

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025079.D
 Acq On : 30 Jun 2018 11:22
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 7/2/2018 4:16:50 PM

Quant Time: Jul 02 06:26:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	180162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	266020	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	252314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	131129	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	
35) Dibromofluoromethane	4.89	113	108479	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.57	98	356312	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
62) 4-Bromofluorobenzene	10.31	95	152787	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96234	42.67	ug/l	98
3) Chloromethane	1.33	50	96898	42.06	ug/l	99
4) Vinyl Chloride	1.40	62	107197	45.12	ug/l	99
5) Bromomethane	1.62	94	68792	59.89	ug/l	100
6) Chloroethane	1.69	64	68694	51.78	ug/l	100
7) Trichlorofluoromethane	1.89	101	180927	49.90	ug/l	98
8) Diethyl Ether	2.10	74	68742	55.93	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	111908	49.75	ug/l	98
10) Methyl Iodide	2.41	142	108068	56.05	ug/l	97
11) Tert butyl alcohol	2.82	59	163348	228.36	ug/l	100
12) 1,1-Dichloroethene	2.28	96	98868	48.20	ug/l	98
13) Acrolein	2.19	56	58151	154.81	ug/l	99
14) Allyl chloride	2.59	41	195033	51.20	ug/l	92
15) Acrylonitrile	2.93	53	325655	233.99	ug/l	99
16) Acetone	2.32	43	392691	248.49	ug/l	98
17) Carbon Disulfide	2.48	76	279872	42.61	ug/l	99
18) Methyl Acetate	2.62	43	186496	55.05	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	395501	51.29	ug/l	96
20) Methylene Chloride	2.70	84	118555	47.81	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	110893	49.08	ug/l	98
22) Diisopropyl ether	3.57	45	378382	50.11	ug/l	94
23) Vinyl Acetate	3.53	43	1587975	234.78	ug/l	99
24) 1,1-Dichloroethane	3.45	63	217014	49.96	ug/l	99
25) 2-Butanone	4.26	43	509277	239.92	ug/l	98
26) 2,2-Dichloropropane	4.23	77	210812	51.11	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	131849	50.76	ug/l	100
28) Bromochloromethane	4.55	49	84619	44.23	ug/l	86
29) Tetrahydrofuran	4.63	42	299752	228.03	ug/l	96
30) Chloroform	4.68	83	230822	52.50	ug/l	100
31) Cyclohexane	5.00	56	196046	50.86	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	211324	51.98	ug/l	96
36) 1,1-Dichloropropene	5.14	75	167745	53.66	ug/l	98
37) Ethyl Acetate	4.38	43	174248	51.14	ug/l	97
38) Carbon Tetrachloride	5.14	117	188296	54.78	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	210786	54.03	ug/l	96
40) Benzene	5.39	78	481092	54.01	ug/l	100
41) Methacrylonitrile	4.54	41	98269	53.50	ug/l	98
42) 1,2-Dichloroethane	5.41	62	196190	57.83	ug/l	100
43) Isopropyl Acetate	5.55	43	287871	48.88	ug/l	99
44) Trichloroethene	6.19	130	136197	53.73	ug/l	95
45) 1,2-Dichloropropane	6.44	63	127570	53.68	ug/l	98
46) Dibromomethane	6.56	93	91130	54.59	ug/l	95
47) Bromodichloromethane	6.76	83	179660	54.05	ug/l	99
48) Methyl methacrylate	6.62	41	150749	52.57	ug/l	99
49) 1,4-Dioxane	6.62	88	71173	1269.10	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	915285	247.38	ug/l	98
52) Toluene	7.64	92	314075	54.81	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	196497	52.64	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	203894	51.26	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	125597	53.92	ug/l	98
56) Ethyl methacrylate	8.02	69	195248	50.08	ug/l	99
57) 1,3-Dichloropropane	8.25	76	215332	54.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	337925	226.24	ug/l	95
59) 2-Hexanone	8.36	43	750169	248.35	ug/l	99
60) Dibromochloromethane	8.48	129	145526	50.10	ug/l	99
61) 1,2-Dibromoethane	8.59	107	138807	53.54	ug/l	99
64) Tetrachloroethene	8.23	164	130474	54.40	ug/l	98
65) Chlorobenzene	9.12	112	354701	55.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	133411	54.48	ug/l	98
67) Ethyl Benzene	9.25	91	615140	54.44	ug/l	98
68) m/p-Xylenes	9.38	106	483339	111.39	ug/l	98
69) o-Xylene	9.78	106	238248	55.48	ug/l	96
70) Styrene	9.80	104	381584	54.07	ug/l	99
71) Bromoform	9.96	173	114596	49.23	ug/l #	99
73) Isopropylbenzene	10.17	105	649104	53.90	ug/l	100
74) N-amyl acetate	10.01	43	264041	46.10	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	204574	50.70	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	188300m	54.53	ug/l	
77) Bromobenzene	10.45	156	163569	53.65	ug/l	95
78) n-propylbenzene	10.59	91	755923	53.29	ug/l	98
79) 2-Chlorotoluene	10.66	91	443394	53.00	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	567449	54.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	71921m	48.20	ug/l	
82) 4-Chlorotoluene	10.78	91	520472	53.46	ug/l	100
83) tert-Butylbenzene	11.10	119	555253	55.31	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	578056	54.35	ug/l	100
85) sec-Butylbenzene	11.33	105	676996	53.87	ug/l	97
86) p-Isopropyltoluene	11.48	119	611617	54.34	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	306383	54.40	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	305926	53.97	ug/l	99
89) n-Butylbenzene	11.89	91	513256	51.36	ug/l	97
90) Hexachloroethane	12.15	117	104783	47.72	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	314393	55.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53373	47.94	ug/l	91

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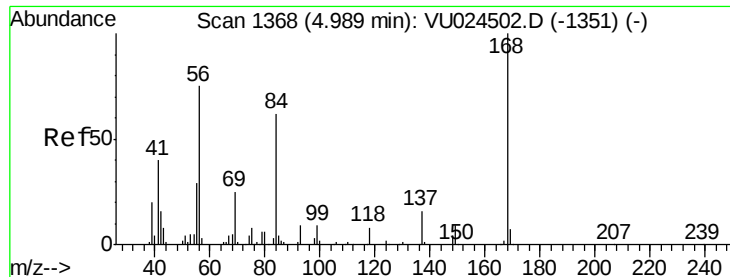
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	212899	61.11	ug/l	99
94) Hexachlorobutadiene	13.70	225	113904	58.09	ug/l	100
95) Naphthalene	13.74	128	638949	55.33	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	215571	62.10	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 180162

Ion Ratio Lower Upper

168 100

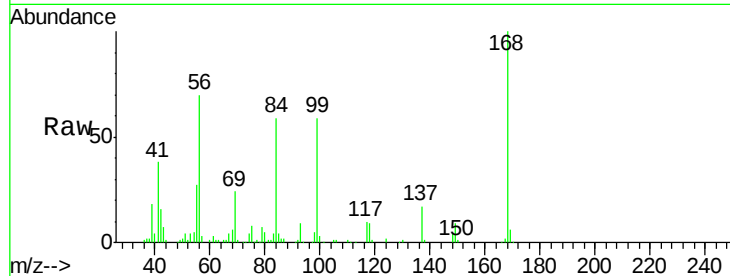
99 58.8 43.2 64.8

Manual Integrations

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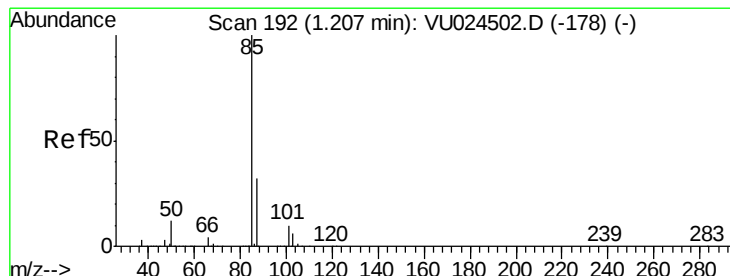
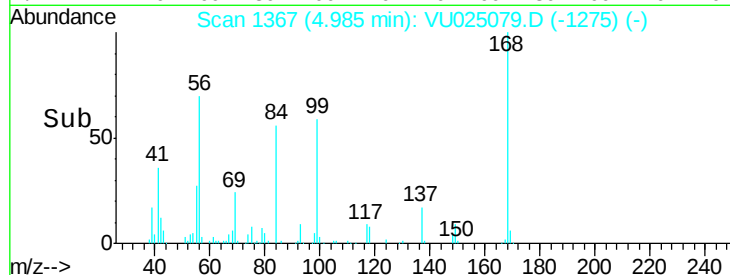
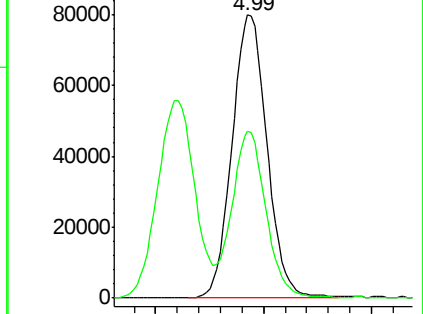
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 42.67 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025079.D

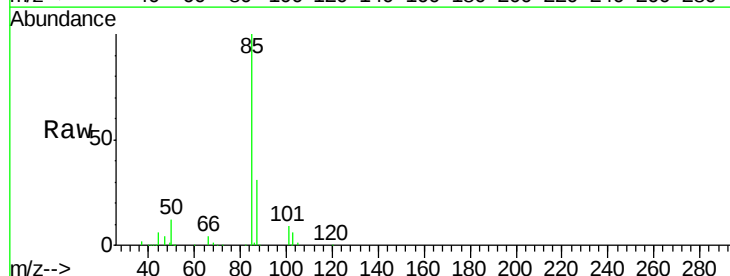
Acq: 30 Jun 2018 11:22

Tgt Ion: 85 Resp: 96234

Ion Ratio Lower Upper

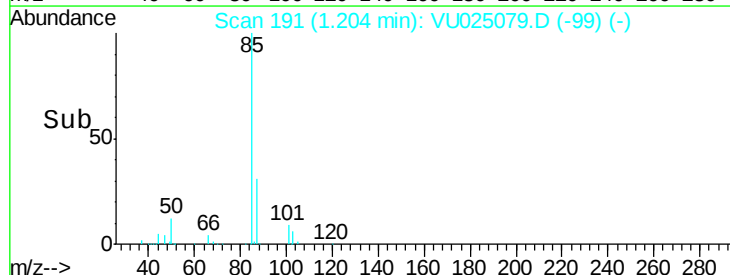
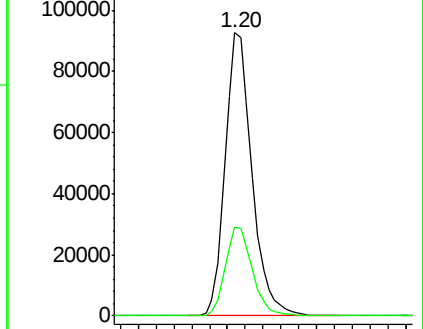
85 100

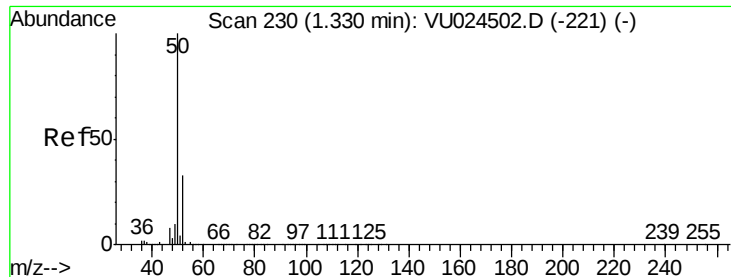
87 31.2 16.1 48.2



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

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





#3

Chloromethane

Concen: 42.06 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 96898

Ion Ratio Lower Upper

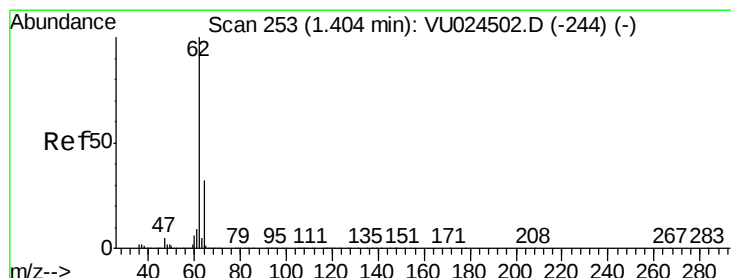
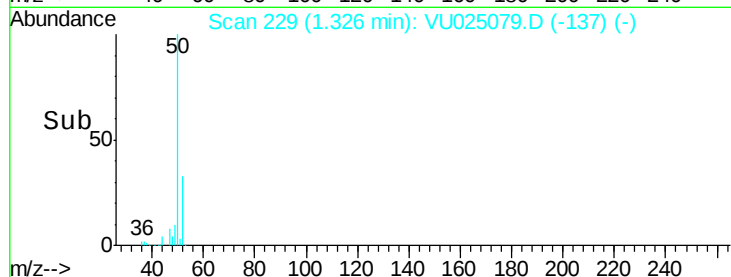
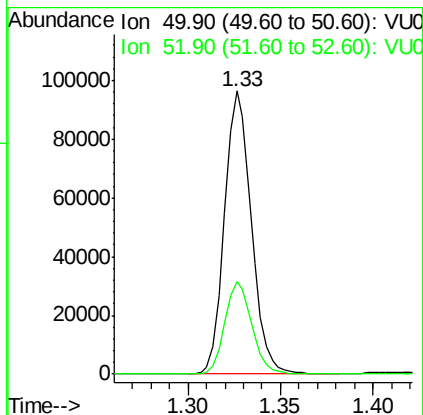
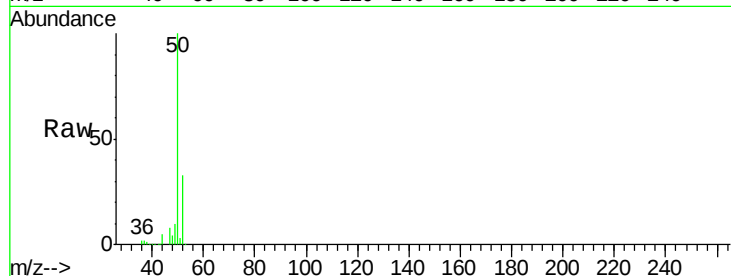
50 100

52 32.6 26.4 39.6

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#4

Vinyl Chloride

Concen: 45.12 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025079.D

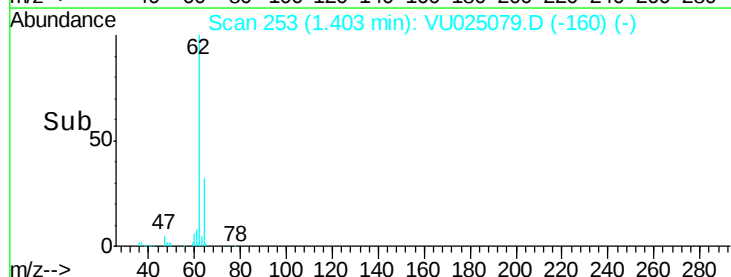
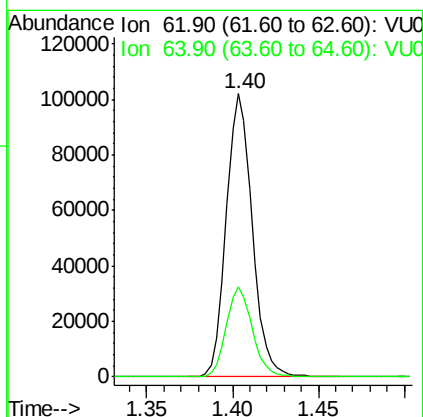
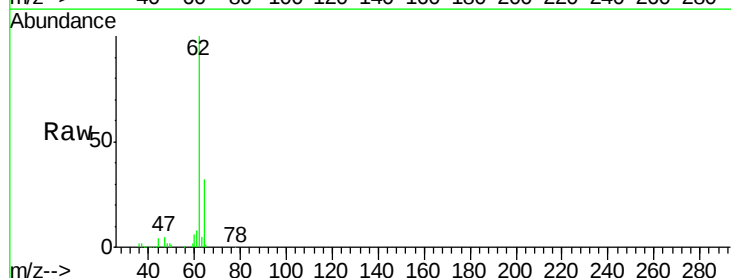
Acq: 30 Jun 2018 11:22

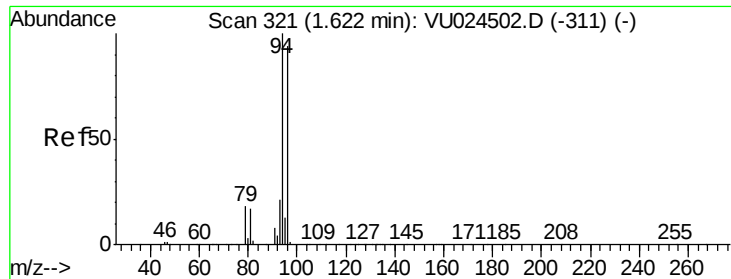
Tgt Ion: 62 Resp: 107197

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 59.89 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 68792

Ion Ratio Lower Upper

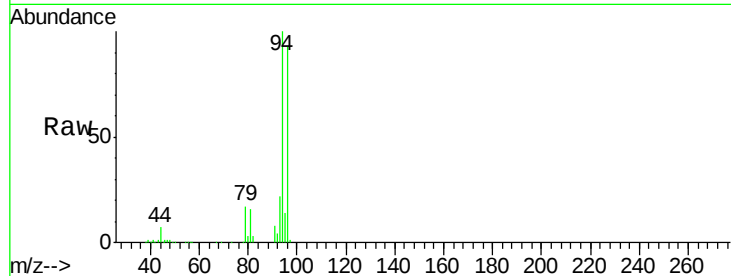
94 100

96 93.0 74.5 111.7

Manual Integrations
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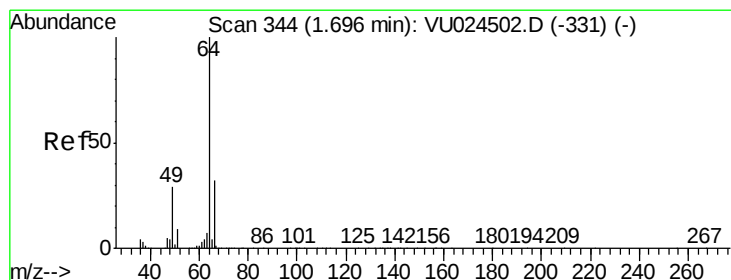
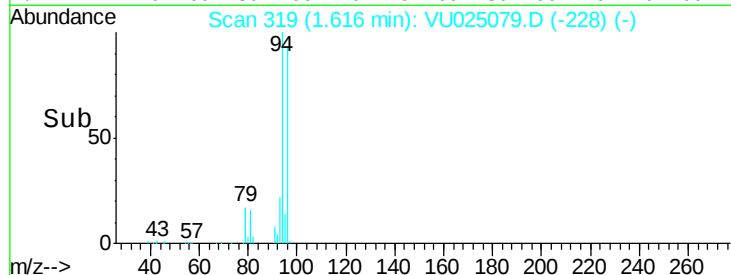
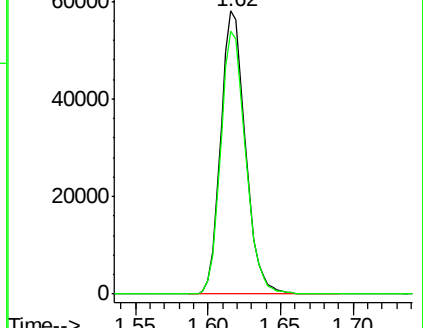
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Abundance Ion 93.90 (93.60 to 94.60): VU024502.D (-311) (-)

Ion 95.90 (95.60 to 96.60): VU024502.D (-311) (-)



#6

Chloroethane

Concen: 51.78 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025079.D

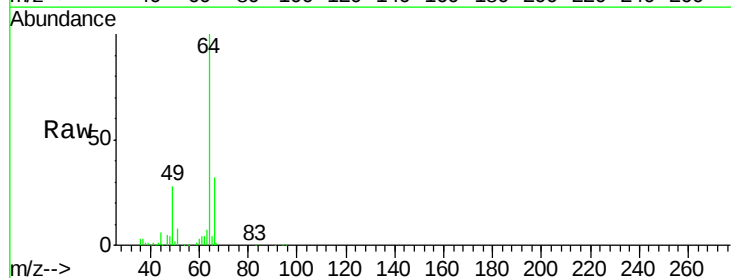
Acq: 30 Jun 2018 11:22

Tgt Ion: 64 Resp: 68694

Ion Ratio Lower Upper

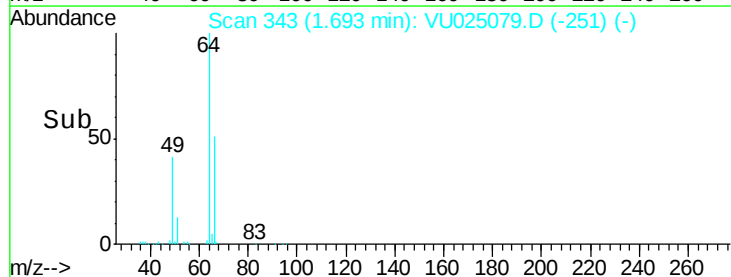
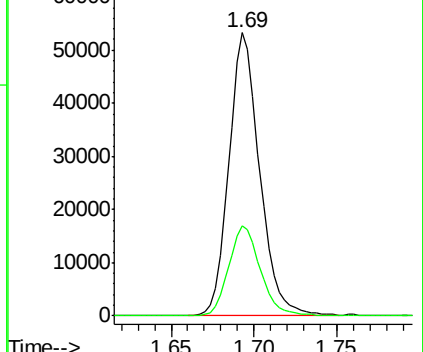
64 100

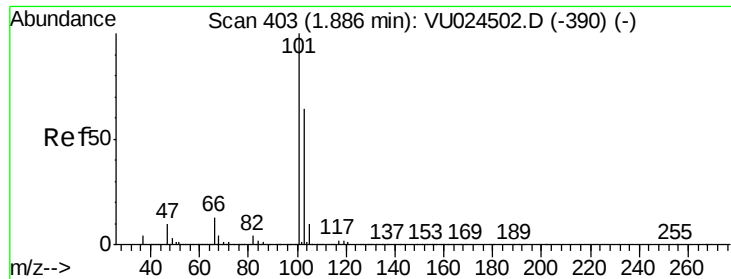
66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU024502.D (-331) (-)

Ion 65.90 (65.60 to 66.60): VU024502.D (-331) (-)





#7

Trichlorofluoromethane

Concen: 49.90 ug/l

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:101 Resp: 180927

Ion Ratio Lower Upper

101 100

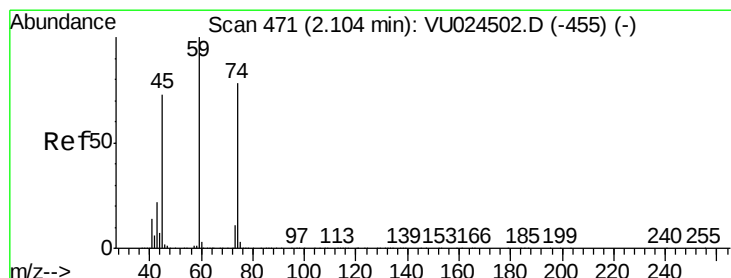
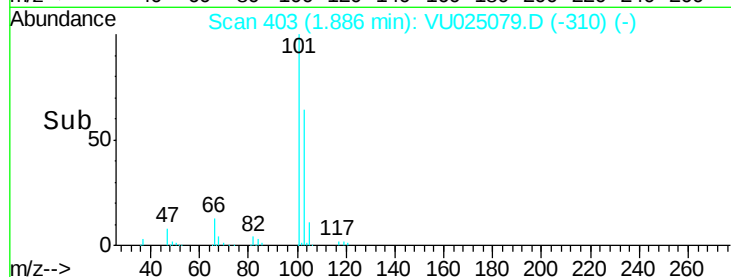
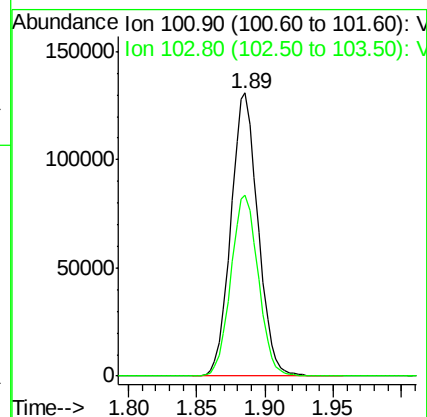
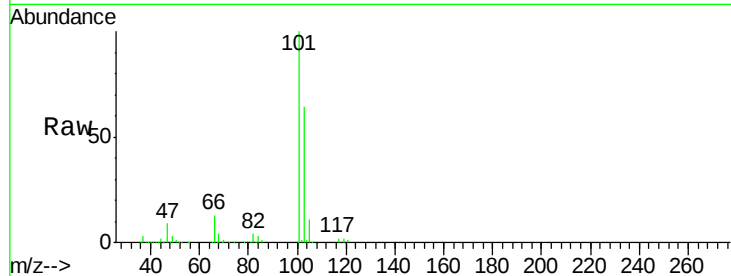
103 64.2 52.3 78.5

Manual Integrations

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#8

Diethyl Ether

Concen: 55.93 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025079.D

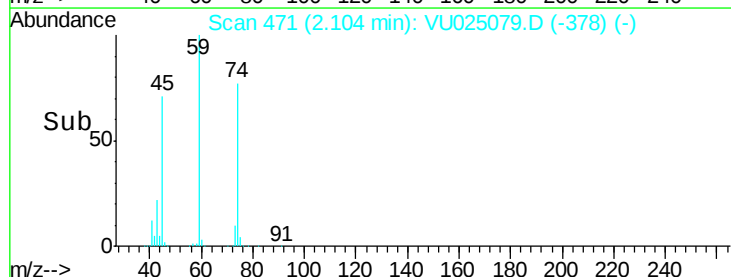
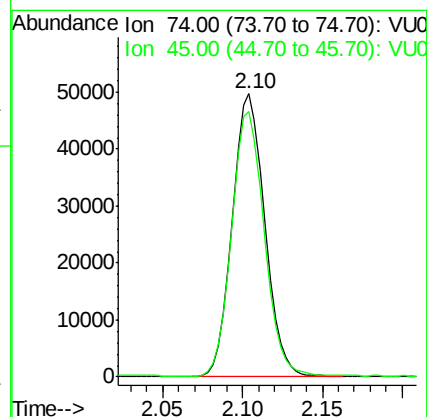
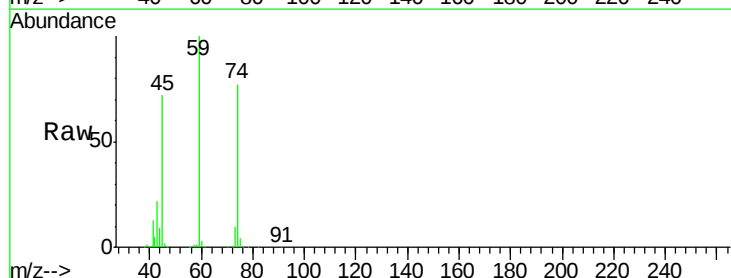
Acq: 30 Jun 2018 11:22

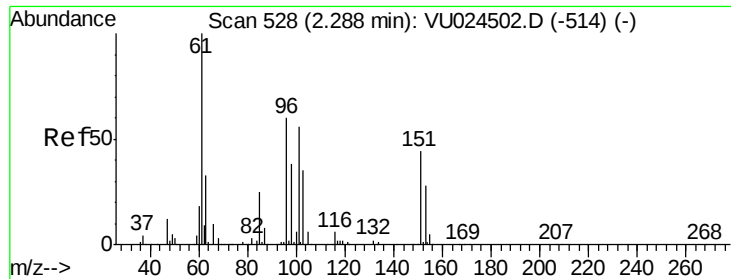
Tgt Ion: 74 Resp: 68742

Ion Ratio Lower Upper

74 100

45 94.6 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.75 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025079.D

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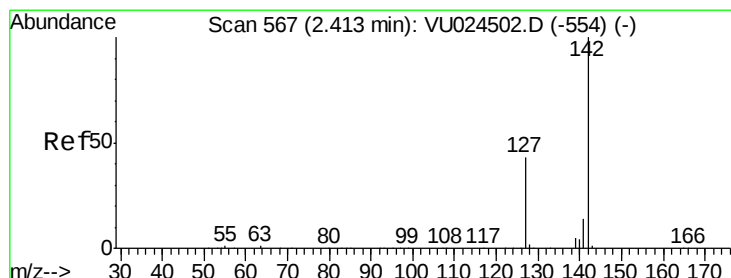
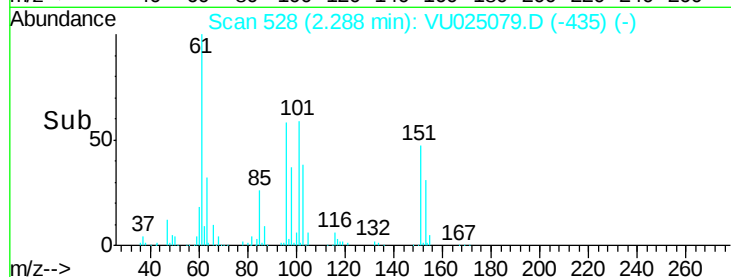
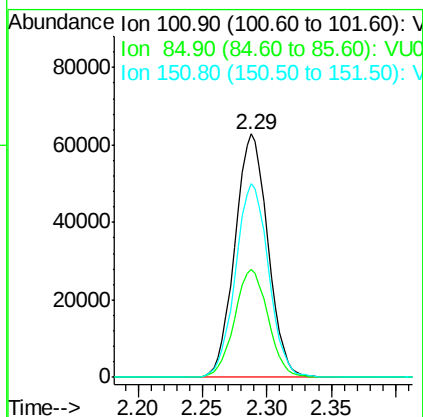
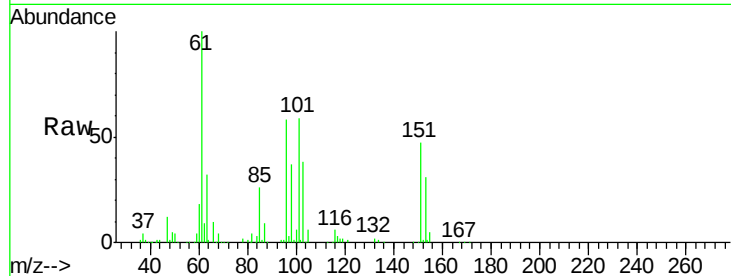
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	111908
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	80.1	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 56.05 ug/l

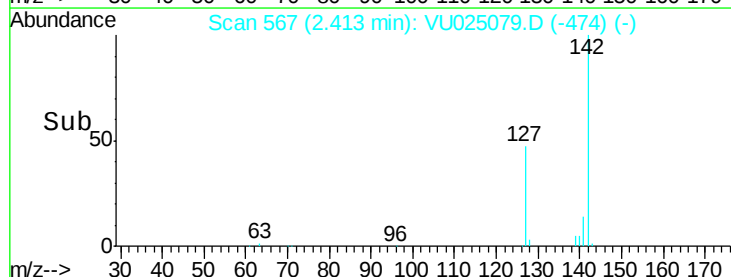
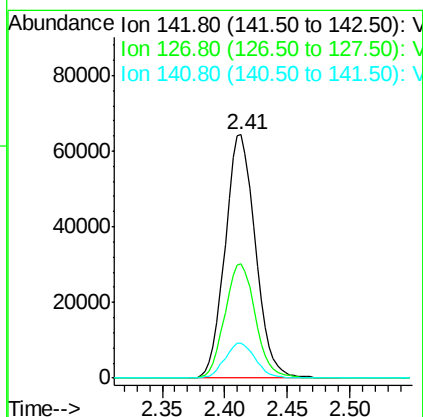
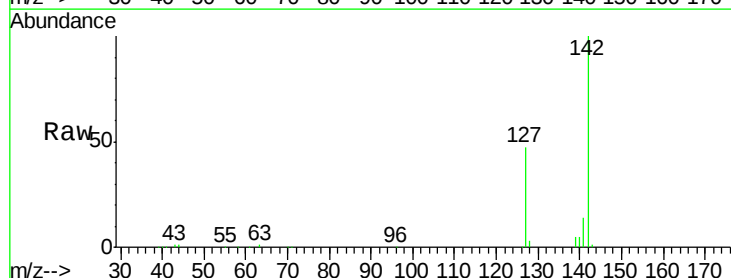
RT: 2.41 min Scan# 567

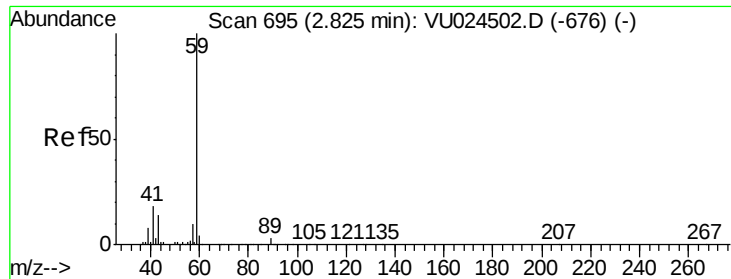
Delta R.T. 0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion:	142	Resp:	108068
Ion Ratio	Lower	Upper	
142	100		
127	47.4	35.6	53.4
141	14.5	11.7	17.5





#11

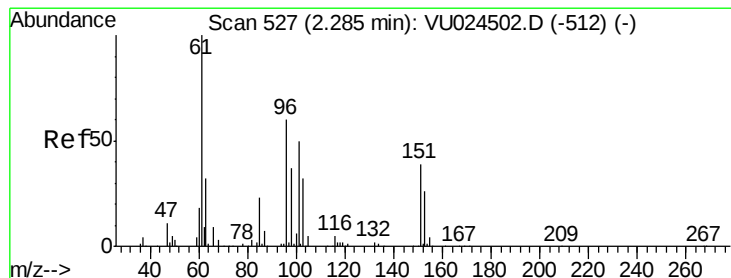
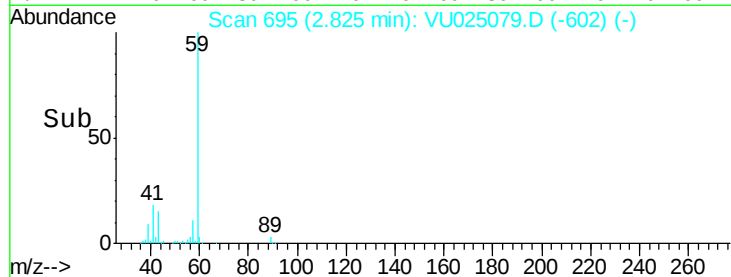
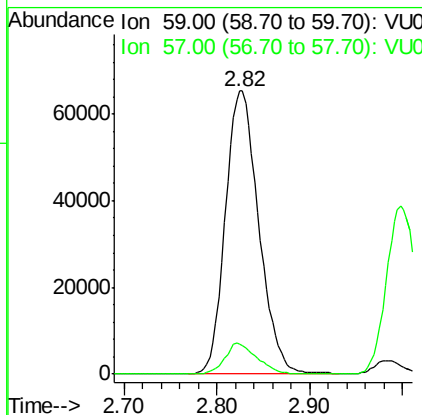
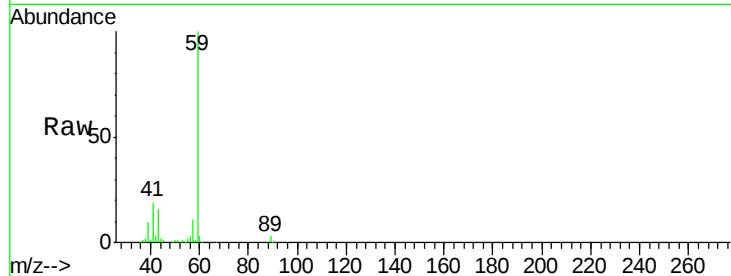
Tert butyl alcohol
 Concen: 228.36 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

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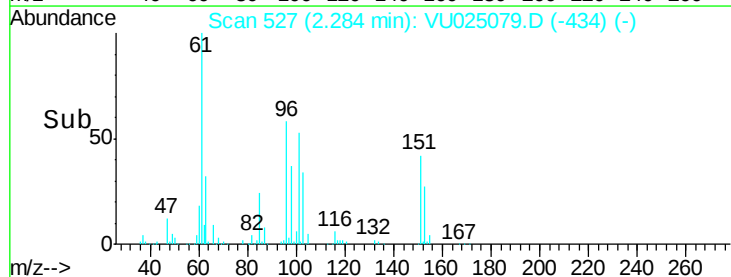
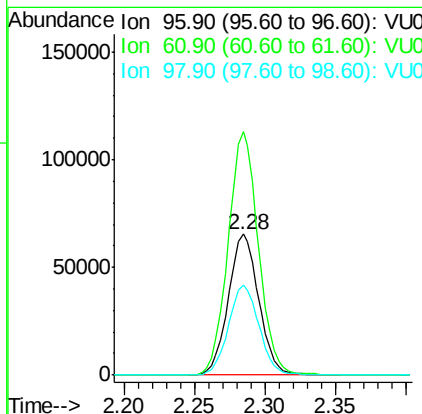
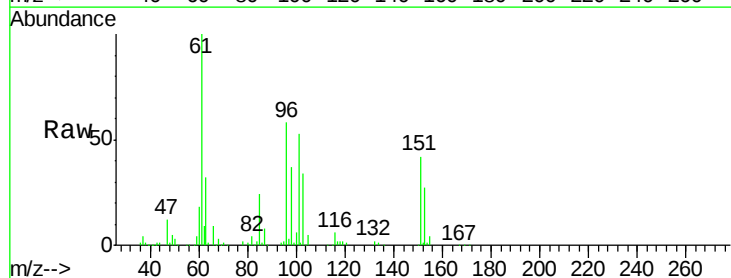
apatel
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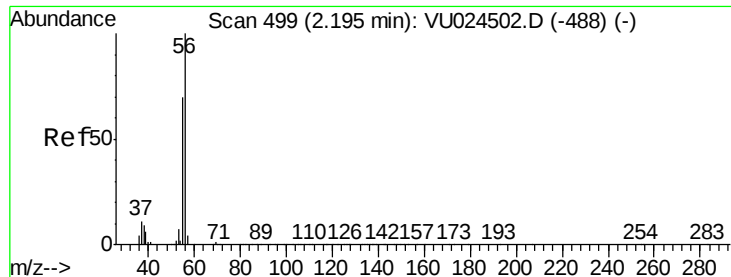


#12

1,1-Dichloroethene
 Concen: 48.20 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.1	141.7	212.5
98	63.8	51.6	77.4





#13

Acrolein

Concen: 154.81 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 58151

Ion Ratio Lower Upper

56 100

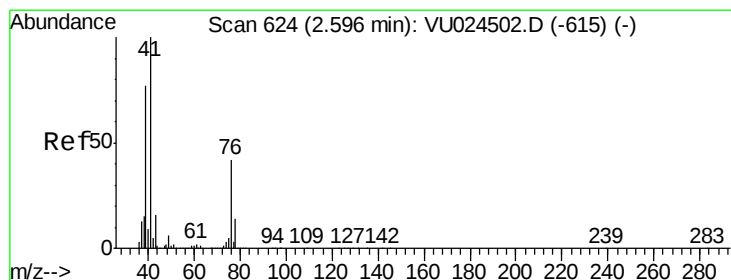
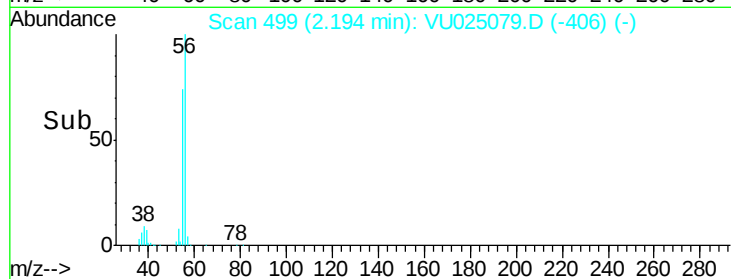
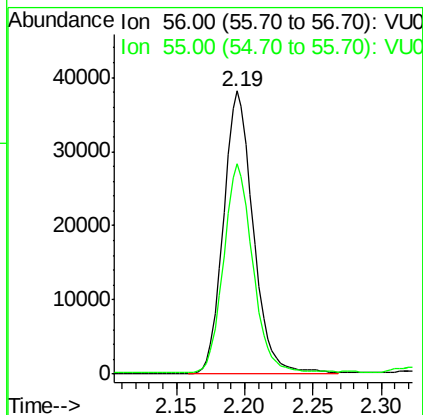
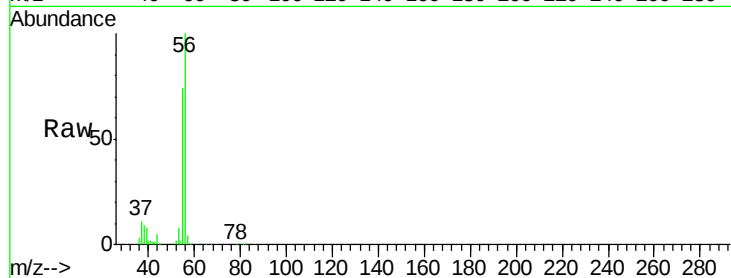
55 71.9 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 51.20 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

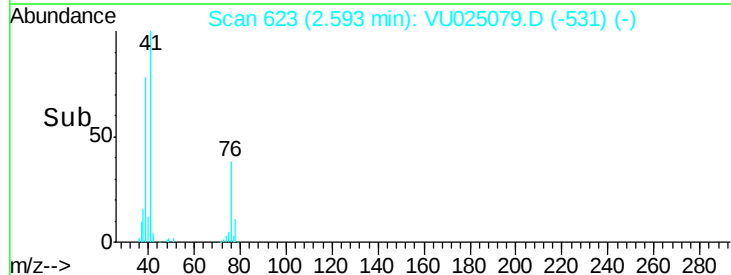
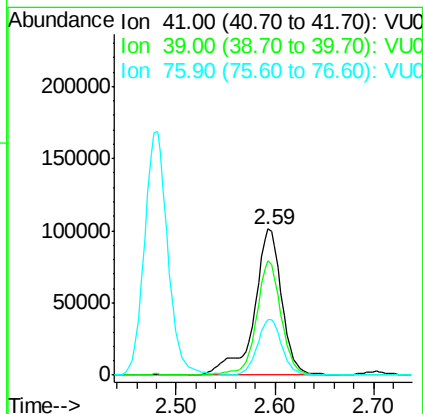
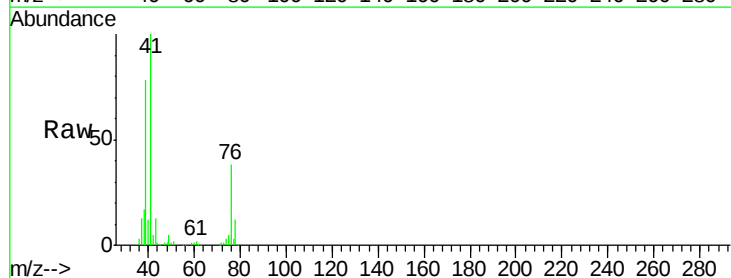
Tgt Ion: 41 Resp: 195033

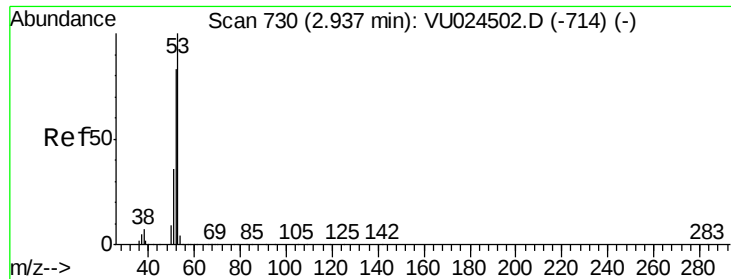
Ion Ratio Lower Upper

41 100

39 69.5 61.6 92.4

76 33.7 29.7 44.5





#15

Acrylonitrile

Concen: 233.99 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

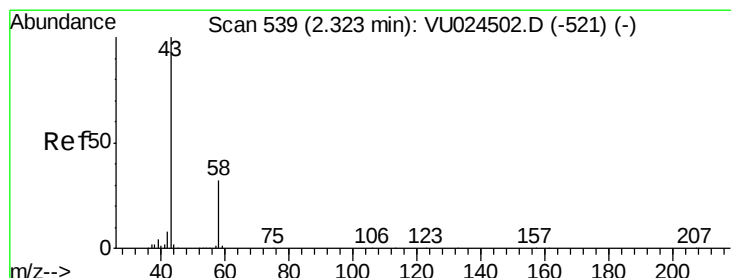
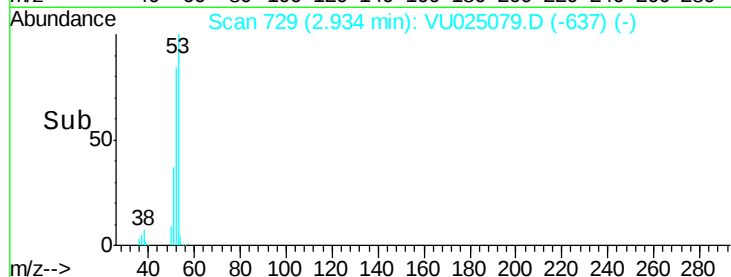
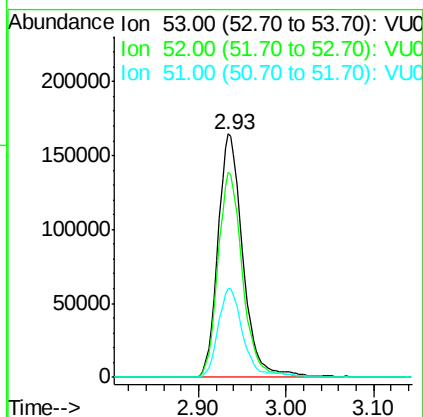
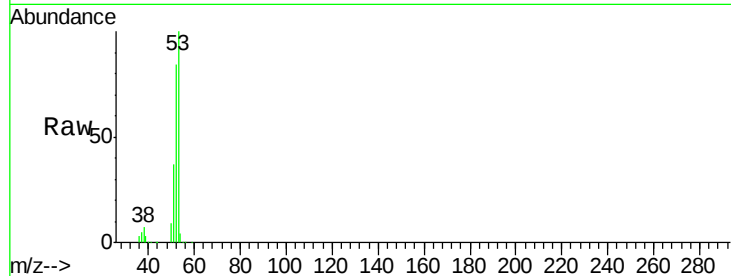
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	325655
Ion Ratio	Lower	Upper	
53	100		
52	83.3	67.1	100.7
51	37.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 248.49 ug/l

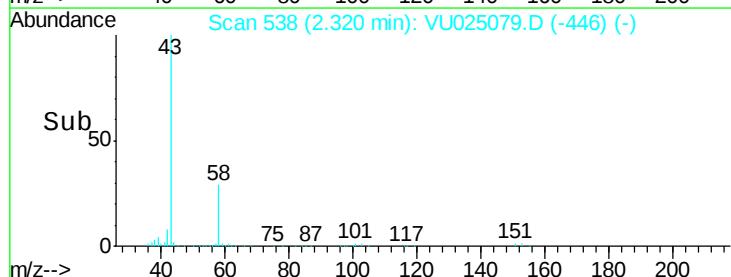
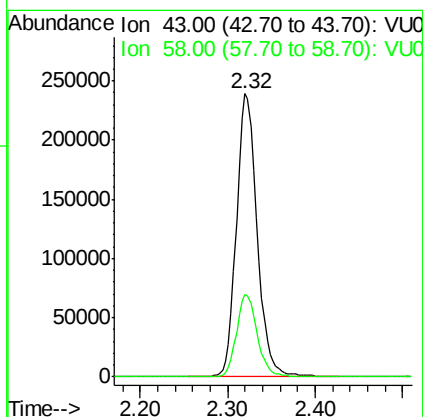
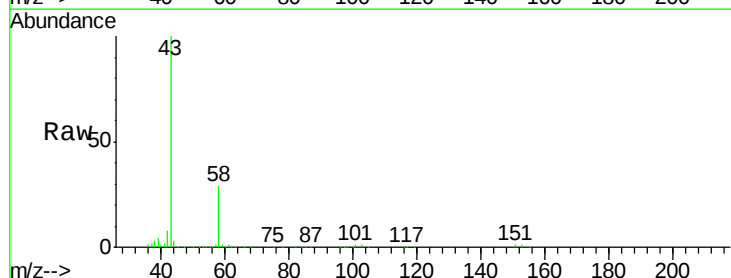
RT: 2.32 min Scan# 538

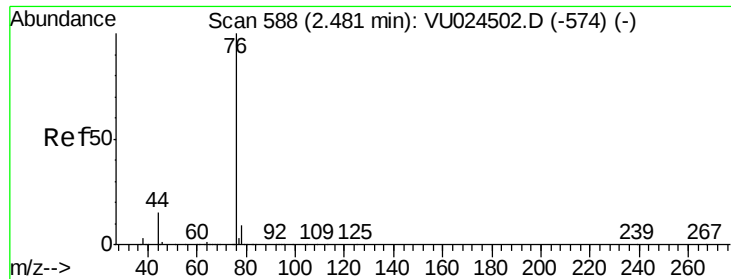
Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion:	43	Resp:	392691
Ion Ratio	Lower	Upper	
43	100		
58	29.3	24.4	36.6





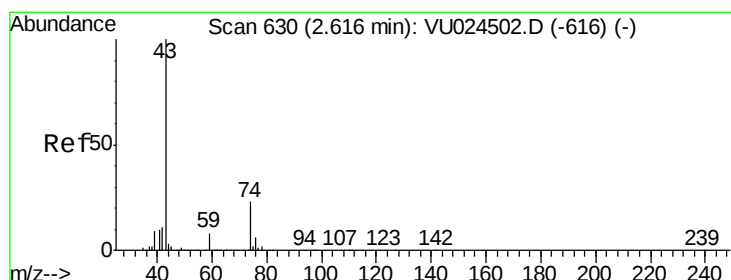
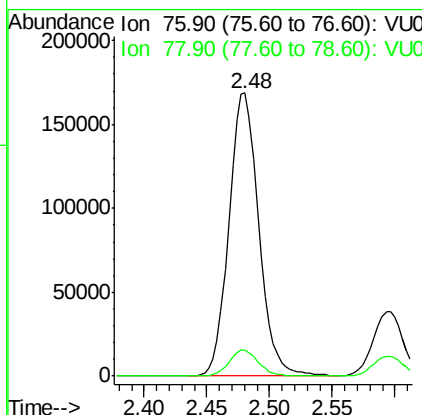
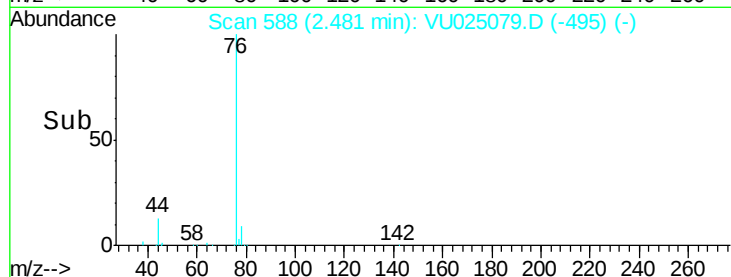
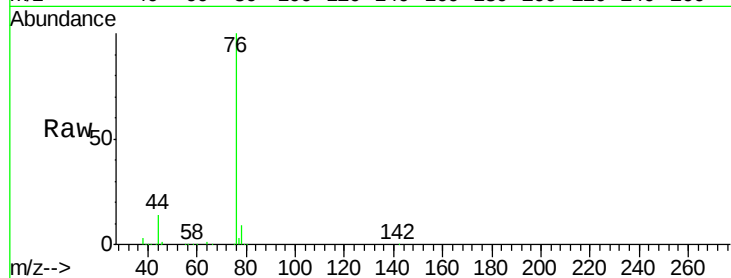
#17
Carbon Disulfide
Concen: 42.61 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

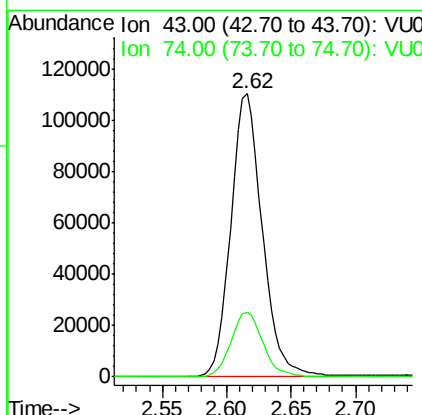
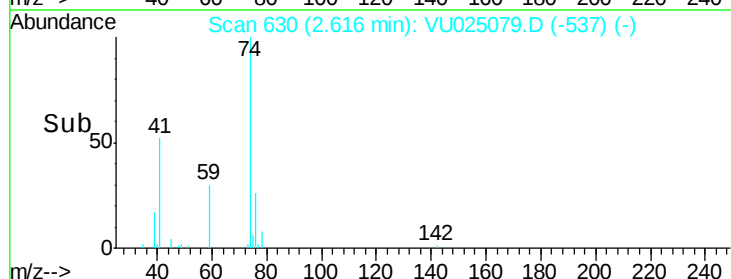
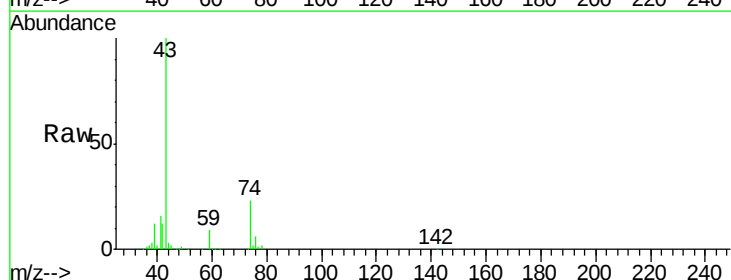
Manual Integrations
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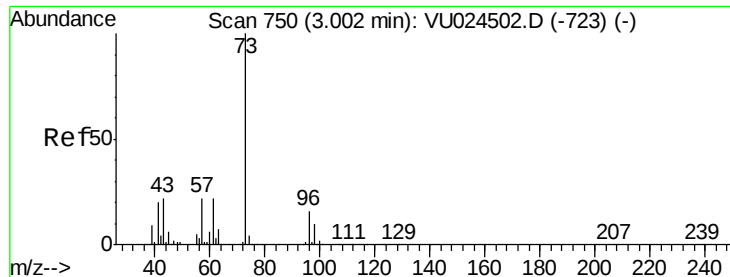
apatel
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#18
Methyl Acetate
Concen: 55.05 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.0	27.0





#19

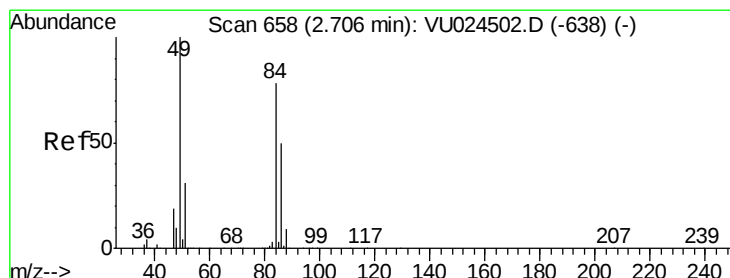
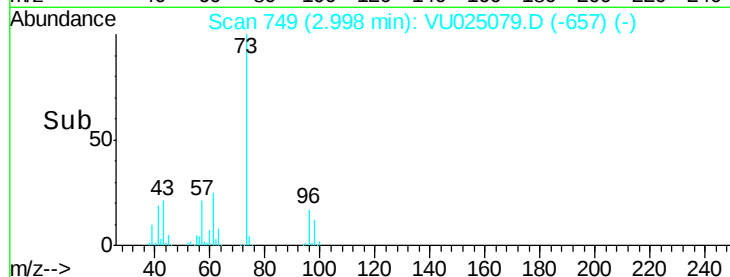
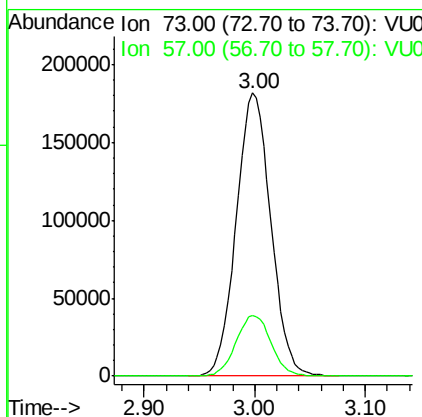
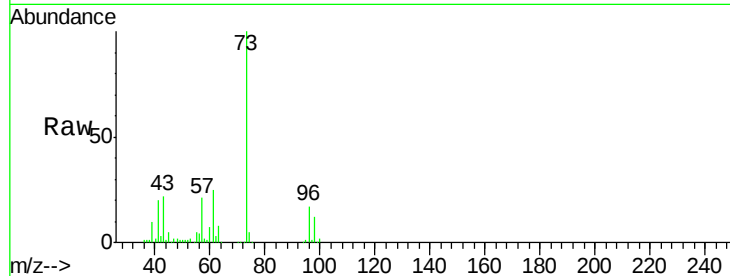
Methyl tert-butyl Ether
 Concen: 51.29 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	18.8	28.2

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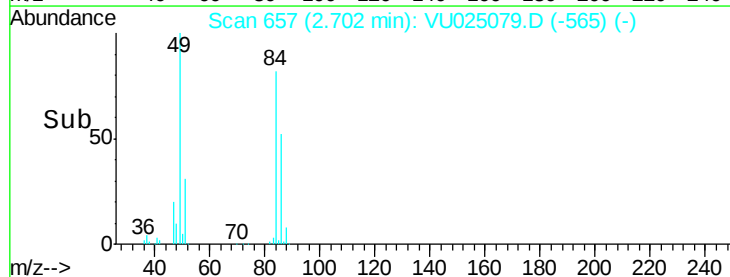
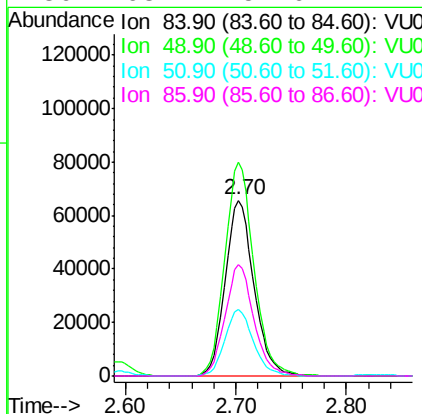
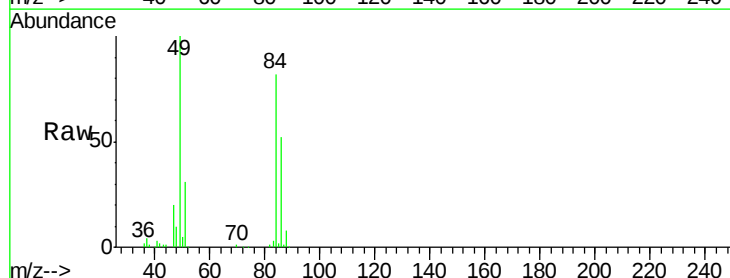
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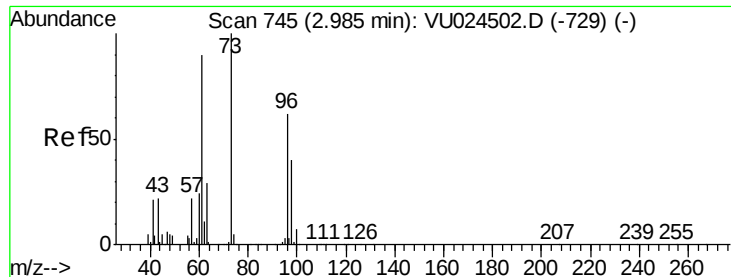


#20

Methylene Chloride
 Concen: 47.81 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	103.8	155.8
51	37.7	32.0	48.0
86	63.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 49.08 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

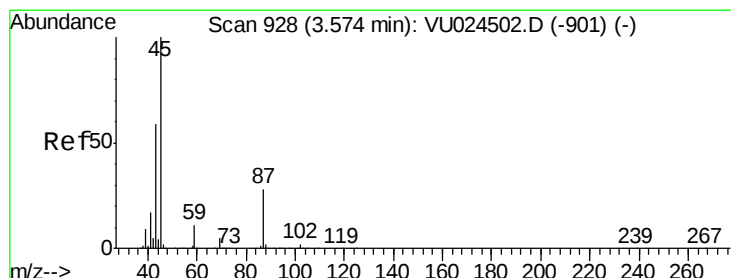
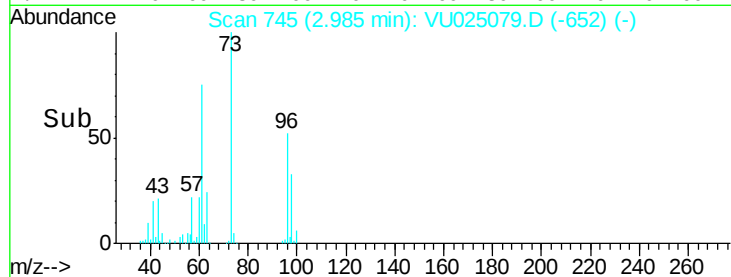
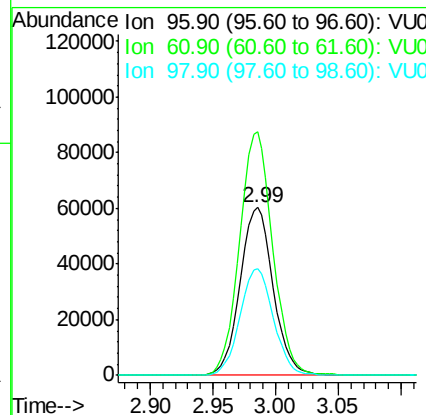
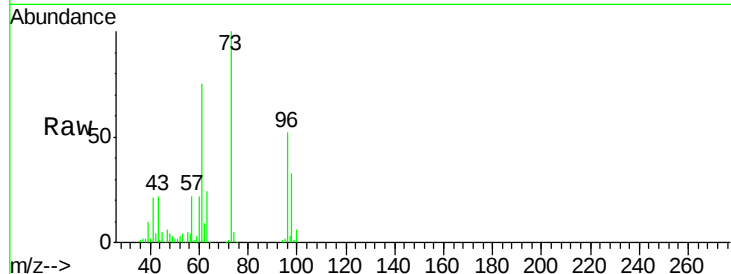
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	110893
Ion	Ratio	Lower	Upper
96	100		
61	144.9	119.4	179.0
98	63.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 50.11 ug/l

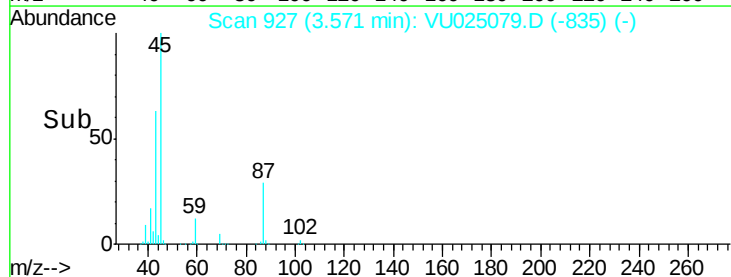
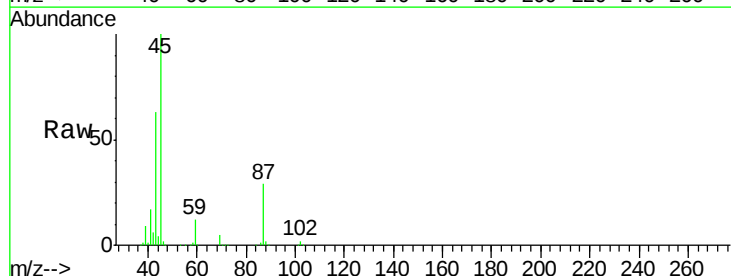
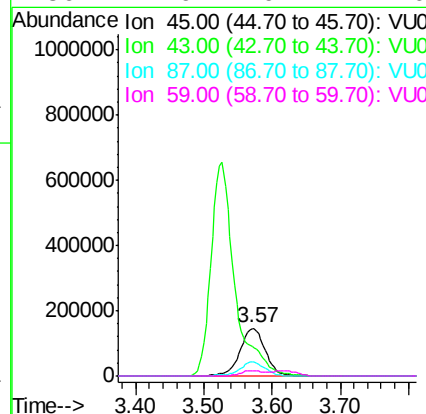
RT: 3.57 min Scan# 927

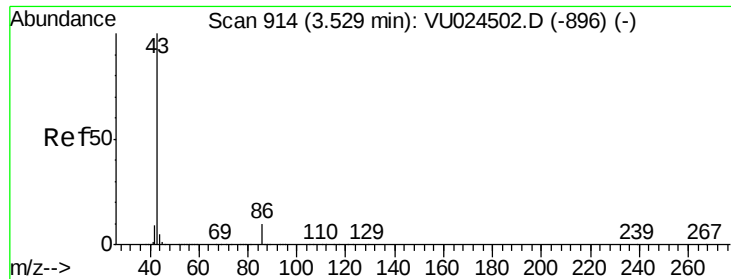
Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion:	45	Resp:	378382
Ion	Ratio	Lower	Upper
45	100		
43	62.1	45.8	68.6
87	28.7	20.6	31.0
59	11.9	9.4	14.0





#23

Vinyl Acetate

Concen: 234.78 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1587975

Ion Ratio Lower Upper

43 100

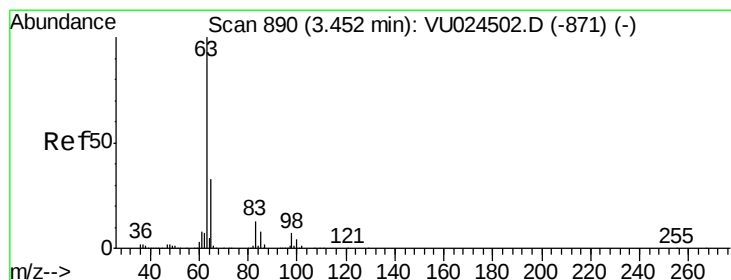
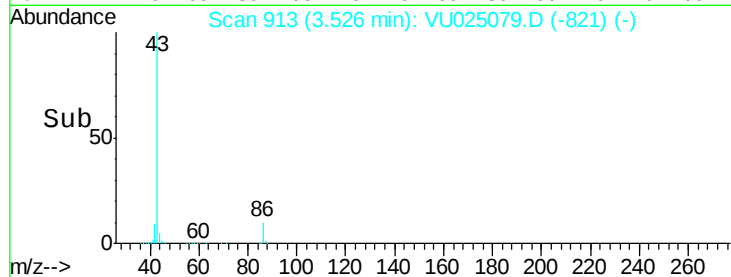
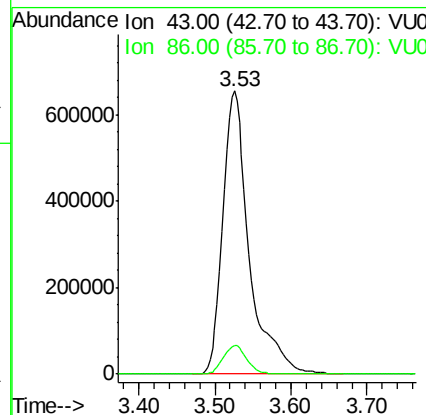
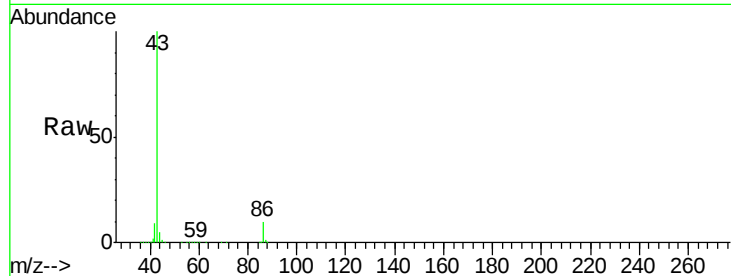
86 10.3 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.96 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

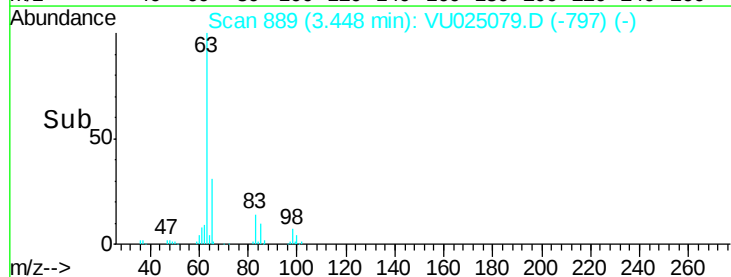
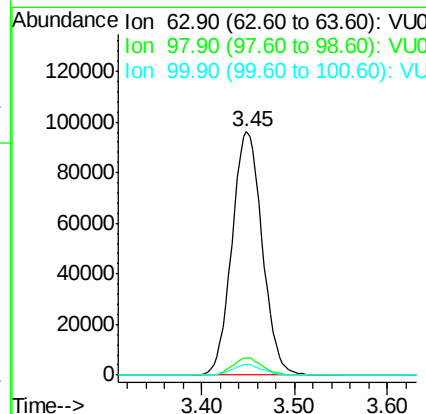
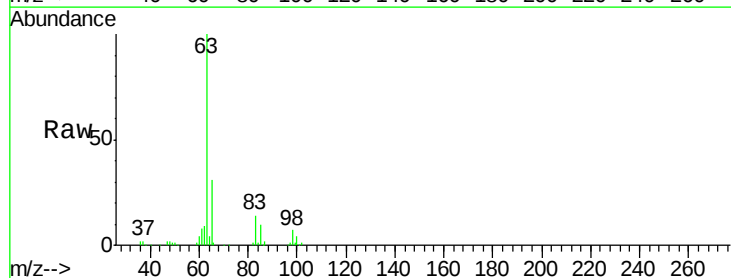
Tgt Ion: 63 Resp: 217014

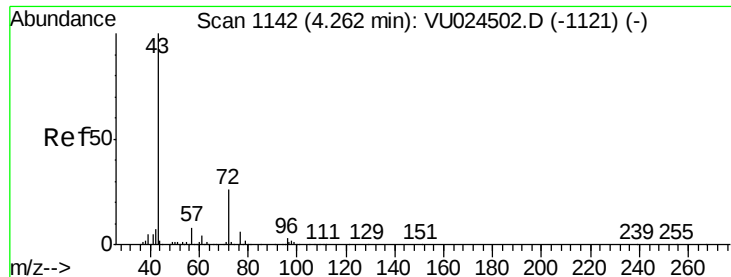
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.4 1.8 5.5





#25

2-Butanone

Concen: 239.92 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 509277

Ion Ratio Lower Upper

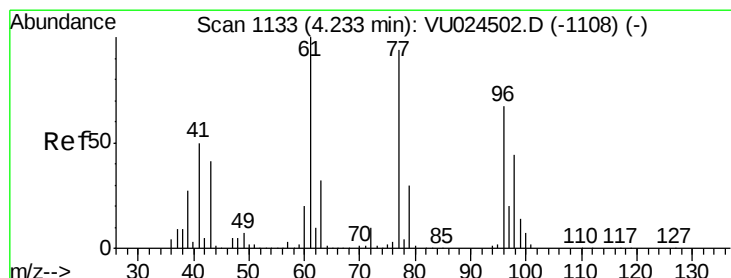
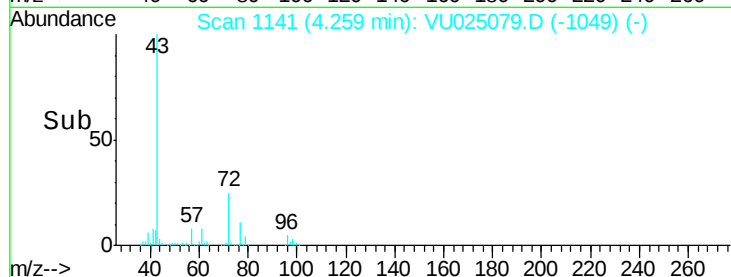
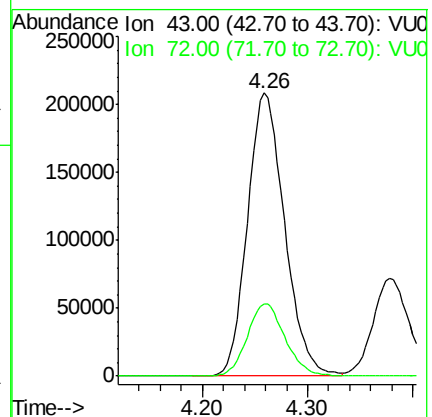
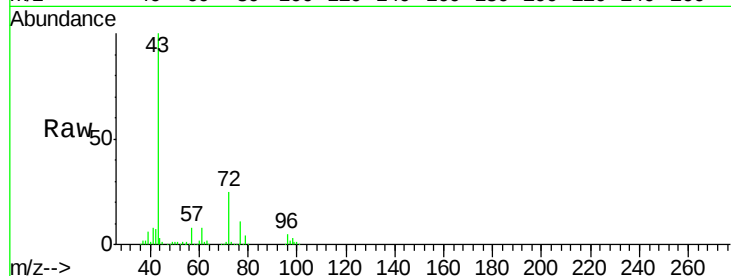
43 100

72 25.4 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 51.11 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025079.D

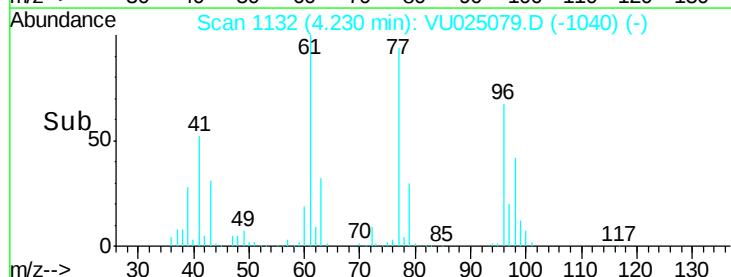
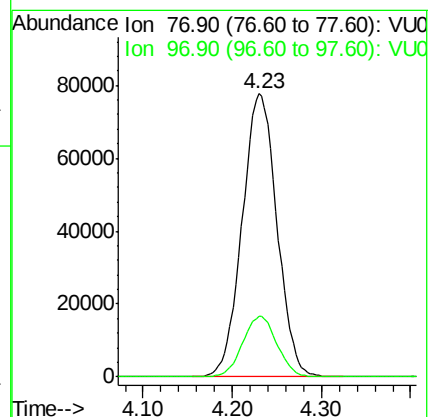
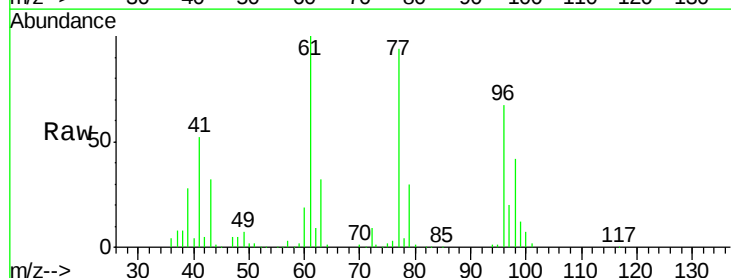
Acq: 30 Jun 2018 11:22

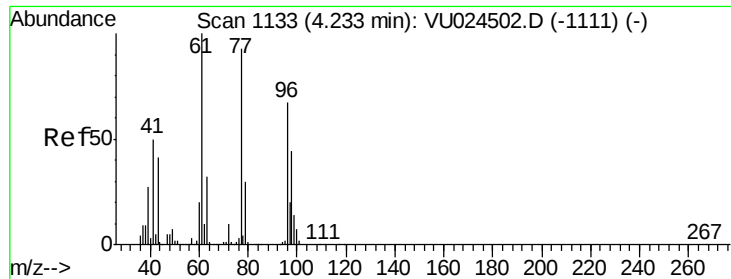
Tgt Ion: 77 Resp: 210812

Ion Ratio Lower Upper

77 100

97 21.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.76 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025079.D

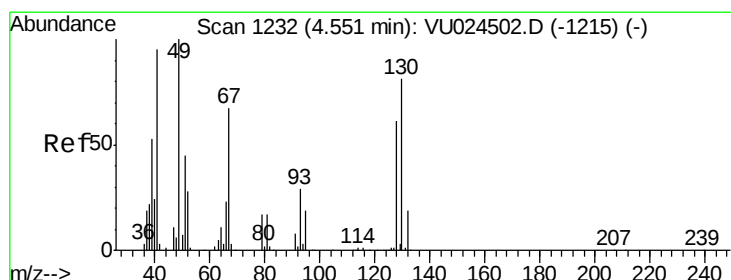
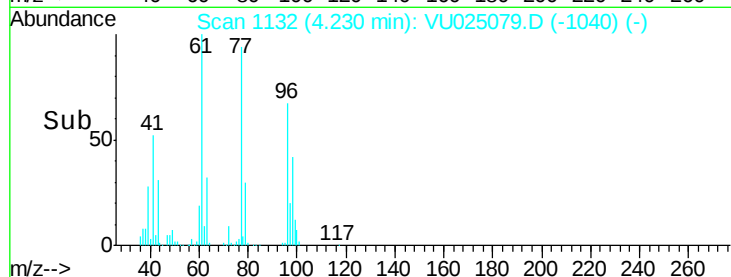
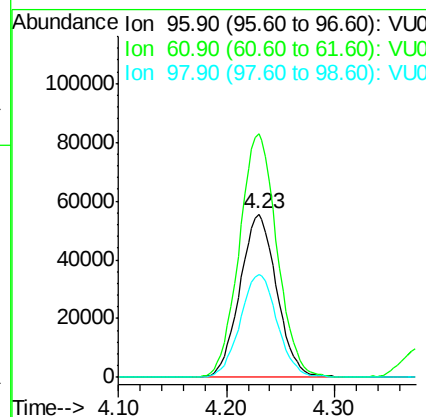
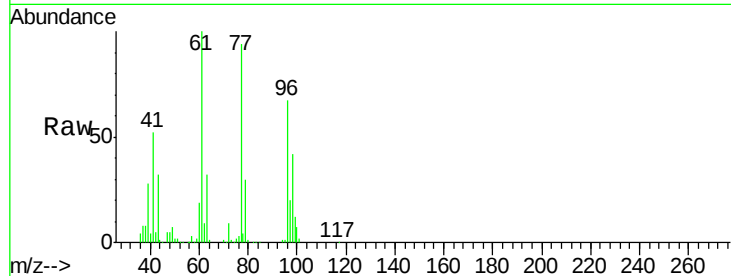
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	306.6
98	64.0	0.0	128.8

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#28

Bromochloromethane

Concen: 44.23 ug/l

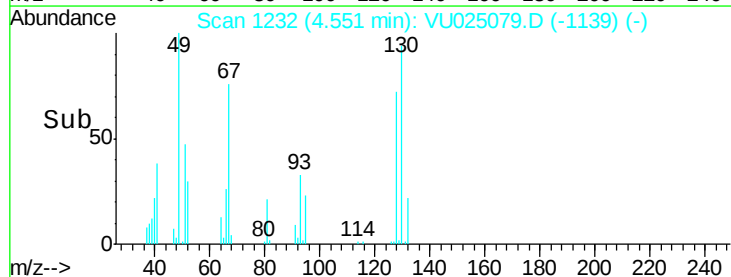
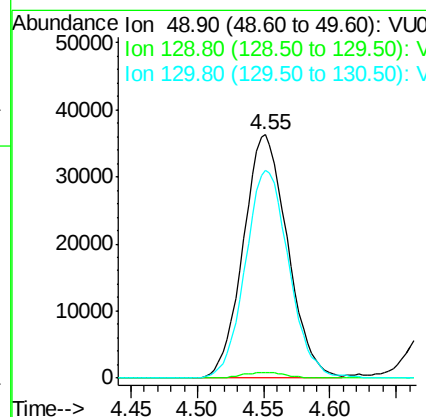
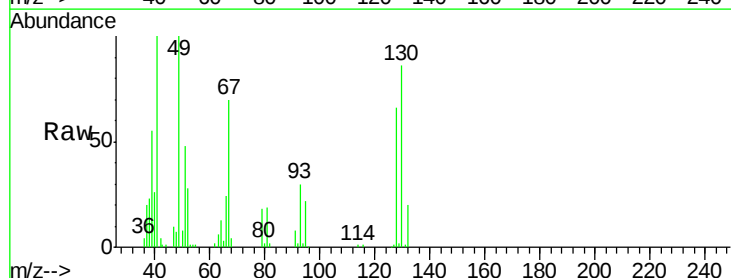
RT: 4.55 min Scan# 1232

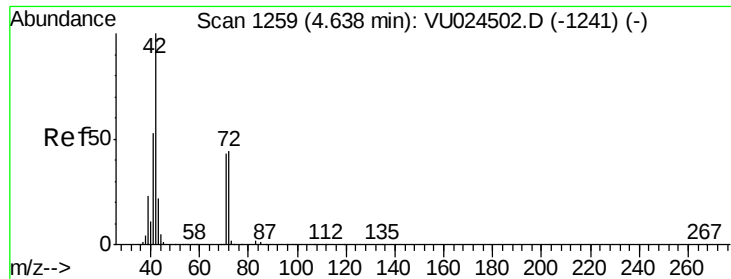
Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	84.1	57.8	86.6





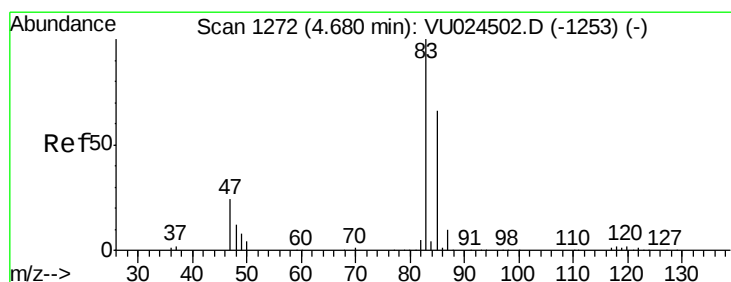
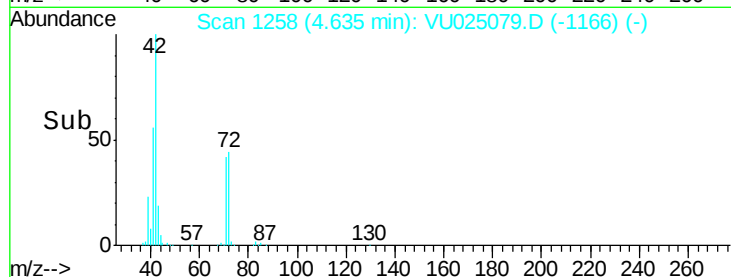
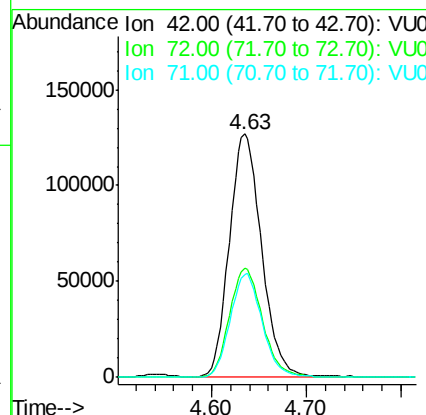
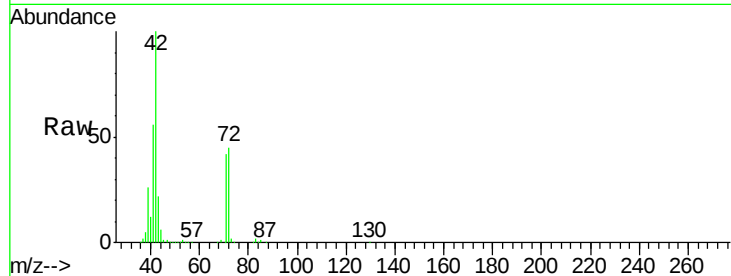
#29
Tetrahydrofuran
Concen: 228.03 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	34.5	51.7
71	42.5	32.2	48.4

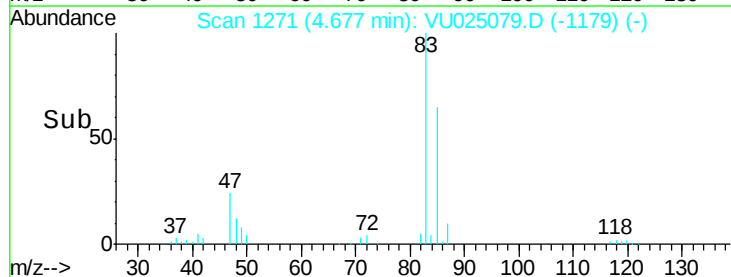
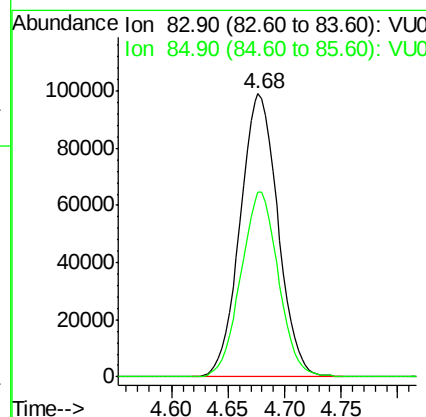
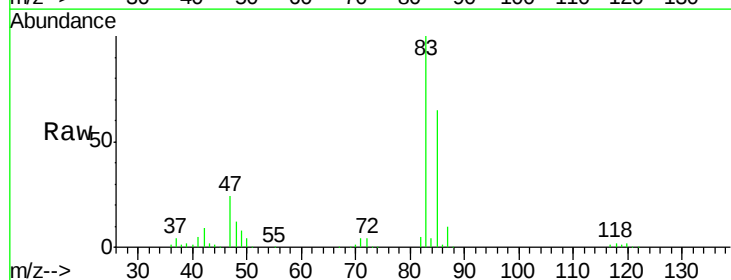
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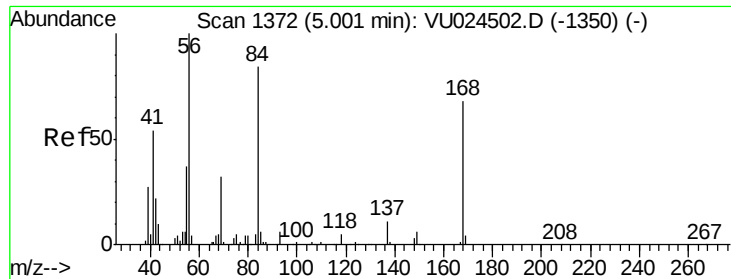
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#30
Chloroform
Concen: 52.50 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6





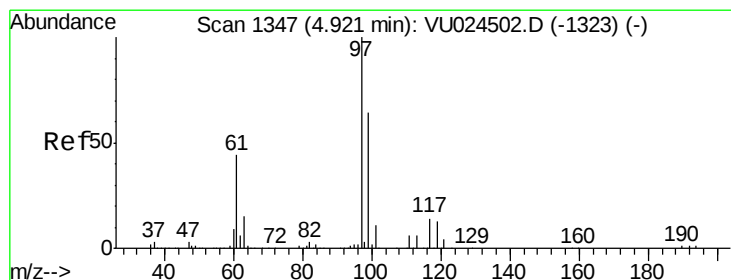
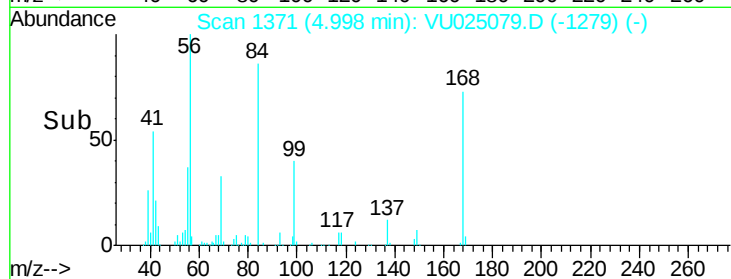
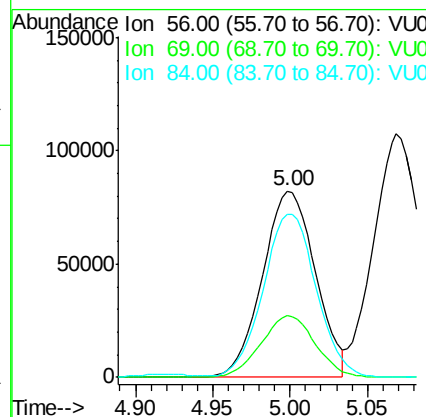
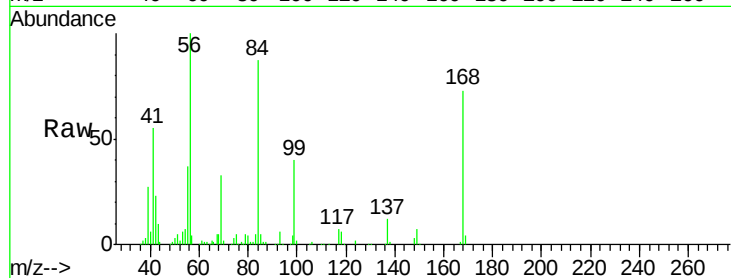
#31
Cyclohexane
Concen: 50.86 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.8	37.2
84	86.5	65.2	97.8

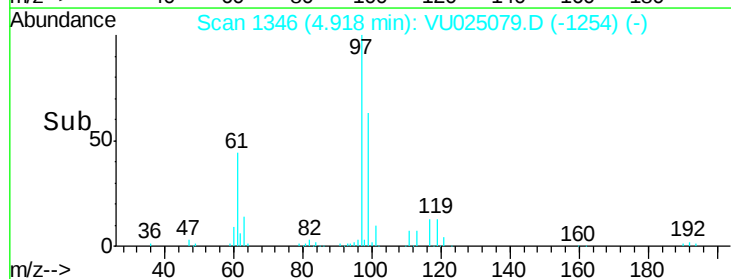
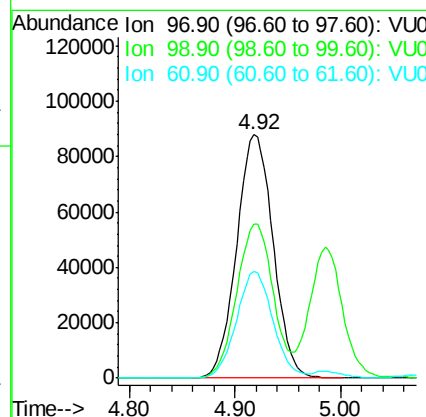
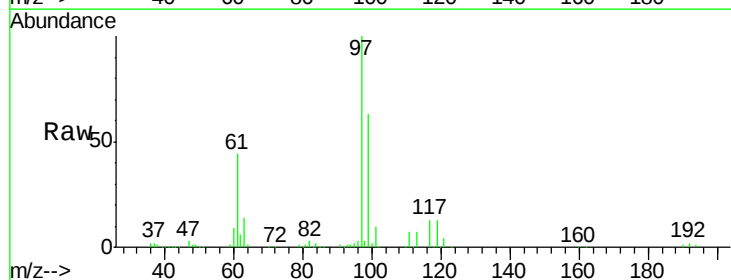
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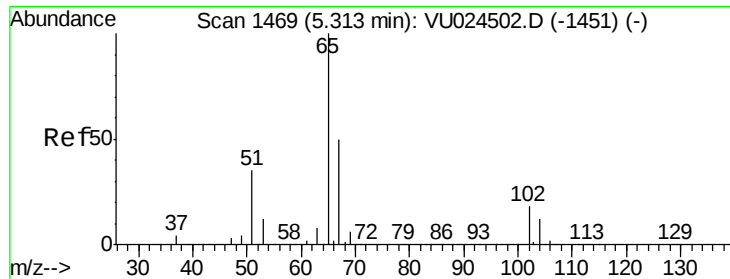
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#32
1,1,1-Trichloroethane
Concen: 51.98 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.6
61	43.8	39.4	59.0





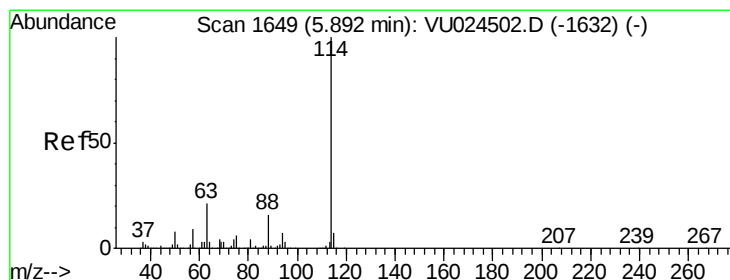
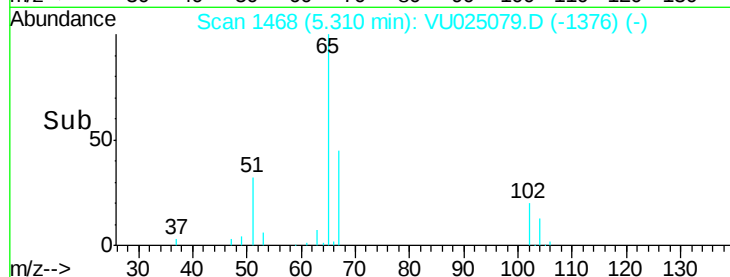
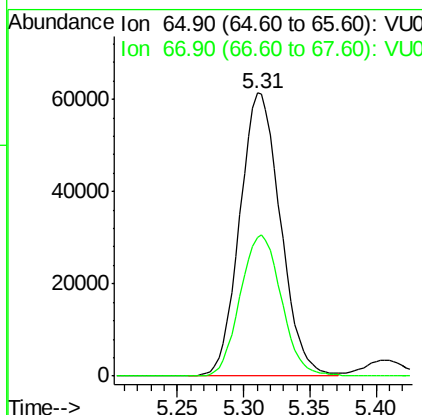
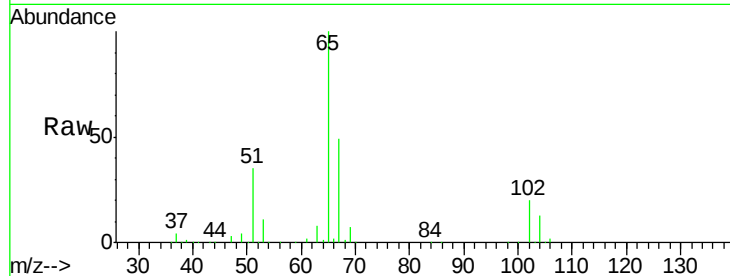
#33
 1,2-Dichloroethane-d4
 Concen: 44.58 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	131129		
67	50.5	0.0	107.0	

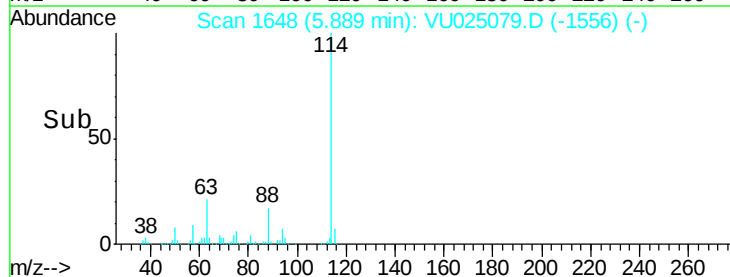
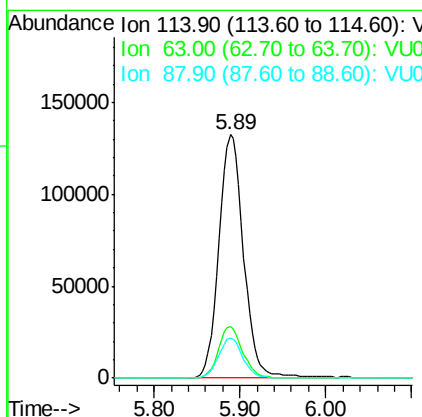
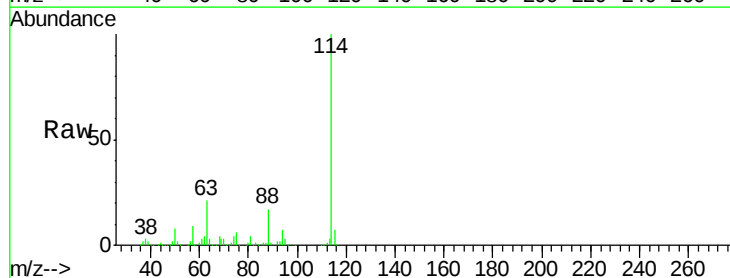
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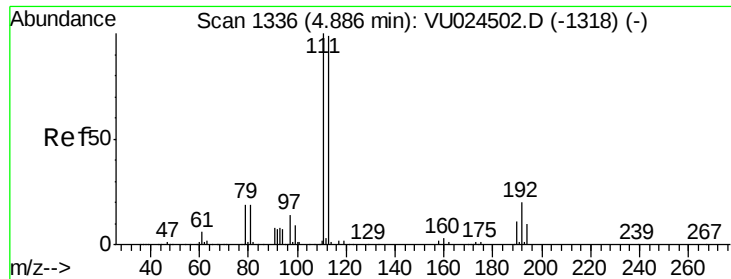
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	266020		
63	21.3	0.0	45.4	
88	16.6	0.0	31.0	





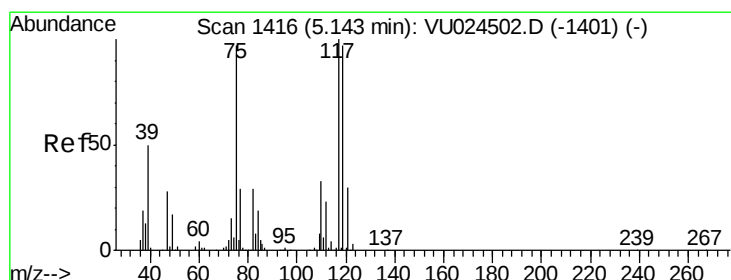
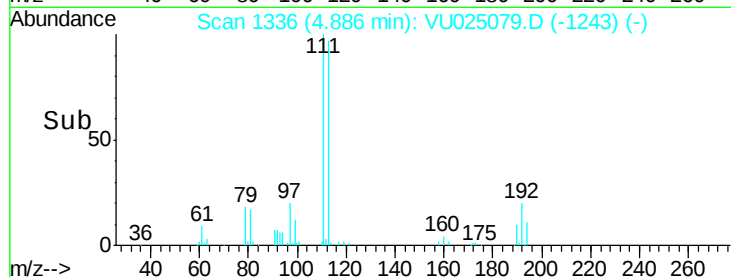
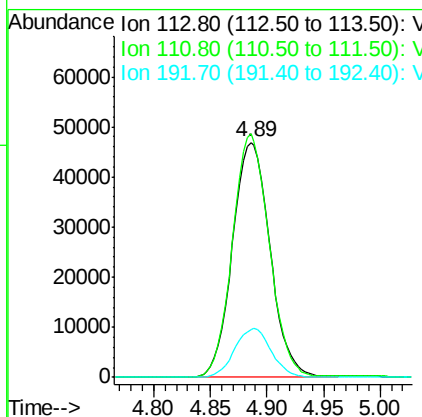
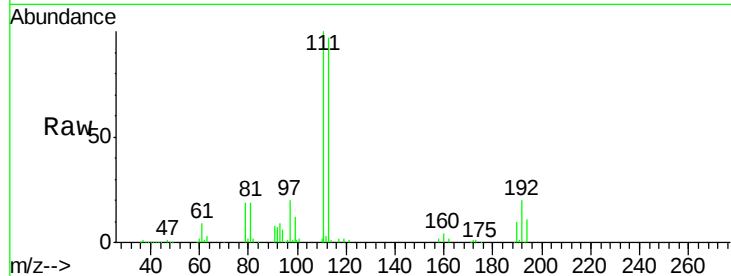
#35
 Dibromofluoromethane
 Concen: 49.14 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108479		
111	101.4	82.2	123.4	
192	20.4	16.2	24.4	

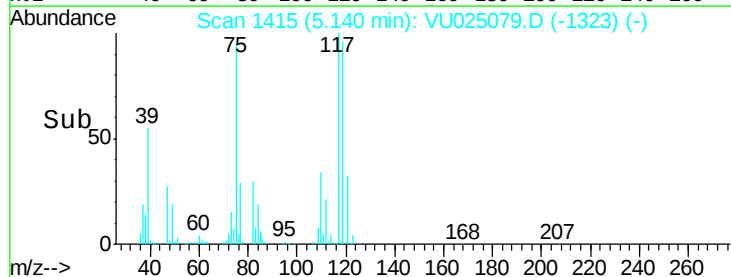
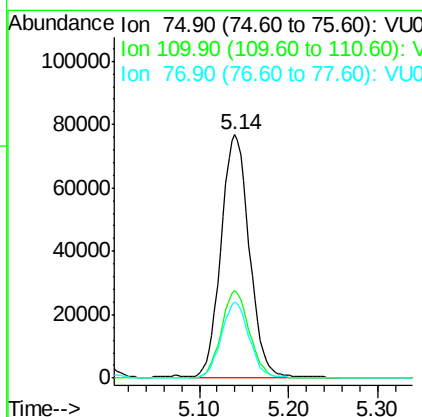
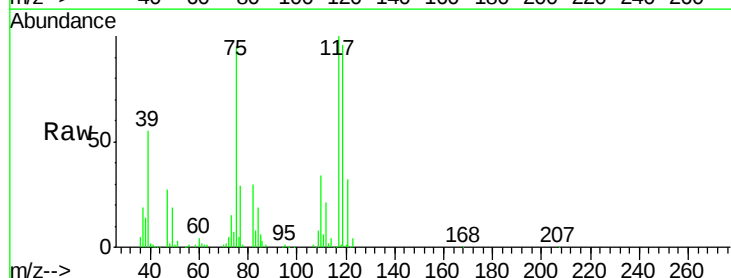
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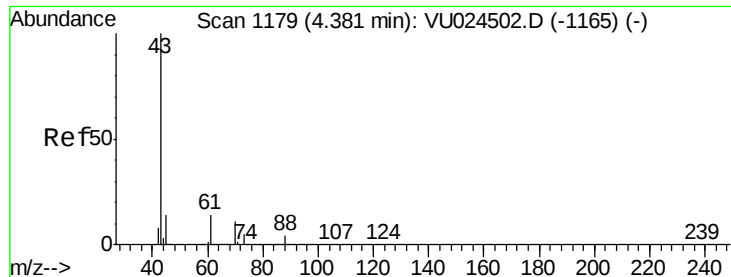
apatel
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#36
 1,1-Dichloropropene
 Concen: 53.66 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	167745		
110	35.8	17.0	50.9	
77	30.3	24.2	36.4	





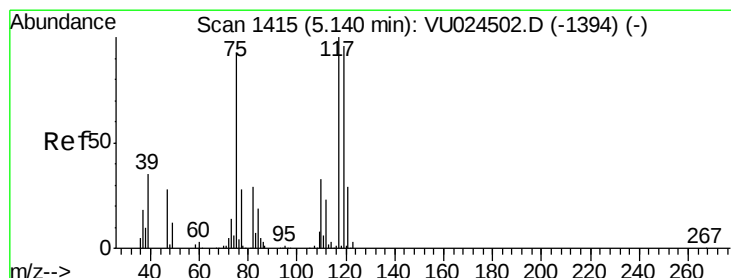
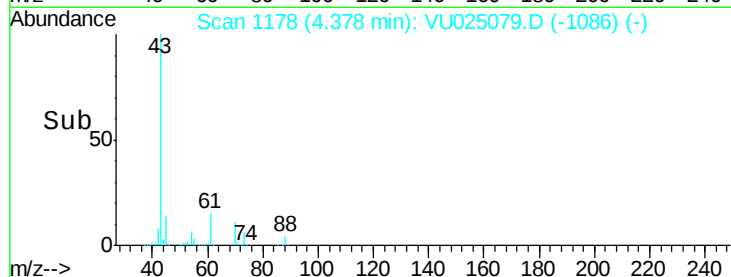
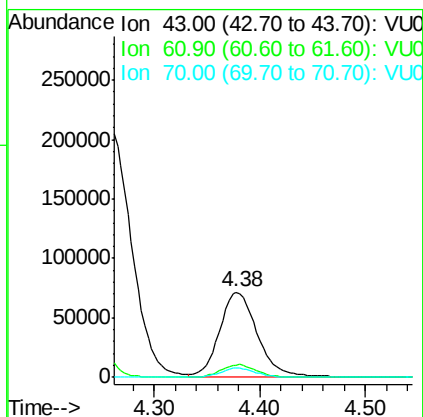
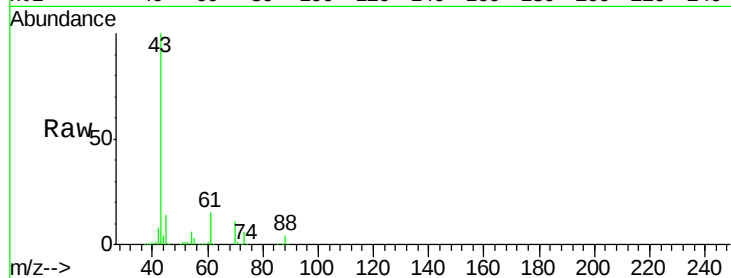
#37
Ethyl Acetate
Concen: 51.14 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.5	15.7
70	10.6	7.4	11.2

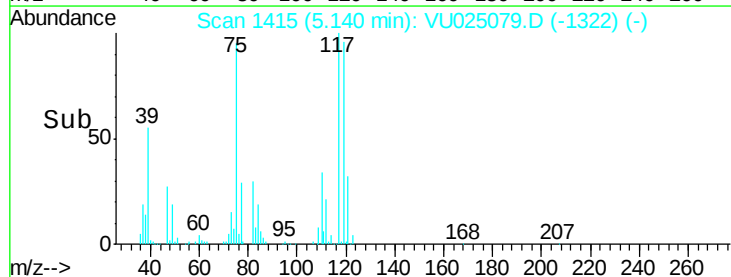
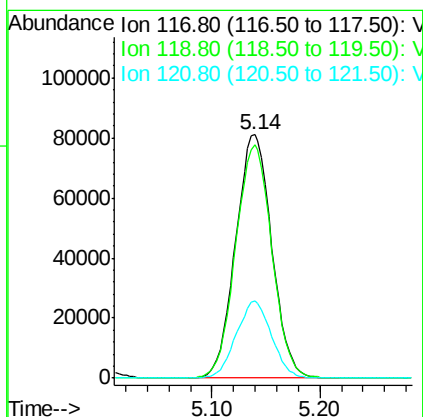
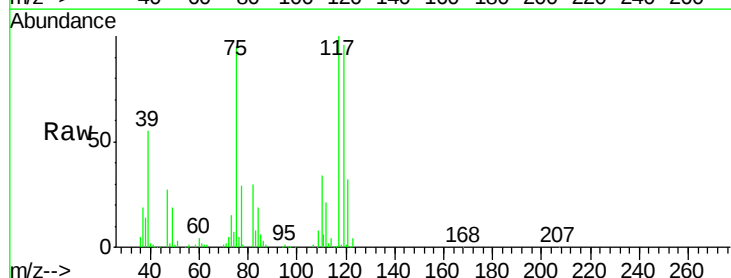
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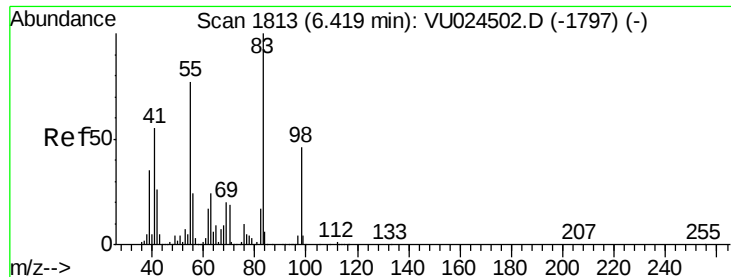
apatel
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#38
Carbon Tetrachloride
Concen: 54.78 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.1	114.1
121	31.8	23.7	35.5





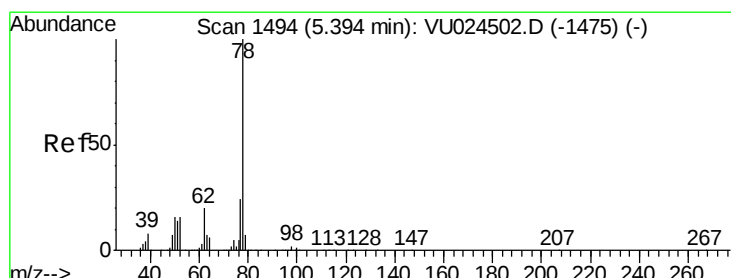
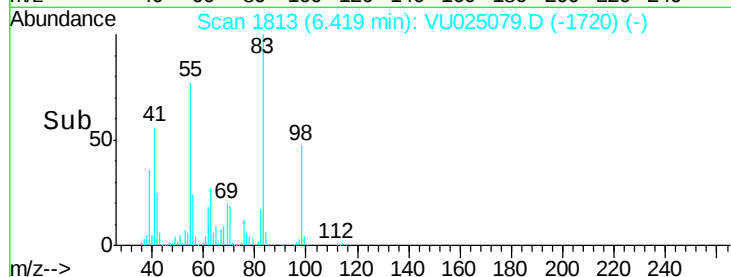
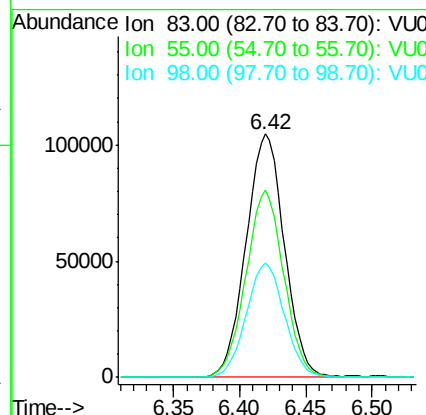
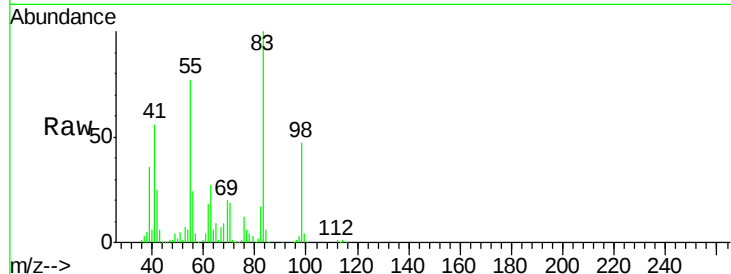
#39
Methvlcvclohexane
Concen: 54.03 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	65.8	98.6
98	46.8	36.7	55.1

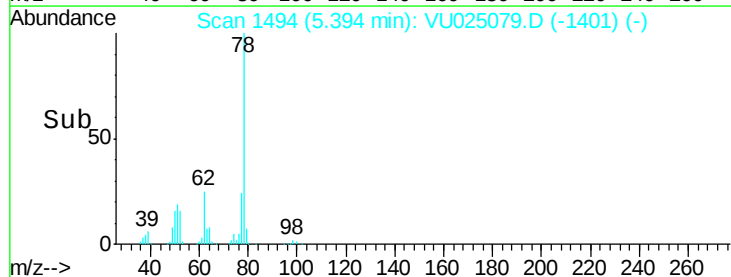
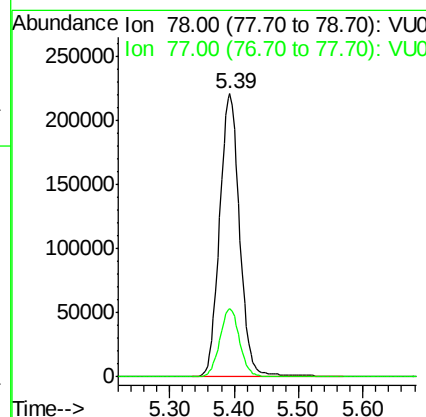
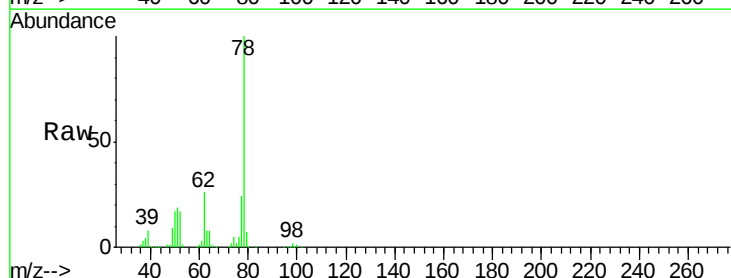
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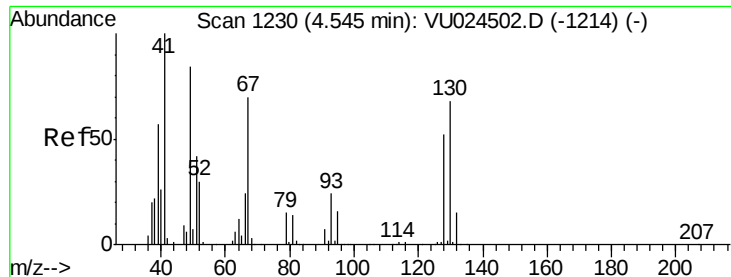
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#40
Benzene
Concen: 54.01 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





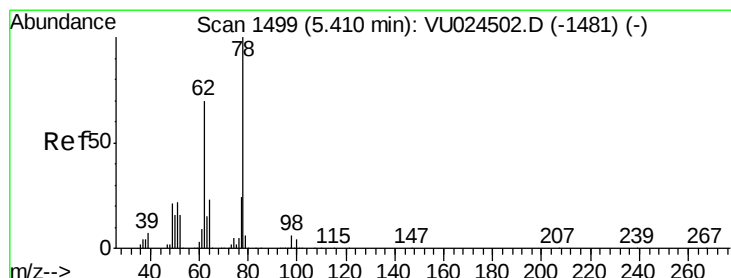
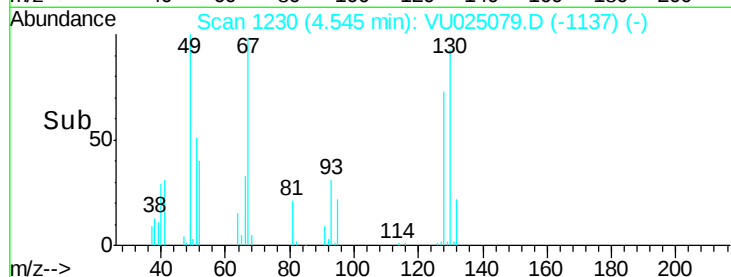
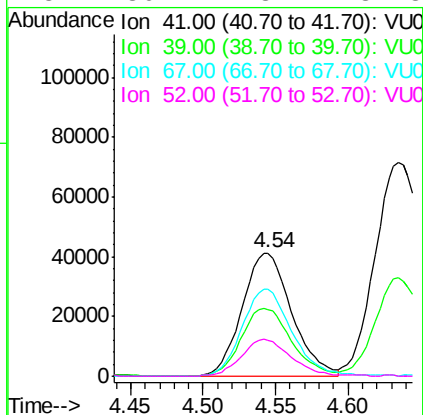
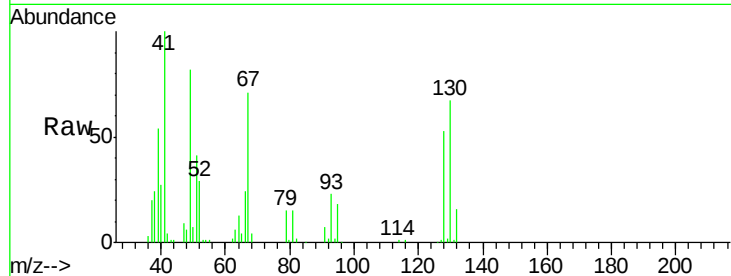
#41
Methacrylonitrile
Concen: 53.50 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	43.8	65.6	
67	71.1	56.3	84.5	
52	30.7	23.2	34.8	

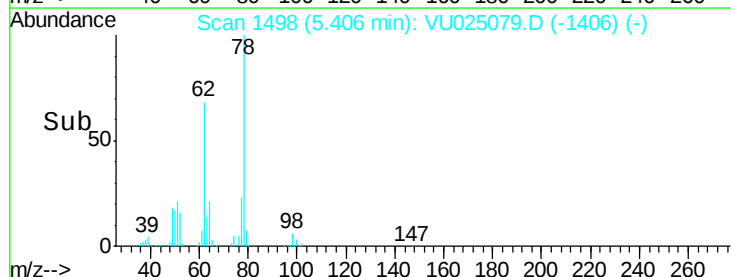
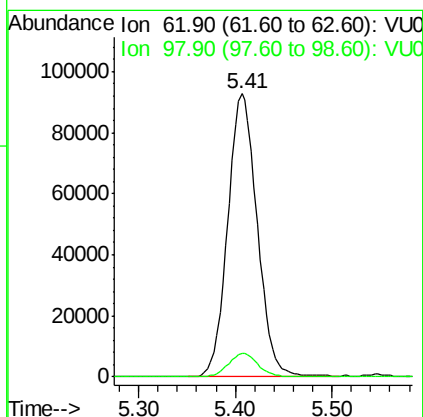
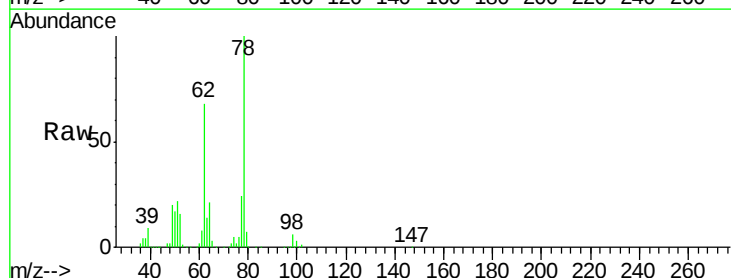
Manual Integrations
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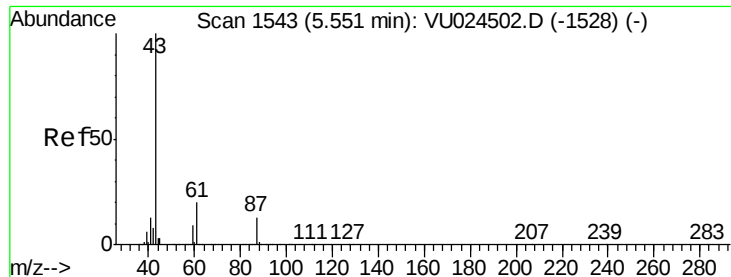
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#42
1,2-Dichloroethane
Concen: 57.83 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.6	





#43

Isopropyl Acetate

Concen: 48.88 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

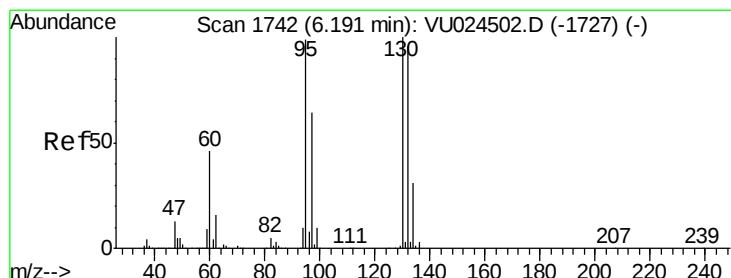
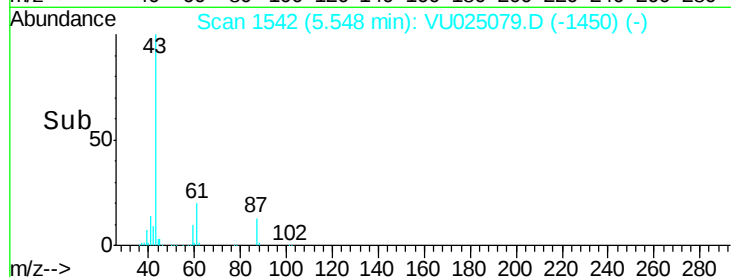
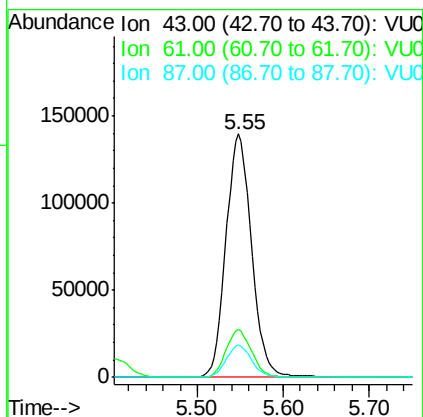
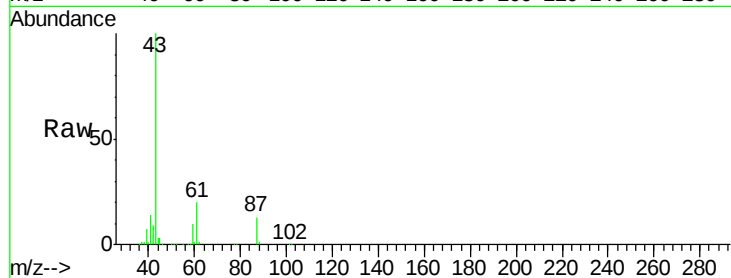
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	287871
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.1	10.0	15.0

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#44

Trichloroethene

Concen: 53.73 ug/l

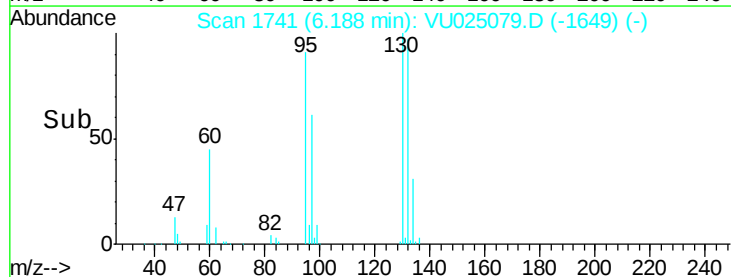
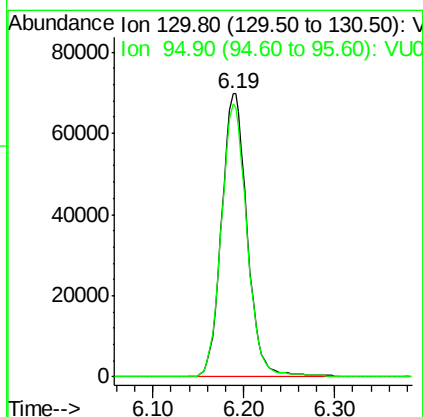
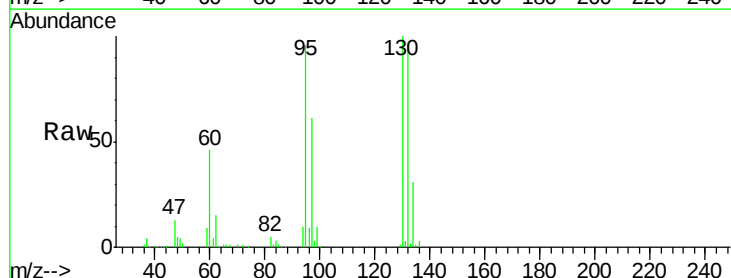
RT: 6.19 min Scan# 1741

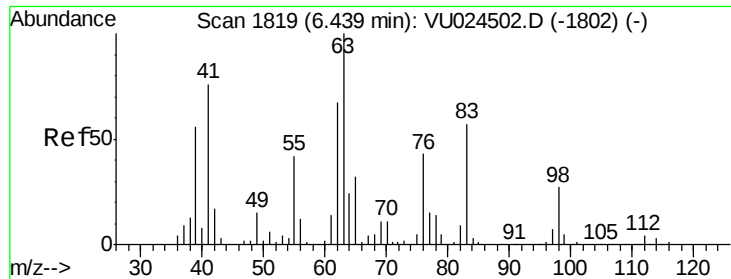
Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion:	130	Resp:	136197
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	202.4





#45

1,2-Dichloropropane

Concen: 53.68 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 127570

Ion Ratio Lower Upper

63 100

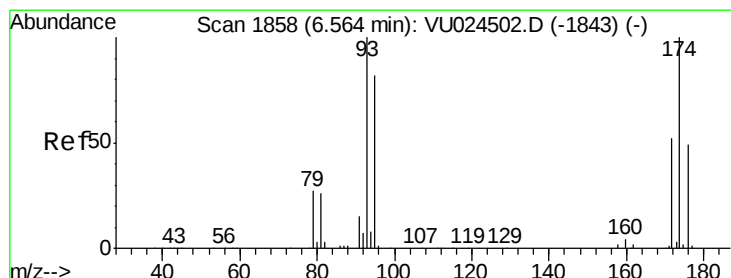
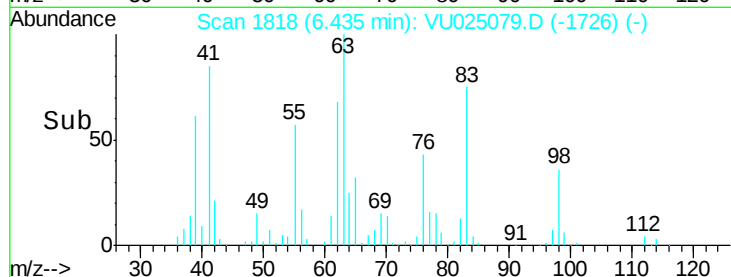
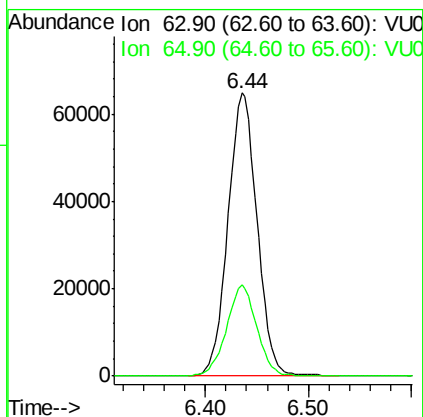
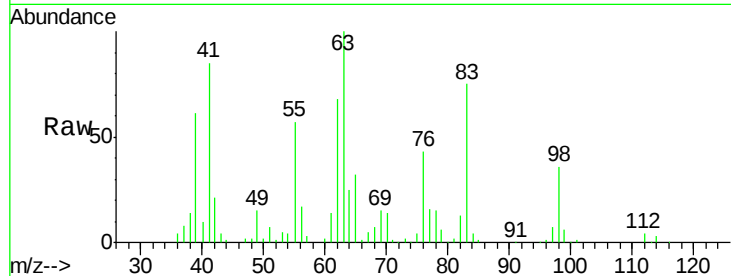
65 32.1 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 54.59 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

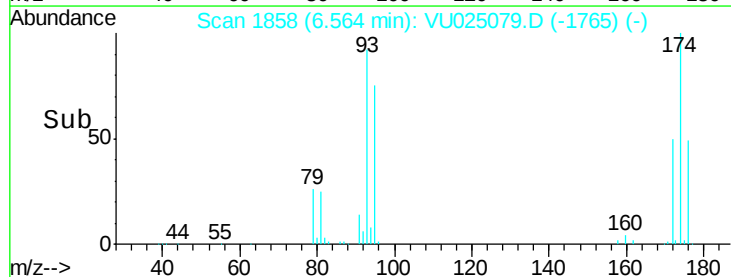
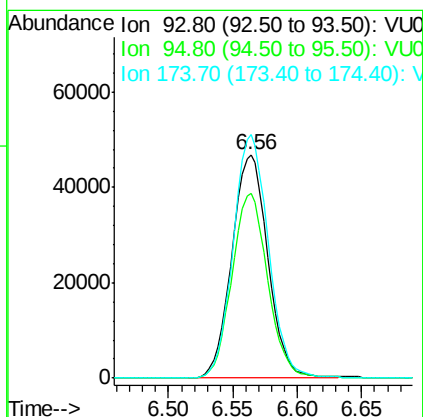
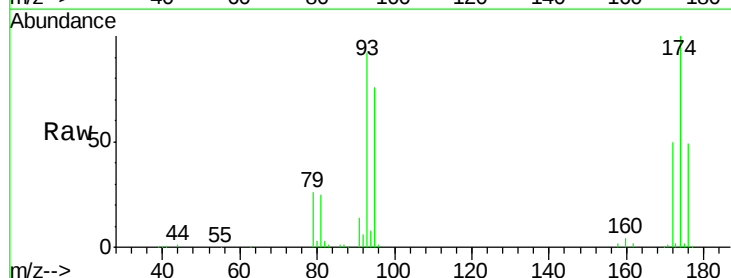
Tgt Ion: 93 Resp: 91130

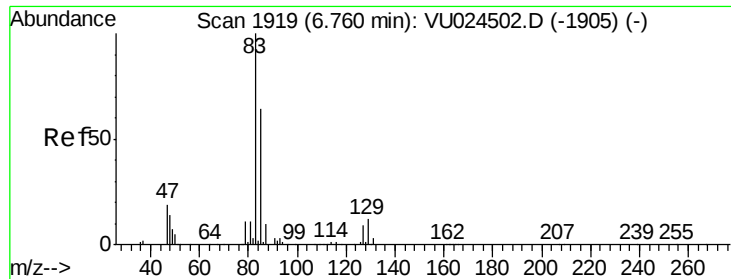
Ion Ratio Lower Upper

93 100

95 82.5 65.5 98.3

174 107.0 78.7 118.1





#47

Bromodichloromethane

Concen: 54.05 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

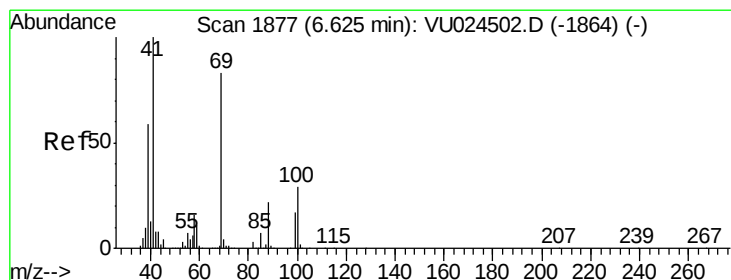
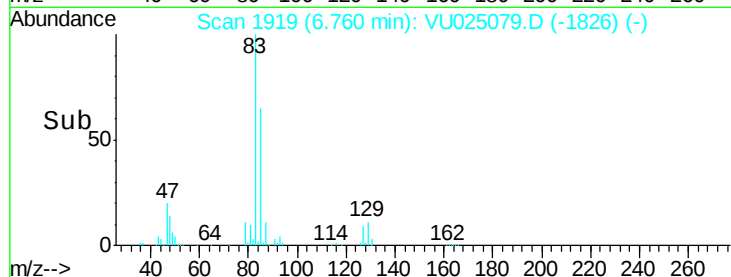
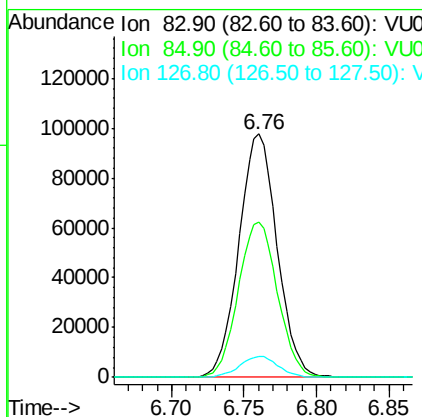
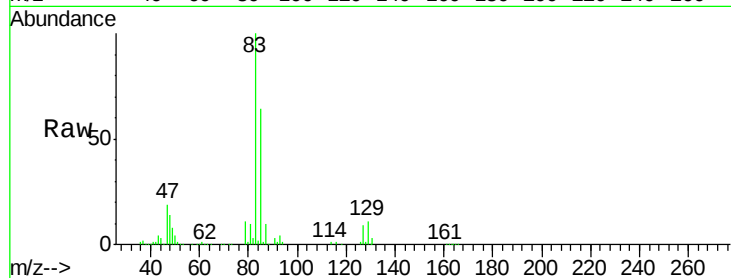
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	179660
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9
127	8.6	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.57 ug/l

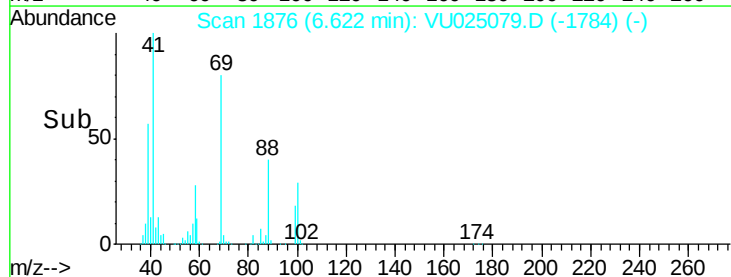
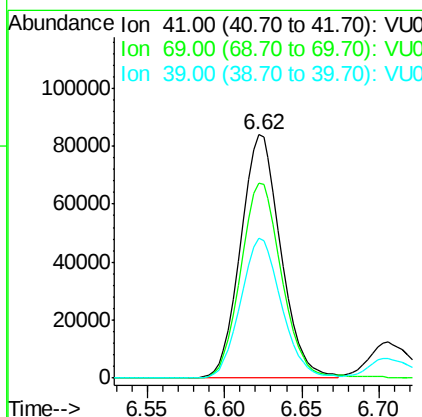
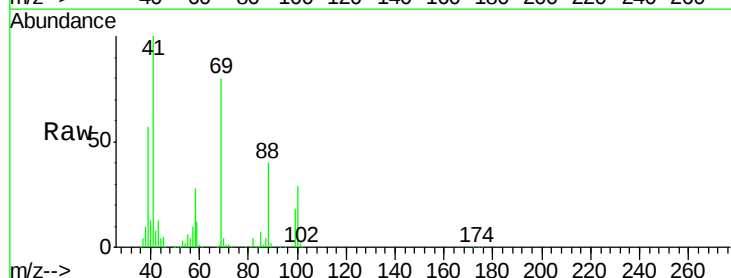
RT: 6.62 min Scan# 1876

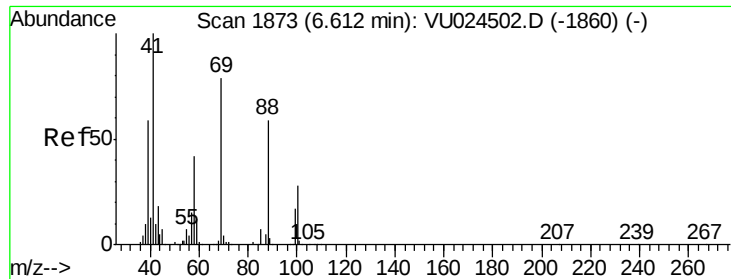
Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion:	41	Resp:	150749
Ion	Ratio	Lower	Upper
41	100		
69	82.7	67.3	100.9
39	58.2	46.5	69.7





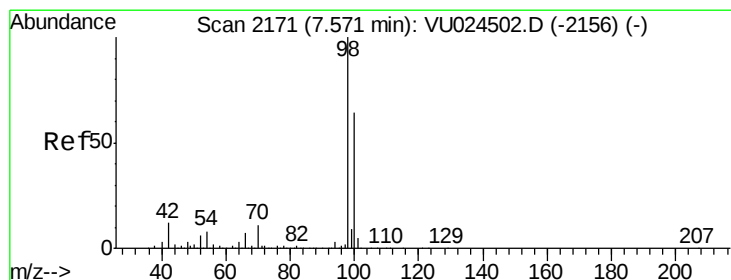
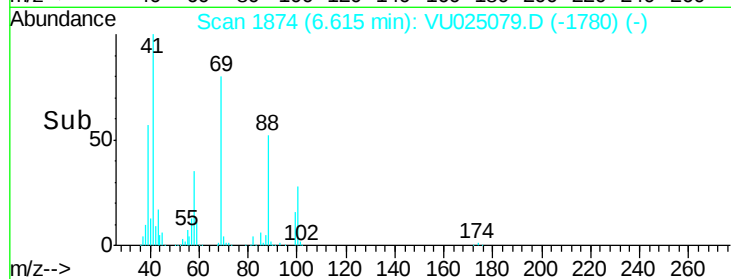
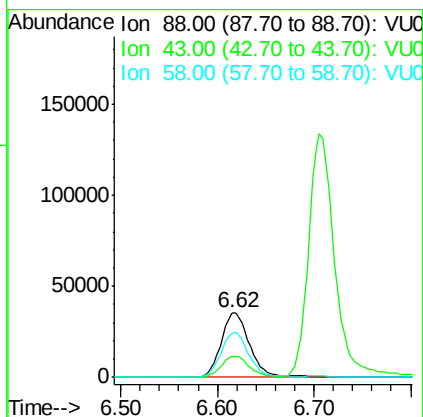
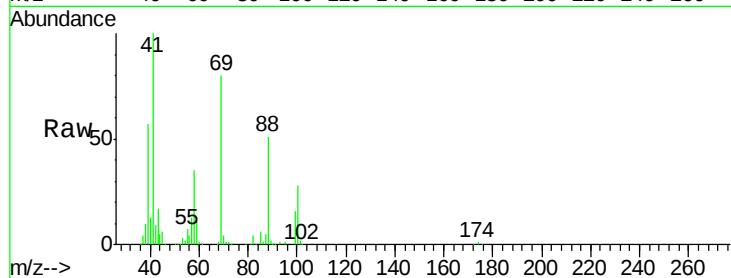
#49
1,4-Dioxane
Concen: 1269.10 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	28.6	42.8
58	69.6	58.2	87.4

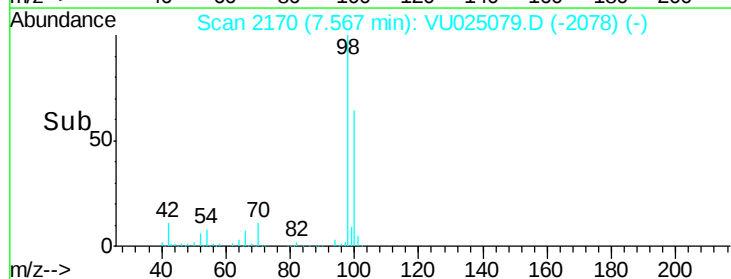
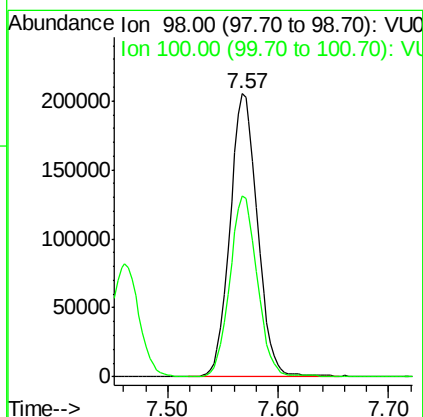
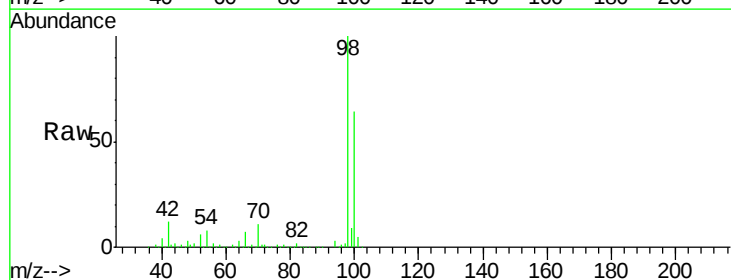
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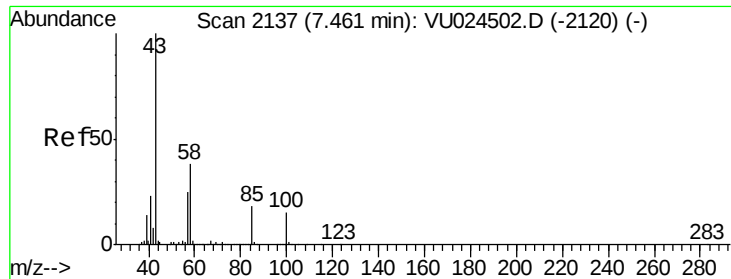
apatel
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#50
Toluene-d8
Concen: 44.25 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7





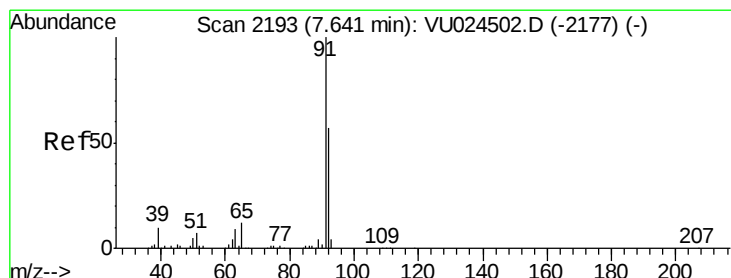
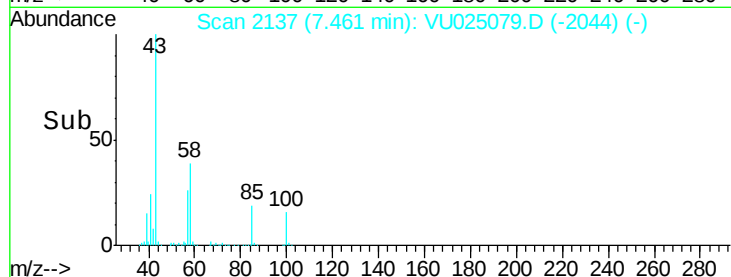
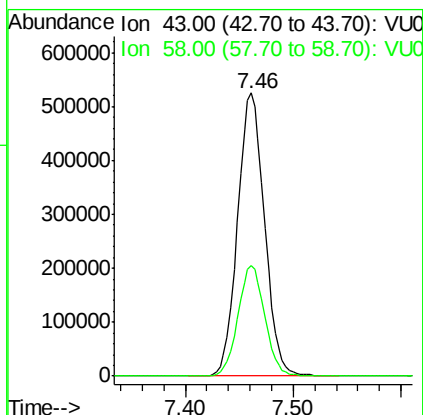
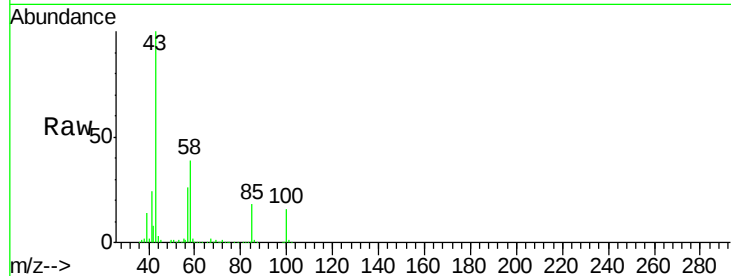
#51
4-Methyl-2-Pentanone
Concen: 247.38 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.0	45.0

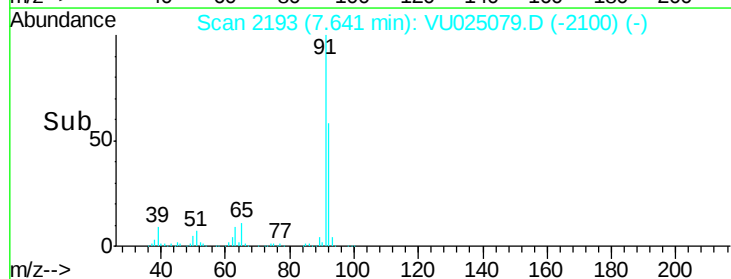
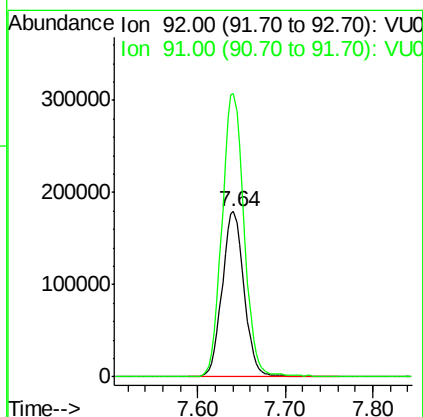
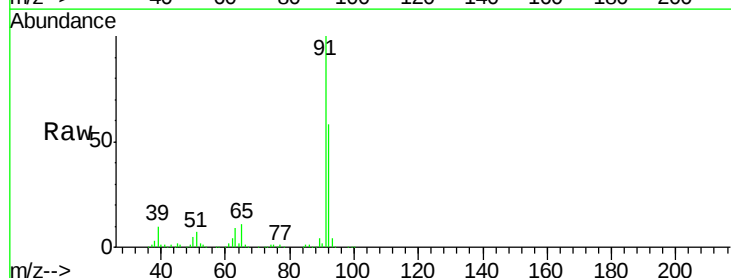
Manual Integrations
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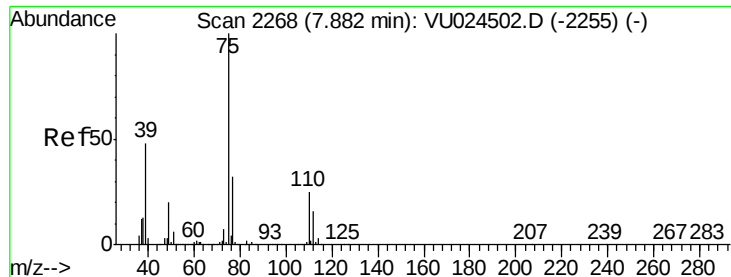
apatel
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#52
Toluene
Concen: 54.81 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.3	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 52.64 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 196497

Ion Ratio Lower Upper

75 100

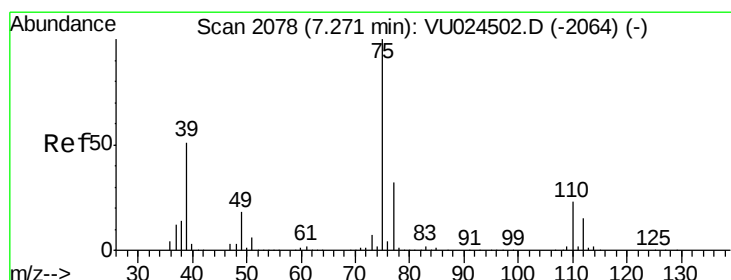
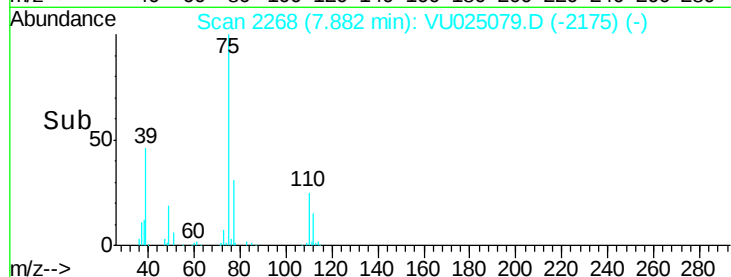
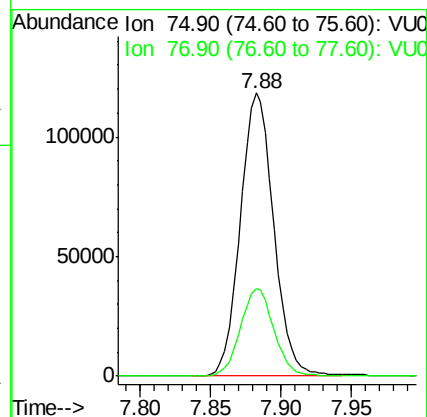
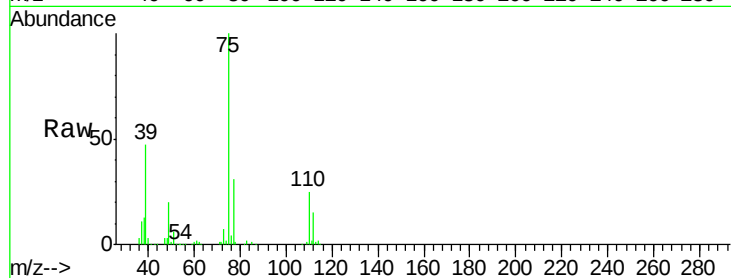
77 30.9 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 51.26 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

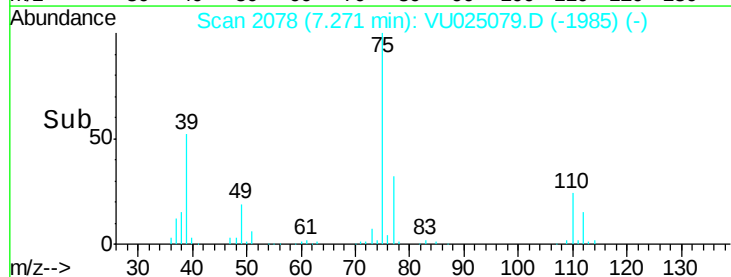
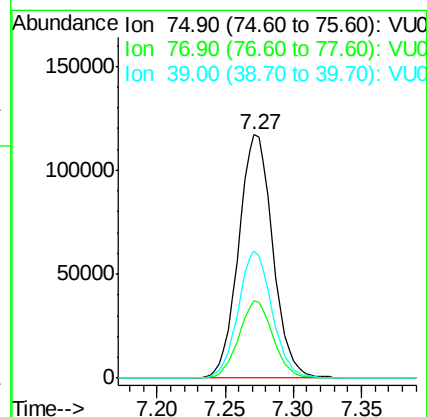
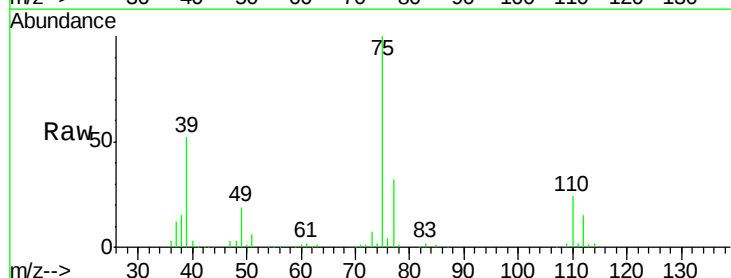
Tgt Ion: 75 Resp: 203894

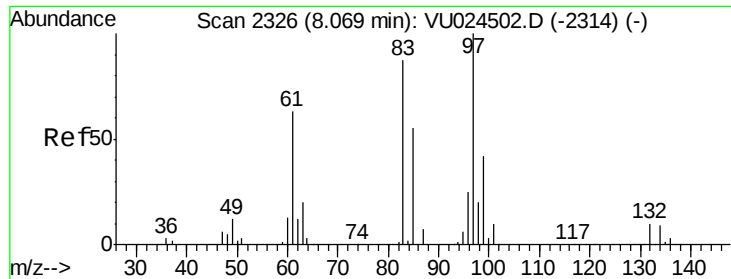
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 51.9 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 53.92 ug/l

RT: 8.07 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

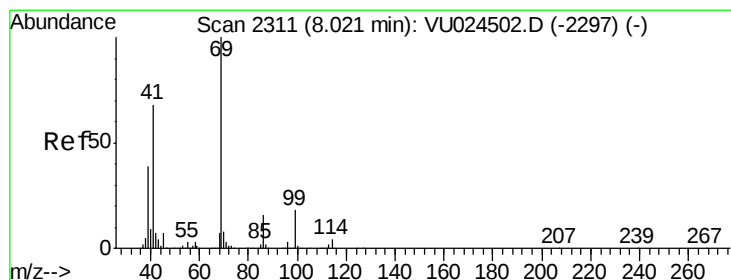
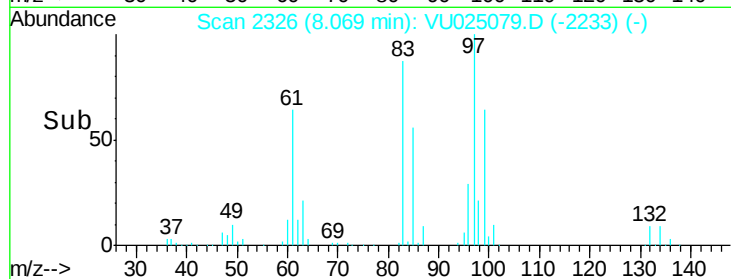
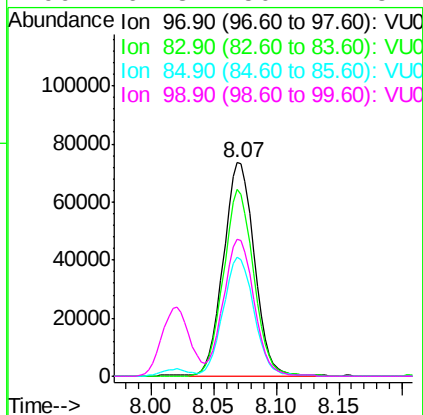
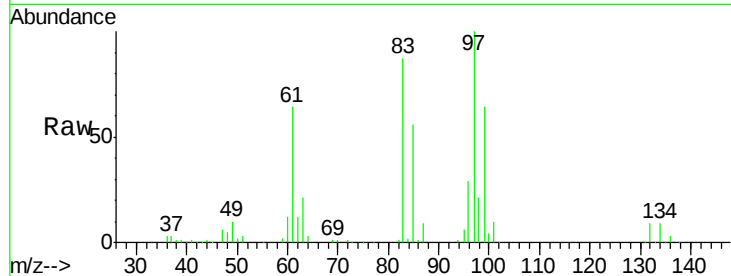
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	125597
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.5	105.7
85	55.9	46.4	69.6
99	64.3	50.2	75.2

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#56

Ethyl methacrylate

Concen: 50.08 ug/l

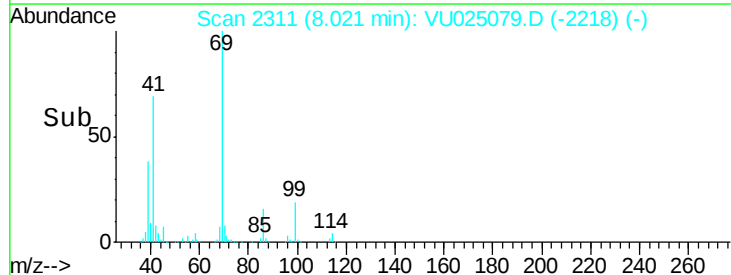
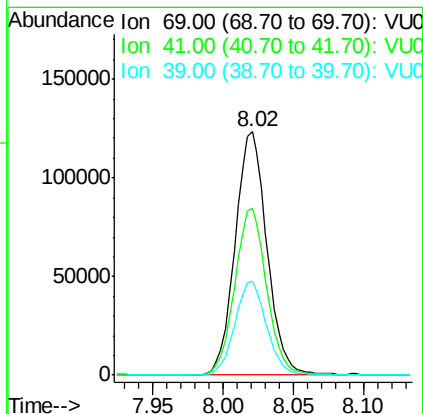
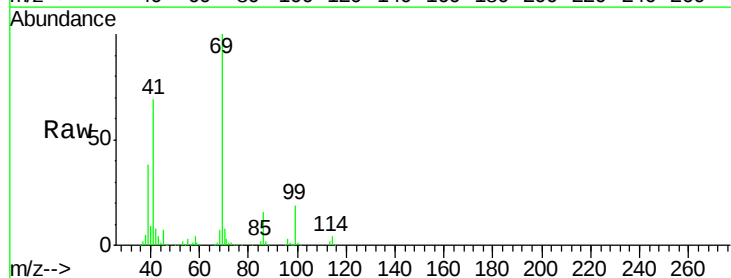
RT: 8.02 min Scan# 2311

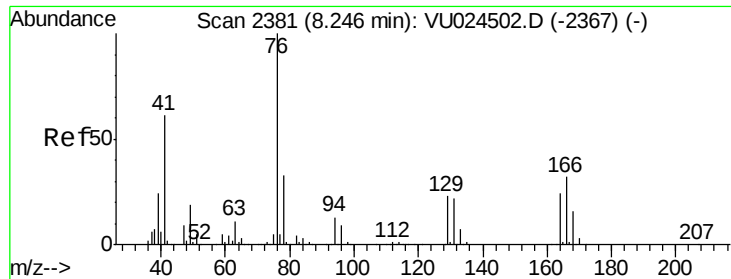
Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion:	69	Resp:	195248
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.1	81.1
39	38.0	30.3	45.5





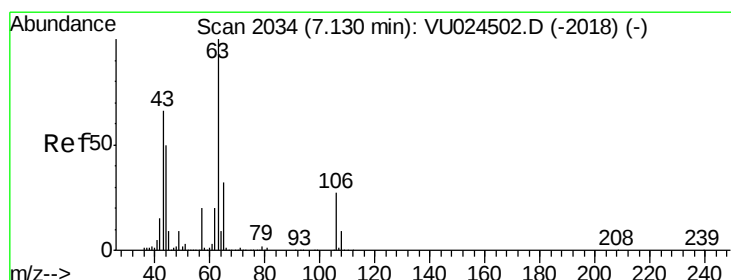
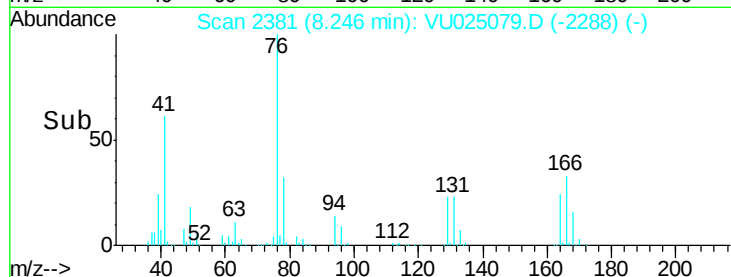
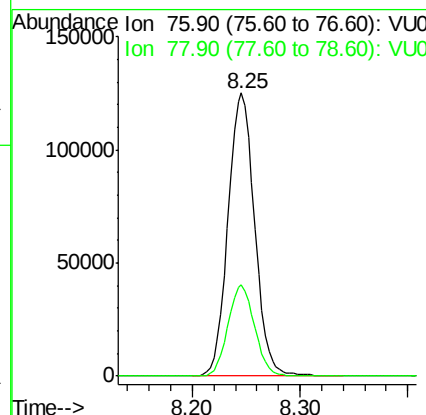
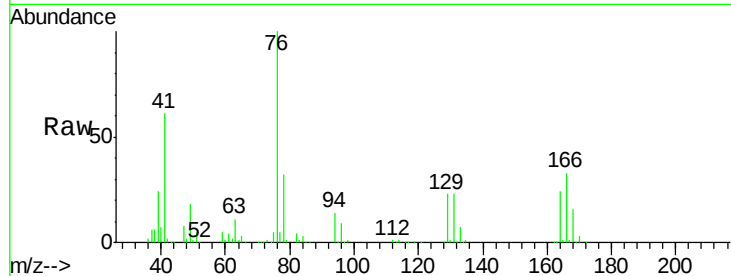
#57
 1,3-Dichloropropane
 Concen: 54.80 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 215332
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8

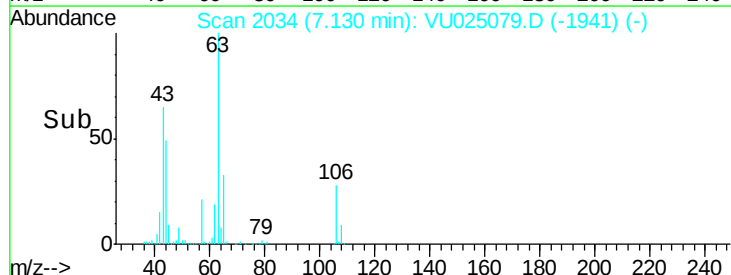
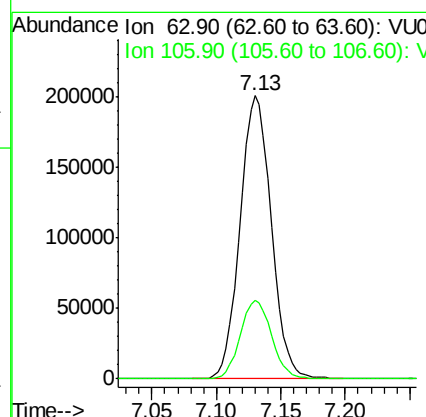
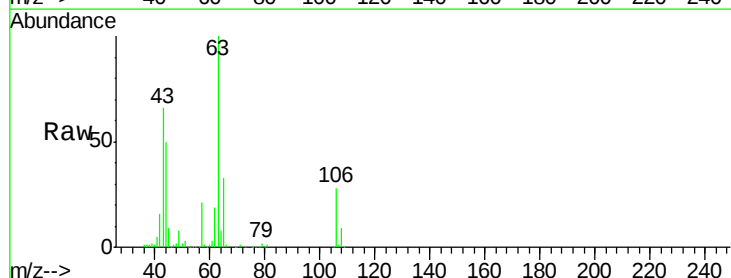
Manual Integrations
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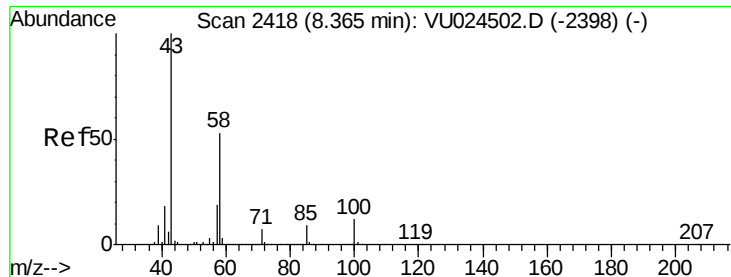
apatel
 7/2/2018 4:16:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 226.24 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion: 63 Resp: 337925
 Ion Ratio Lower Upper
 63 100
 106 27.8 20.2 30.2





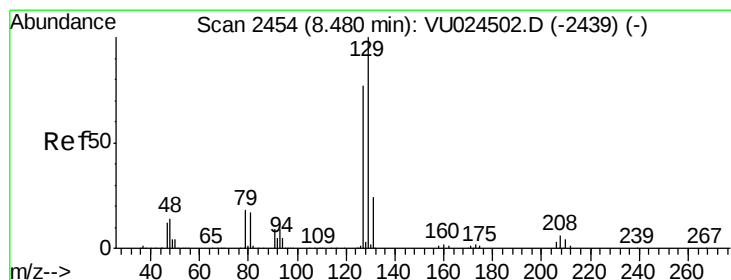
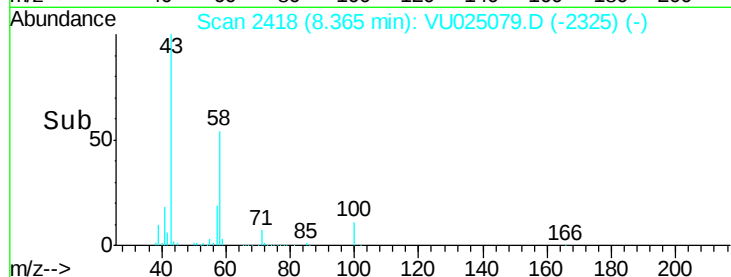
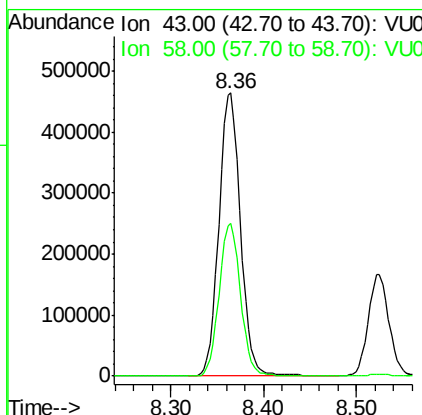
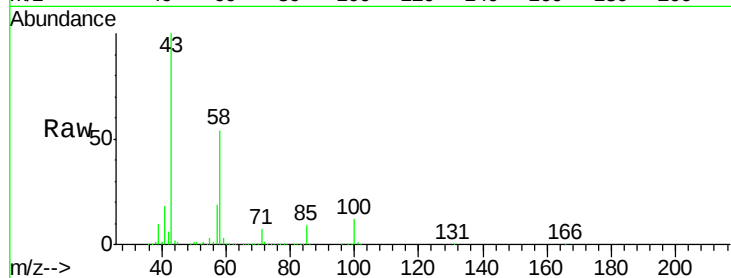
#59
2-Hexanone
Concen: 248.35 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 750169
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.0

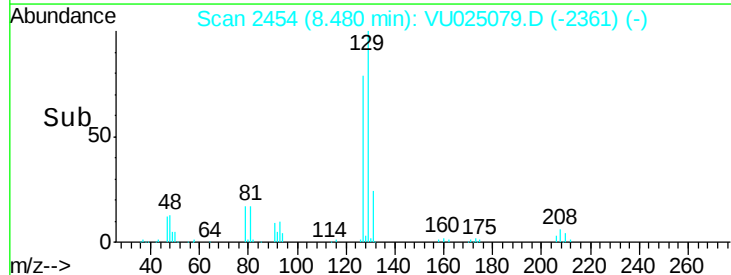
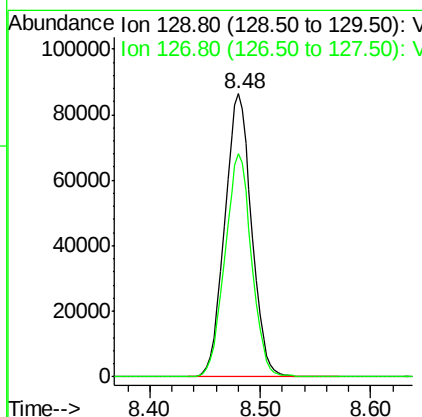
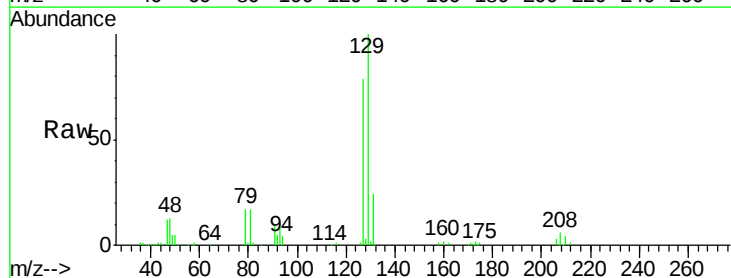
Manual Integrations
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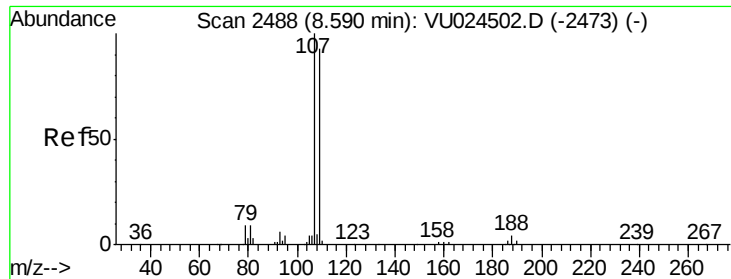
apatel
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#60
Dibromochloromethane
Concen: 50.10 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion: 129 Resp: 145526
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 53.54 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 138807

Ion Ratio Lower Upper

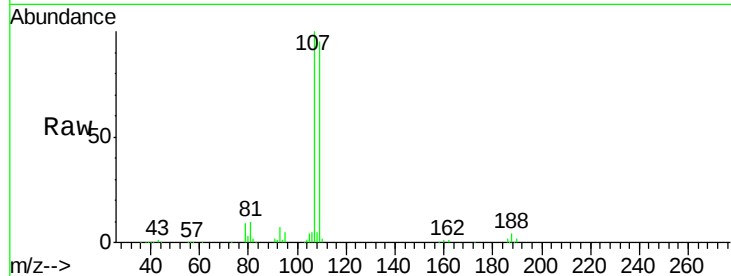
107 100

109 94.4 74.5 111.7

Manual Integrations
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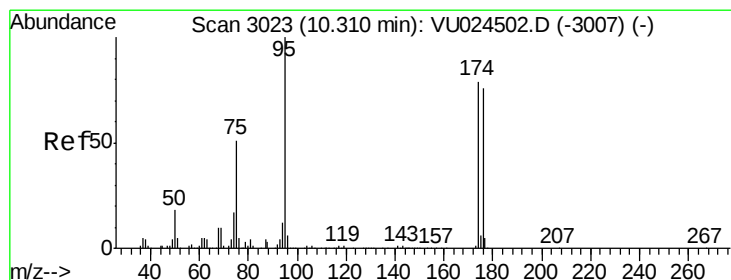
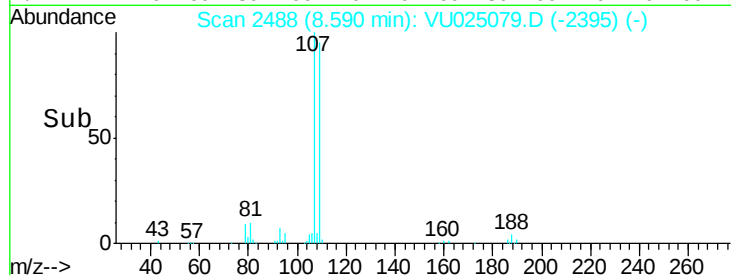
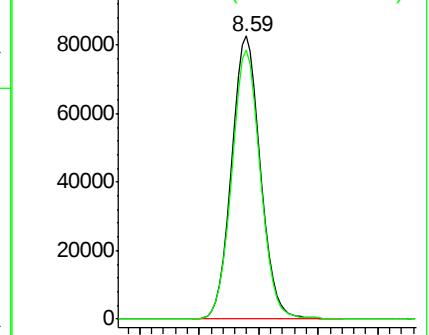
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.79 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

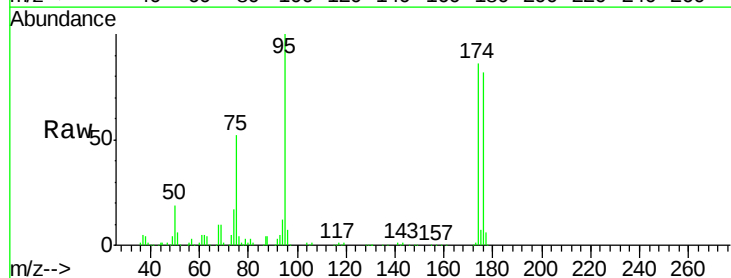
Tgt Ion: 95 Resp: 152787

Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

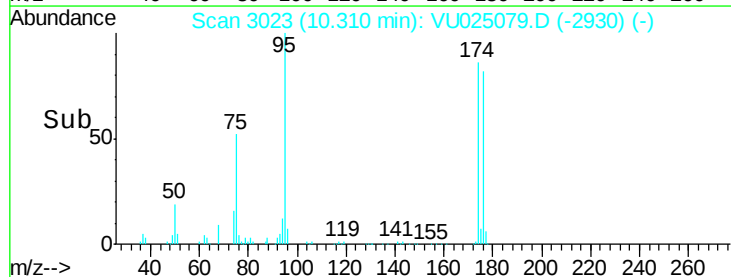
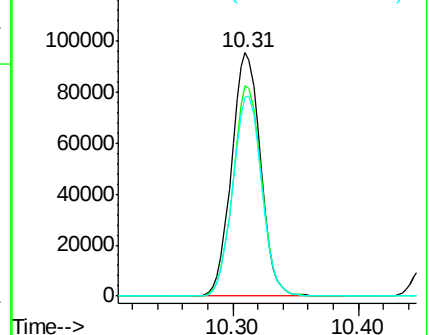
176 82.3 0.0 159.4

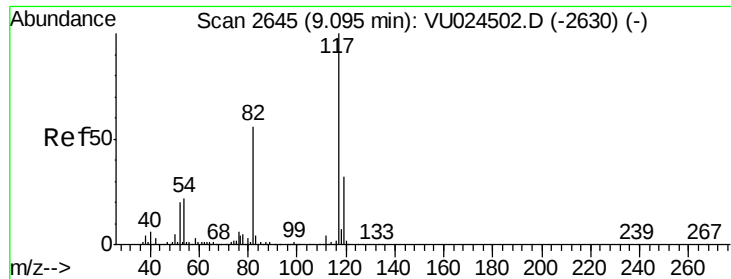


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





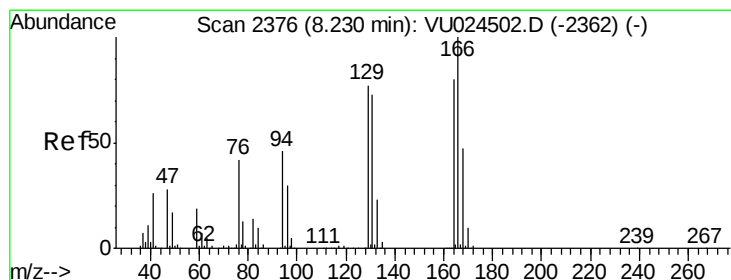
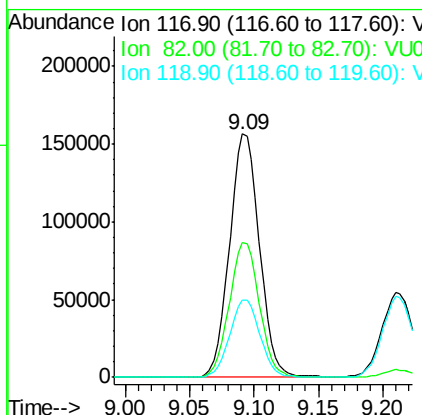
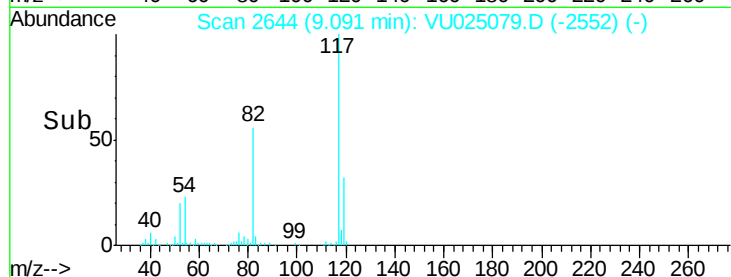
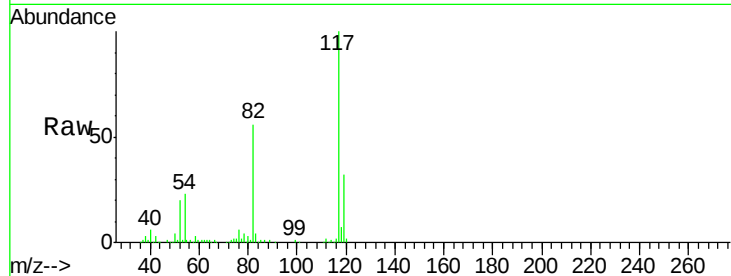
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	252314		
82	55.6	44.3	66.5	
119	31.7	25.4	38.2	

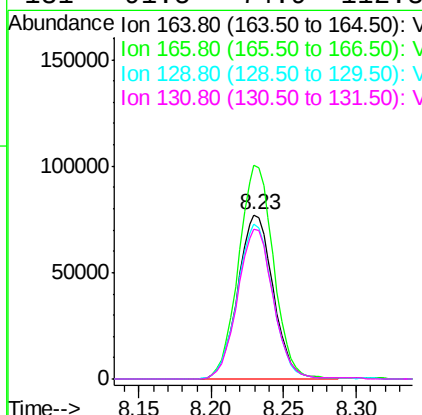
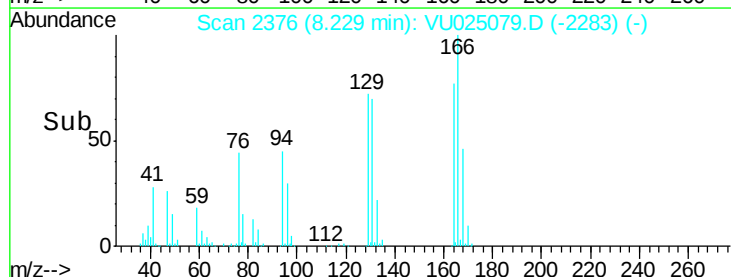
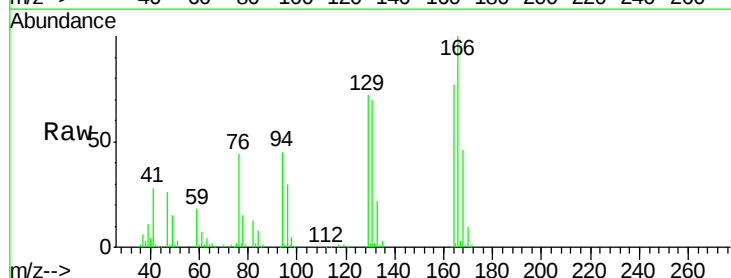
Manual Integrations
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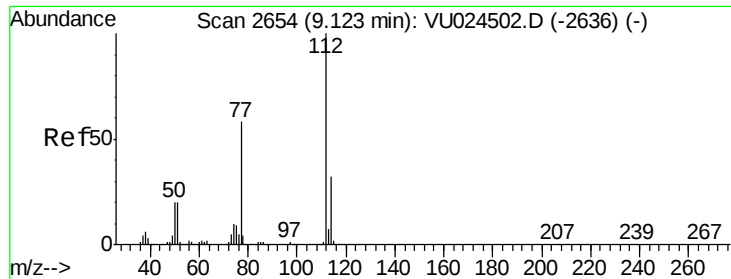
apatel
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#64
Tetrachloroethene
Concen: 54.40 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	130474		
166	130.0	101.7	152.5	
129	94.1	76.9	115.3	
131	91.5	74.9	112.3	





#65

Chlorobenzene

Concen: 55.03 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 354701

Ion Ratio Lower Upper

112 100

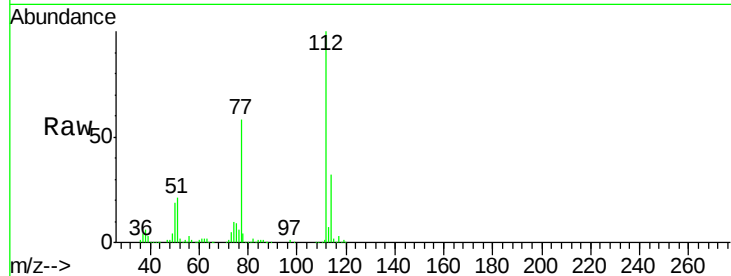
114 31.8 25.6 38.4

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

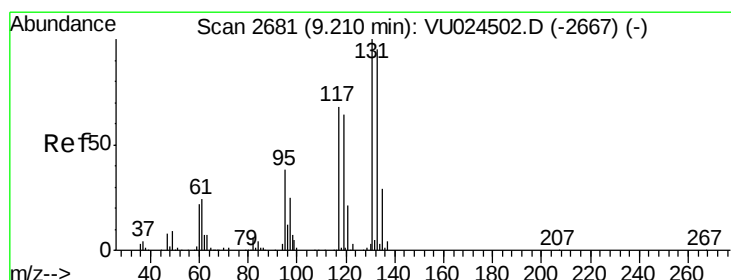
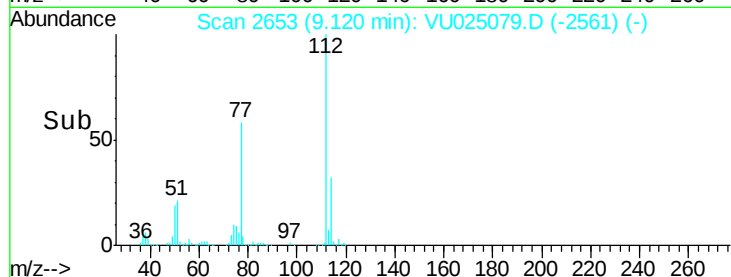
50000

0

9.12

9.10 9.20 9.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 54.48 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

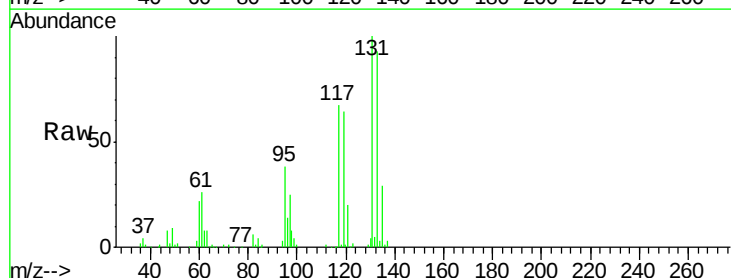
Tgt Ion:131 Resp: 133411

Ion Ratio Lower Upper

131 100

133 95.3 46.9 140.8

119 64.2 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

40000

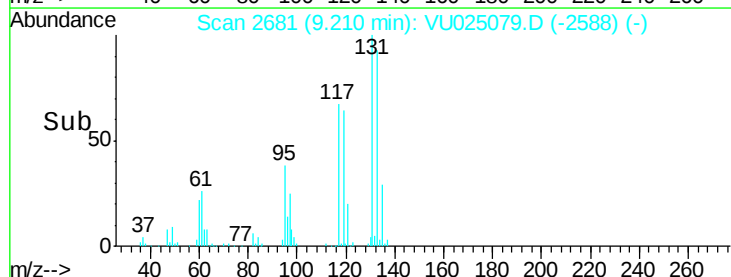
20000

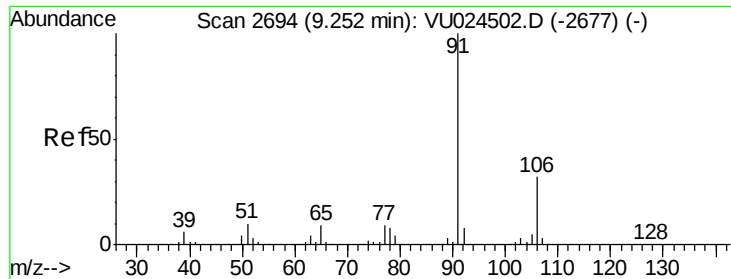
0

9.21

9.15 9.25 9.30

Time-->





#67

Ethyl Benzene

Concen: 54.44 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 615140

Ion Ratio Lower Upper

91 100

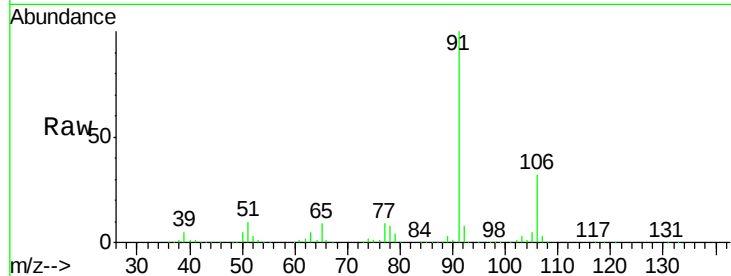
106 31.5 24.2 36.4

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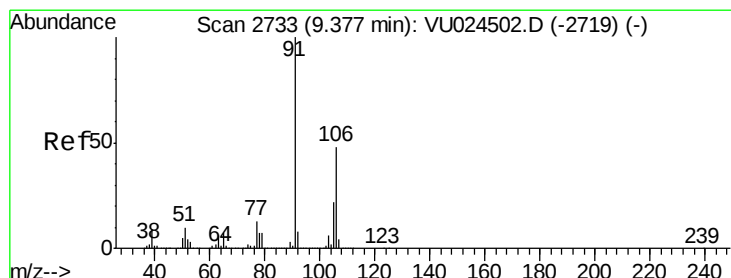
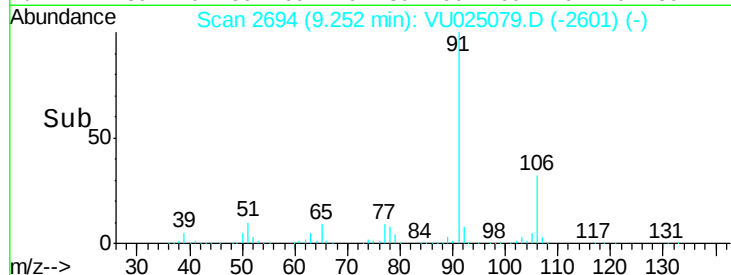
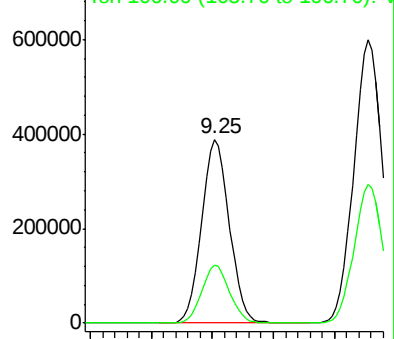
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Abundance Ion 91.00 (90.70 to 91.70): VU025079.D (-2601) (-)



#68

m/p-Xylenes

Concen: 111.39 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU025079.D

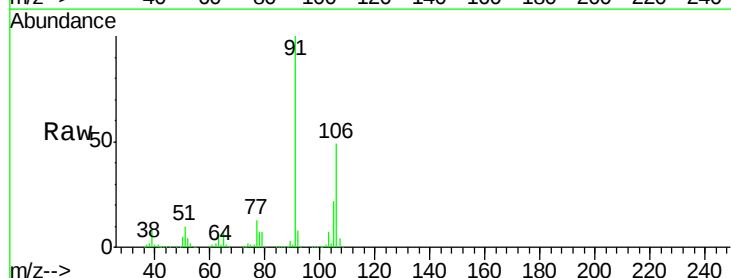
Acq: 30 Jun 2018 11:22

Tgt Ion: 106 Resp: 483339

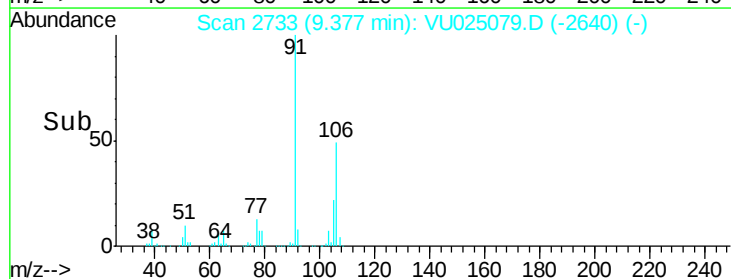
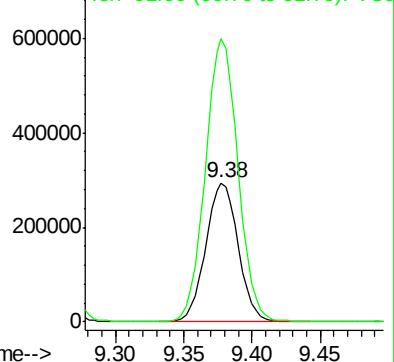
Ion Ratio Lower Upper

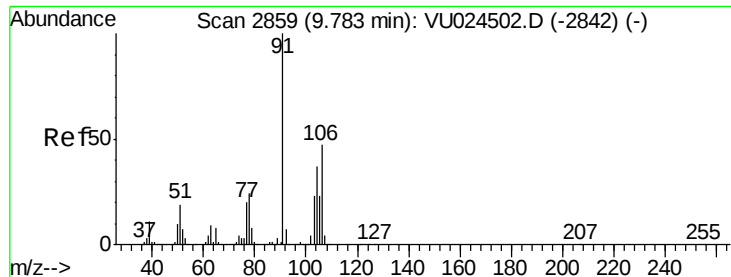
106 100

91 205.2 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU025079.D (-2640) (-)





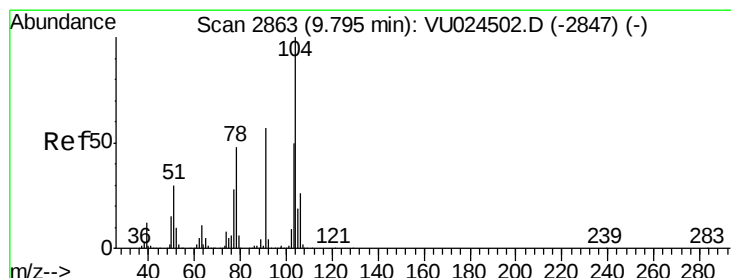
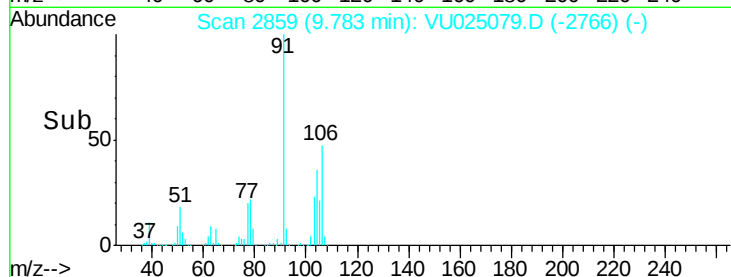
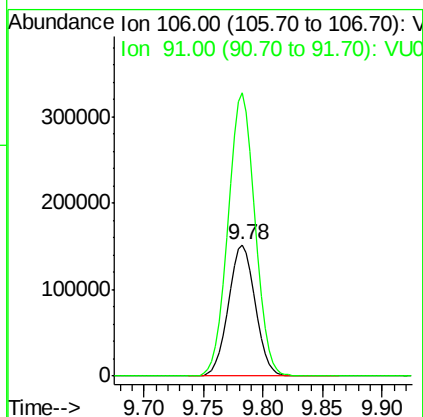
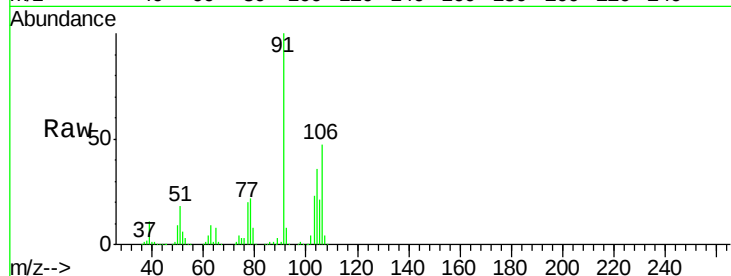
#69
o-Xylene
Concen: 55.48 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.5	110.7	331.9

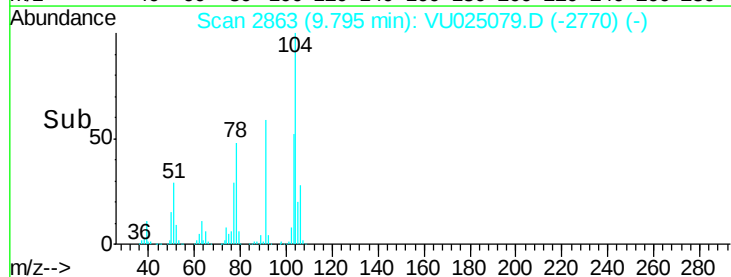
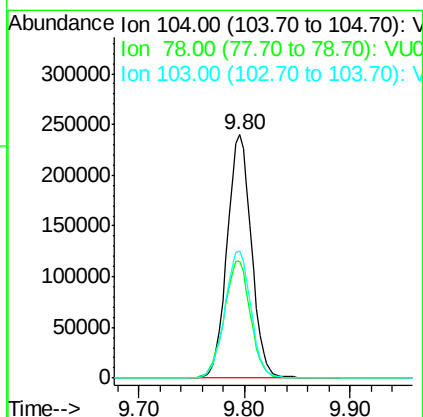
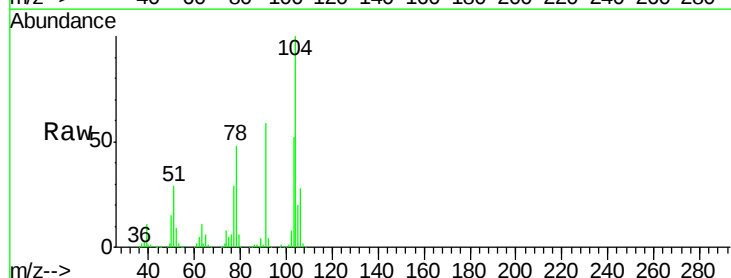
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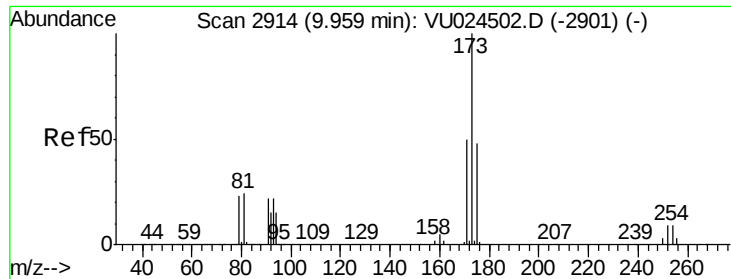
apatel
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#70
Styrene
Concen: 54.07 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.6	60.8
103	55.9	44.7	67.1





#71

Bromoform

Concen: 49.23 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

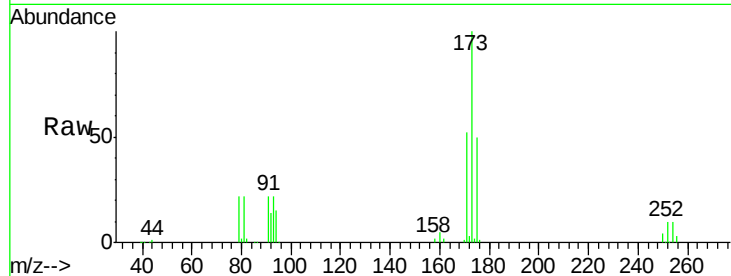
ClientSampleId :

VSTDCCC050

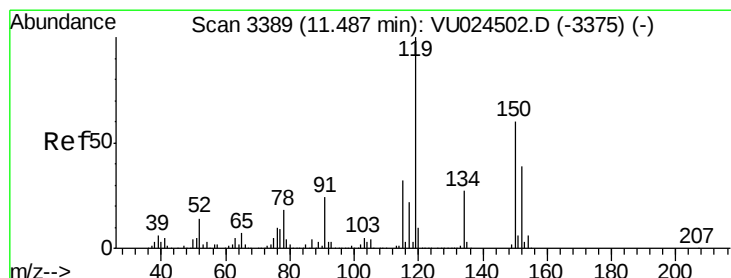
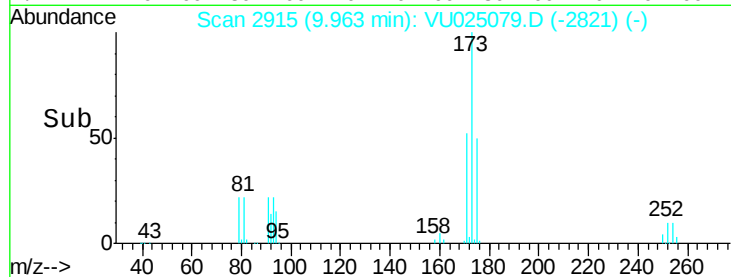
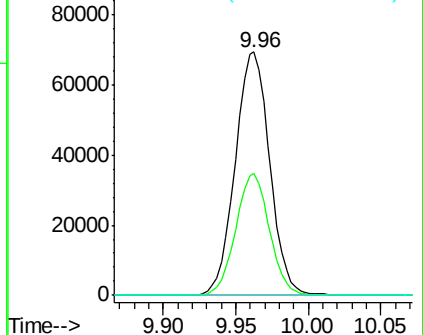
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	74.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

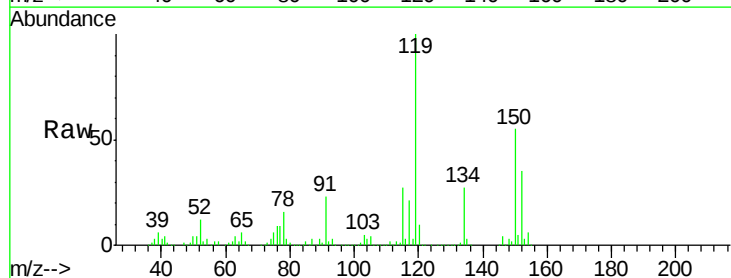
RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

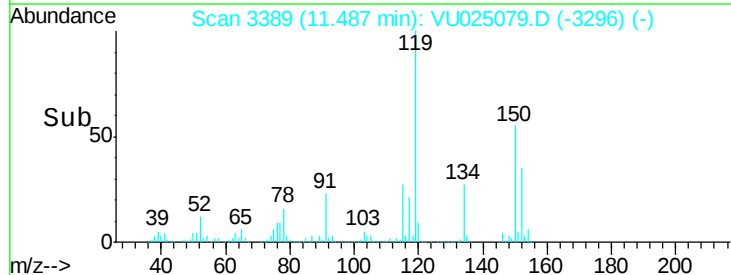
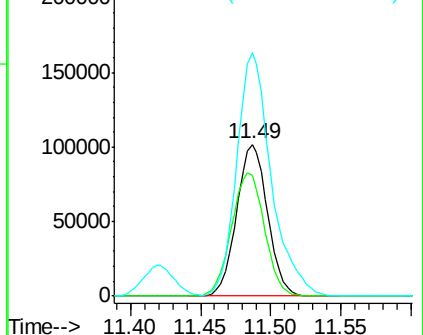
Lab File: VU025079.D

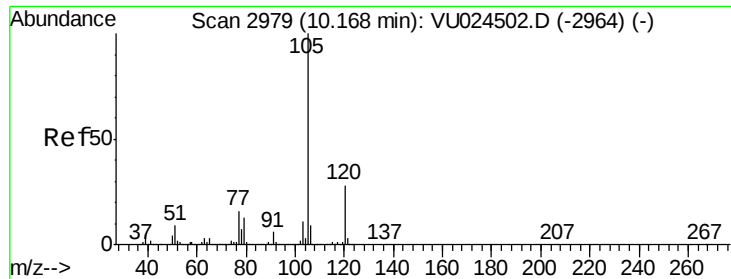
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	86.6	43.0	129.0
150	179.0	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: 53.90 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 649104

Ion Ratio Lower Upper

105 100

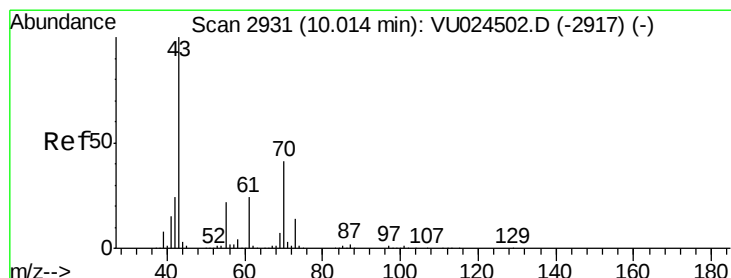
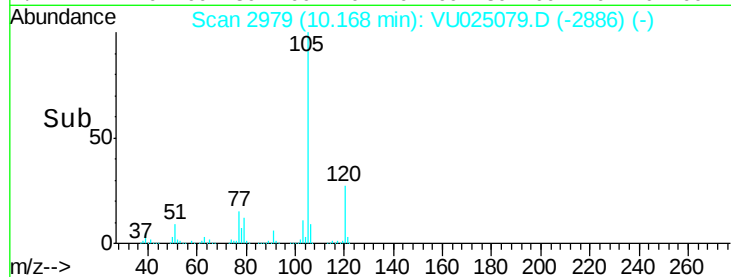
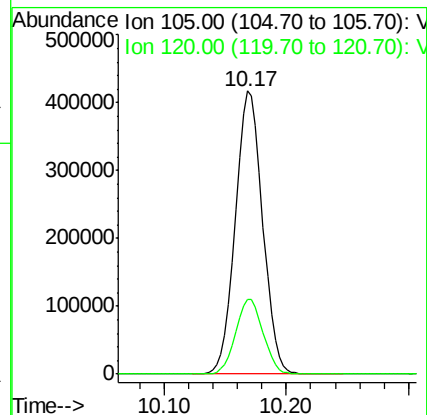
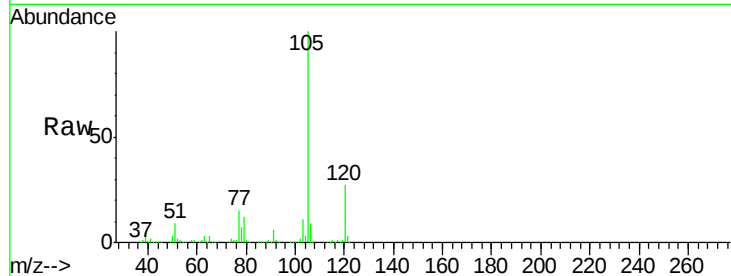
120 26.6 13.2 39.6

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#74

N-ethyl acetate

Concen: 46.10 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion: 43 Resp: 264041

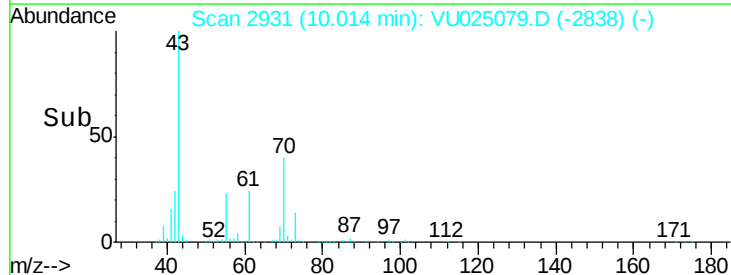
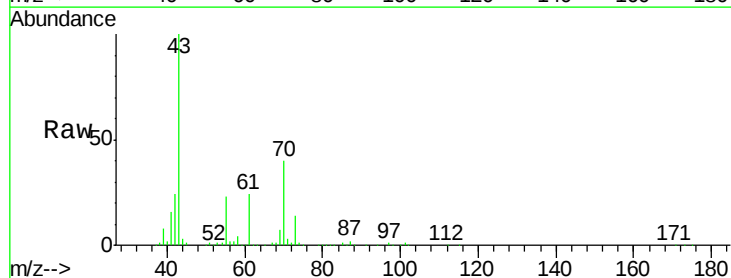
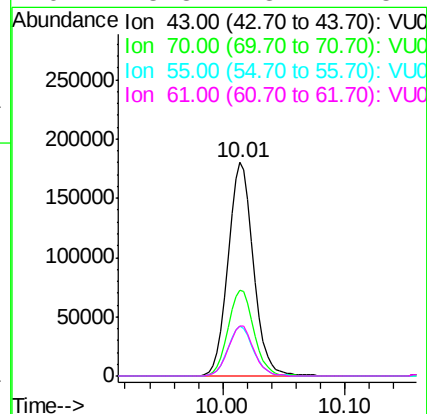
Ion Ratio Lower Upper

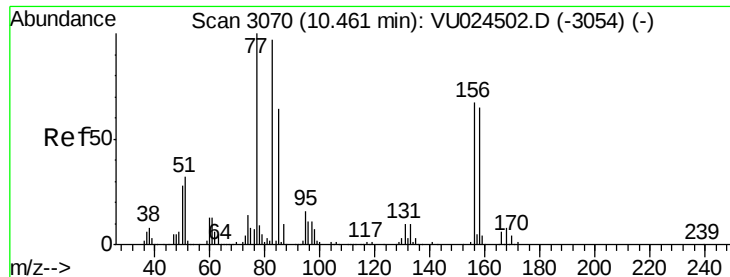
43 100

70 41.1 32.2 48.4

55 23.8 20.5 30.7

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.70 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 204574

Ion Ratio Lower Upper

83 100

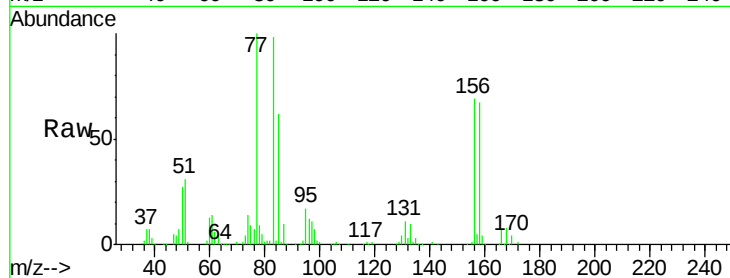
131 11.1 4.7 14.1

85 64.2 32.5 97.5

Manual Integrations
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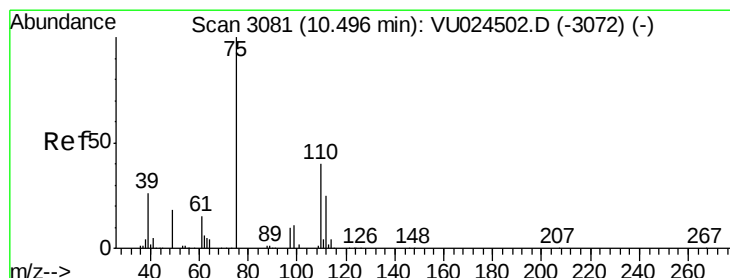
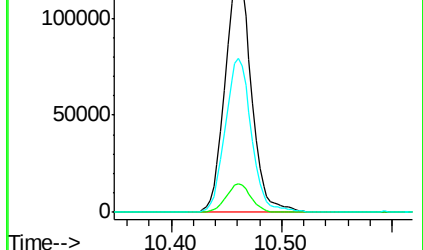
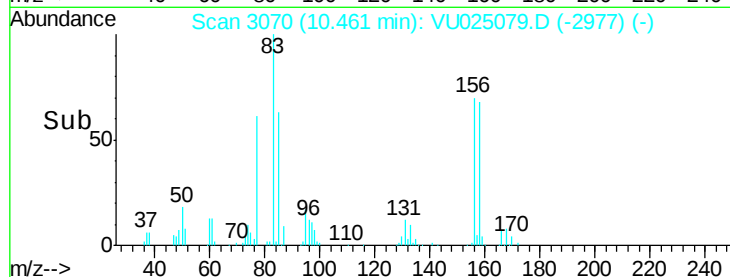


Abundance Ion 82.90 (82.60 to 83.60): VU025079.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025079.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025079.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 54.53 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025079.D

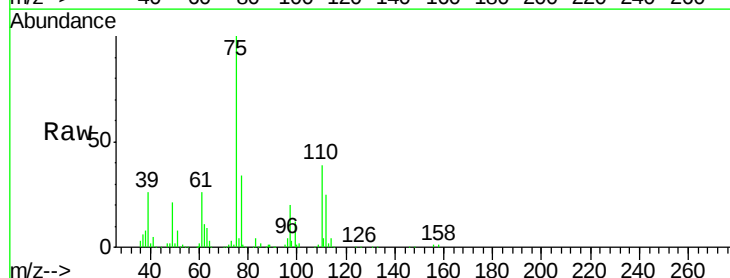
Acq: 30 Jun 2018 11:22

Tgt Ion: 75 Resp: 188300

Ion Ratio Lower Upper

75 100

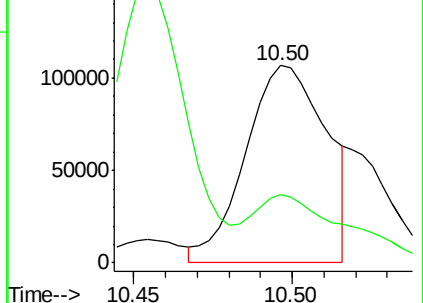
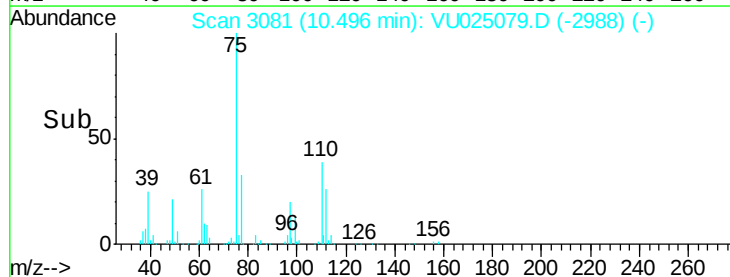
77 40.0 20.9 62.7

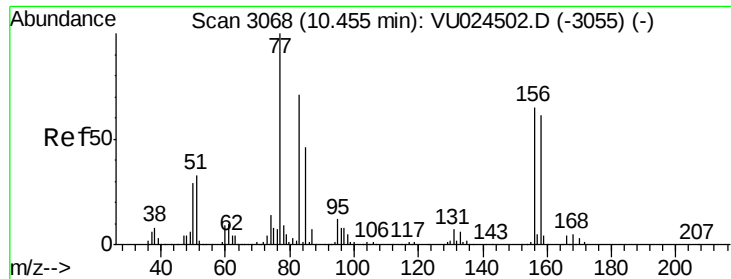


Abundance Ion 74.90 (74.60 to 75.60): VU025079.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025079.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 53.65 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

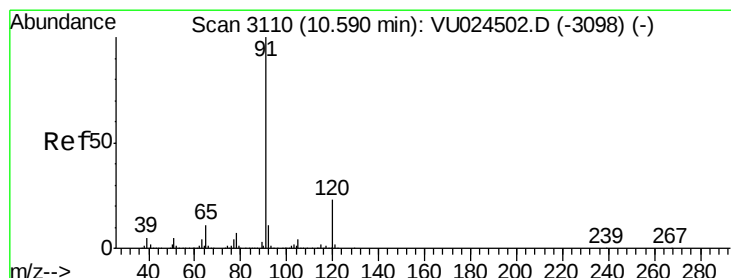
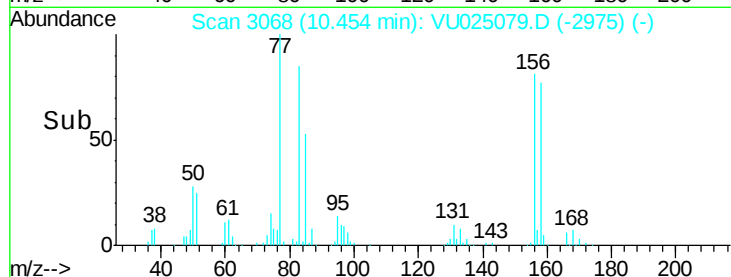
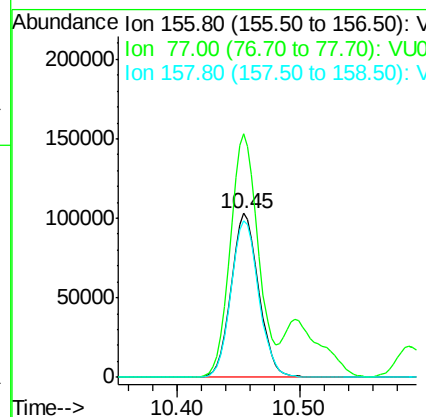
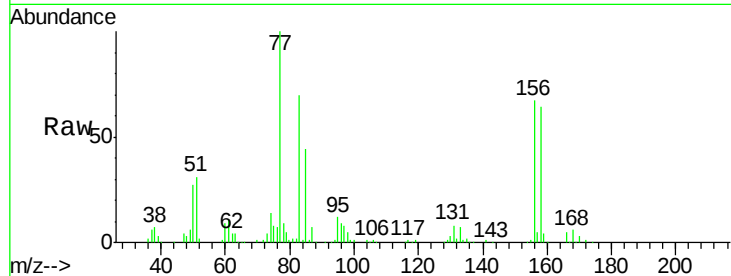
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	163569
Ion Ratio	Lower	Upper	
156	100		
77	149.7	80.5	241.3
158	96.2	48.2	144.6

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#78

n-propylbenzene

Concen: 53.29 ug/l

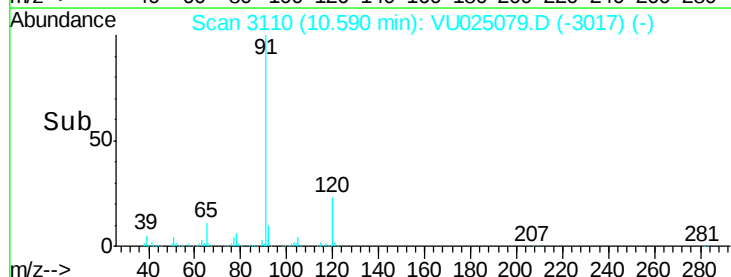
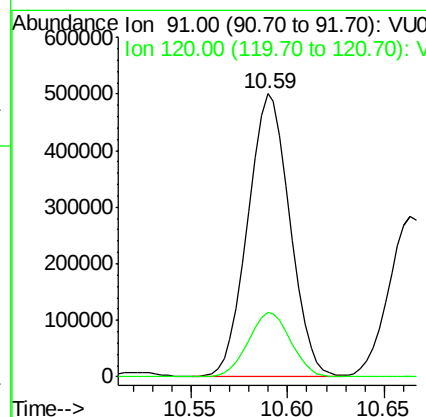
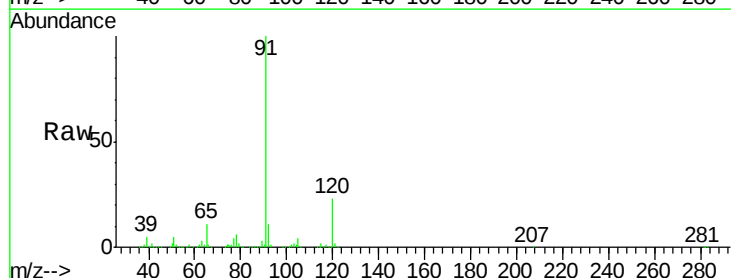
RT: 10.59 min Scan# 3110

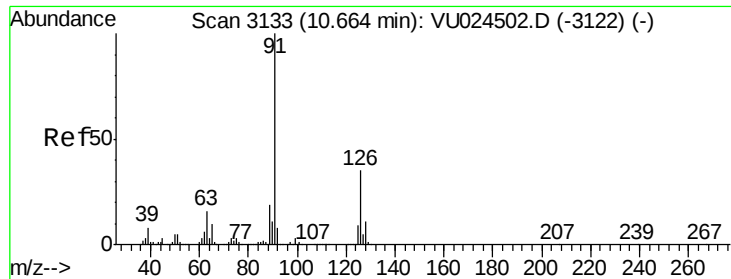
Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion:	91	Resp:	755923
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.2	33.5





#79

2-Chlorotoluene

Concen: 53.00 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 443394

Ion Ratio Lower Upper

91 100

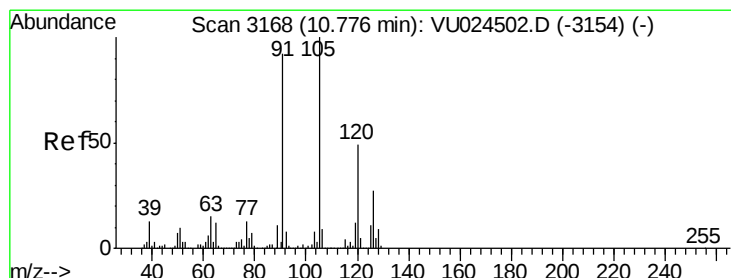
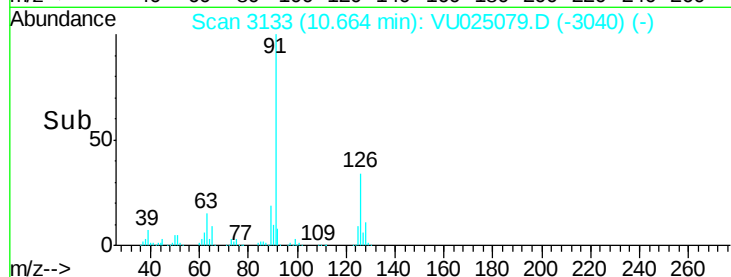
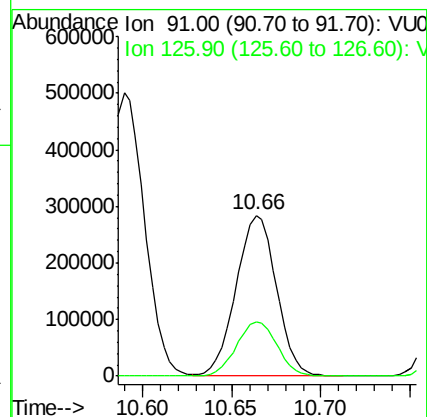
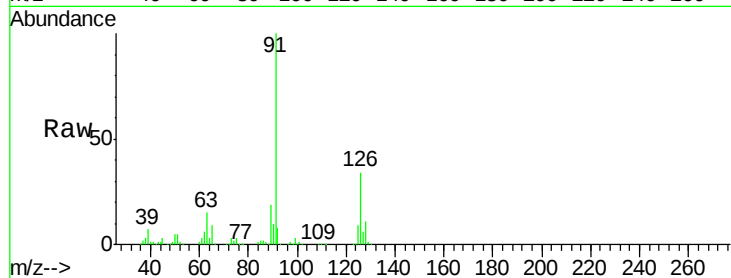
126 34.5 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 54.37 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025079.D

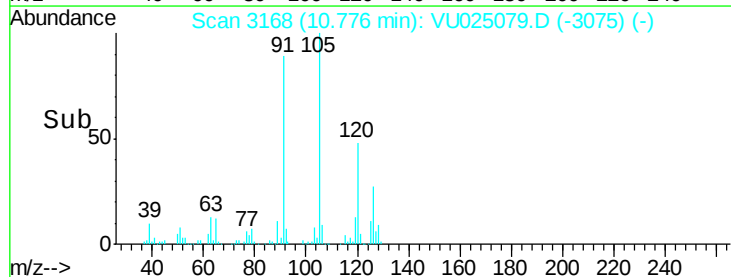
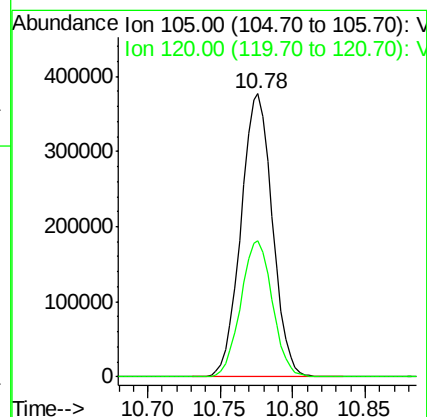
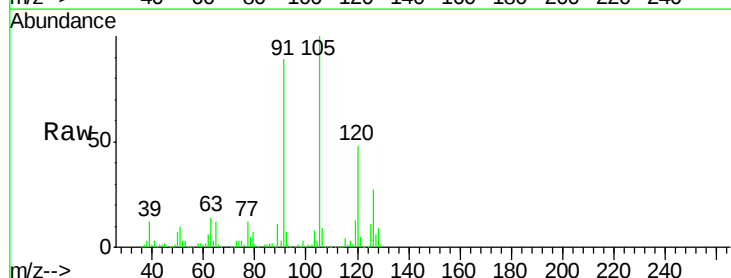
Acq: 30 Jun 2018 11:22

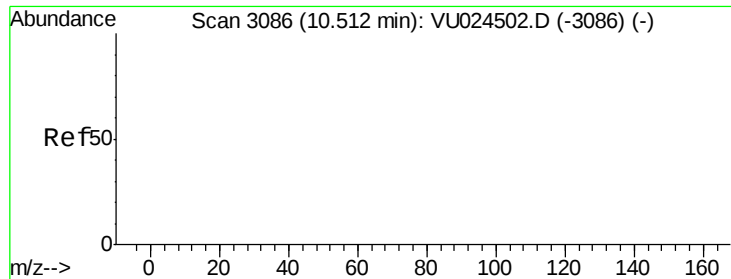
Tgt Ion: 105 Resp: 567449

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2





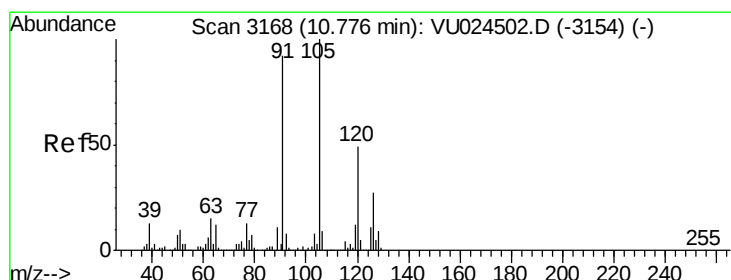
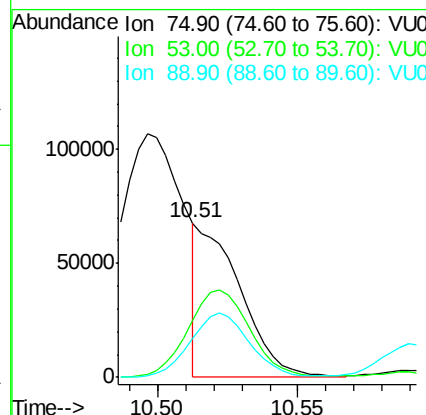
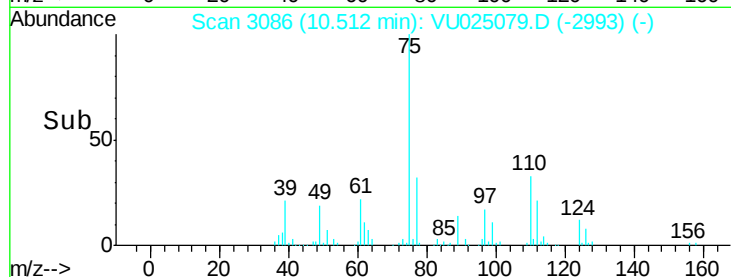
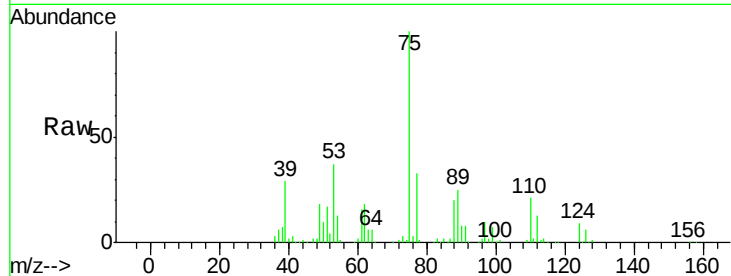
#81
trans-1,4-Dichloro-2-butene
Concen: 48.20 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

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

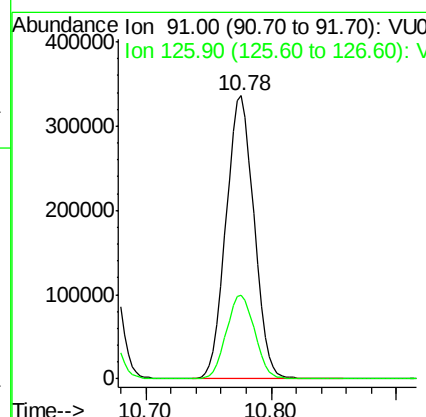
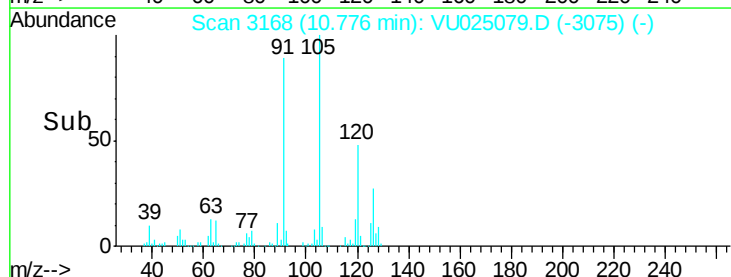
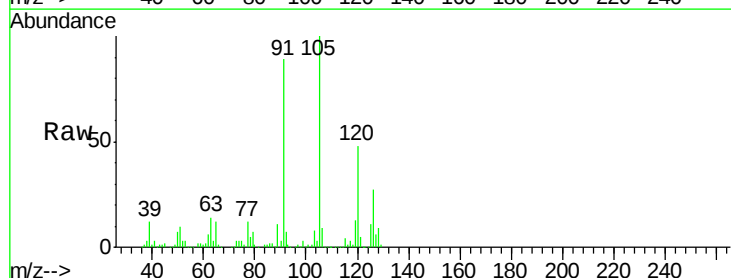
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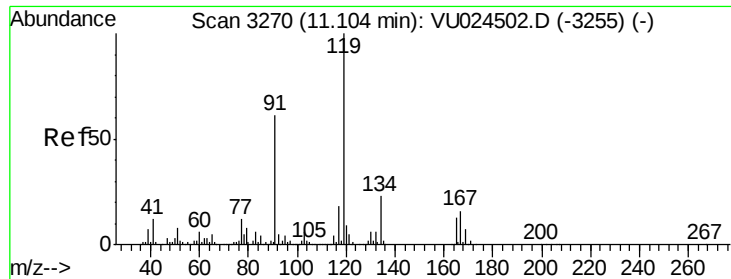
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#82
4-Chlorotoluene
Concen: 53.46 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.9	44.9





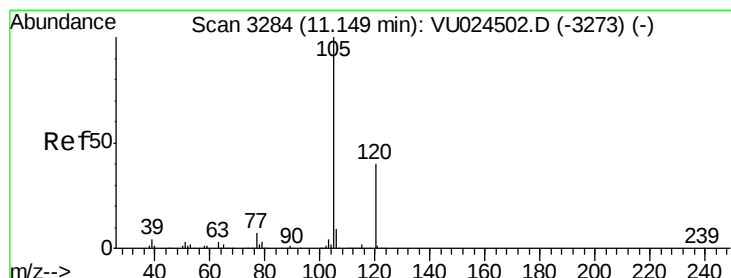
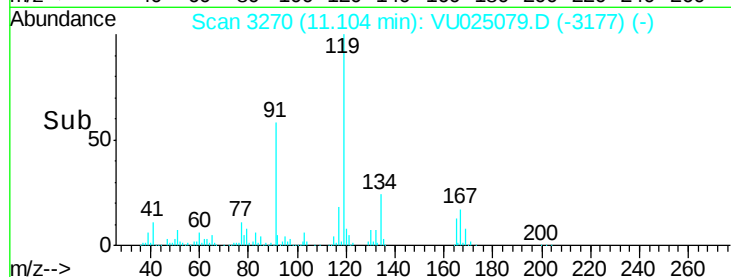
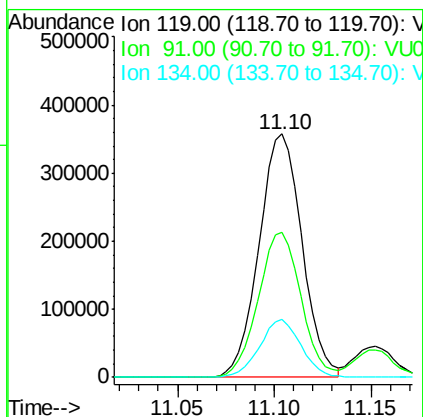
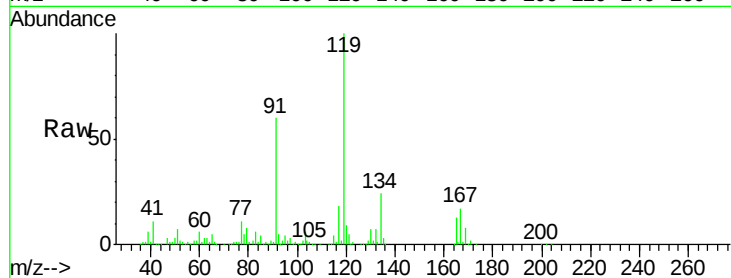
#83
tert-Butylbenzene
Concen: 55.31 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	555253		
91	59.3		29.7	89.1
134	22.8		11.6	34.7

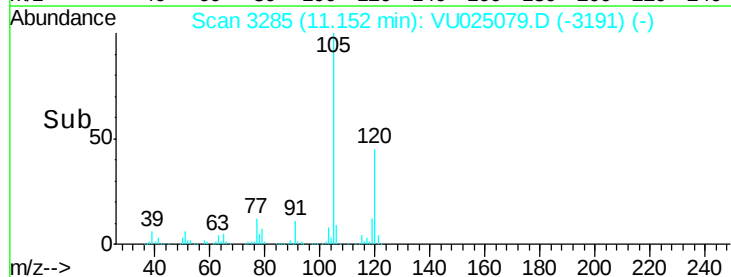
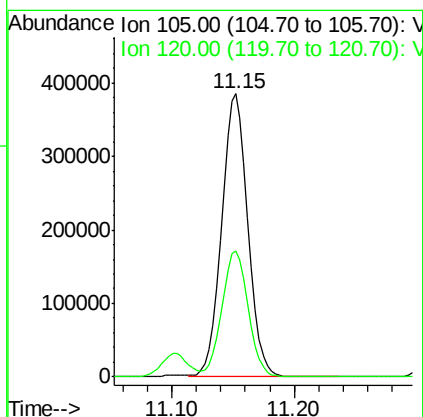
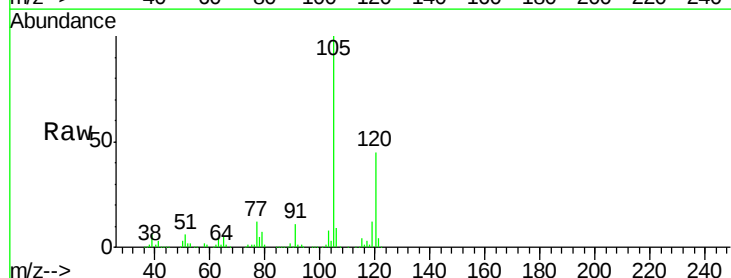
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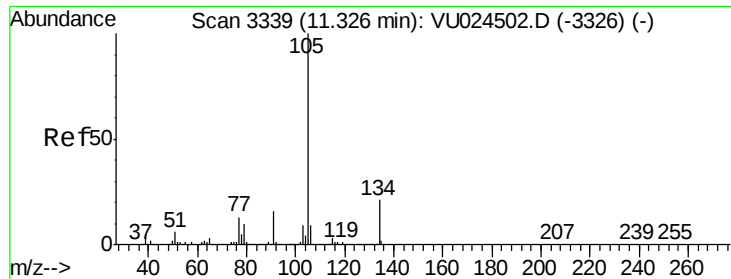
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#84
1,2,4-Trimethylbenzene
Concen: 54.35 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	578056		
120	45.1		22.6	67.8





#85

sec-Butylbenzene

Concen: 53.87 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 676996

Ion Ratio Lower Upper

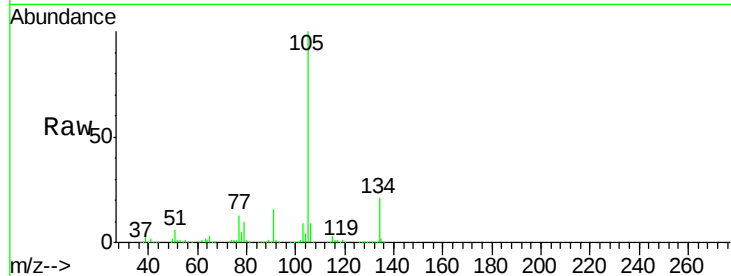
105 100

134 20.5 9.7 29.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

400000

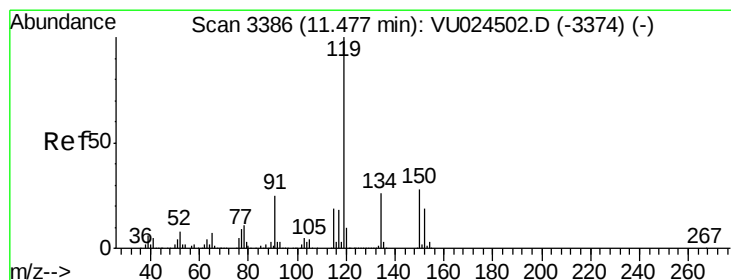
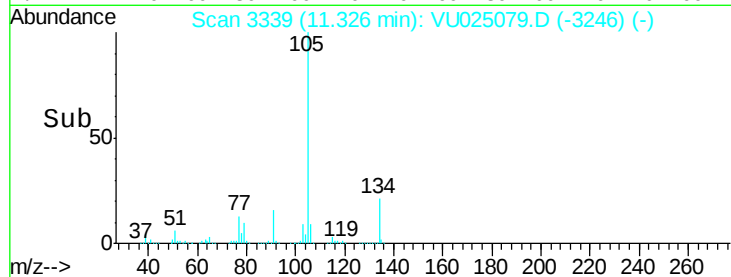
300000

200000

100000

0

Time--> 11.25 11.30 11.35 11.40



#86

p-Isopropyltoluene

Concen: 54.34 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

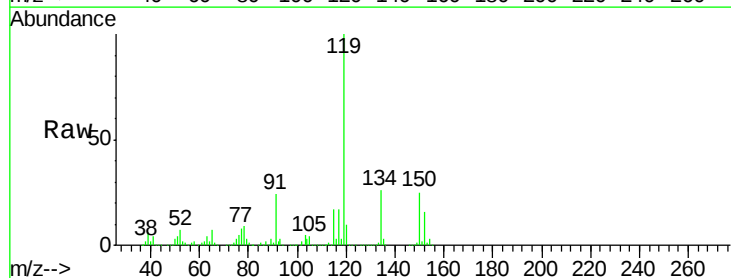
Tgt Ion:119 Resp: 611617

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

91 24.1 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

400000

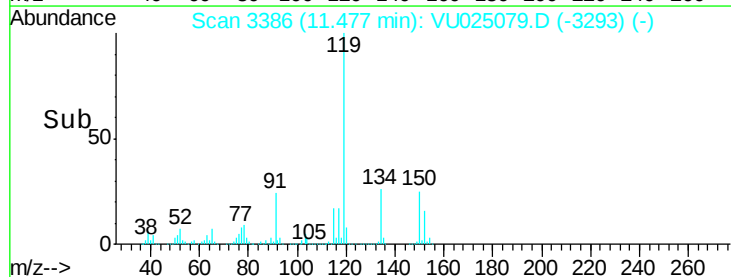
300000

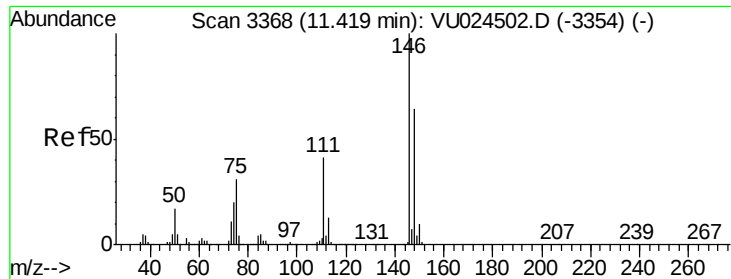
200000

100000

0

Time--> 11.40 11.50 11.60





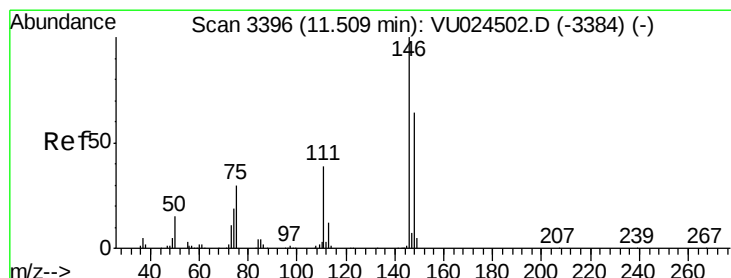
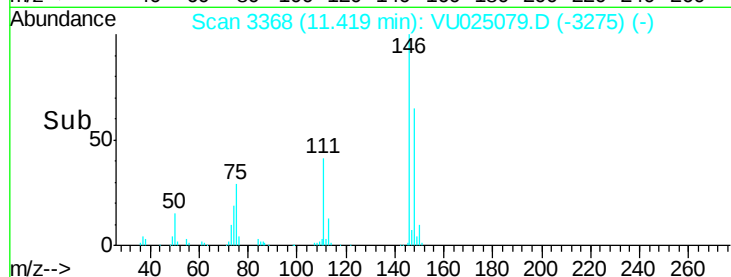
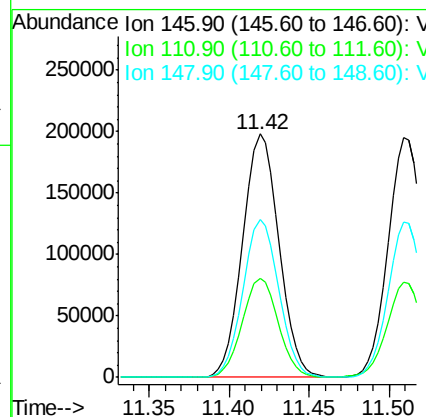
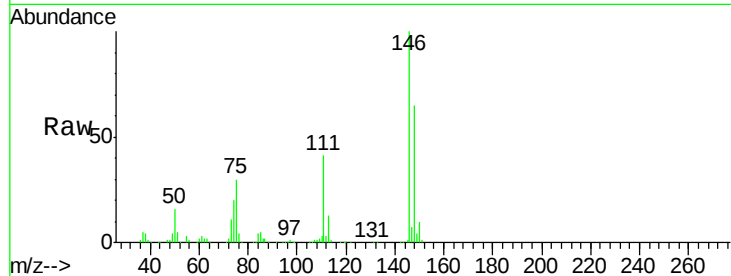
#87
 1,3-Dichlorobenzene
 Concen: 54.40 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	64.0	32.1	96.5

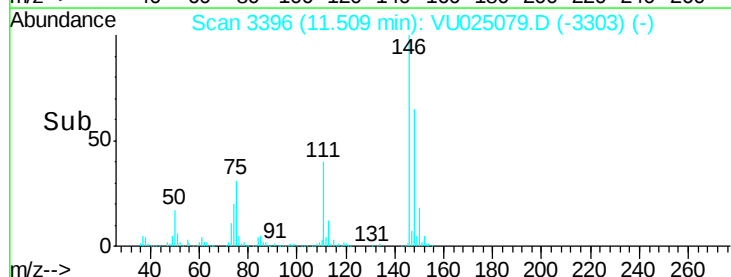
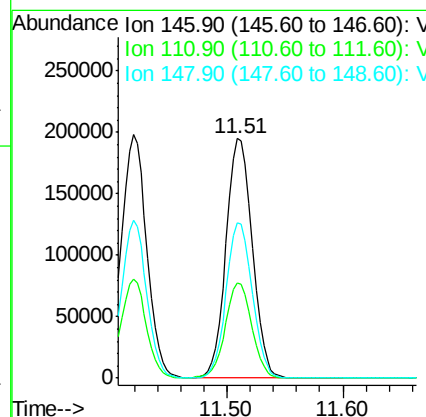
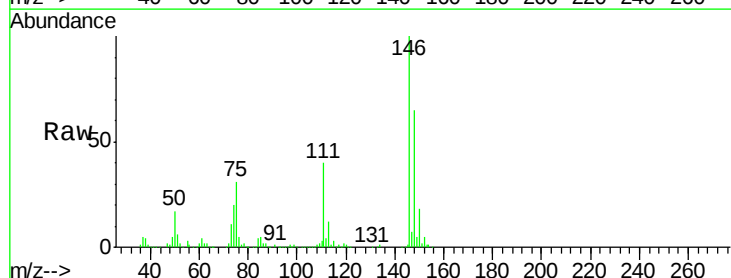
Manual Integrations
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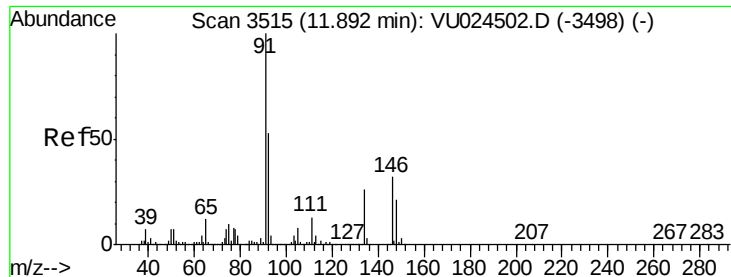
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 53.97 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.5	58.5
148	64.5	32.4	97.0





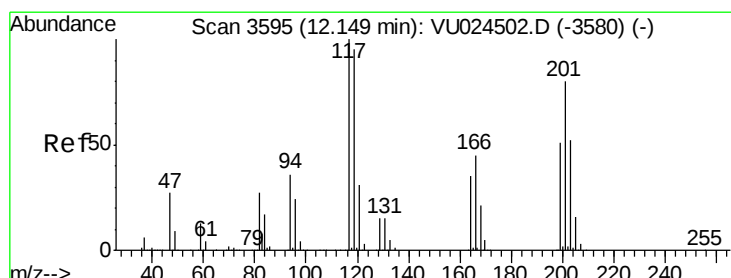
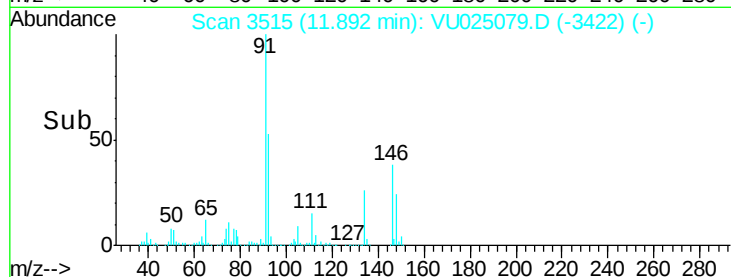
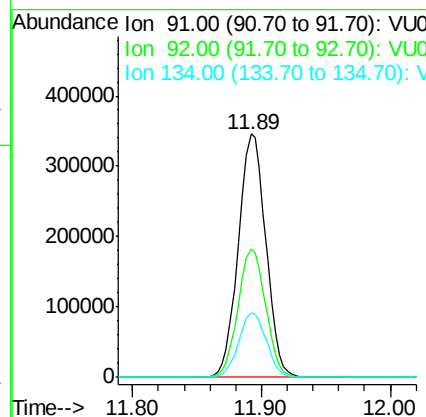
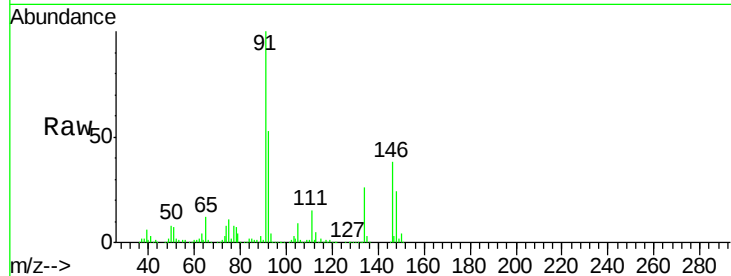
#89
n-Butylbenzene
Concen: 51.36 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.6	76.8
134	26.7	12.3	36.8

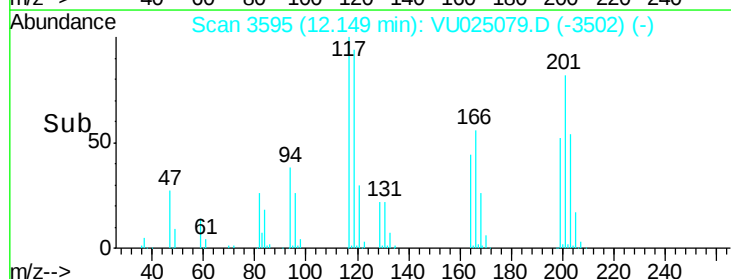
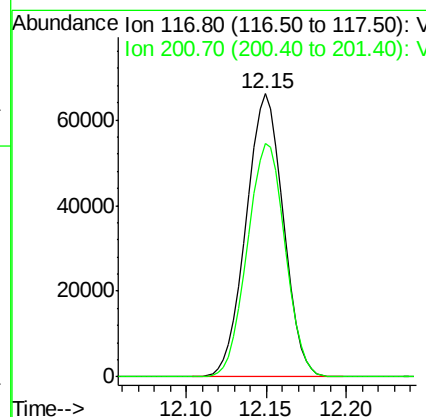
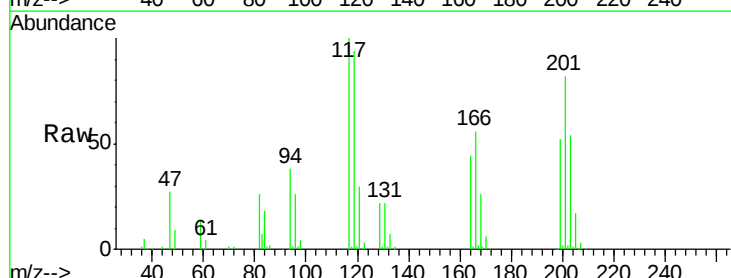
Manual Integrations
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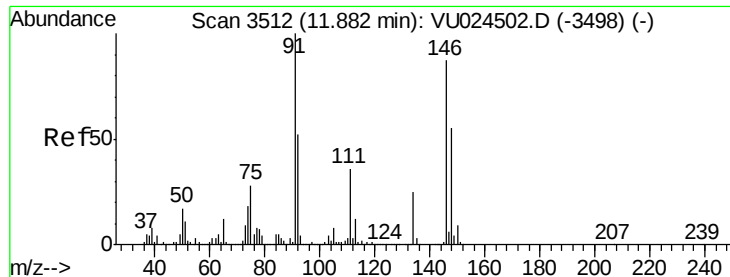
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#90
Hexachloroethane
Concen: 47.72 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.9	41.1	123.3





#91

1,2-Dichlorobenzene

Concen: 55.73 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

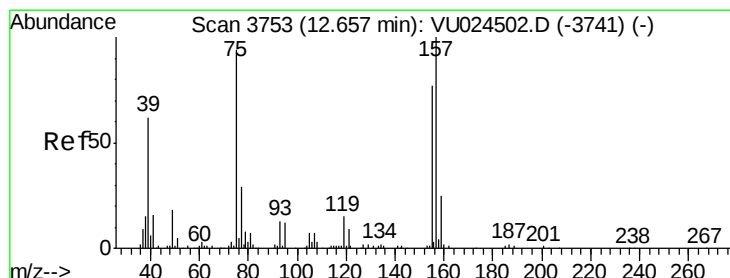
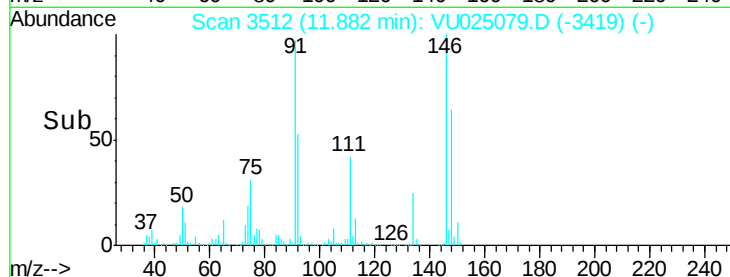
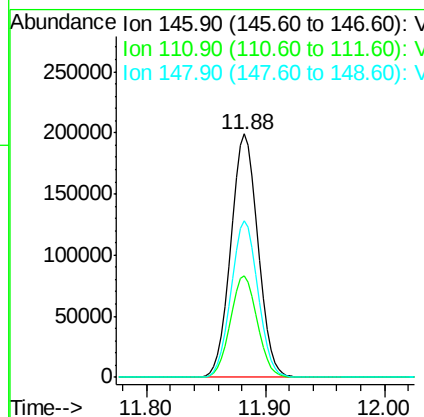
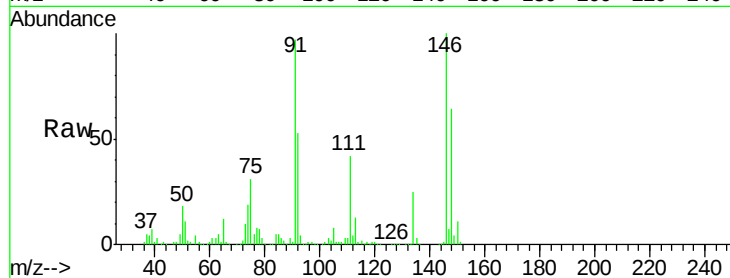
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	314393
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.5	61.6
148	63.9	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.94 ug/l

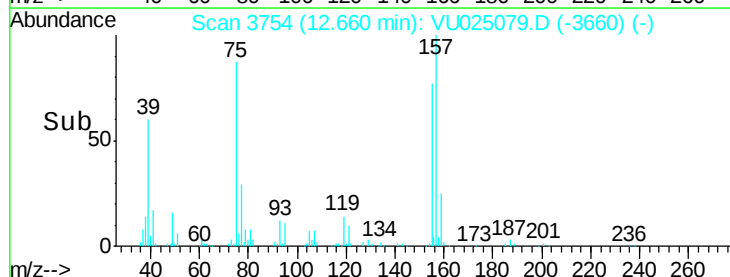
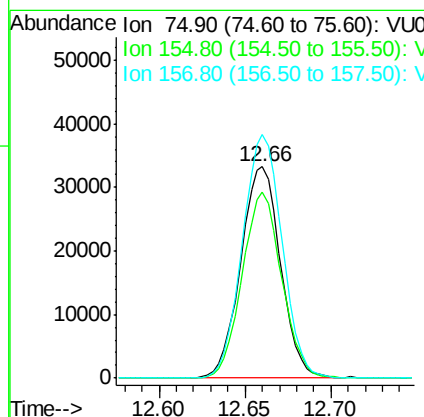
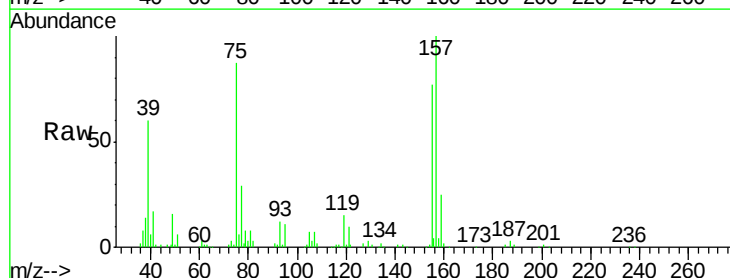
RT: 12.66 min Scan# 3754

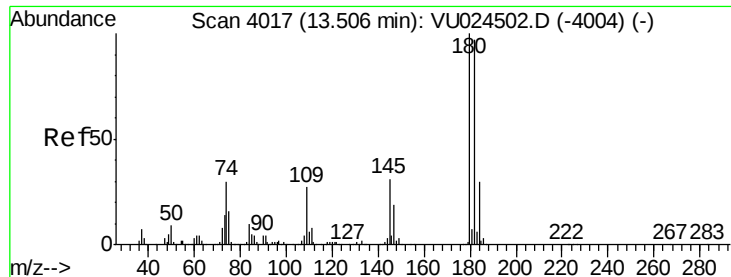
Delta R.T. 0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion:	75	Resp:	53373
Ion Ratio	Lower	Upper	
75	100		
155	87.2	40.4	121.2
157	115.1	52.3	156.8





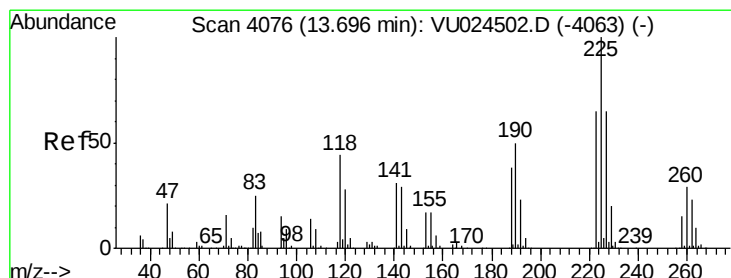
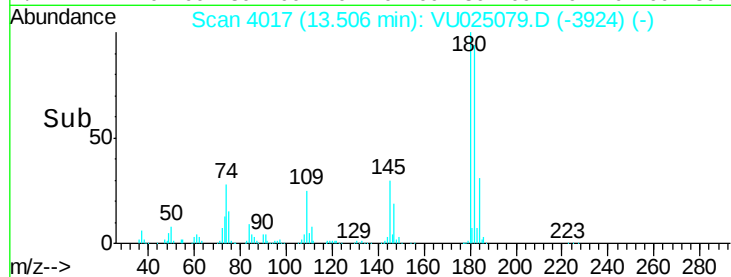
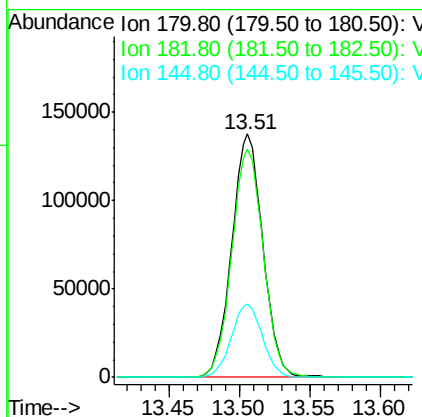
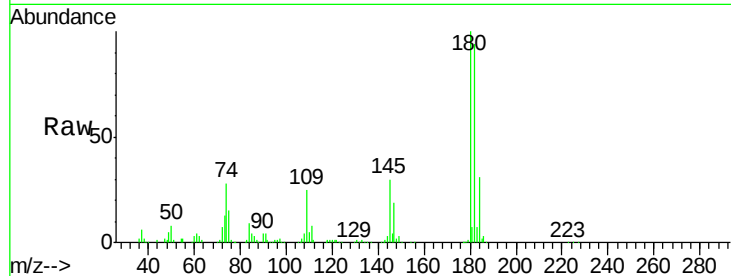
#93
 1,2,4-Trichlorobenzene
 Concen: 61.11 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	212899
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.0	144.2
145	30.2	14.7	44.1

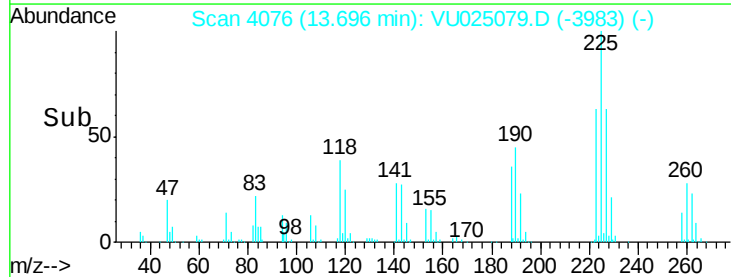
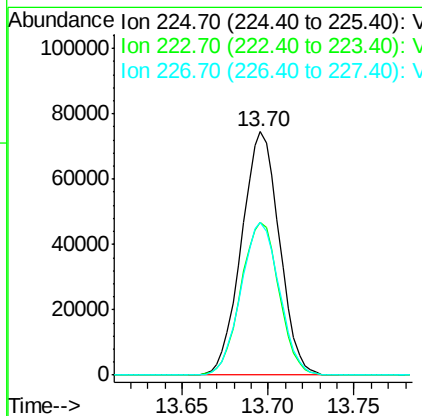
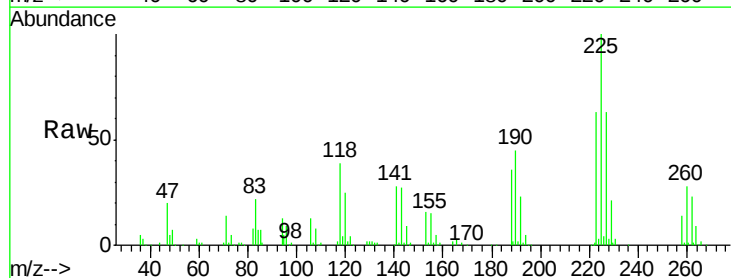
Manual Integrations
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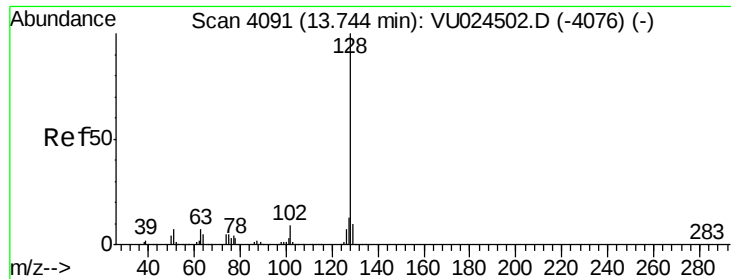
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#94
 Hexachlorobutadiene
 Concen: 58.09 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion:	225	Resp:	113904
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.3	93.8
227	63.6	31.8	95.4





#95

Naphthalene

Concen: 55.33 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

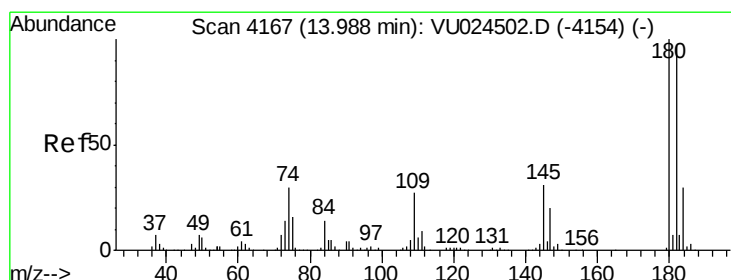
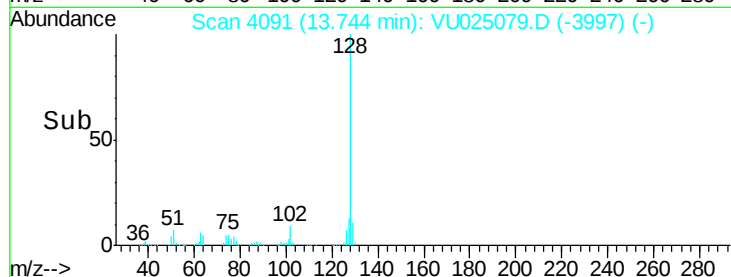
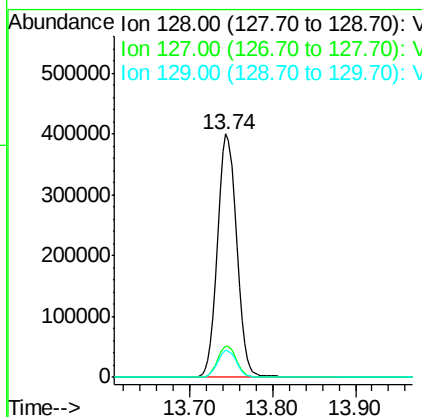
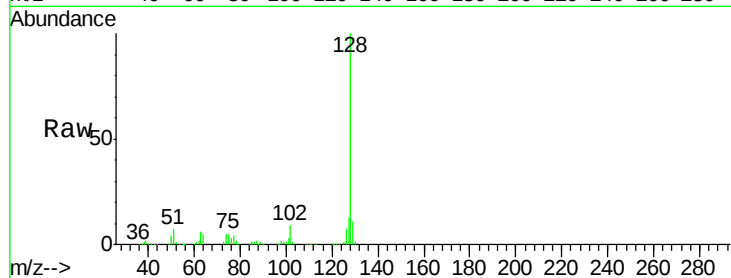
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	638949
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 62.10 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion:	180	Resp:	215571
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.7
145	32.5	15.4	46.1

