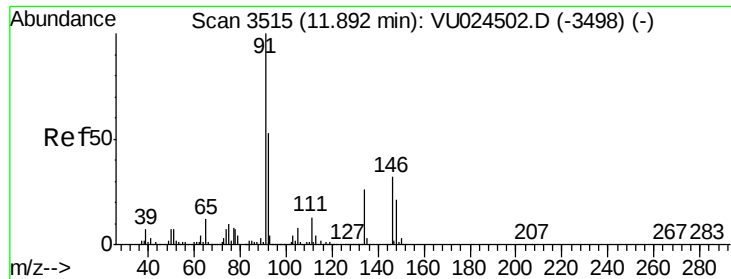
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#88
 1,4-Dichlorobenzene
 Concen: 48.43 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	63.9	32.4	97.0





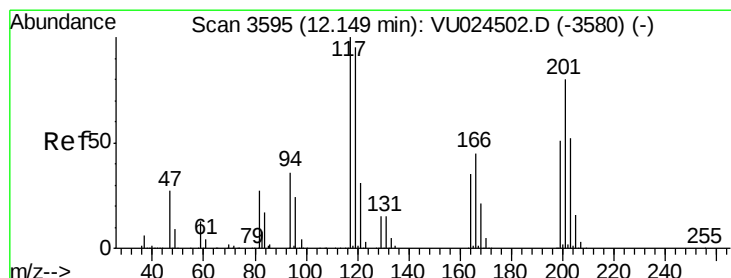
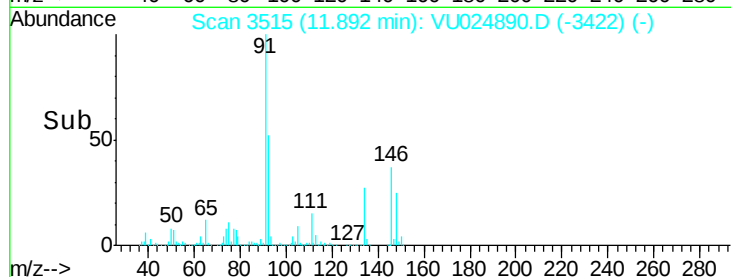
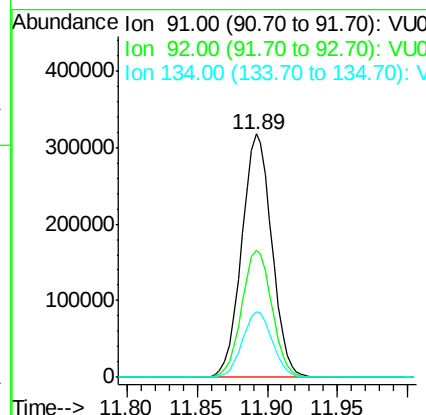
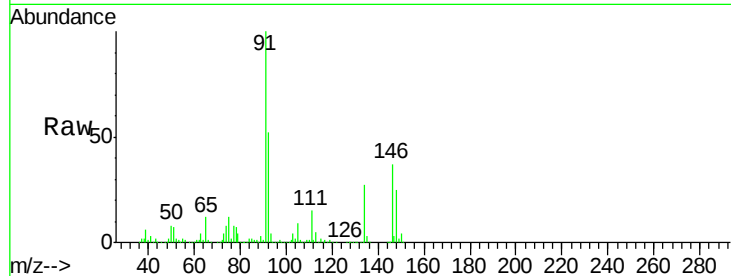
#89
n-Butylbenzene
Concen: 44.74 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.6	76.8
134	26.8	12.3	36.8

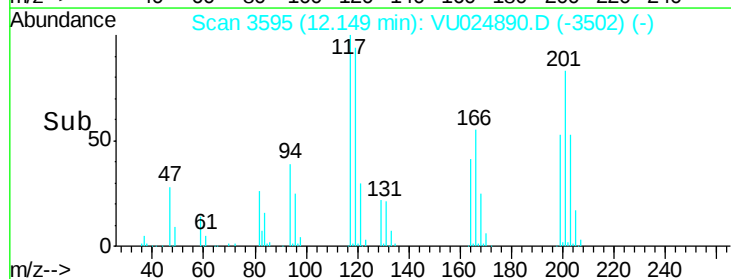
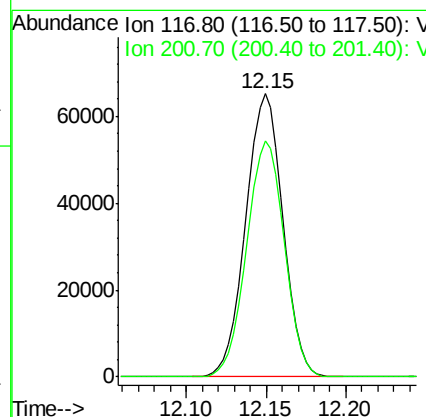
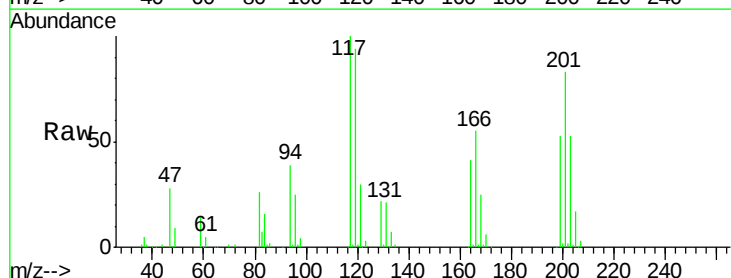
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#90
Hexachloroethane
Concen: 44.23 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024890.D
Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	41.1	123.3





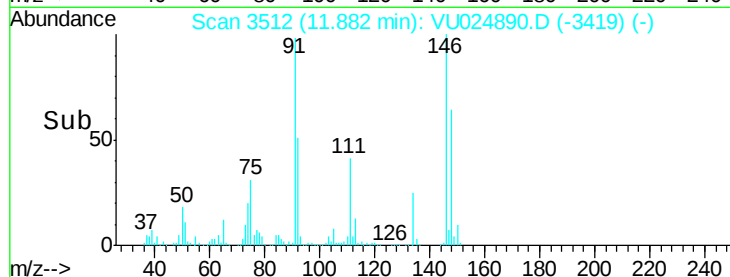
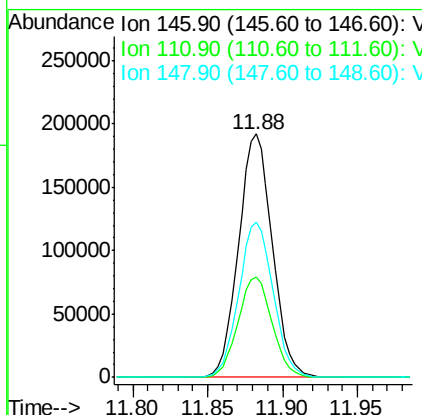
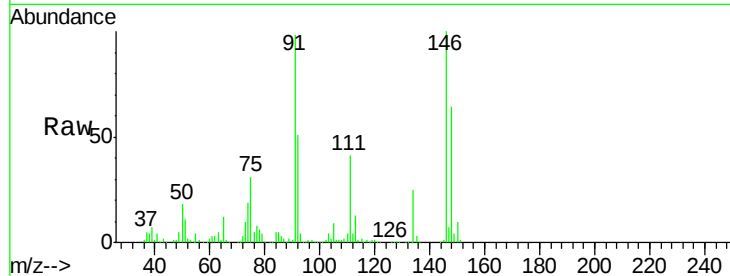
#91
 1,2-Dichlorobenzene
 Concen: 50.39 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.6
148	64.8	31.9	95.7

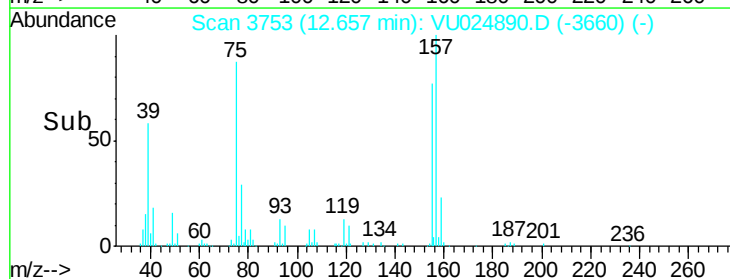
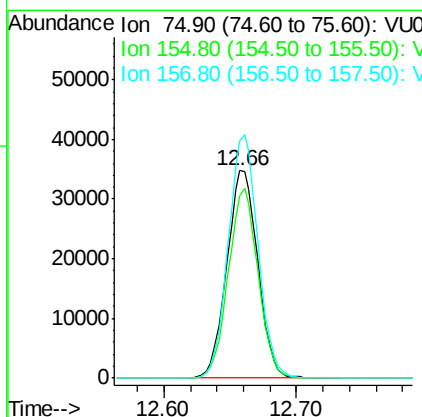
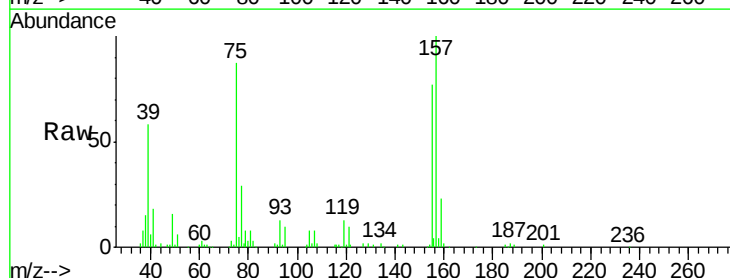
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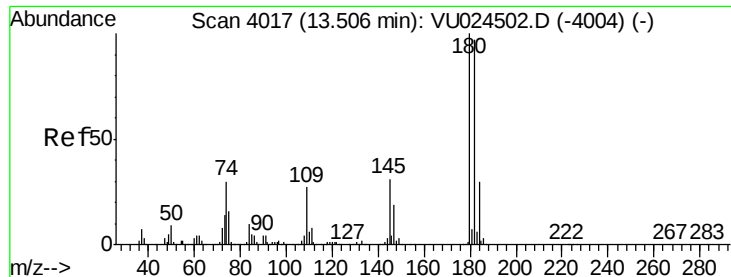
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.54 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	40.4	121.2
157	112.8	52.3	156.8





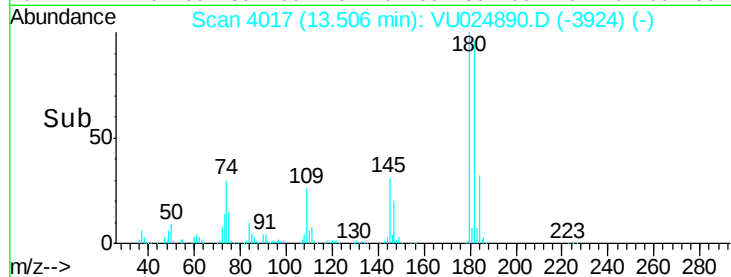
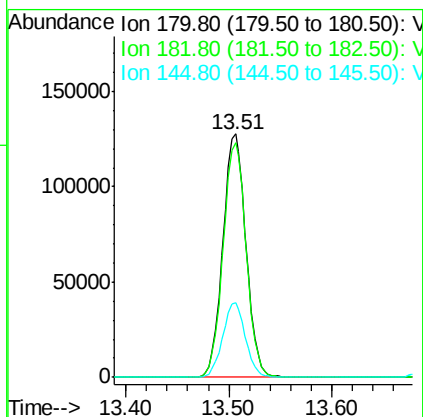
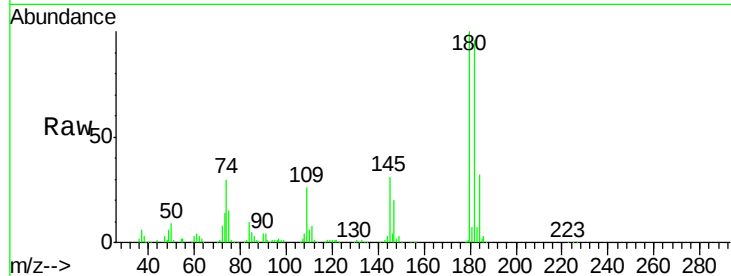
#93
 1,2,4-Trichlorobenzene
 Concen: 53.97 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199486		
182	96.2	48.0	144.2	
145	30.0	14.7	44.1	

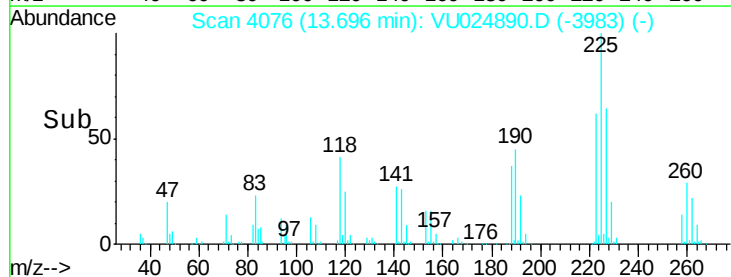
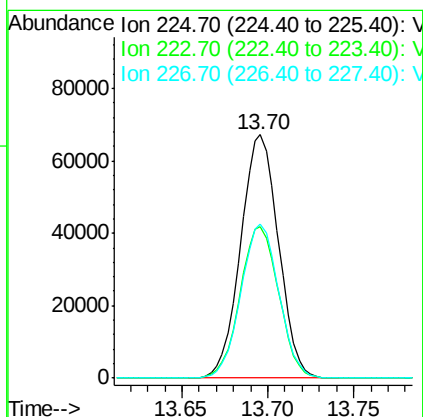
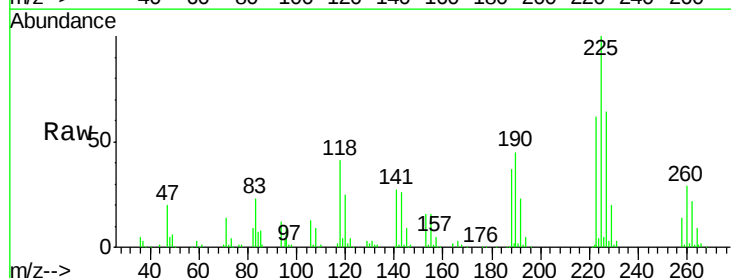
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#94
 Hexachlorobutadiene
 Concen: 49.41 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024890.D
 Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102802		
223	63.4	31.3	93.8	
227	63.5	31.8	95.4	





#95

Naphthalene

Concen: 53.48 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Instrument :

MSVOA_U

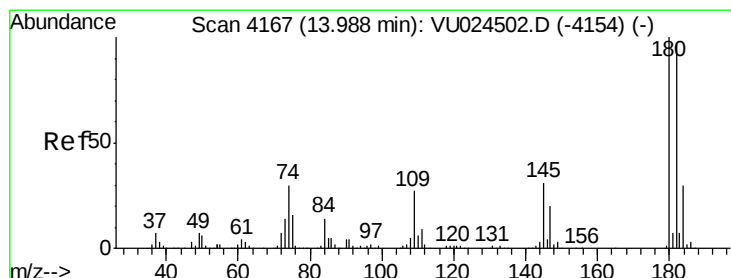
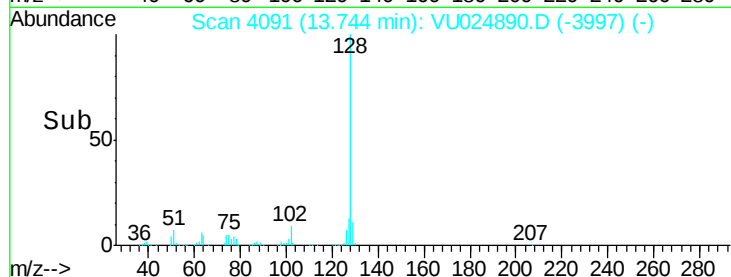
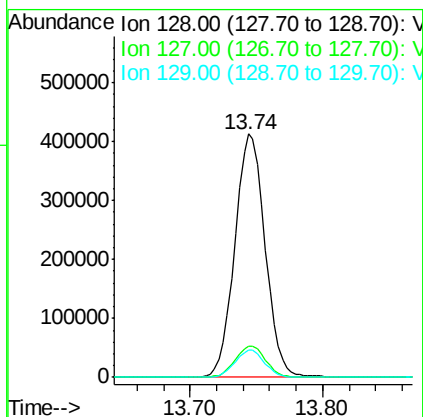
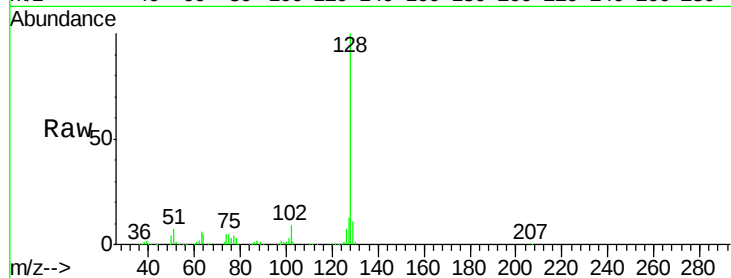
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.0	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 57.10 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024890.D

Acq: 25 Jun 2018 21:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.9	143.7
145	32.4	15.4	46.1

