

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062518\
 Data File : VU024892.D
 Acq On : 25 Jun 2018 22:36
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:20:19 AM

Quant Time: Jun 26 07:40:21 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	171048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	268587	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	255848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156920	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	135902	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	4.89	113	107782	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	7.57	98	376059	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
62) 4-Bromofluorobenzene	10.31	95	155946	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	92410	43.16	ug/l	98
3) Chloromethane	1.33	50	91999	42.06	ug/l	100
4) Vinyl Chloride	1.40	62	101938	45.19	ug/l	100
5) Bromomethane	1.61	94	60656	55.62	ug/l	96
6) Chloroethane	1.69	64	68661	54.57	ug/l	97
7) Trichlorofluoromethane	1.88	101	166527	48.37	ug/l	99
8) Diethyl Ether	2.10	74	62278	53.28	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	96268	45.08	ug/l	96
10) Methyl Iodide	2.41	142	97599	53.58	ug/l	99
11) Tert butyl alcohol	2.82	59	156377	230.26	ug/l	99
12) 1,1-Dichloroethene	2.28	96	88970	45.68	ug/l	93
13) Acrolein	2.19	56	58953	165.31	ug/l	99
14) Allyl chloride	2.59	41	156781	43.35	ug/l	98
15) Acrylonitrile	2.93	53	320201	242.33	ug/l	99
16) Acetone	2.32	43	303487	202.28	ug/l	99
17) Carbon Disulfide	2.48	76	240214	38.52	ug/l	98
18) Methyl Acetate	2.62	43	173831	54.04	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	366045	50.00	ug/l	95
20) Methylene Chloride	2.70	84	111935	47.55	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	97931	45.65	ug/l	98
22) Diisopropyl ether	3.57	45	354640	49.47	ug/l	94
23) Vinyl Acetate	3.53	43	1517018	236.24	ug/l	99
24) 1,1-Dichloroethane	3.45	63	200188	48.54	ug/l	98
25) 2-Butanone	4.26	43	471495	233.96	ug/l	96
26) 2,2-Dichloropropane	4.23	77	165682	42.31	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	120182	48.73	ug/l	98
28) Bromochloromethane	4.55	49	82961	45.67	ug/l	87
29) Tetrahydrofuran	4.64	42	296828	237.84	ug/l	97
30) Chloroform	4.68	83	212889	51.00	ug/l	100
31) Cyclohexane	5.00	56	174268	47.49	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	191051	49.50	ug/l	97
36) 1,1-Dichloropropene	5.14	75	146792	46.51	ug/l	98
37) Ethyl Acetate	4.38	43	173088	50.32	ug/l	97
38) Carbon Tetrachloride	5.14	117	168076	48.43	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	178386	45.29	ug/l	94
40) Benzene	5.39	78	433378	48.19	ug/l	99
41) Methacrylonitrile	4.54	41	98183	52.94	ug/l	99
42) 1,2-Dichloroethane	5.41	62	177871	51.93	ug/l	99
43) Isopropyl Acetate	5.55	43	281991	47.42	ug/l	99
44) Trichloroethene	6.19	130	120122	46.93	ug/l	96
45) 1,2-Dichloropropane	6.44	63	119301	49.72	ug/l	98
46) Dibromomethane	6.56	93	83811	49.72	ug/l	93
47) Bromodichloromethane	6.76	83	167087	49.78	ug/l	100
48) Methyl methacrylate	6.62	41	143997	49.73	ug/l	98
49) 1,4-Dioxane	6.62	88	67950	1200.05	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	924371	247.45	ug/l	98
52) Toluene	7.64	92	285395	49.33	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	177531	47.10	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	186437	46.42	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	119693	50.89	ug/l	99
56) Ethyl methacrylate	8.02	69	193004	49.03	ug/l	98
57) 1,3-Dichloropropane	8.25	76	201985	50.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	53735	35.63	ug/l	97
59) 2-Hexanone	8.36	43	737598	241.85	ug/l	99
60) Dibromochloromethane	8.48	129	139564	47.59	ug/l	100
61) 1,2-Dibromoethane	8.59	107	129194	49.35	ug/l	99
64) Tetrachloroethene	8.23	164	113273	46.58	ug/l	99
65) Chlorobenzene	9.12	112	324276	49.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	125680	50.61	ug/l	98
67) Ethyl Benzene	9.25	91	564503	49.27	ug/l	99
68) m/p-Xylenes	9.38	106	435740	99.03	ug/l	98
69) o-Xylene	9.78	106	219438	50.39	ug/l	97
70) Styrene	9.80	104	360029	50.31	ug/l	99
71) Bromoform	9.96	173	111228	47.13	ug/l #	97
73) Isopropylbenzene	10.17	105	596506	49.51	ug/l	99
74) N-amyl acetate	10.01	43	268170	46.80	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	201681	49.96	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	184071m	53.28	ug/l	
77) Bromobenzene	10.45	156	151023	49.52	ug/l	96
78) n-propylbenzene	10.59	91	672959	47.42	ug/l	98
79) 2-Chlorotoluene	10.66	91	407745	48.72	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	515436	49.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	64308m	43.08	ug/l	
82) 4-Chlorotoluene	10.78	91	470829	48.33	ug/l	100
83) tert-Butylbenzene	11.10	119	510967	50.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	523456	49.19	ug/l	100
85) sec-Butylbenzene	11.33	105	624581	49.68	ug/l	98
86) p-Isopropyltoluene	11.48	119	547949	48.66	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	278790	49.48	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	279384	49.26	ug/l	99
89) n-Butylbenzene	11.89	91	457241	45.74	ug/l	97
90) Hexachloroethane	12.15	117	100102	45.57	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	292837	51.88	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	55976	50.25	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	191667	54.99	ug/l	99
94) Hexachlorobutadiene	13.70	225	98888	50.41	ug/l	99
95) Naphthalene	13.74	128	632329	54.74	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	201435	58.00	ug/l	98

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

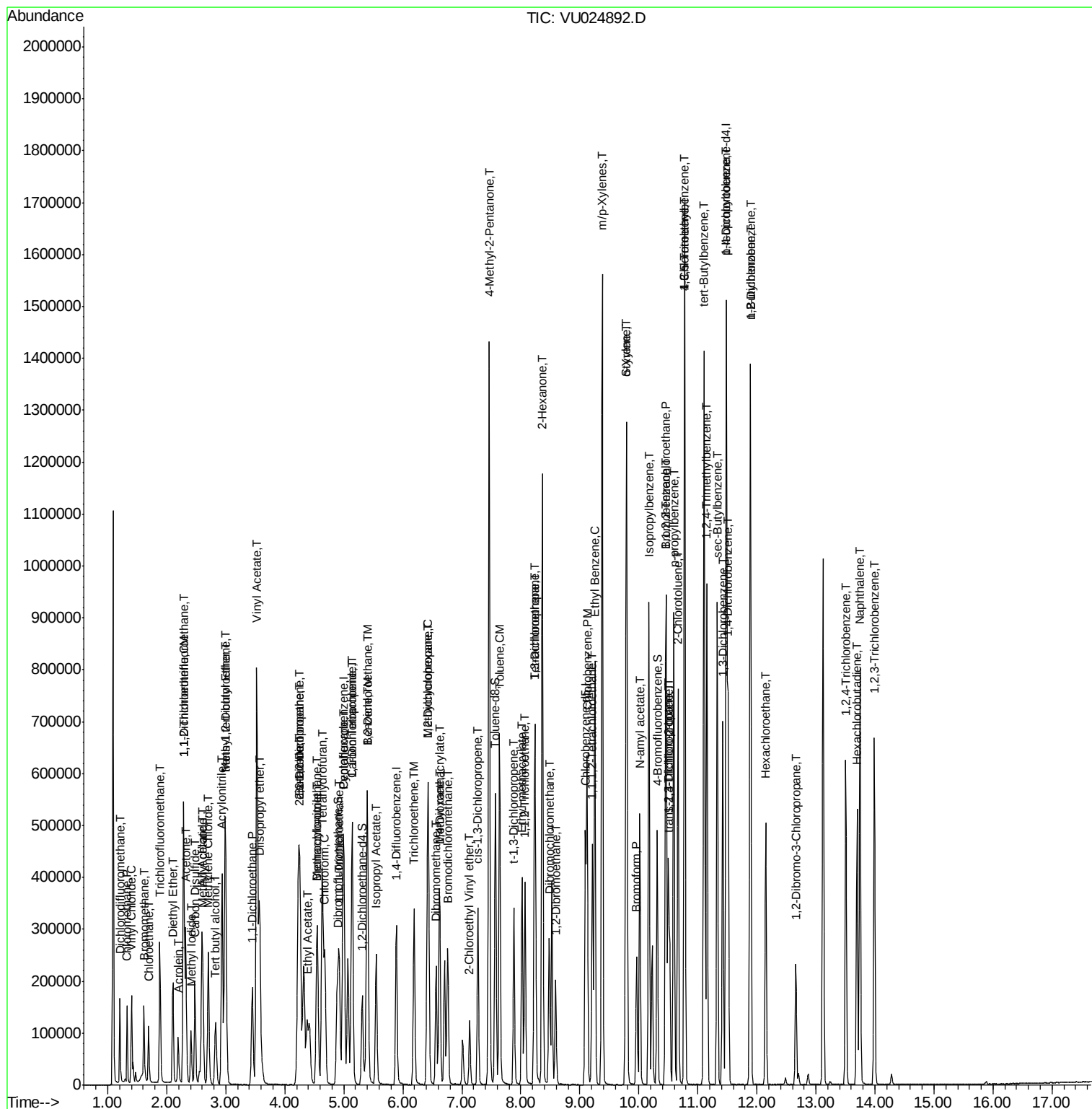
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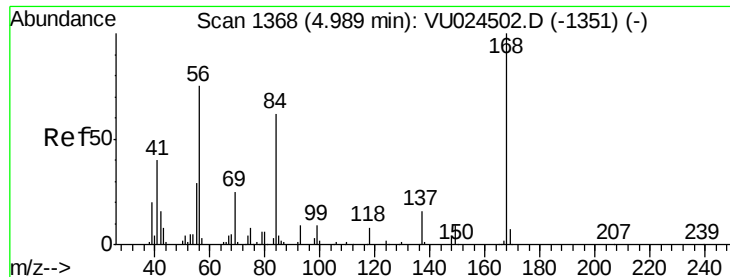
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 171048

Ion Ratio Lower Upper

168 100

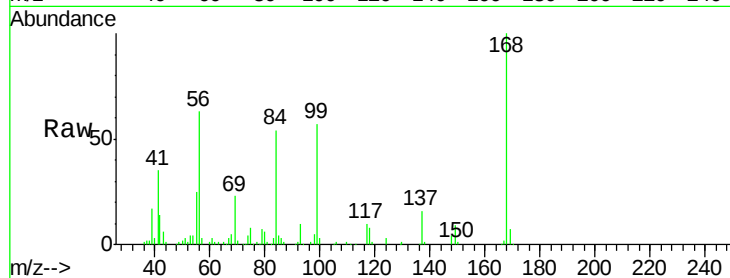
99 56.2 43.2 64.8

Manual Integrations

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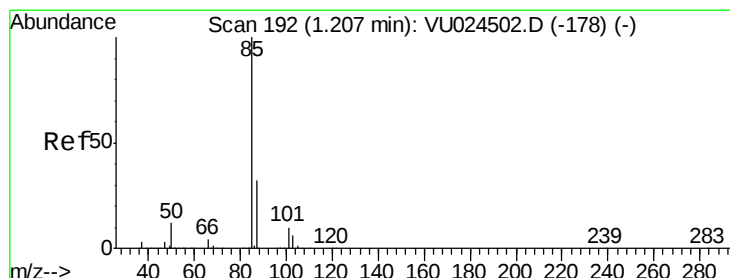
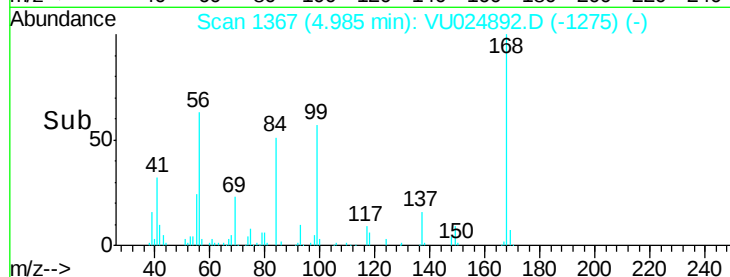
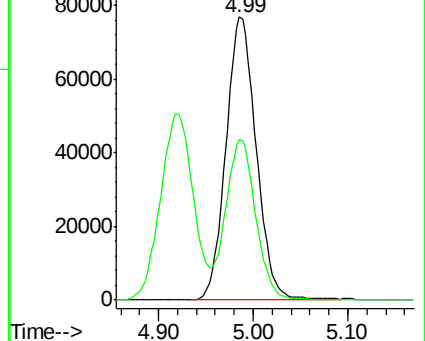
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 43.16 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024892.D

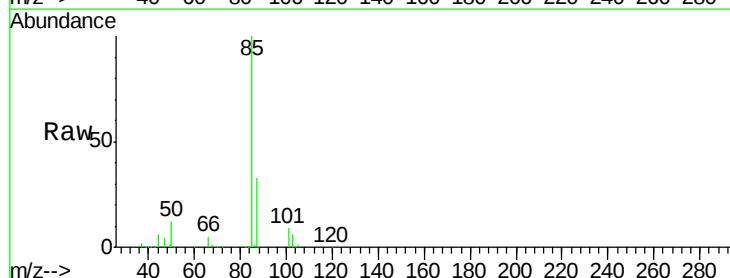
Acq: 25 Jun 2018 22:36

Tgt Ion: 85 Resp: 92410

Ion Ratio Lower Upper

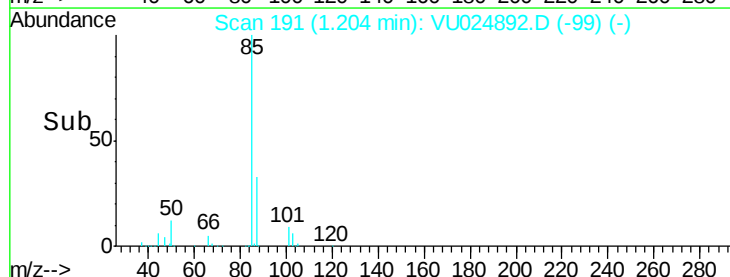
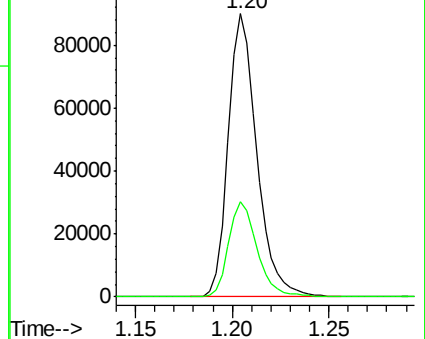
85 100

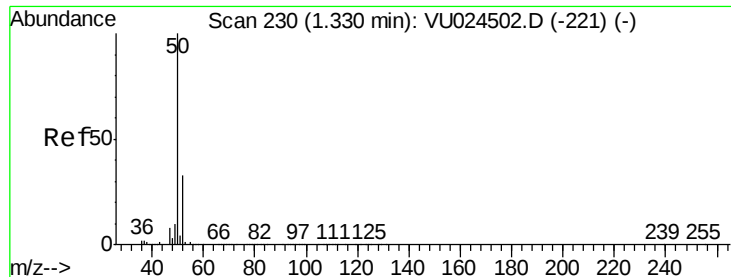
87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 42.06 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 91999

Ion Ratio Lower Upper

50 100

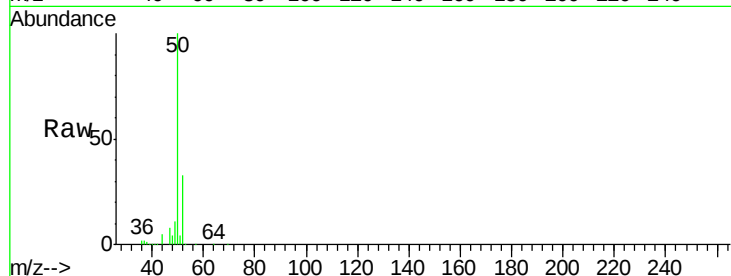
52 32.9 26.4 39.6

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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

100000

80000

60000

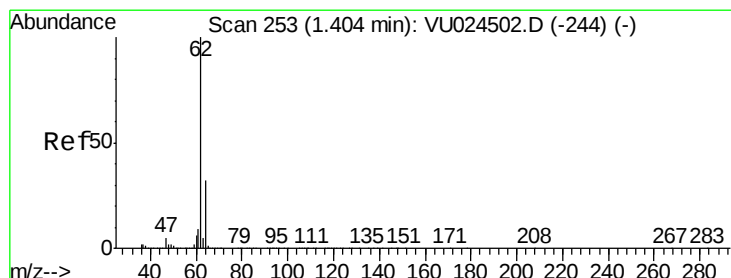
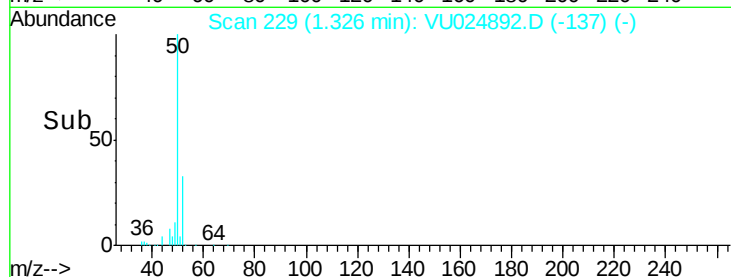
40000

20000

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Time-->

1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 45.19 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024892.D

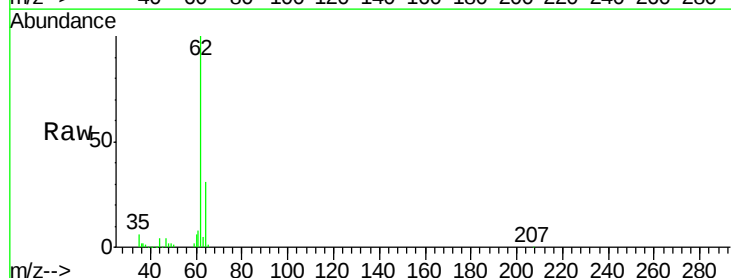
Acq: 25 Jun 2018 22:36

Tgt Ion: 62 Resp: 101938

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

100000

80000

60000

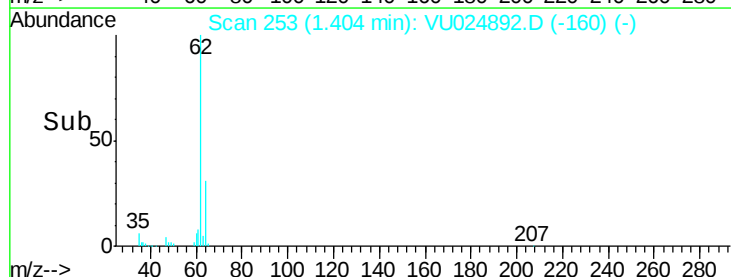
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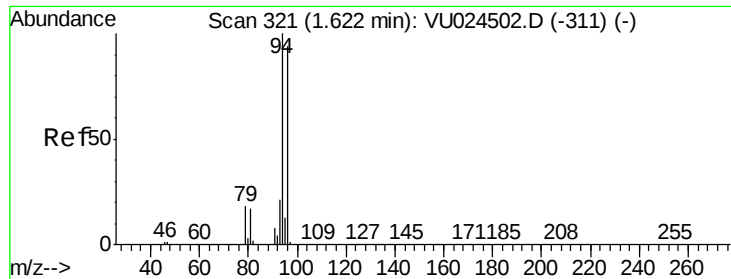
20000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 55.62 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

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Tot Ion: 94 Resp: 60656

Ion Ratio Lower Upper

94 100

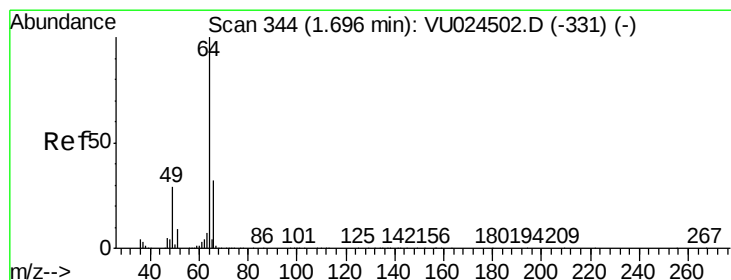
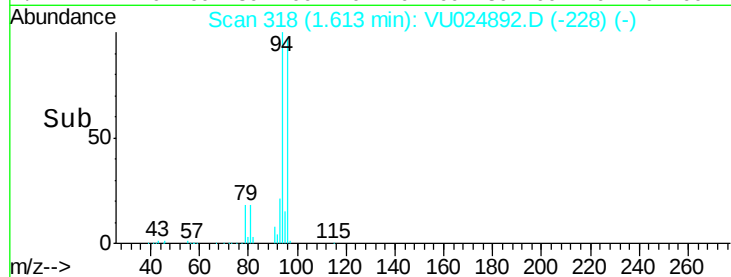
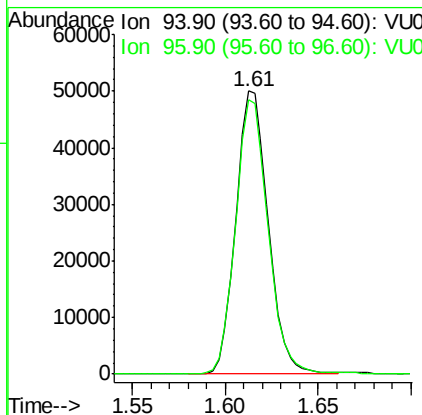
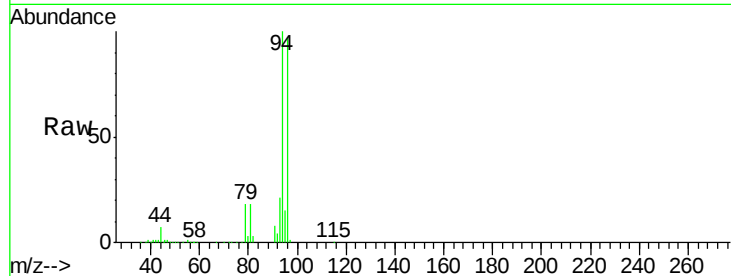
96 97.0 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 54.57 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024892.D

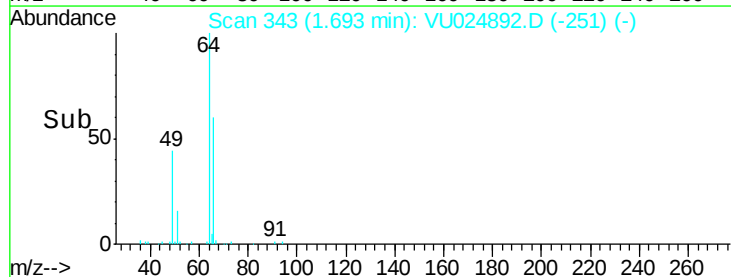
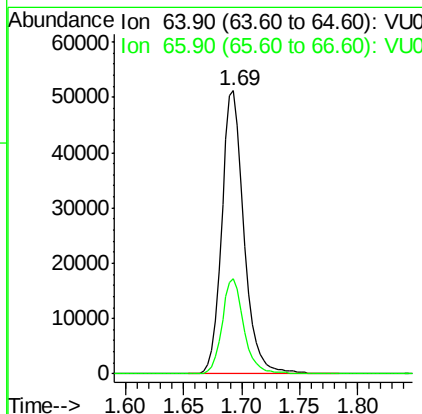
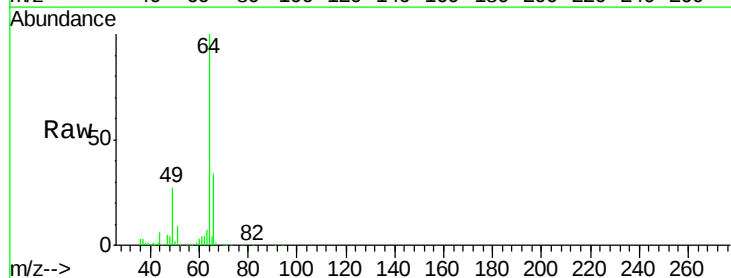
Acq: 25 Jun 2018 22:36

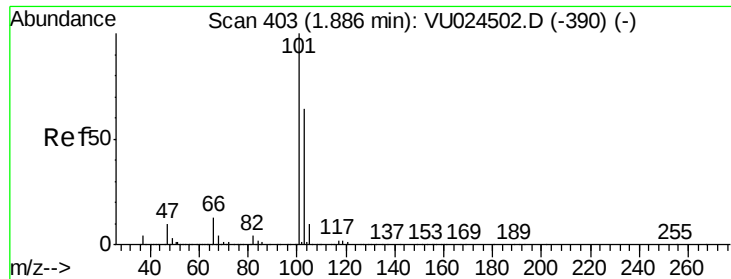
Tgt Ion: 64 Resp: 68661

Ion Ratio Lower Upper

64 100

66 33.7 25.5 38.3





#7

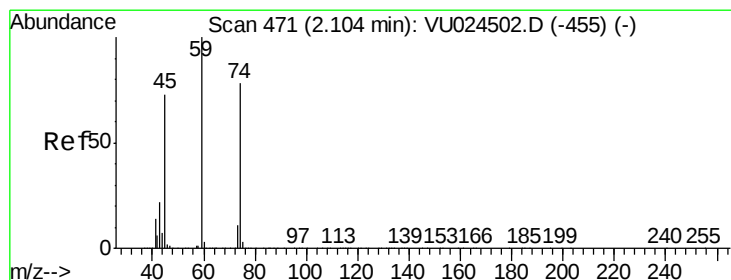
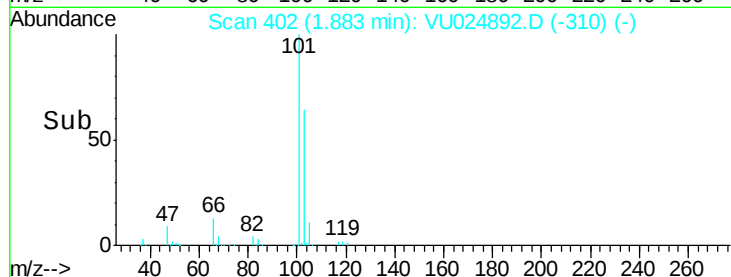
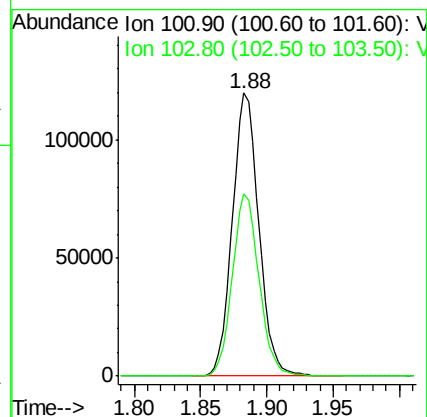
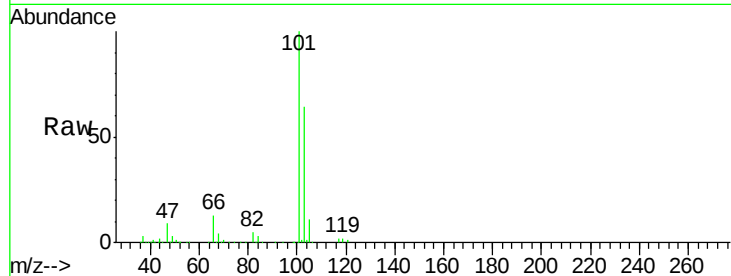
Trichlorofluoromethane
Concen: 48.37 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU024892.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.3	78.5

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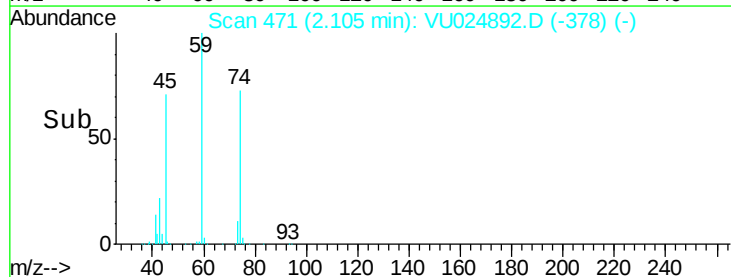
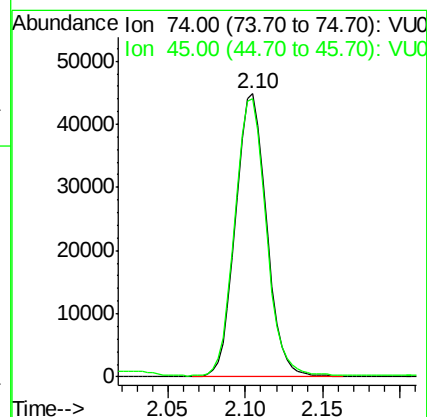
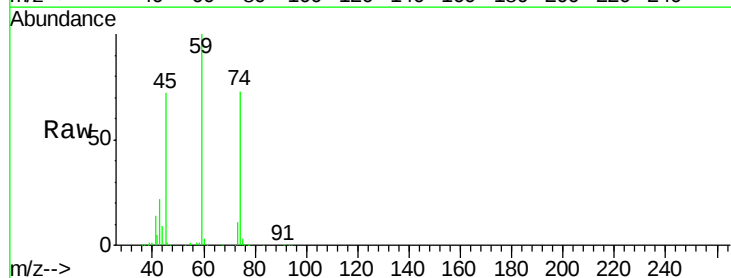
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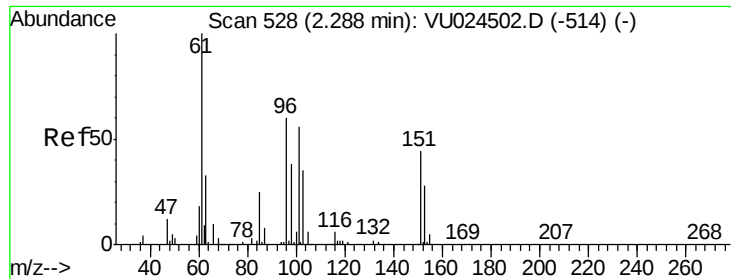


#8

Diethyl Ether
Concen: 53.28 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024892.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.08 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

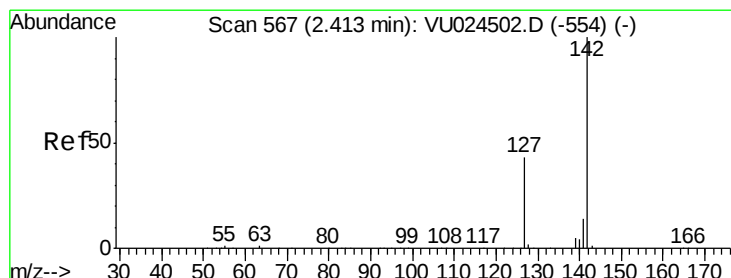
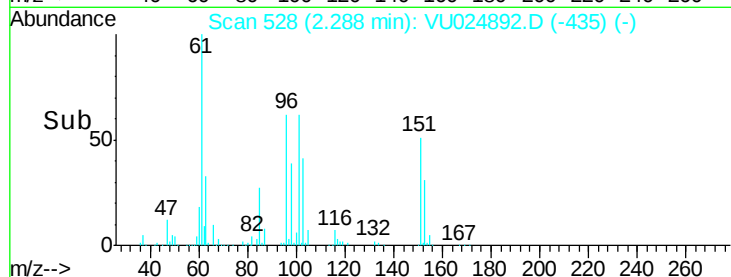
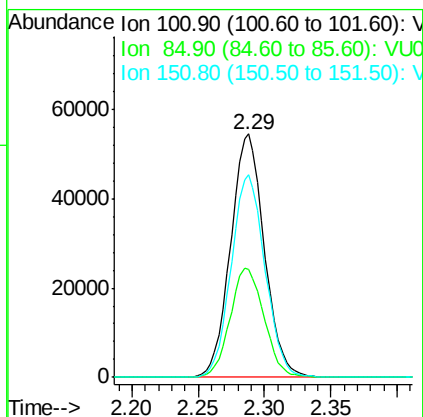
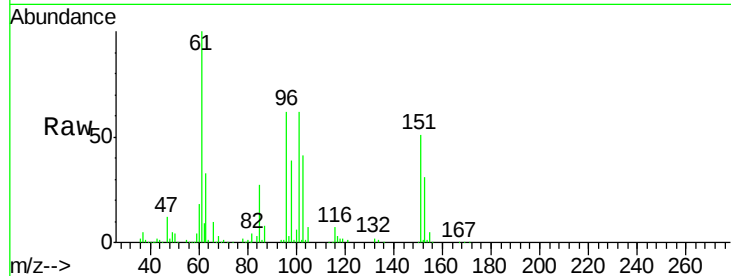
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	96268
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	83.7	62.3	93.5

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#10

Methyl Iodide

Concen: 53.58 ug/l

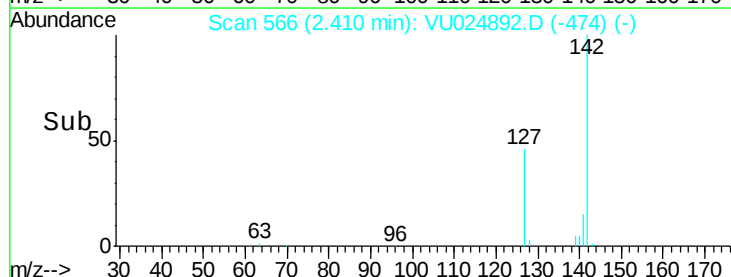
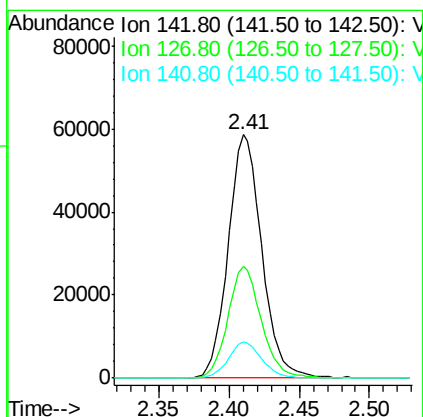
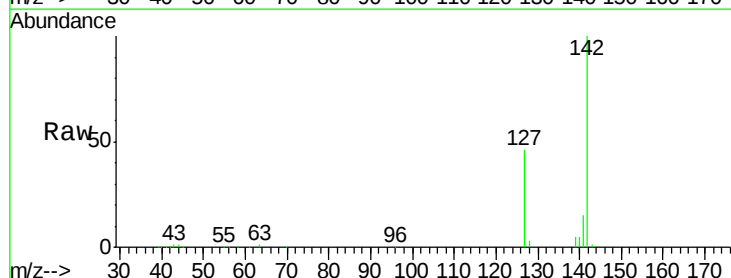
RT: 2.41 min Scan# 566

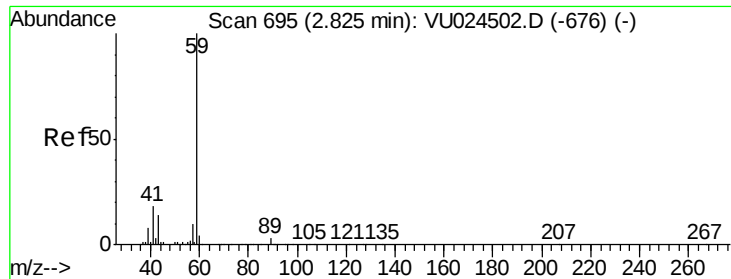
Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Tgt Ion:	142	Resp:	97599
Ion Ratio	Lower	Upper	
142	100		
127	45.5	35.6	53.4
141	14.9	11.7	17.5





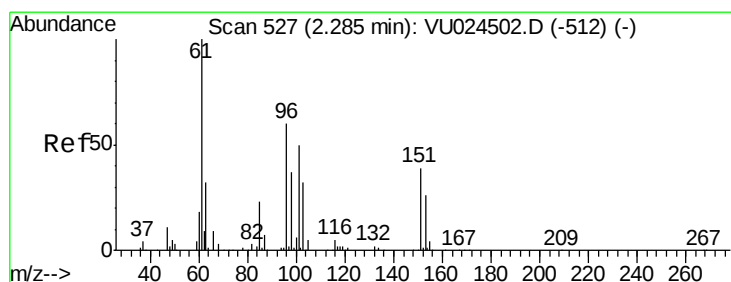
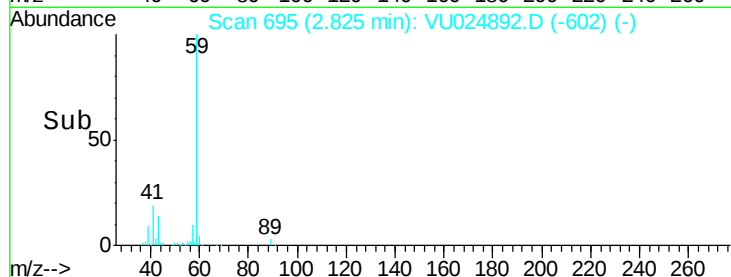
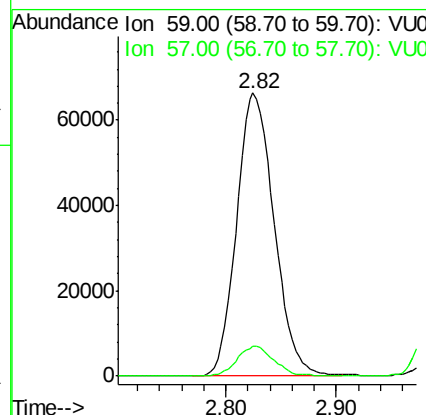
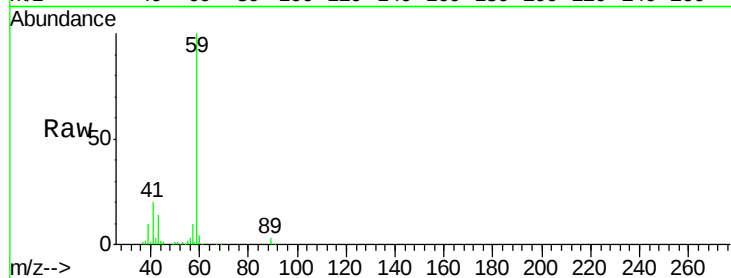
#11
Tert butyl alcohol
Concen: 230.26 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

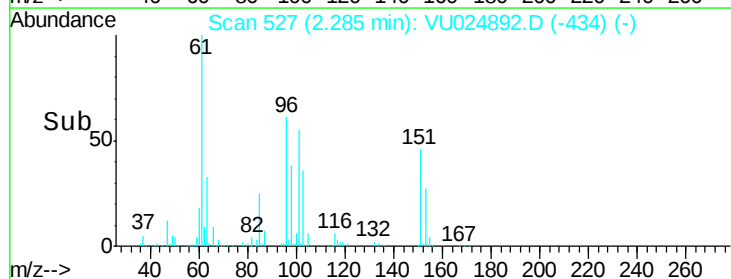
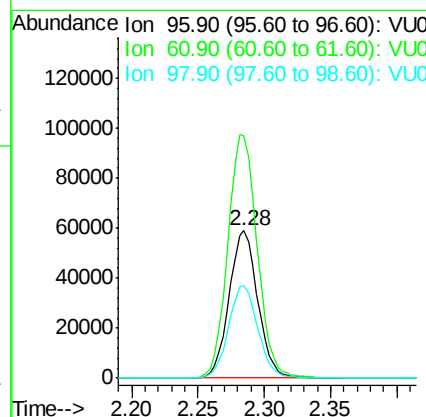
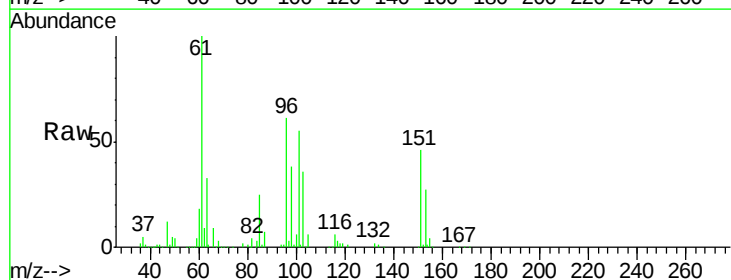
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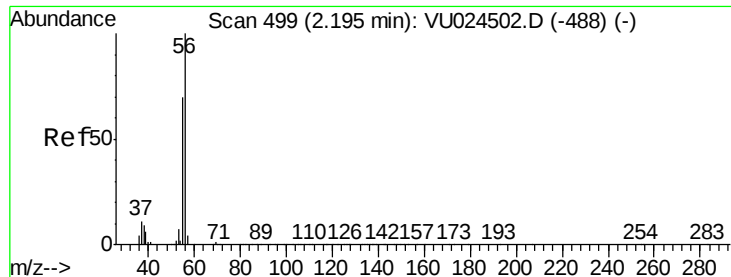
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#12
1,1-Dichloroethene
Concen: 45.68 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.4	141.7	212.5
98	62.7	51.6	77.4





#13

Acrolein

Concen: 165.31 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 58953

Ion Ratio Lower Upper

56 100

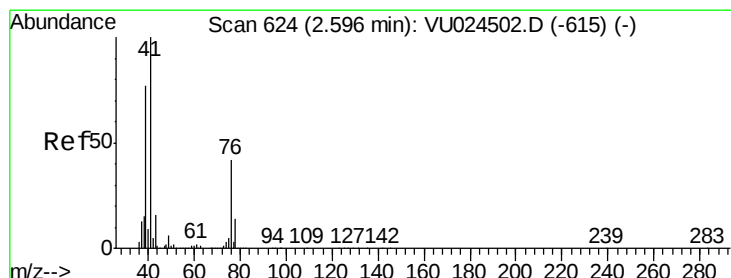
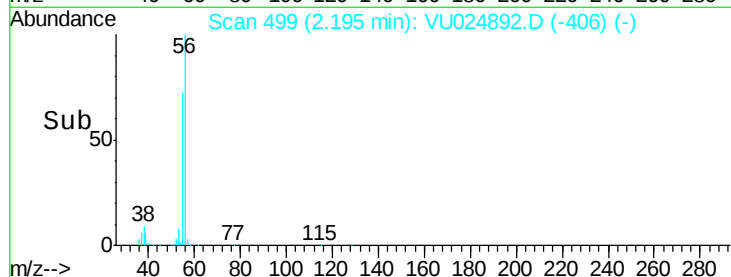
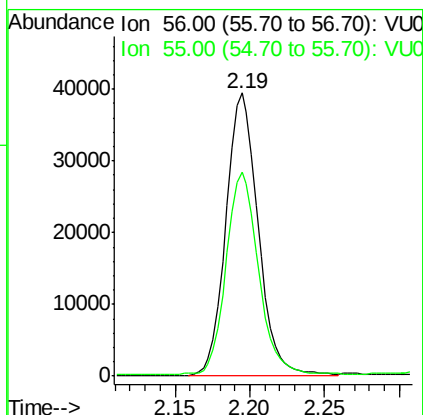
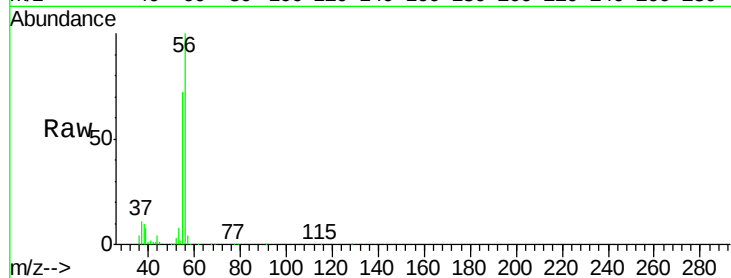
55 72.4 58.4 87.6

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#14

Allyl chloride

Concen: 43.35 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

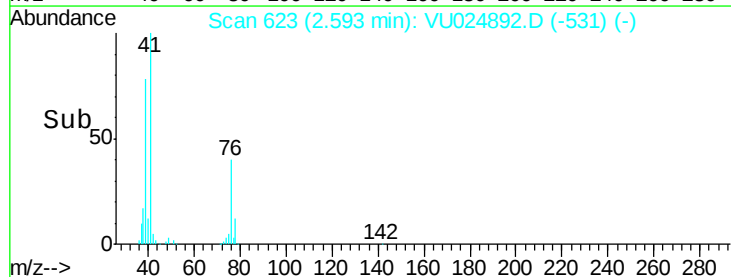
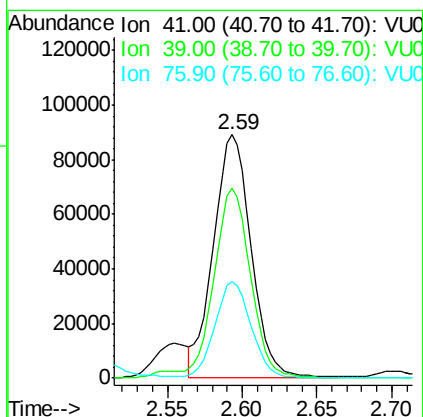
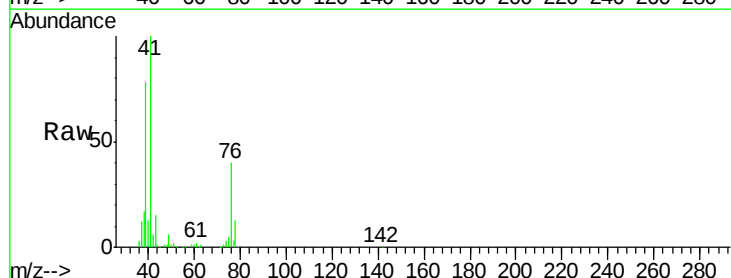
Tgt Ion: 41 Resp: 156781

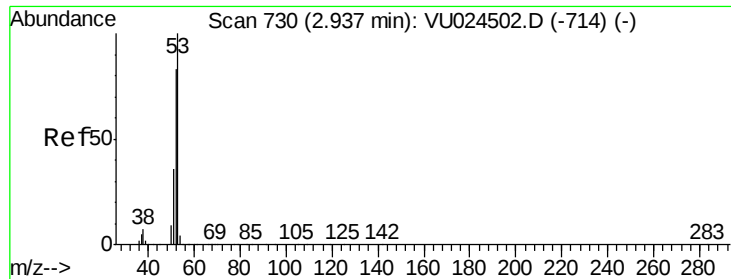
Ion Ratio Lower Upper

41 100

39 74.5 61.6 92.4

76 37.8 29.7 44.5





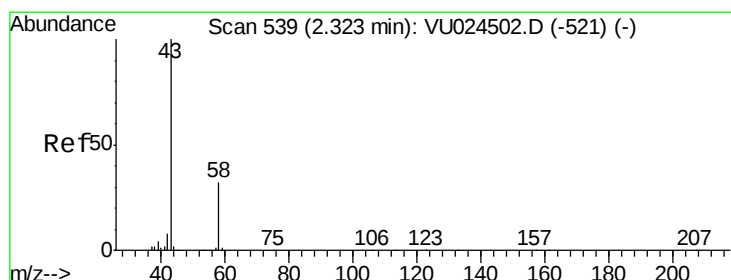
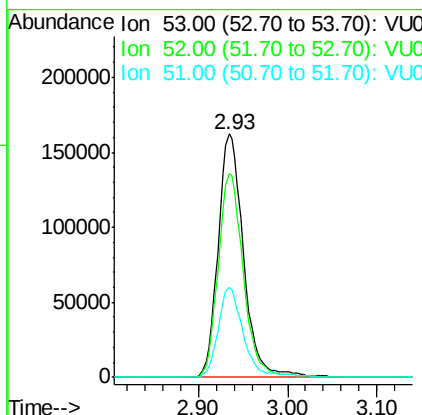
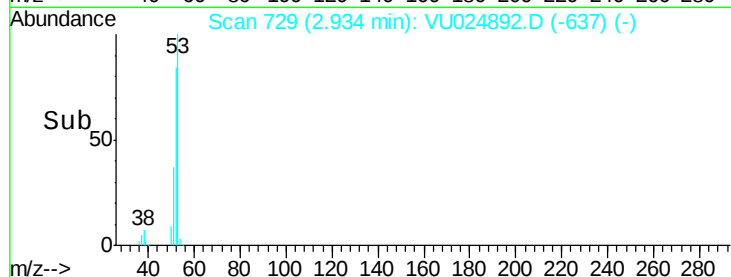
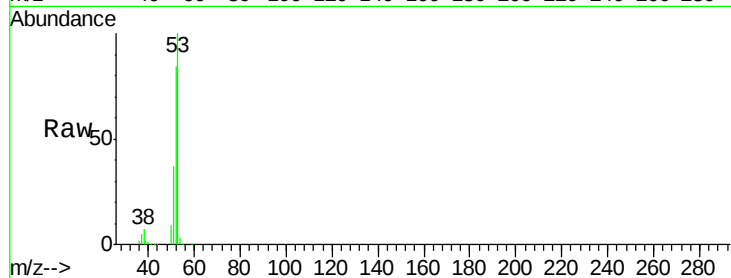
#15
 Acrylonitrile
 Concen: 242.33 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	320201
Ion Ratio	Lower	Upper	
53	100		
52	83.0	67.1	100.7
51	36.9	28.4	42.6

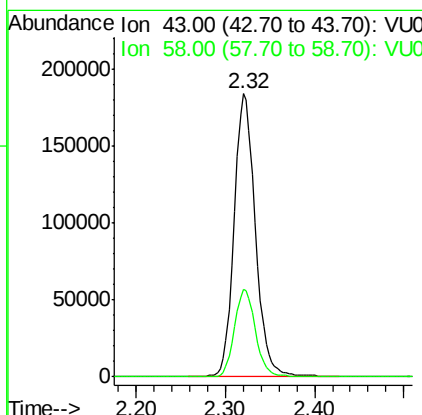
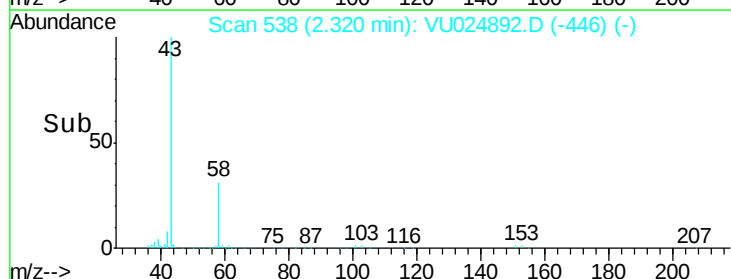
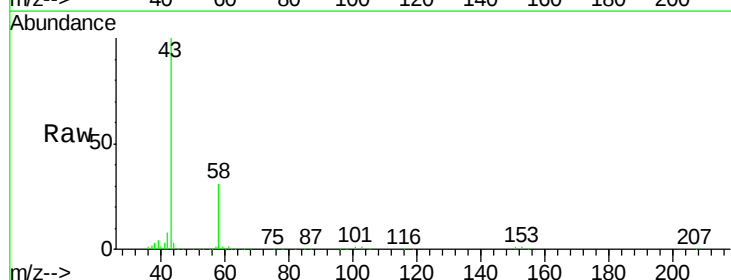
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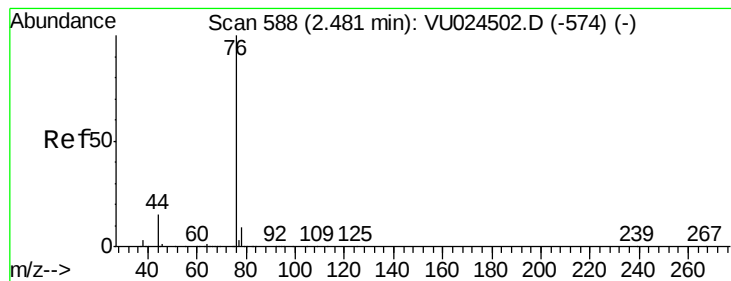
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#16
 Acetone
 Concen: 202.28 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion:	43	Resp:	303487
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.4	36.6





#17

Carbon Disulfide

Concen: 38.52 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 240214

Ion Ratio Lower Upper

76 100

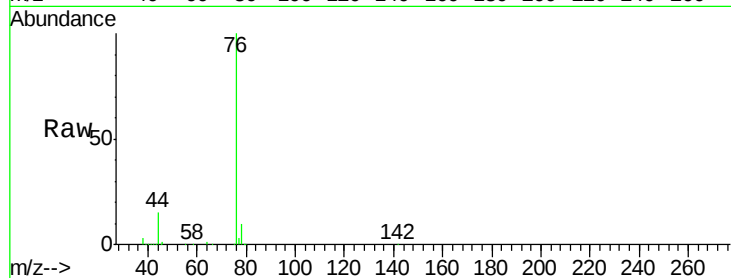
78 9.6 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

150000

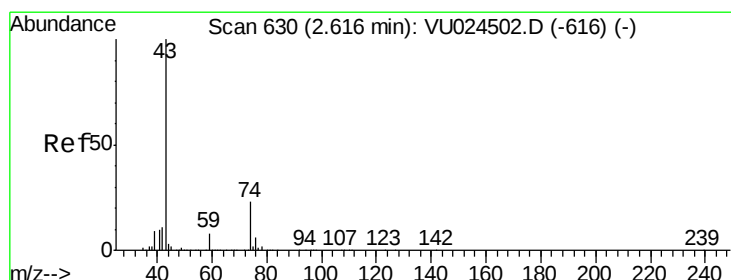
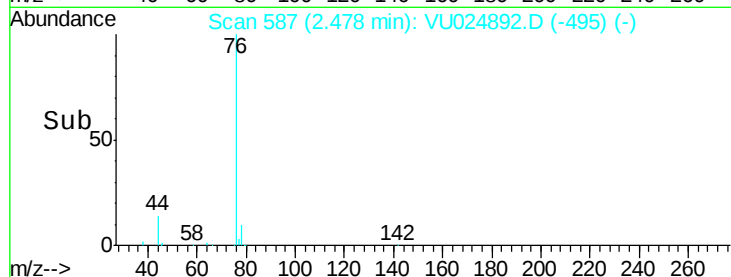
100000

50000

0

2.40 2.45 2.50 2.55

Time-->



#18

Methyl Acetate

Concen: 54.04 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024892.D

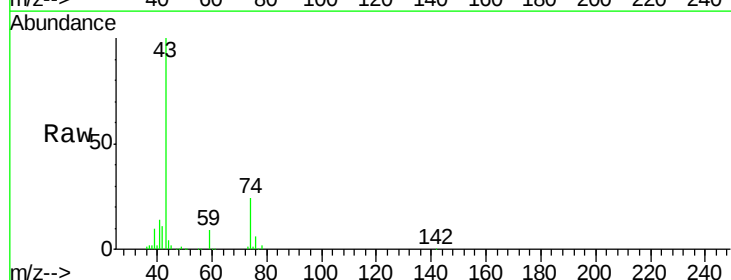
Acq: 25 Jun 2018 22:36

Tgt Ion: 43 Resp: 173831

Ion Ratio Lower Upper

43 100

74 23.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

120000

100000

80000

60000

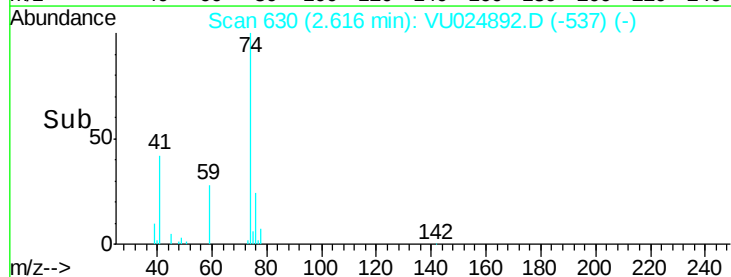
40000

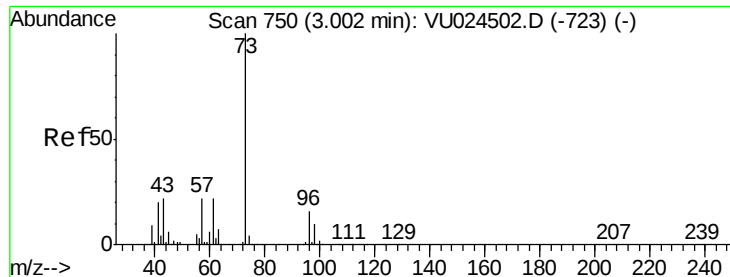
20000

0

2.50 2.60 2.70

Time-->





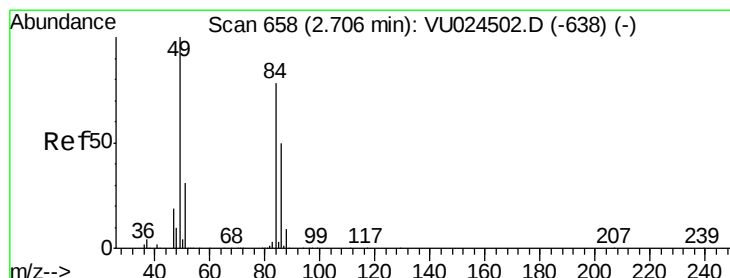
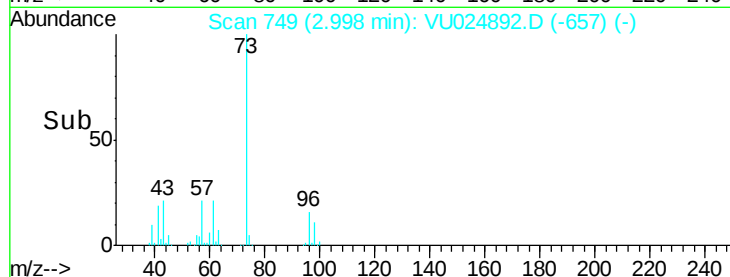
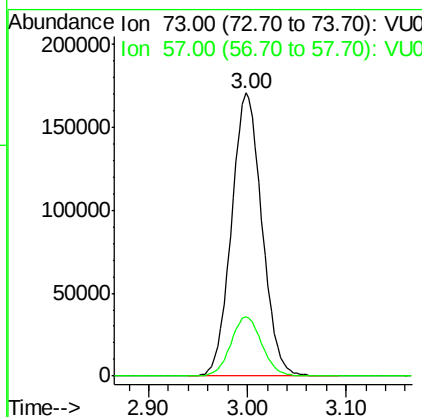
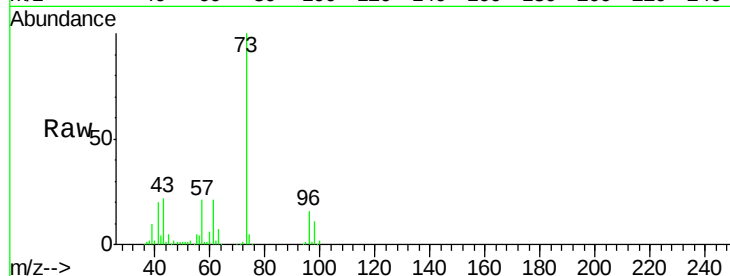
#19
Methvl tert-butvl Ether
Concen: 50.00 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.8	28.2

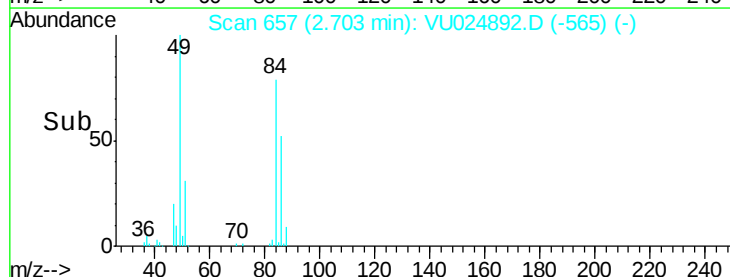
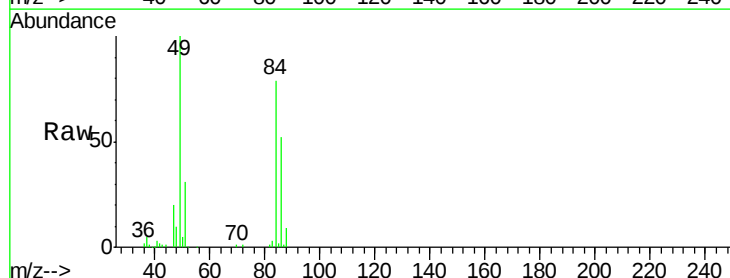
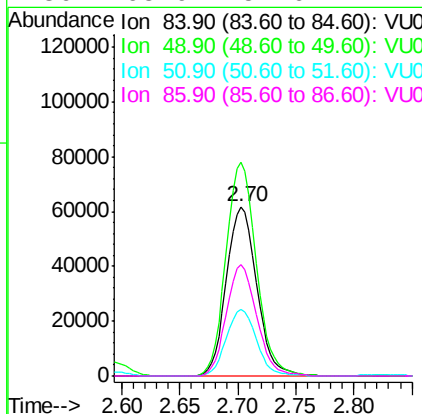
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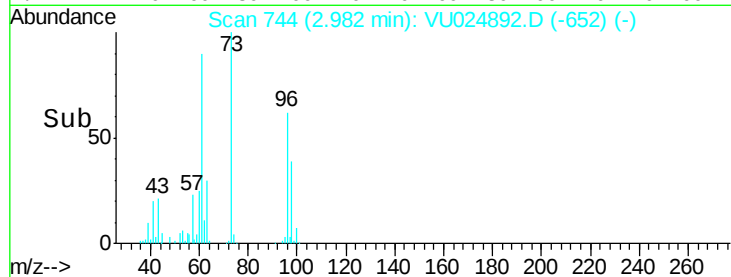
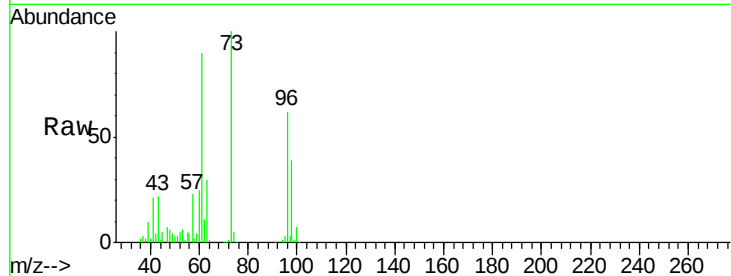
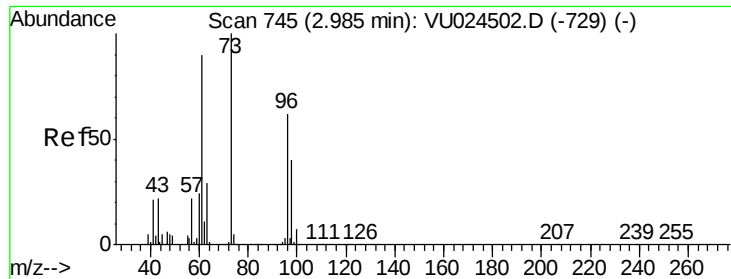
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#20
Methylene Chloride
Concen: 47.55 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.3	103.8	155.8
51	39.2	32.0	48.0
86	65.9	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 45.65 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU024892.D

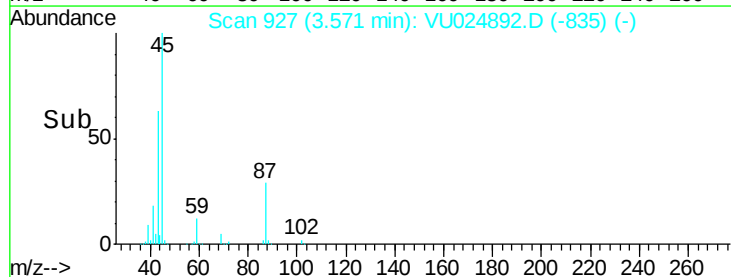
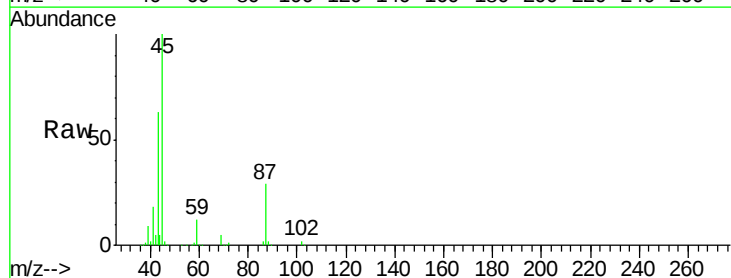
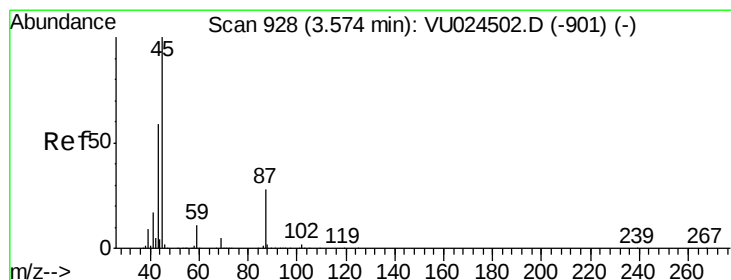
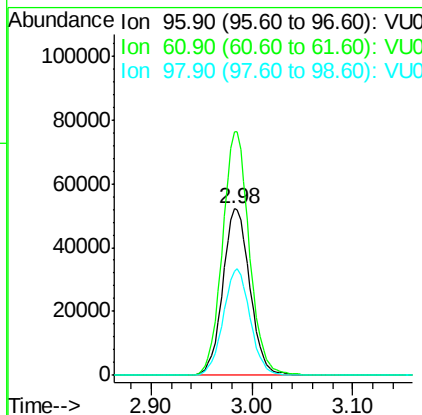
Acq: 25 Jun 2018 22:36

Tot Ion:	96	Resp:	97931
Ion	Ratio	Lower	Upper
96	100		
61	146.5	119.4	179.0
98	62.9	51.1	76.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 49.47 ug/l

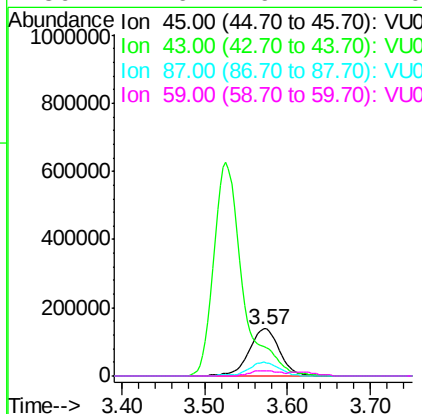
RT: 3.57 min Scan# 927

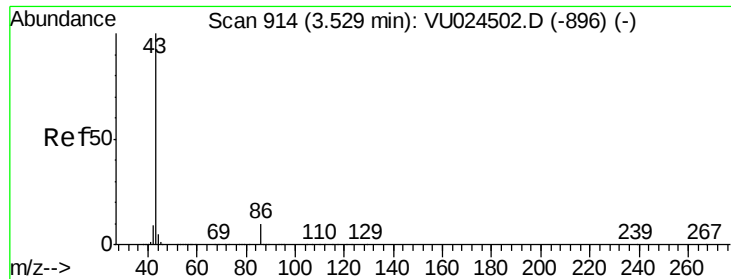
Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Tgt Ion:	45	Resp:	354640
Ion	Ratio	Lower	Upper
45	100		
43	62.2	45.8	68.6
87	28.8	20.6	31.0
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 236.24 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1517018

Ion Ratio Lower Upper

43 100

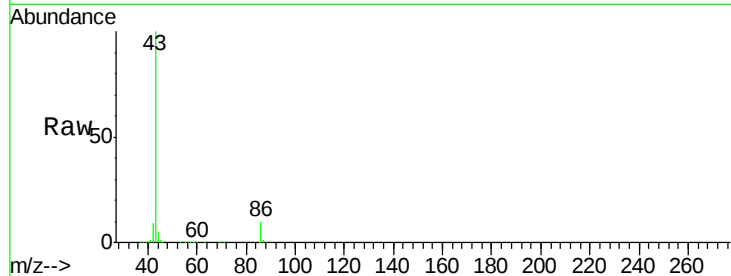
86 10.2 7.8 11.8

Manual Integrations

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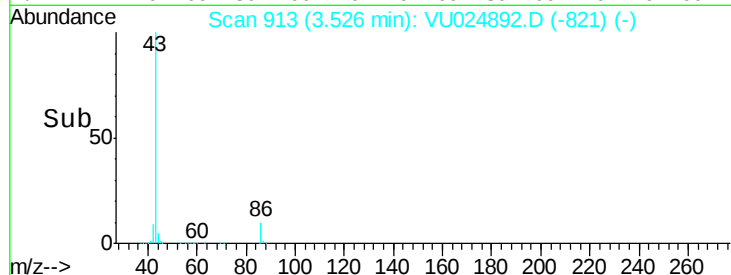
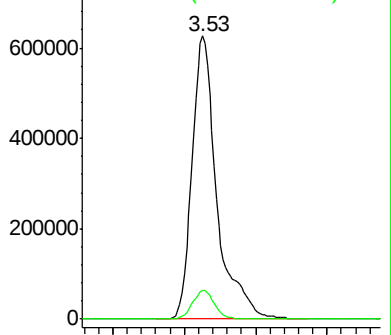
apatel

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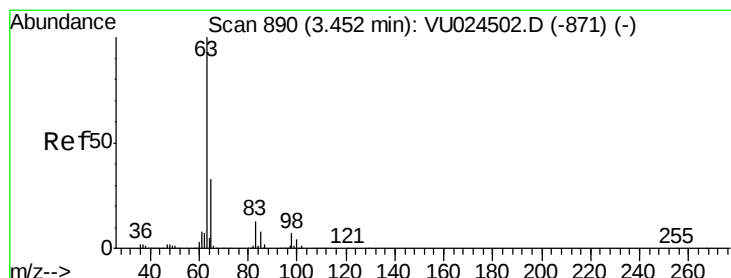


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 48.54 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

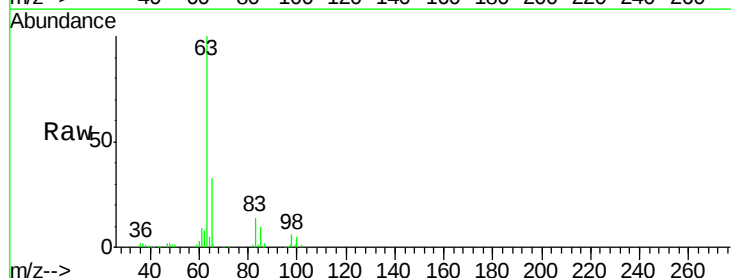
Tgt Ion: 63 Resp: 200188

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

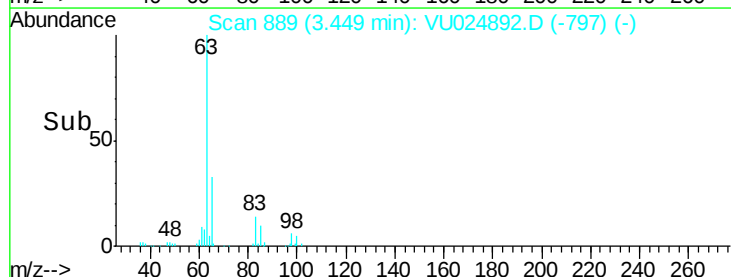
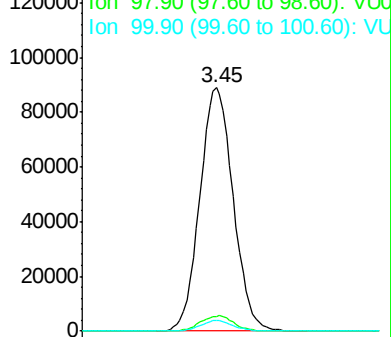
100 4.5 1.8 5.5



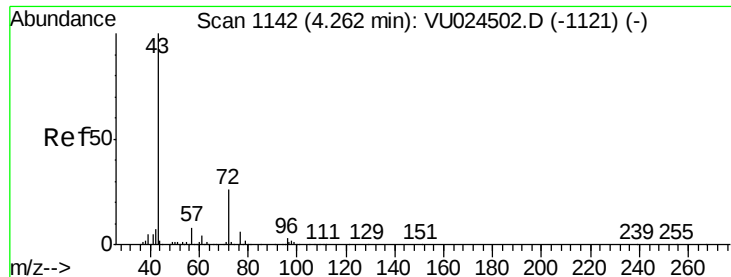
Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->



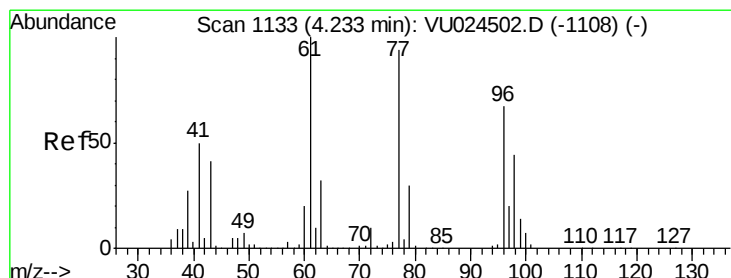
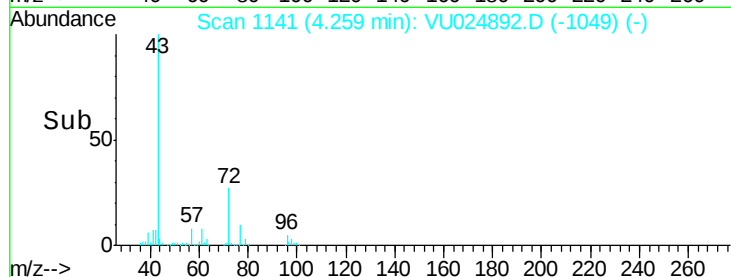
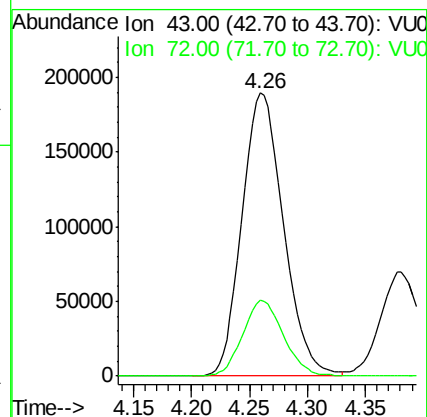
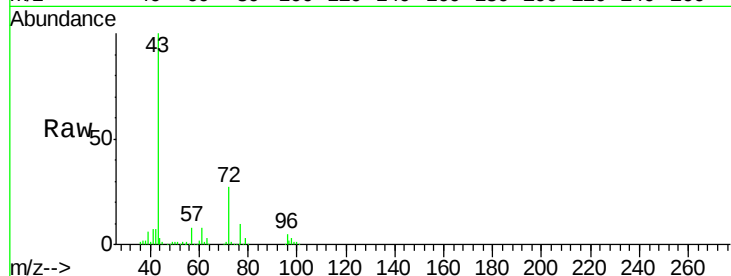
#25
2-Butanone
Concen: 233.96 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 471495
Ion Ratio Lower Upper
43 100
72 26.6 19.6 29.4

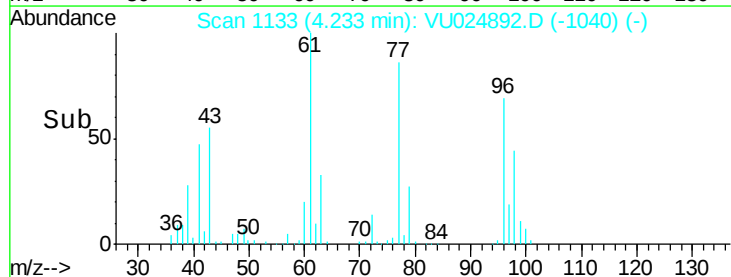
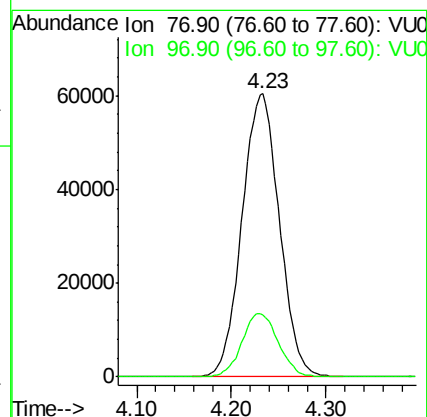
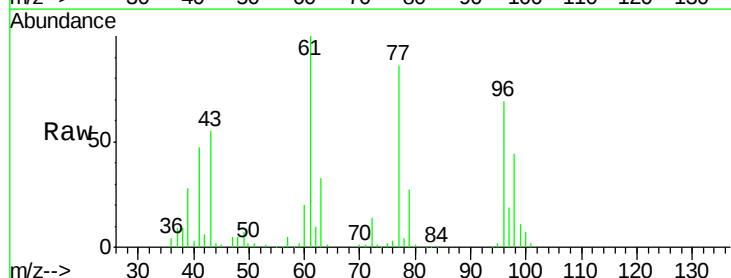
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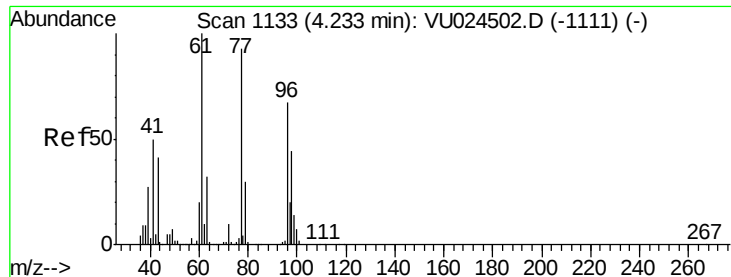
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#26
2,2-Dichloropropane
Concen: 42.31 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 77 Resp: 165682
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.8





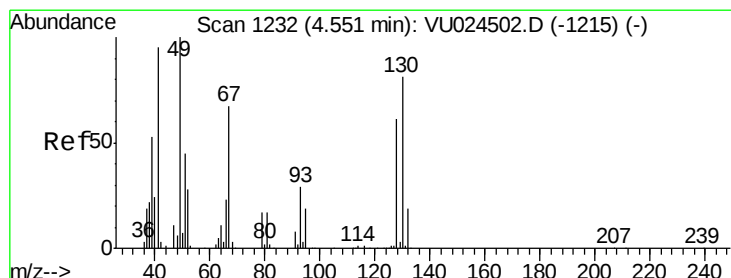
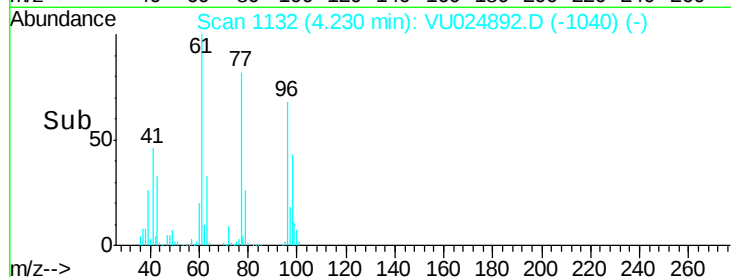
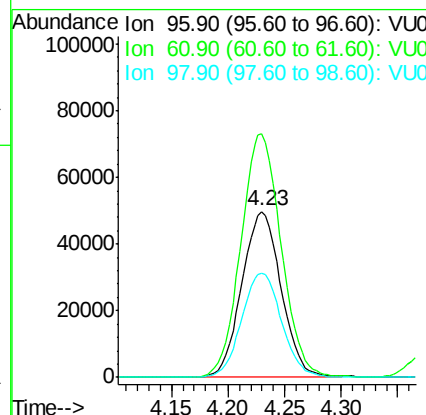
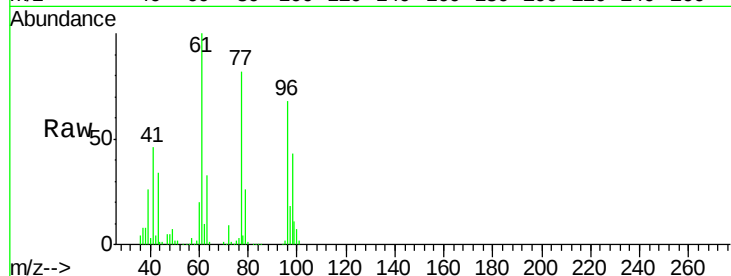
#27
 cis-1,2-Dichloroethene
 Concen: 48.73 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	306.6
98	64.2	0.0	128.8

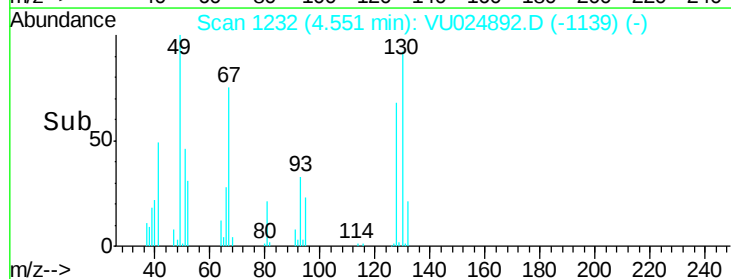
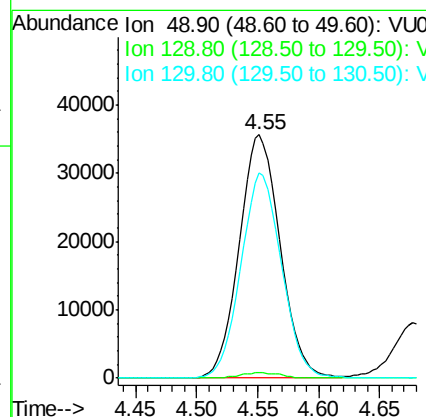
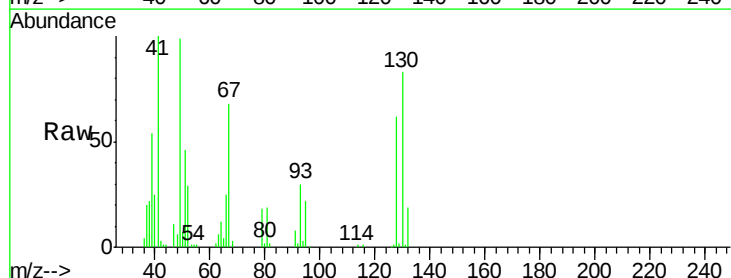
Manual Integrations
 APPROVED

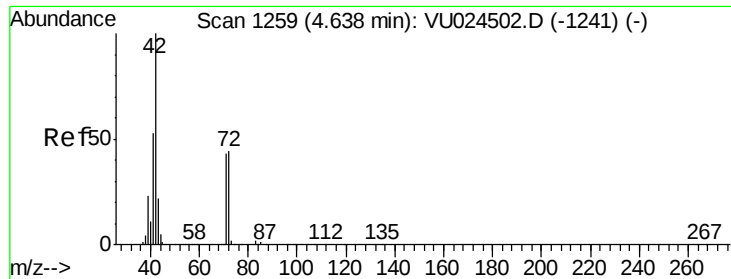
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#28
 Bromochloromethane
 Concen: 45.67 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	83.5	57.8	86.6





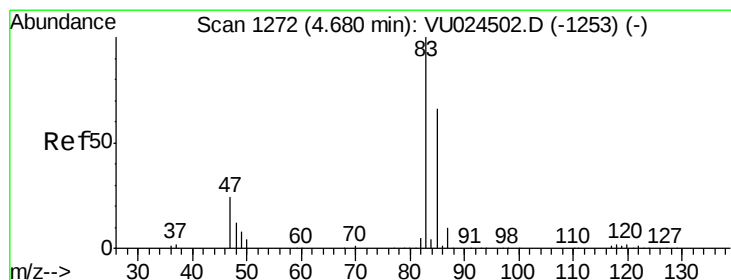
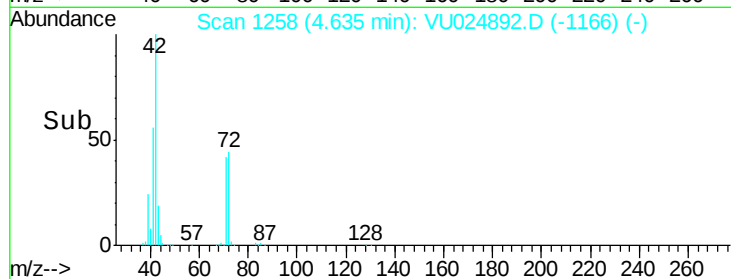
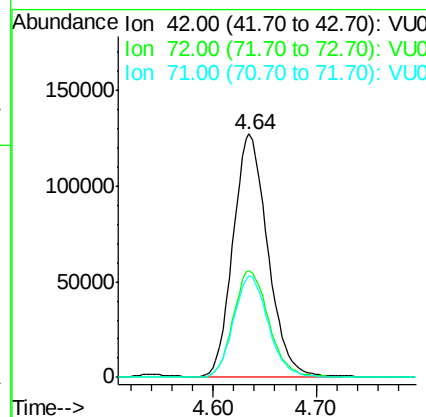
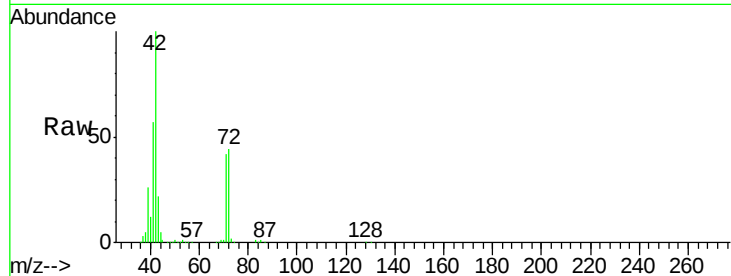
#29
Tetrahydrofuran
Concen: 237.84 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.5	51.7
71	41.9	32.2	48.4

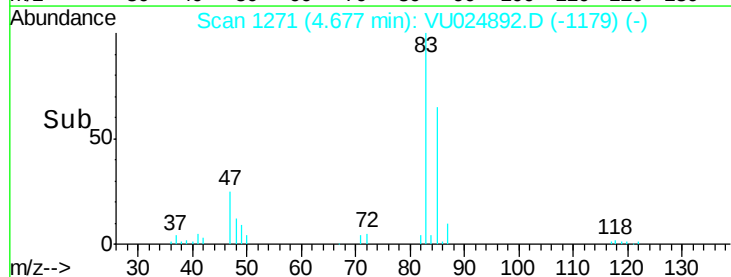
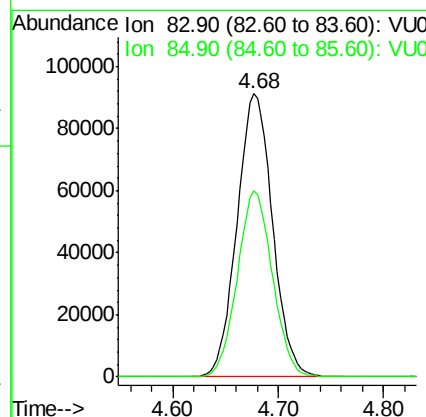
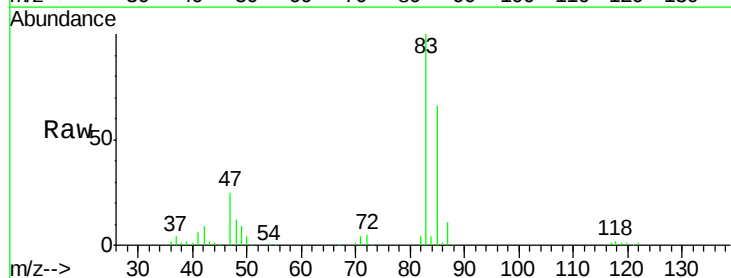
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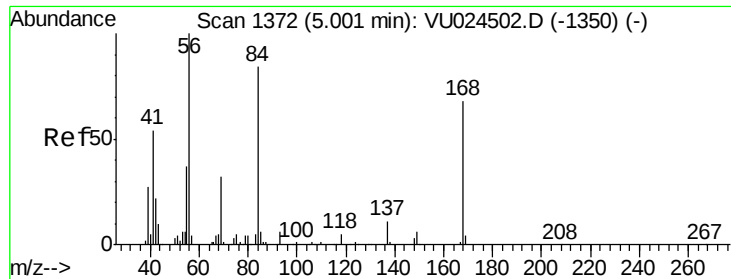
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#30
Chloroform
Concen: 51.00 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.4	78.6





#31

Cyclohexane

Concen: 47.49 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

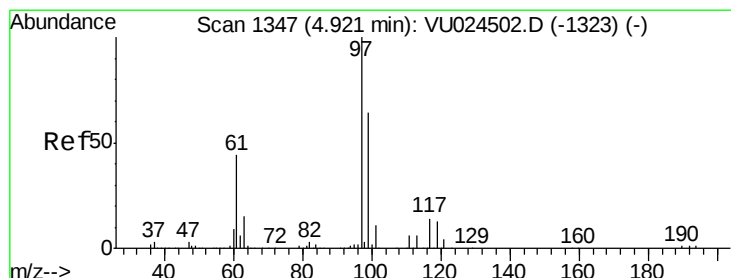
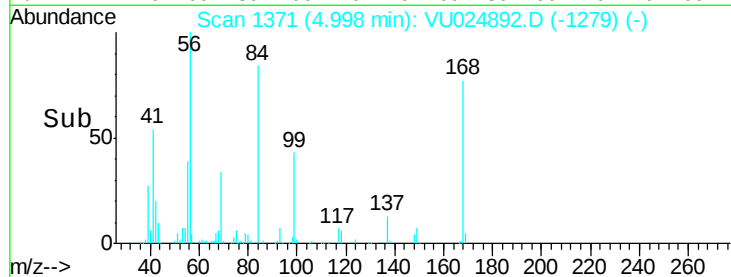
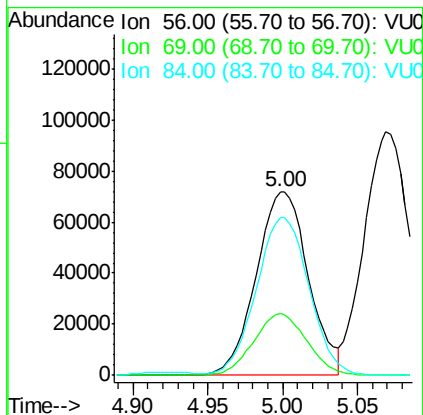
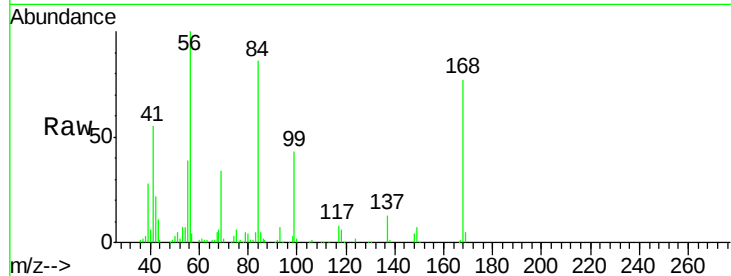
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	174268
Ion	Ratio	Lower	Upper
56	100		
69	34.0	24.8	37.2
84	84.2	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 49.50 ug/l

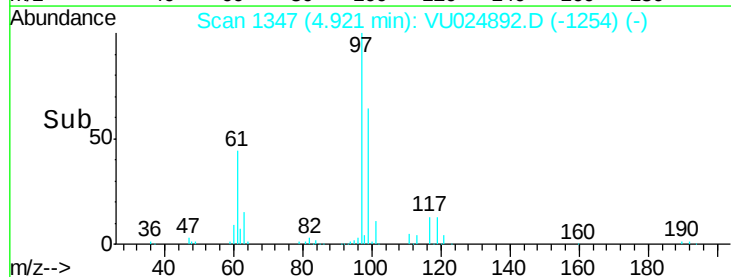
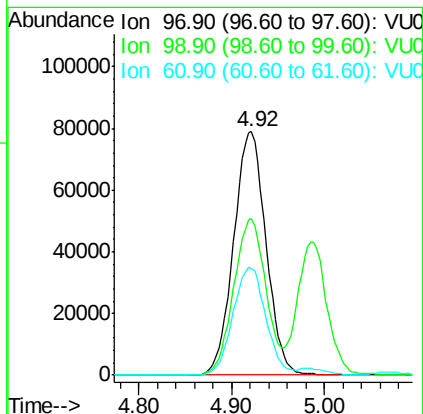
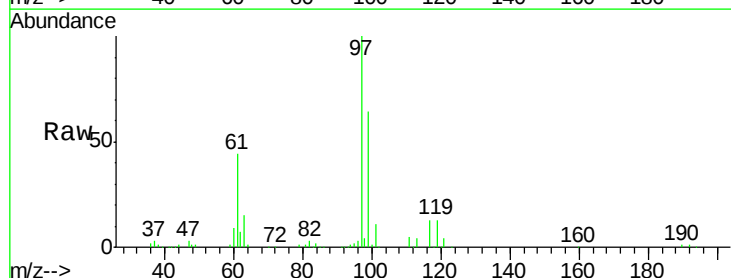
RT: 4.92 min Scan# 1347

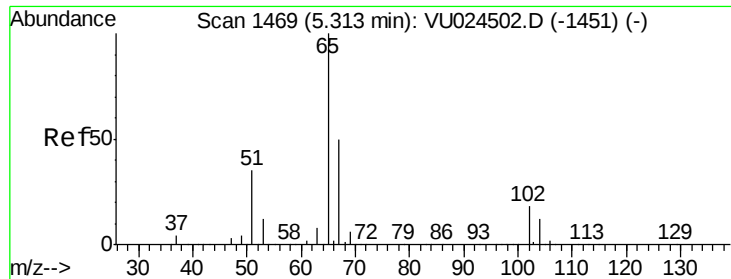
Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Tgt Ion:	97	Resp:	191051
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	45.0	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 48.67 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 135902

Ion Ratio Lower Upper

65 100

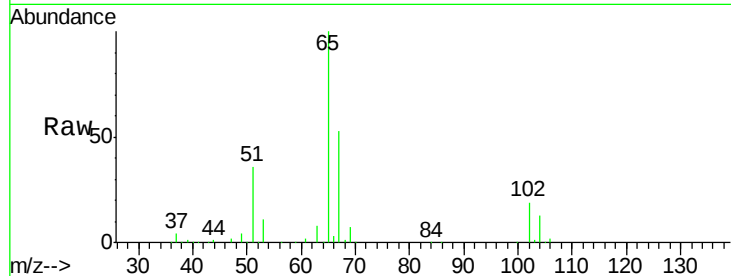
67 52.0 0.0 107.0

Manual Integrations

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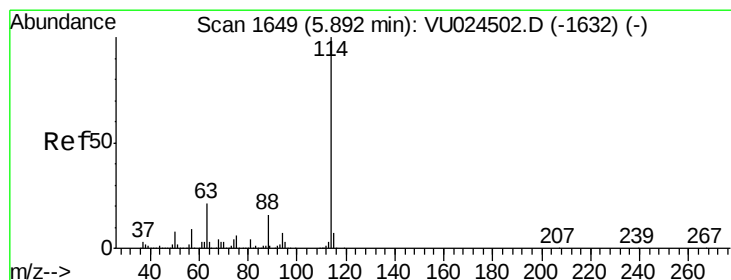
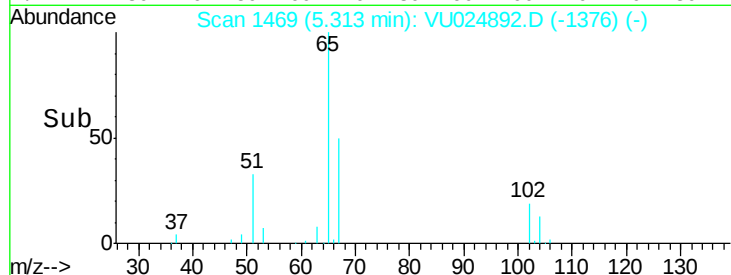
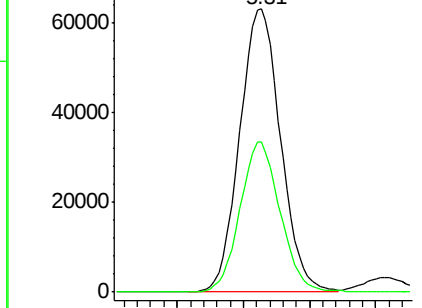
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Abundance Ion 64.90 (64.60 to 65.60): VU024892.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024892.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

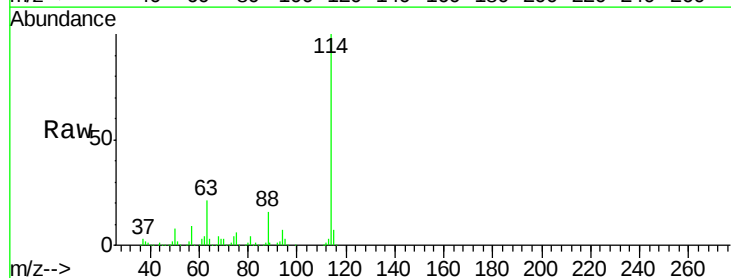
Tgt Ion: 114 Resp: 268587

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.4

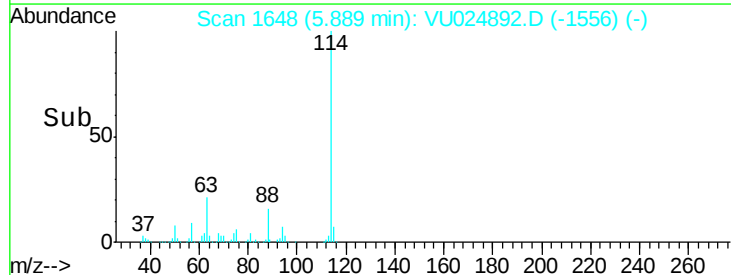
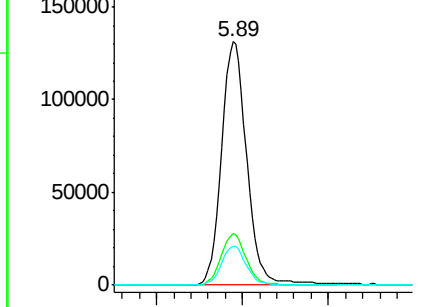
88 16.1 0.0 31.0

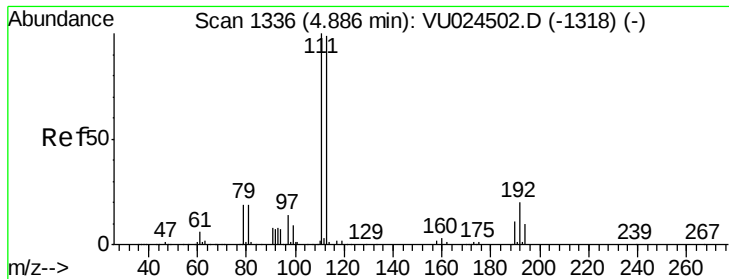


Abundance Ion 113.90 (113.60 to 114.60): VU024892.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024892.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024892.D (-1556) (-)





#35

Dibromofluoromethane

Concen: 48.35 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

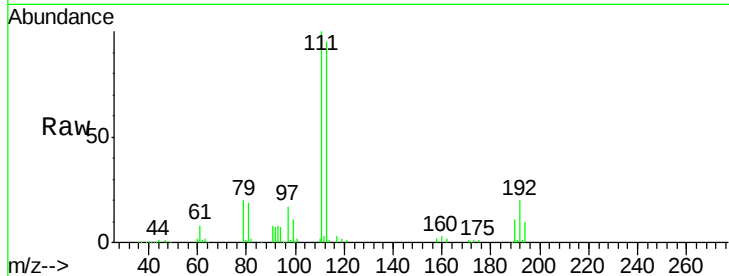
ClientSampleId :

VSTDCCC050

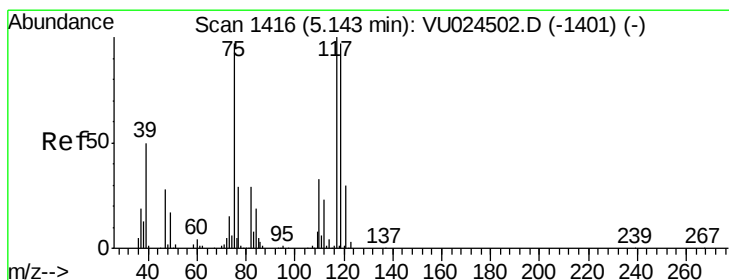
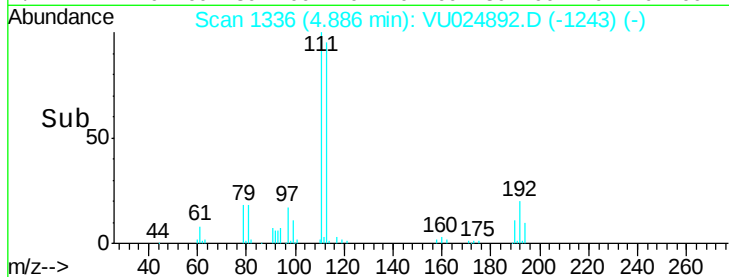
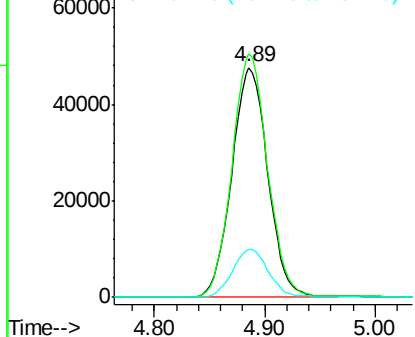
Tot Ion:	113	Resp:	107782
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.2	123.4
192	20.9	16.2	24.4

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



#36

1,1-Dichloropropene

Concen: 46.51 ug/l

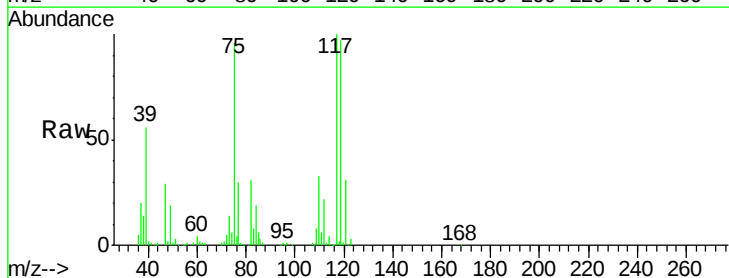
RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

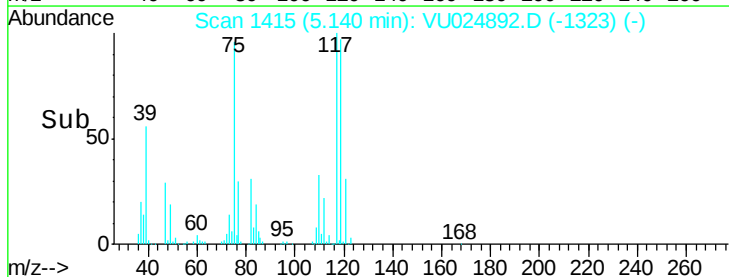
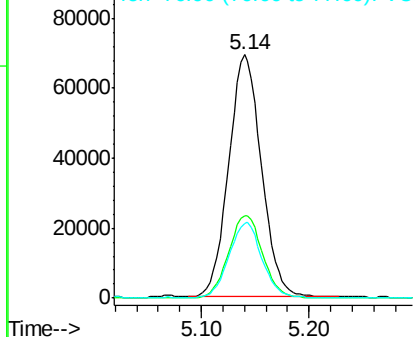
Lab File: VU024892.D

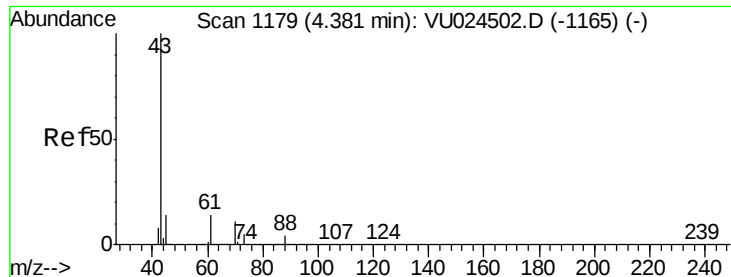
Acq: 25 Jun 2018 22:36

Tgt Ion:	75	Resp:	146792
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.0	50.9
77	31.0	24.2	36.4



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





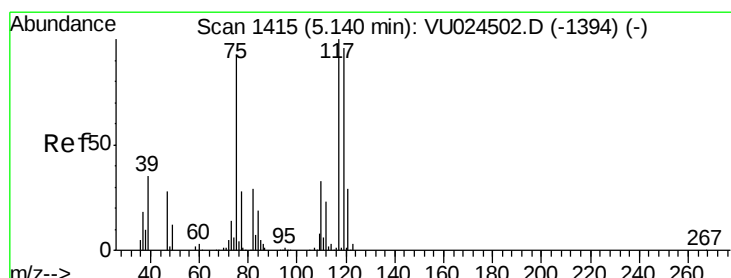
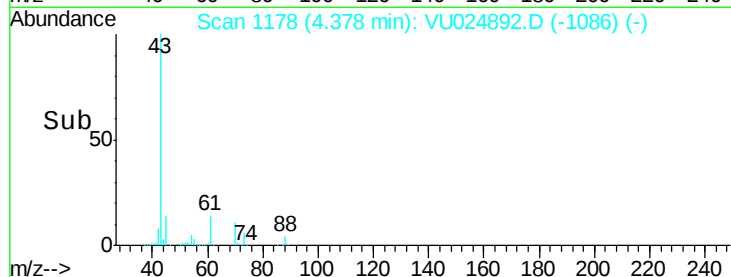
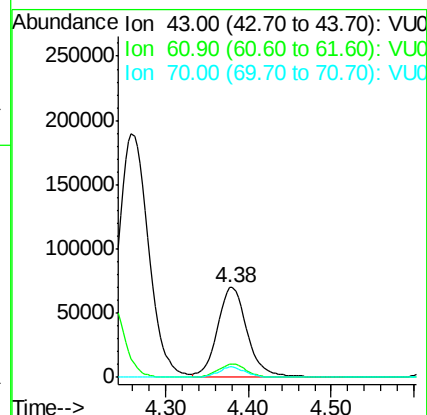
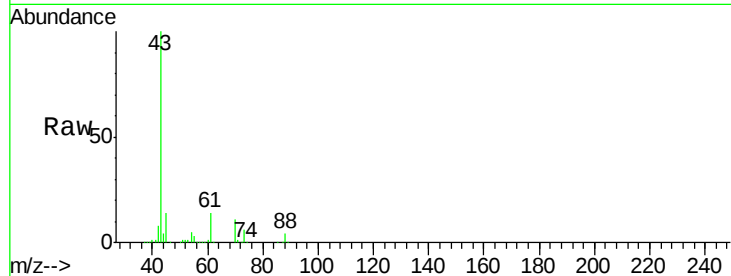
#37
Ethyl Acetate
Concen: 50.32 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.5	15.7
70	10.6	7.4	11.2

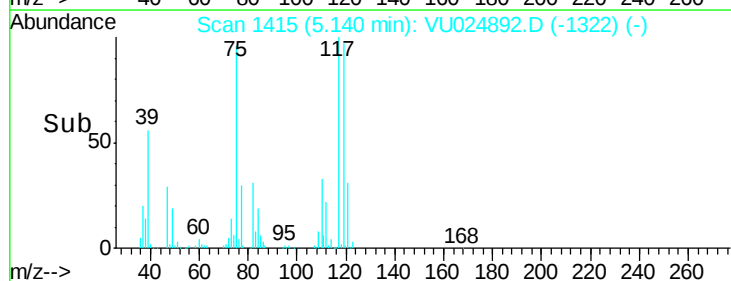
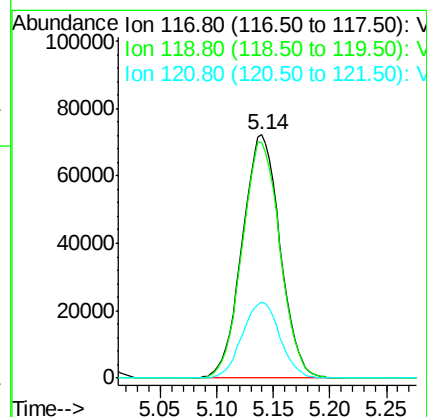
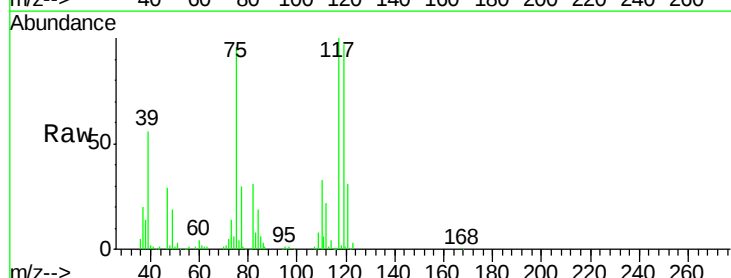
Manual Integrations
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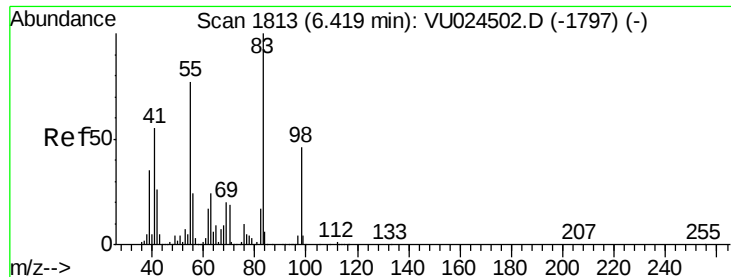
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#38
Carbon Tetrachloride
Concen: 48.43 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.1	114.1
121	31.2	23.7	35.5





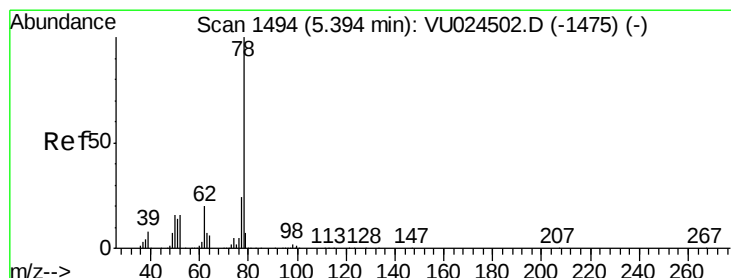
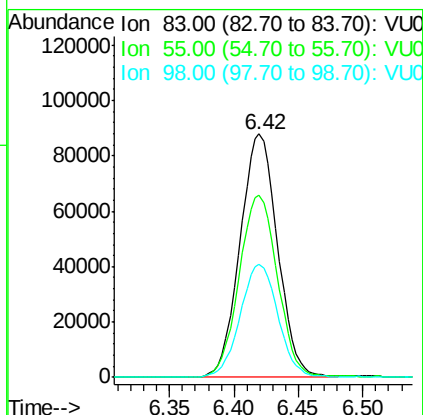
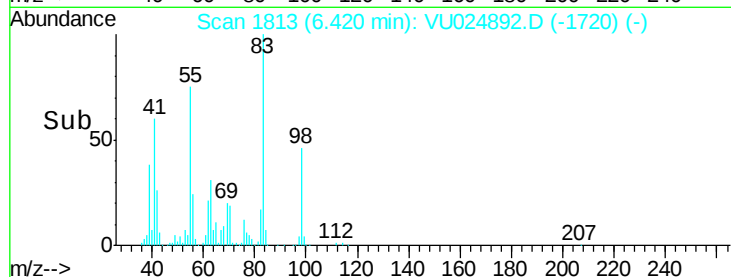
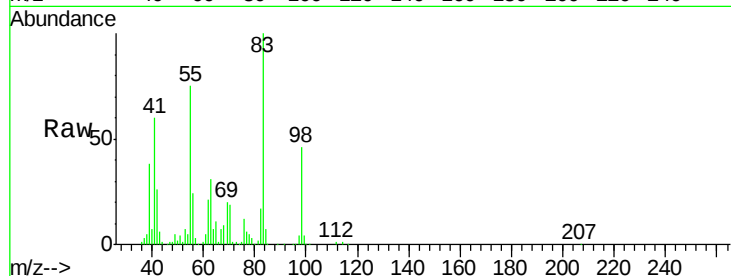
#39
Methvlcvclohexane
Concen: 45.29 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	65.8	98.6
98	46.4	36.7	55.1

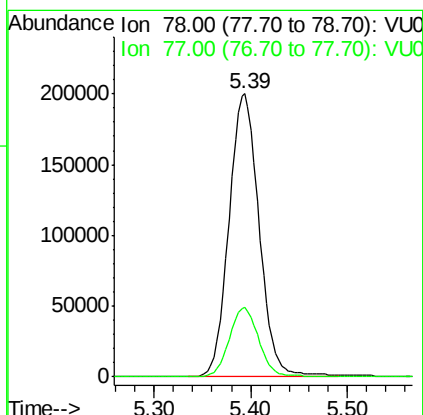
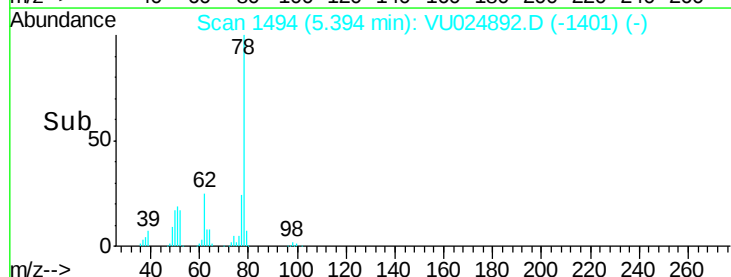
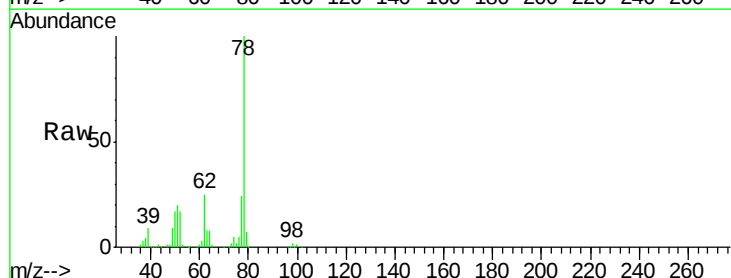
Manual Integrations
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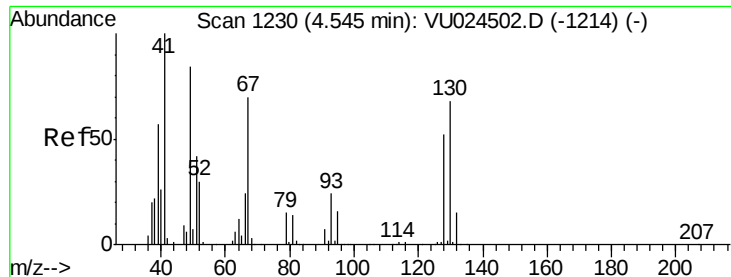
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#40
Benzene
Concen: 48.19 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





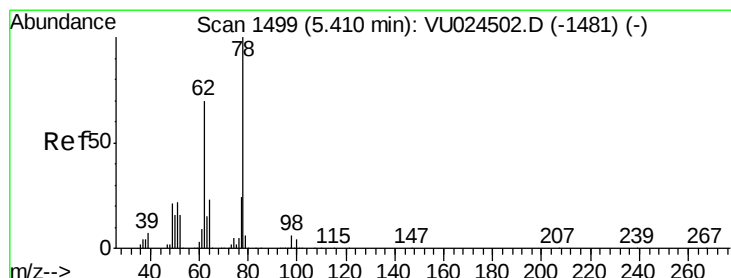
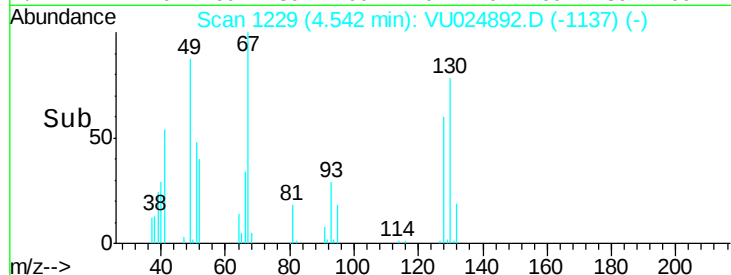
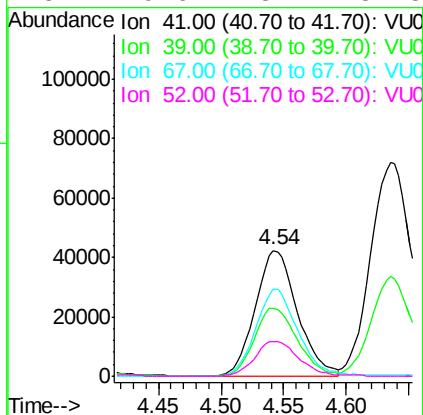
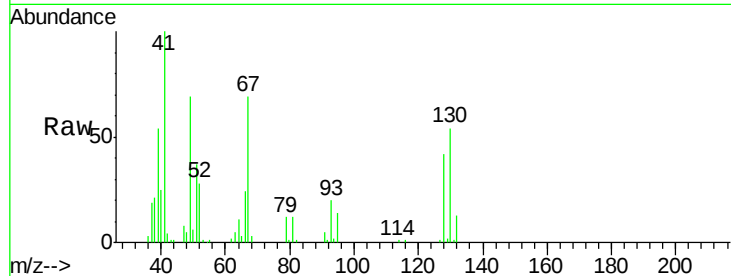
#41
Methacrylonitrile
Concen: 52.94 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		98183		
39	56.0	43.8	65.6		
67	69.8	56.3	84.5		
52	29.6	23.2	34.8		

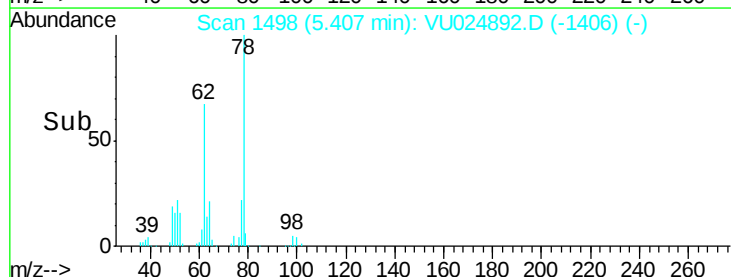
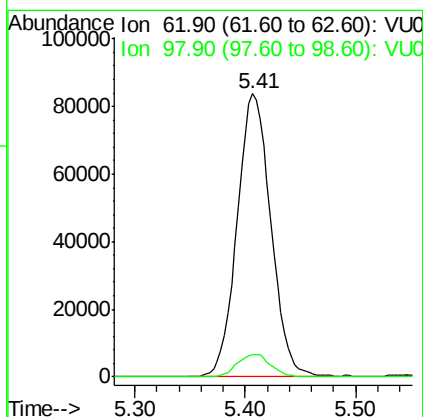
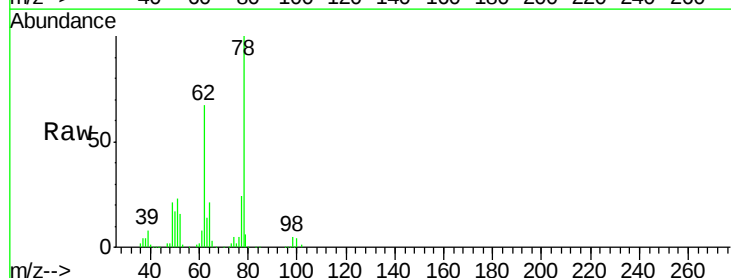
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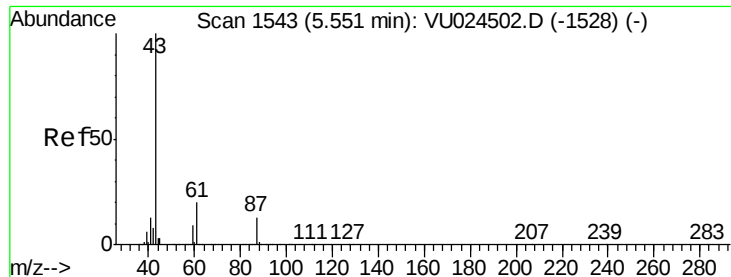
apatel
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#42
1,2-Dichloroethane
Concen: 51.93 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		177871		
98	7.9	0.0	16.6		





#43

Isopropyl Acetate

Concen: 47.42 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

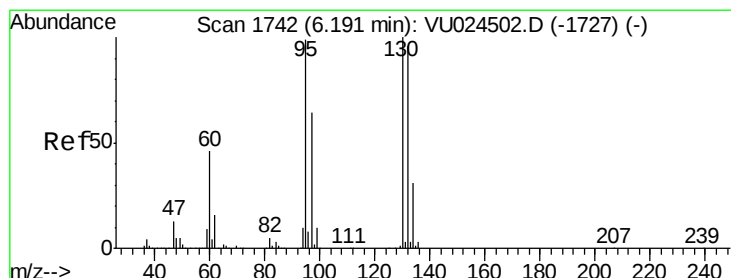
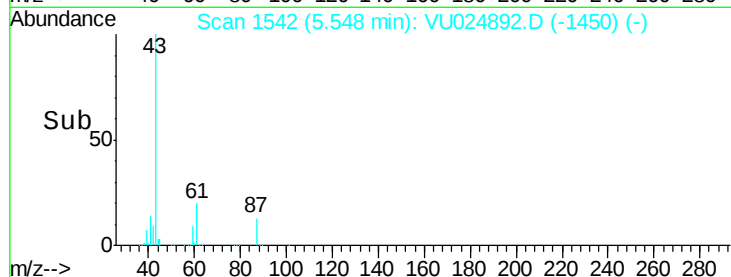
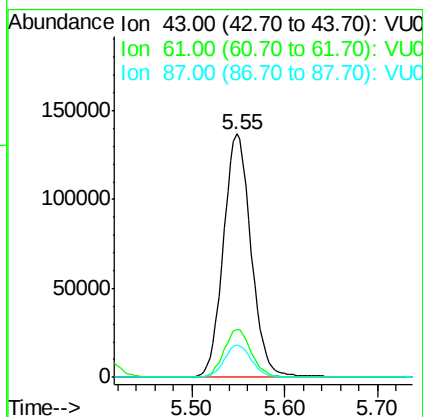
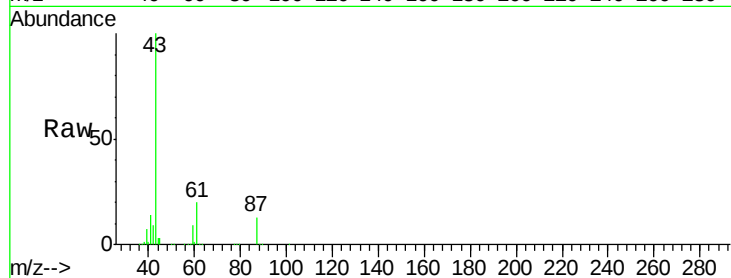
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	281991
Ion Ratio	Lower	Upper	
43	100		
61	19.6	15.4	23.0
87	13.0	10.0	15.0

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#44

Trichloroethene

Concen: 46.93 ug/l

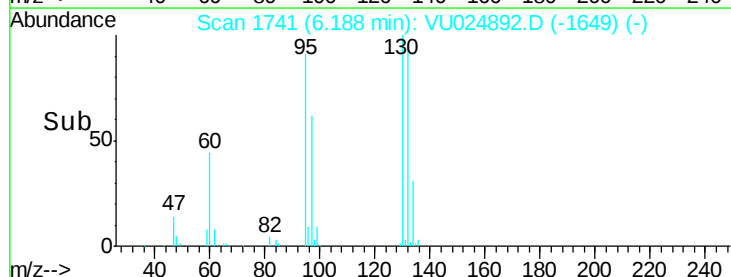
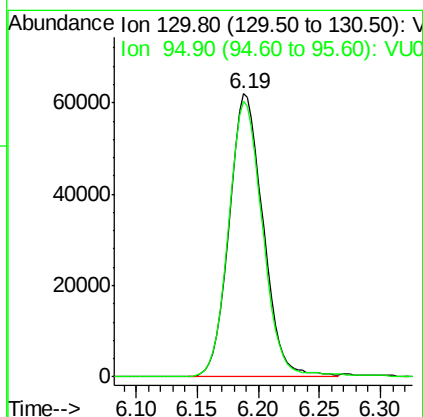
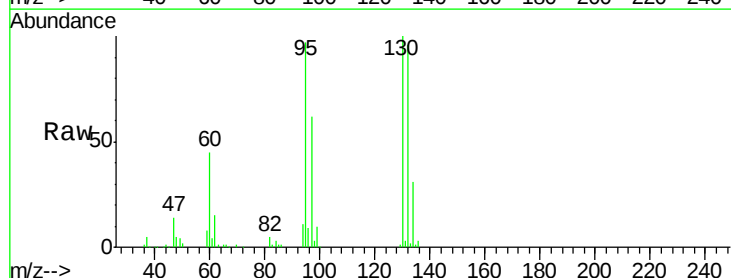
RT: 6.19 min Scan# 1741

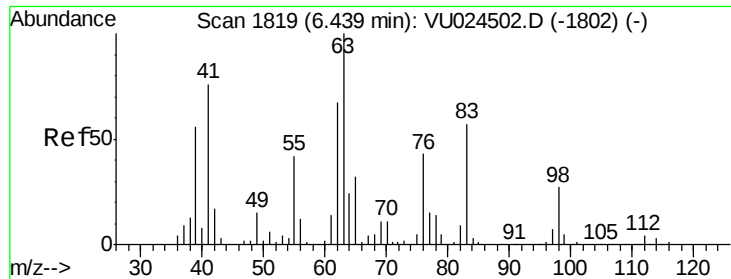
Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Tgt Ion:	130	Resp:	120122
Ion Ratio	Lower	Upper	
130	100		
95	97.2	0.0	202.4





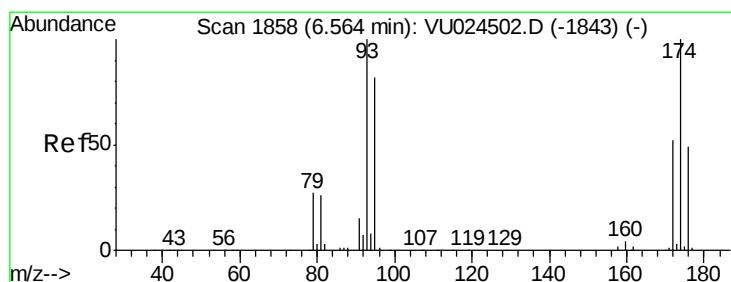
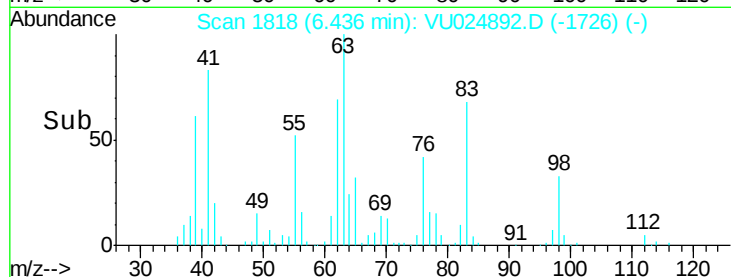
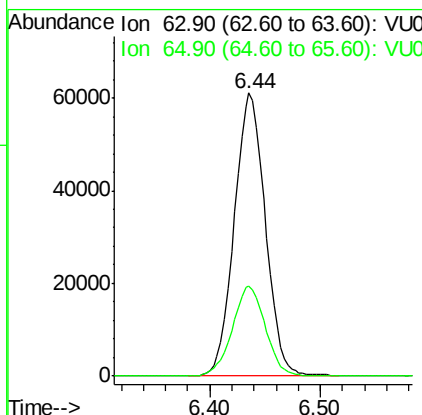
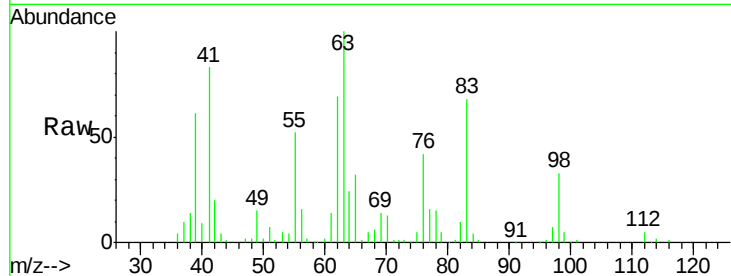
#45
 1,2-Dichloropropane
 Concen: 49.72 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 119301
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.8 37.2

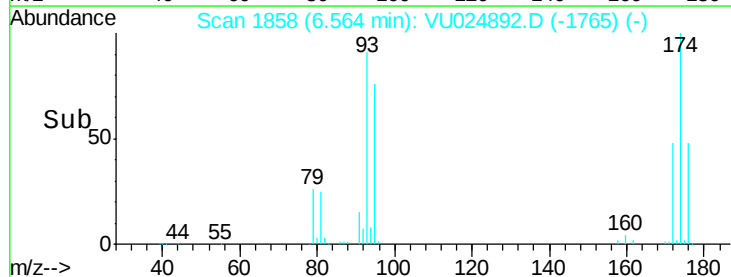
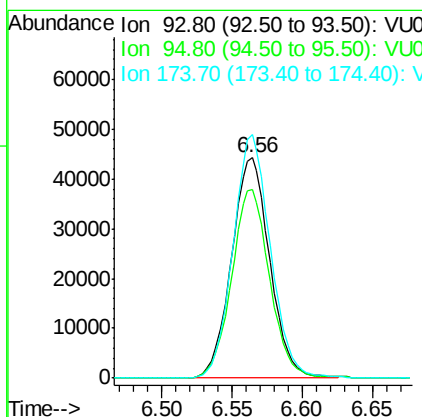
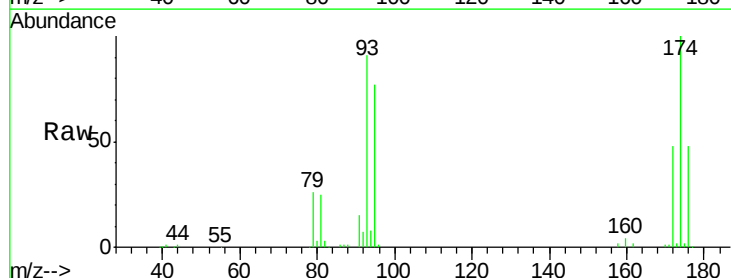
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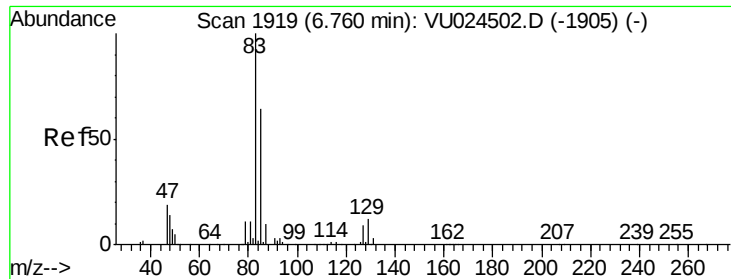
apatel
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#46
 Dibromomethane
 Concen: 49.72 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion: 93 Resp: 83811
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.5 98.3
 174 108.3 78.7 118.1





#47

Bromodichloromethane

Concen: 49.78 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

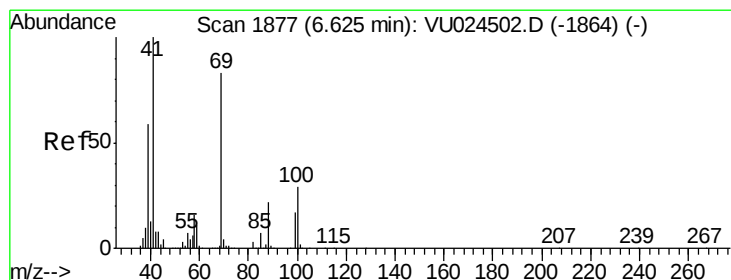
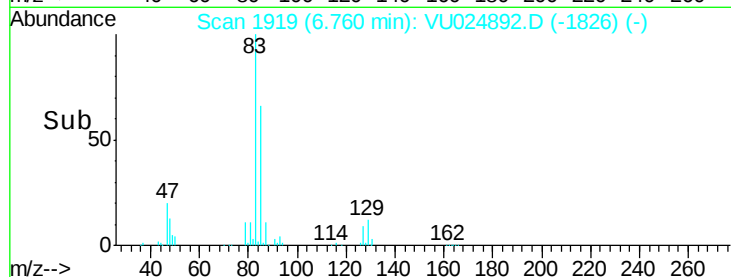
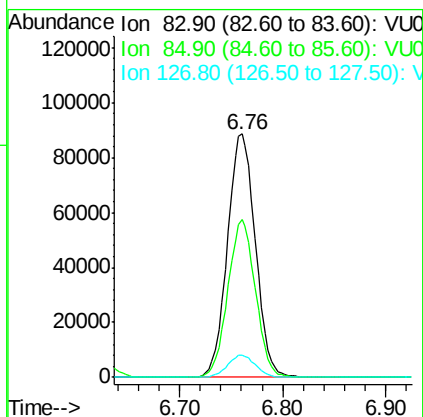
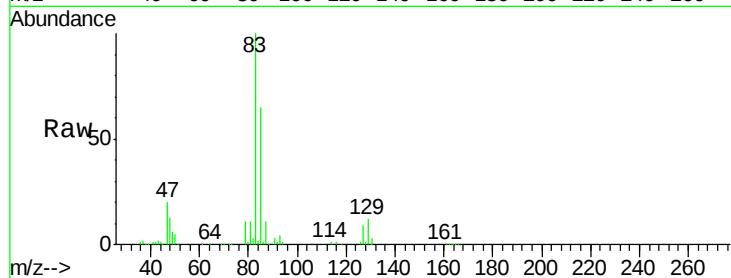
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	167087
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.9	77.9
127	9.2	6.6	9.8

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#48

Methyl methacrylate

Concen: 49.73 ug/l

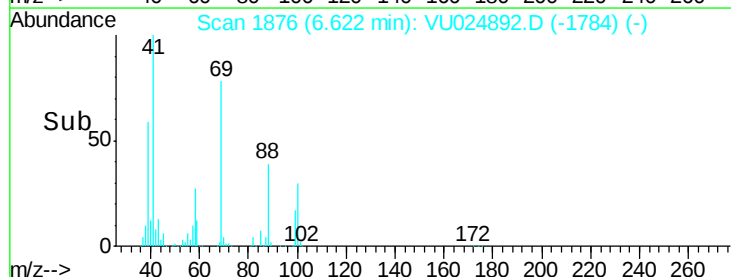
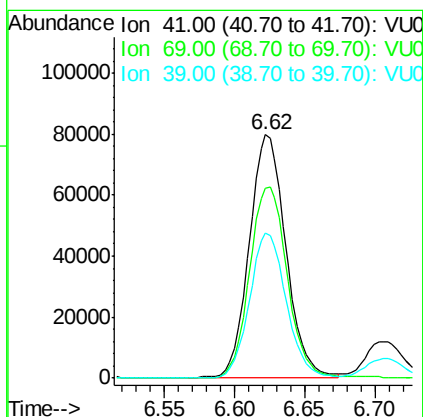
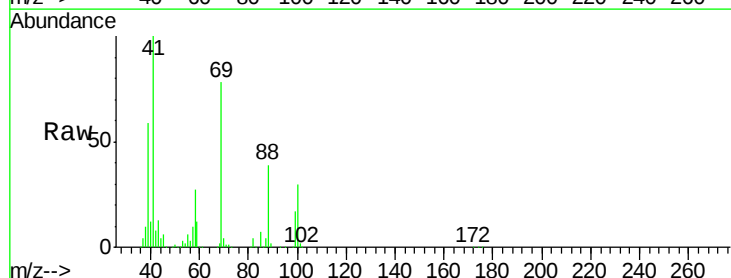
RT: 6.62 min Scan# 1876

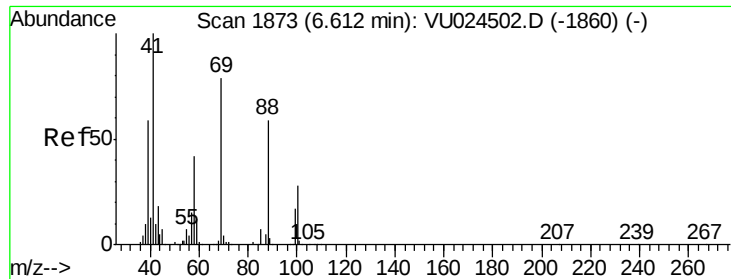
Delta R.T. -0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Tgt Ion:	41	Resp:	143997
Ion Ratio	Lower	Upper	
41	100		
69	81.9	67.3	100.9
39	59.8	46.5	69.7





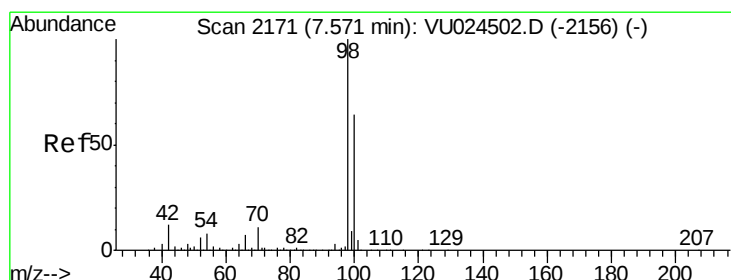
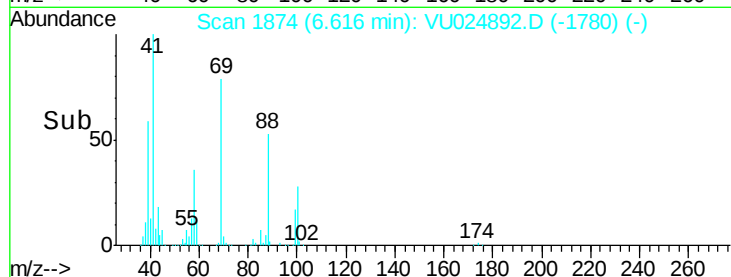
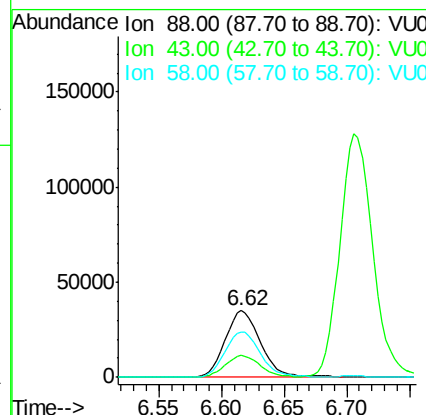
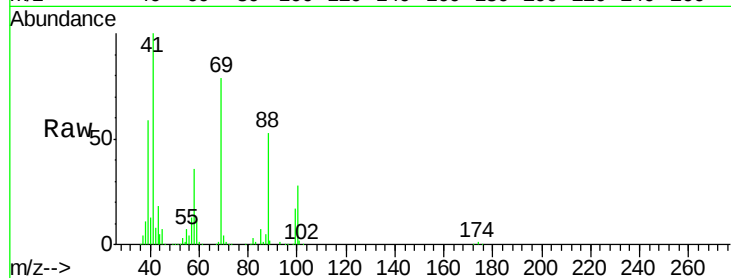
#49
 1,4-Dioxane
 Concen: 1200.05 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	28.6	42.8
58	69.4	58.2	87.4

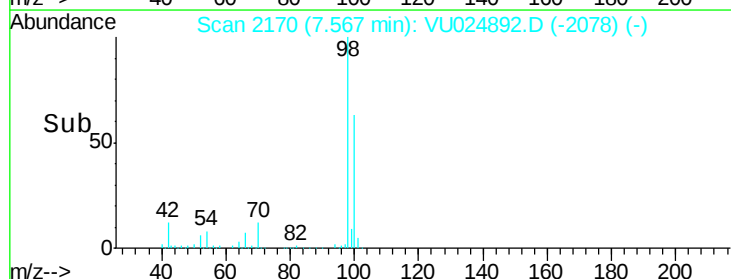
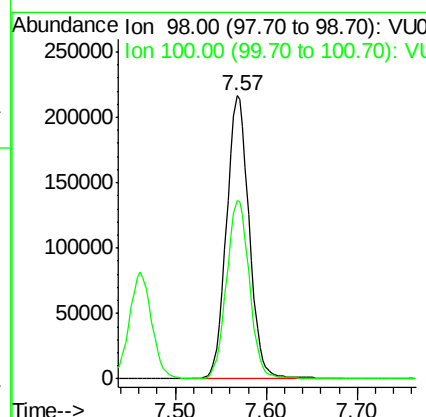
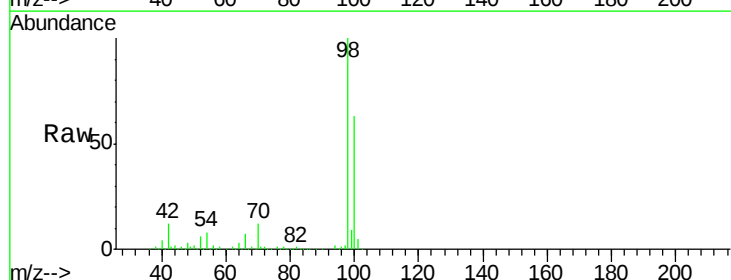
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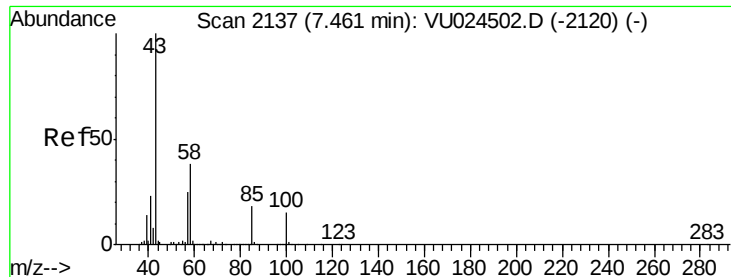
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#50
 Toluene-d8
 Concen: 46.25 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.1	76.7





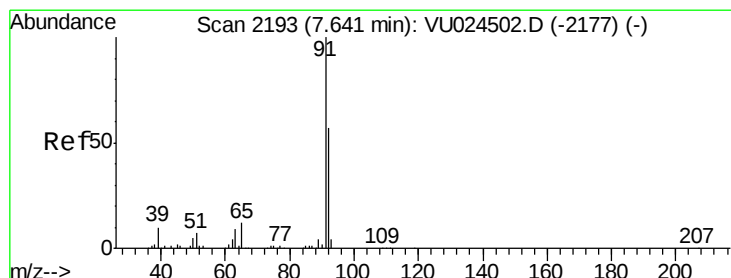
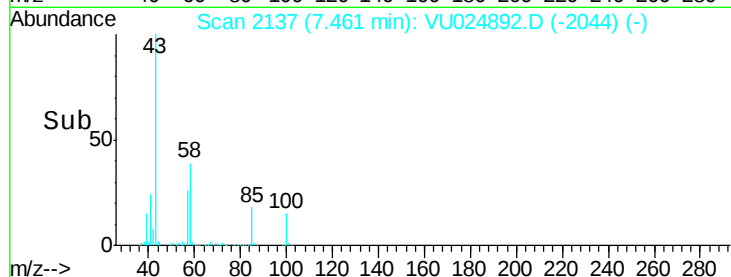
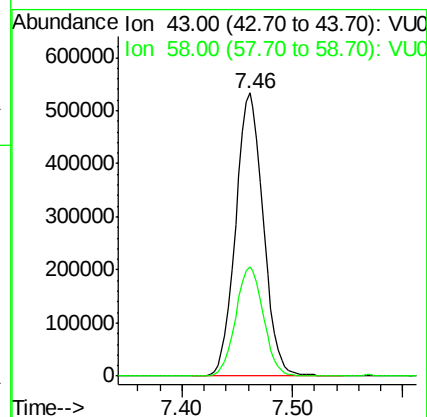
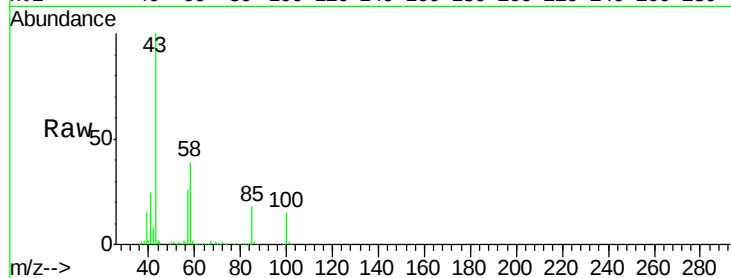
#51
4-Methyl-2-Pentanone
Concen: 247.45 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.0	45.0

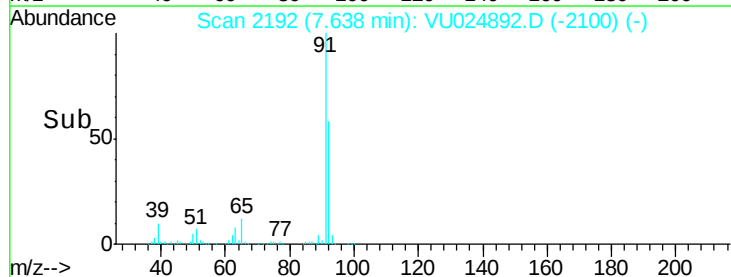
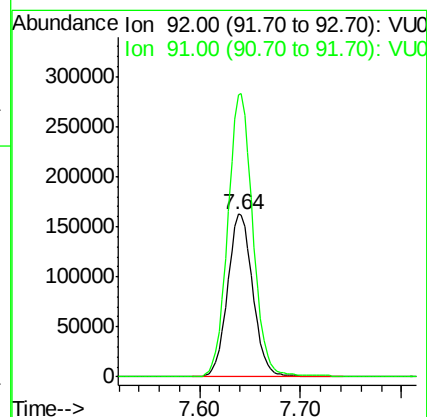
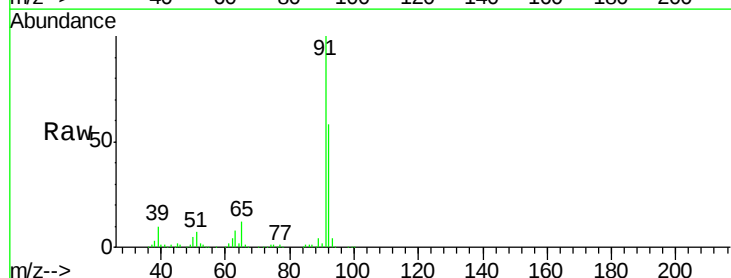
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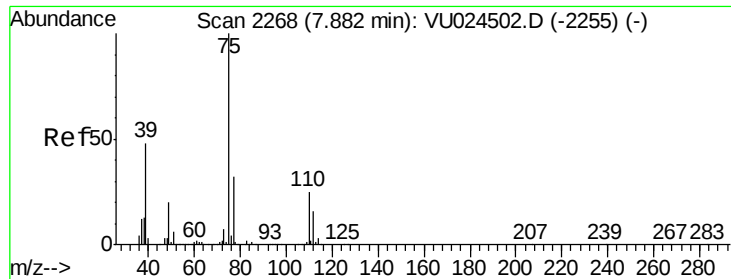
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#52
Toluene
Concen: 49.33 ug/l
RT: 7.64 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.6	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 47.10 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 177531

Ion Ratio Lower Upper

75 100

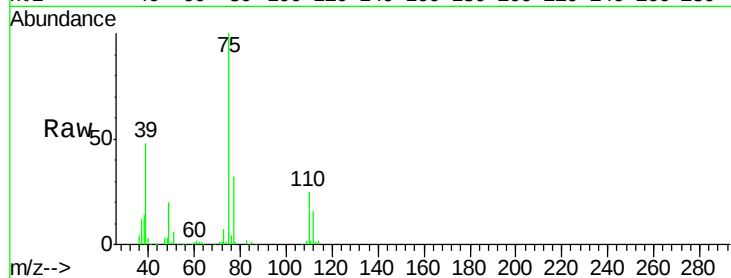
77 32.1 24.8 37.2

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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

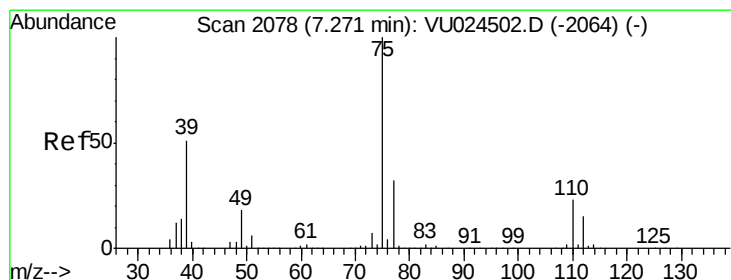
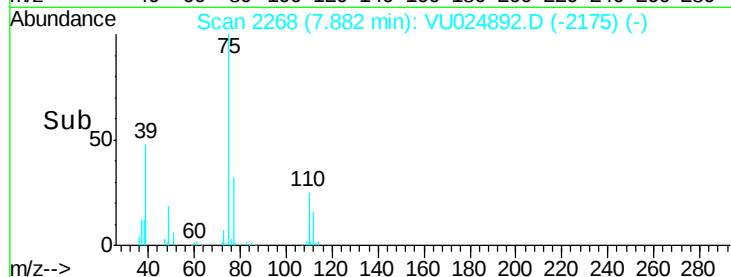
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.42 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

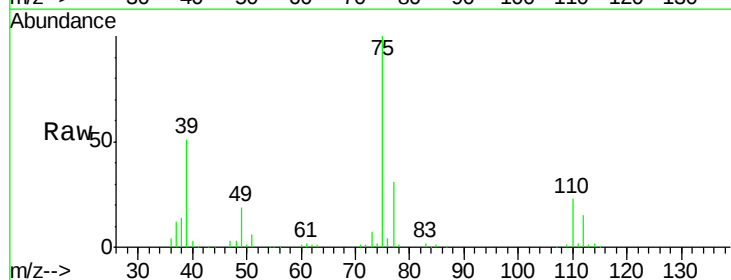
Tgt Ion: 75 Resp: 186437

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 50.8 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

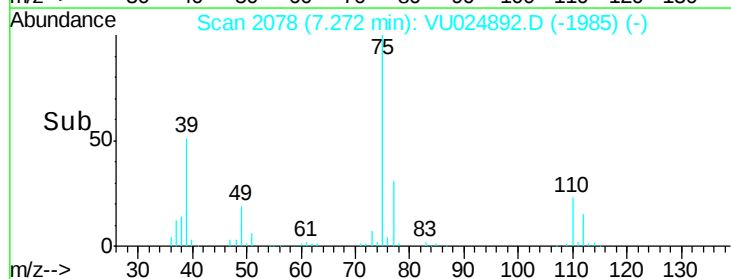
7.27

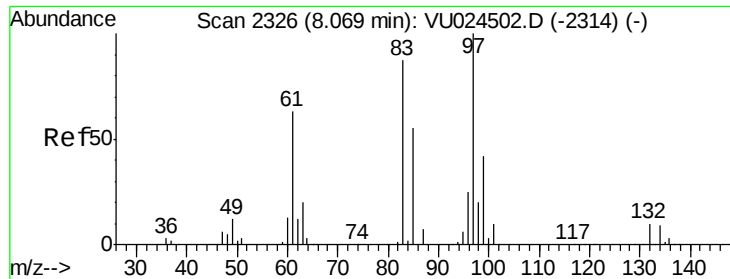
100000

50000

0

Time-->





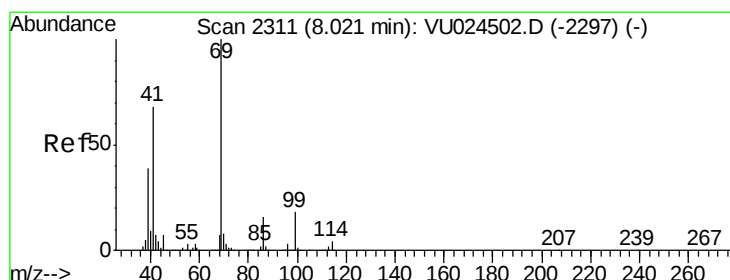
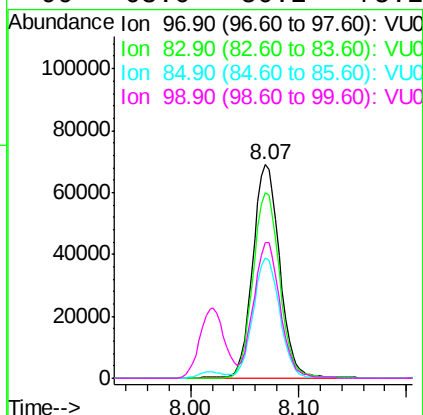
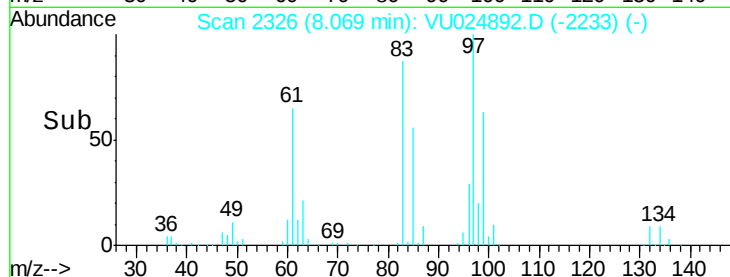
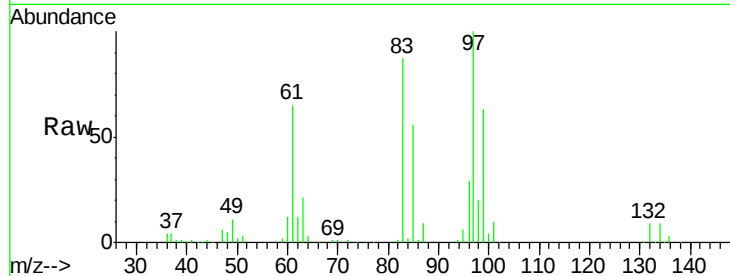
#55
 1,1,2-Trichloroethane
 Concen: 50.89 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		119693		
83	86.9	70.5	105.7		
85	55.9	46.4	69.6		
99	63.0	50.2	75.2		

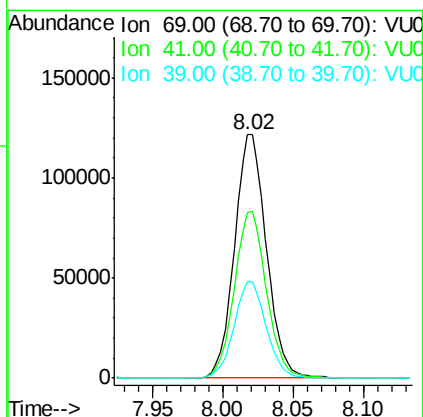
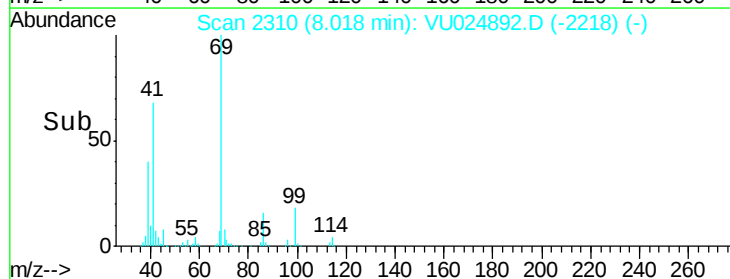
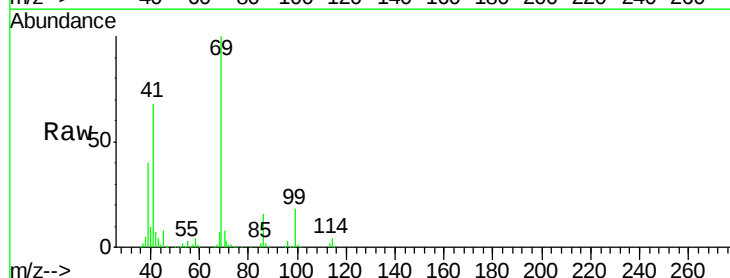
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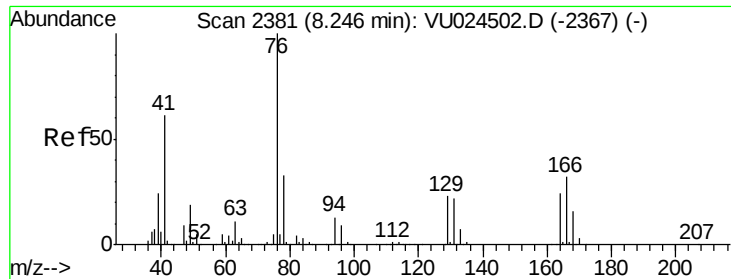
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#56
 Ethyl methacrylate
 Concen: 49.03 ug/l
 RT: 8.02 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		193004		
41	68.4	54.1	81.1		
39	39.7	30.3	45.5		





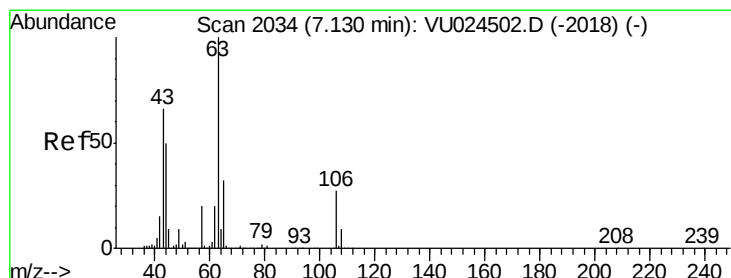
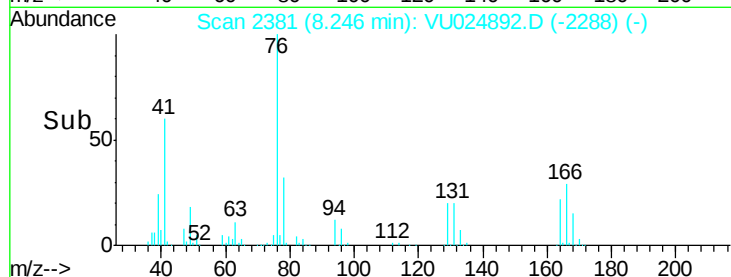
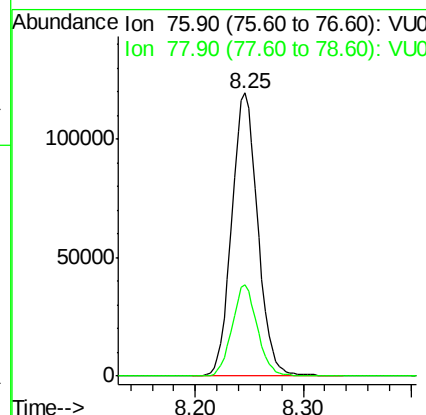
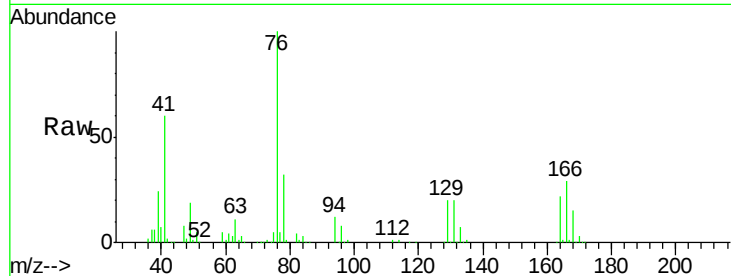
#57
 1,3-Dichloropropane
 Concen: 50.91 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 201985
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.2 37.8

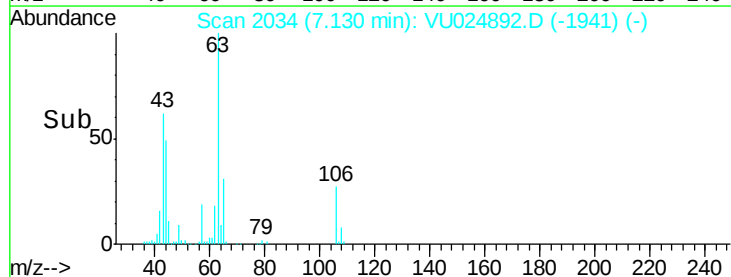
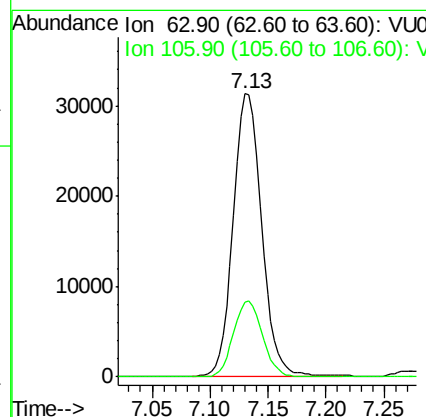
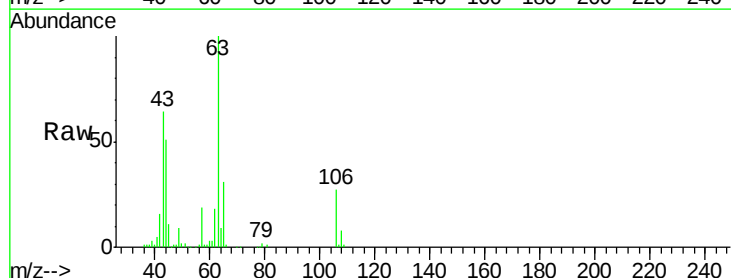
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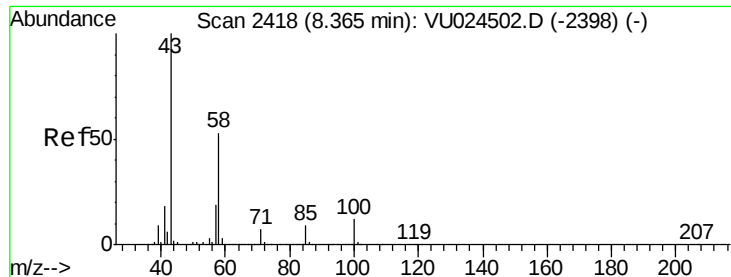
apatel
 6/27/2018 11:20:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 35.63 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion: 63 Resp: 53735
 Ion Ratio Lower Upper
 63 100
 106 26.9 20.2 30.2





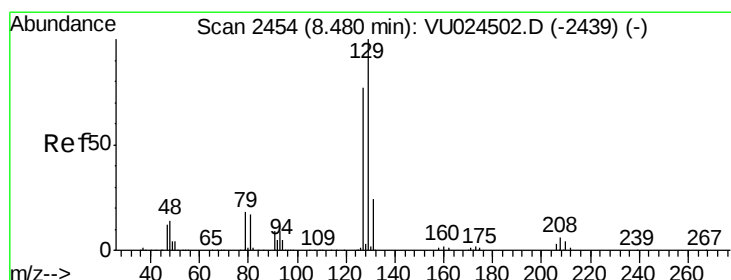
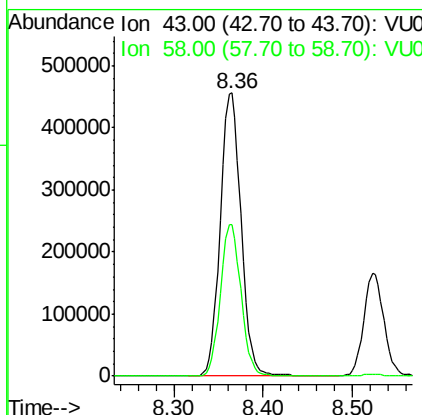
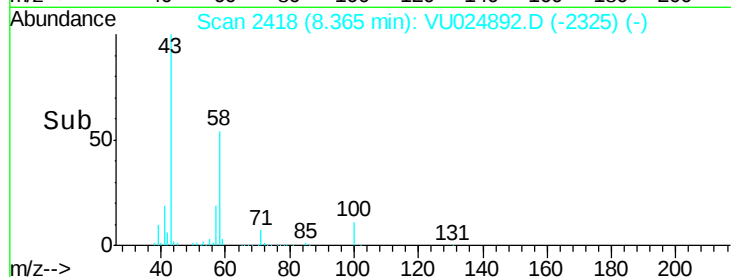
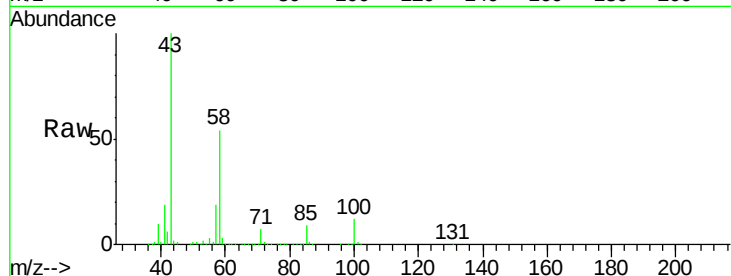
#59
2-Hexanone
Concen: 241.85 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 737598
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0

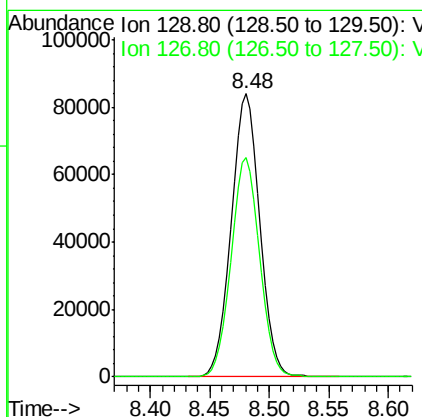
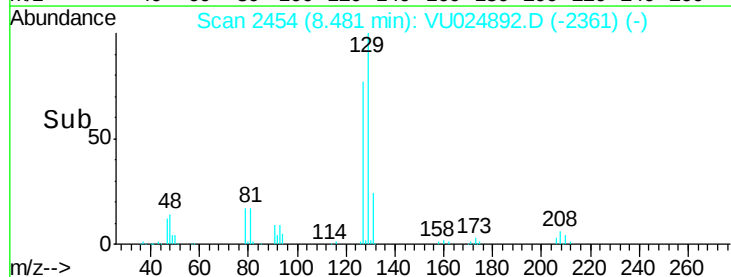
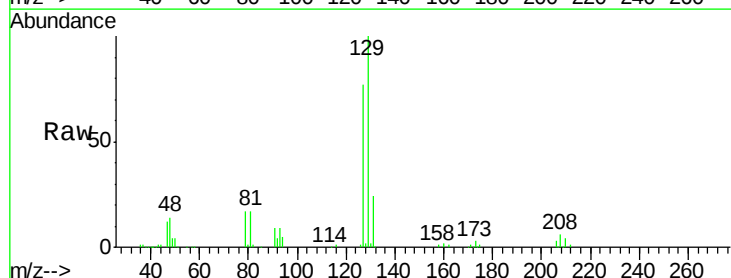
Manual Integrations
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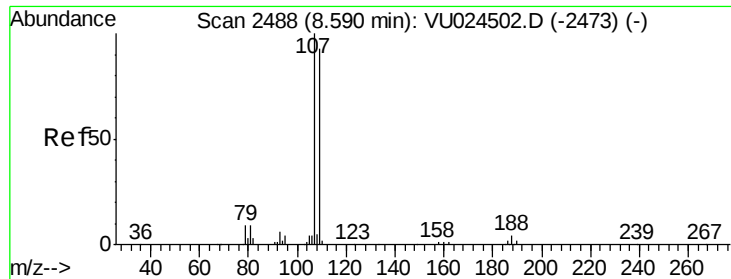
apatel
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#60
Dibromochloromethane
Concen: 47.59 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 129 Resp: 139564
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.35 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 129194

Ion Ratio Lower Upper

107 100

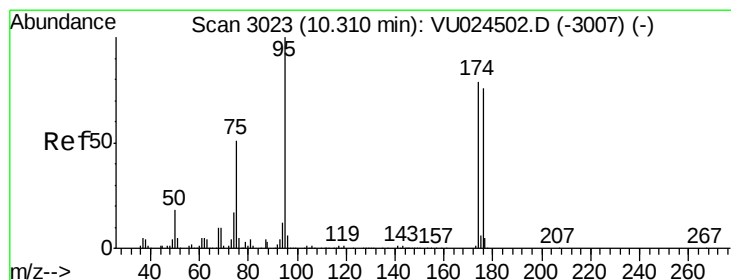
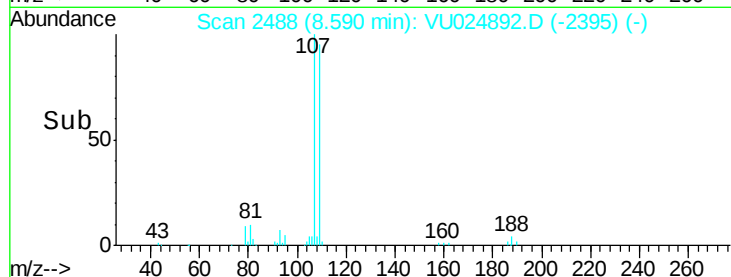
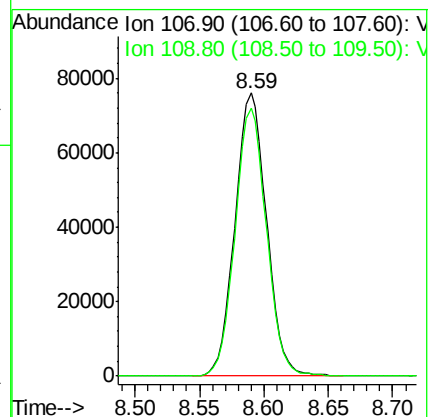
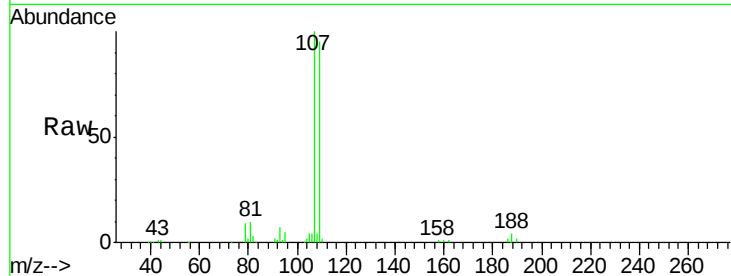
109 94.3 74.5 111.7

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.31 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

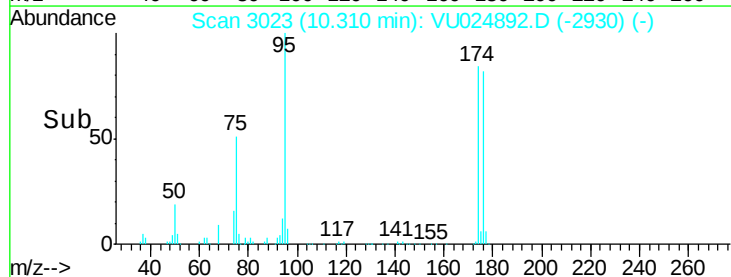
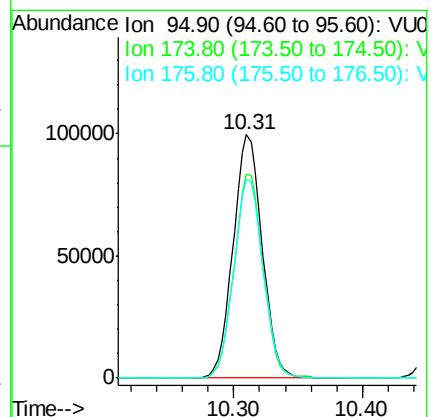
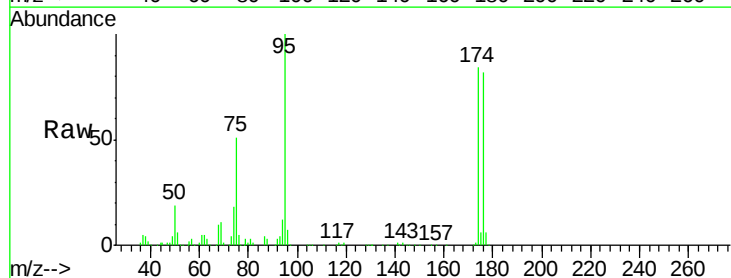
Tgt Ion: 95 Resp: 155946

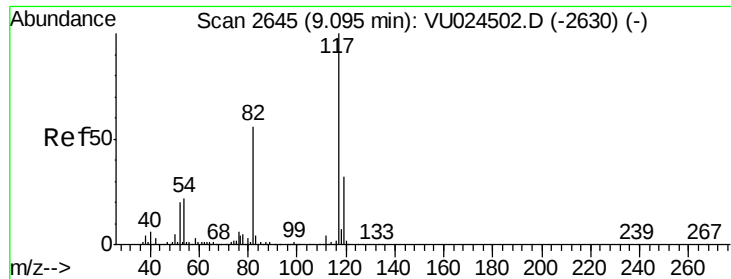
Ion Ratio Lower Upper

95 100

174 83.2 0.0 165.8

176 82.4 0.0 159.4





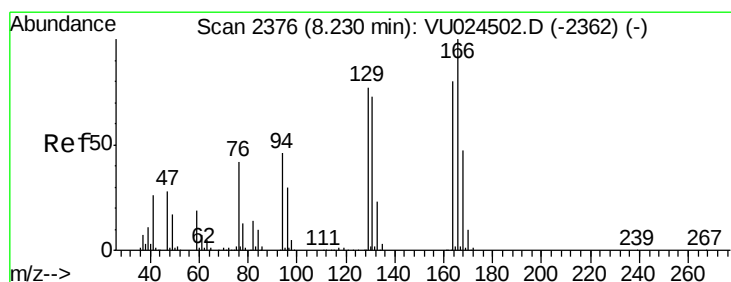
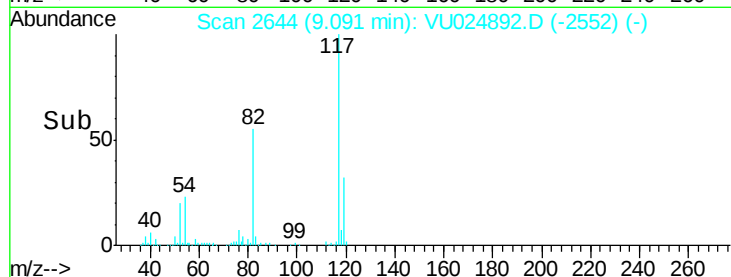
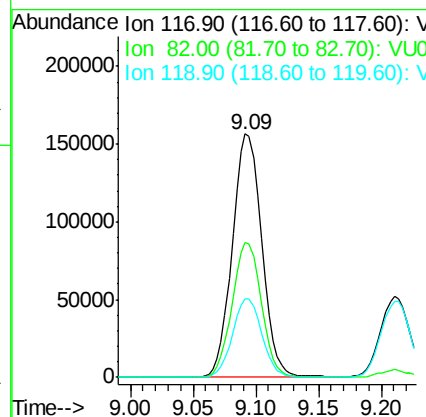
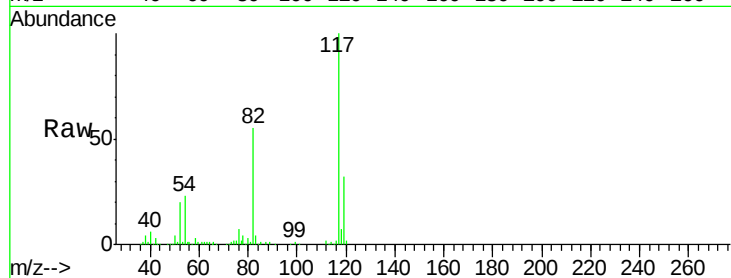
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	255848		
82	55.2		44.3	66.5
119	32.2		25.4	38.2

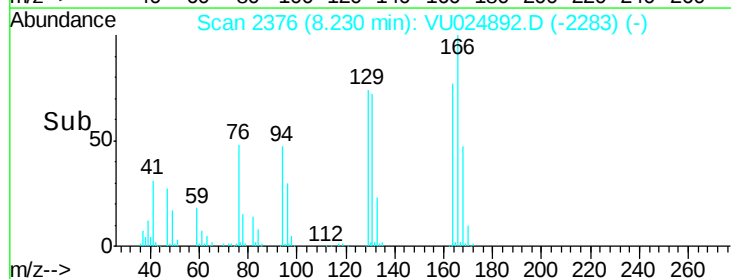
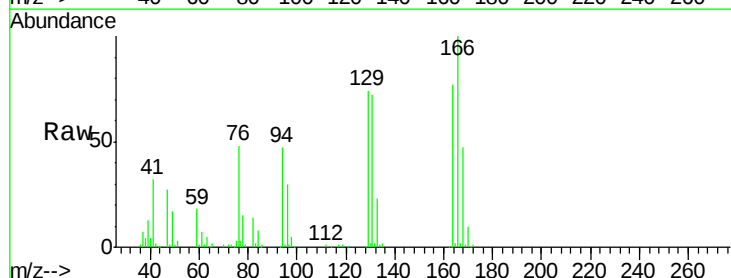
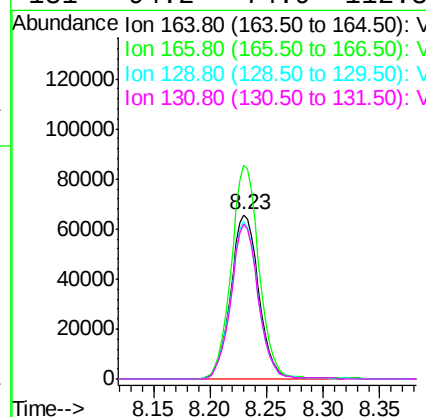
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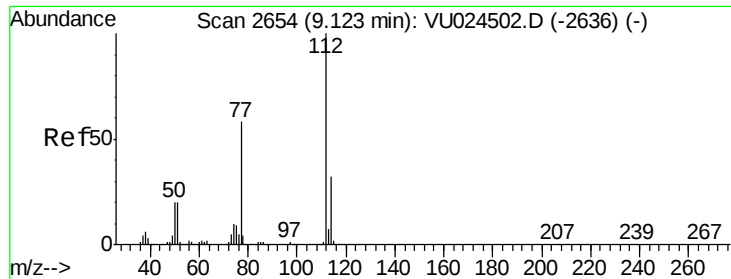
apatel
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#64
Tetrachloroethene
Concen: 46.58 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113273		
166	130.0		101.7	152.5
129	95.8		76.9	115.3
131	94.2		74.9	112.3





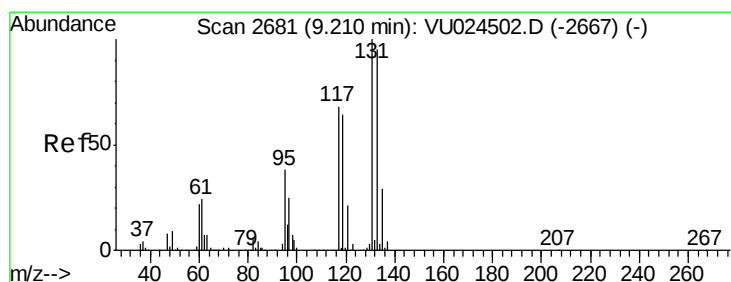
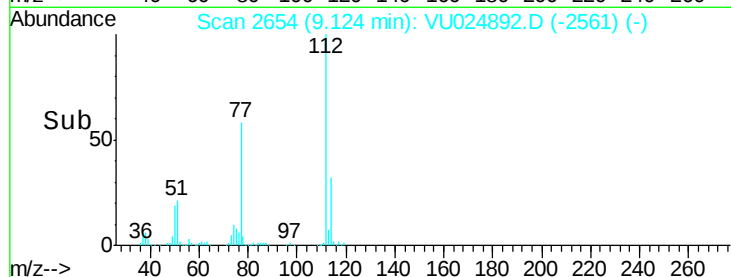
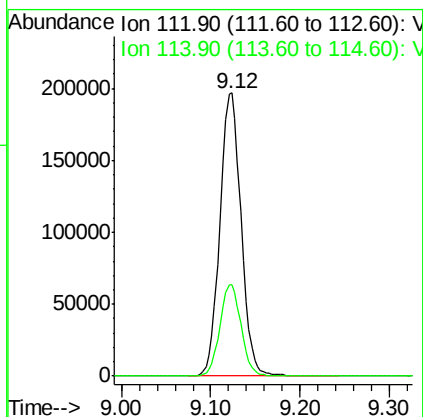
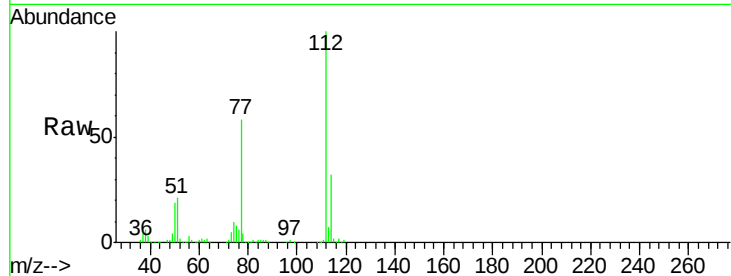
#65
Chlorobenzene
Concen: 49.61 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

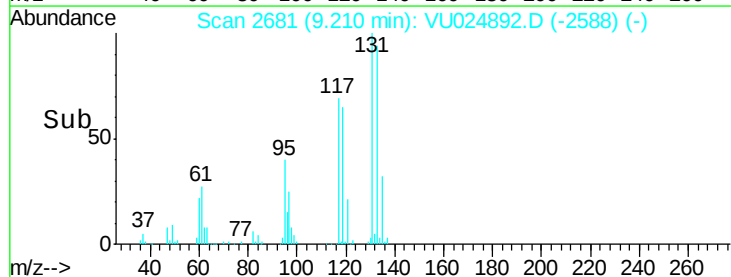
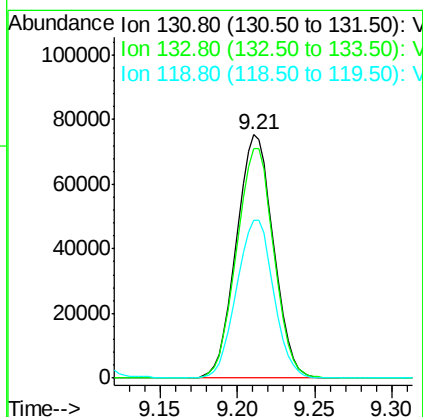
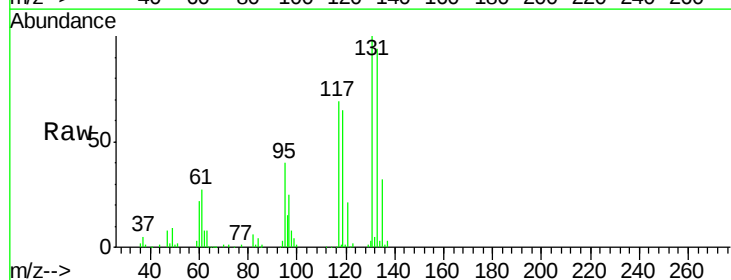
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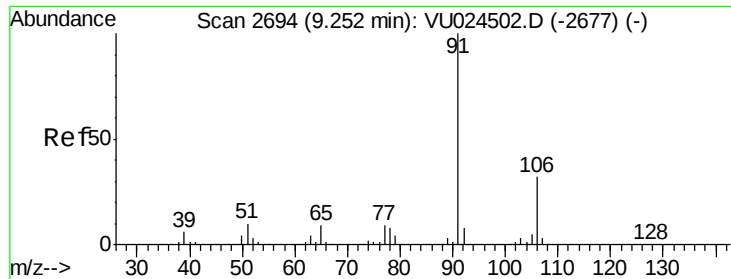
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.61 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	46.9	140.8
119	64.8	33.5	100.4





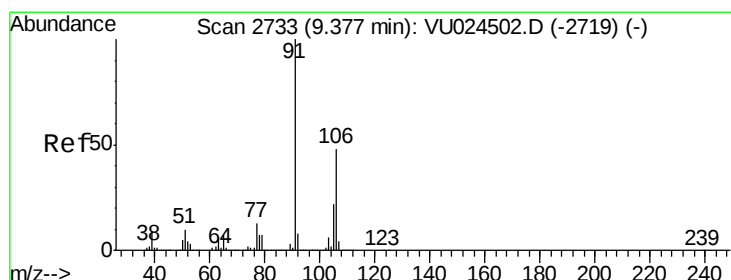
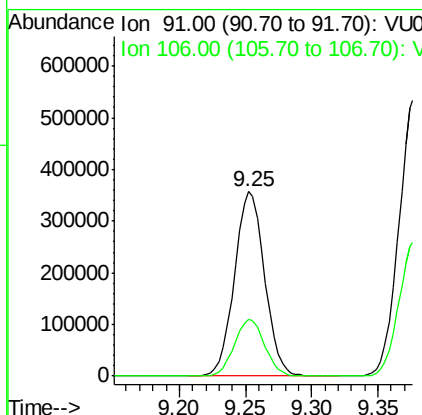
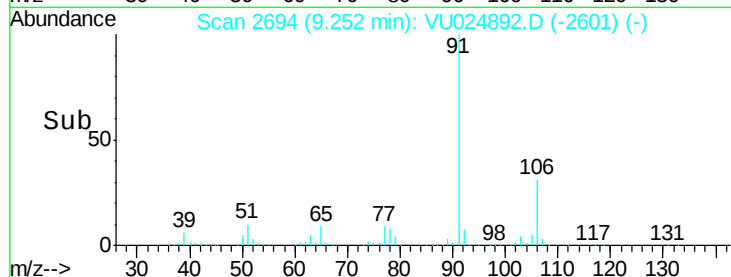
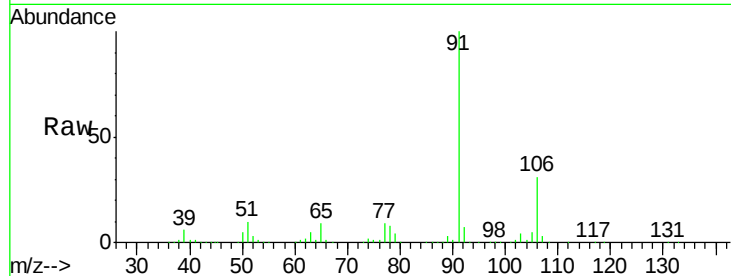
#67
Ethyl Benzene
Concen: 49.27 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 564503
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

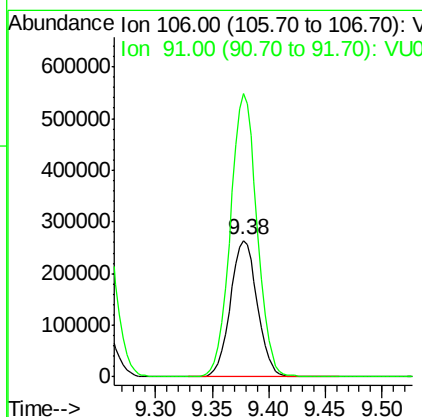
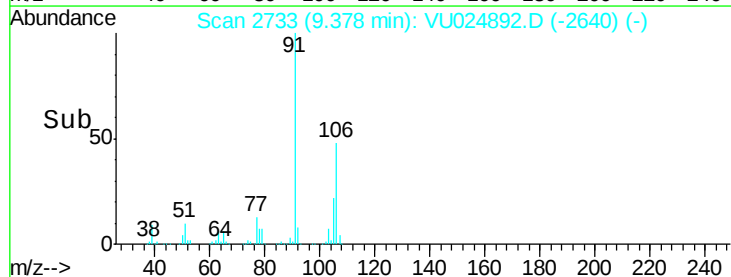
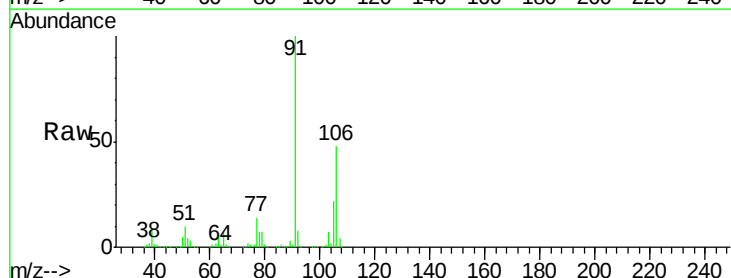
Manual Integrations
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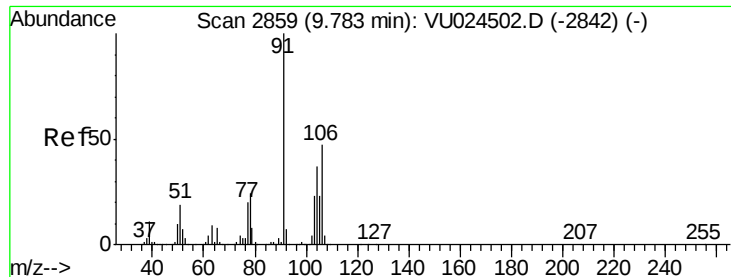
apatel
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#68
m/p-Xylenes
Concen: 99.03 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion: 106 Resp: 435740
Ion Ratio Lower Upper
106 100
91 205.1 166.5 249.7





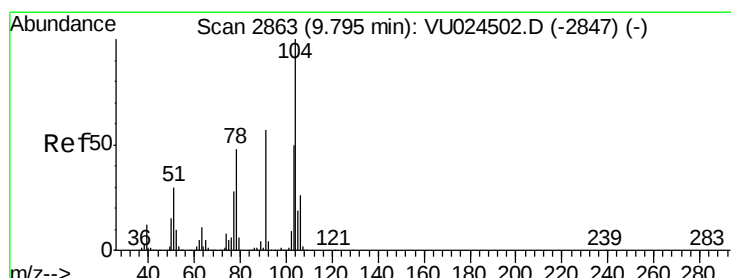
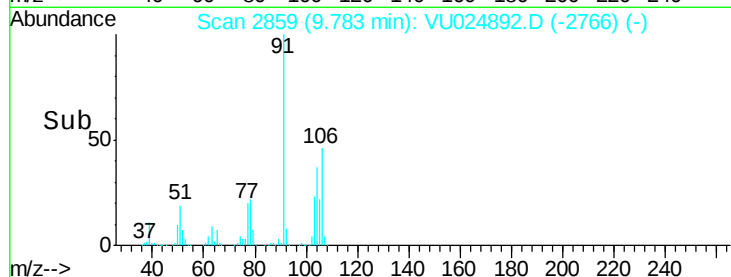
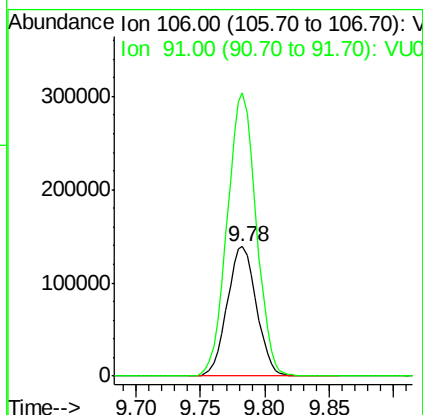
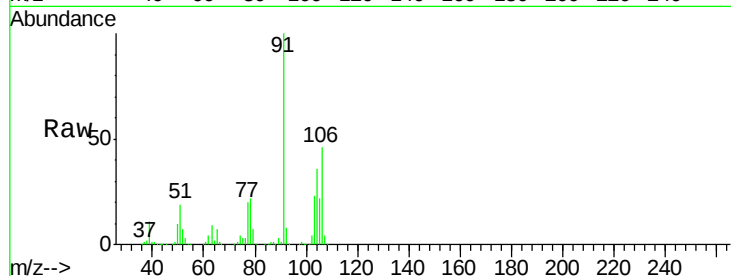
#69
o-Xylene
Concen: 50.39 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.8	110.7	331.9

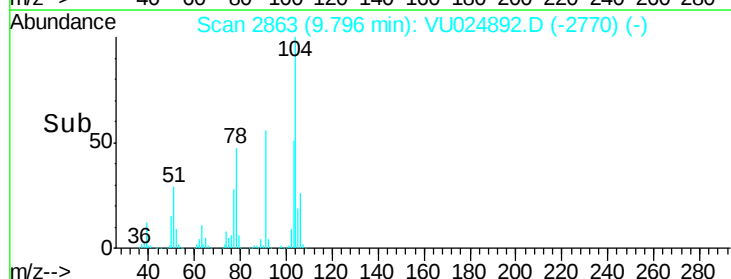
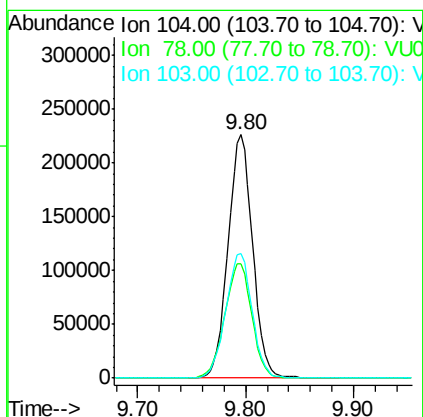
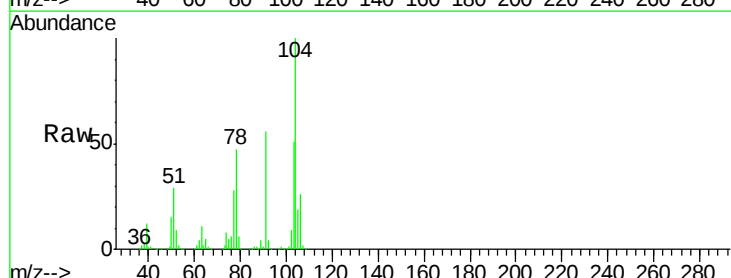
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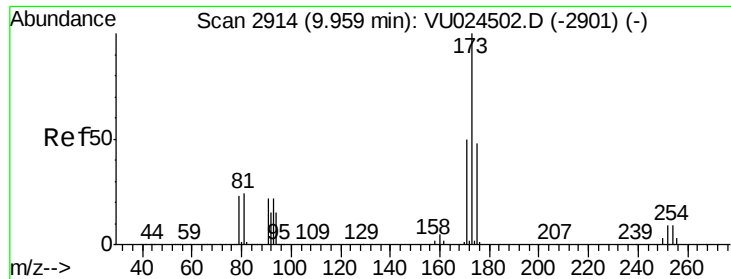
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#70
Styrene
Concen: 50.31 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	40.6	60.8
103	55.0	44.7	67.1





#71

Bromoform

Concen: 47.13 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 111228

Ion Ratio Lower Upper

173 100

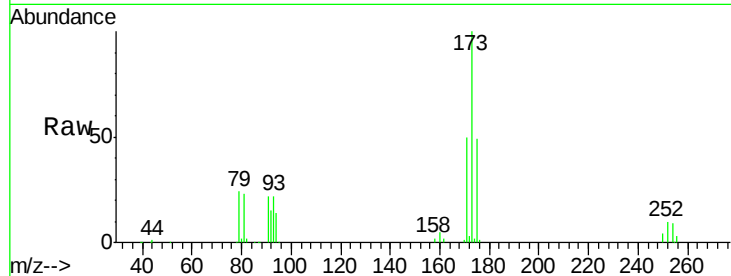
175 47.4 24.6 74.0

254 0.0 0.0 0.0#

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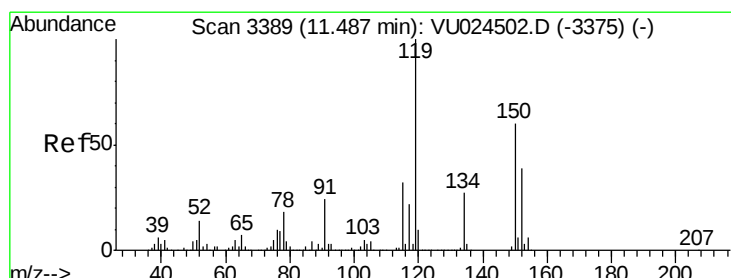
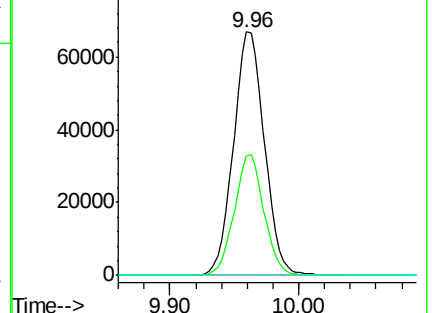
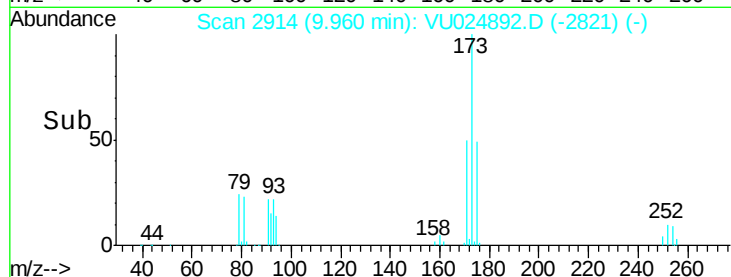
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

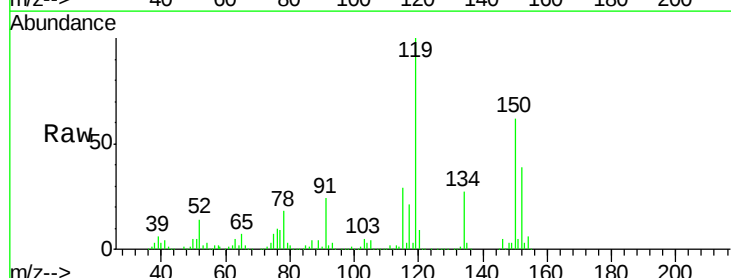
Tgt Ion:152 Resp: 156920

Ion Ratio Lower Upper

152 100

115 83.6 43.0 129.0

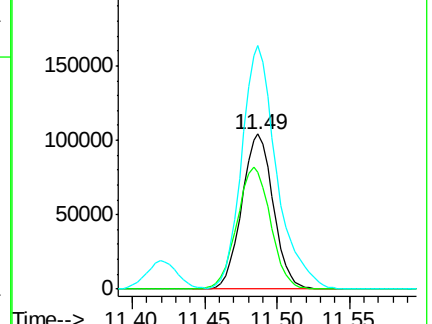
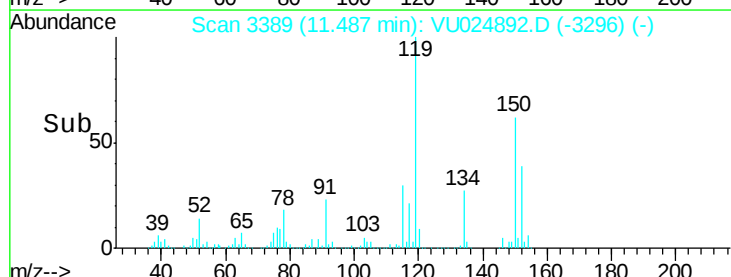
150 173.7 0.0 354.0

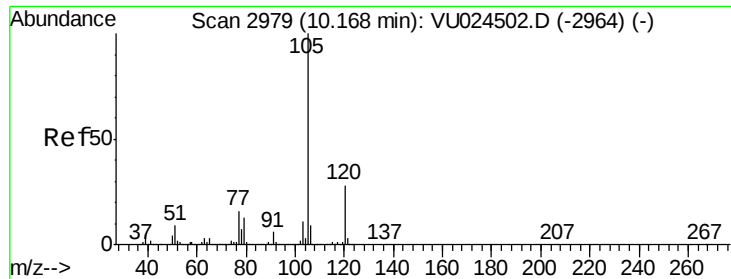


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.51 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 596506

Ion Ratio Lower Upper

105 100

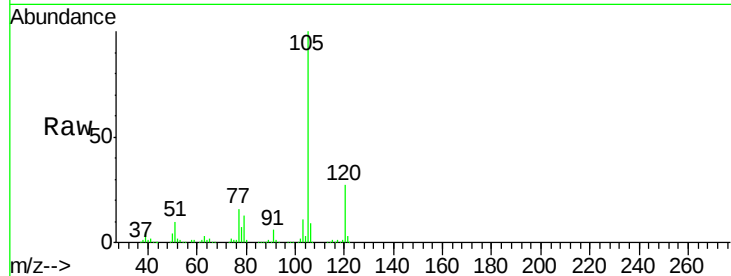
120 26.7 13.2 39.6

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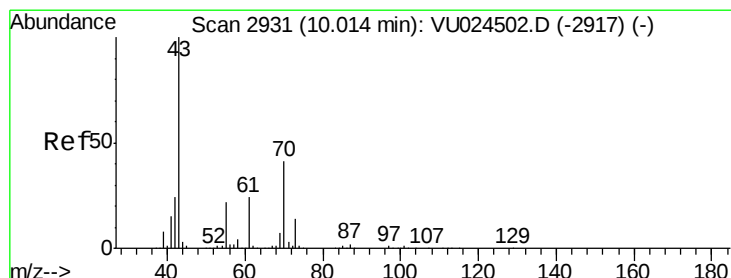
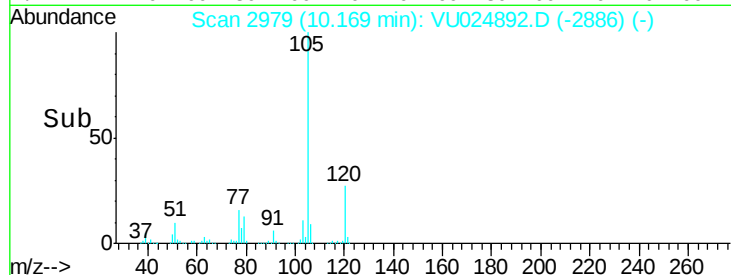
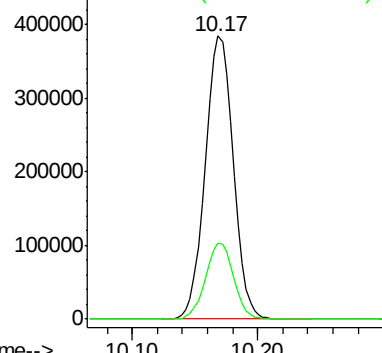
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.80 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Tgt Ion: 43 Resp: 268170

Ion Ratio Lower Upper

43 100

70 41.2 32.2 48.4

55 23.2 20.5 30.7

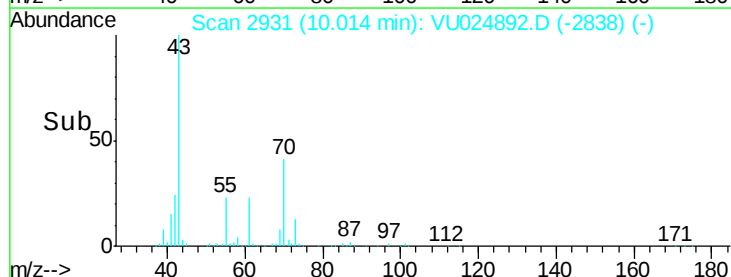
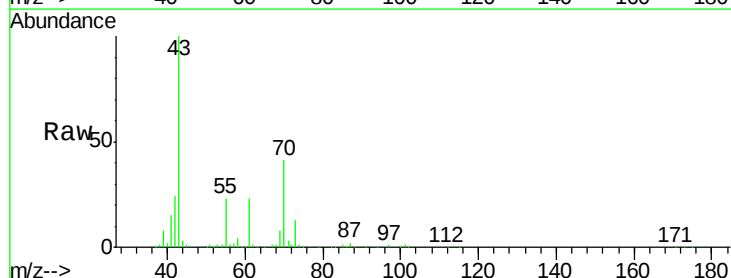
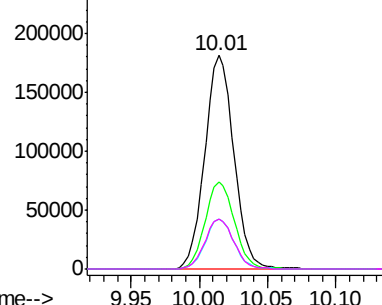
61 23.3 18.7 28.1

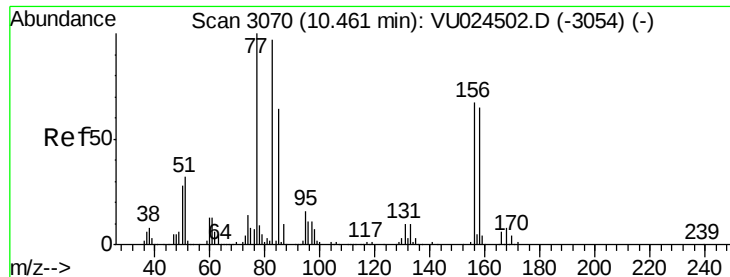
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.96 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 201681

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

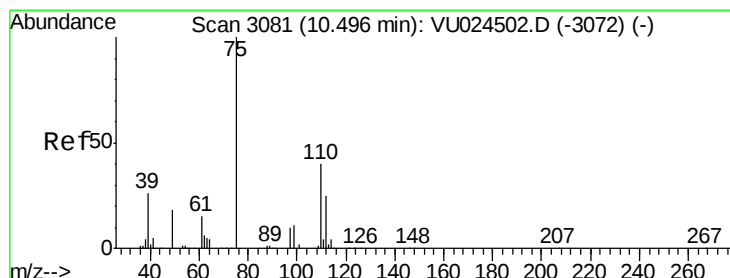
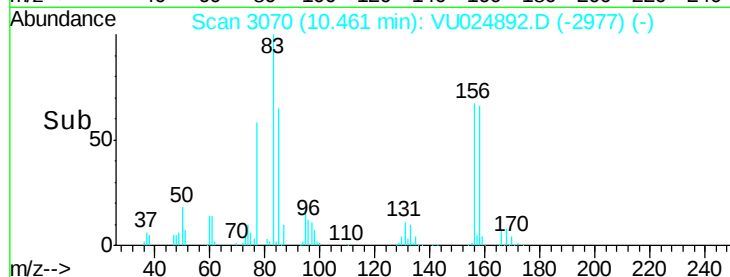
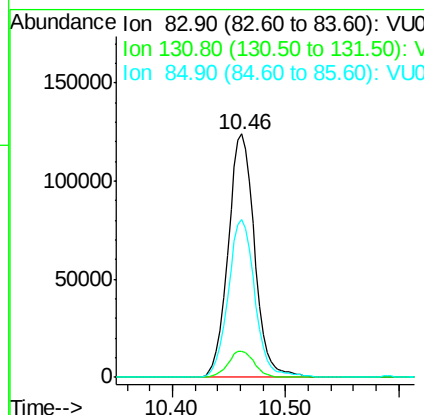
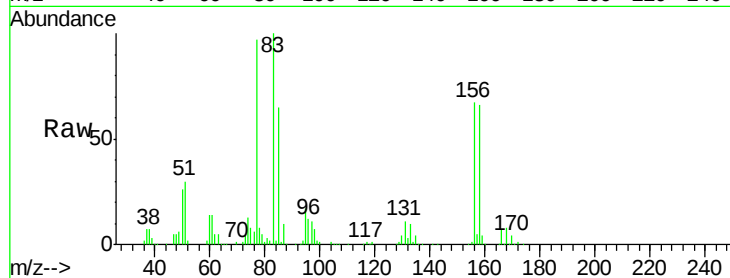
85 65.5 32.5 97.5

Manual Integrations

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#76

1,2,3-Trichloropropane

Concen: 53.28 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024892.D

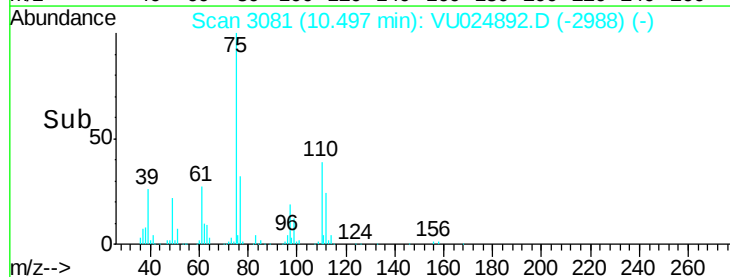
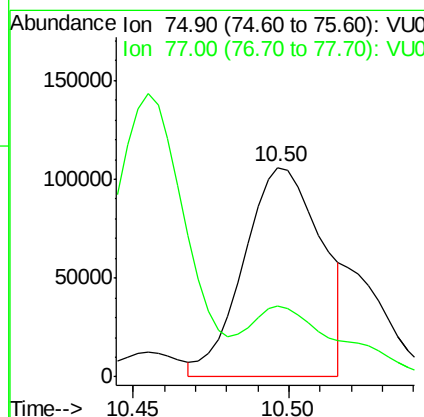
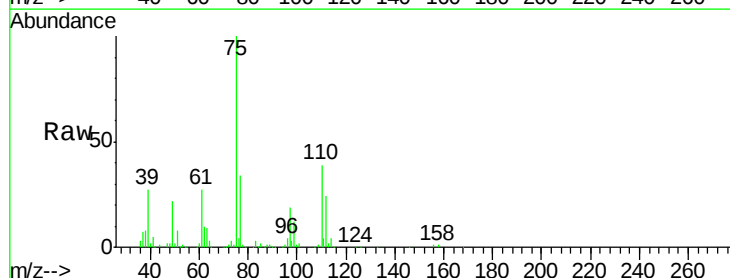
Acq: 25 Jun 2018 22:36

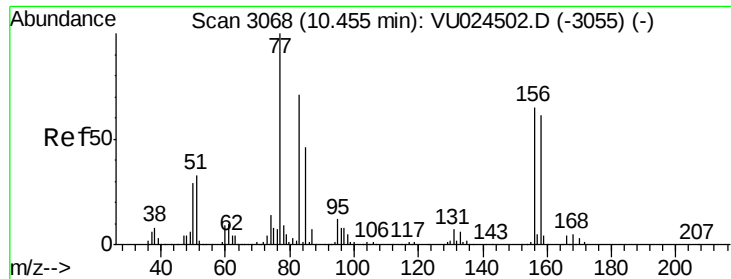
Tgt Ion: 75 Resp: 184071

Ion Ratio Lower Upper

75 100

77 39.2 20.9 62.7





#77

Bromobenzene

Concen: 49.52 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

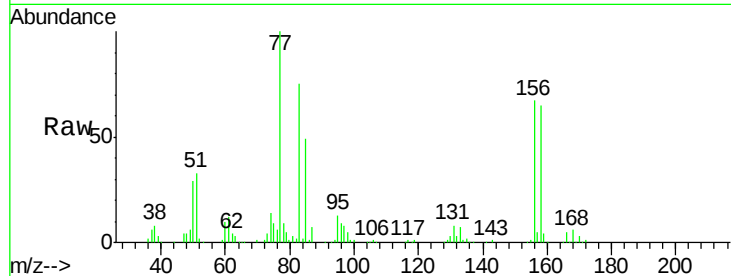
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	152.9	80.5	241.3	
158	98.1	48.2	144.6	

Manual Integrations
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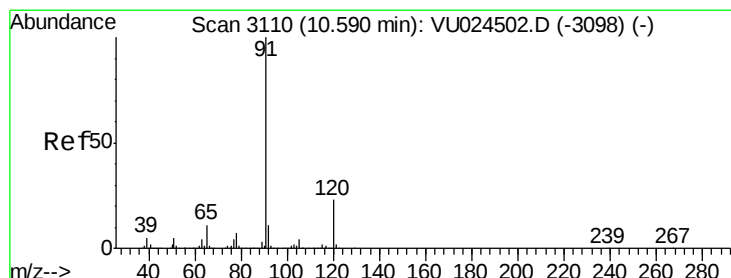
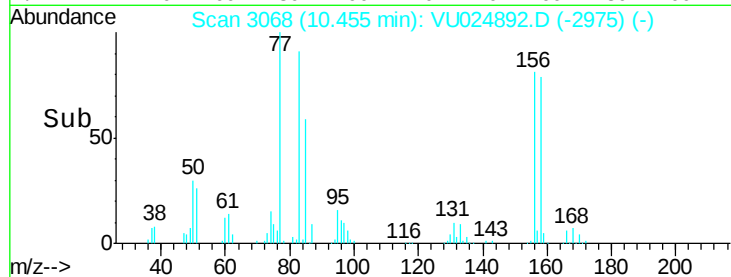
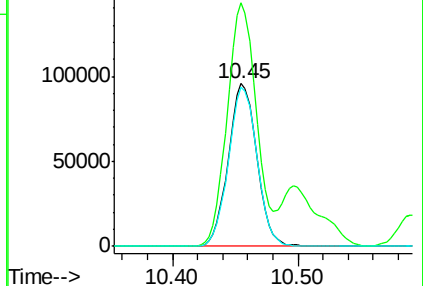
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.42 ug/l

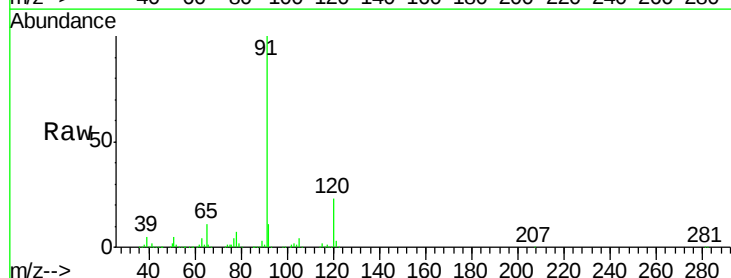
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024892.D

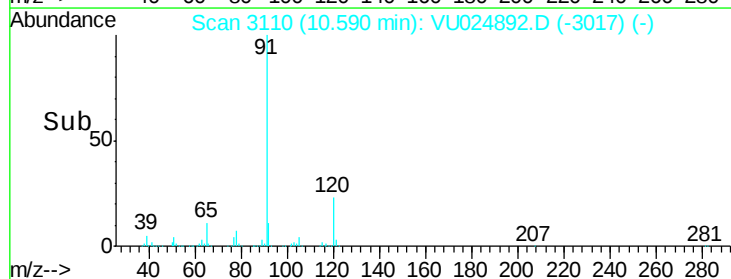
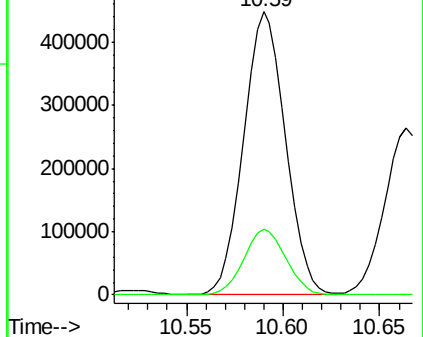
Acq: 25 Jun 2018 22:36

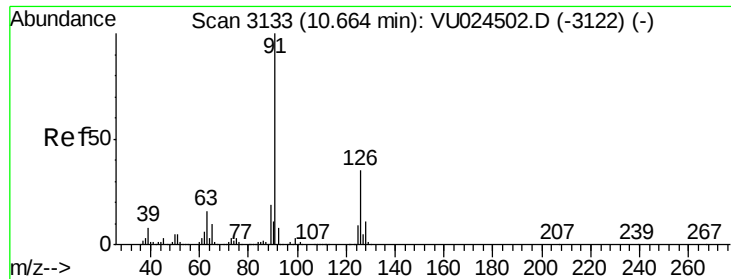
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.5	11.2	33.5	



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.72 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 407745

Ion Ratio Lower Upper

91 100

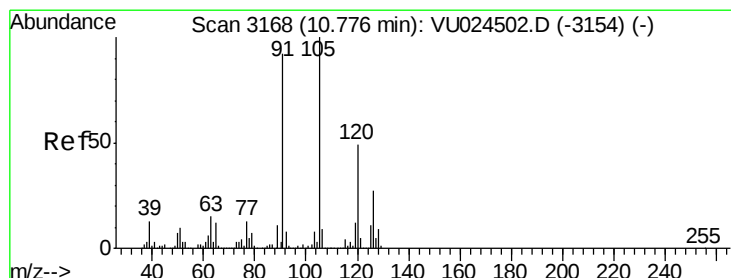
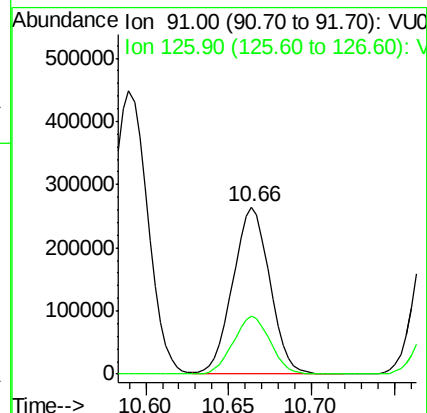
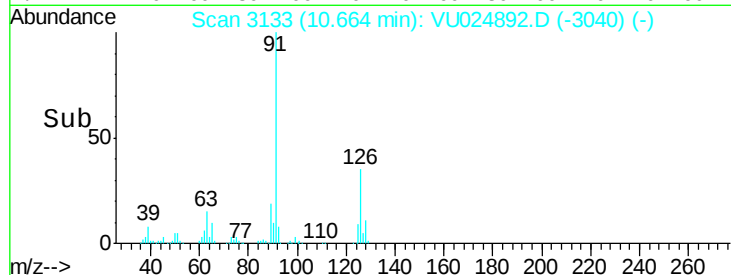
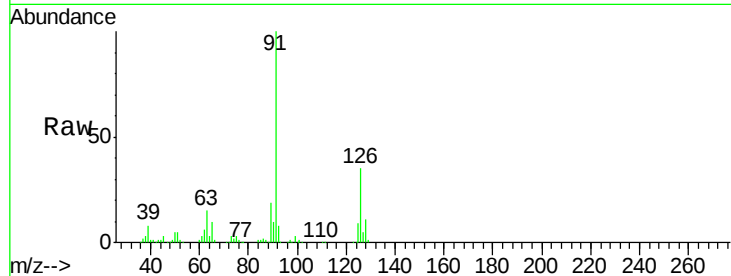
126 35.0 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.36 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024892.D

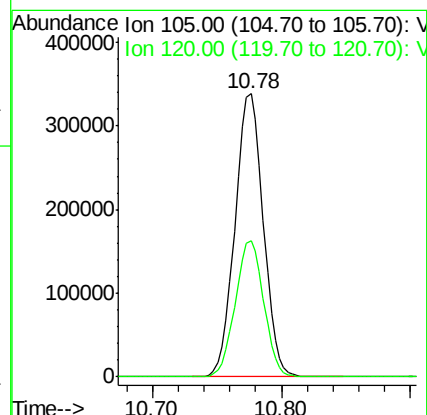
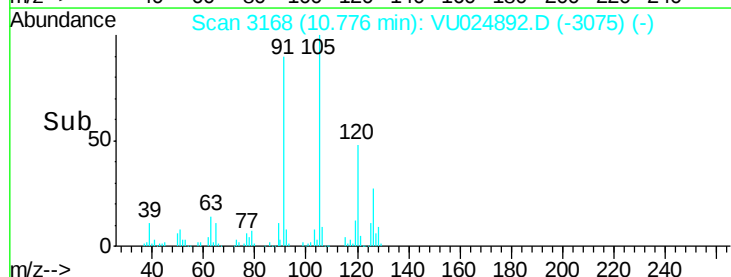
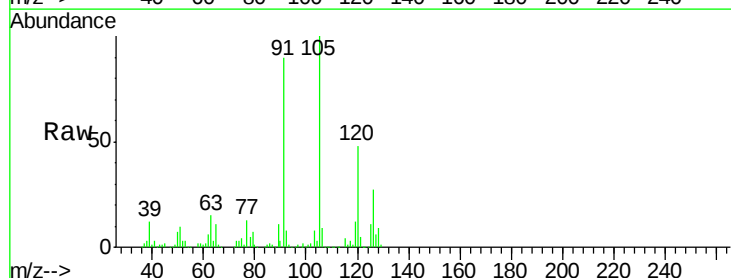
Acq: 25 Jun 2018 22:36

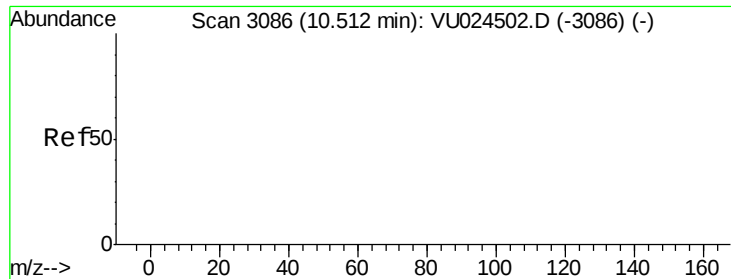
Tgt Ion: 105 Resp: 515436

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.2





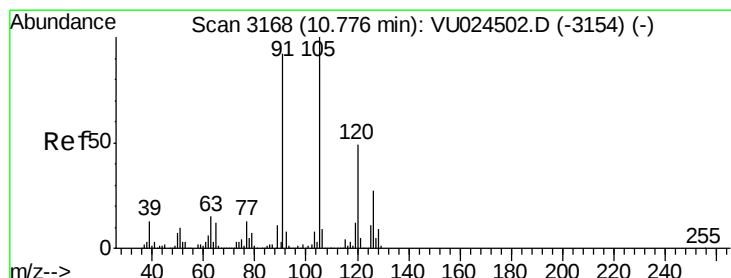
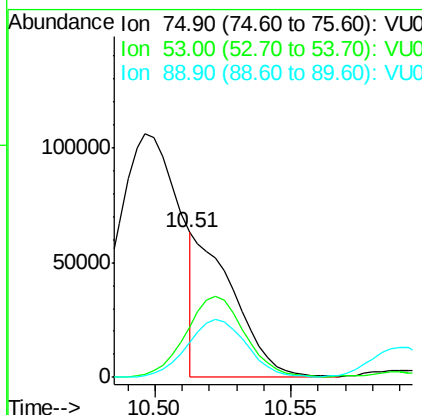
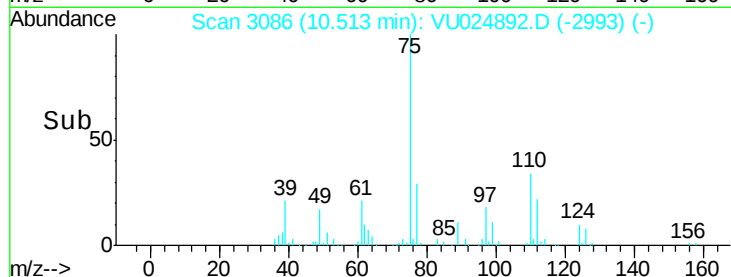
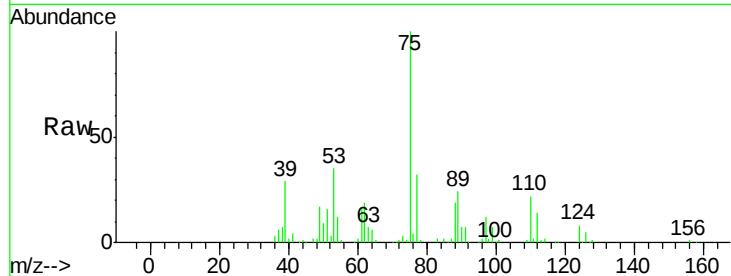
#81
trans-1,4-Dichloro-2-butene
Concen: 43.08 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

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

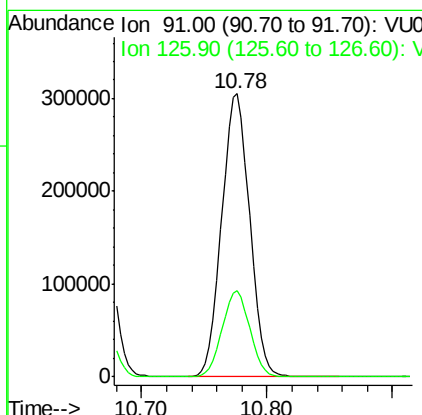
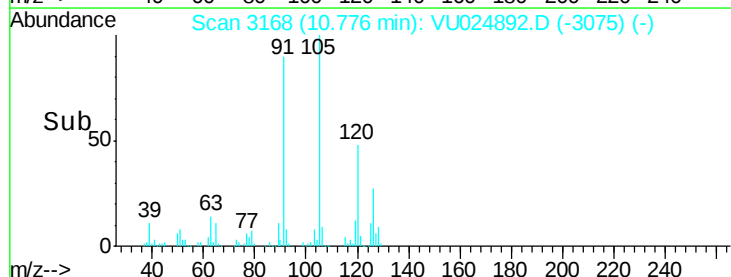
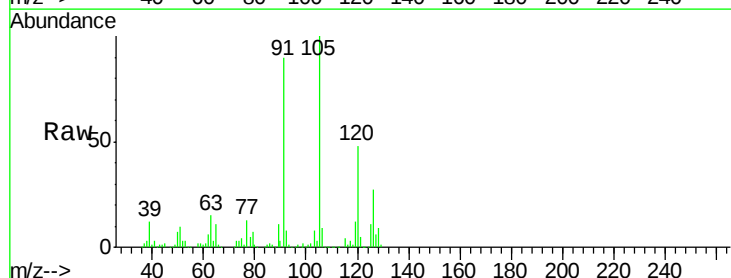
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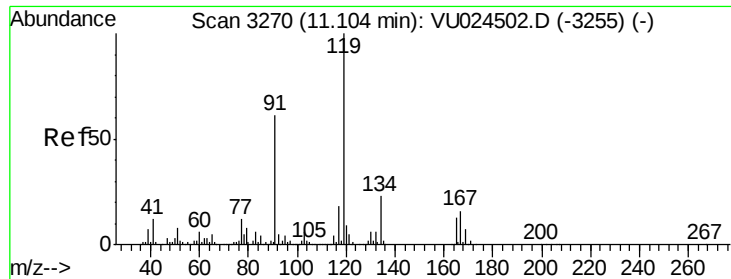
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#82
4-Chlorotoluene
Concen: 48.33 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.9	44.9





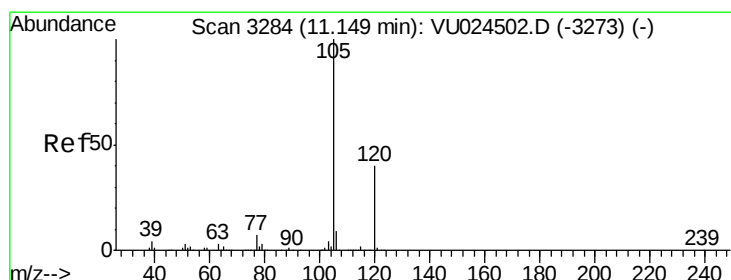
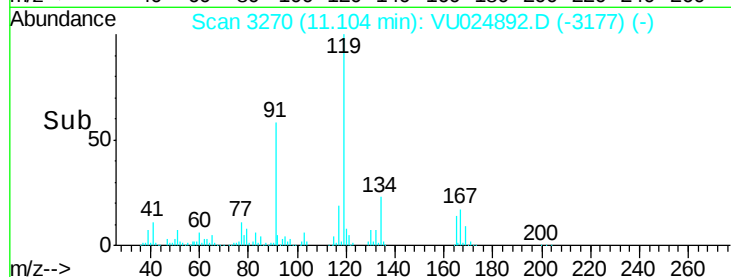
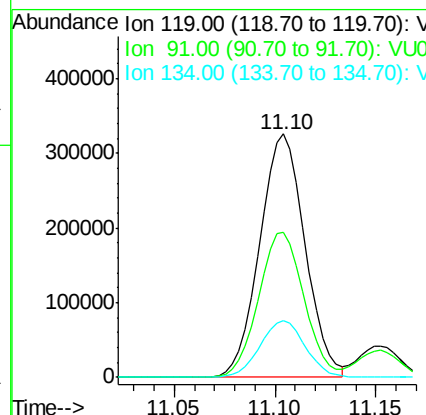
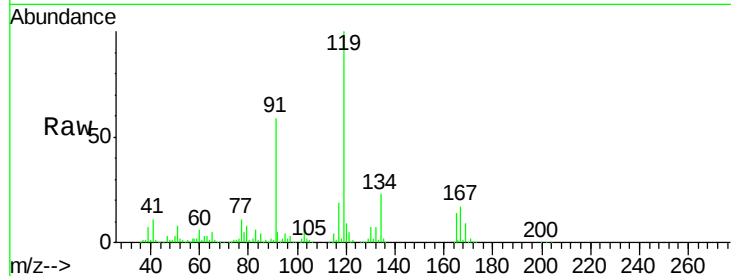
#83
 tert-Butylbenzene
 Concen: 50.87 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.7	89.1
134	23.2	11.6	34.7

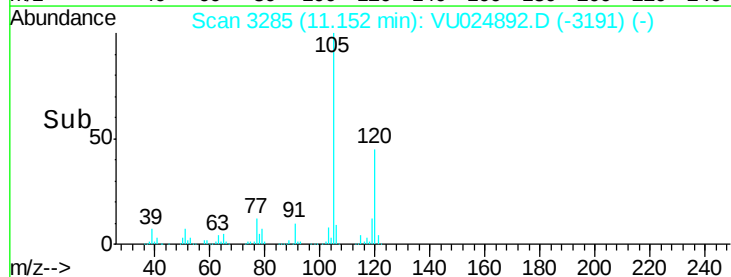
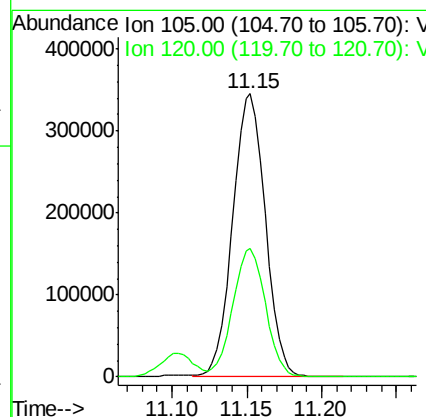
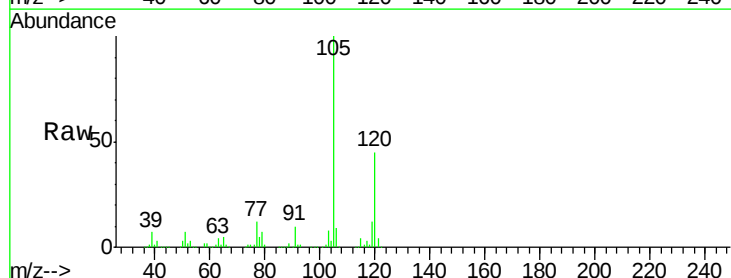
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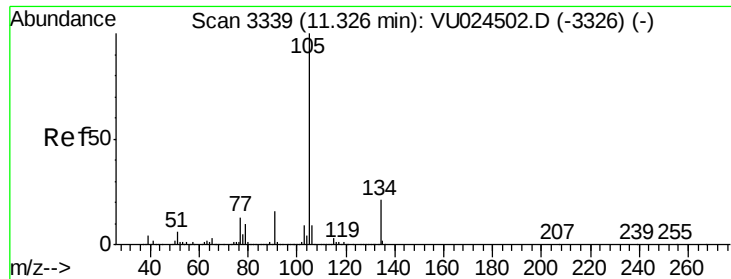
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.19 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.8





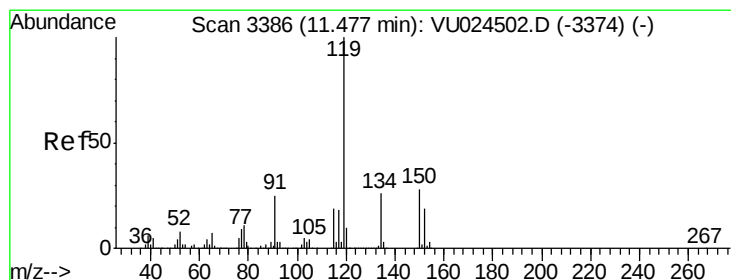
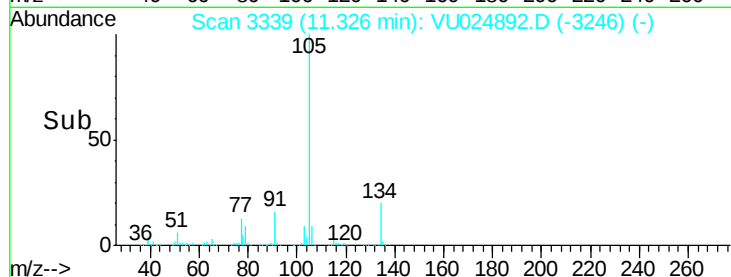
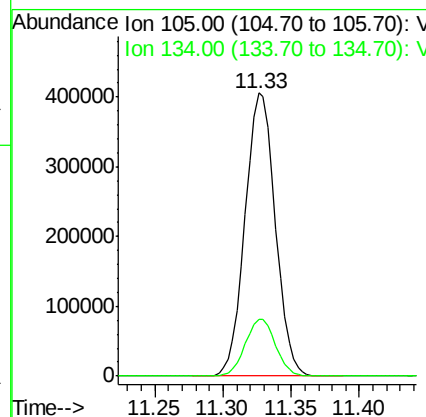
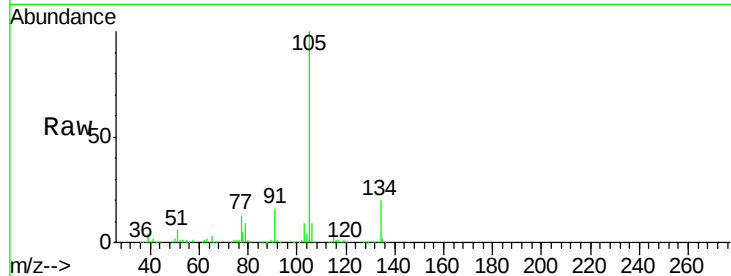
#85
 sec-Butylbenzene
 Concen: 49.68 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.7	29.1

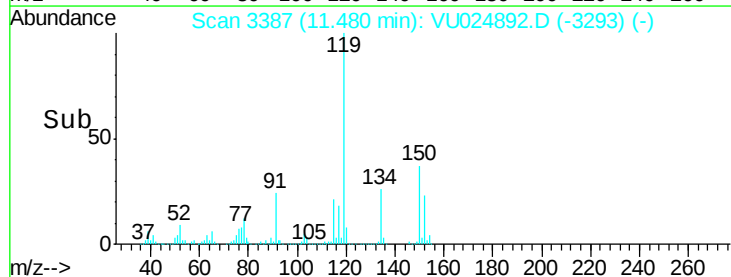
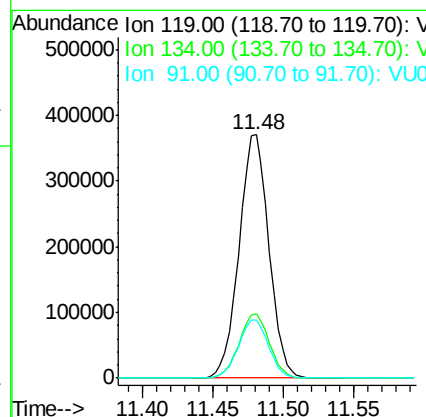
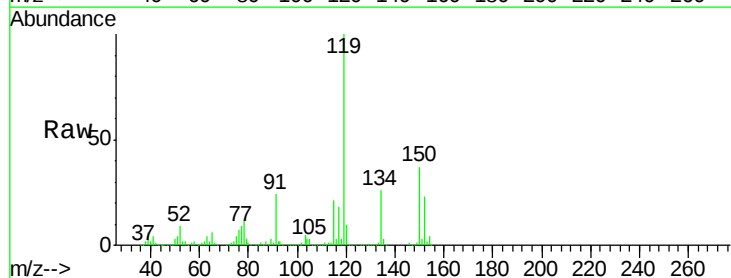
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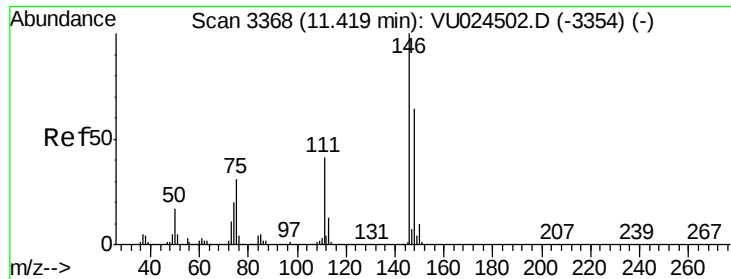
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#86
 p-Isopropyltoluene
 Concen: 48.66 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.9	38.6
91	24.2	12.0	36.1





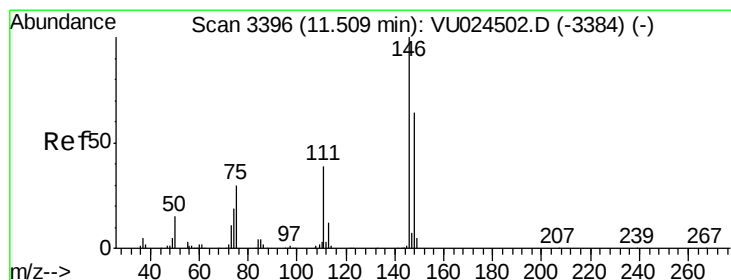
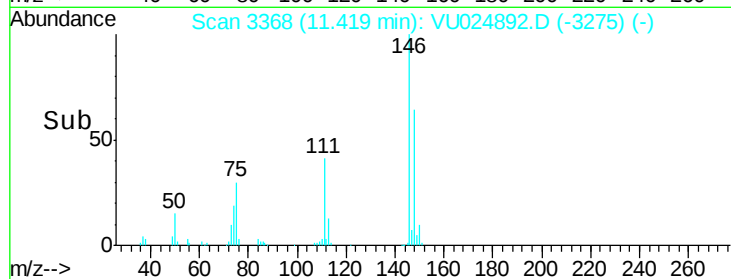
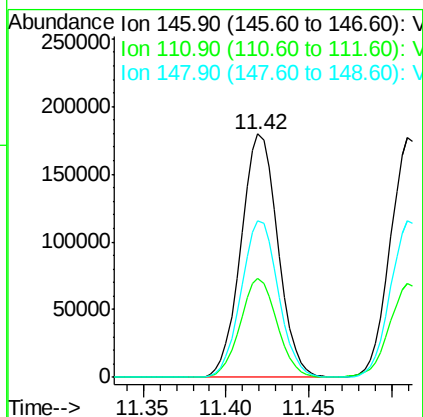
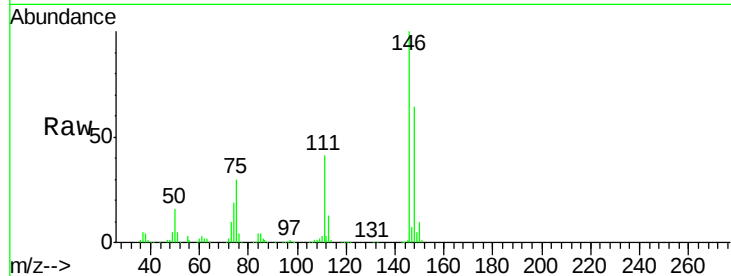
#87
 1,3-Dichlorobenzene
 Concen: 49.48 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	64.5	32.1	96.5

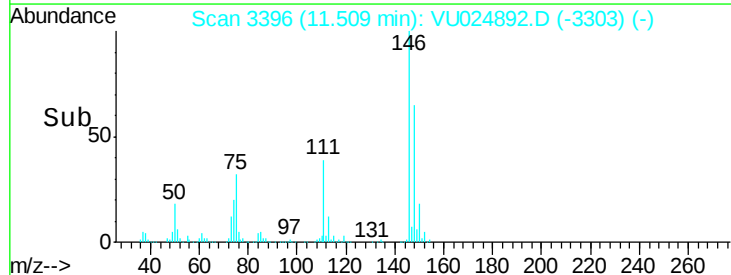
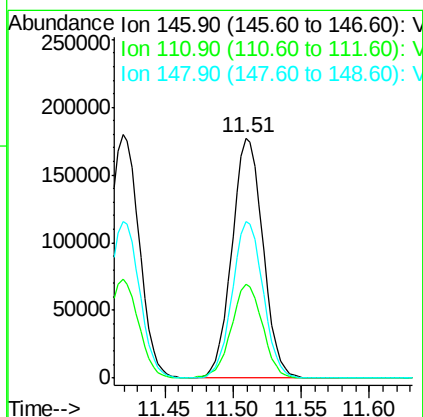
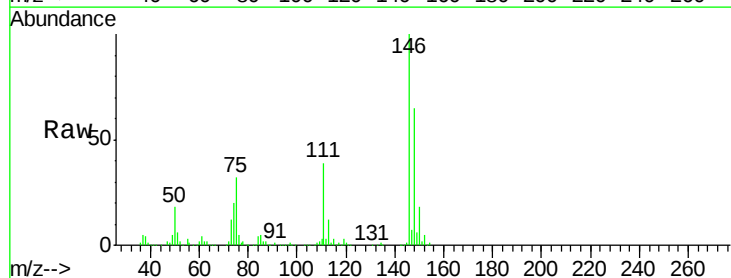
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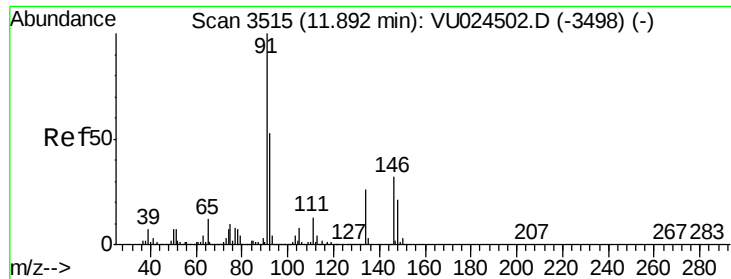
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#88
 1,4-Dichlorobenzene
 Concen: 49.26 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	65.0	32.4	97.0





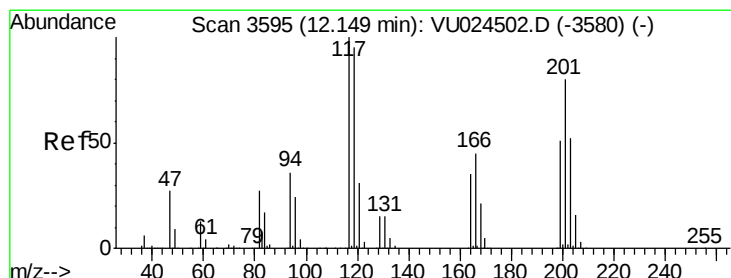
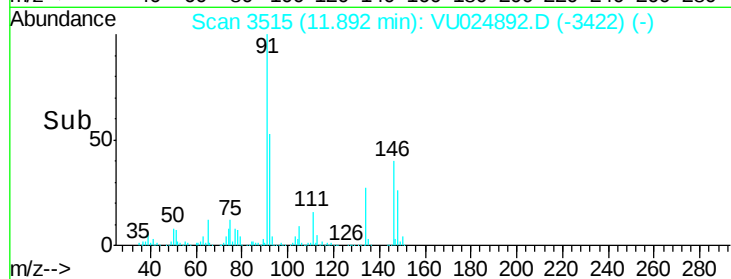
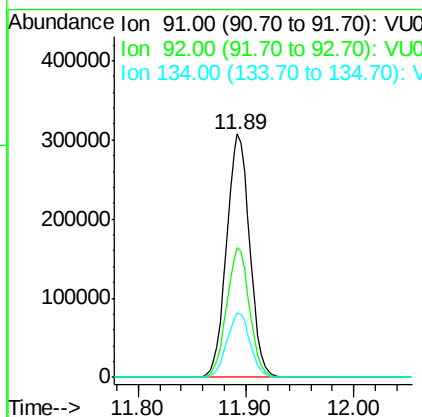
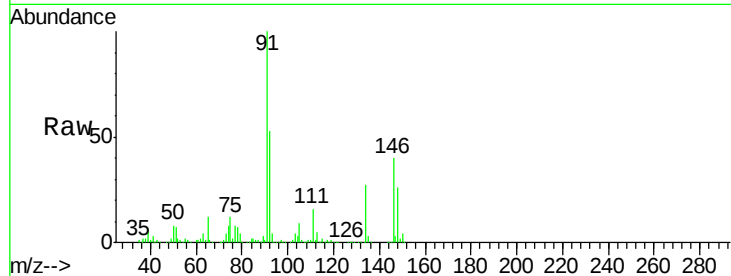
#89
n-Butylbenzene
Concen: 45.74 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.6	76.8
134	26.6	12.3	36.8

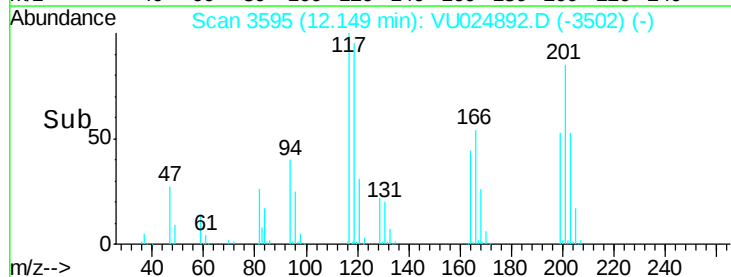
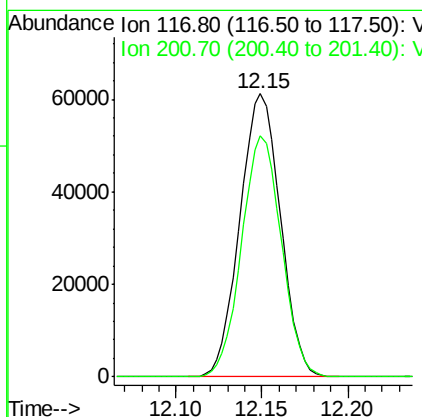
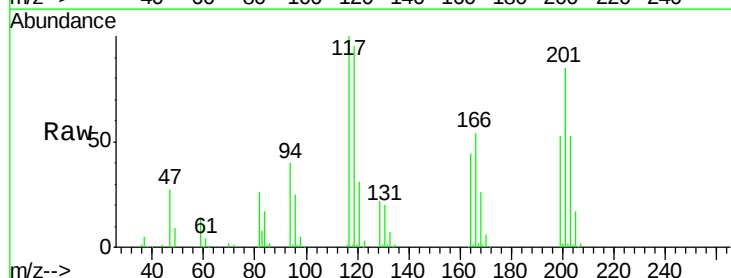
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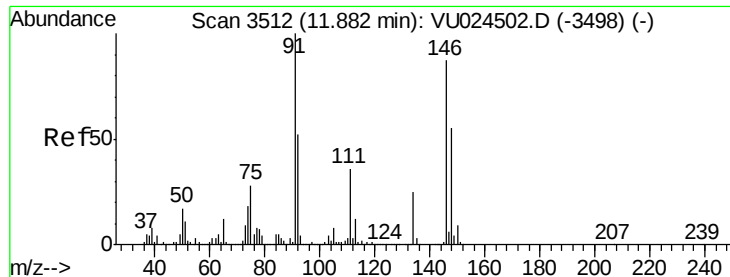
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#90
Hexachloroethane
Concen: 45.57 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024892.D
Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	41.1	123.3





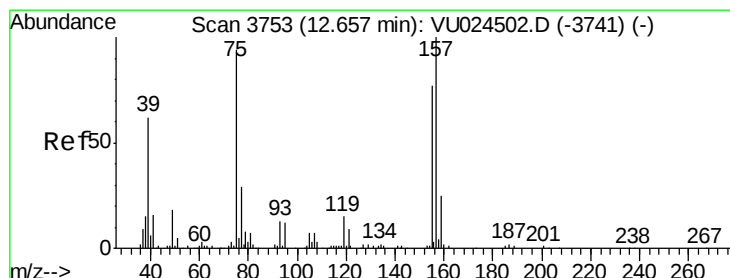
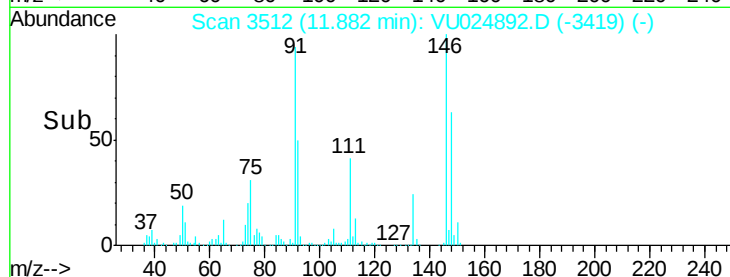
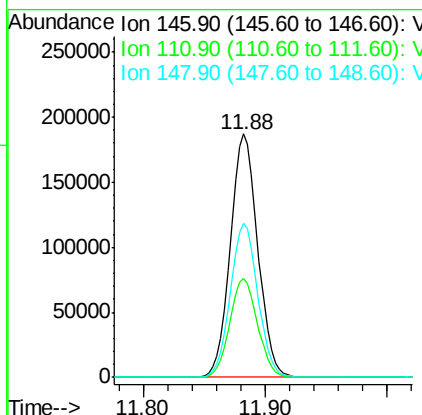
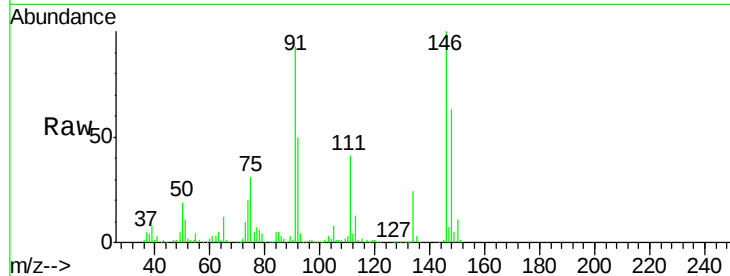
#91
 1,2-Dichlorobenzene
 Concen: 51.88 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	292837		
111	41.2	20.5	61.6	
148	63.4	31.9	95.7	

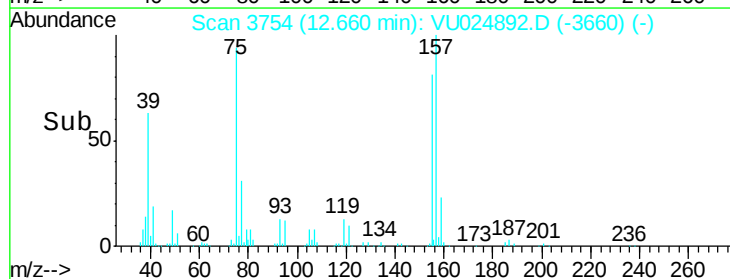
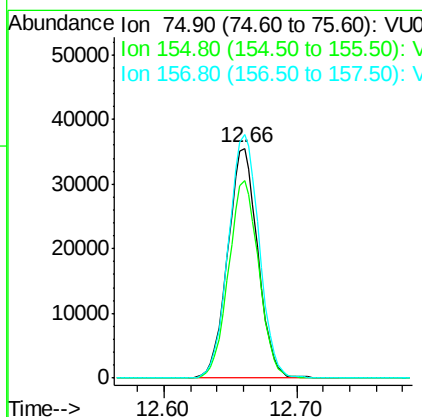
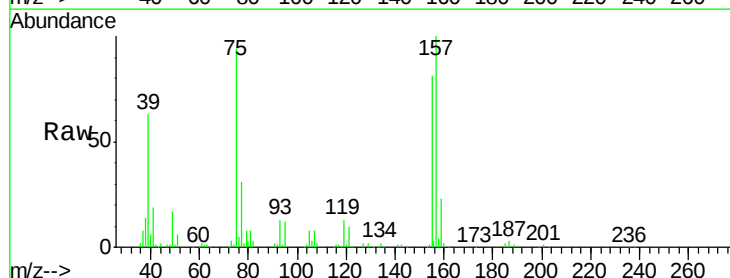
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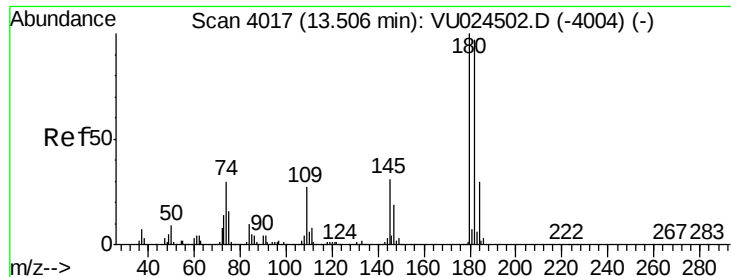
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.25 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55976		
155	85.9	40.4	121.2	
157	107.9	52.3	156.8	





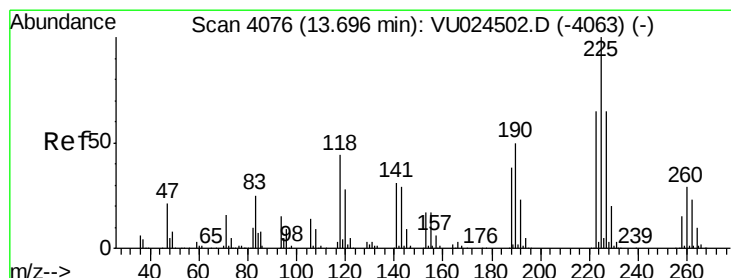
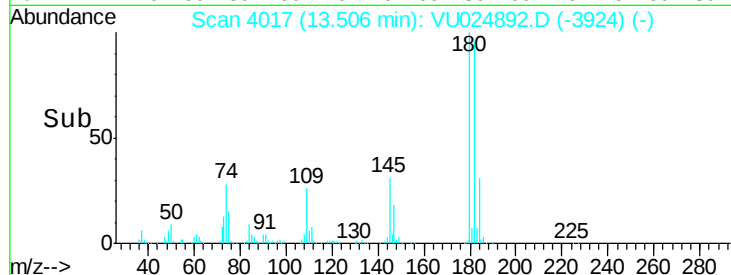
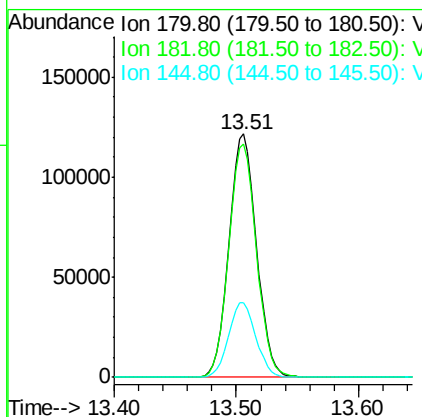
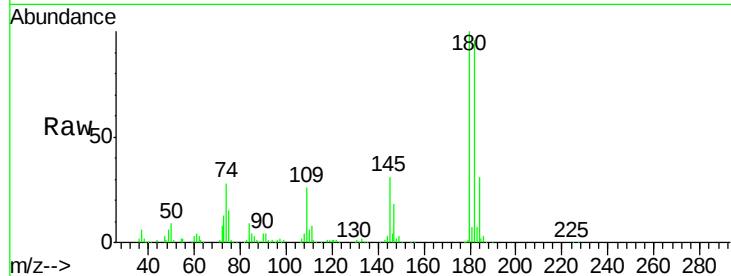
#93
 1,2,4-Trichlorobenzene
 Concen: 54.99 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	191667		
182	96.9	48.0	144.2	
145	30.6	14.7	44.1	

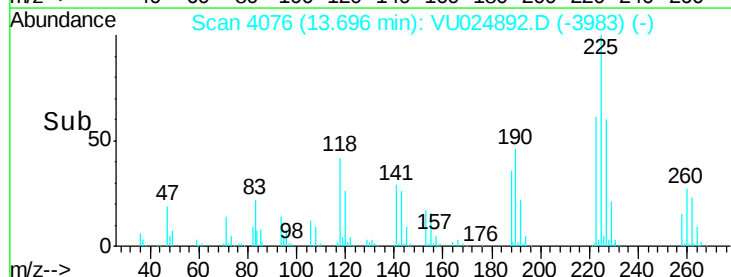
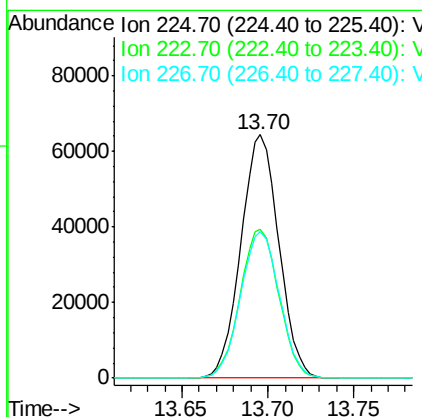
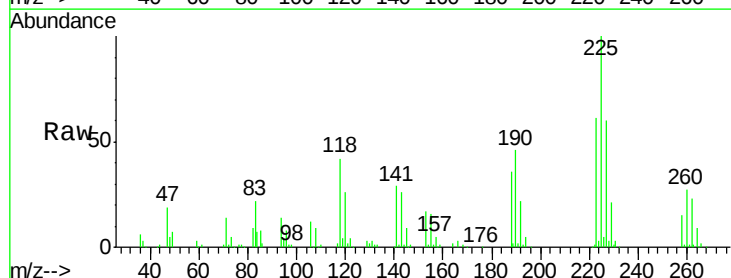
Manual Integrations
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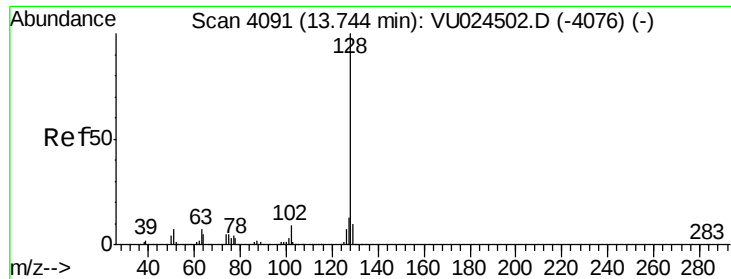
apatel
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#94
 Hexachlorobutadiene
 Concen: 50.41 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024892.D
 Acq: 25 Jun 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98888		
223	62.3	31.3	93.8	
227	61.7	31.8	95.4	





#95

Naphthalene

Concen: 54.74 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Instrument :

MSVOA_U

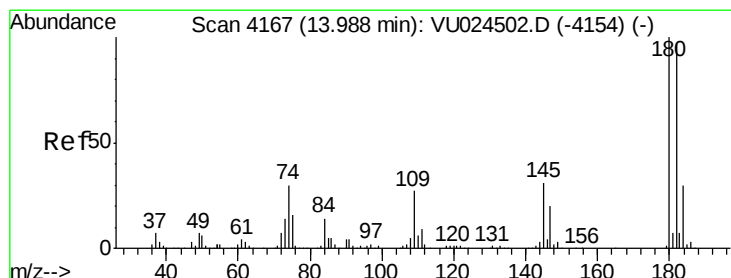
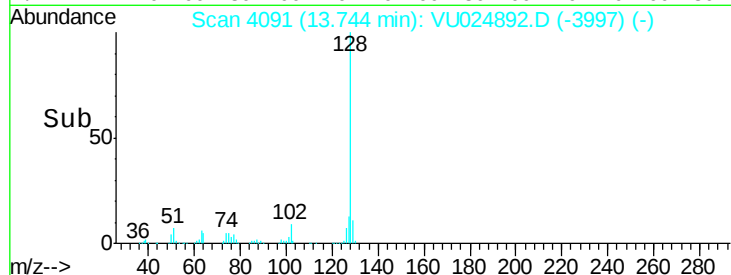
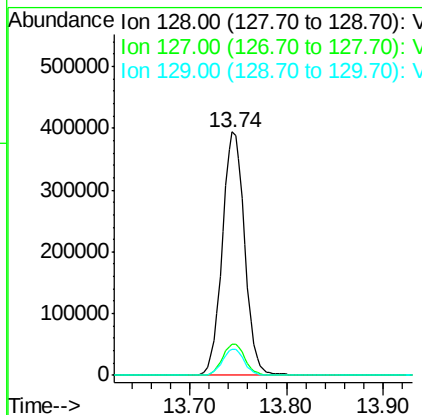
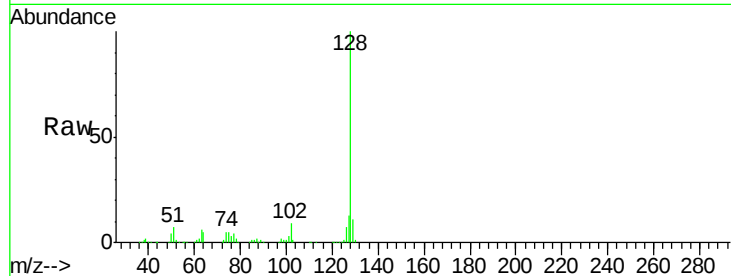
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	632329
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.4	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 58.00 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024892.D

Acq: 25 Jun 2018 22:36

Tgt Ion:	180	Resp:	201435
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.9	143.7
145	32.3	15.4	46.1

