

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024680.D
 Acq On : 18 Jun 2018 10:13
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 6/19/2018 1:54:57 PM

Quant Time: Jun 18 17:43:01 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	175286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	265352	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	251298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126952	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
35) Dibromofluoromethane	4.89	113	111414	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	7.57	98	410734	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	10.31	95	155564	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	94498	43.07	ug/l	100
3) Chloromethane	1.33	50	103089	45.99	ug/l	100
4) Vinyl Chloride	1.40	62	109445	47.34	ug/l	95
5) Bromomethane	1.62	94	52047	46.57	ug/l	95
6) Chloroethane	1.70	64	72495	56.25	ug/l	100
7) Trichlorofluoromethane	1.89	101	177214	50.23	ug/l	97
8) Diethyl Ether	2.10	74	66464	55.57	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	102634	46.89	ug/l	97
10) Methyl Iodide	2.41	142	67396	37.83	ug/l	97
11) Tert butyl alcohol	2.82	59	134662	193.49	ug/l	98
12) 1,1-Dichloroethene	2.28	96	91926	46.06	ug/l	95
13) Acrolein	2.19	56	110777	303.11	ug/l	98
14) Allyl chloride	2.59	41	163067	44.00	ug/l	92
15) Acrylonitrile	2.94	53	326948	241.45	ug/l	99
16) Acetone	2.32	43	434996	282.92	ug/l	97
17) Carbon Disulfide	2.48	76	277485	43.42	ug/l	100
18) Methyl Acetate	2.62	43	161237	48.92	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	357244	47.62	ug/l	98
20) Methylene Chloride	2.70	84	109569	45.42	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	104326	47.46	ug/l	93
22) Diisopropyl ether	3.57	45	363319	49.46	ug/l	96
23) Vinyl Acetate	3.53	43	1578493	239.87	ug/l	98
24) 1,1-Dichloroethane	3.45	63	201344	47.64	ug/l	100
25) 2-Butanone	4.26	43	551406	266.99	ug/l	96
26) 2,2-Dichloropropane	4.23	77	183207	45.65	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	123023	48.68	ug/l	96
28) Bromochloromethane	4.55	49	89318	47.98	ug/l	85
29) Tetrahydrofuran	4.63	42	295546	231.09	ug/l	97
30) Chloroform	4.68	83	206891	48.37	ug/l	97
31) Cyclohexane	5.00	56	187201	49.88	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	183472	46.38	ug/l	96
36) 1,1-Dichloropropene	5.14	75	148828	47.73	ug/l	97
37) Ethyl Acetate	4.38	43	174515	51.35	ug/l #	97
38) Carbon Tetrachloride	5.14	117	167580	48.87	ug/l	99

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 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)
39) Methylcyclohexane	6.42	83	192298	49.42	ug/l	94
40) Benzene	5.39	78	448837	50.52	ug/l	99
41) Methacrylonitrile	4.54	41	94390	51.51	ug/l	97
42) 1,2-Dichloroethane	5.41	62	162601	48.05	ug/l	97
43) Isopropyl Acetate	5.55	43	289533	49.29	ug/l	98
44) Trichloroethene	6.19	130	126824	50.16	ug/l	95
45) 1,2-Dichloropropane	6.44	63	122847	51.82	ug/l	98
46) Dibromomethane	6.56	93	85920	51.60	ug/l	95
47) Bromodichloromethane	6.76	83	165267	49.84	ug/l	99
48) Methyl methacrylate	6.62	41	138587	48.45	ug/l	98
49) 1,4-Dioxane	6.61	88	53910	963.70	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	931072	252.28	ug/l	98
52) Toluene	7.64	92	290505	50.82	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	189701	50.94	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	199022	50.16	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	119873	51.59	ug/l	99
56) Ethyl methacrylate	8.02	69	195824	50.35	ug/l	99
57) 1,3-Dichloropropane	8.25	76	203136	51.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	381003	255.72	ug/l	96
59) 2-Hexanone	8.36	43	792002	262.86	ug/l	99
60) Dibromochloromethane	8.48	129	146299	50.49	ug/l	98
61) 1,2-Dibromoethane	8.59	107	132450	51.21	ug/l	99
64) Tetrachloroethene	8.23	164	124019	51.92	ug/l	98
65) Chlorobenzene	9.12	112	333943	52.02	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	127796	52.40	ug/l	98
67) Ethyl Benzene	9.25	91	567711	50.44	ug/l	97
68) m/p-Xylenes	9.38	106	446629	103.35	ug/l	96
69) o-Xylene	9.78	106	221650	51.82	ug/l	94
70) Styrene	9.80	104	362006	51.51	ug/l	99
71) Bromoform	9.96	173	120444	51.95	ug/l #	99
73) Isopropylbenzene	10.17	105	593839	50.97	ug/l	99
74) N-amyl acetate	10.01	43	275463	49.71	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	198560	50.86	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	169938m	50.87	ug/l	
77) Bromobenzene	10.45	156	149261	50.61	ug/l	94
78) n-propylbenzene	10.59	91	689374	50.23	ug/l	98
79) 2-Chlorotoluene	10.66	91	408299	50.45	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	514218	50.92	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	79628m	55.16	ug/l	
82) 4-Chlorotoluene	10.78	91	469982	49.89	ug/l	98
83) tert-Butylbenzene	11.10	119	495233	50.98	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	527391	51.25	ug/l	99
85) sec-Butylbenzene	11.33	105	624984	51.40	ug/l	97
86) p-Isopropyltoluene	11.48	119	557512	51.20	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	273711	50.23	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	278475	50.77	ug/l	100
89) n-Butylbenzene	11.89	91	487337	50.41	ug/l	98
90) Hexachloroethane	12.15	117	102889	48.43	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	279267	51.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	49895	46.32	ug/l	88

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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)
93) 1,2,4-Trichlorobenzene	13.51	180	179479	53.25	ug/l	99
94) Hexachlorobutadiene	13.70	225	98209	51.77	ug/l	100
95) Naphthalene	13.74	128	524361	47.04	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	181270	53.97	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 175286

Ion Ratio Lower Upper

168 100

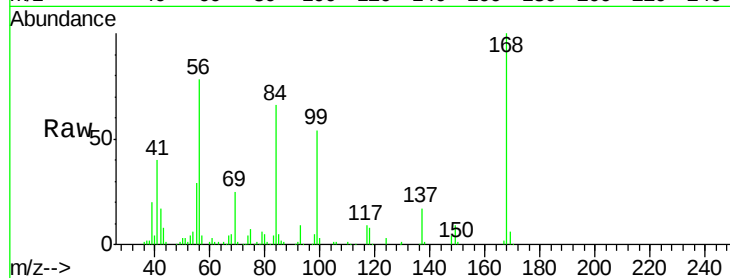
99 53.3 43.2 64.8

Manual Integrations

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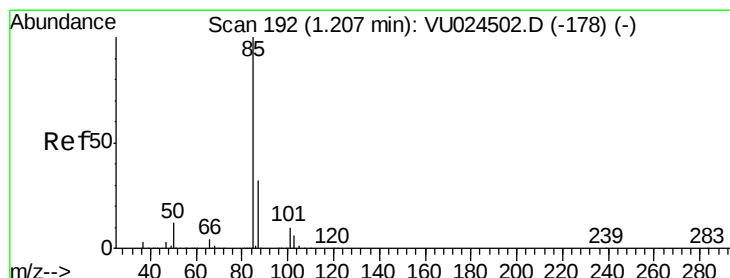
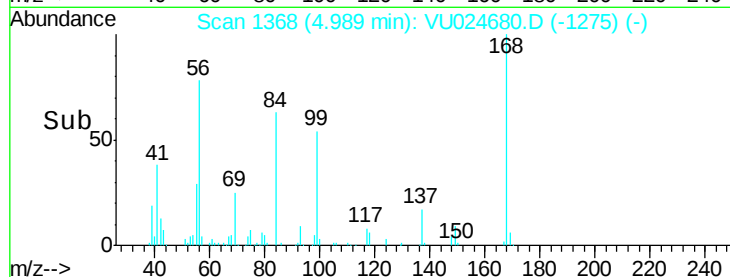
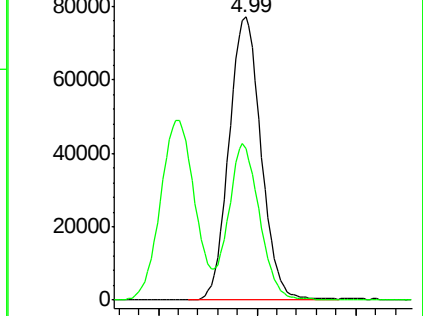
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 43.07 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024680.D

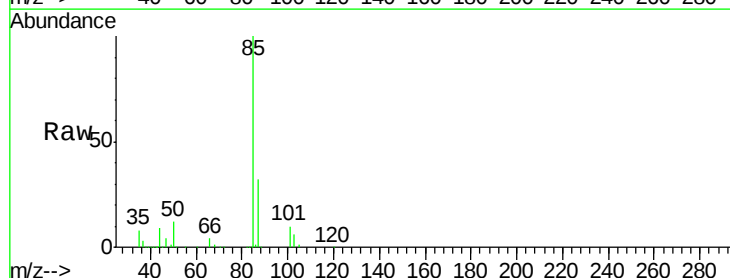
Acq: 18 Jun 2018 10:13

Tgt Ion: 85 Resp: 94498

Ion Ratio Lower Upper

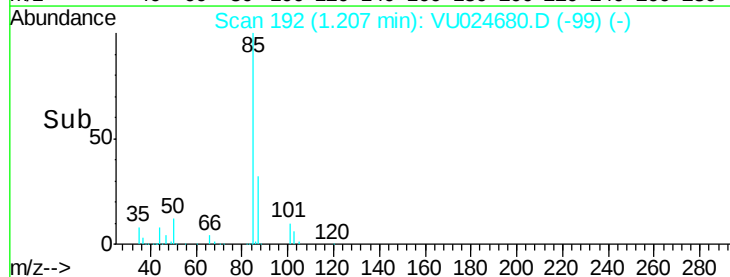
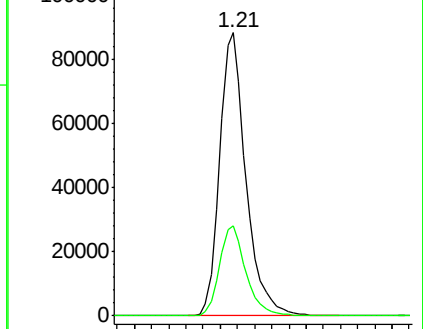
85 100

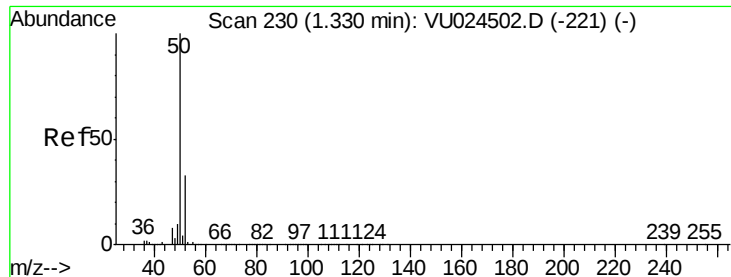
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 45.99 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 103089

Ion Ratio Lower Upper

50 100

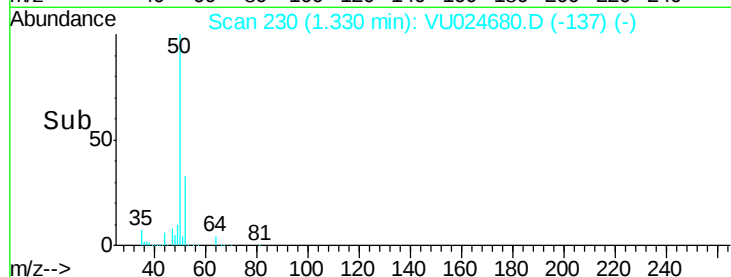
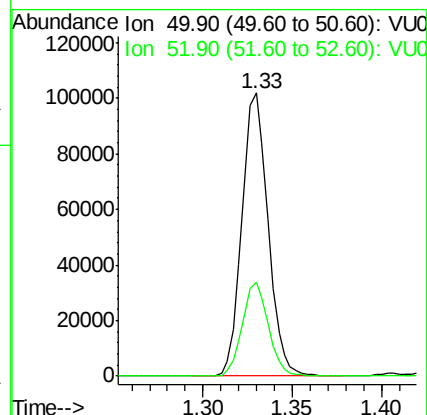
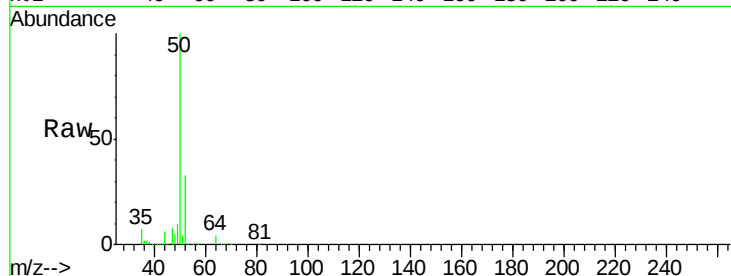
52 33.2 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.34 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024680.D

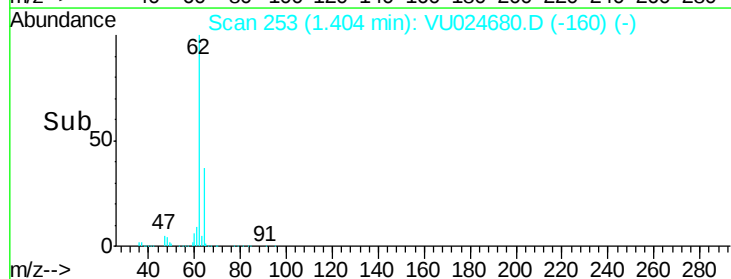
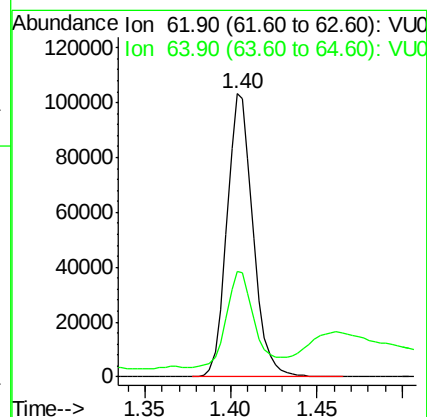
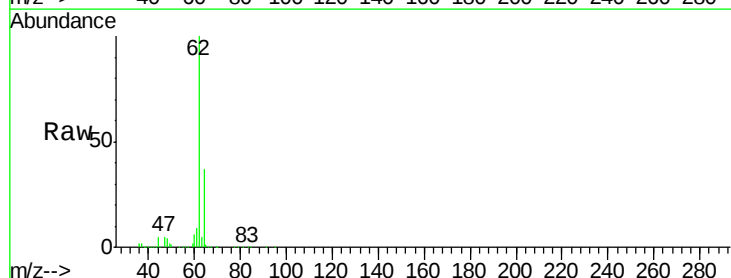
Acq: 18 Jun 2018 10:13

Tgt Ion: 62 Resp: 109445

Ion Ratio Lower Upper

62 100

64 33.9 24.8 37.2





#5

Bromomethane

Concen: 46.57 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 52047

Ion Ratio Lower Upper

94 100

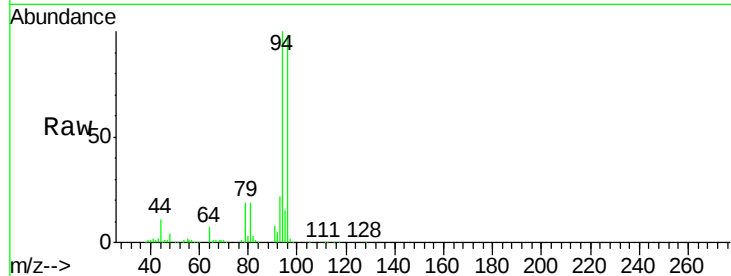
96 98.2 74.5 111.7

Manual Integrations

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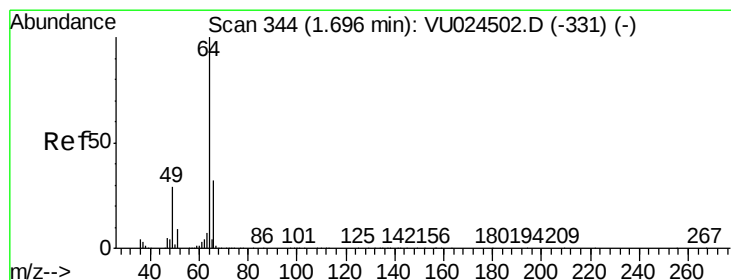
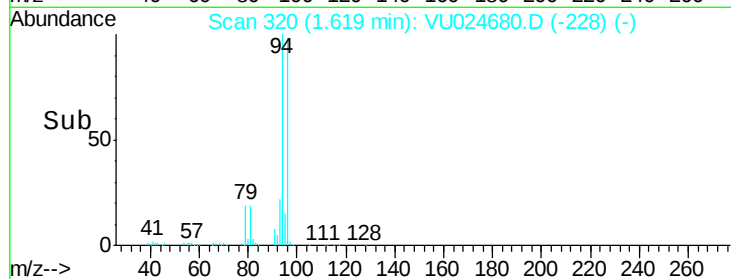
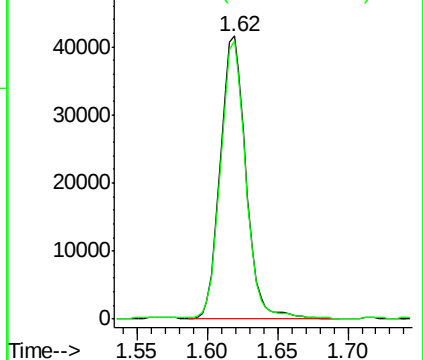
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 56.25 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024680.D

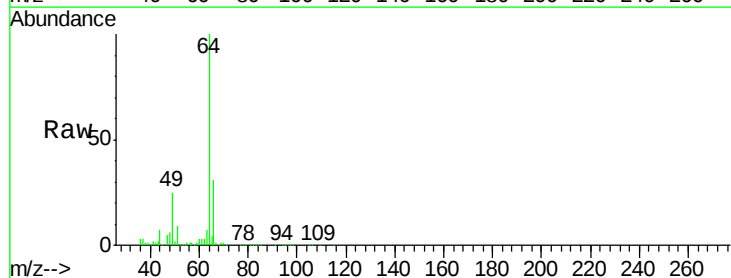
Acq: 18 Jun 2018 10:13

Tgt Ion: 64 Resp: 72495

Ion Ratio Lower Upper

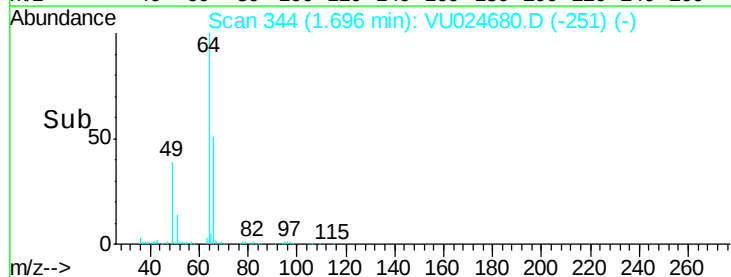
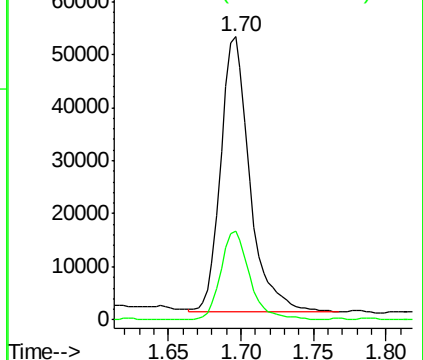
64 100

66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

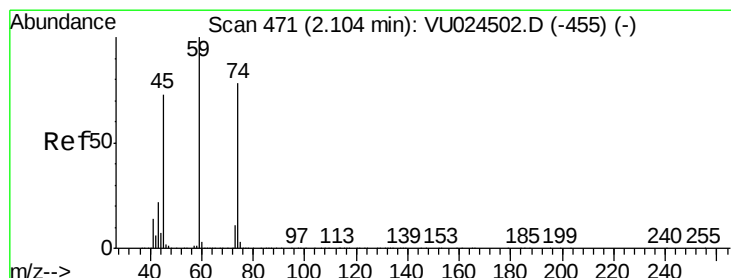
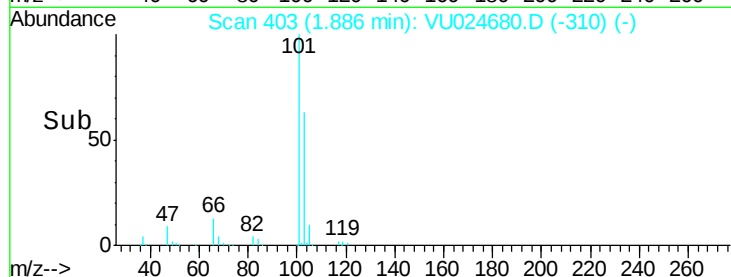
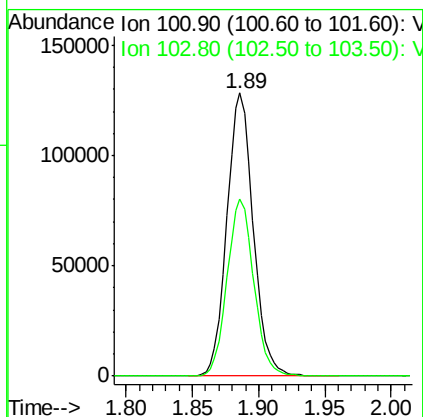
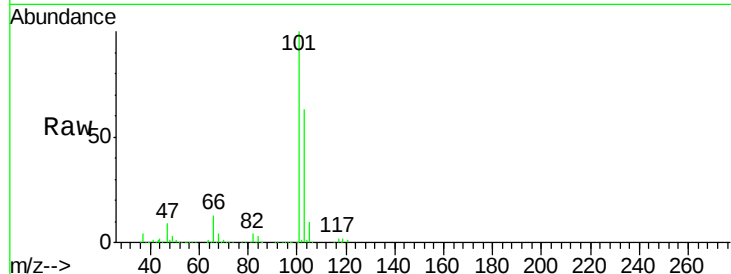
Trichlorofluoromethane
Concen: 50.23 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024680.D
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.3	78.5

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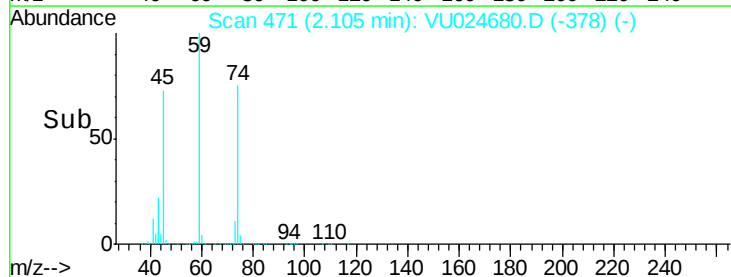
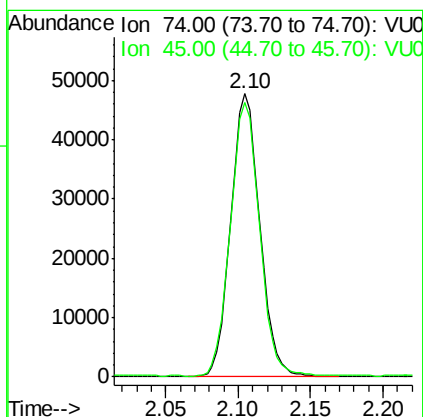
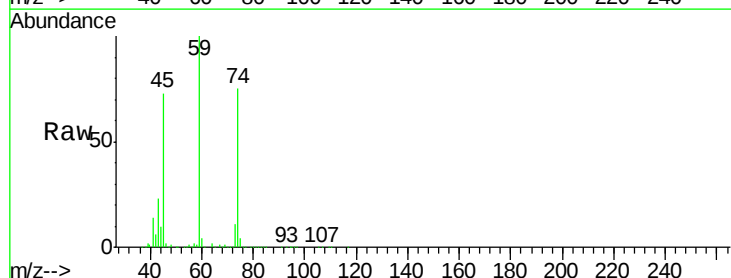
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#8

Diethyl Ether
Concen: 55.57 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.89 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

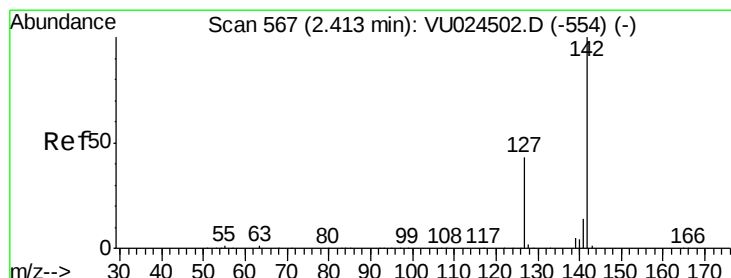
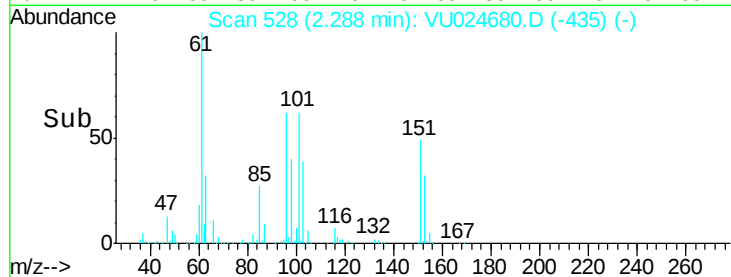
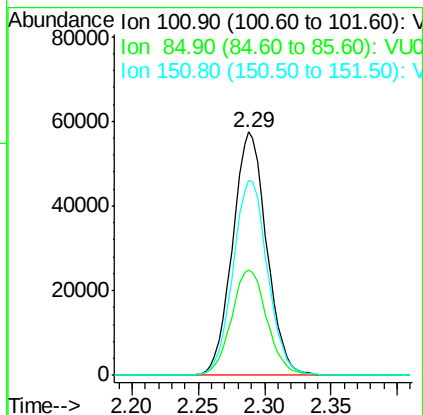
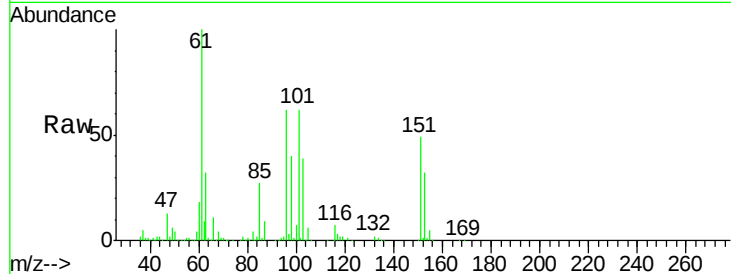
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	102634
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.0	54.0
151	81.4	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 37.83 ug/l

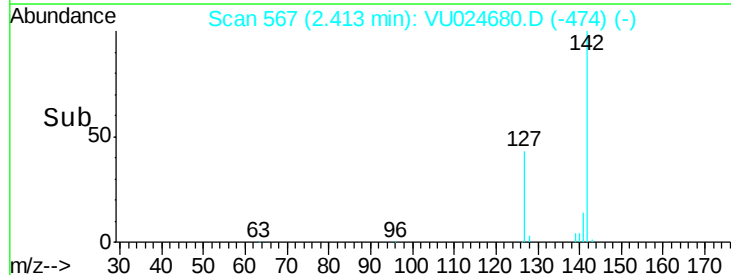
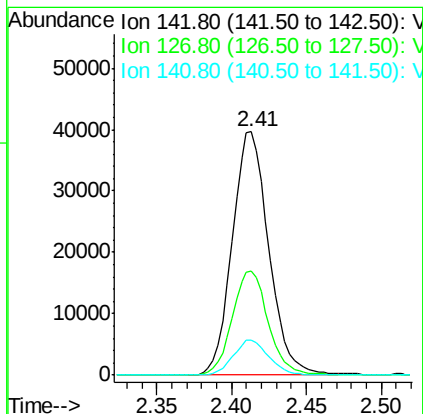
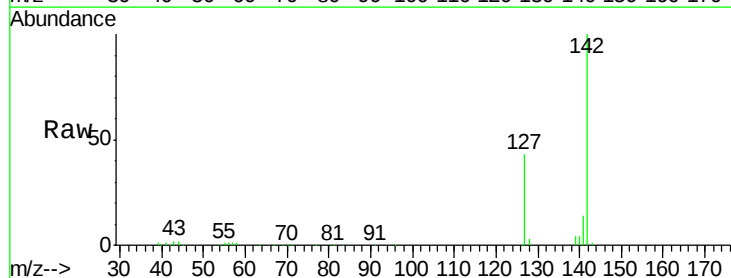
RT: 2.41 min Scan# 567

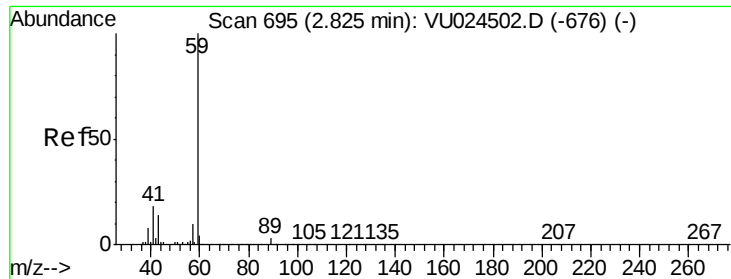
Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Tgt Ion:	142	Resp:	67396
Ion Ratio	Lower	Upper	
142	100		
127	42.1	35.6	53.4
141	14.1	11.7	17.5





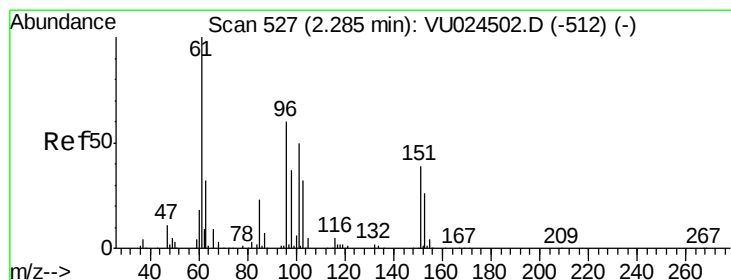
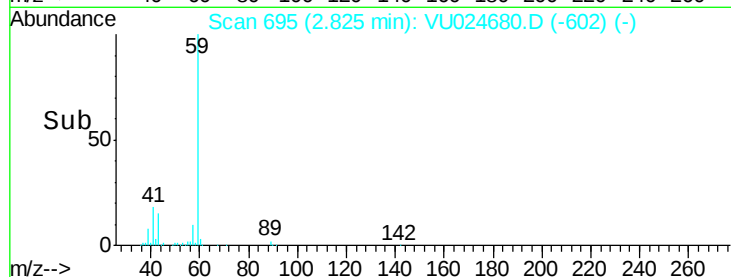
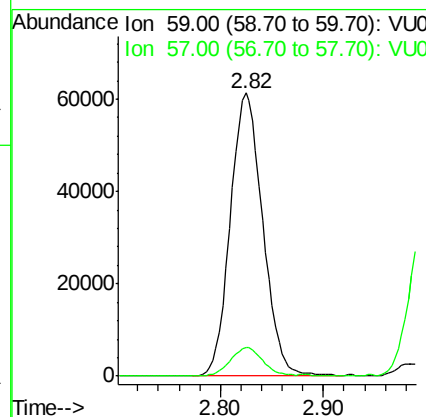
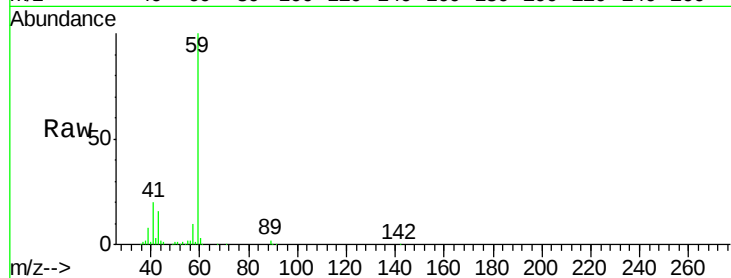
#11
Tert butyl alcohol
Concen: 193.49 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.5	12.7

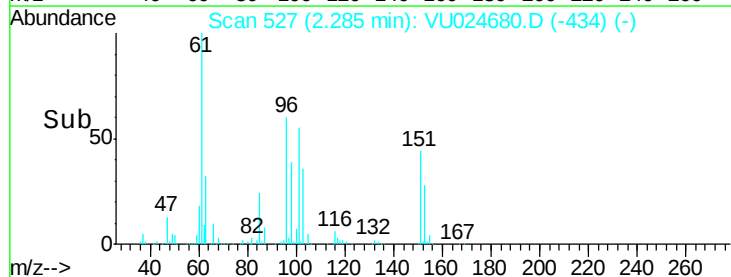
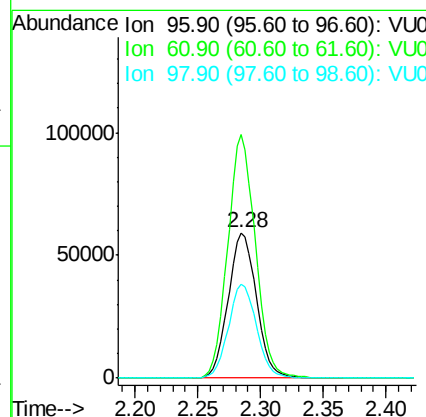
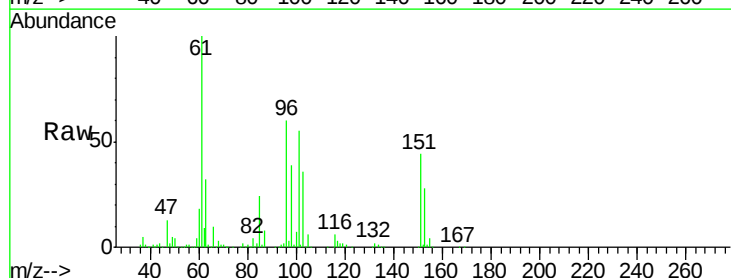
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 46.06 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.8	141.7	212.5
98	64.9	51.6	77.4





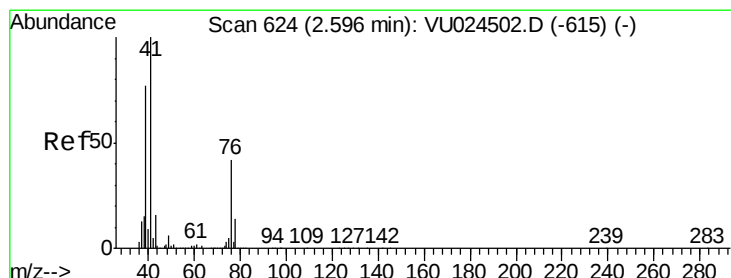
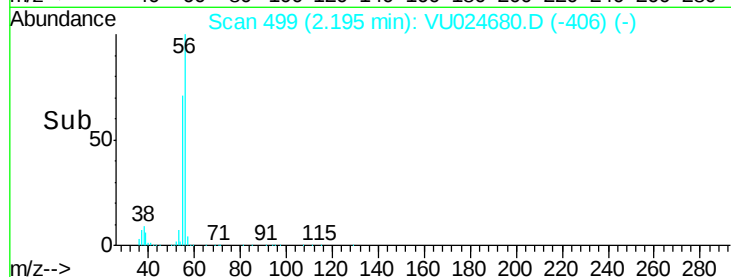
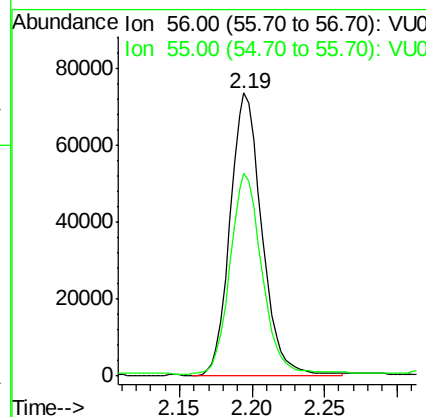
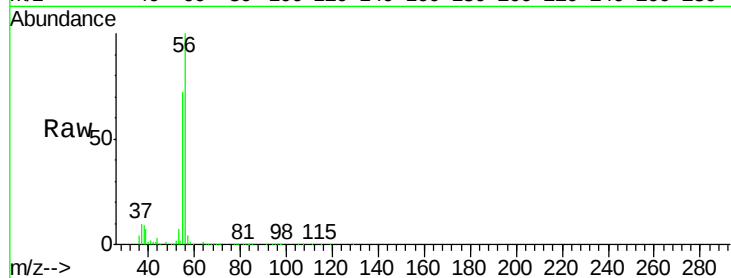
#13
Acrolein
Concen: 303.11 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	58.4	87.6

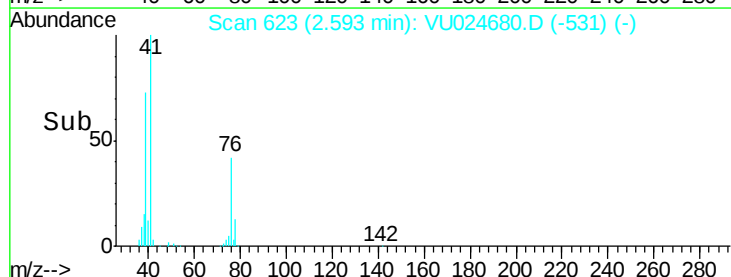
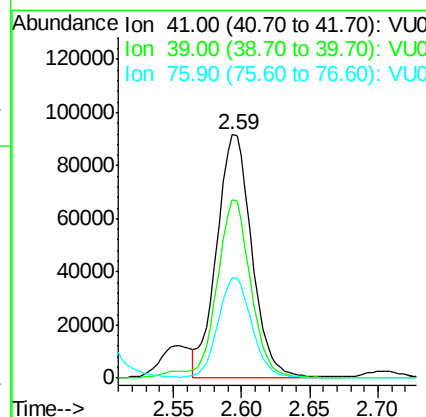
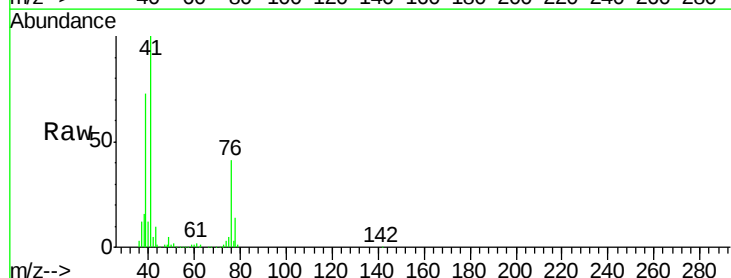
Manual Integrations
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#14
Allyl chloride
Concen: 44.00 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.3	61.6	92.4
76	40.4	29.7	44.5





#15

Acrylonitrile

Concen: 241.45 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

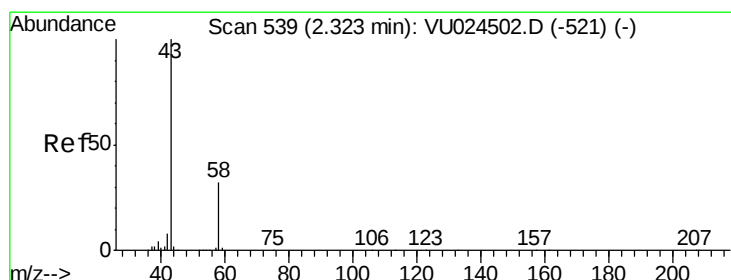
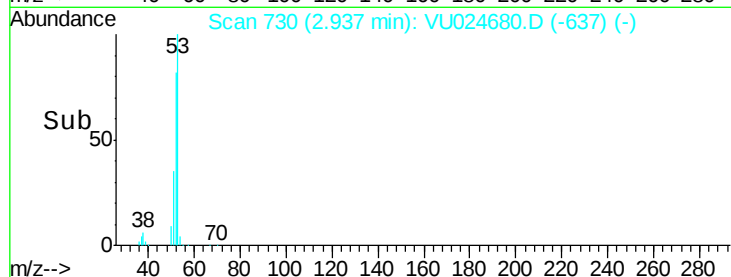
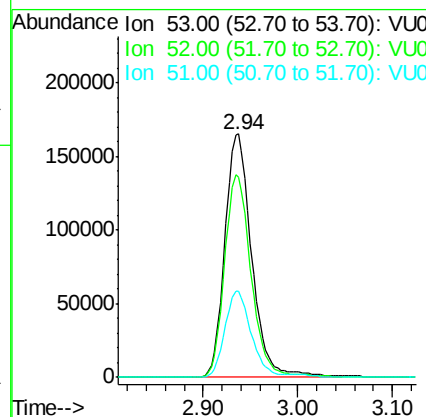
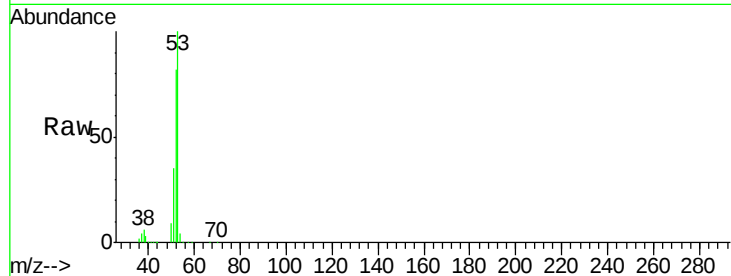
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	326948
Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.1	100.7
51	34.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 282.92 ug/l

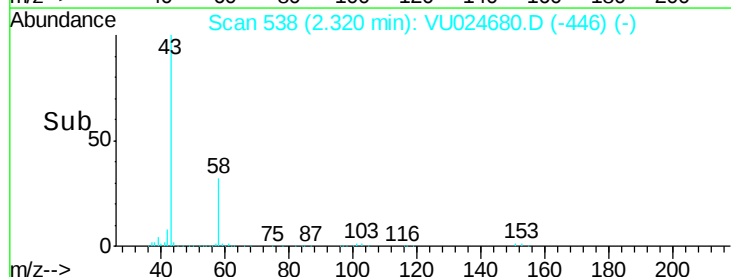
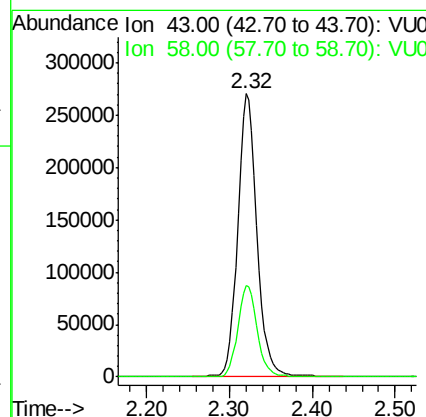
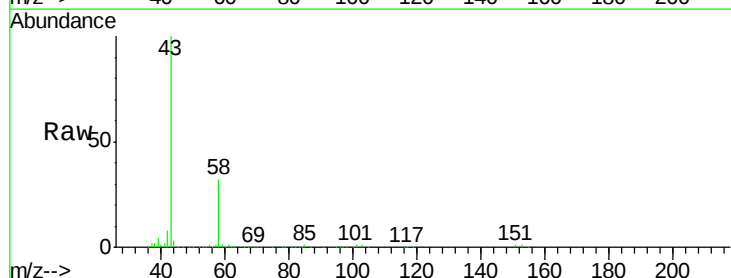
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Tgt Ion:	43	Resp:	434996
Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.4	36.6





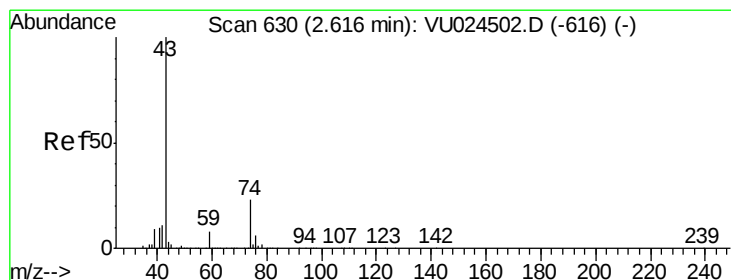
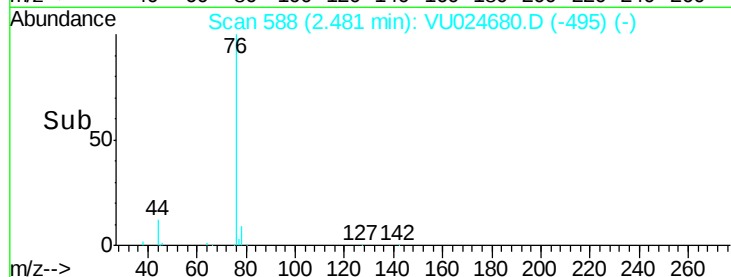
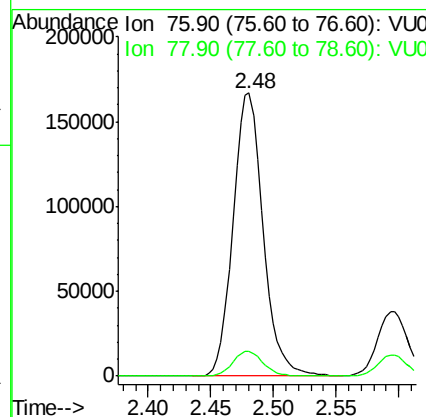
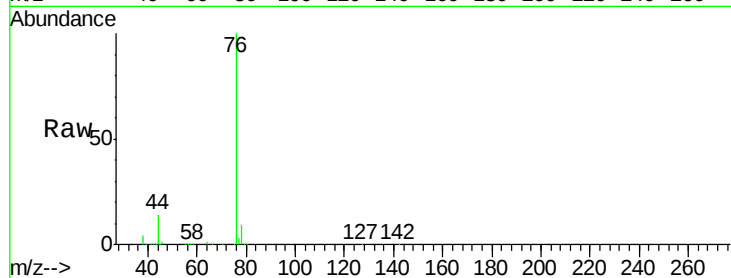
#17
Carbon Disulfide
Concen: 43.42 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	8.8	7.1	10.7	

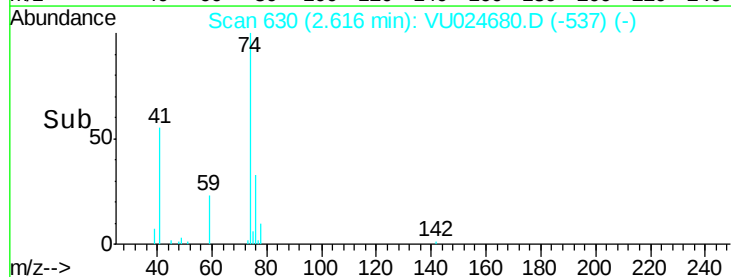
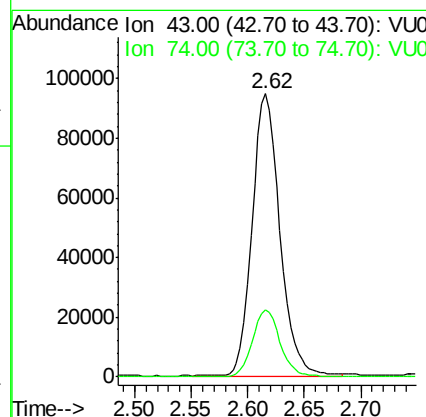
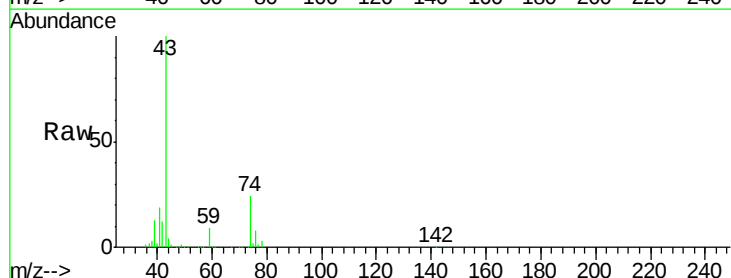
Manual Integrations
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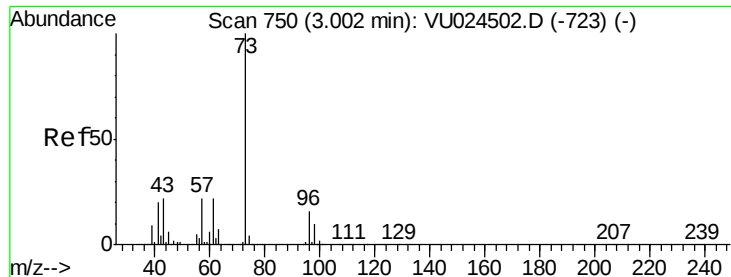
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#18
Methyl Acetate
Concen: 48.92 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
74	23.9	18.0	27.0	





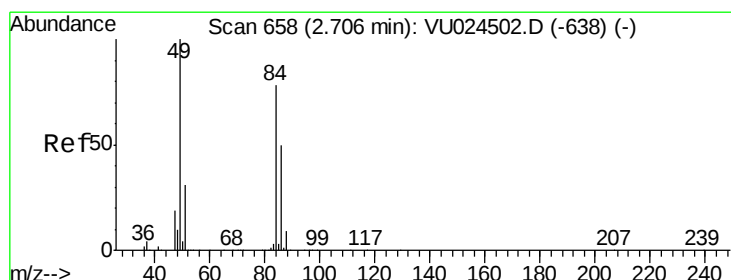
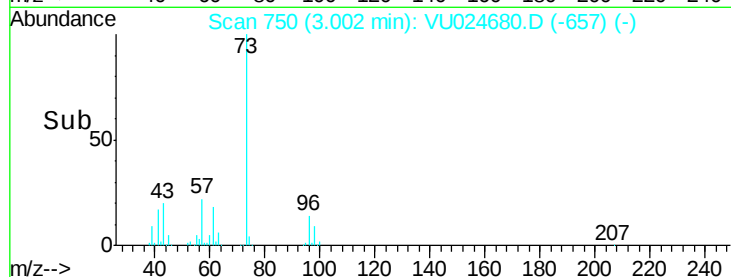
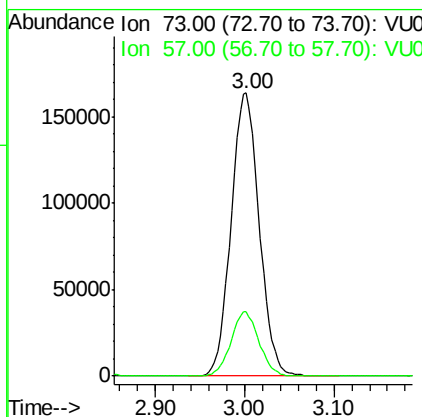
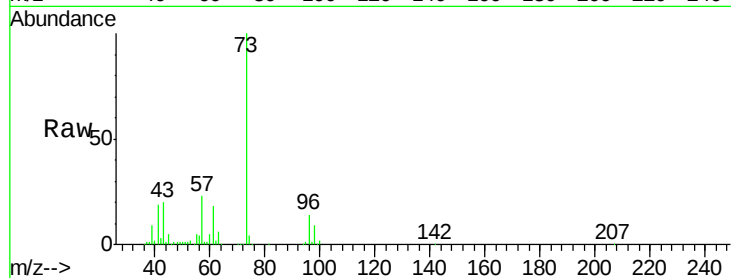
#19
Methyl tert-butyl Ether
Concen: 47.62 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 357244
Ion Ratio Lower Upper
73 100
57 22.5 18.8 28.2

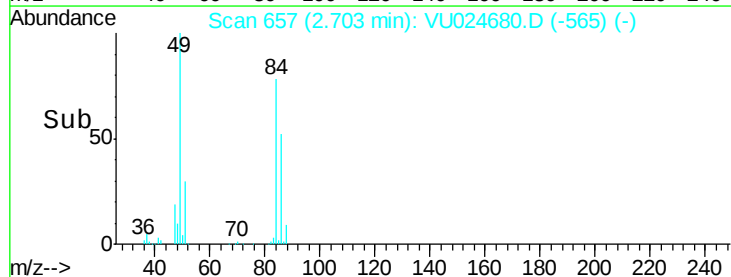
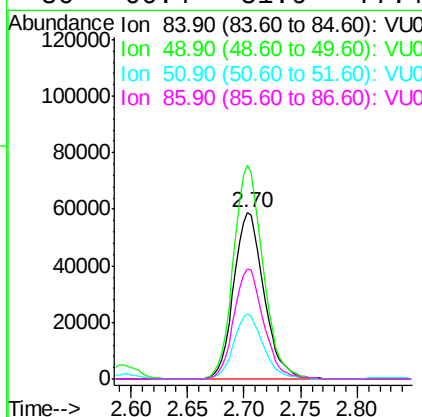
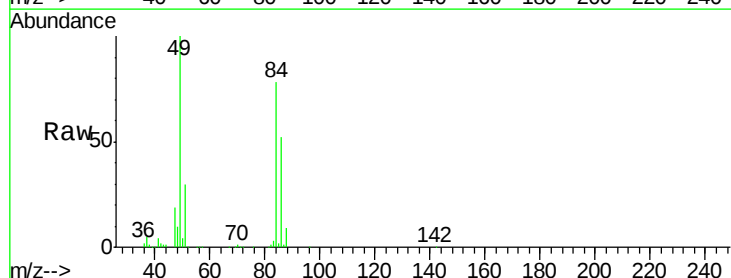
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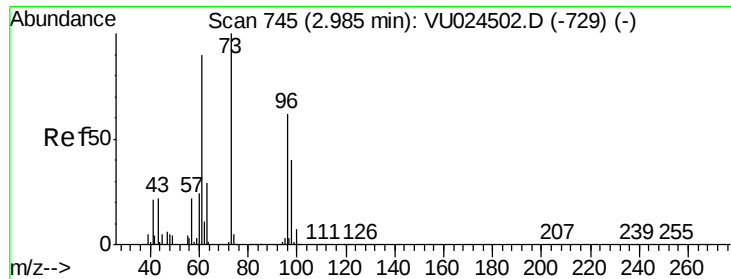
MMDadoda
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#20
Methylene Chloride
Concen: 45.42 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion: 84 Resp: 109569
Ion Ratio Lower Upper
84 100
49 128.7 103.8 155.8
51 39.0 32.0 48.0
86 66.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 47.46 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

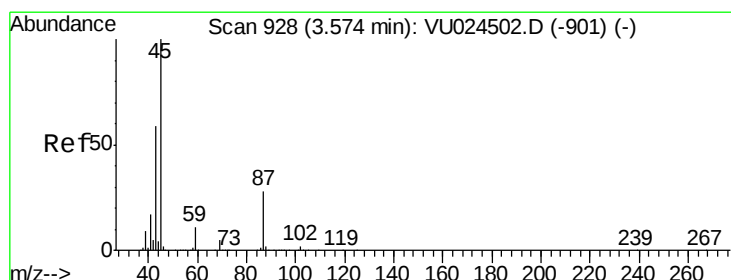
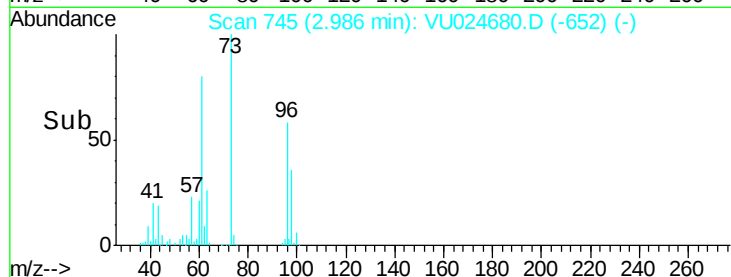
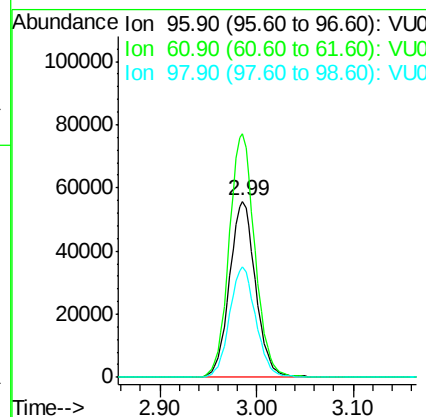
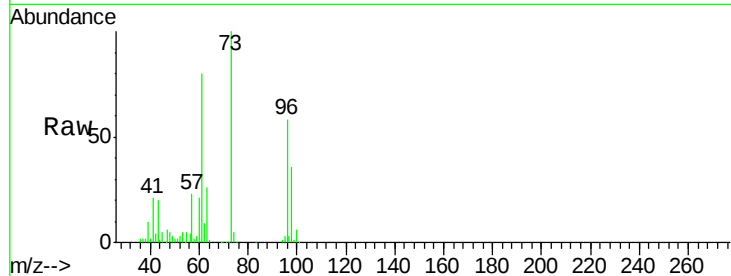
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	104326
Ion Ratio	Lower	Upper	
96	100		
61	138.1	119.4	179.0
98	62.7	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.46 ug/l

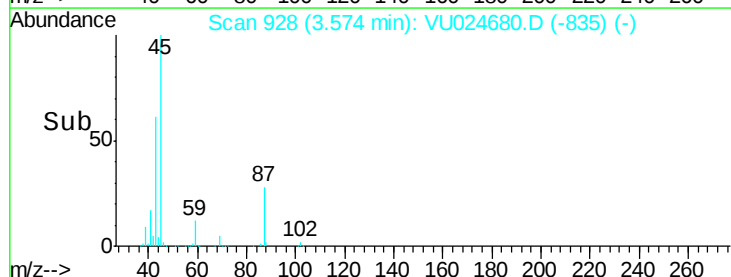
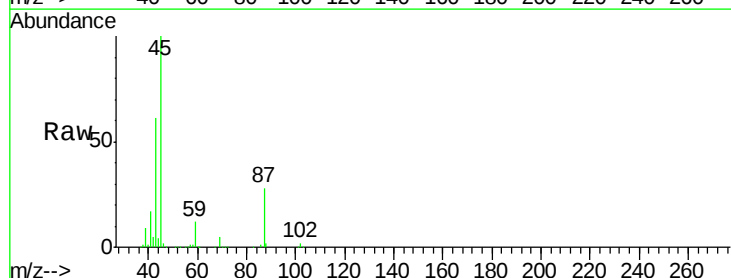
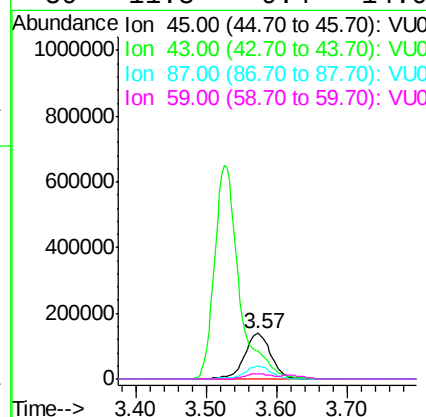
RT: 3.57 min Scan# 928

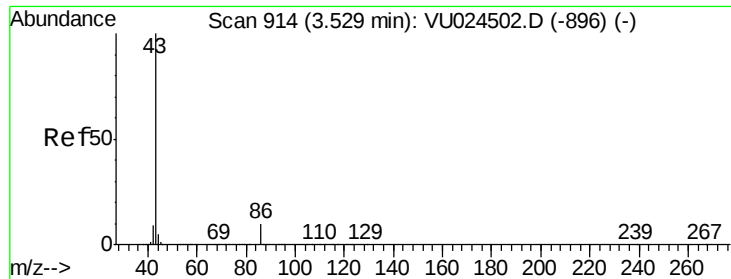
Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Tgt Ion:	45	Resp:	363319
Ion Ratio	Lower	Upper	
45	100		
43	60.2	45.8	68.6
87	28.1	20.6	31.0
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 239.87 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Tot Ion: 43 Resp: 1578493

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8

Instrument :

MSVOA_U

ClientSampleId :

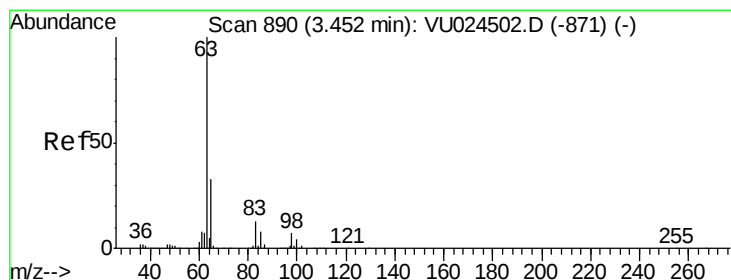
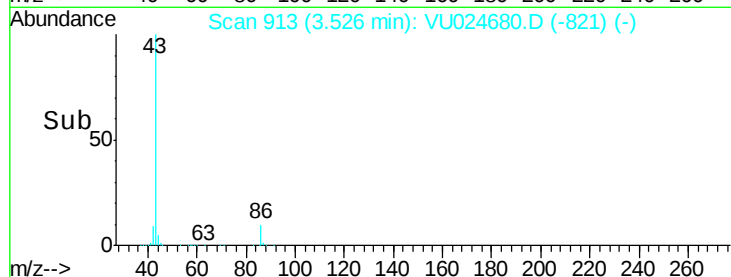
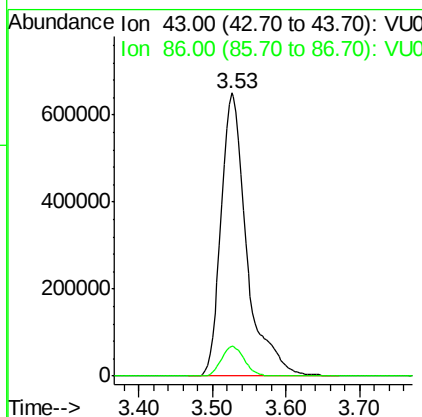
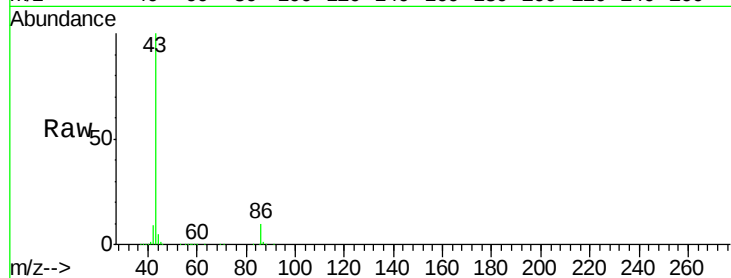
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 47.64 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

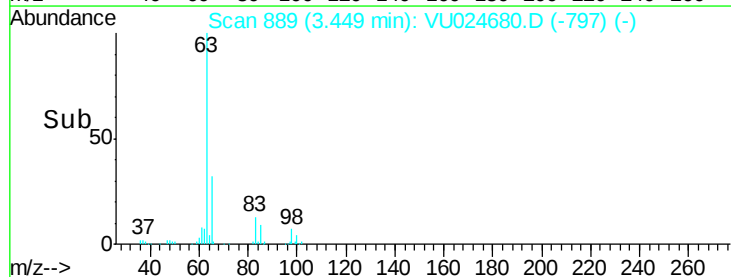
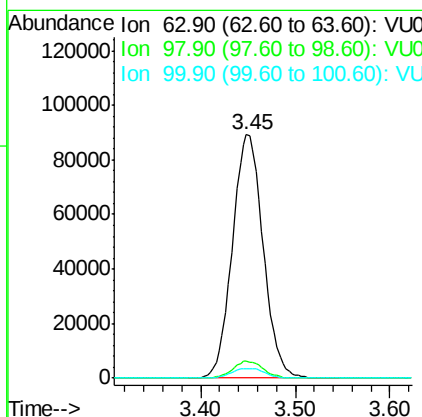
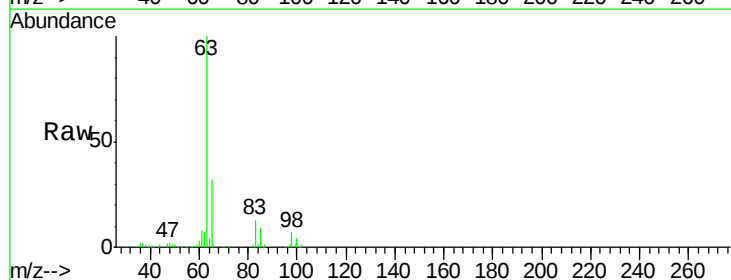
Tgt Ion: 63 Resp: 201344

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 3.9 1.8 5.5





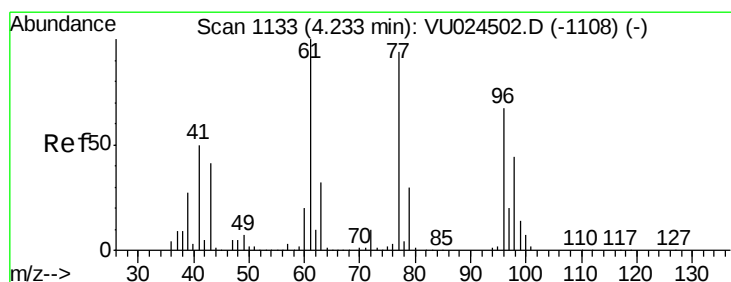
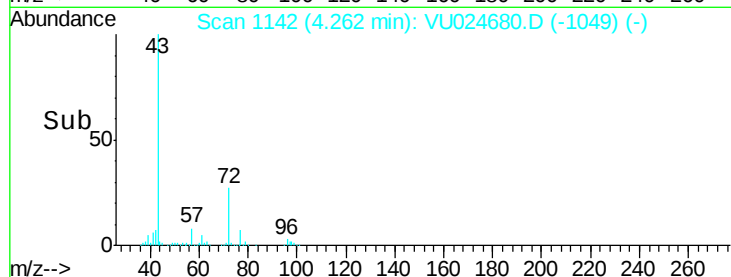
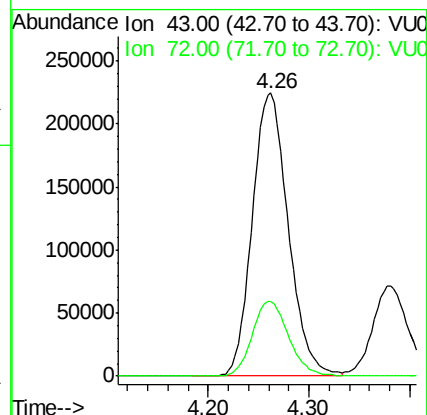
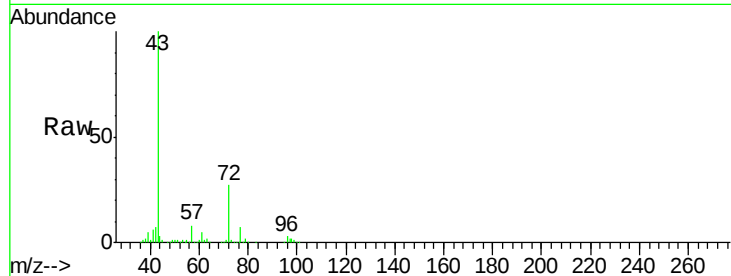
#25
2-Butanone
Concen: 266.99 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.6	19.6	29.4

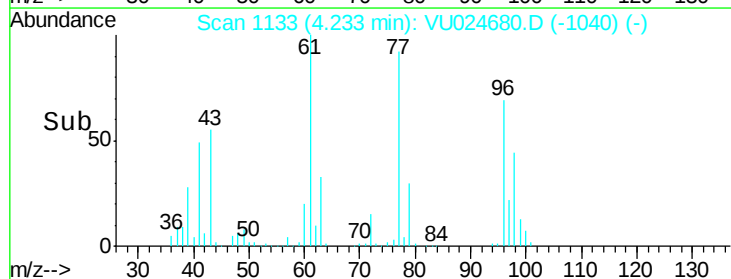
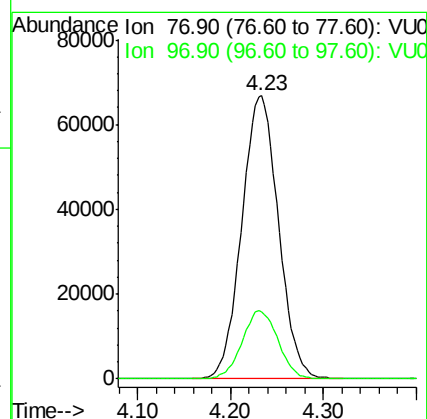
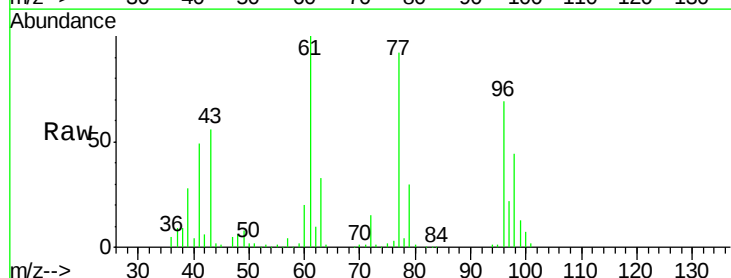
Manual Integrations
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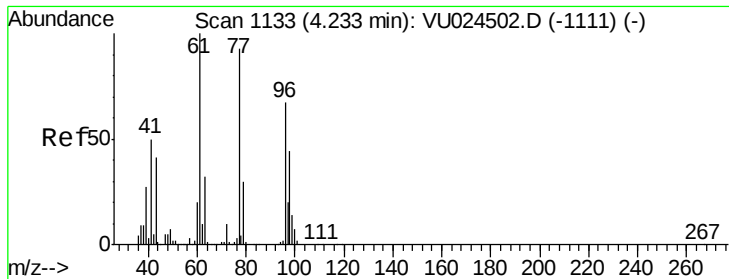
MMDadoda
6/19/2018 1:54:57 PM



#26
2,2-Dichloropropane
Concen: 45.65 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.6	11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 48.68 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

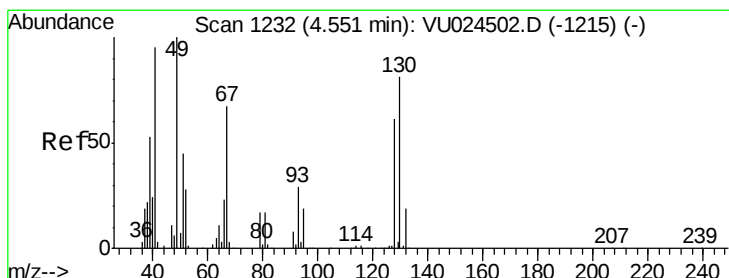
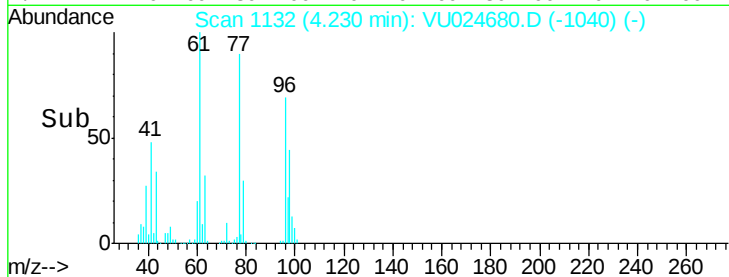
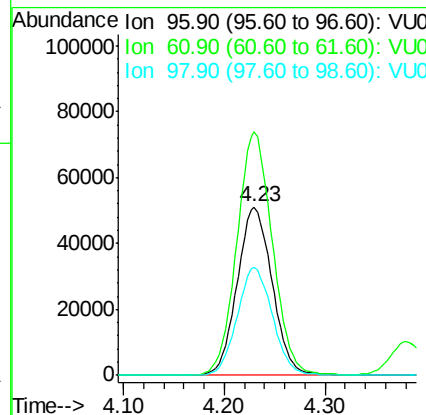
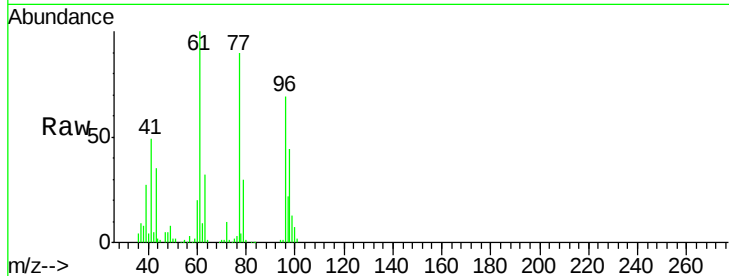
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	123023
Ion Ratio	Lower	Upper	
96	100		
61	146.9	0.0	306.6
98	64.7	0.0	128.8

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#28

Bromochloromethane

Concen: 47.98 ug/l

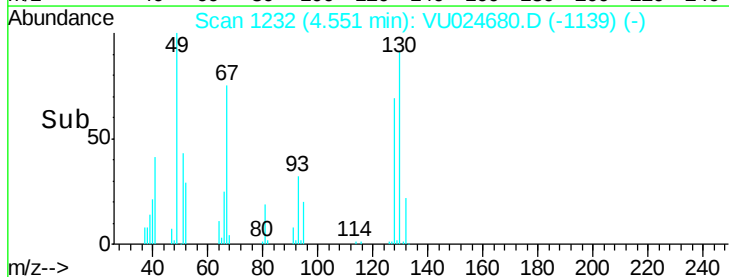
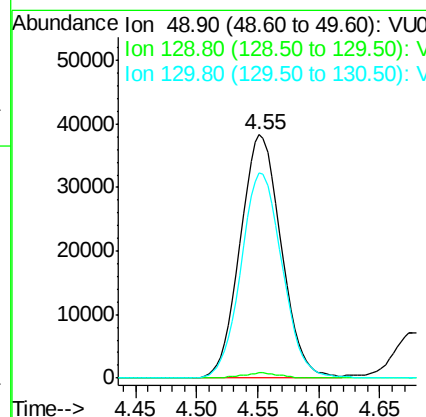
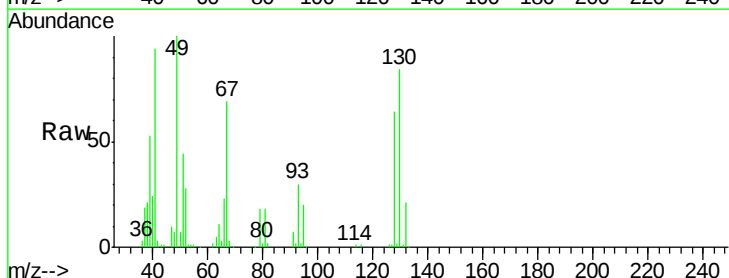
RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Tgt Ion:	49	Resp:	89318
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	3.8
130	84.7	57.8	86.6





#29

Tetrahydrofuran

Concen: 231.09 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

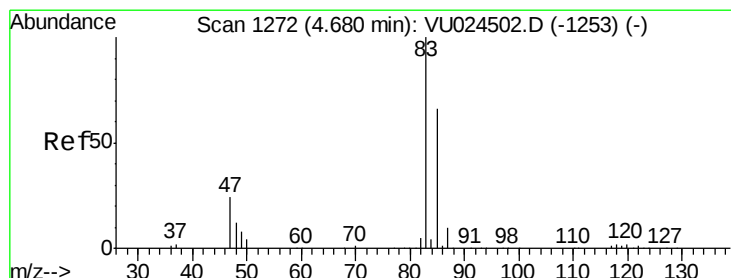
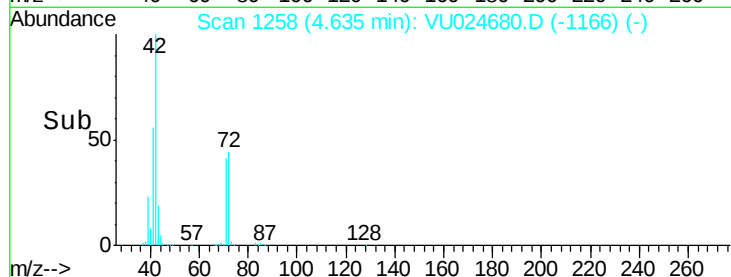
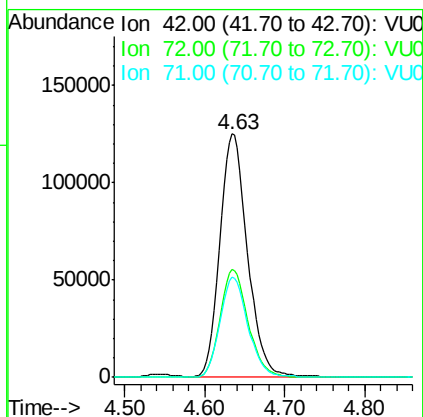
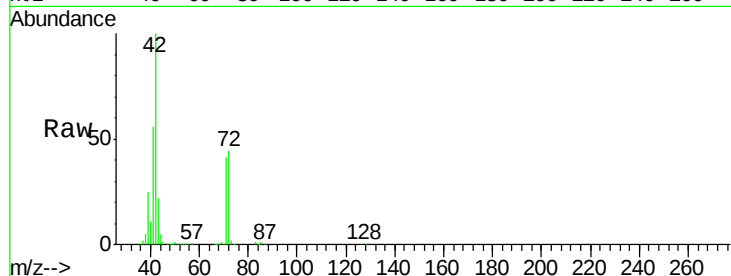
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	295546
Ion Ratio		Lower	Upper
42	100		
72	45.3	34.5	51.7
71	41.9	32.2	48.4

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#30

Chloroform

Concen: 48.37 ug/l

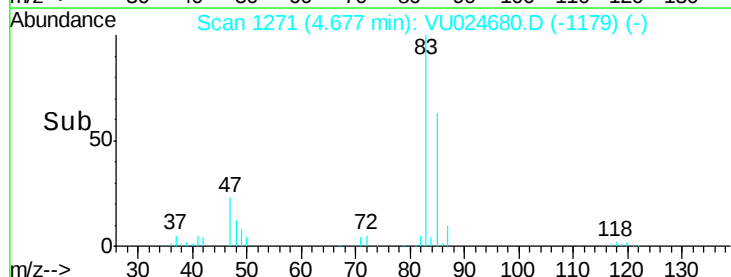
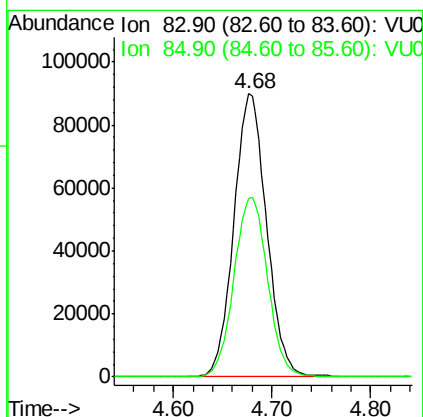
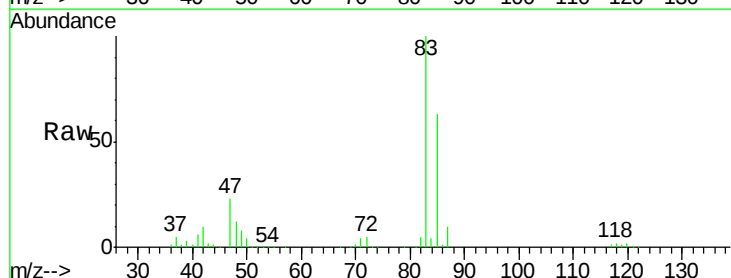
RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Tgt Ion:	83	Resp:	206891
Ion Ratio		Lower	Upper
83	100		
85	62.9	52.4	78.6





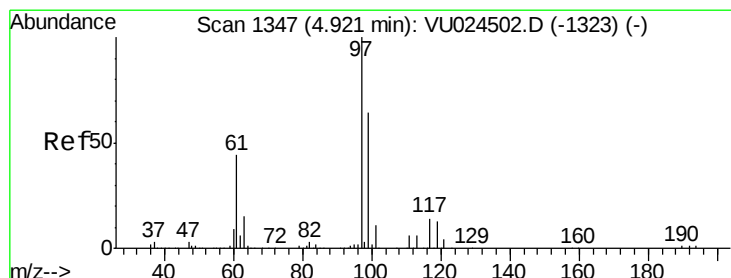
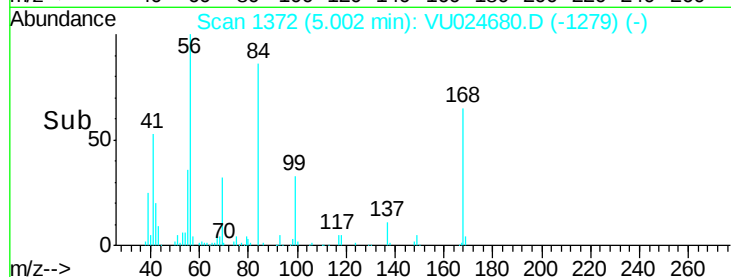
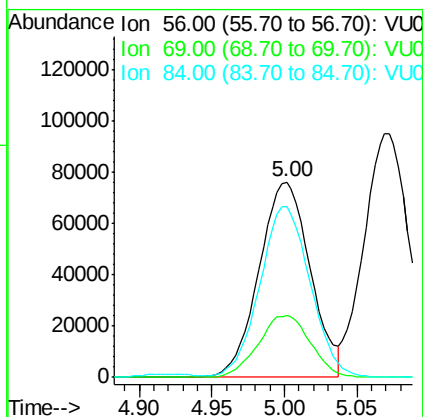
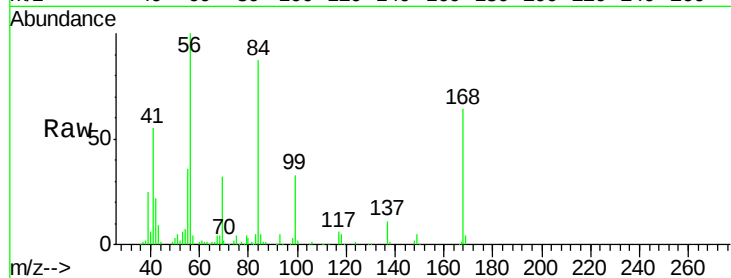
#31
Cyclohexane
Concen: 49.88 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.8	37.2
84	85.9	65.2	97.8

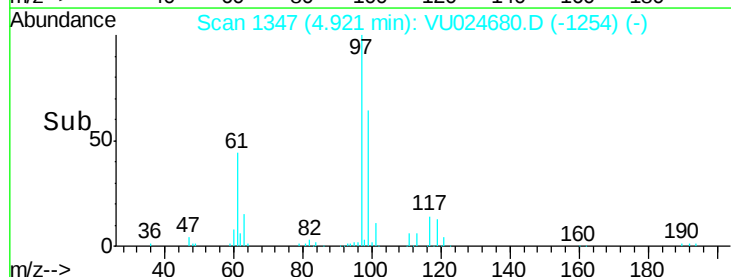
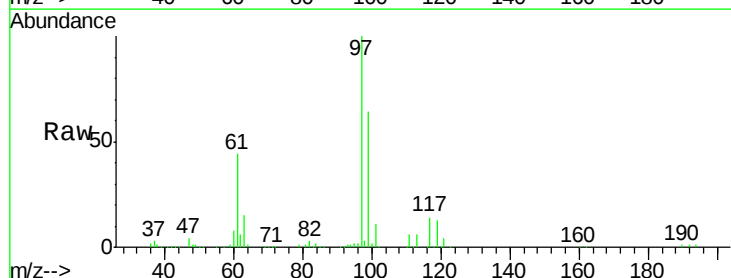
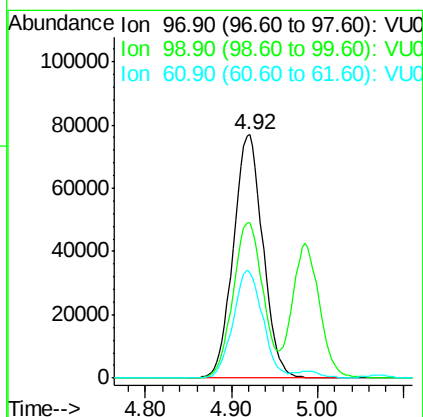
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#32
1,1,1-Trichloroethane
Concen: 46.38 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.6
61	44.2	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 44.36 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 126952

Ion Ratio Lower Upper

65 100

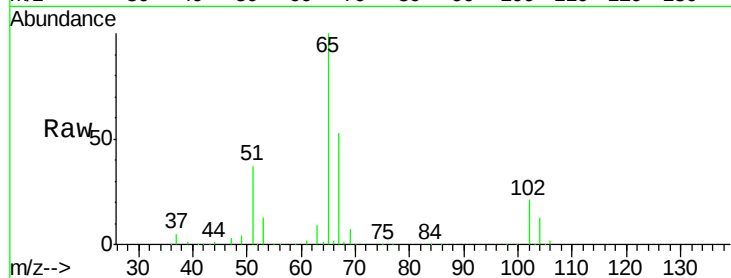
67 53.6 0.0 107.0

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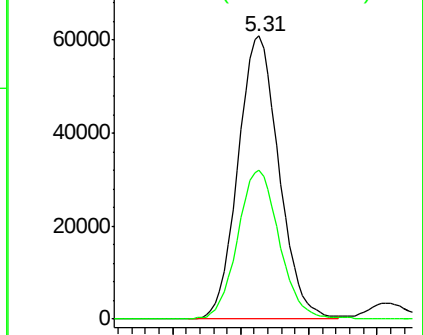
MMDadoda

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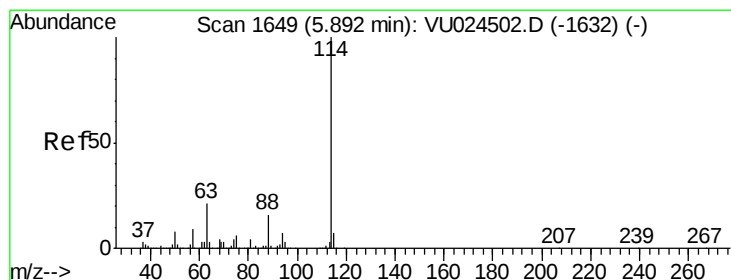
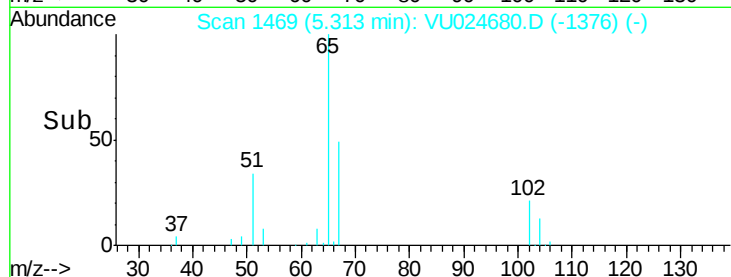


Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

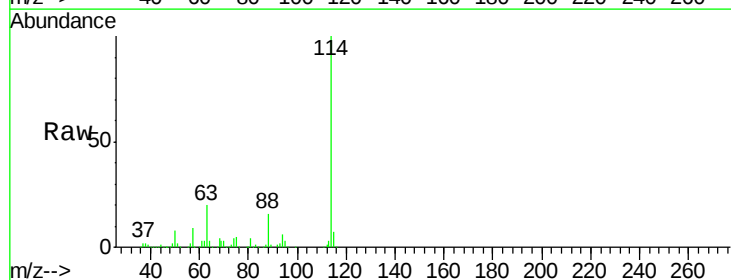
Tgt Ion: 114 Resp: 265352

Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.4

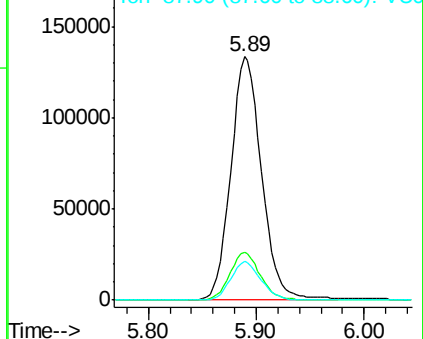
88 15.7 0.0 31.0



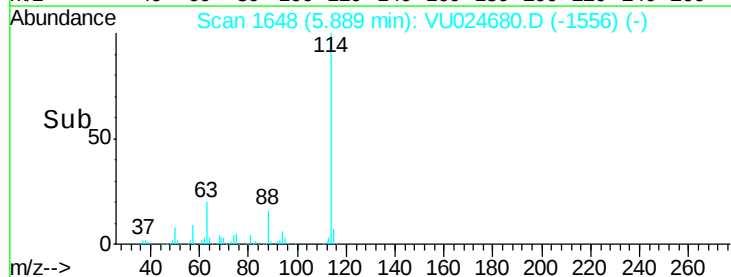
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



Time-->





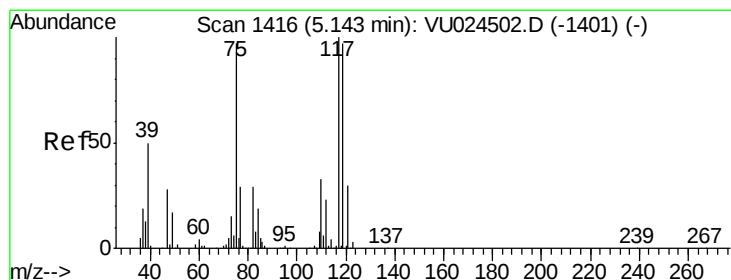
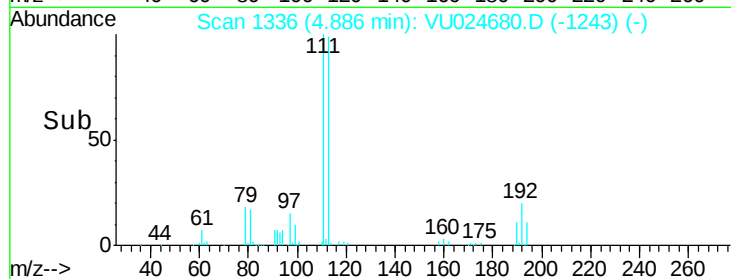
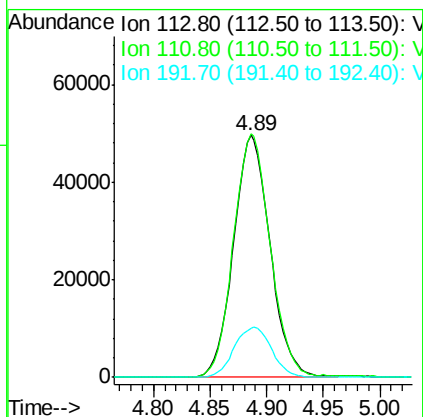
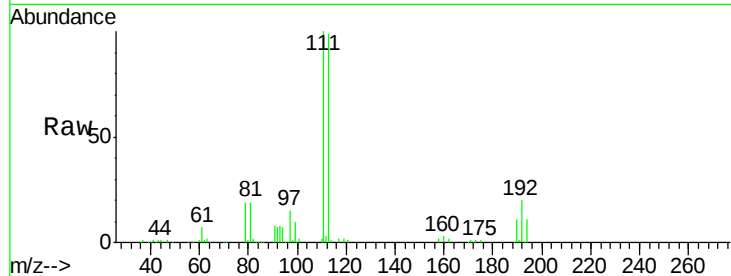
#35
Dibromofluoromethane
Concen: 50.59 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111414		
111	101.4	82.2	123.4	
192	21.2	16.2	24.4	

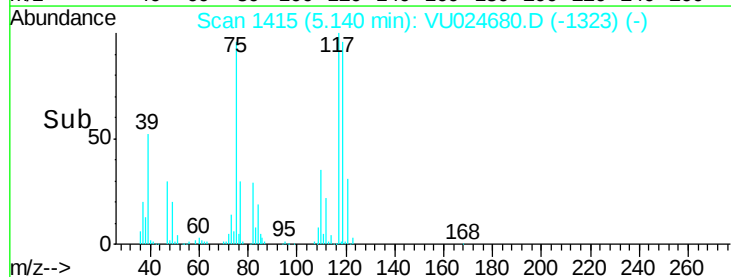
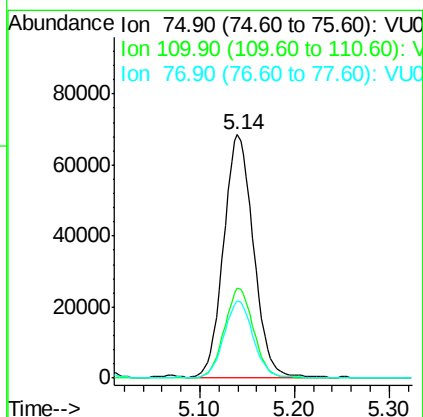
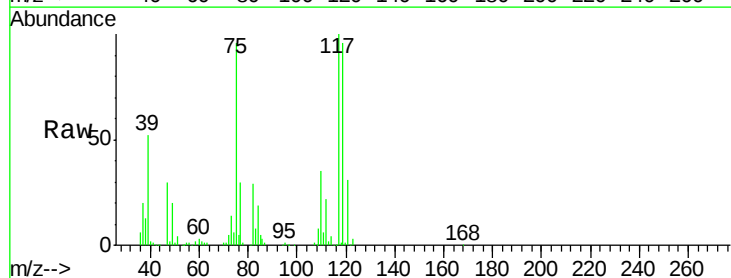
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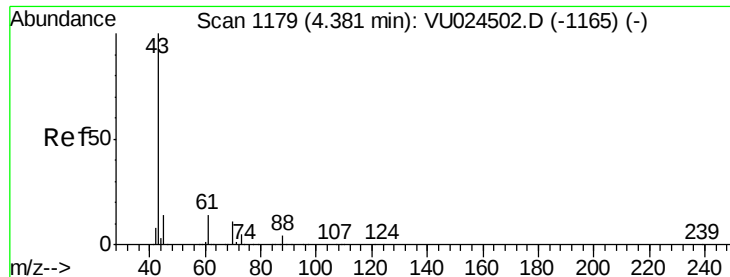
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#36
1,1-Dichloropropene
Concen: 47.73 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	148828		
110	36.5	17.0	50.9	
77	30.7	24.2	36.4	





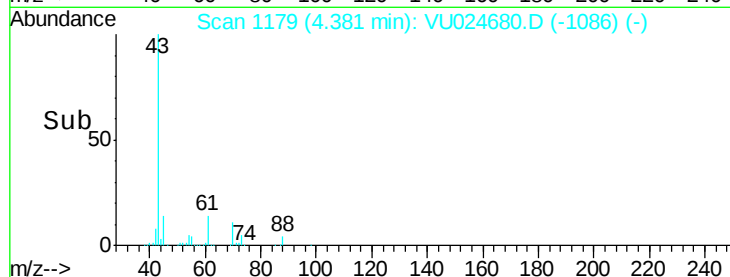
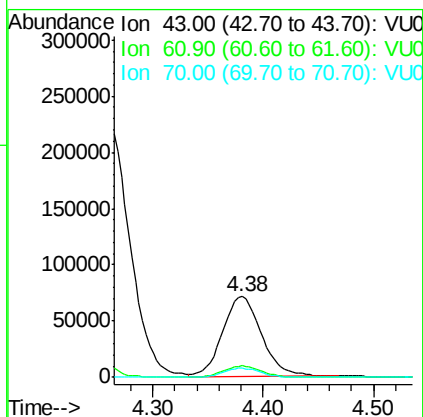
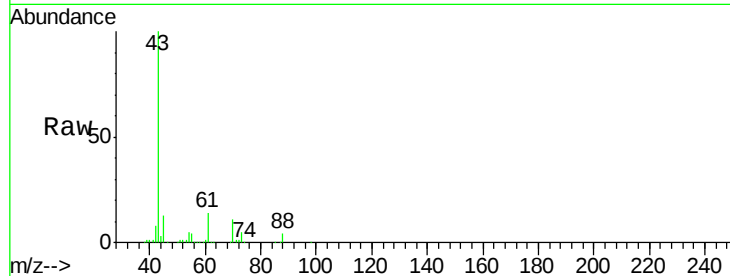
#37
Ethyl Acetate
Concen: 51.35 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.5	15.7
70	11.5	7.4	11.2

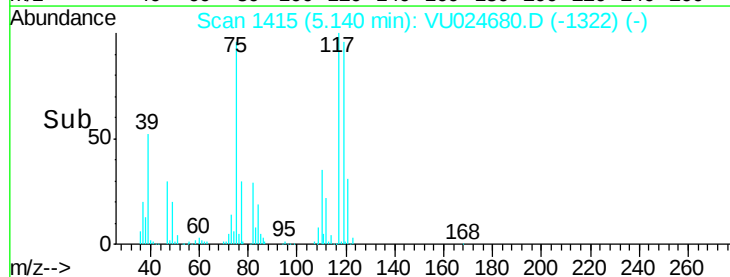
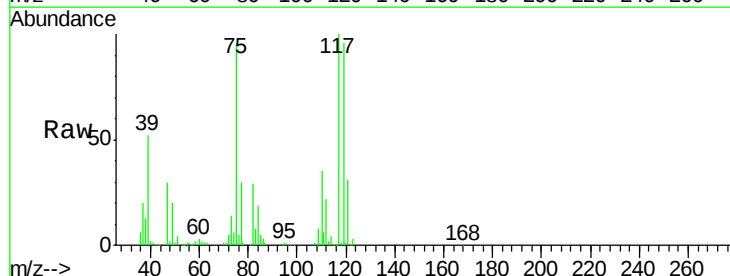
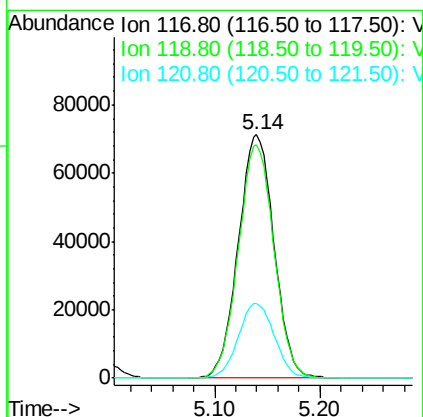
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 48.87 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.1	114.1
121	30.9	23.7	35.5





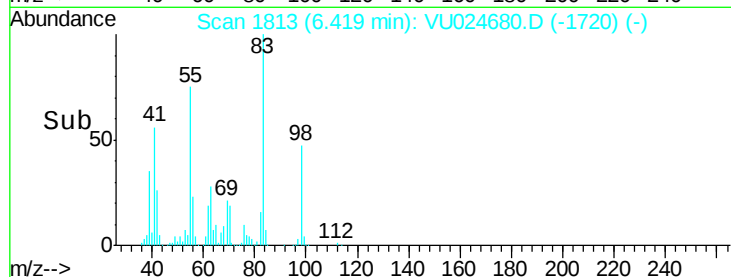
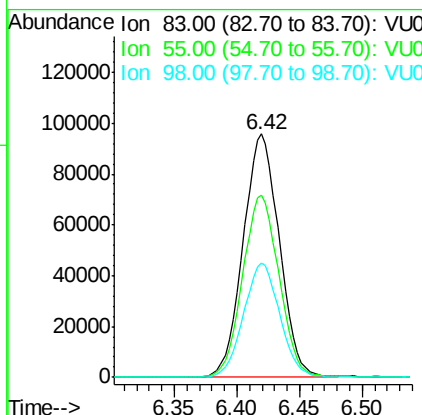
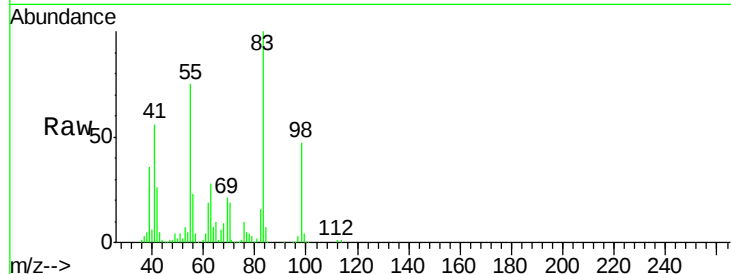
#39
Methvlcvclohexane
Concen: 49.42 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	65.8	98.6
98	46.9	36.7	55.1

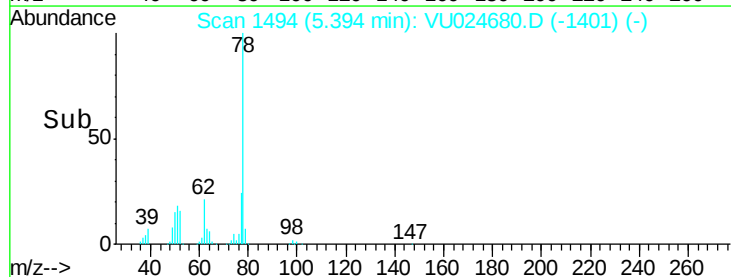
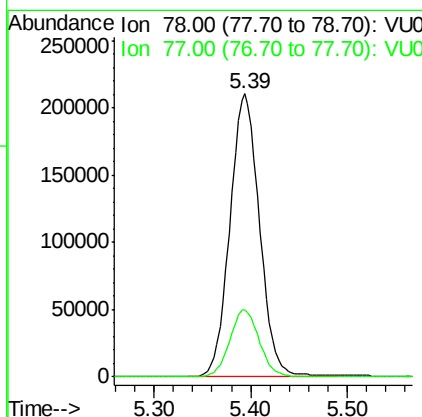
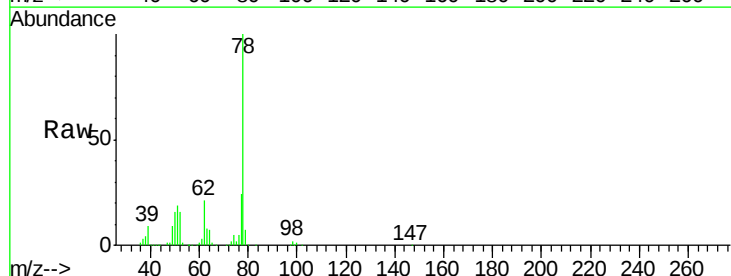
Manual Integrations
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#40
Benzene
Concen: 50.52 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





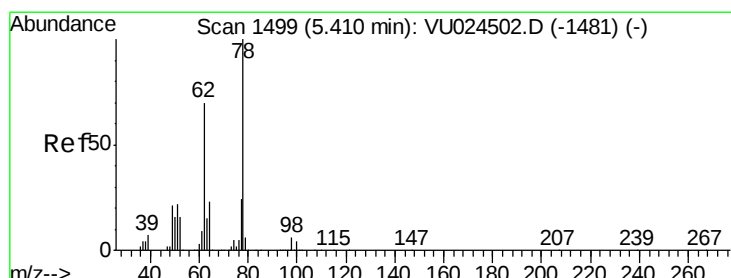
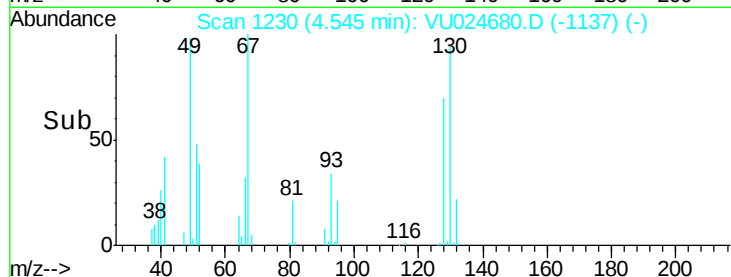
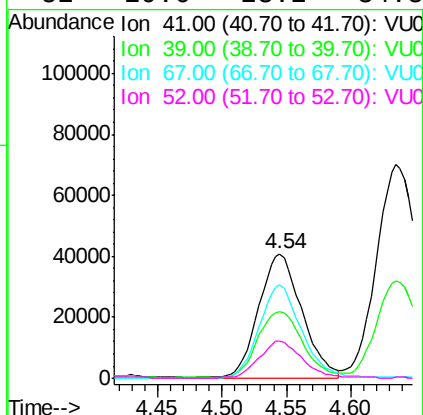
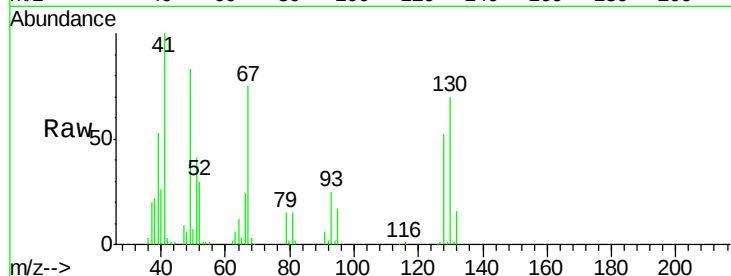
#41
Methacrylonitrile
Concen: 51.51 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	43.8	65.6	
67	74.7	56.3	84.5	
52	29.6	23.2	34.8	

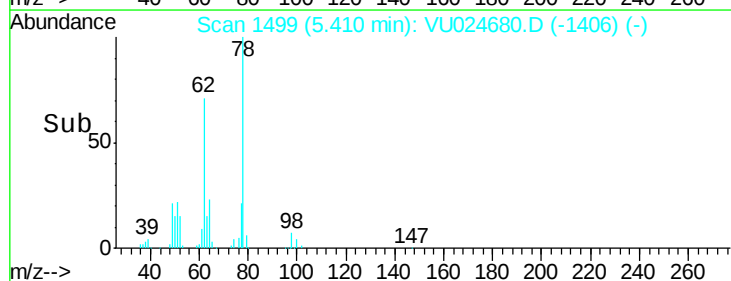
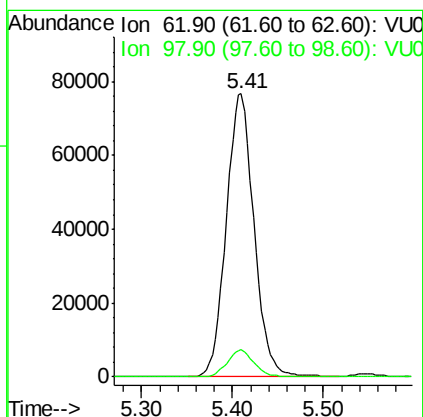
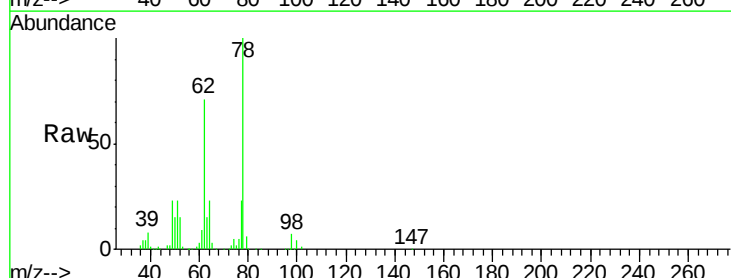
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 48.05 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	16.6	





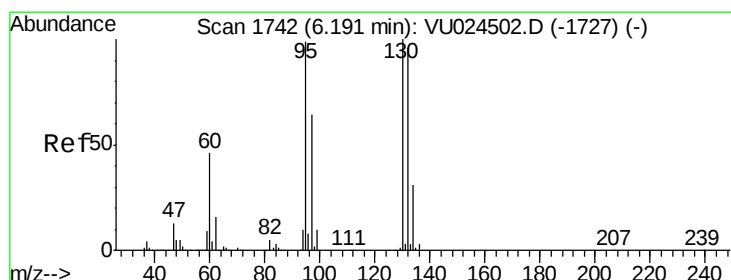
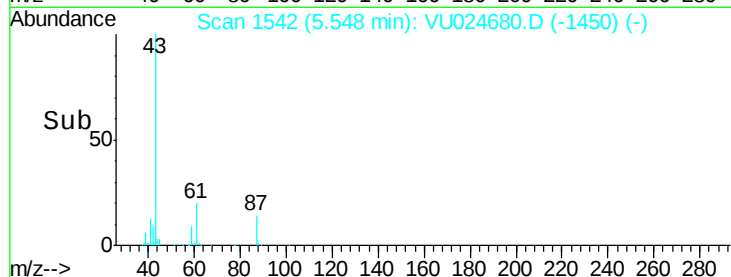
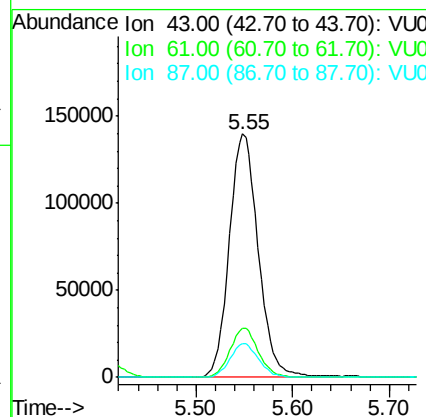
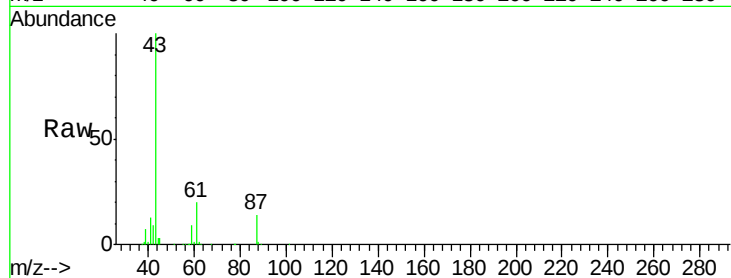
#43
Isopropyl Acetate
Concen: 49.29 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	289533		
61	19.9		15.4	23.0
87	13.9		10.0	15.0

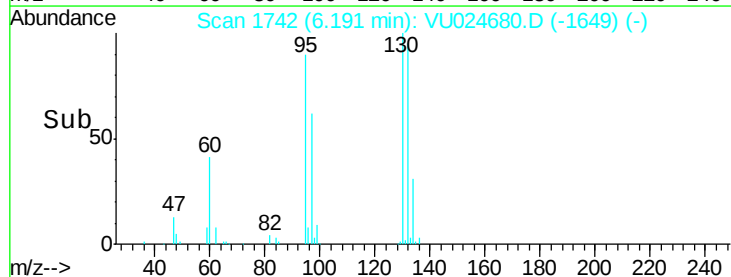
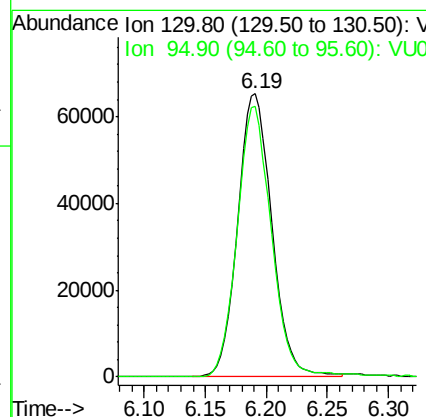
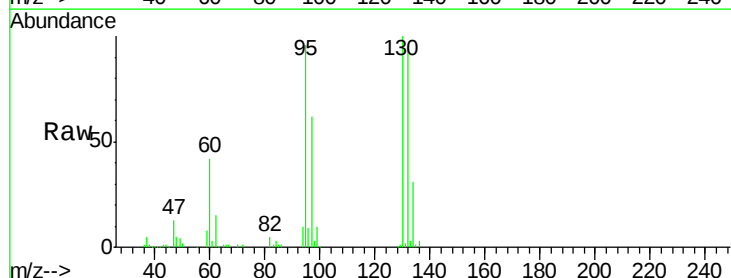
Manual Integrations
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#44
Trichloroethene
Concen: 50.16 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	126824		
95	95.8		0.0	202.4





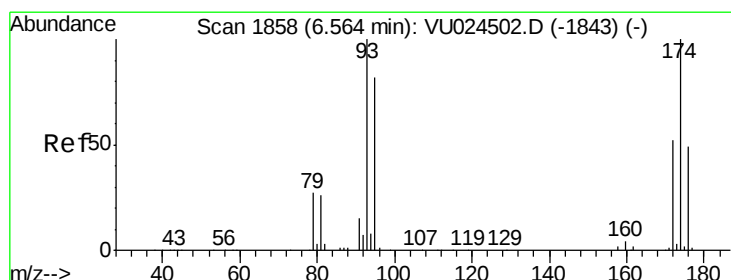
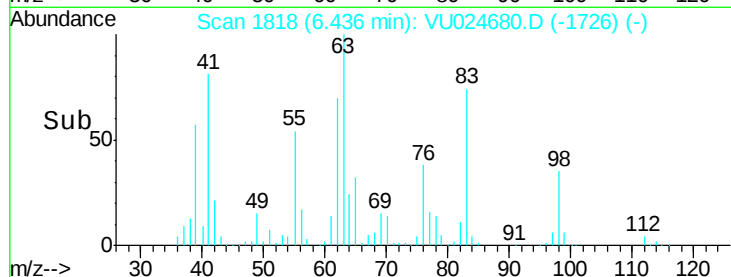
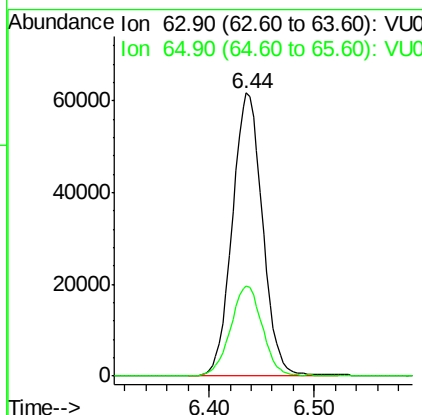
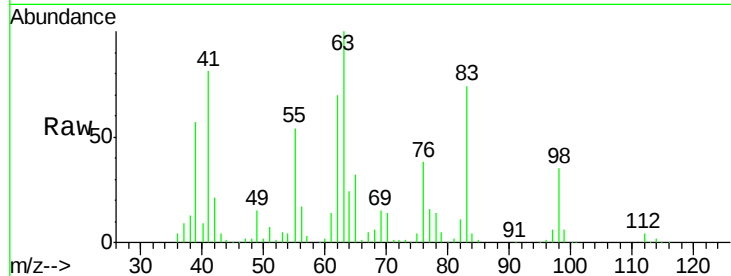
#45
 1,2-Dichloropropane
 Concen: 51.82 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 122847
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.8 37.2

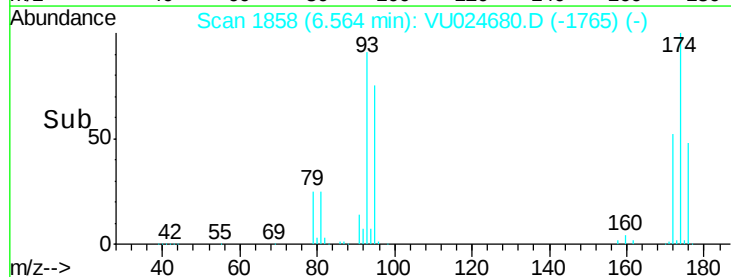
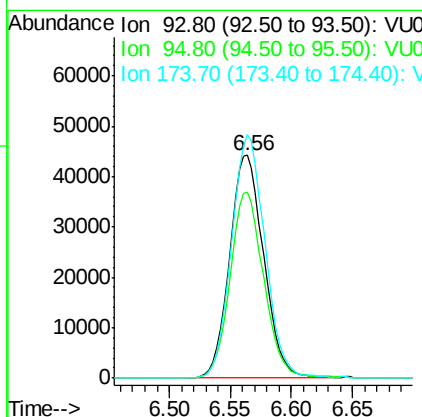
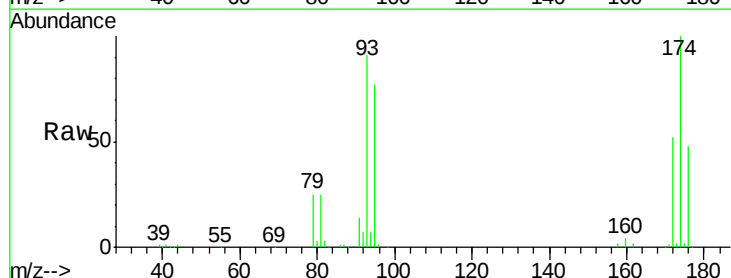
Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:54:57 PM



#46
 Dibromomethane
 Concen: 51.60 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Tgt Ion: 93 Resp: 85920
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.5 98.3
 174 107.1 78.7 118.1





#47

Bromodichloromethane

Concen: 49.84 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

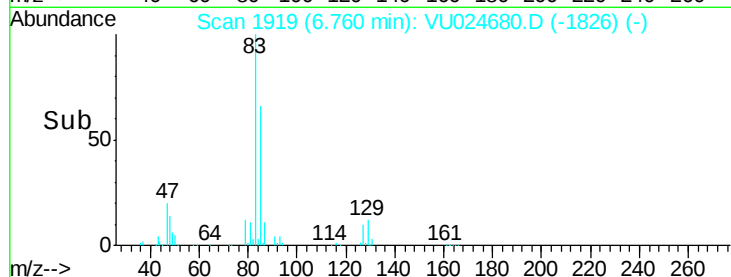
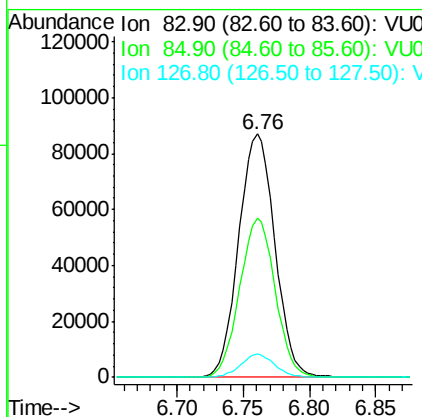
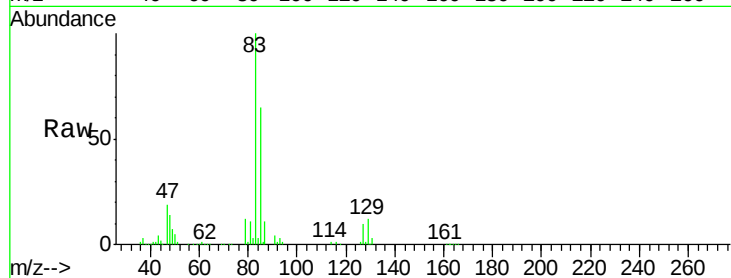
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	165267
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.9	77.9
127	9.6	6.6	9.8

Manual Integrations
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MMDadoda
6/19/2018 1:54:57 PM



#48

Methyl methacrylate

Concen: 48.45 ug/l

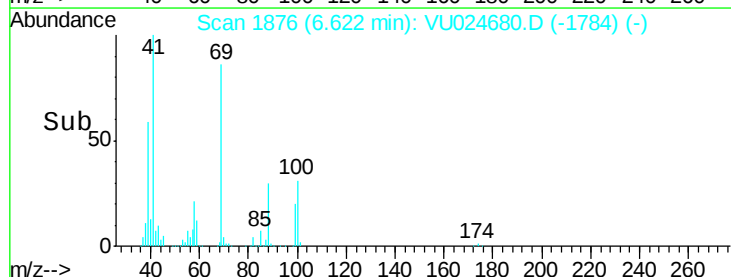
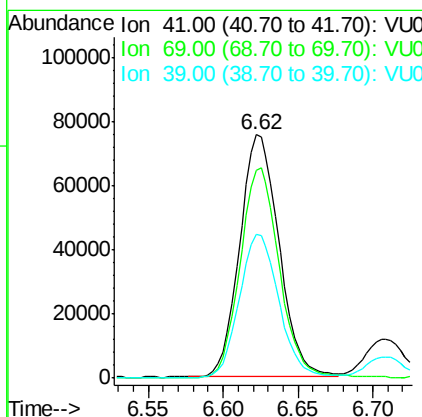
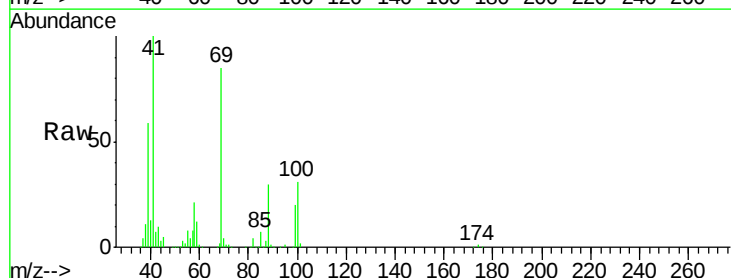
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Tgt Ion:	41	Resp:	138587
Ion Ratio	Lower	Upper	
41	100		
69	86.4	67.3	100.9
39	59.3	46.5	69.7





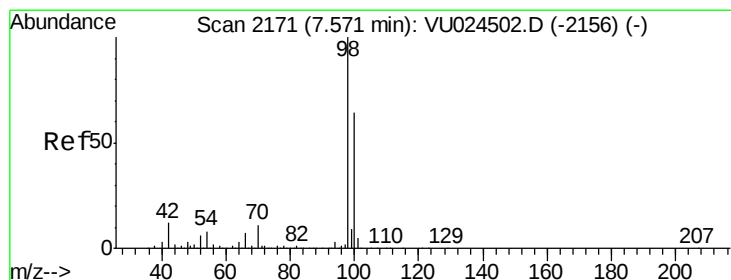
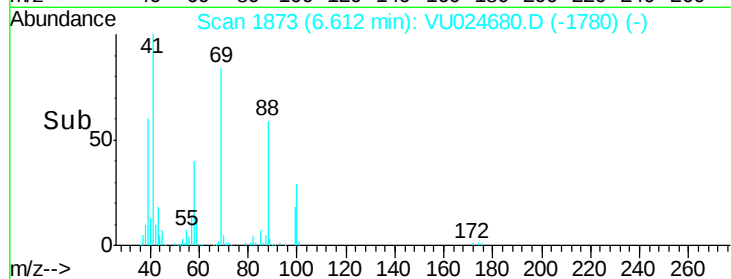
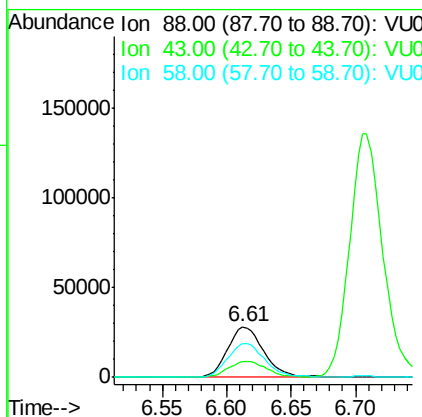
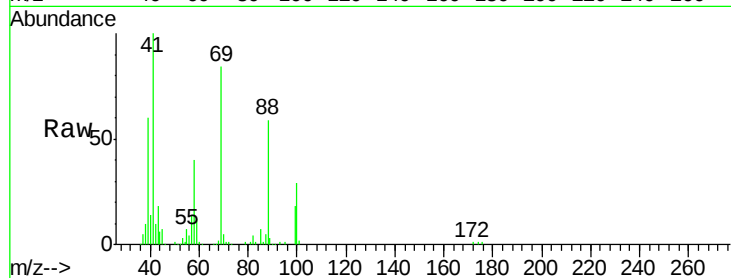
#49
1,4-Dioxane
Concen: 963.70 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	28.6	42.8
58	70.8	58.2	87.4

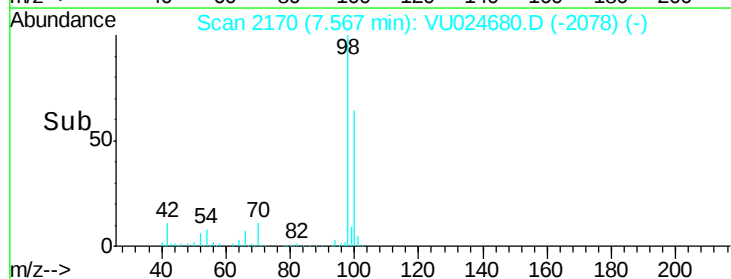
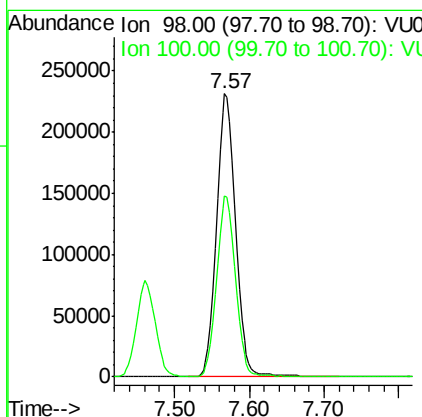
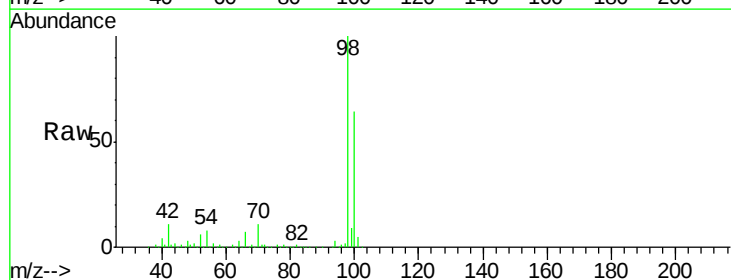
Manual Integrations
APPROVED

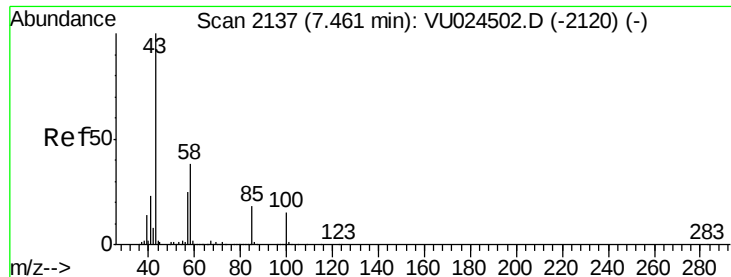
MMDadoda
6/19/2018 1:54:57 PM



#50
Toluene-d8
Concen: 51.13 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.1	76.7





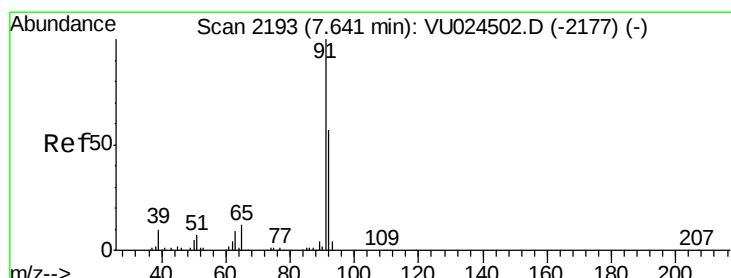
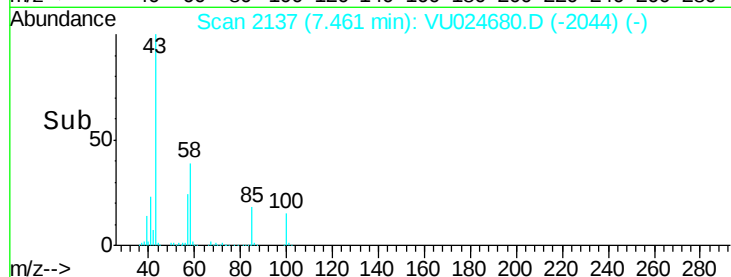
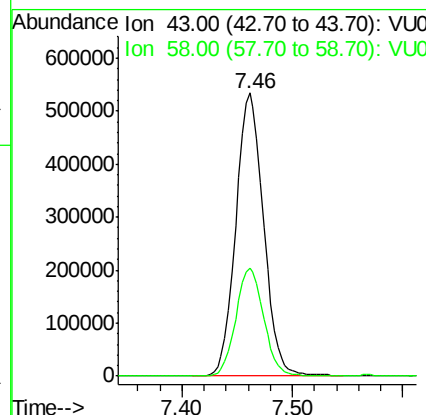
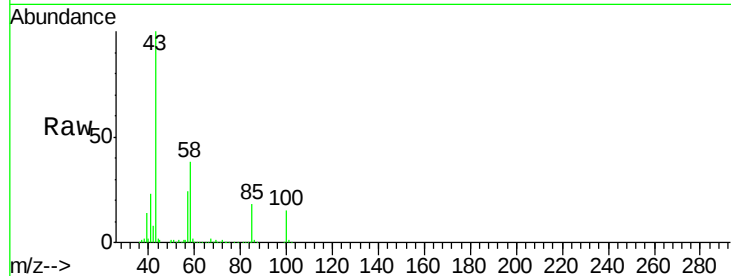
#51
4-Methyl-2-Pentanone
Concen: 252.28 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.0	45.0

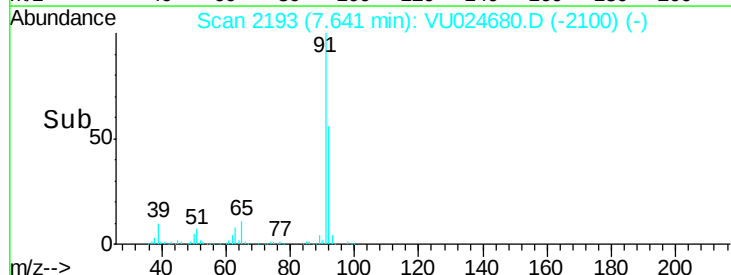
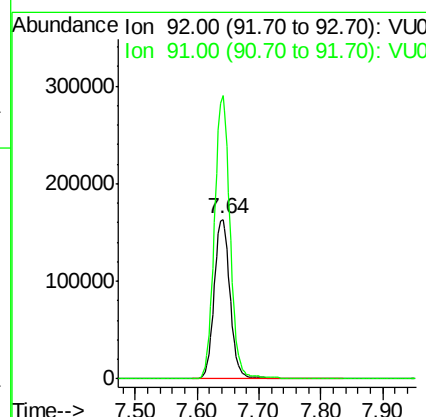
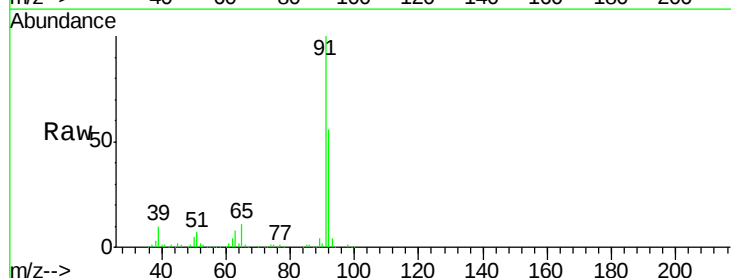
Manual Integrations
APPROVED

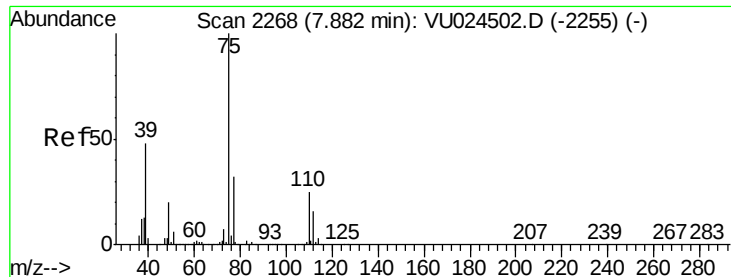
MMDadoda
6/19/2018 1:54:57 PM



#52
Toluene
Concen: 50.82 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.1	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 50.94 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 189701

Ion Ratio Lower Upper

75 100

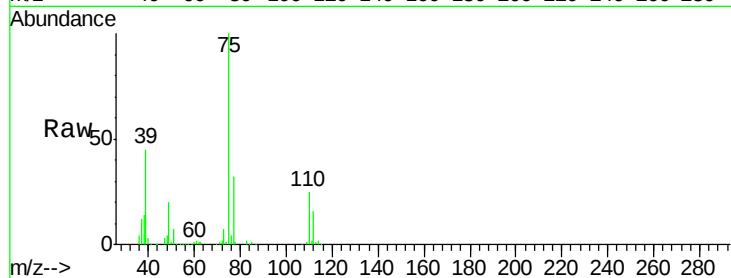
77 32.0 24.8 37.2

Manual Integrations

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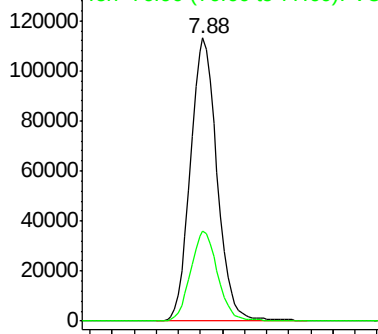
MMDadoda

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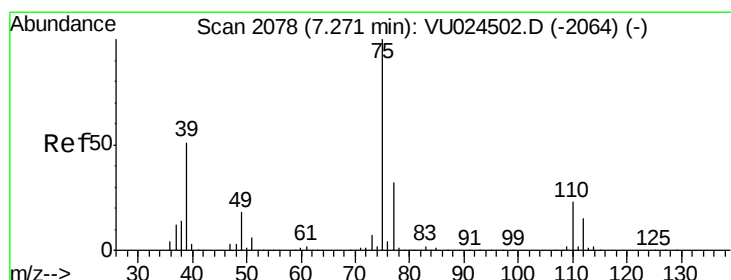
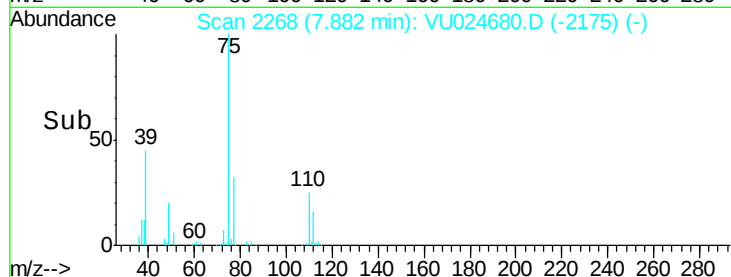


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.16 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

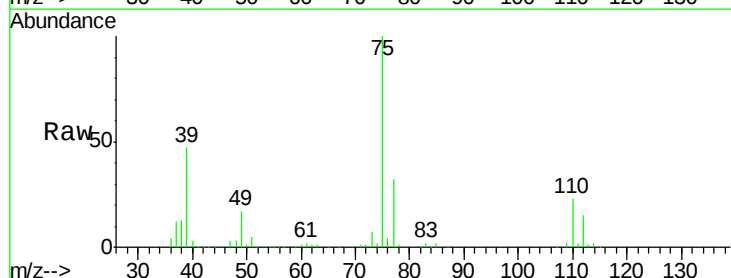
Tgt Ion: 75 Resp: 199022

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

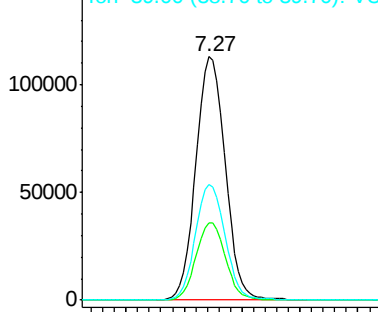
39 47.3 39.8 59.6



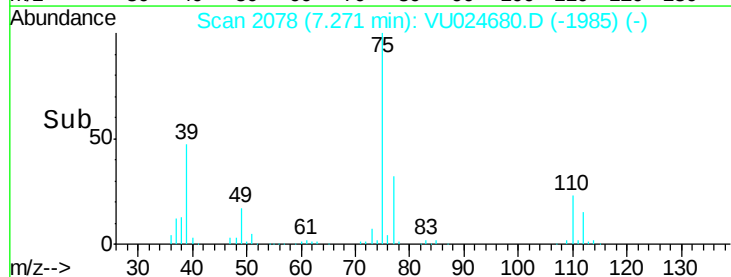
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0



Time-->





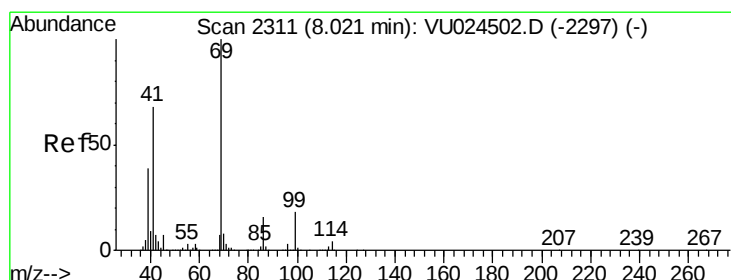
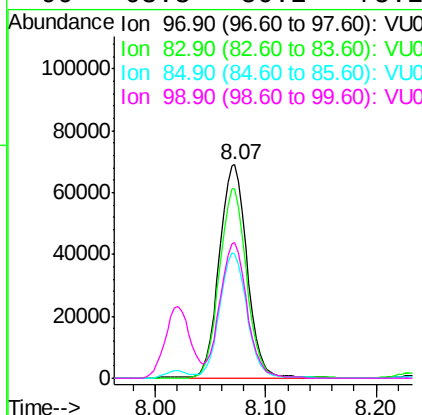
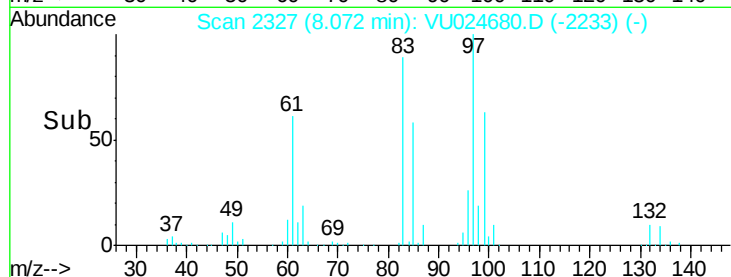
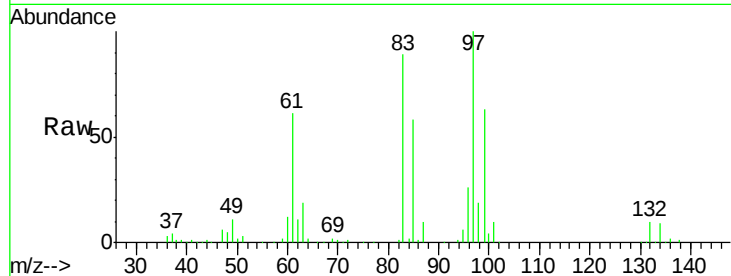
#55
 1,1,2-Trichloroethane
 Concen: 51.59 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	119873
Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.5	105.7
85	58.2	46.4	69.6
99	63.3	50.2	75.2

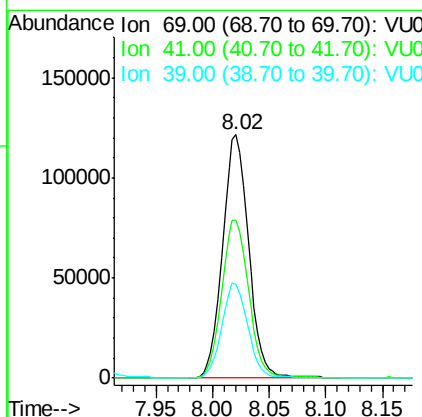
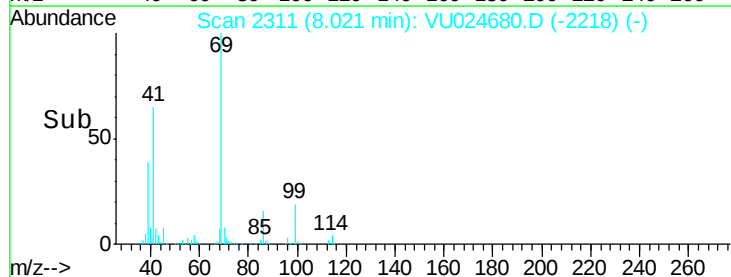
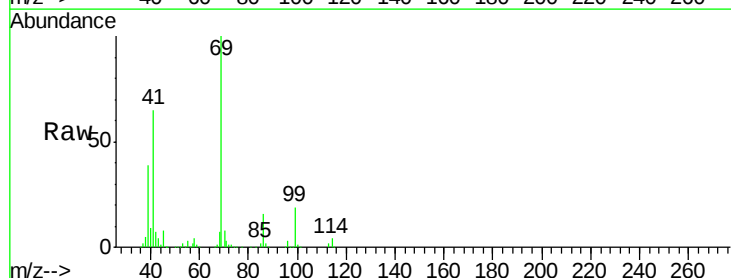
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 50.35 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Tgt Ion:	69	Resp:	195824
Ion	Ratio	Lower	Upper
69	100		
41	66.0	54.1	81.1
39	38.1	30.3	45.5





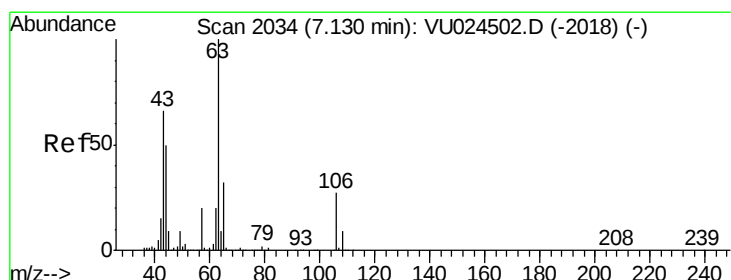
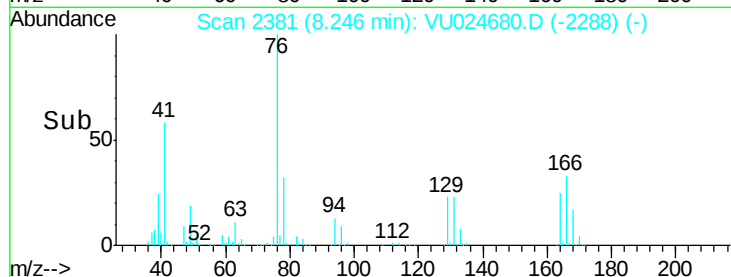
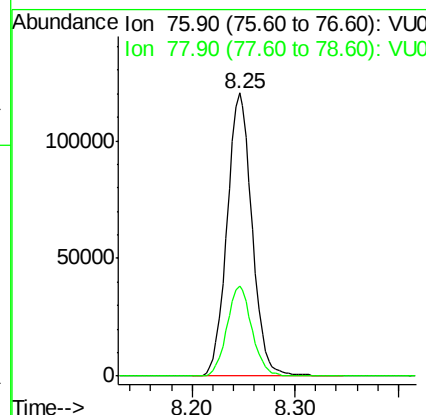
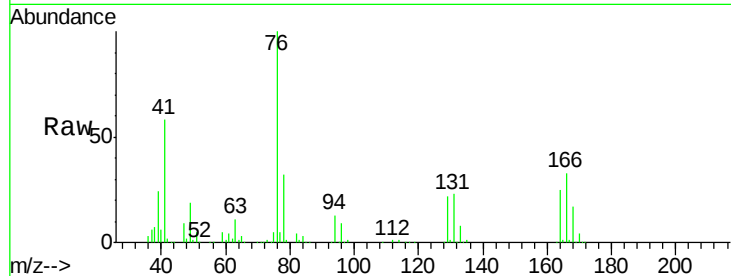
#57
 1,3-Dichloropropane
 Concen: 51.82 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 203136
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8

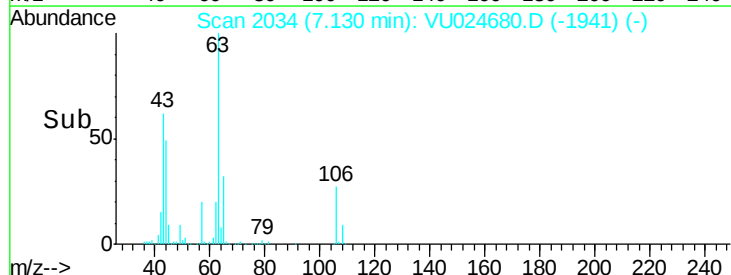
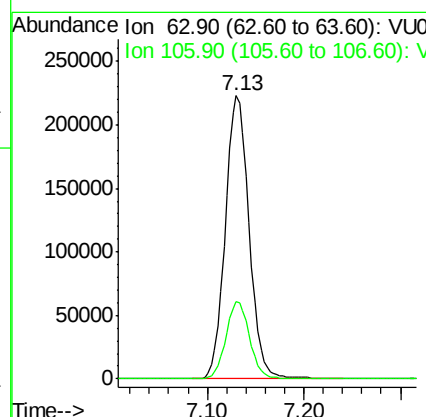
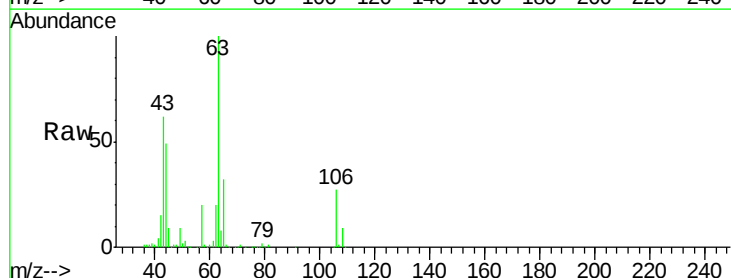
Manual Integrations
 APPROVED

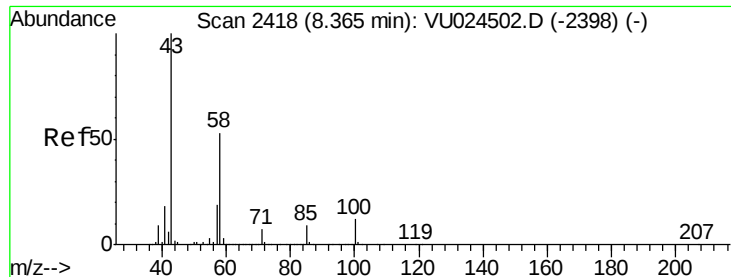
MMDadoda
 6/19/2018 1:54:57 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.72 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Tgt Ion: 63 Resp: 381003
 Ion Ratio Lower Upper
 63 100
 106 27.0 20.2 30.2





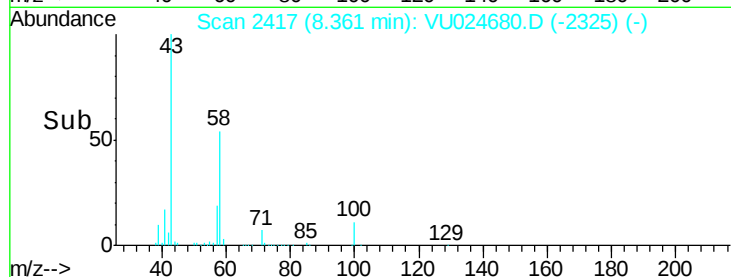
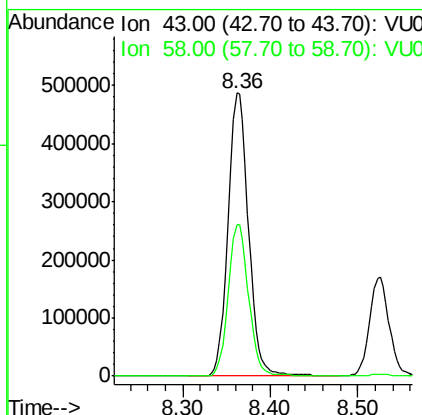
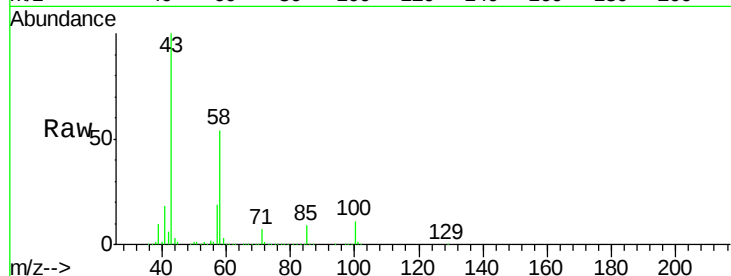
#59
2-Hexanone
Concen: 262.86 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 792002
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.0

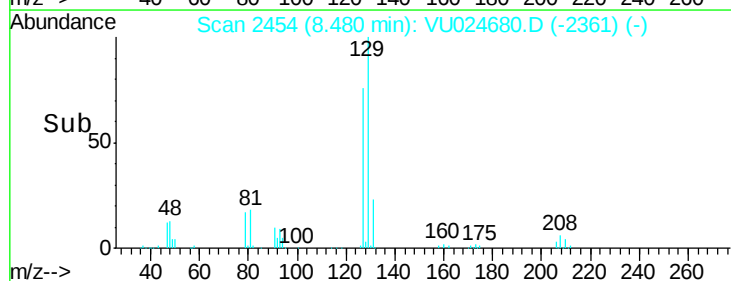
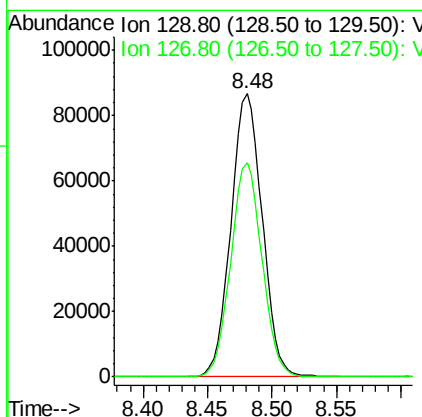
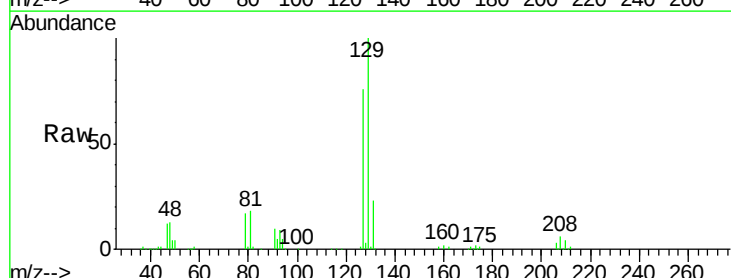
Manual Integrations
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6/19/2018 1:54:57 PM



#60
Dibromochloromethane
Concen: 50.49 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion: 129 Resp: 146299
Ion Ratio Lower Upper
129 100
127 75.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.21 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 132450

Ion Ratio Lower Upper

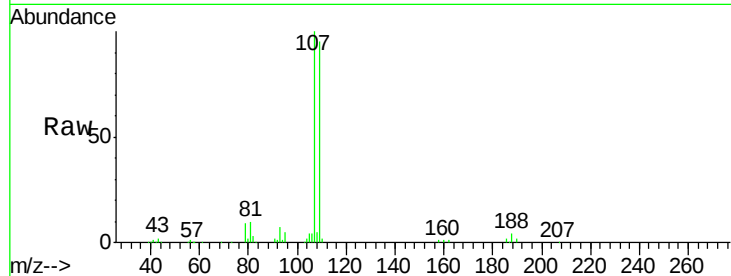
107 100

109 94.1 74.5 111.7

Manual Integrations
APPROVED

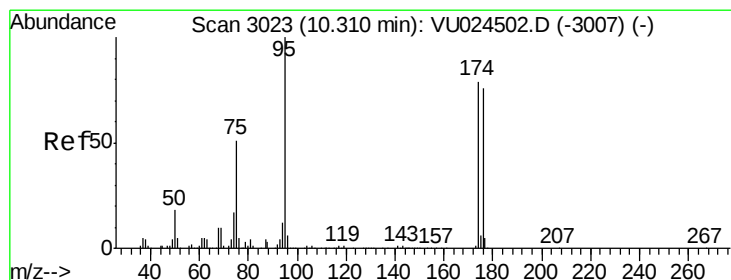
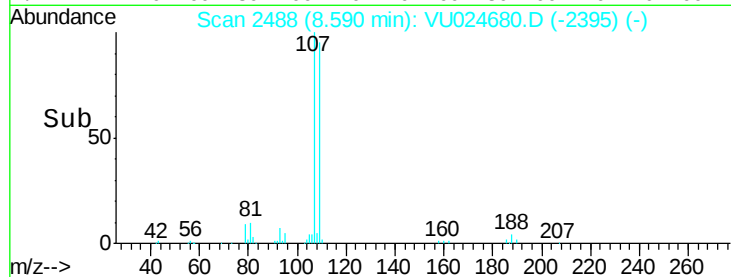
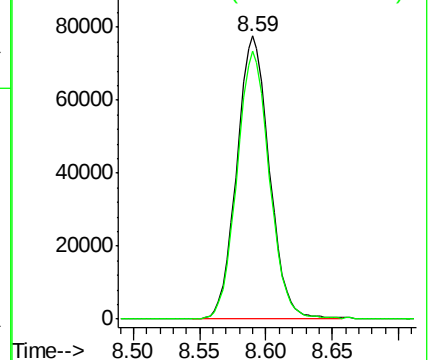
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.78 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

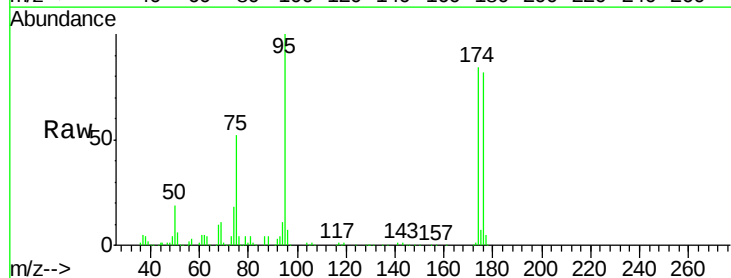
Tgt Ion: 95 Resp: 155564

Ion Ratio Lower Upper

95 100

174 86.1 0.0 165.8

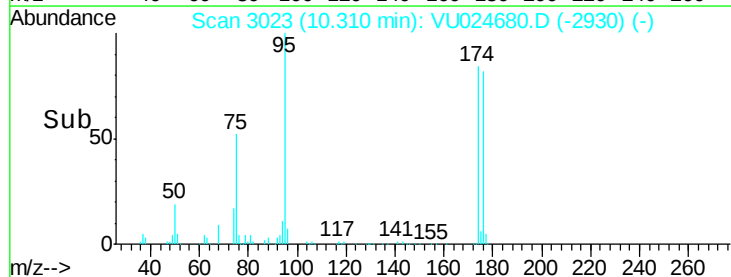
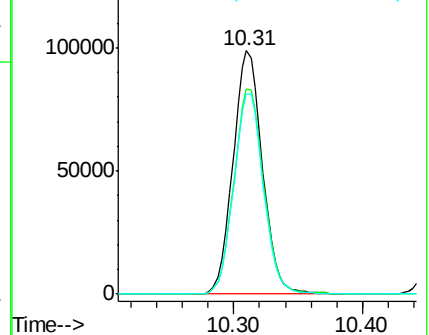
176 83.5 0.0 159.4



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





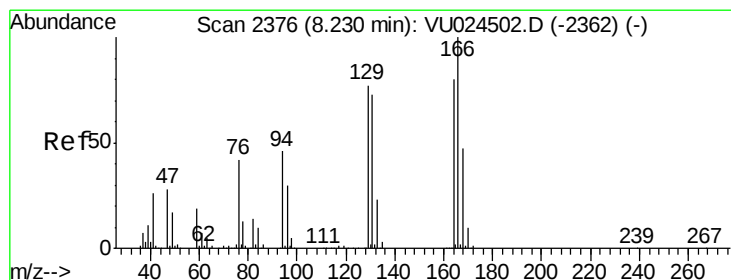
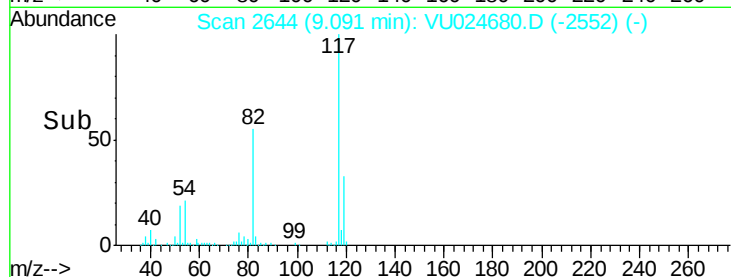
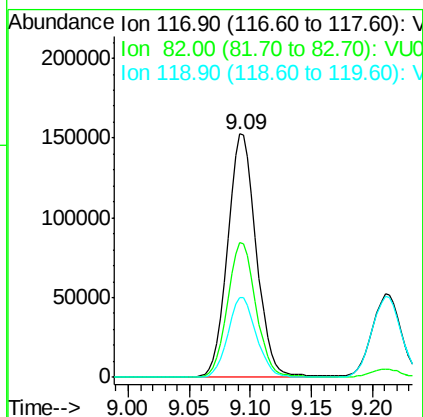
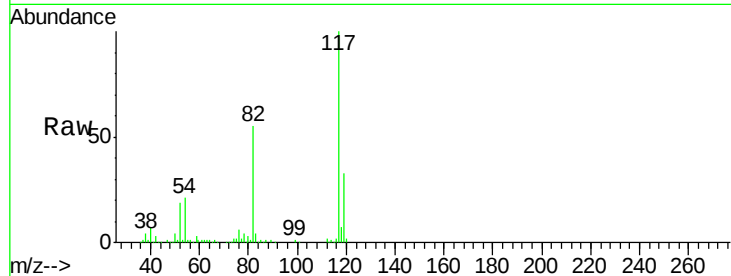
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	251298		
82	55.5	44.3	66.5	
119	32.9	25.4	38.2	

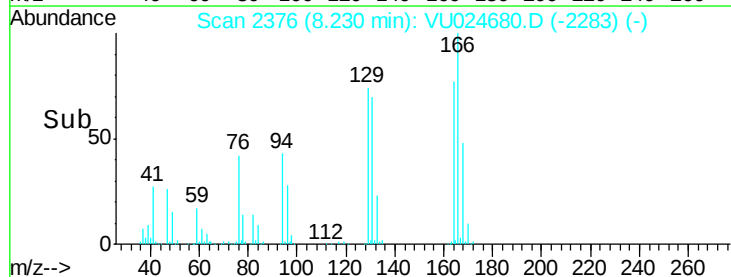
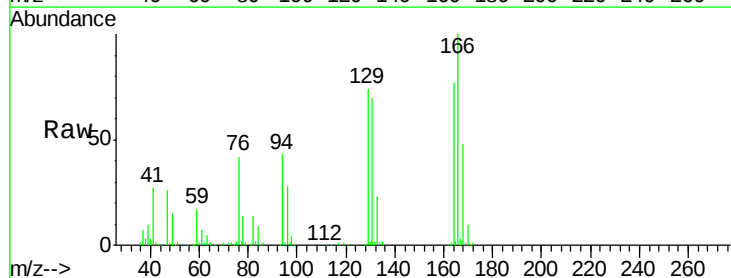
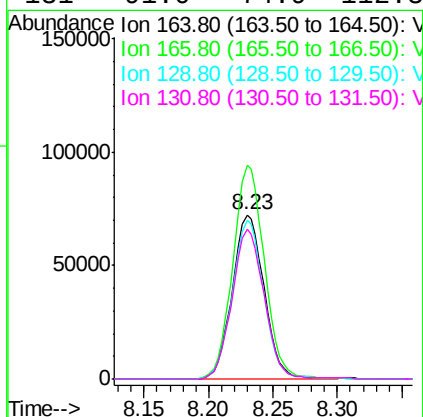
Manual Integrations
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#64
Tetrachloroethene
Concen: 51.92 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124019		
166	130.3	101.7	152.5	
129	96.7	76.9	115.3	
131	91.0	74.9	112.3	





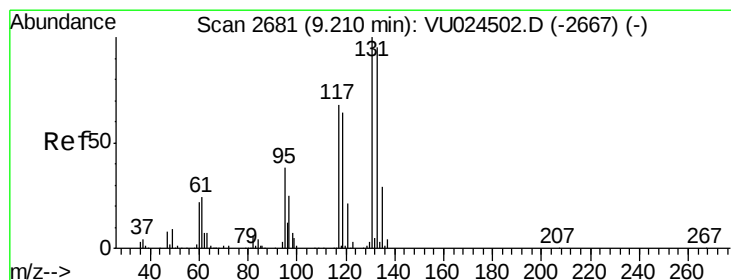
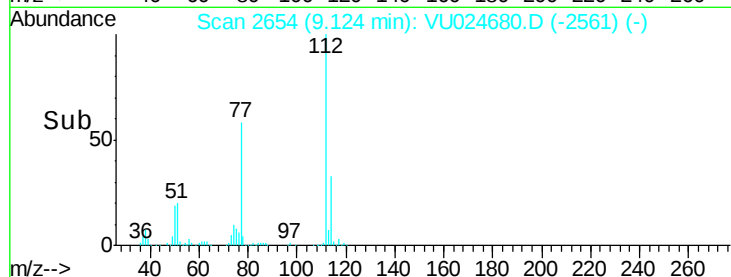
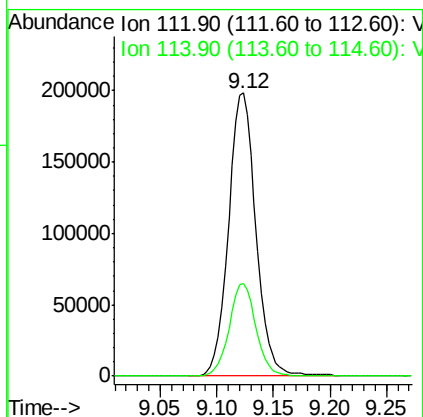
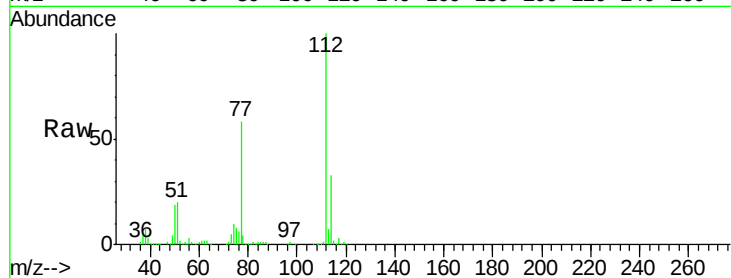
#65
Chlorobenzene
Concen: 52.02 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.6	38.4

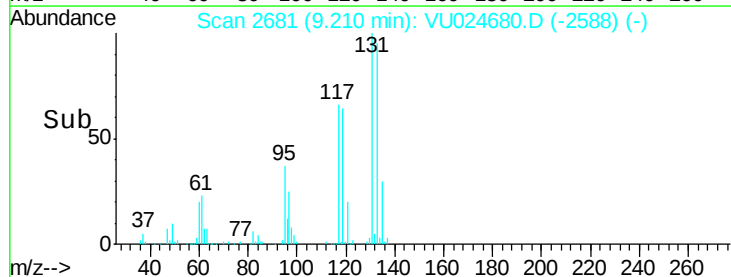
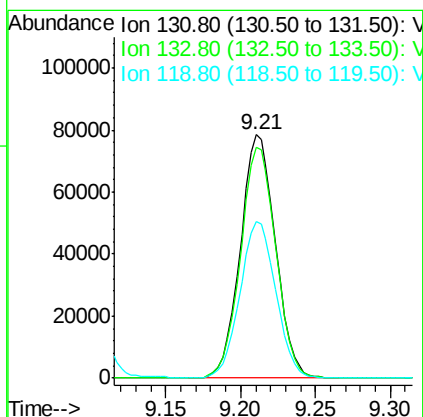
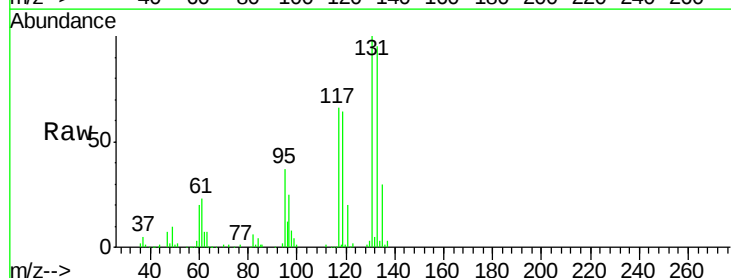
Manual Integrations
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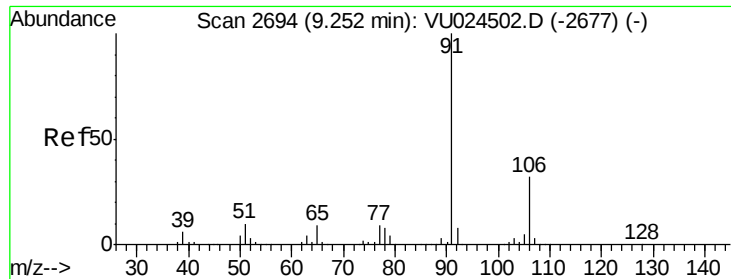
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.40 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	46.9	140.8
119	65.9	33.5	100.4





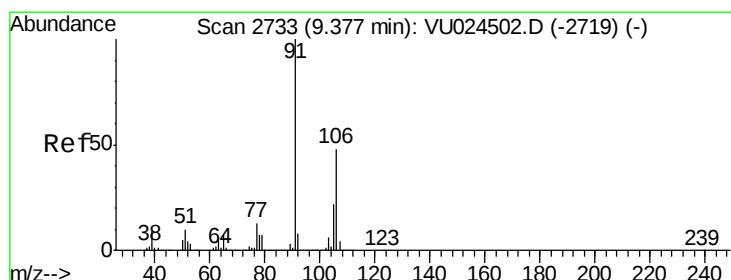
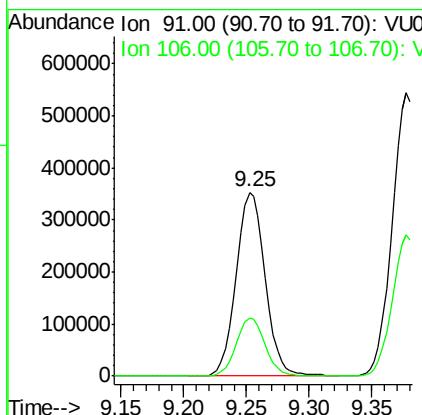
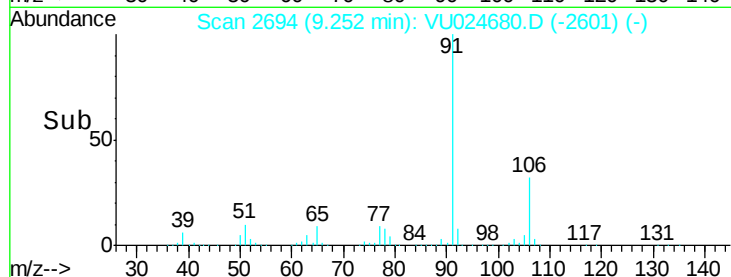
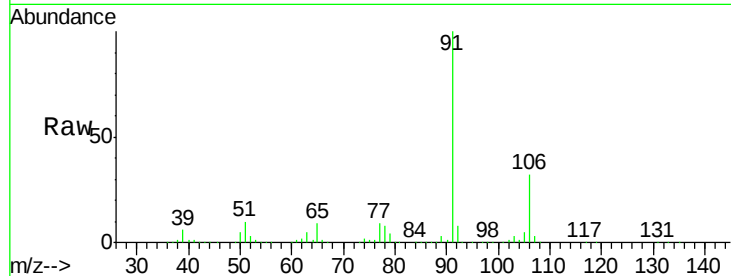
#67
Ethyl Benzene
Concen: 50.44 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 567711
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4

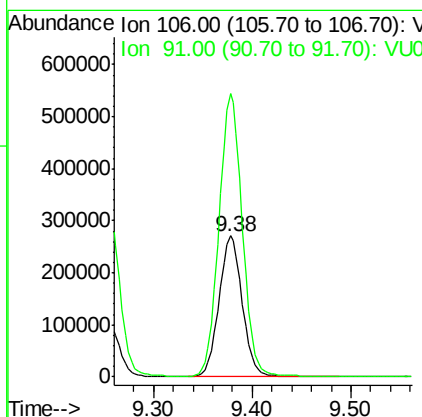
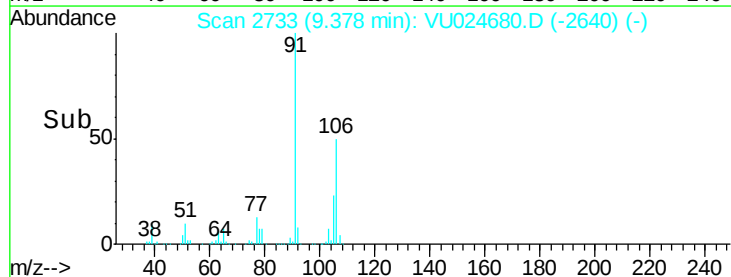
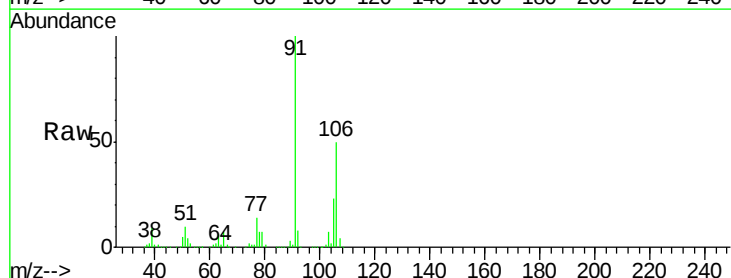
Manual Integrations
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#68
m/p-Xylenes
Concen: 103.35 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion: 106 Resp: 446629
Ion Ratio Lower Upper
106 100
91 202.6 166.5 249.7





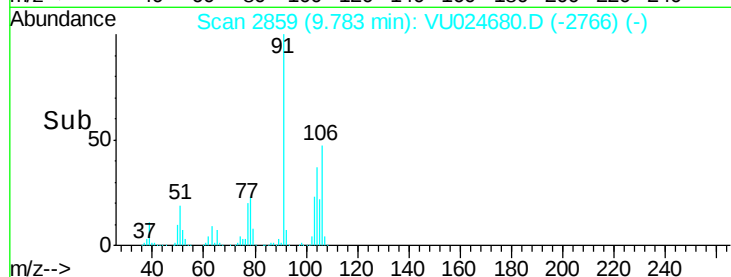
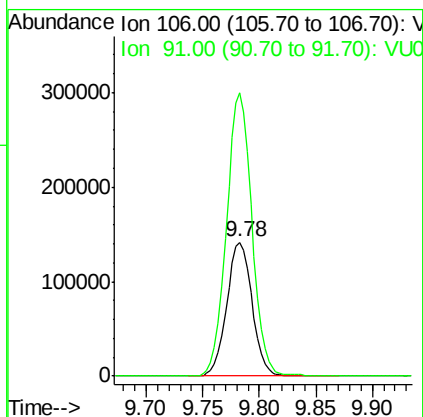
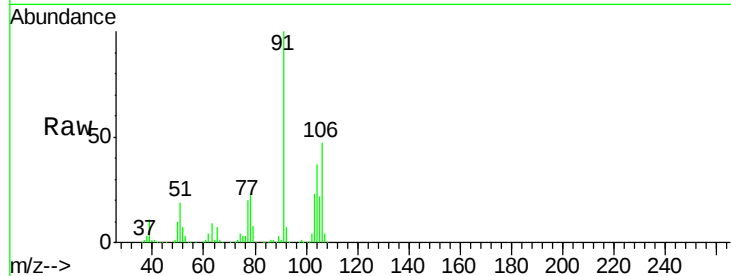
#69
o-Xylene
Concen: 51.82 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.6	110.7	331.9

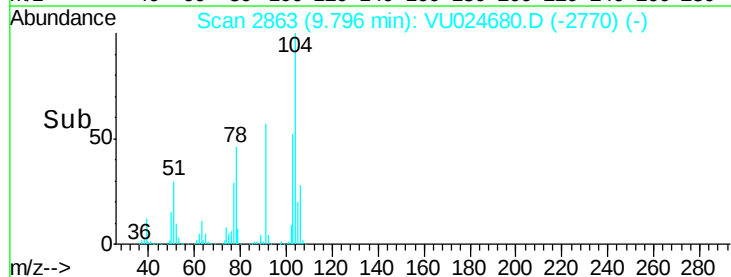
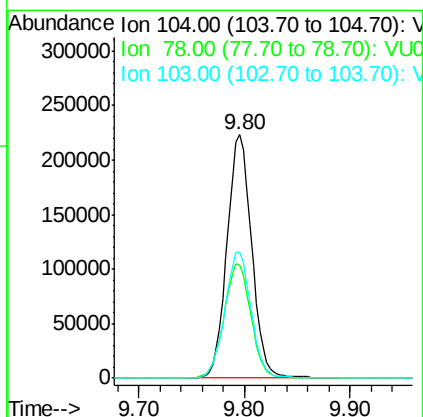
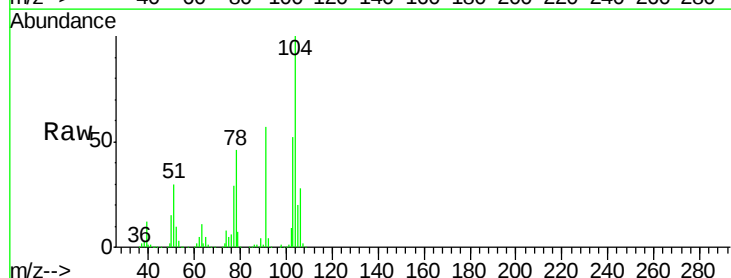
Manual Integrations
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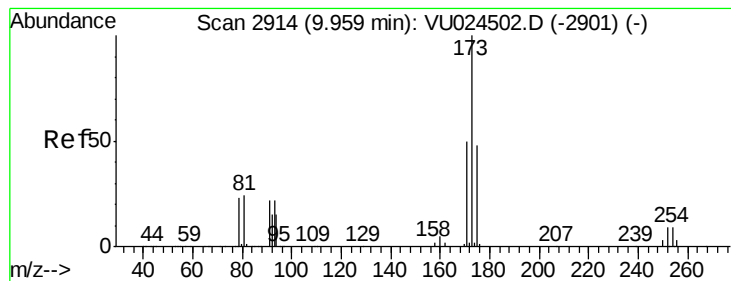
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#70
Styrene
Concen: 51.51 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.3	40.6	60.8
103	55.2	44.7	67.1





#71

Bromoform

Concen: 51.95 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

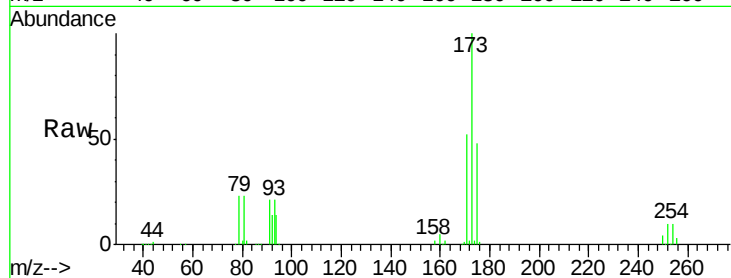
ClientSampleId :

VSTDCCC050

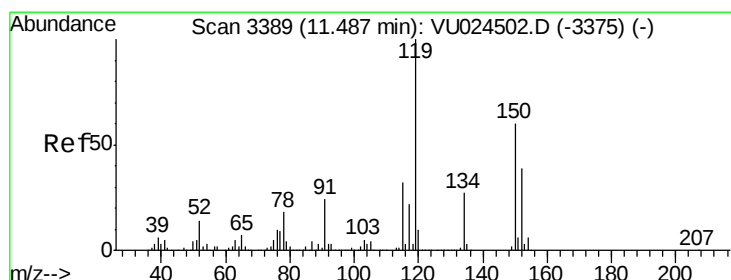
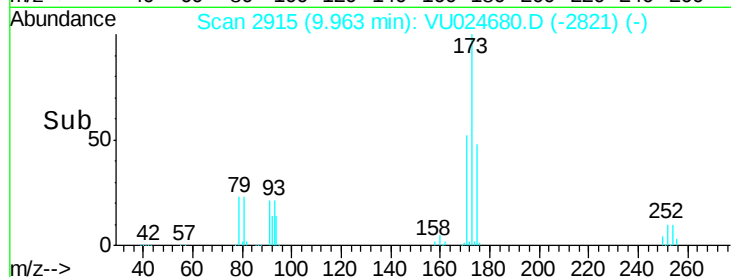
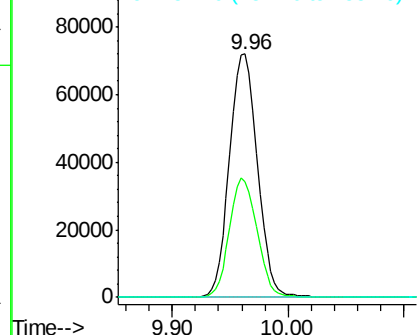
Tot Ion:	173	Resp:	120444
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations
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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

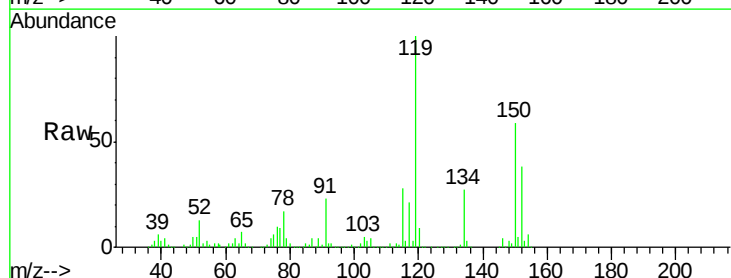
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

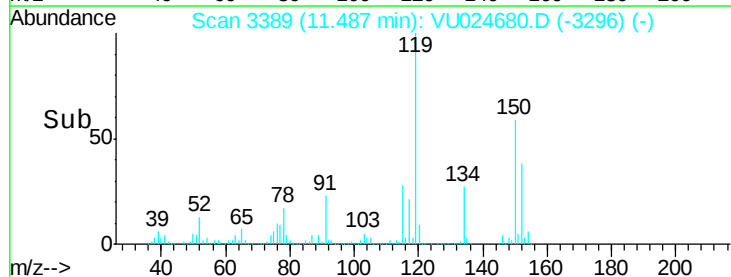
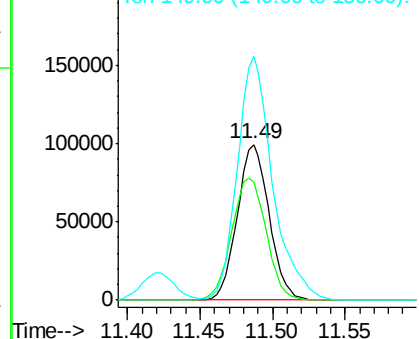
Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Tgt Ion:	152	Resp:	151746
Ion Ratio	Lower	Upper	
152	100		
115	84.8	43.0	129.0
150	173.0	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: 50.97 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 593839

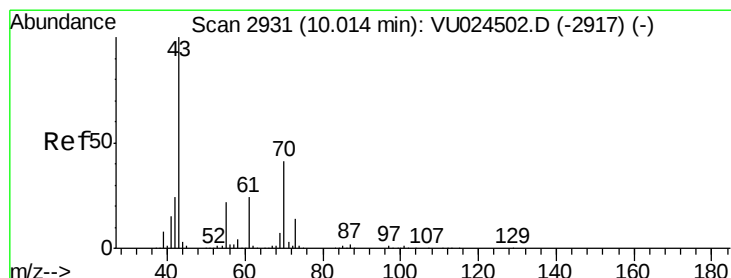
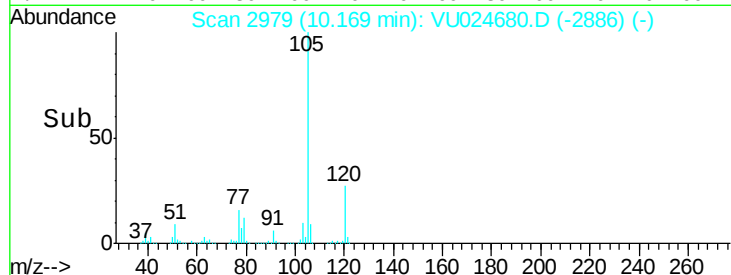
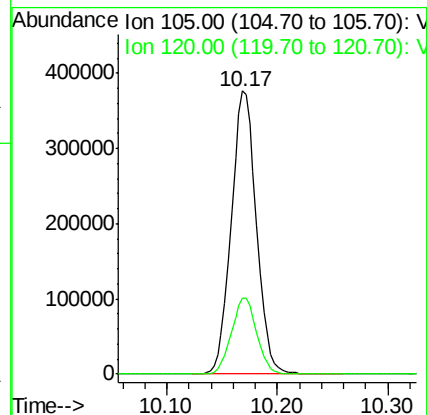
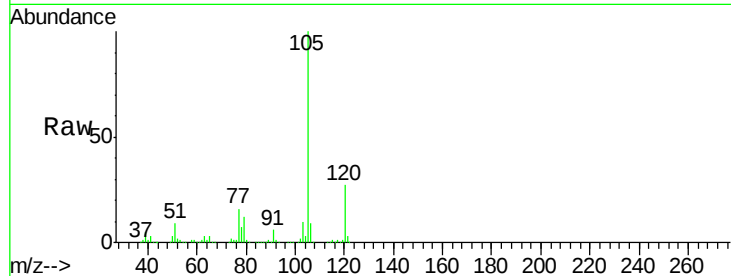
Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6

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#74

N-ethyl acetate

Concen: 49.71 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Tgt Ion: 43 Resp: 275463

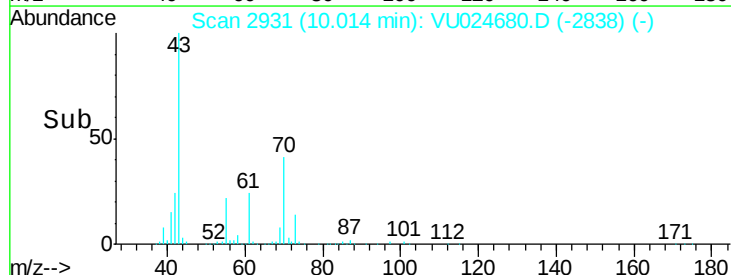
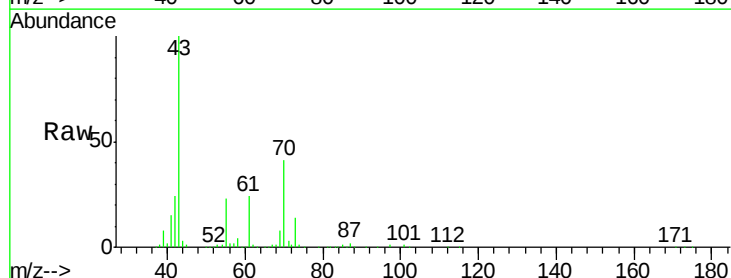
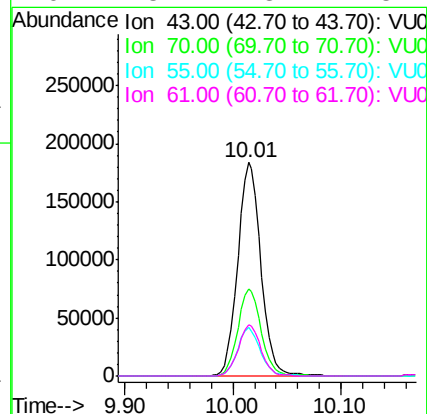
Ion Ratio Lower Upper

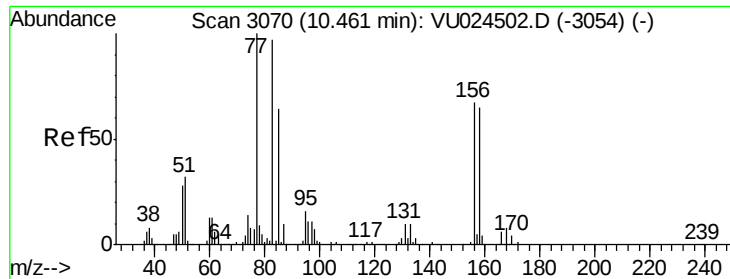
43 100

70 41.2 32.2 48.4

55 22.2 20.5 30.7

61 23.7 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.86 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 198560

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

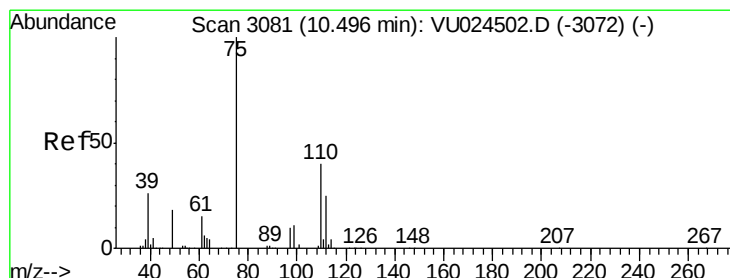
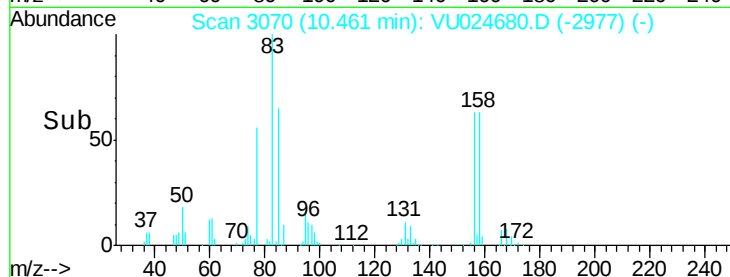
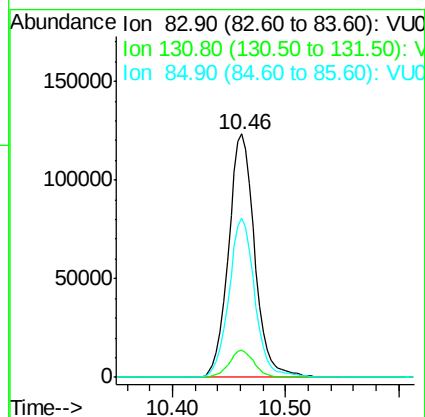
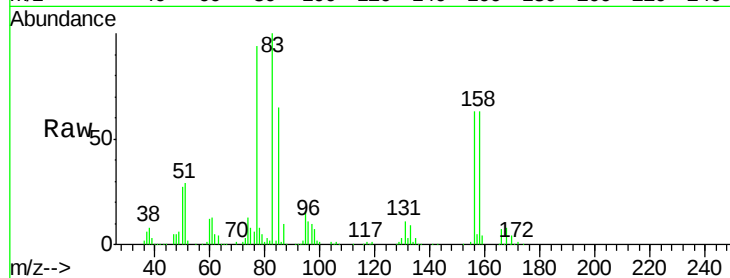
85 64.7 32.5 97.5

Manual Integrations

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#76

1,2,3-Trichloropropane

Concen: 50.87 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024680.D

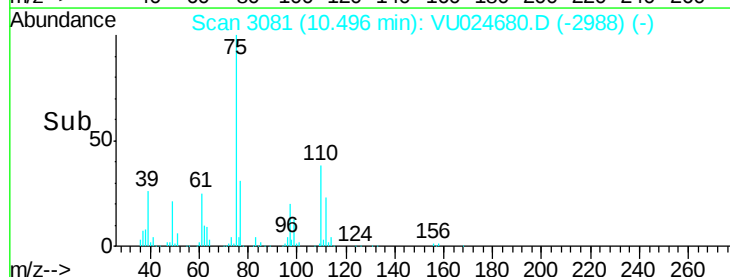
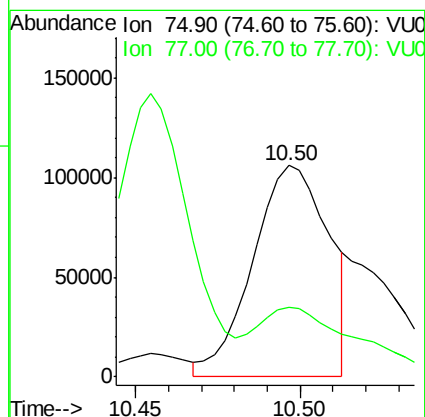
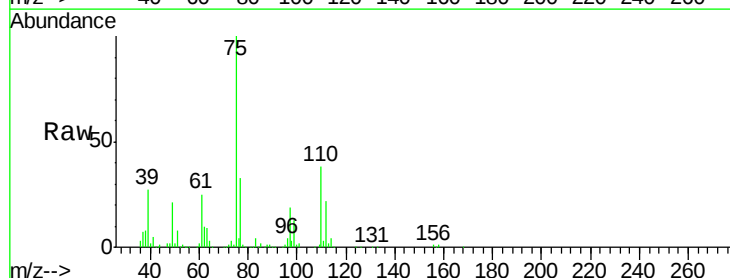
Acq: 18 Jun 2018 10:13

Tgt Ion: 75 Resp: 169938

Ion Ratio Lower Upper

75 100

77 45.1 20.9 62.7





#77

Bromobenzene

Concen: 50.61 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

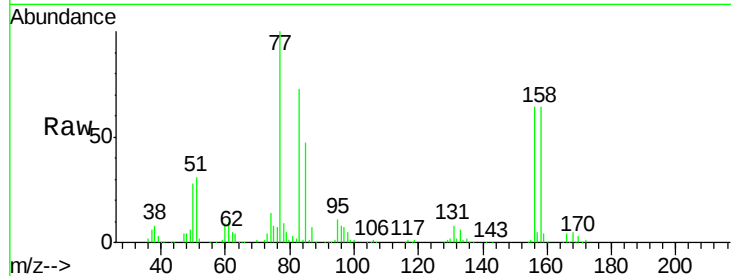
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		149261		
77	150.5	80.5	241.3		
158	98.1	48.2	144.6		

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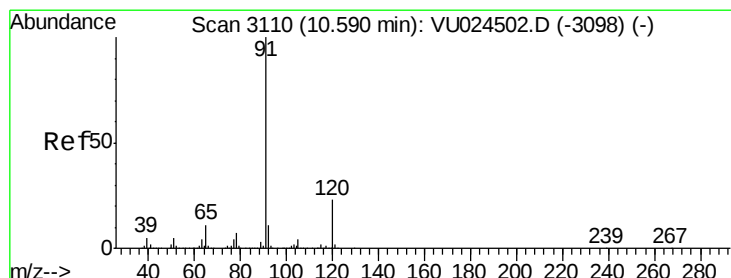
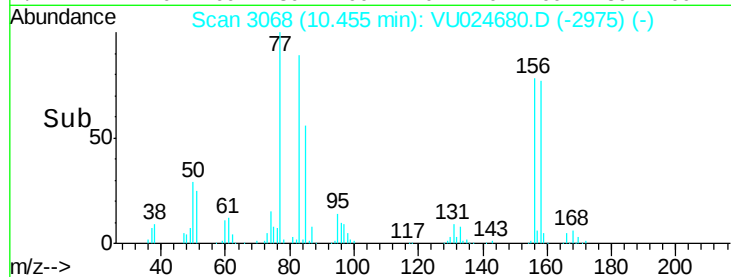
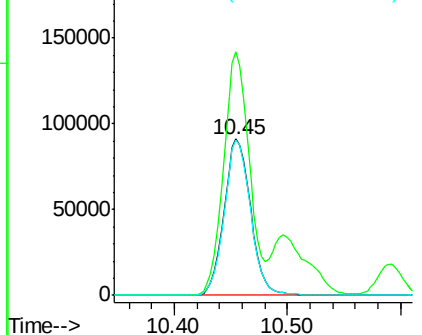
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.23 ug/l

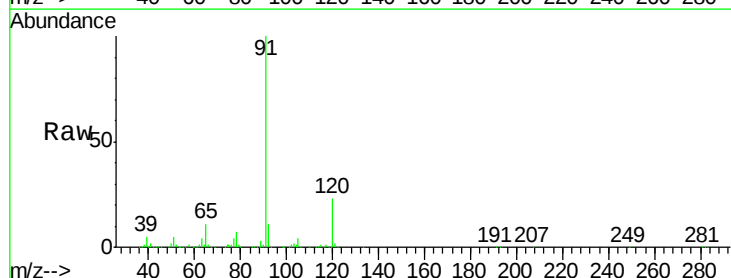
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024680.D

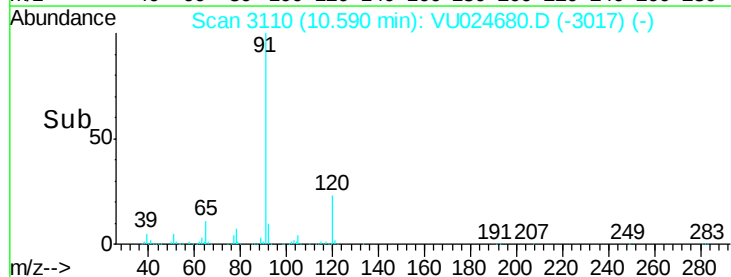
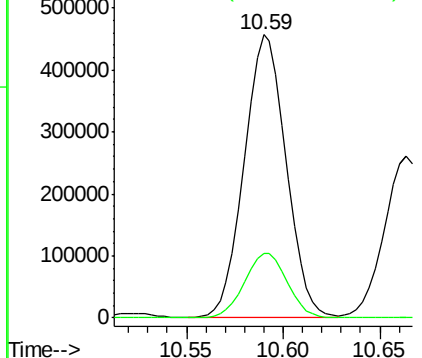
Acq: 18 Jun 2018 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		689374		
120	23.1	11.2	33.5		



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.45 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 408299

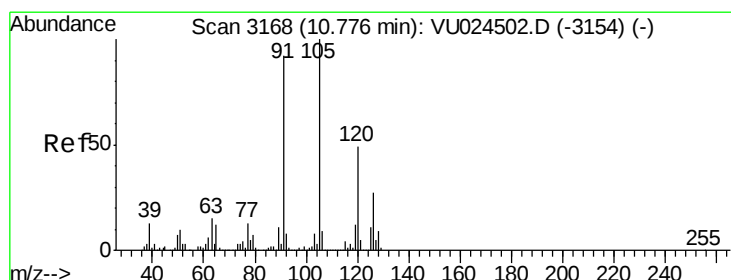
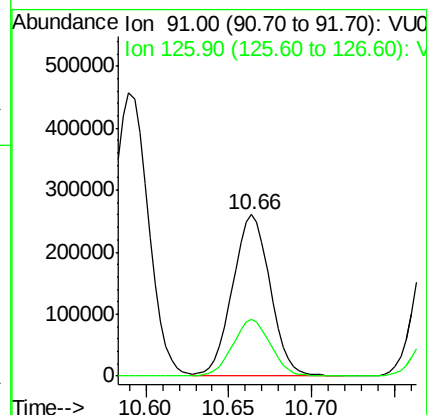
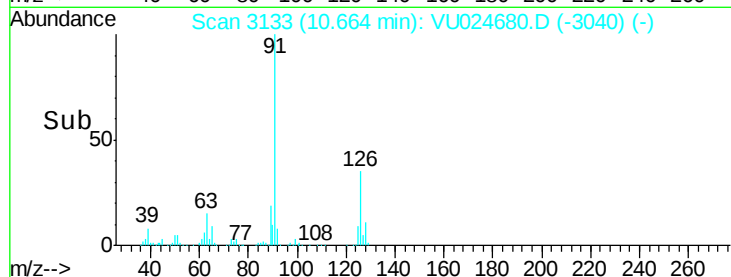
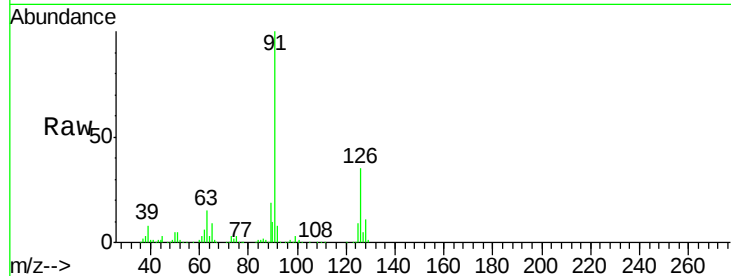
Ion Ratio Lower Upper

91 100

126 35.5 16.9 50.7

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 50.92 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024680.D

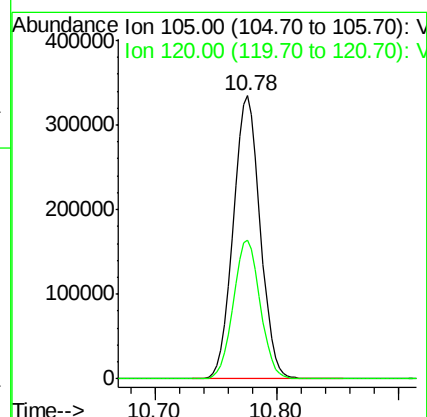
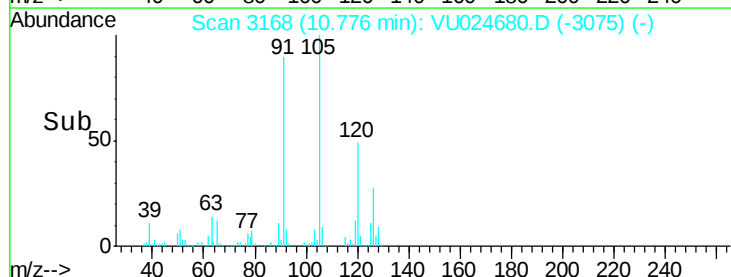
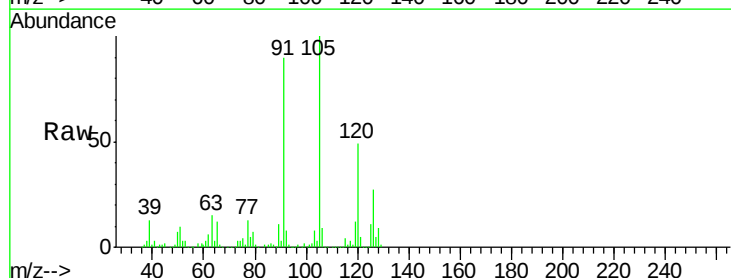
Acq: 18 Jun 2018 10:13

Tgt Ion: 105 Resp: 514218

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2





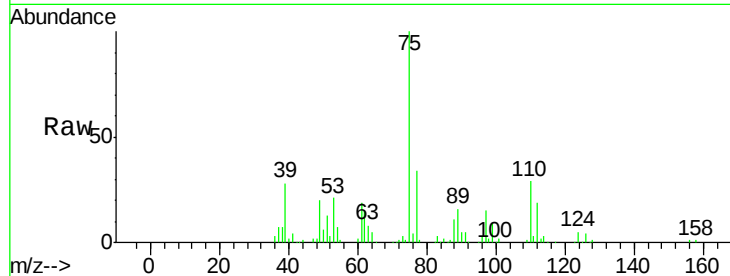
#81
trans-1,4-Dichloro-2-butene
Concen: 55.16 ug/l m
RT: 10.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

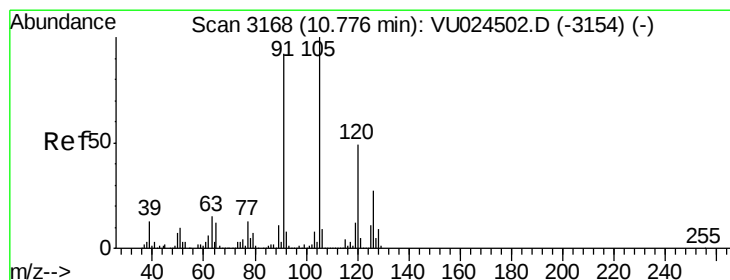
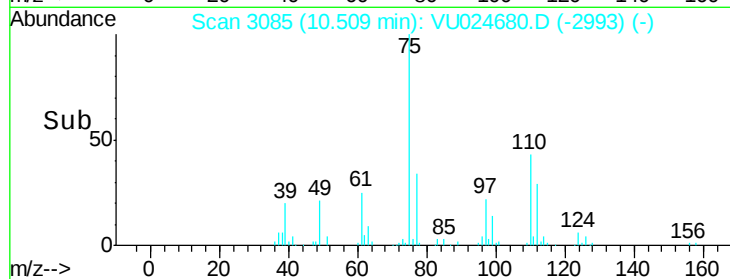
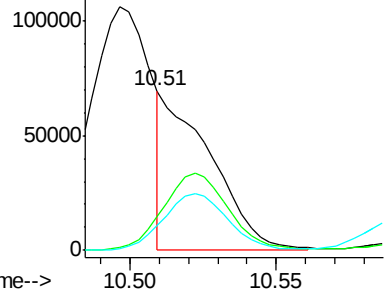
Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

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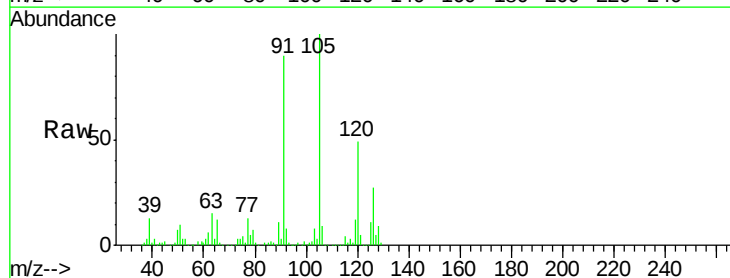


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

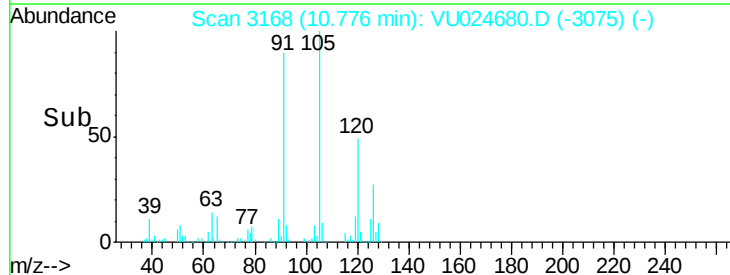
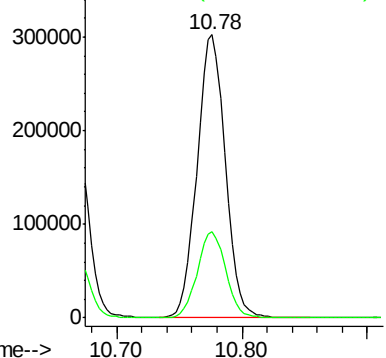


#82
4-Chlorotoluene
Concen: 49.89 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	14.9	44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V





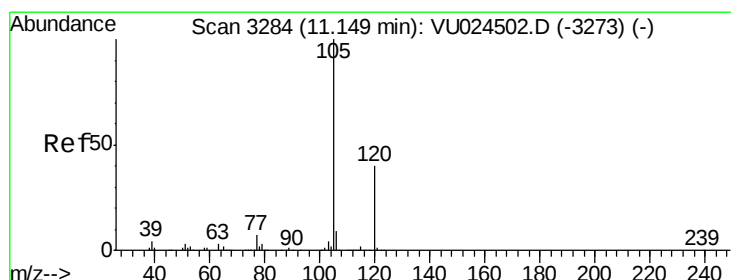
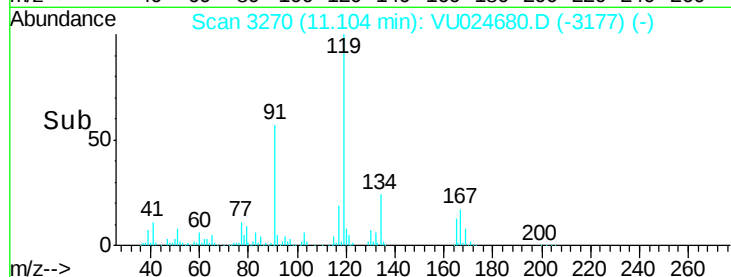
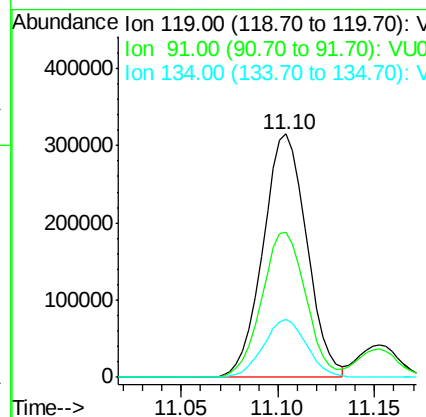
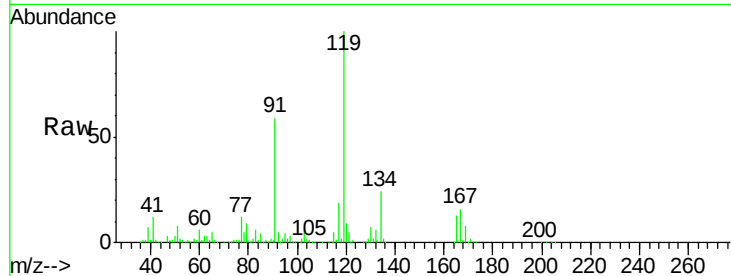
#83
tert-Butylbenzene
Concen: 50.98 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	495233		
91	60.1	29.7	89.1	
134	23.5	11.6	34.7	

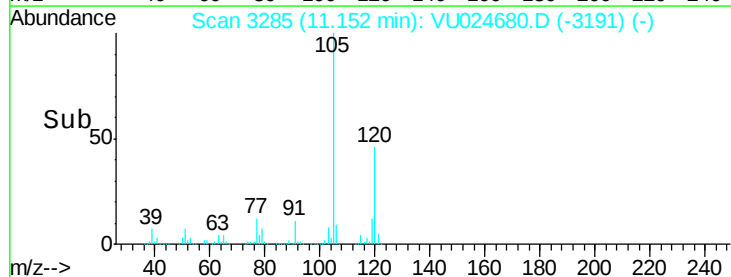
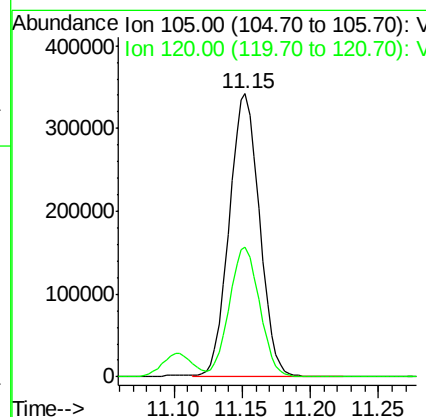
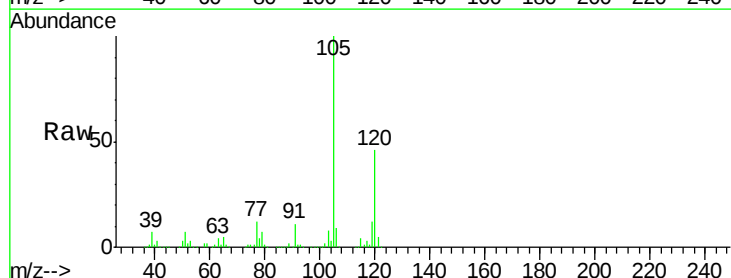
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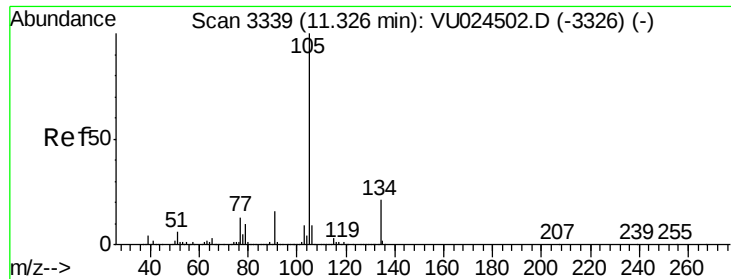
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#84
1,2,4-Trimethylbenzene
Concen: 51.25 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	527391		
120	46.1	22.6	67.8	





#85

sec-Butylbenzene

Concen: 51.40 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 624984

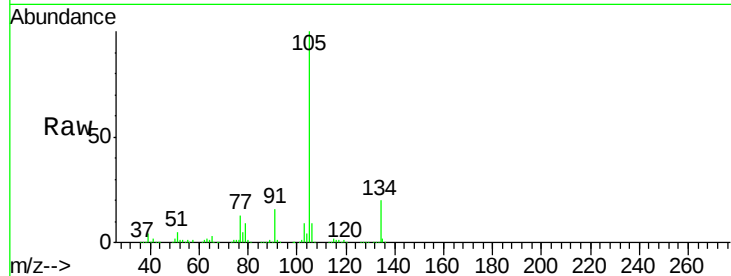
Ion Ratio Lower Upper

105 100

134 20.6 9.7 29.1

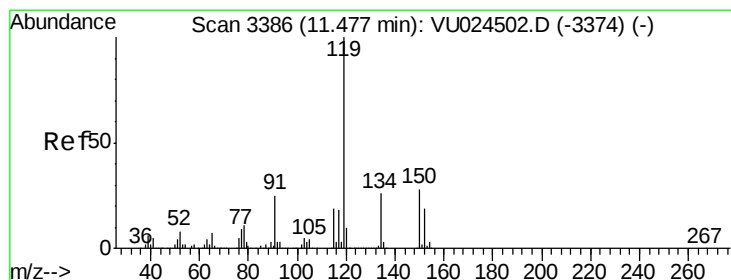
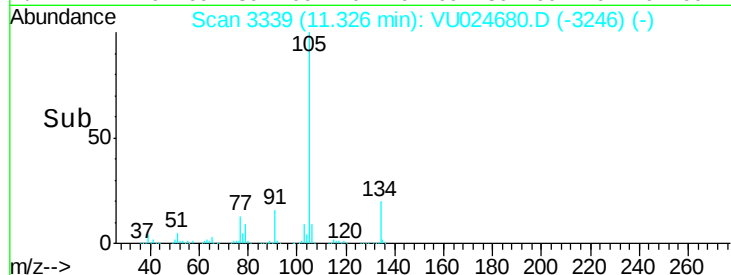
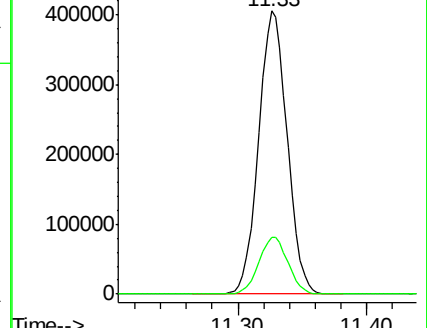
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.20 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

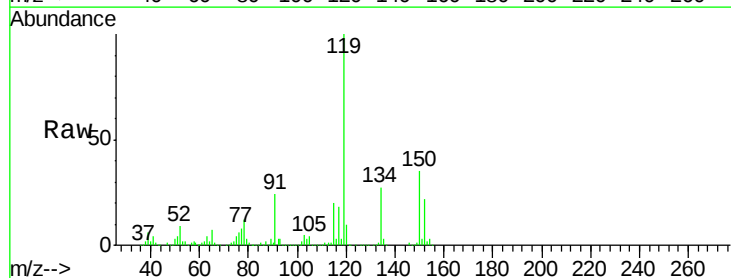
Tgt Ion:119 Resp: 557512

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

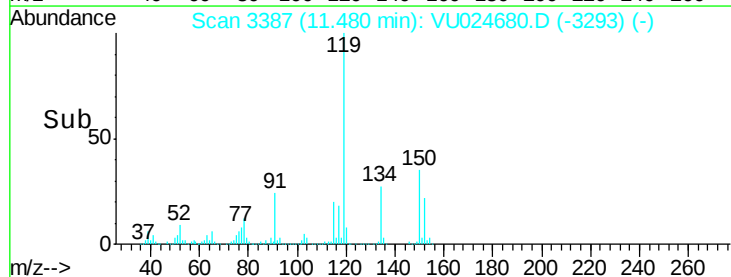
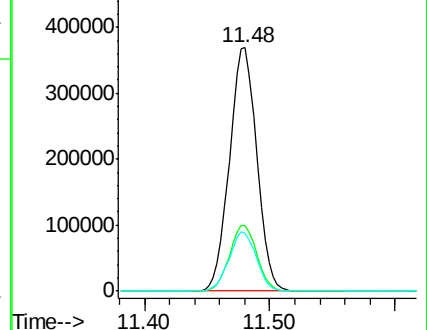
91 24.3 12.0 36.1



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





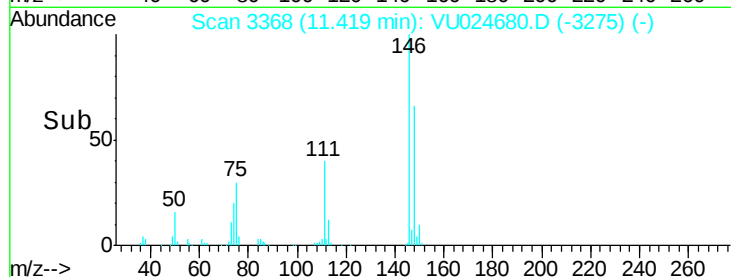
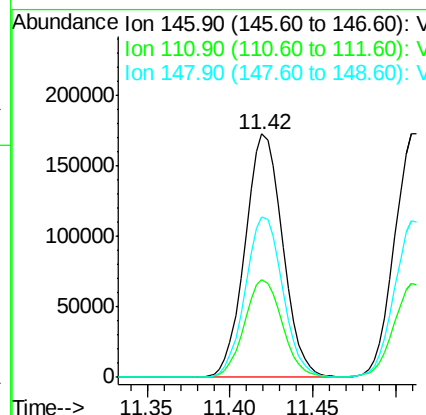
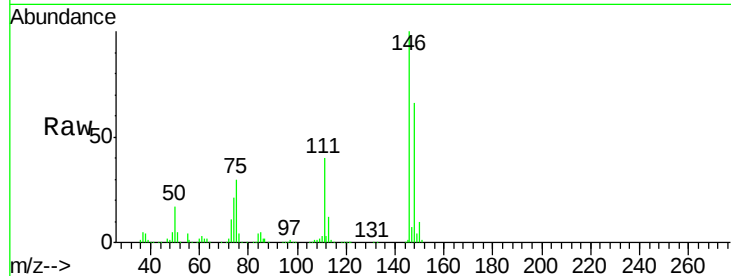
#87
 1,3-Dichlorobenzene
 Concen: 50.23 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	65.6	32.1	96.5

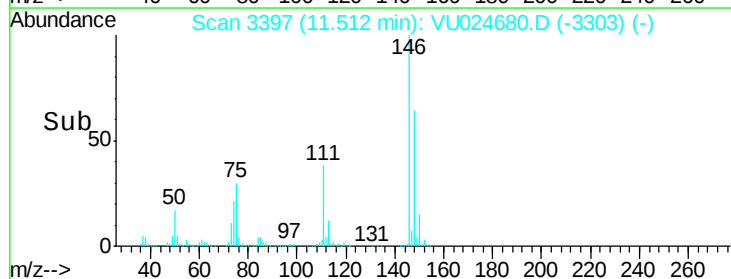
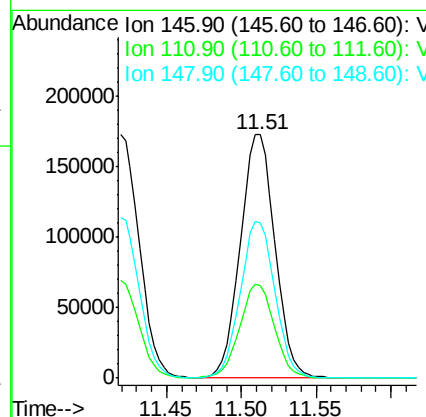
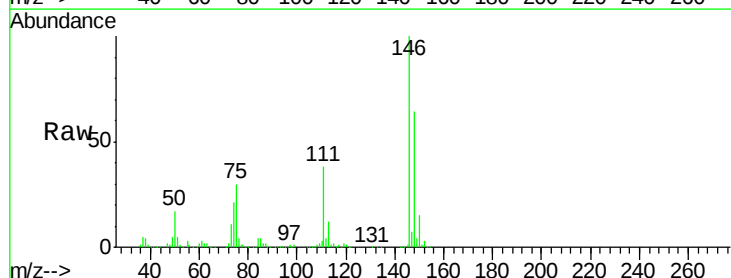
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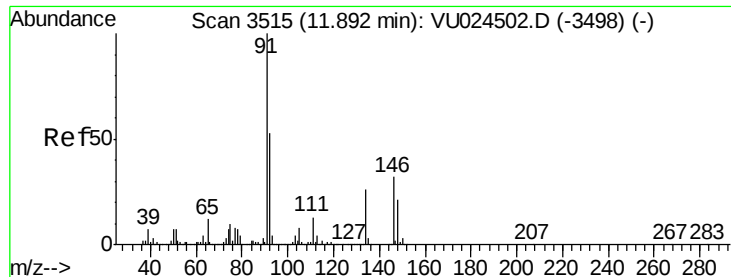
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#88
 1,4-Dichlorobenzene
 Concen: 50.77 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	64.6	32.4	97.0





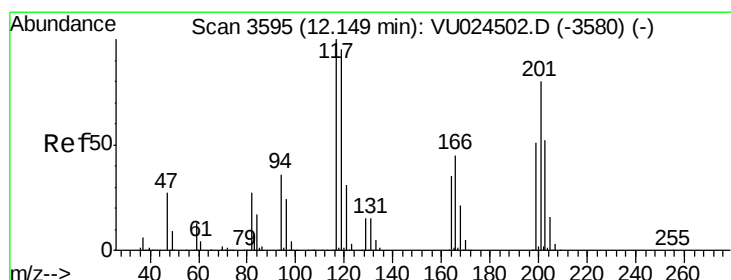
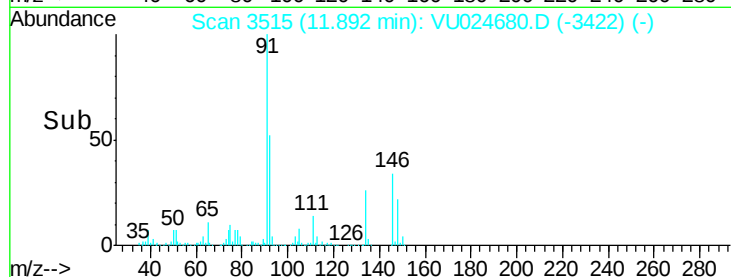
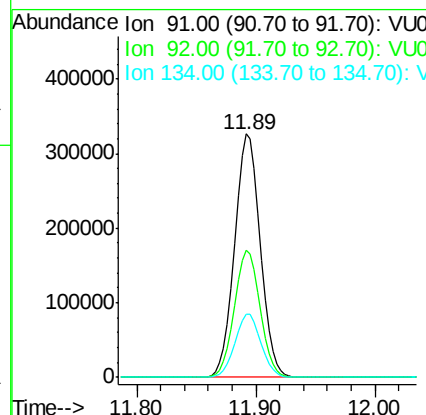
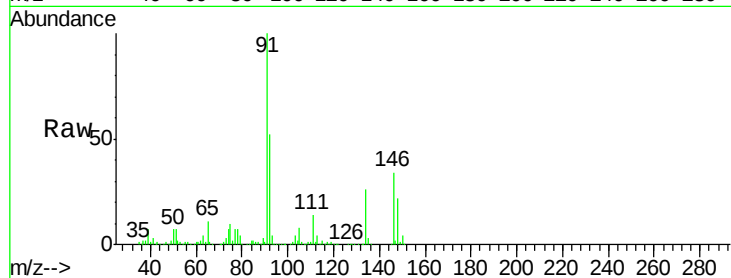
#89
n-Butylbenzene
Concen: 50.41 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.6	76.8
134	26.3	12.3	36.8

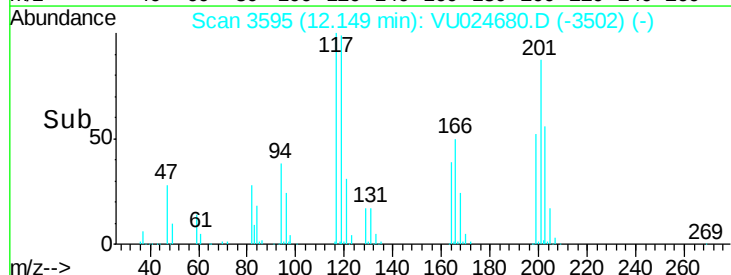
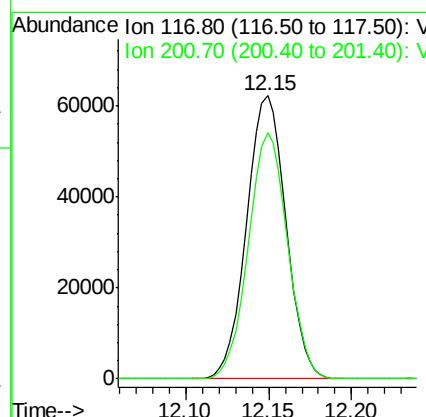
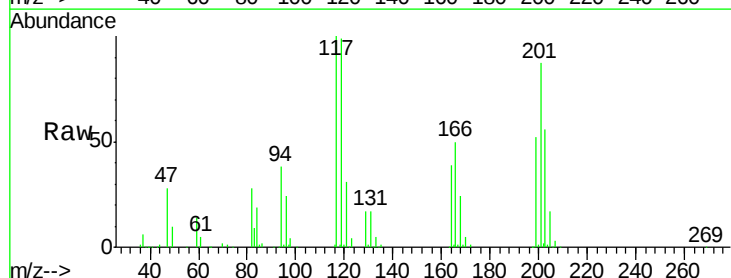
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#90
Hexachloroethane
Concen: 48.43 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024680.D
Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.1	41.1	123.3





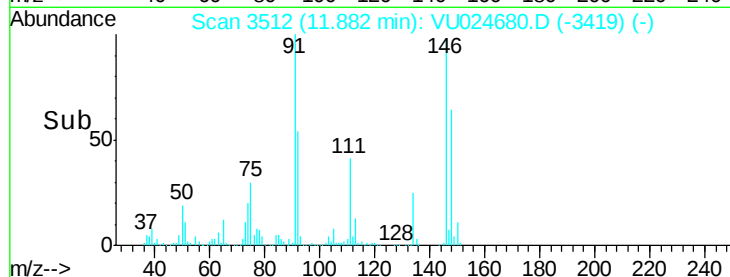
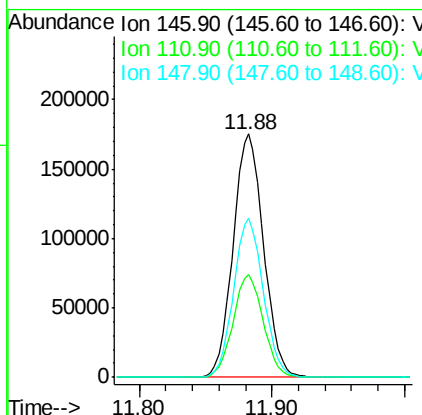
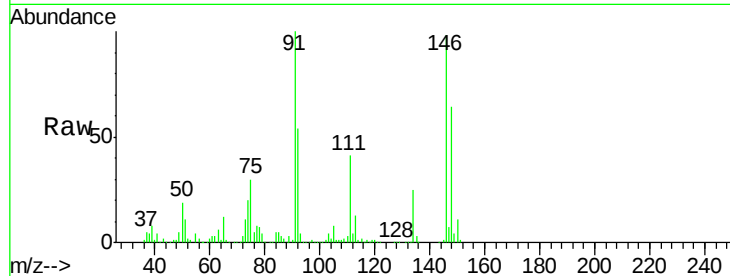
#91
 1,2-Dichlorobenzene
 Concen: 51.17 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	279267		
111	41.8	20.5	61.6	
148	64.0	31.9	95.7	

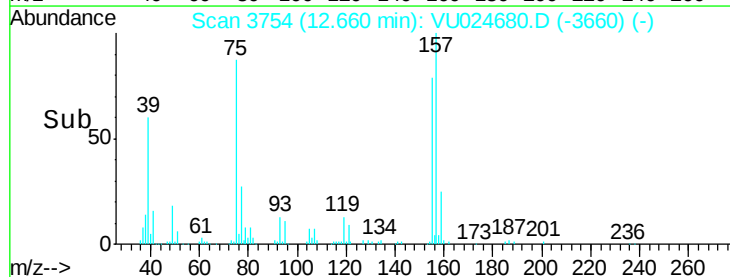
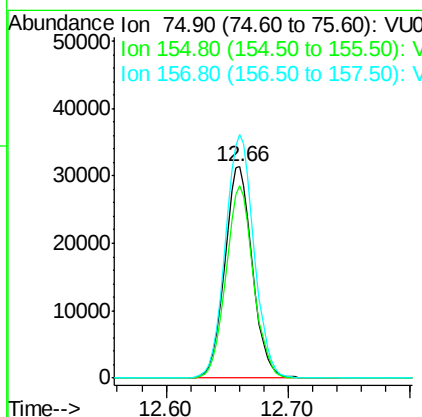
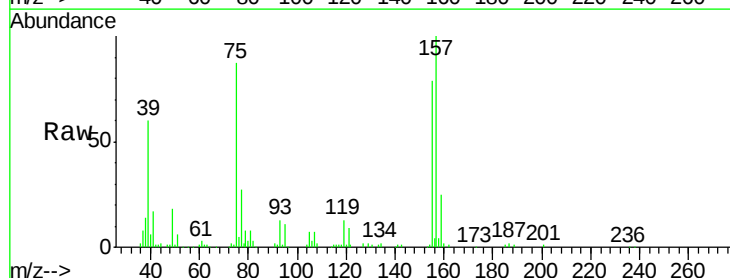
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.32 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49895		
155	89.8	40.4	121.2	
157	118.9	52.3	156.8	





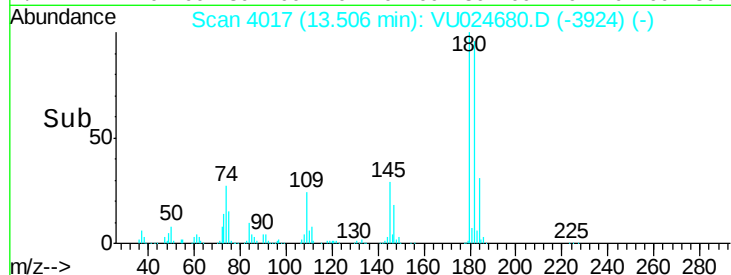
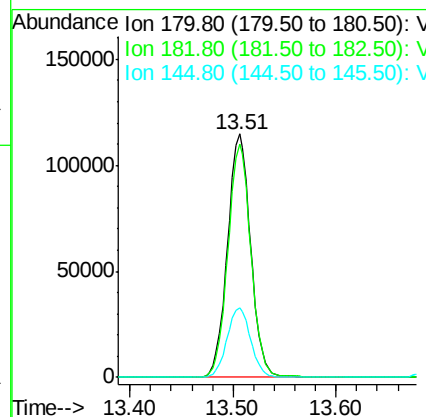
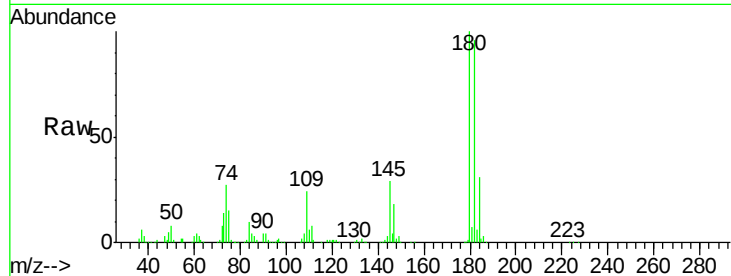
#93
 1,2,4-Trichlorobenzene
 Concen: 53.25 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	179479		
182	95.1	48.0	144.2	
145	29.2	14.7	44.1	

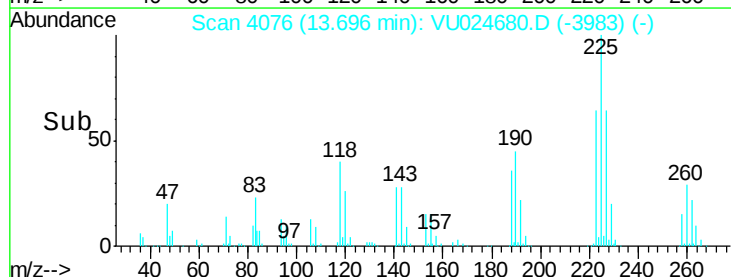
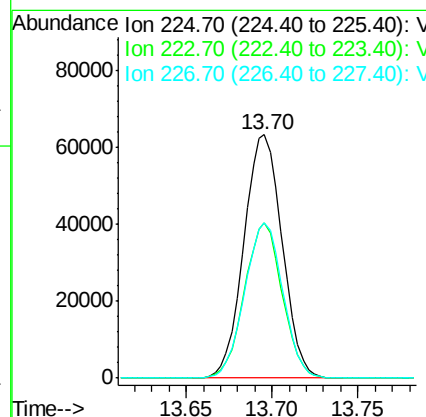
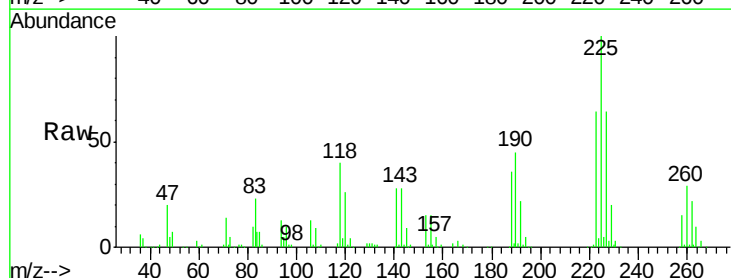
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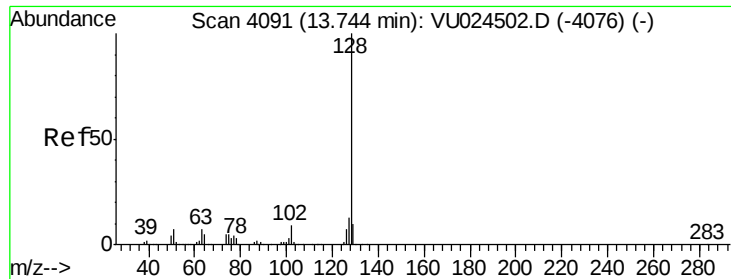
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#94
 Hexachlorobutadiene
 Concen: 51.77 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024680.D
 Acq: 18 Jun 2018 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98209		
223	62.7	31.3	93.8	
227	63.6	31.8	95.4	





#95

Naphthalene

Concen: 47.04 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Instrument :

MSVOA_U

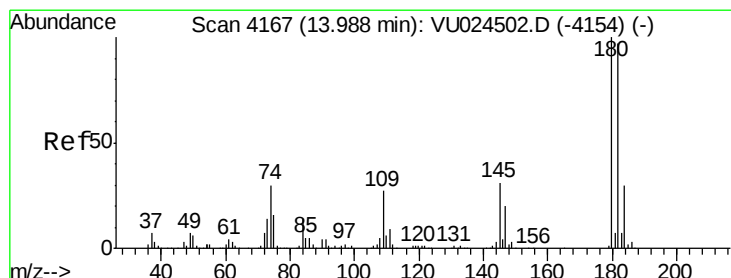
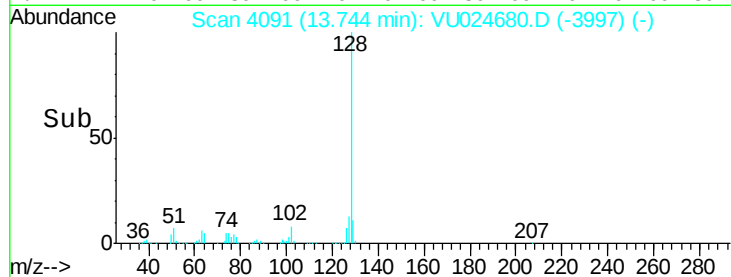
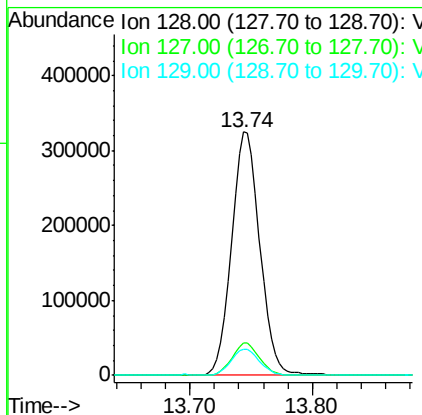
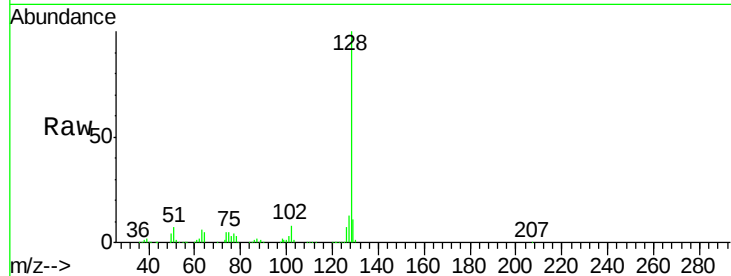
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	524361
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 53.97 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024680.D

Acq: 18 Jun 2018 10:13

Tgt Ion:	180	Resp:	181270
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.9	143.7
145	31.5	15.4	46.1

