

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025183.D
 Acq On : 03 Jul 2018 11:37
 Operator : MD/SY
 Sample : VU0703WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Manual Integrations
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sam
 7/5/2018 2:30:02 PM

Quant Time: Jul 04 05:14:48 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	171250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	255915	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	238058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	138694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	135371	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	4.89	113	112414	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	7.57	98	349093	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
62) 4-Bromofluorobenzene	10.31	95	149926	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36565	17.058	ug/l	99
3) Chloromethane	1.33	50	39080	17.845	ug/l	99
4) Vinyl Chloride	1.40	62	43038	19.057	ug/l	99
5) Bromomethane	1.62	94	26062	23.872	ug/l	100
6) Chloroethane	1.69	64	27235	20.969	ug/l	100
7) Trichlorofluoromethane	1.89	101	70517	20.460	ug/l	98
8) Diethyl Ether	2.10	74	27000	21.964	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42933	20.079	ug/l	98
10) Methyl Iodide	2.41	142	36323	23.238	ug/l	96
11) Tert butyl alcohol	2.82	59	76537	112.565	ug/l	98
12) 1,1-Dichloroethene	2.28	96	40285	20.660	ug/l	97
13) Acrolein	2.19	56	13482	37.759	ug/l	96
14) Allyl chloride	2.59	41	66408	18.342	ug/l	99
15) Acrylonitrile	2.93	53	141238	106.764	ug/l	98
16) Acetone	2.32	43	162912	108.455	ug/l	99
17) Carbon Disulfide	2.48	76	101668	16.283	ug/l	99
18) Methyl Acetate	2.62	43	84911	26.368	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	154864	21.128	ug/l	97
20) Methylene Chloride	2.70	84	48924	20.757	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	42502	19.790	ug/l	96
22) Diisopropyl ether	3.57	45	147626	20.569	ug/l	91
23) Vinyl Acetate	3.53	43	617261	96.009	ug/l	98
24) 1,1-Dichloroethane	3.45	63	83914	20.324	ug/l	98
25) 2-Butanone	4.26	43	217193	107.644	ug/l	96
26) 2,2-Dichloropropane	4.23	77	78633	20.057	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	52451	21.243	ug/l	96
28) Bromochloromethane	4.55	49	34807	19.140	ug/l	# 82
29) Tetrahydrofuran	4.64	42	129648	103.761	ug/l	94
30) Chloroform	4.68	83	89421	21.398	ug/l	97
31) Cyclohexane	5.00	56	77500	19.951	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	80982	20.956	ug/l	96
36) 1,1-Dichloropropene	5.14	75	61131	20.328	ug/l	96
37) Ethyl Acetate	4.38	43	73535	22.435	ug/l	98
38) Carbon Tetrachloride	5.14	117	70256	21.245	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	6.42	83	76289	20.329	ug/l	94
40) Benzene	5.39	78	181726	21.208	ug/l	100
41) Methacrylonitrile	4.54	41	41021	23.213	ug/l	98
42) 1,2-Dichloroethane	5.41	62	76854	23.549	ug/l	100
43) Isopropyl Acetate	5.55	43	117746	20.783	ug/l	99
44) Trichloroethene	6.19	130	50593	20.746	ug/l	100
45) 1,2-Dichloropropane	6.44	63	49336	21.578	ug/l	99
46) Dibromomethane	6.56	93	35727	22.246	ug/l	96
47) Bromodichloromethane	6.76	83	66986	20.946	ug/l	97
48) Methyl methacrylate	6.63	41	60807	22.041	ug/l	99
49) 1,4-Dioxane	6.62	88	29227	541.729	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	389734	109.495	ug/l	99
52) Toluene	7.64	92	117166	21.253	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	72533	20.197	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	76393	19.963	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	48824	21.787	ug/l	98
56) Ethyl methacrylate	8.02	69	76421	20.375	ug/l	98
57) 1,3-Dichloropropane	8.25	76	82493	21.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	136177	94.769	ug/l	95
59) 2-Hexanone	8.36	43	314525	108.237	ug/l	100
60) Dibromochloromethane	8.48	129	53436	19.122	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54195	21.728	ug/l	98
64) Tetrachloroethene	8.23	164	48941	21.628	ug/l	98
65) Chlorobenzene	9.12	112	134485	22.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	50667	21.929	ug/l	97
67) Ethyl Benzene	9.25	91	230921	21.660	ug/l	97
68) m/p-Xylenes	9.38	106	180993	44.210	ug/l	96
69) o-Xylene	9.78	106	89197	22.015	ug/l	96
70) Styrene	9.80	104	137893	20.710	ug/l	99
71) Bromoform	9.96	173	41536	18.913	ug/l #	97
73) Isopropylbenzene	10.17	105	240607	22.596	ug/l	100
74) N-amyl acetate	10.01	43	98438	19.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	81231	22.765	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	70936m	23.231	ug/l	
77) Bromobenzene	10.45	156	61020	22.635	ug/l	94
78) n-propylbenzene	10.59	91	263802	21.031	ug/l	98
79) 2-Chlorotoluene	10.66	91	165079	22.316	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	202287	21.918	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	24361m	18.464	ug/l	
82) 4-Chlorotoluene	10.78	91	182373	21.182	ug/l	99
83) tert-Butylbenzene	11.10	119	204350	23.018	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	208073	22.122	ug/l	99
85) sec-Butylbenzene	11.33	105	237366	21.359	ug/l	98
86) p-Isopropyltoluene	11.48	119	208257	20.924	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	105970	21.277	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	106520	21.249	ug/l	98
89) n-Butylbenzene	11.89	91	161795	18.310	ug/l	97
90) Hexachloroethane	12.15	117	35164	18.111	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	110374	22.125	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19982	20.295	ug/l	94

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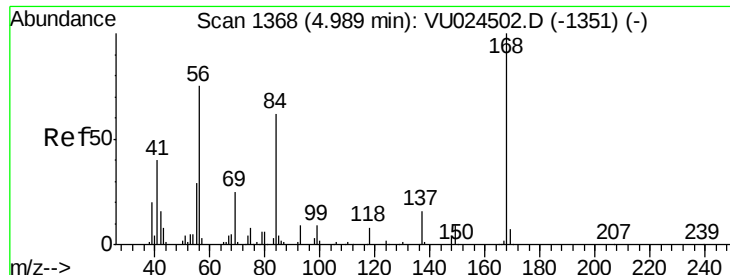
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	64828	21.044	ug/l	99
94) Hexachlorobutadiene	13.70	225	36914	21.290	ug/l	97
95) Naphthalene	13.75	128	217581	21.725	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	67449	21.973	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion:168 Resp: 171250

Ion Ratio Lower Upper

168 100

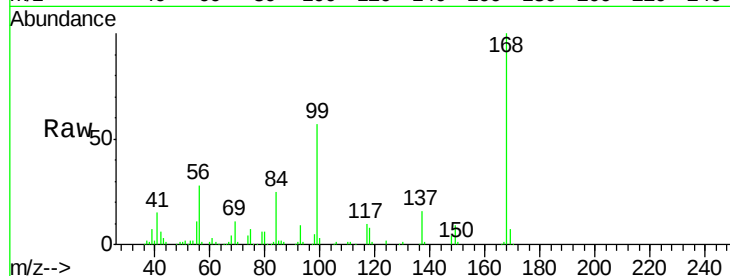
99 56.7 43.2 64.8

Manual Integrations

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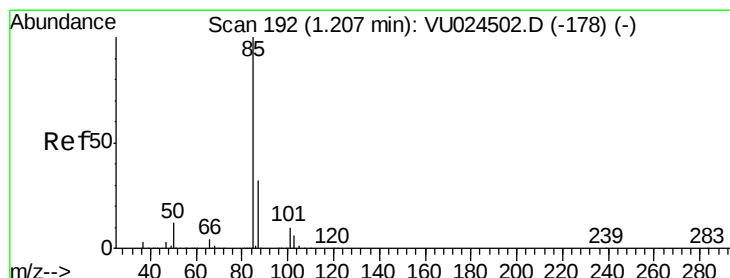
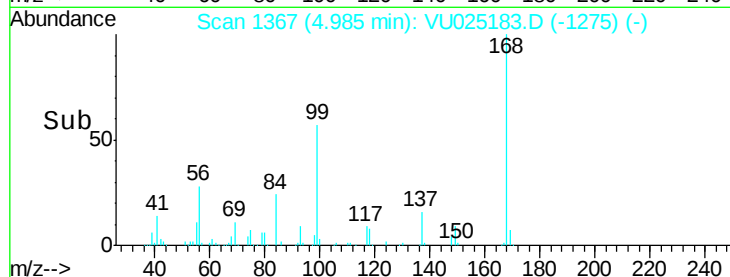
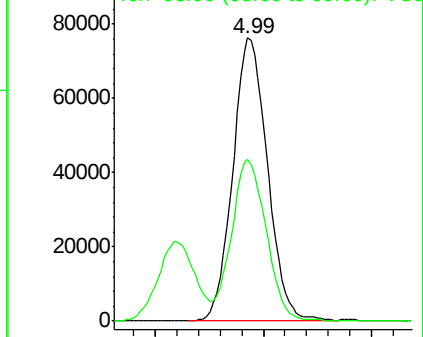
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 17.058 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025183.D

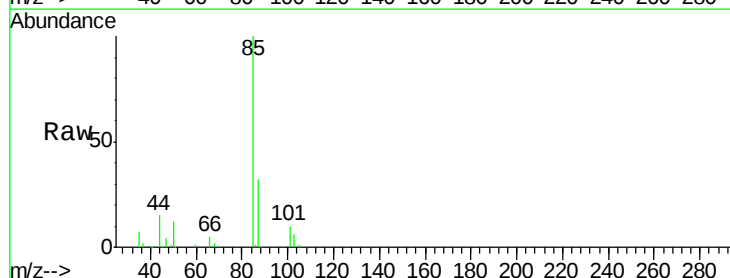
Acq: 03 Jul 2018 11:37

Tgt Ion: 85 Resp: 36565

Ion Ratio Lower Upper

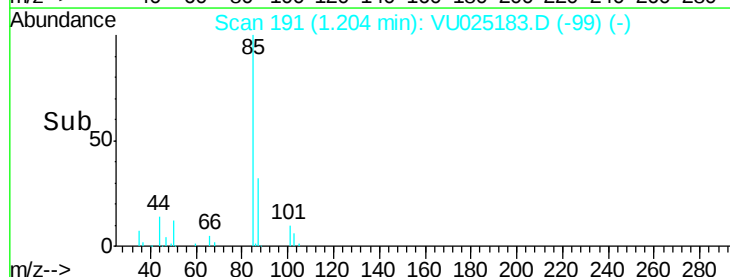
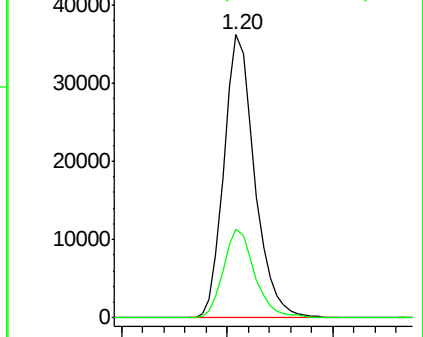
85 100

87 31.5 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: 17.845 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion: 50 Resp: 39080

Ion Ratio Lower Upper

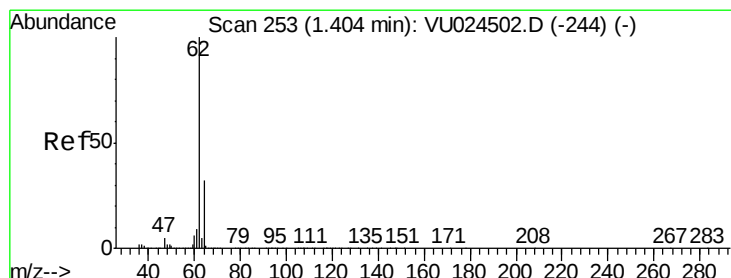
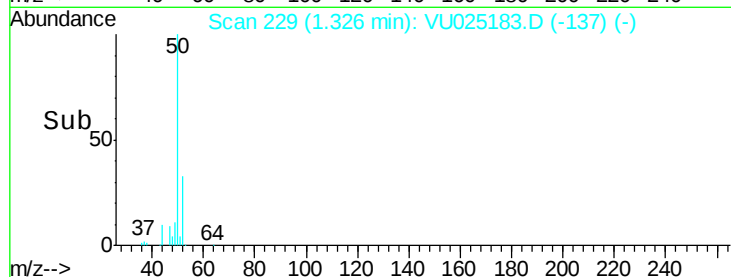
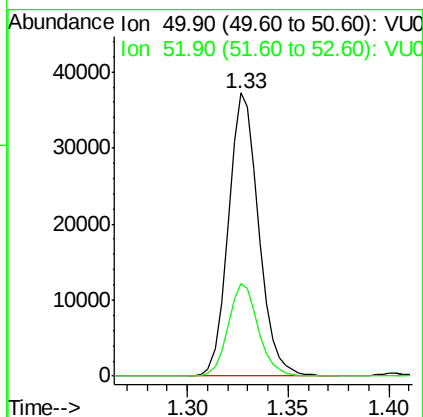
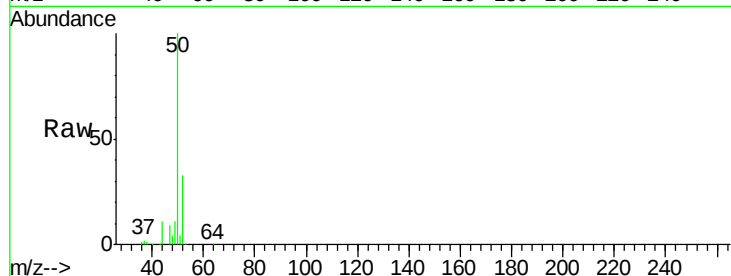
50 100

52 32.6 26.4 39.6

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#4

Vinyl Chloride

Concen: 19.057 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025183.D

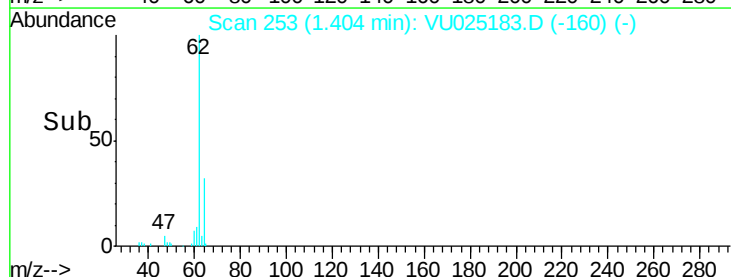
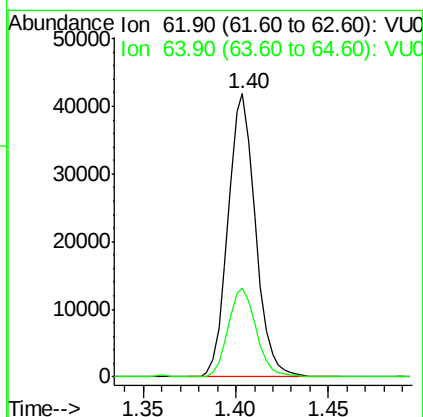
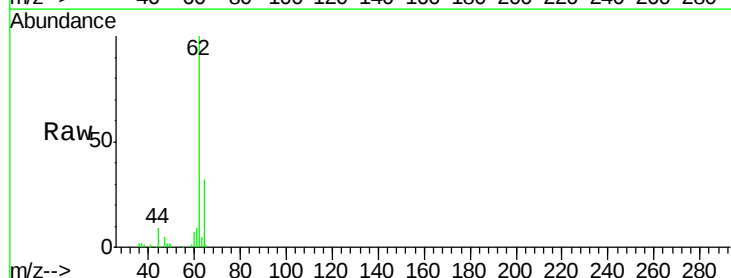
Acq: 03 Jul 2018 11:37

Tgt Ion: 62 Resp: 43038

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 23.872 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion: 94 Resp: 26062

Ion Ratio Lower Upper

94 100

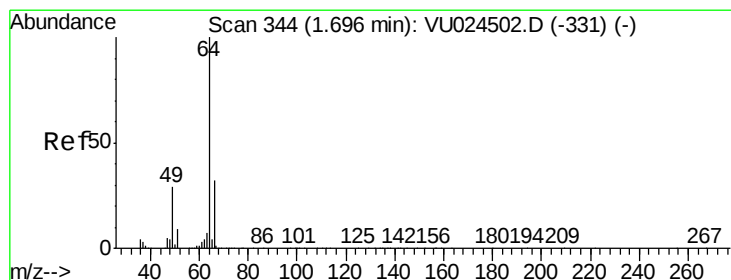
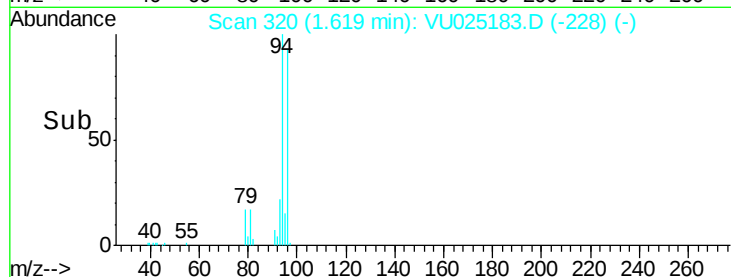
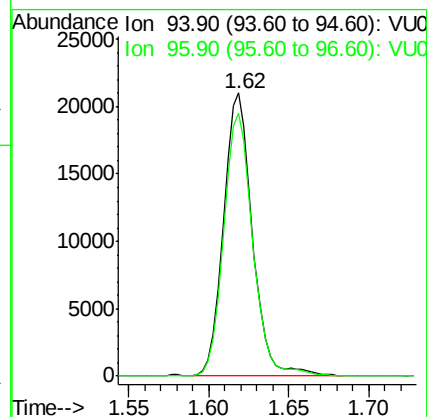
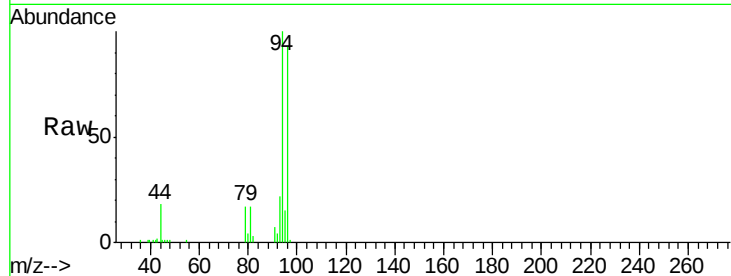
96 92.8 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 20.969 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025183.D

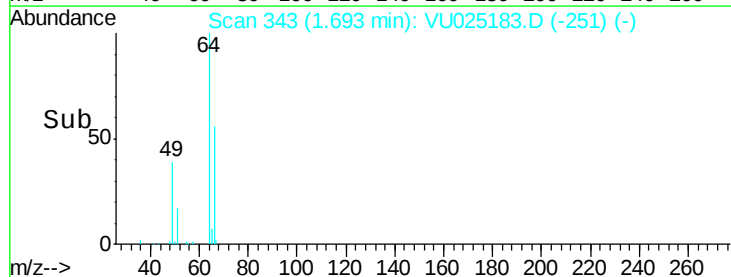
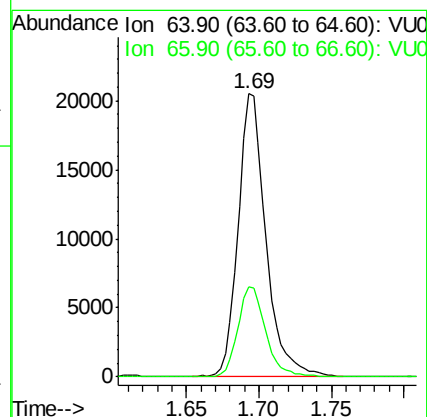
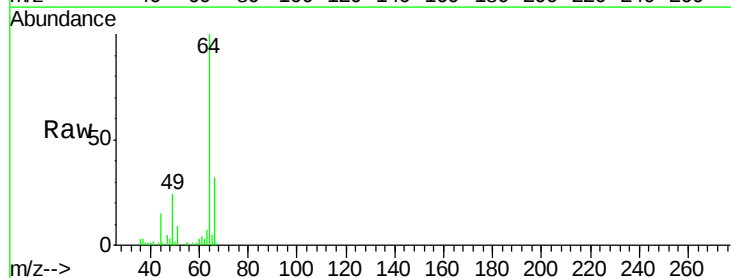
Acq: 03 Jul 2018 11:37

Tgt Ion: 64 Resp: 27235

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

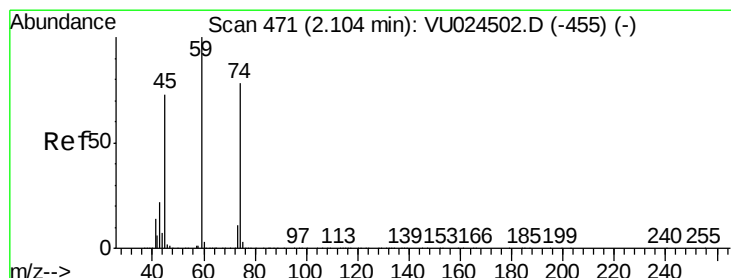
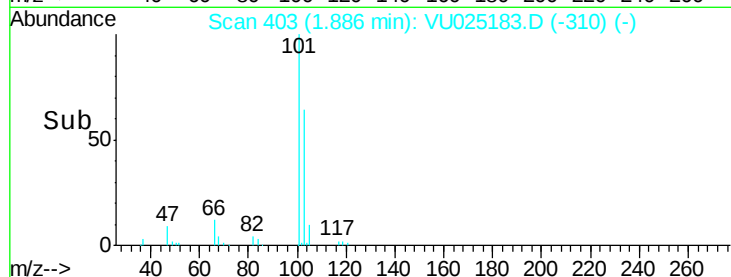
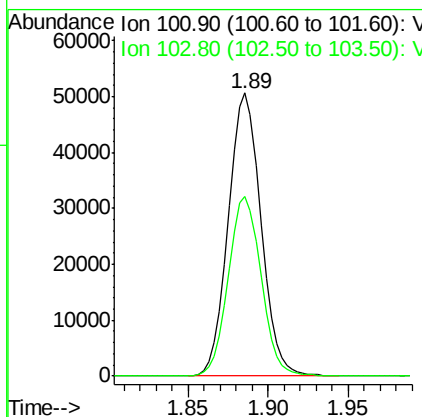
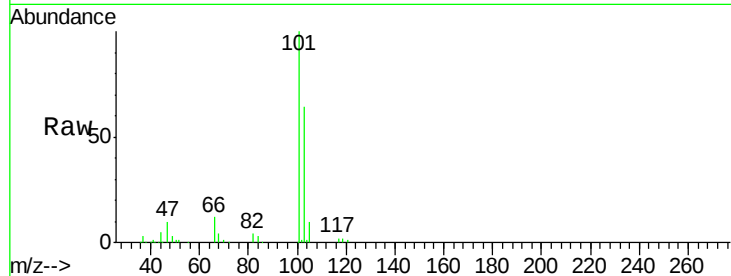
Trichlorofluoromethane
Concen: 20.460 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025183.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.3	78.5

Manual Integrations
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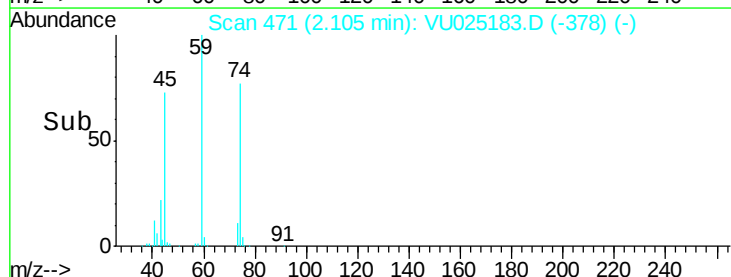
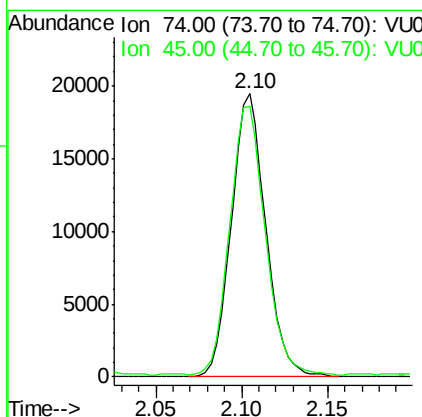
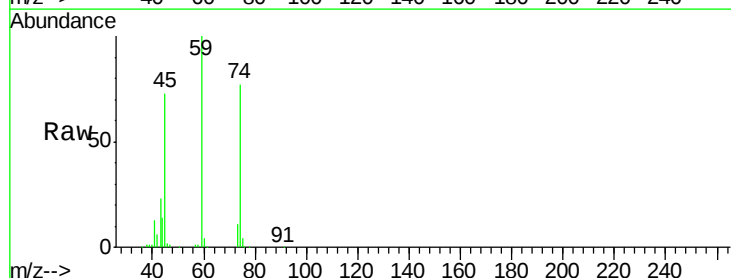
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#8

Diethyl Ether
Concen: 21.964 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.079 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

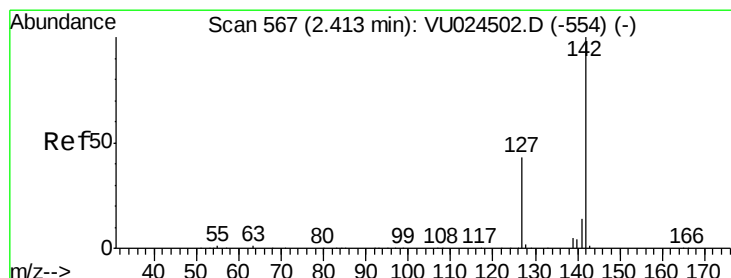
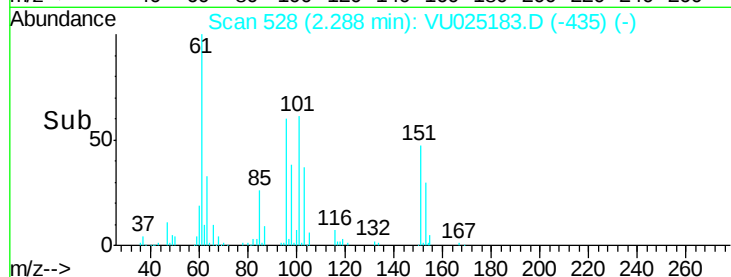
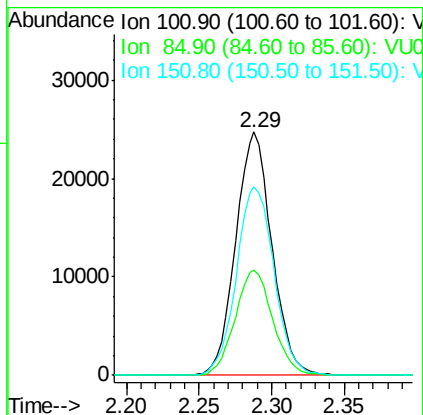
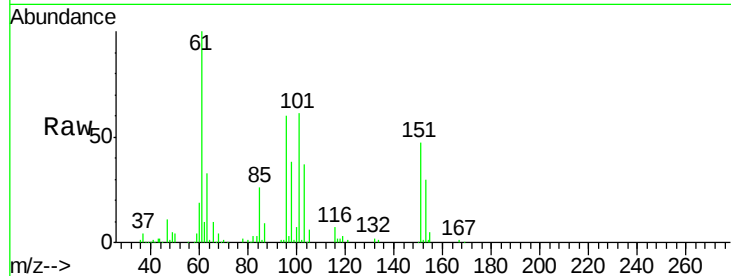
ClientSampleId :

VU0703WBS01

Tot Ion:	101	Resp:	42933
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	80.9	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 23.238 ug/l

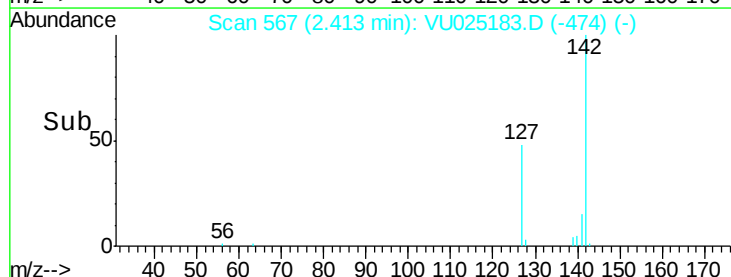
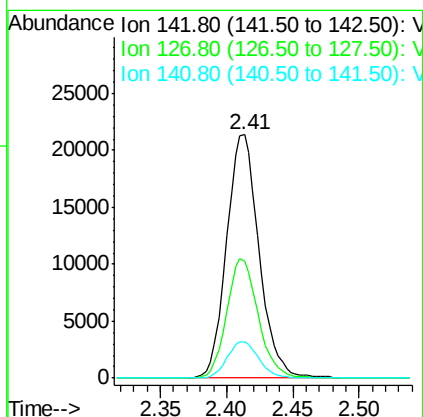
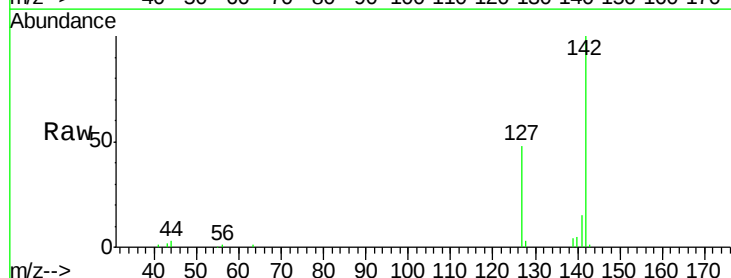
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion:	142	Resp:	36323
Ion Ratio	Lower	Upper	
142	100		
127	47.7	35.6	53.4
141	14.4	11.7	17.5





#11

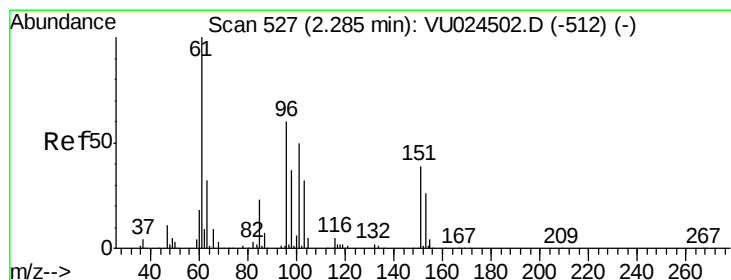
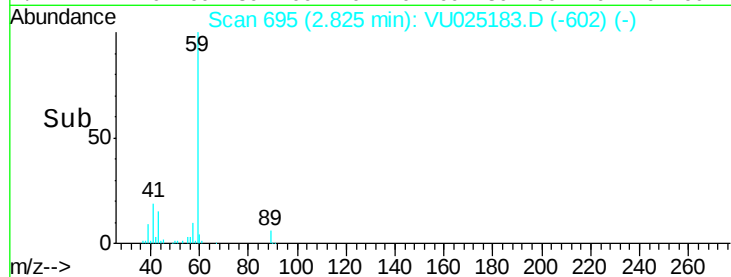
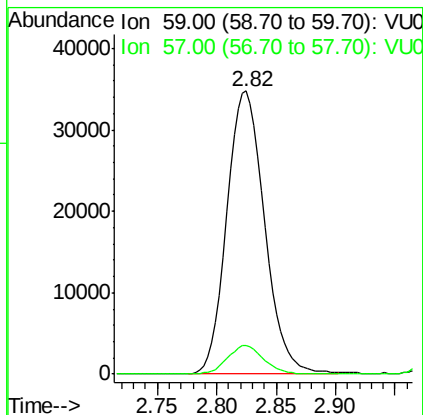
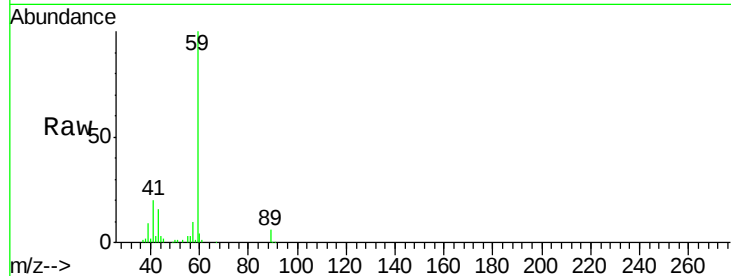
Tert butyl alcohol
Concen: 112.565 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.5	12.7

Manual Integrations
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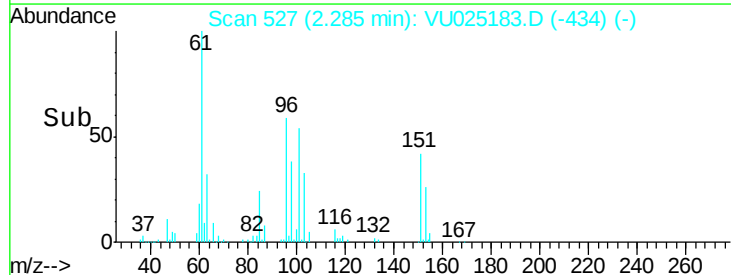
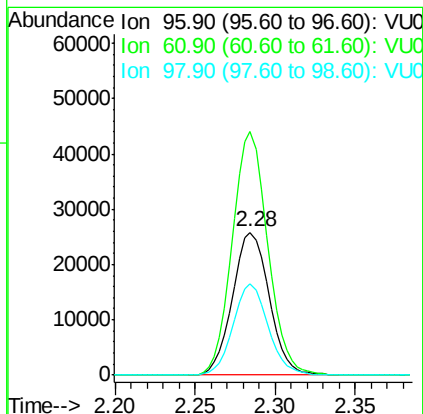
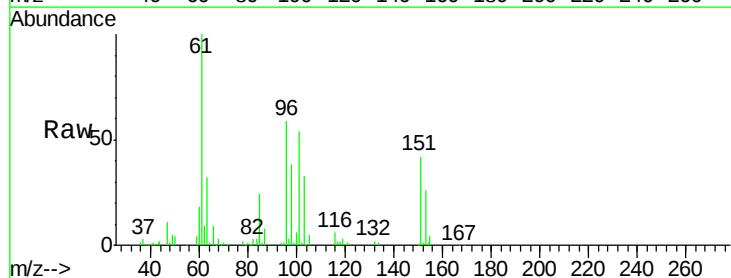
sam
7/5/2018 2:30:02 PM



#12

1,1-Dichloroethene
Concen: 20.660 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.7	141.7	212.5
98	64.3	51.6	77.4





#13

Acrolein

Concen: 37.759 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion: 56 Resp: 13482

Ion Ratio Lower Upper

56 100

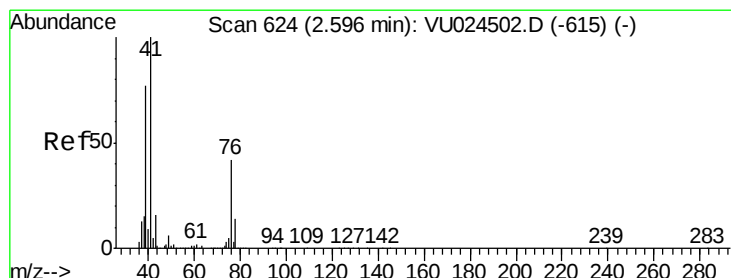
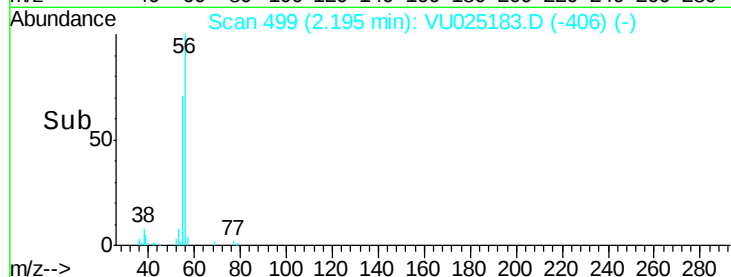
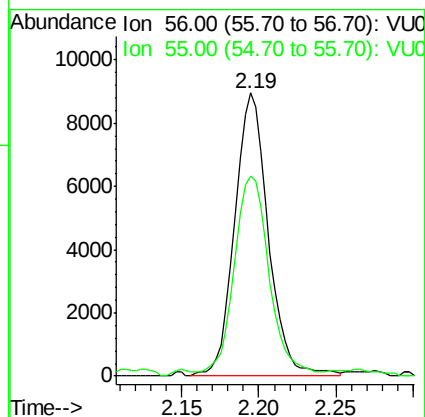
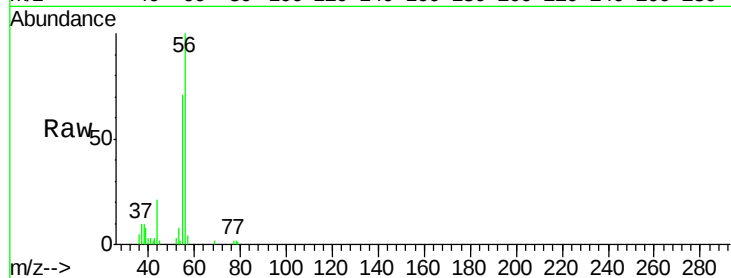
55 69.4 58.4 87.6

Manual Integrations

APPROVED

sam

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#14

Allyl chloride

Concen: 18.342 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

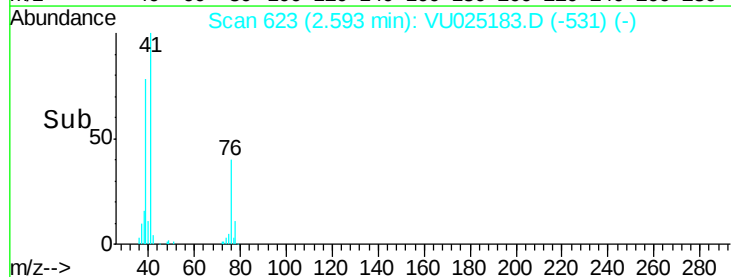
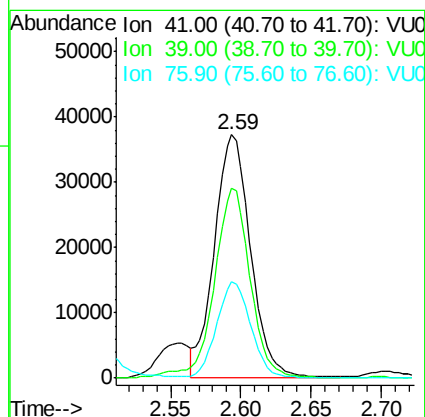
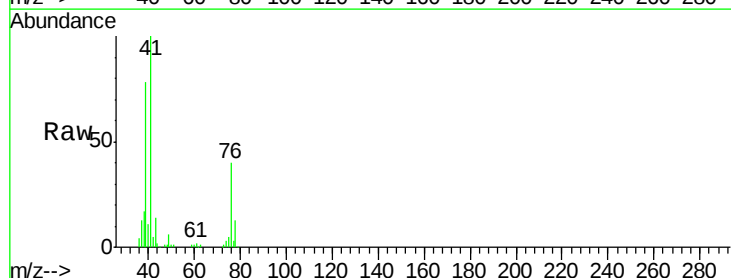
Tgt Ion: 41 Resp: 66408

Ion Ratio Lower Upper

41 100

39 77.8 61.6 92.4

76 37.4 29.7 44.5





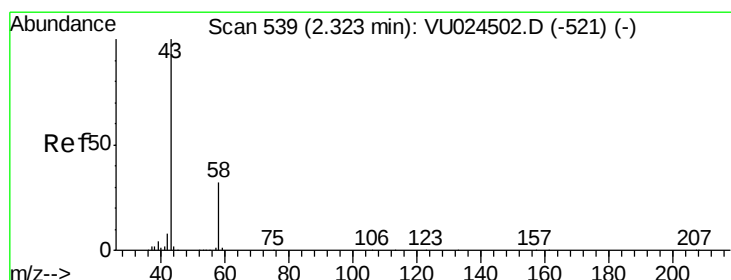
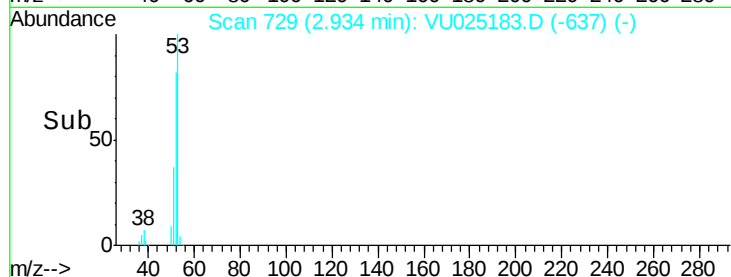
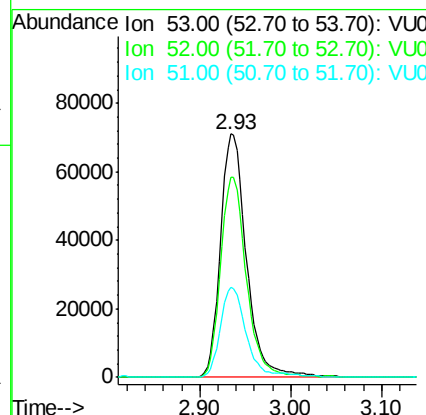
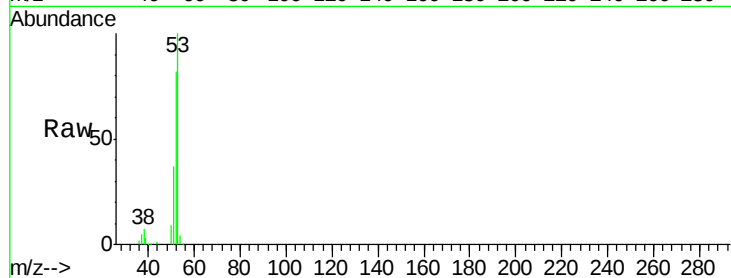
#15
 Acrylonitrile
 Concen: 106.764 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.1	100.7
51	36.0	28.4	42.6

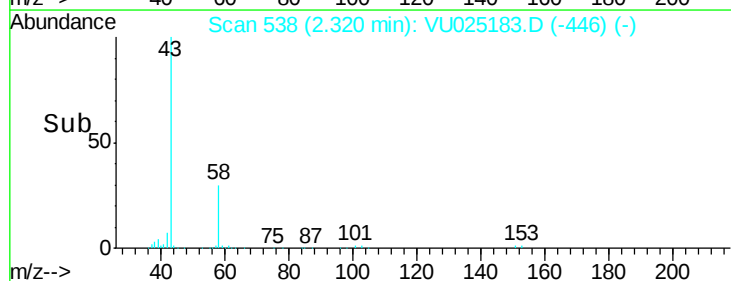
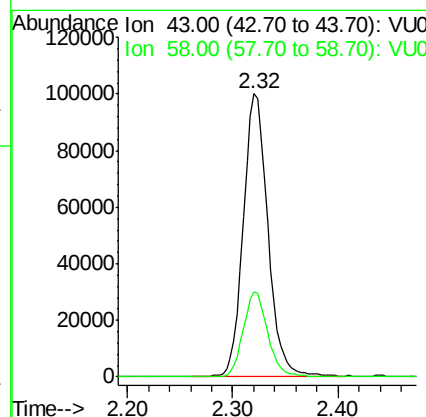
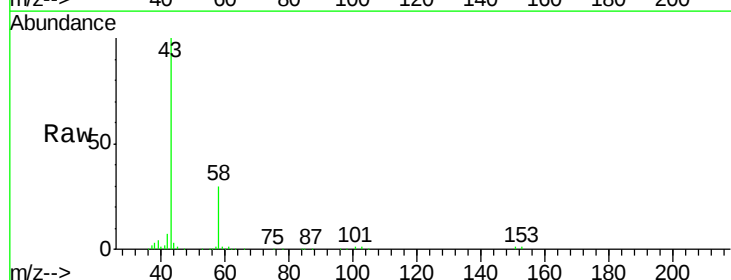
Manual Integrations
 APPROVED

sam
 7/5/2018 2:30:02 PM



#16
 Acetone
 Concen: 108.455 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.4	36.6





#17

Carbon Disulfide

Concen: 16.283 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion: 76 Resp: 101668

Ion Ratio Lower Upper

76 100

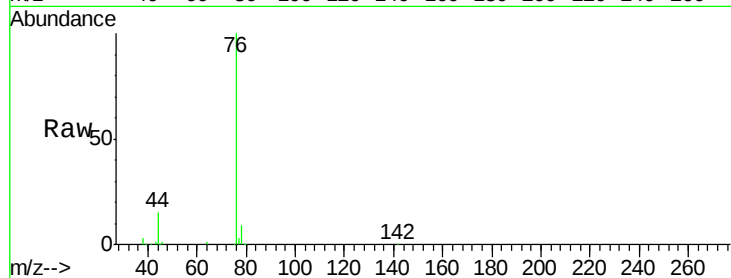
78 9.4 7.1 10.7

Manual Integrations

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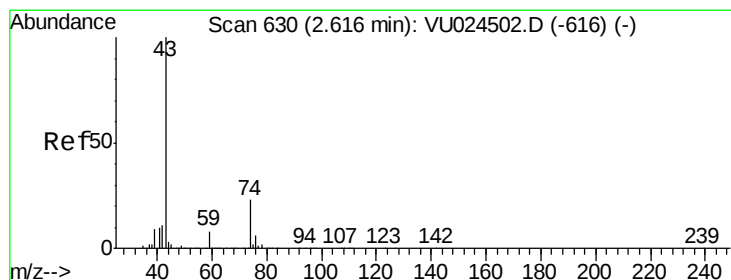
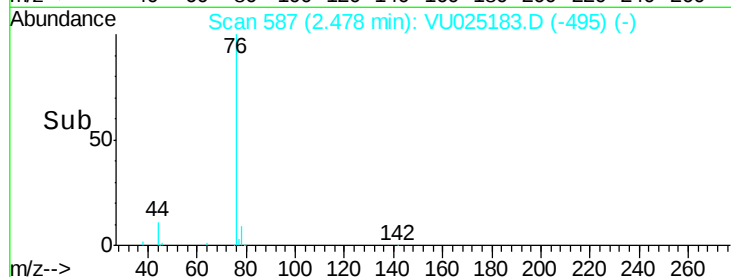
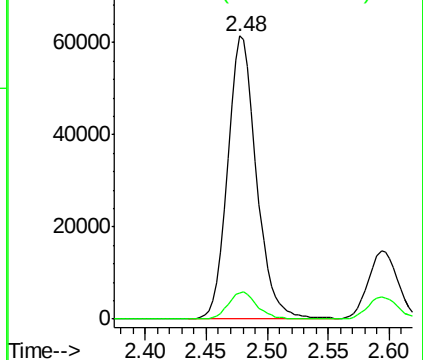
sam

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 26.368 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025183.D

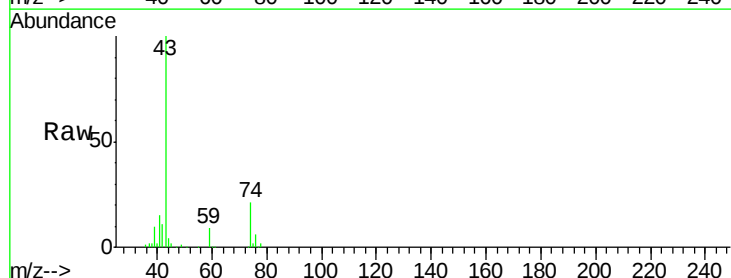
Acq: 03 Jul 2018 11:37

Tgt Ion: 43 Resp: 84911

Ion Ratio Lower Upper

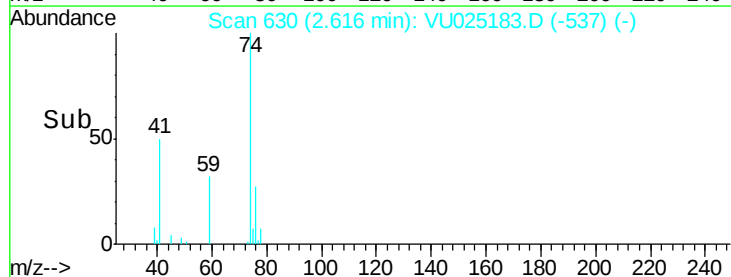
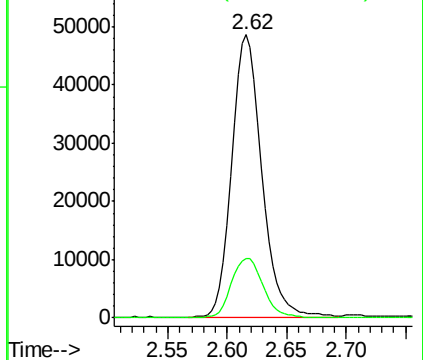
43 100

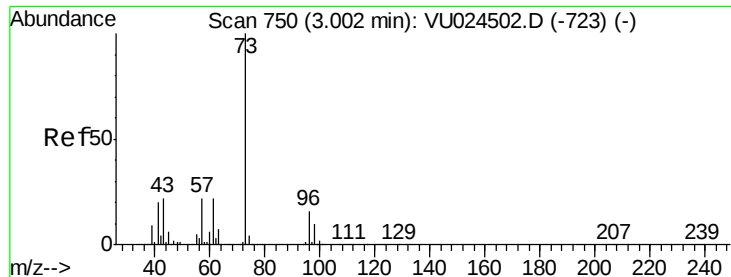
74 22.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





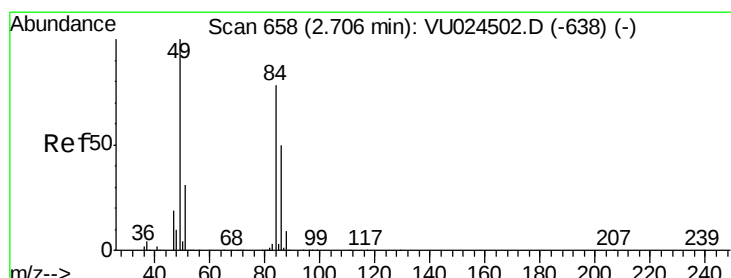
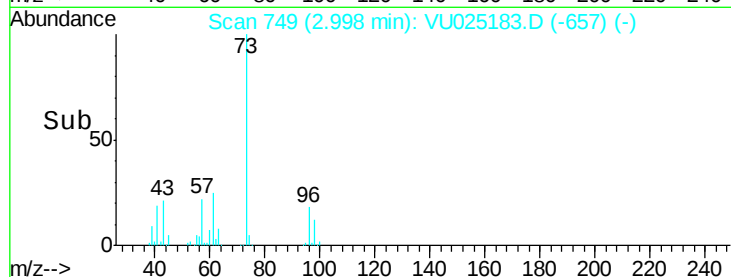
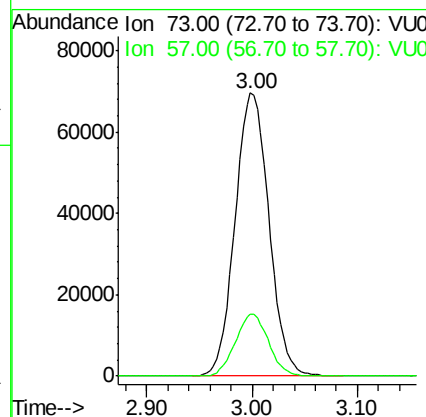
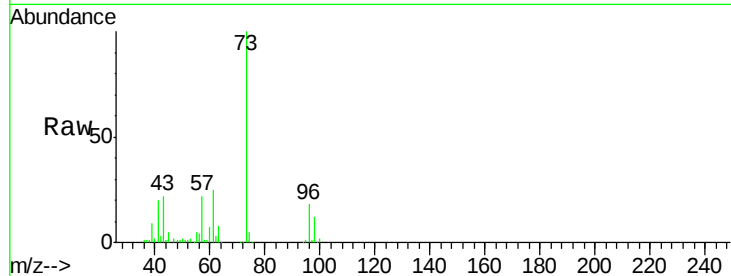
#19
Methyl tert-butyl Ether
Concen: 21.128 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.8	28.2

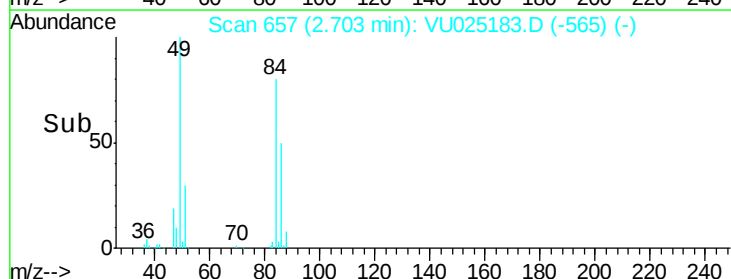
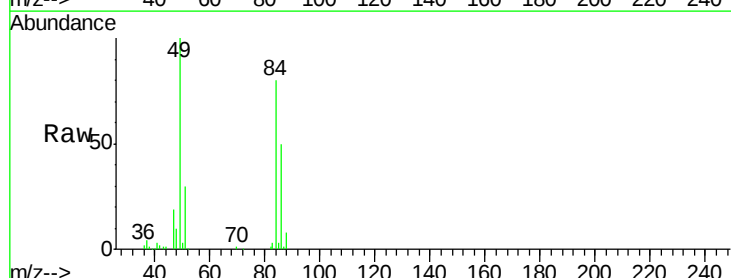
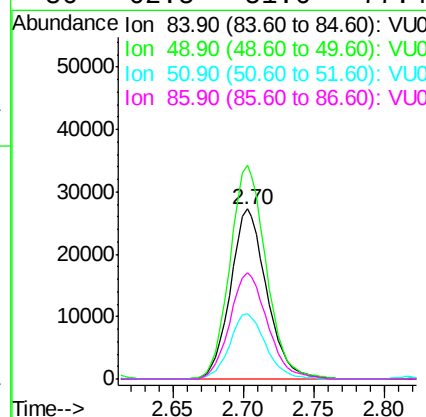
Manual Integrations
APPROVED

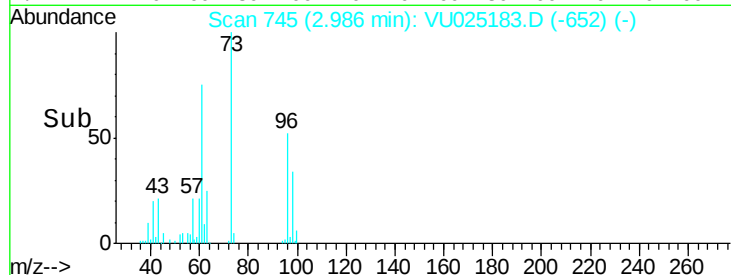
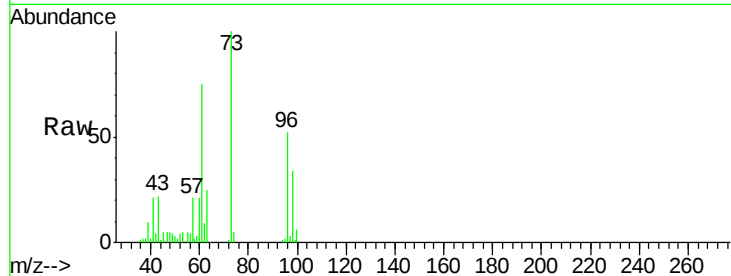
Sam
7/5/2018 2:30:02 PM



#20
Methylene Chloride
Concen: 20.757 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.7	103.8	155.8
51	38.1	32.0	48.0
86	62.5	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.790 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025183.D

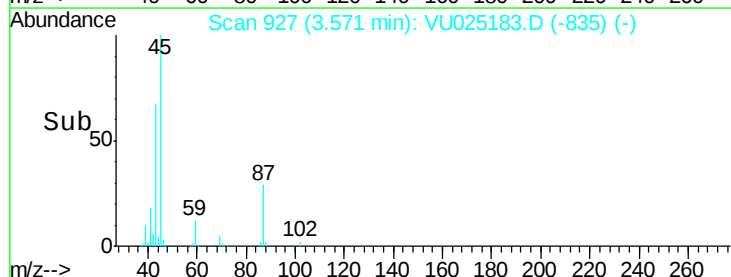
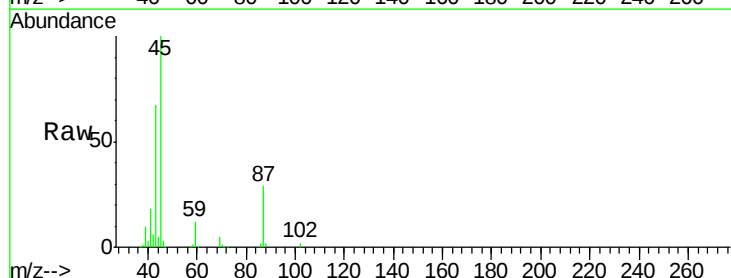
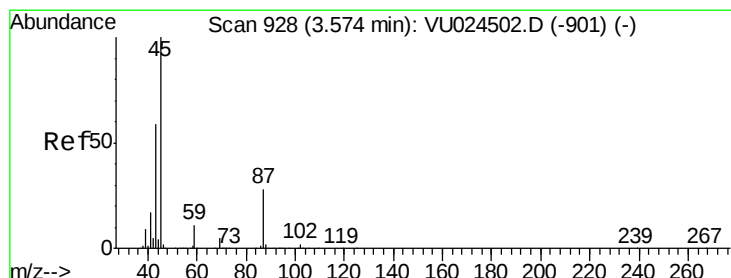
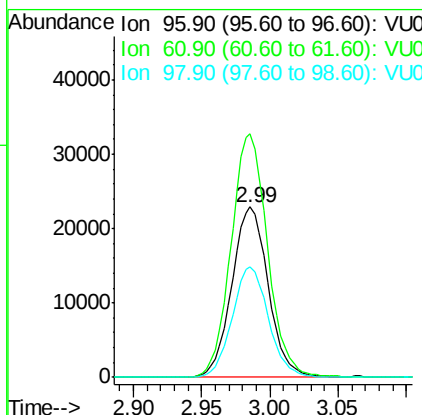
Acq: 03 Jul 2018 11:37

Tot Ion:	96	Resp:	42502
Ion Ratio	Lower	Upper	
96	100		
61	143.1	119.4	179.0
98	64.8	51.1	76.7

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Manual Integrations
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Sam
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#22

Diisopropyl ether

Concen: 20.569 ug/l

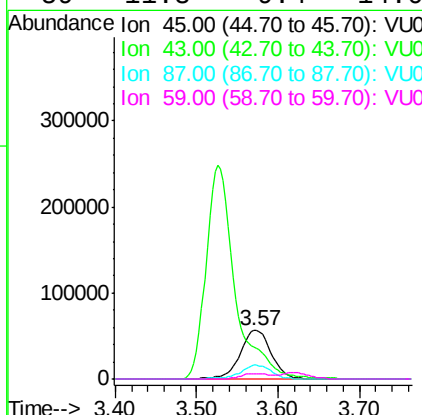
RT: 3.57 min Scan# 927

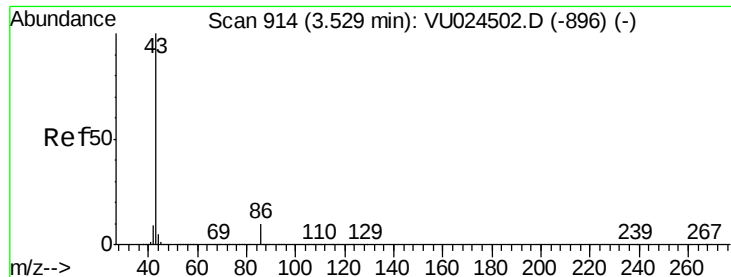
Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion:	45	Resp:	147626
Ion Ratio	Lower	Upper	
45	100		
43	65.5	45.8	68.6
87	29.2	20.6	31.0
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 96.009 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion: 43 Resp: 617261

Ion Ratio Lower Upper

43 100

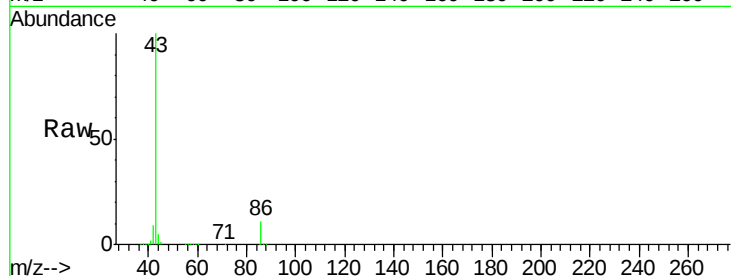
86 10.5 7.8 11.8

Manual Integrations

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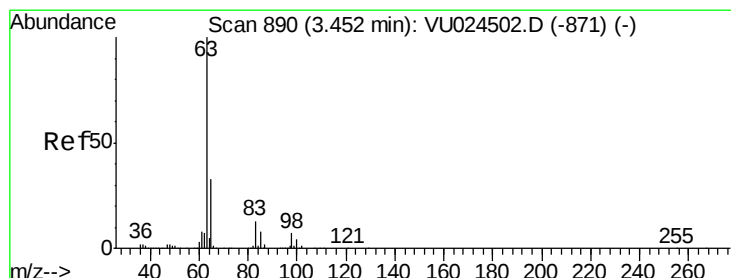
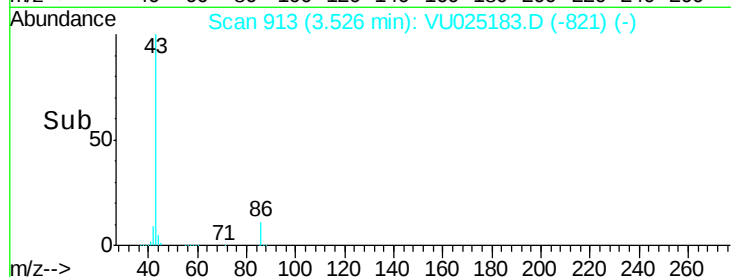
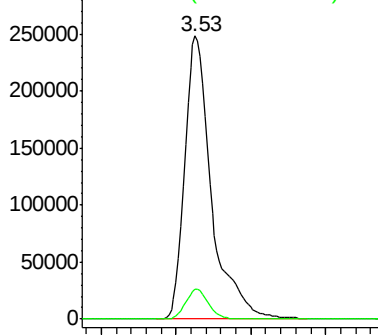
sam

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 20.324 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

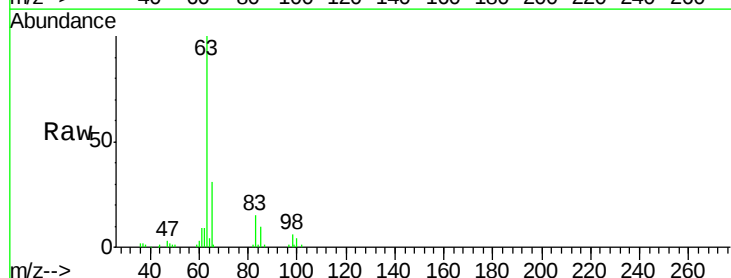
Tgt Ion: 63 Resp: 83914

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

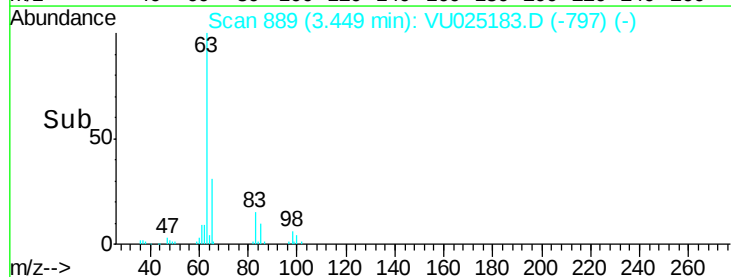
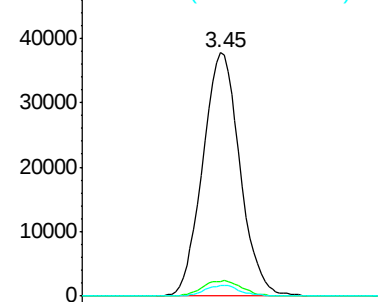
100 4.3 1.8 5.5

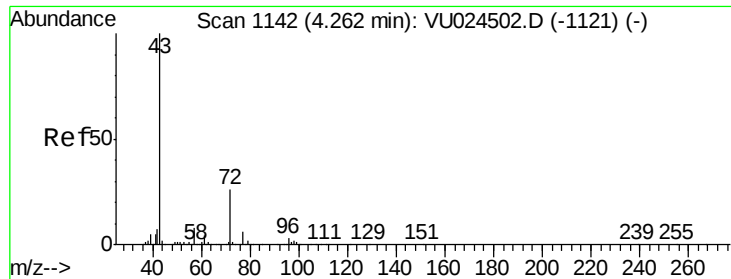


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





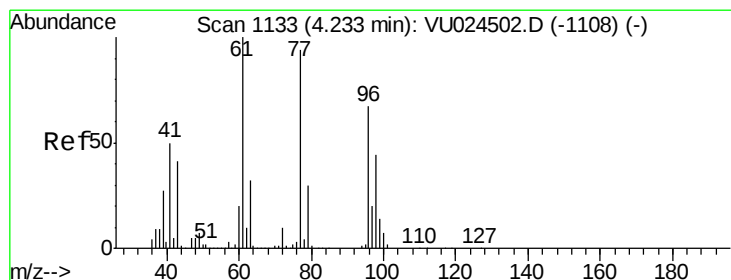
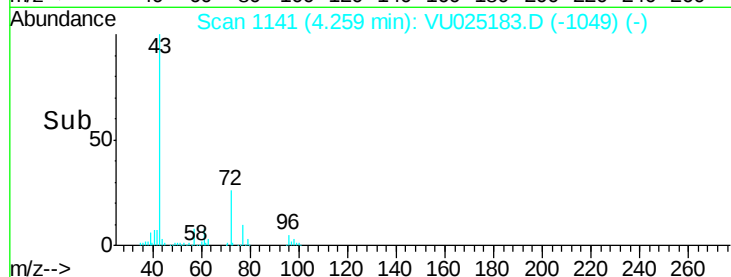
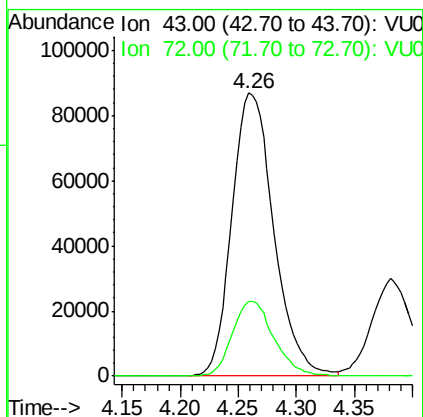
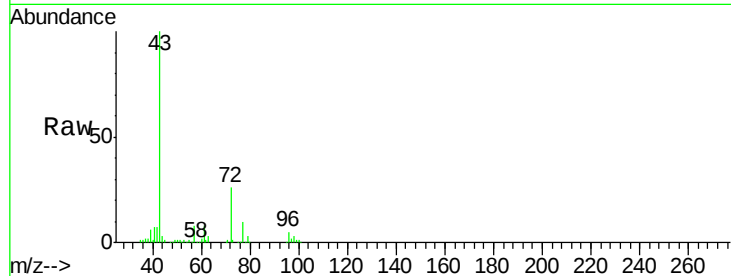
#25
2-Butanone
Concen: 107.644 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.4	19.6	29.4

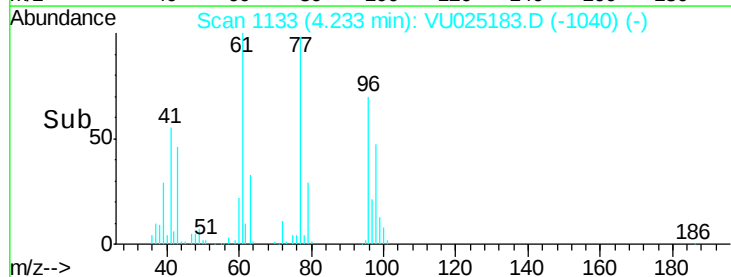
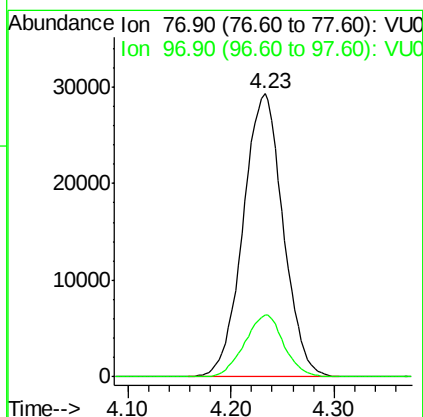
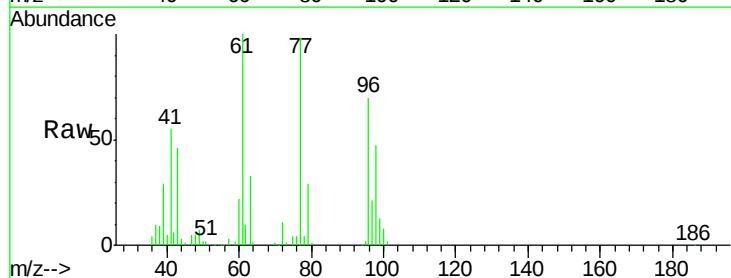
Manual Integrations
APPROVED

sam
7/5/2018 2:30:02 PM



#26
2,2-Dichloropropane
Concen: 20.057 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.4	11.3	33.8





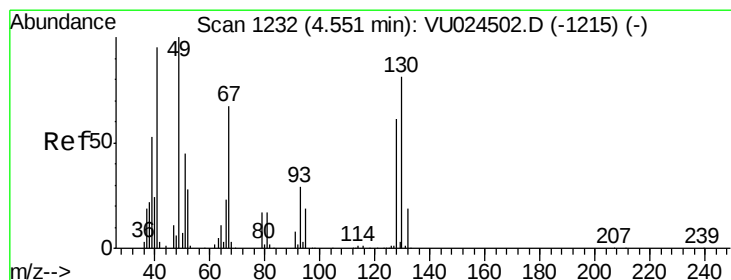
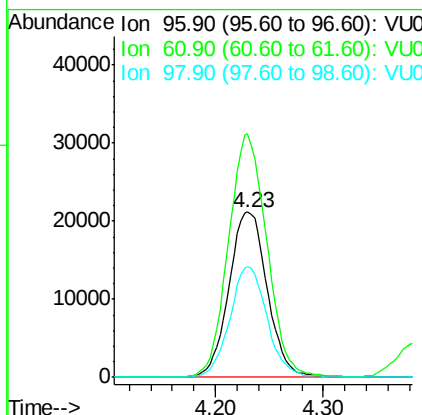
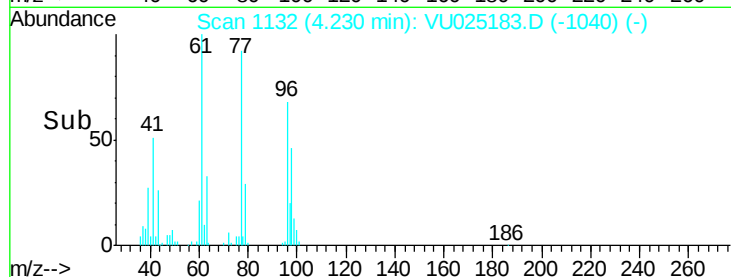
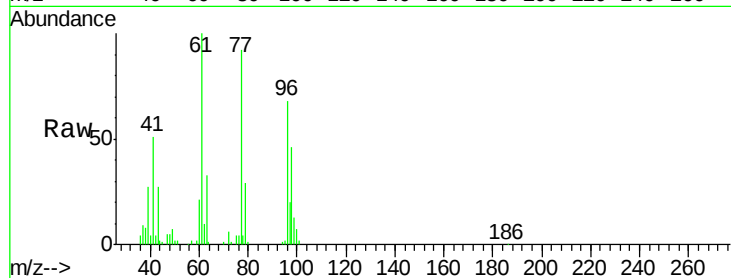
#27
 cis-1,2-Dichloroethene
 Concen: 21.243 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	306.6
98	65.0	0.0	128.8

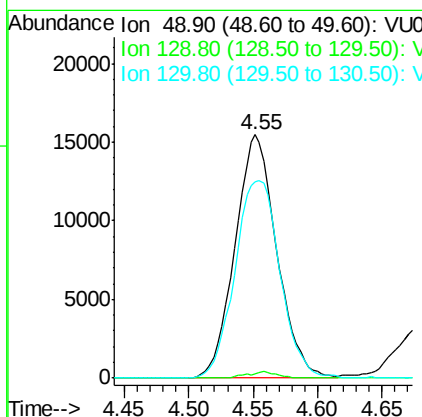
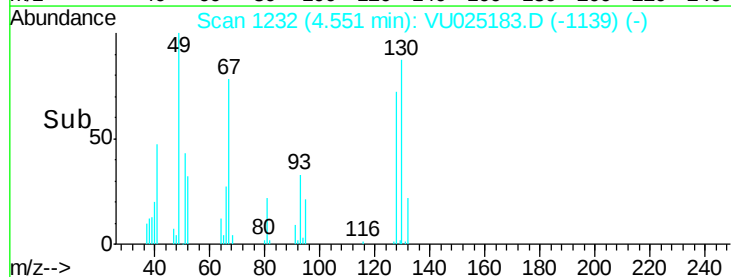
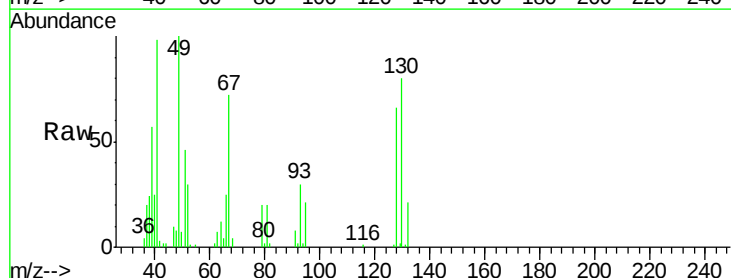
Manual Integrations
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#28
 Bromochloromethane
 Concen: 19.140 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	87.9	57.8	86.6#





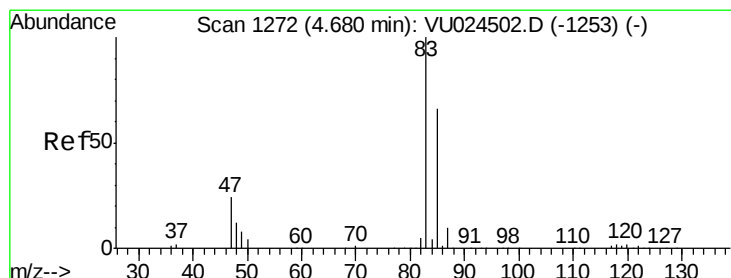
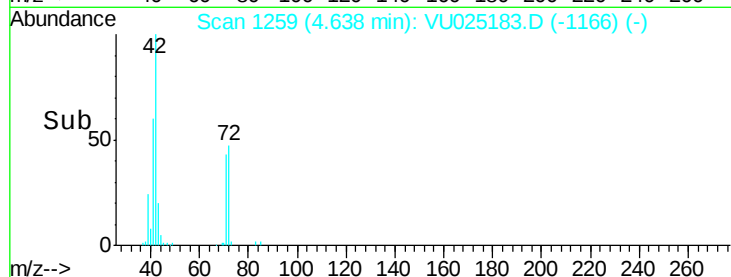
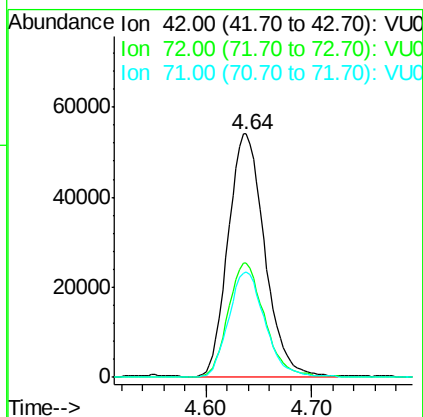
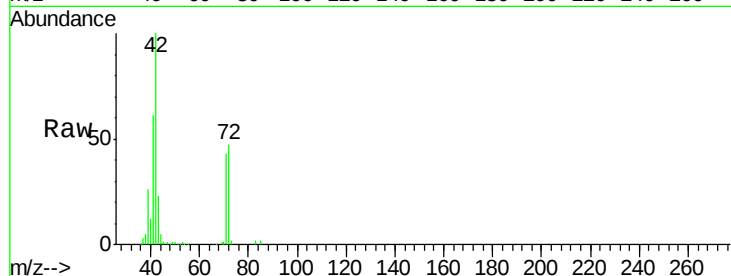
#29
Tetrahydrofuran
Concen: 103.761 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	34.5	51.7
71	43.2	32.2	48.4

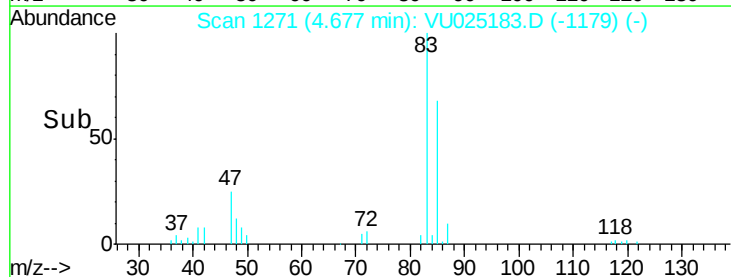
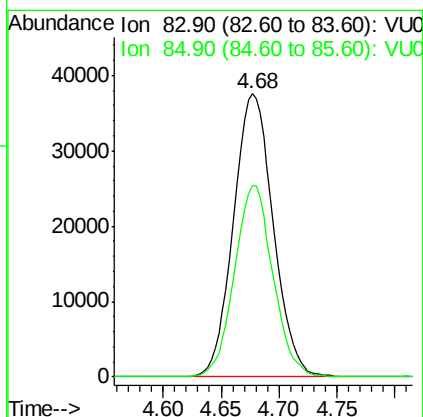
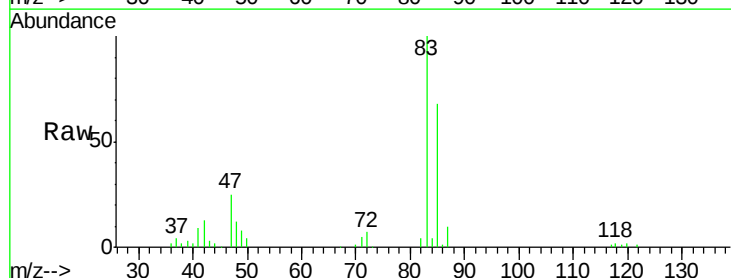
Manual Integrations
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#30
Chloroform
Concen: 21.398 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	52.4	78.6





#31

Cyclohexane

Concen: 19.951 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

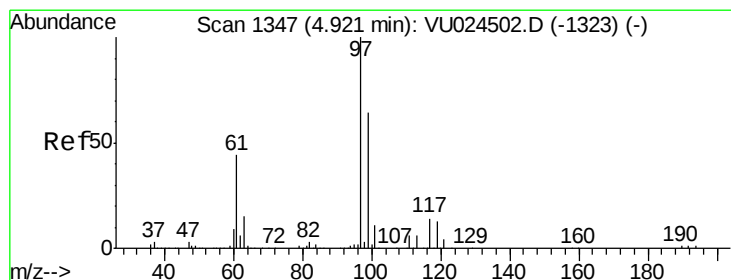
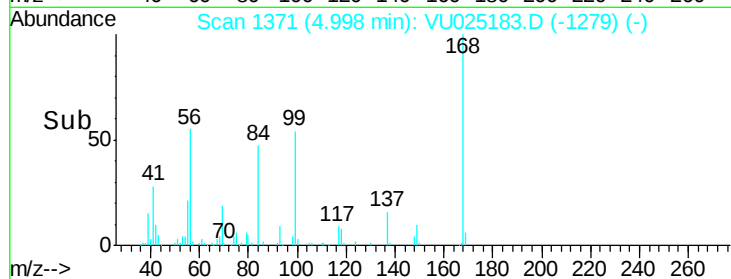
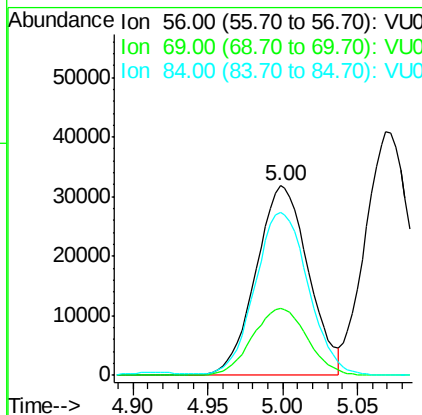
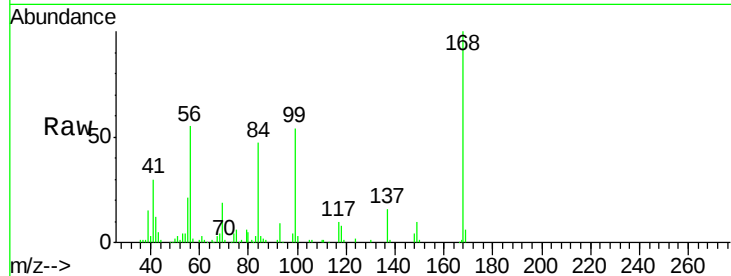
ClientSampleId :

VU0703WBS01

Tot Ion:	56	Resp:	77500
Ion Ratio	Lower	Upper	
56	100		
69	35.2	24.8	37.2
84	84.7	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 20.956 ug/l

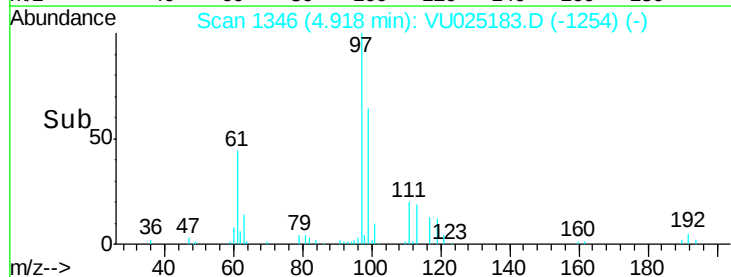
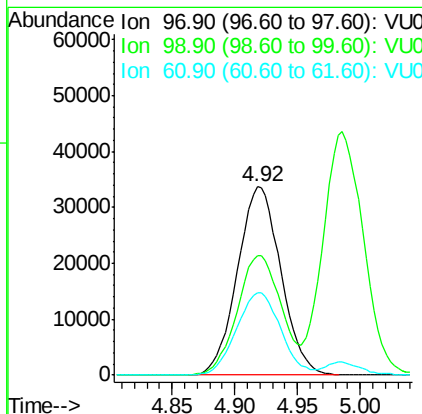
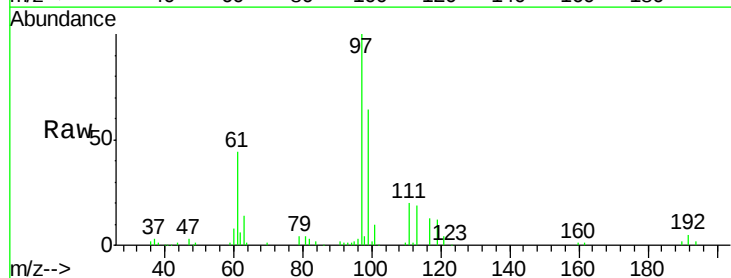
RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion:	97	Resp:	80982
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.0	76.6
61	44.4	39.4	59.0





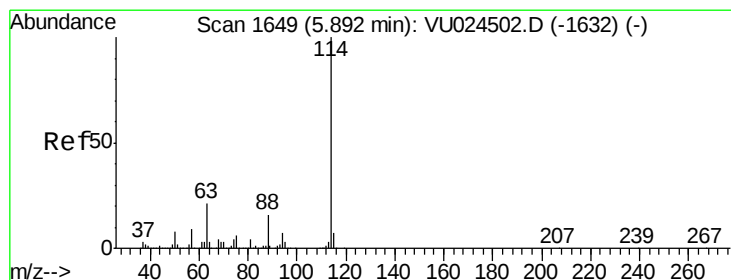
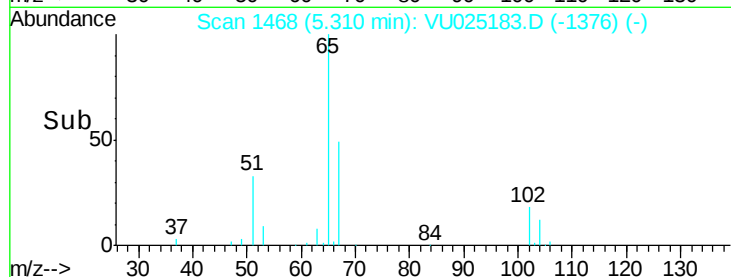
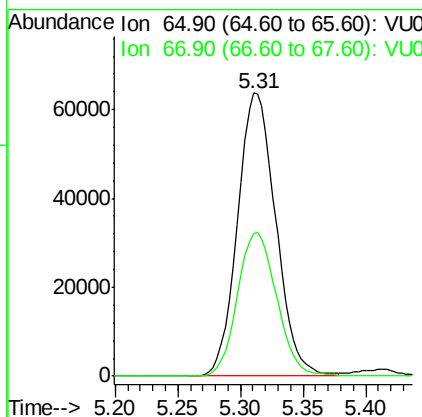
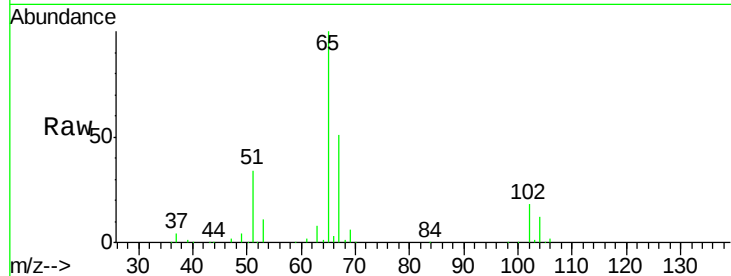
#33
 1,2-Dichloroethane-d4
 Concen: 48.421 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.0

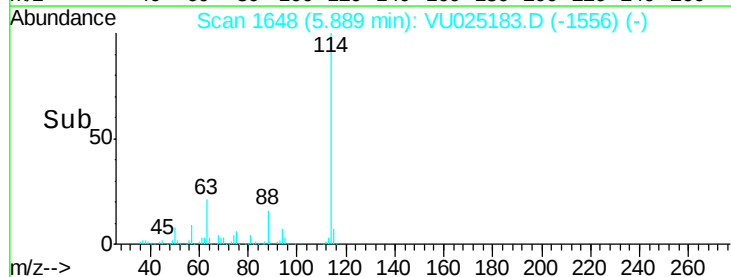
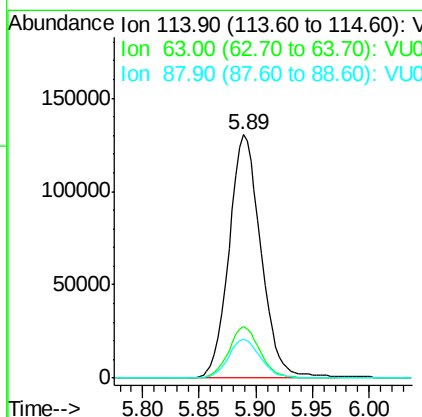
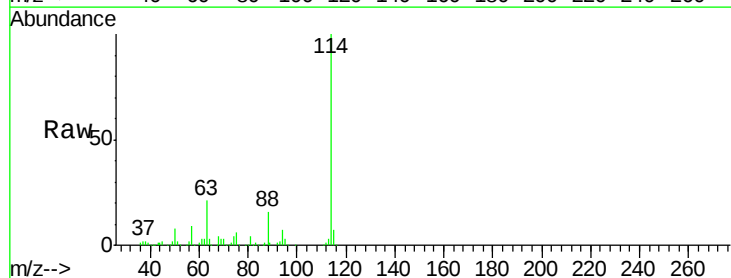
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	45.4
88	16.0	0.0	31.0





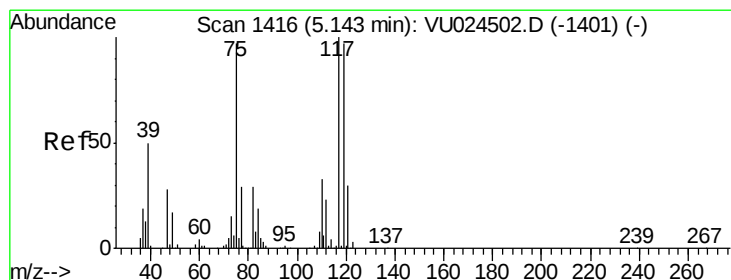
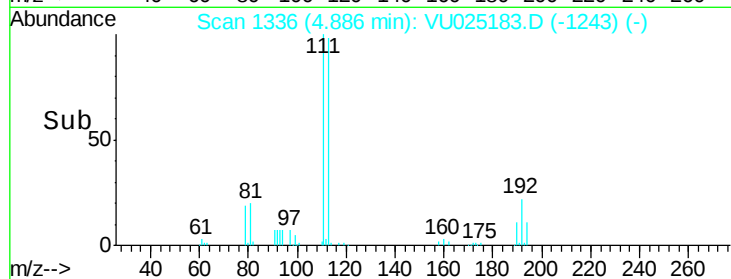
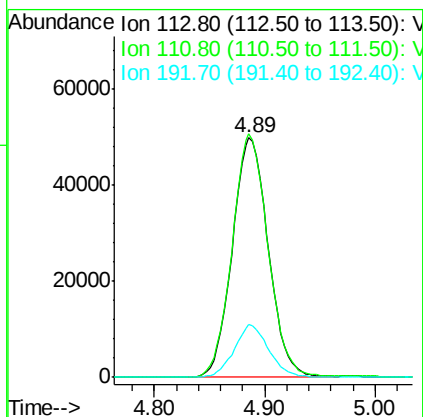
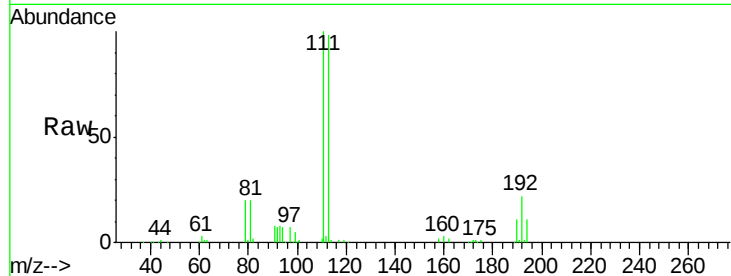
#35
 Dibromofluoromethane
 Concen: 52.928 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.0	82.2	123.4	
192	21.1	16.2	24.4	

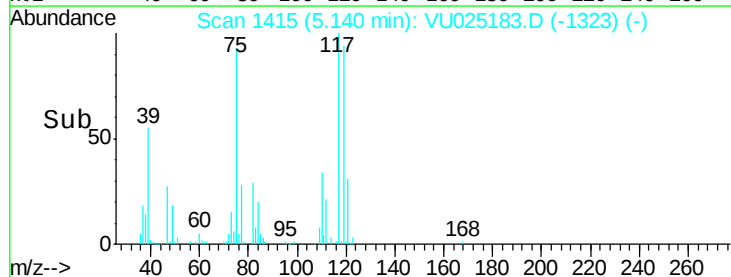
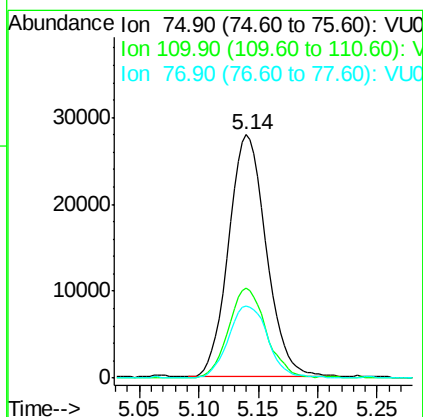
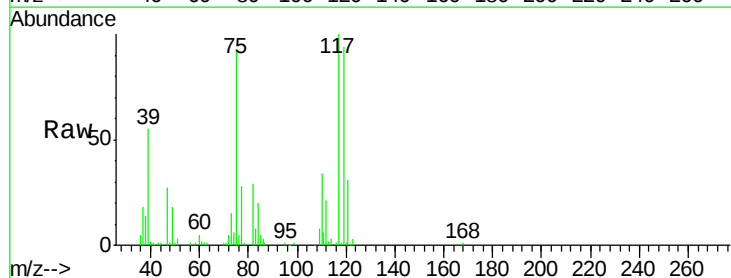
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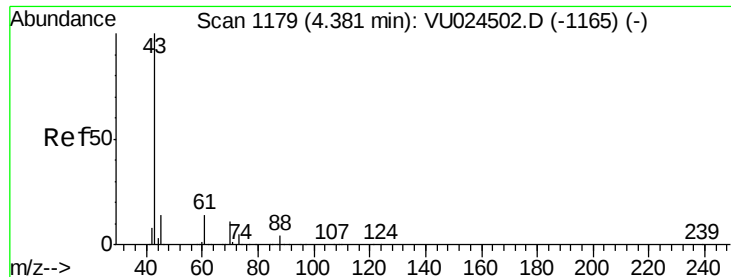
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#36
 1,1-Dichloropropene
 Concen: 20.328 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.1	17.0	50.9	
77	31.3	24.2	36.4	





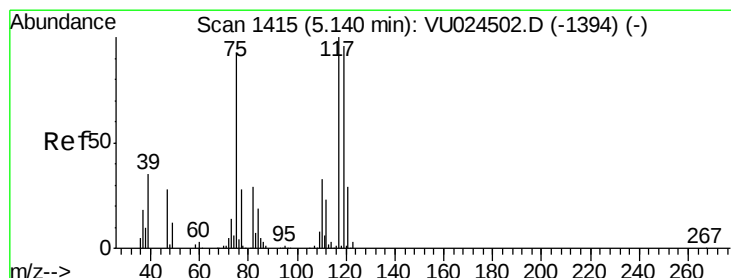
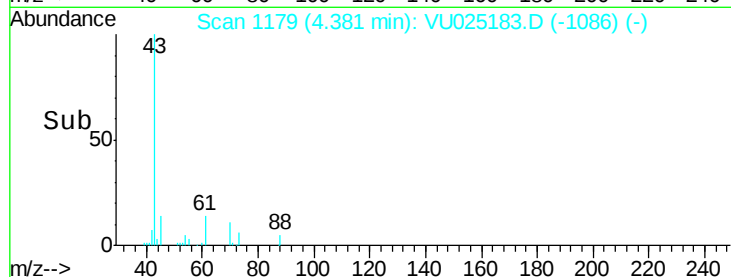
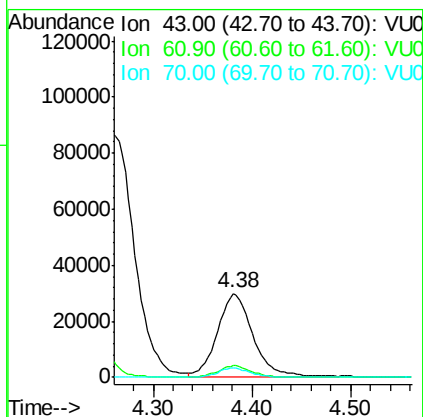
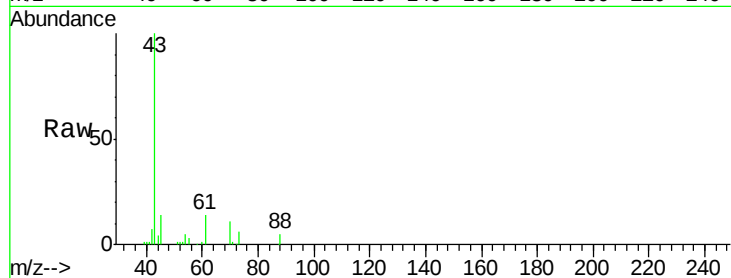
#37
Ethyl Acetate
Concen: 22.435 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion:	43	Resp:	73535
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.5	15.7
70	10.2	7.4	11.2

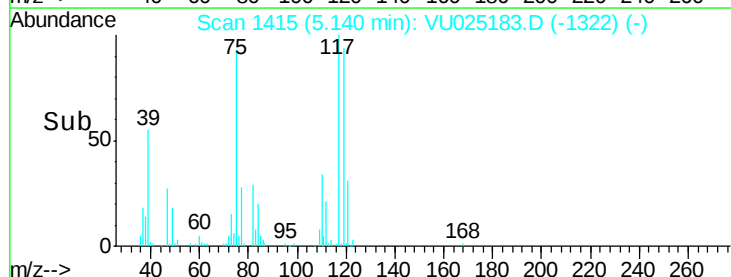
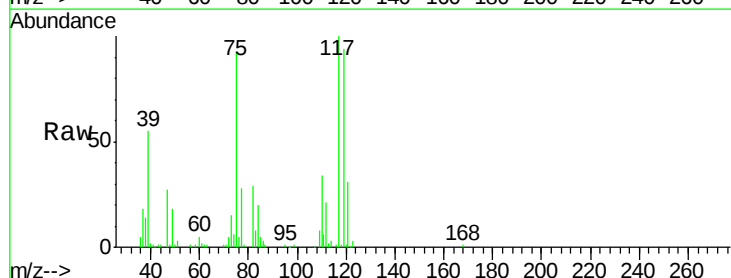
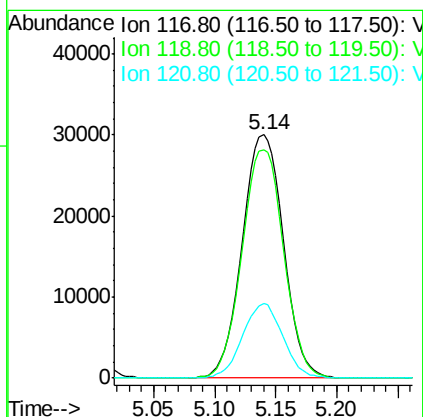
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 21.245 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:	117	Resp:	70256
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.1	114.1
121	30.7	23.7	35.5





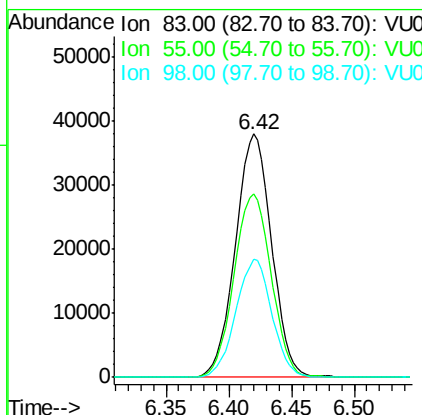
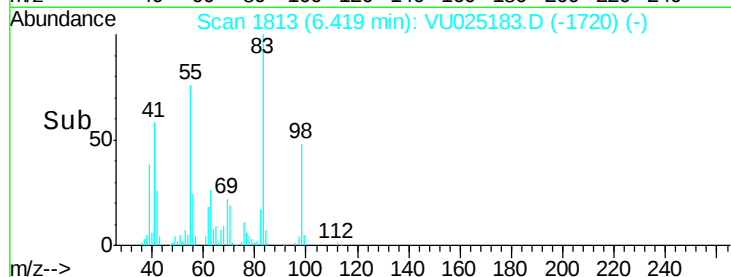
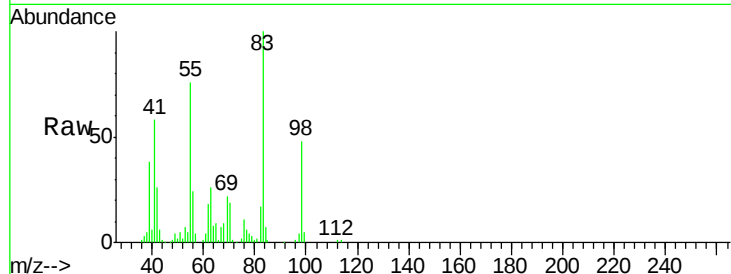
#39
Methvlcvclohexane
Concen: 20.329 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	65.8	98.6
98	48.3	36.7	55.1

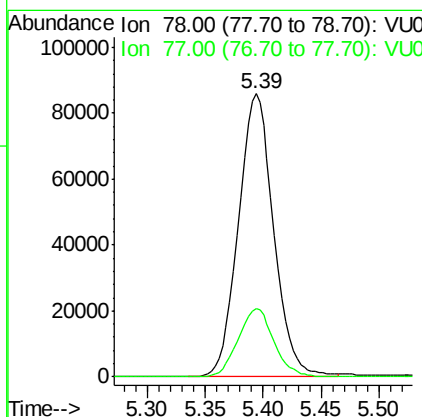
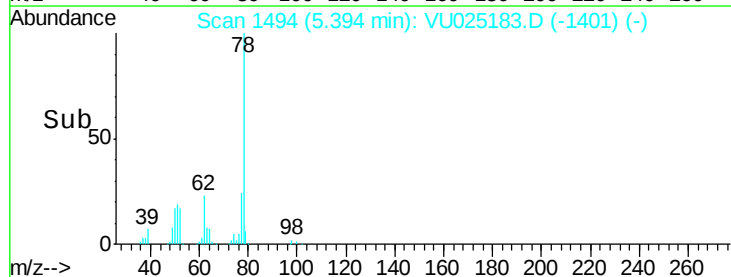
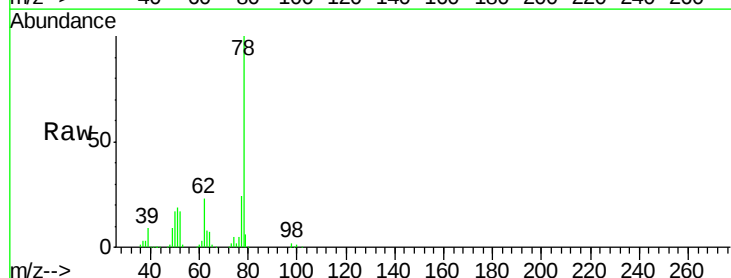
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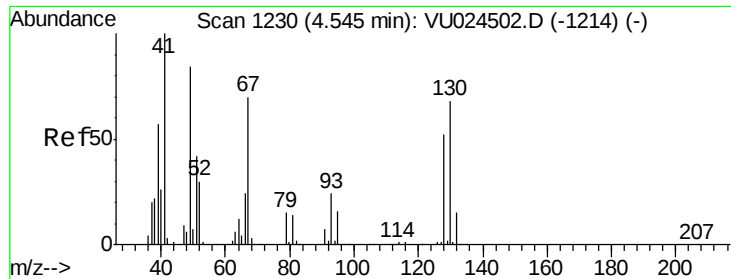
sam
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#40
Benzene
Concen: 21.208 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





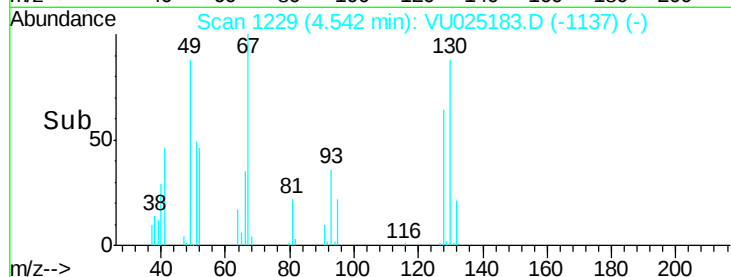
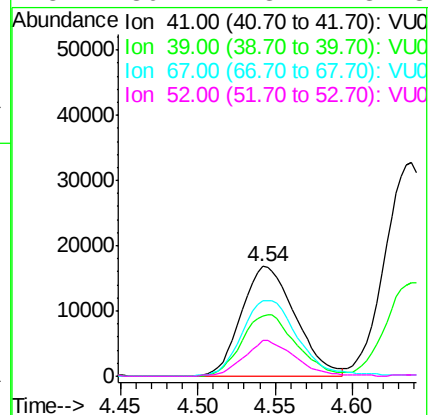
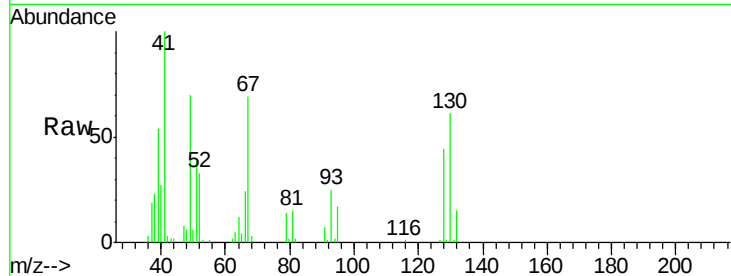
#41
Methacrylonitrile
Concen: 23.213 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	43.8	65.6	
67	72.2	56.3	84.5	
52	30.7	23.2	34.8	

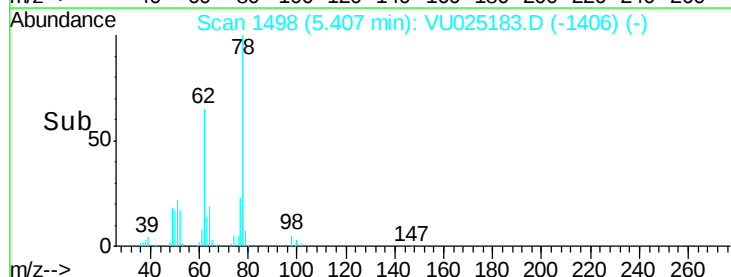
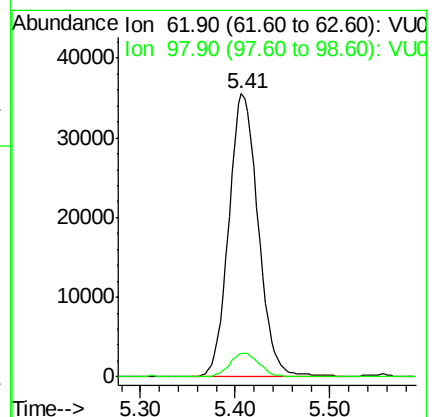
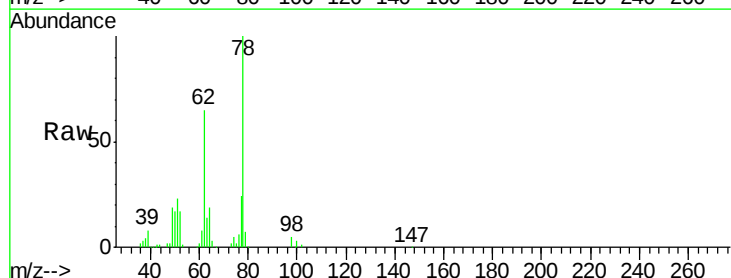
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#42
1,2-Dichloroethane
Concen: 23.549 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.6	





#43

Isopropyl Acetate

Concen: 20.783 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

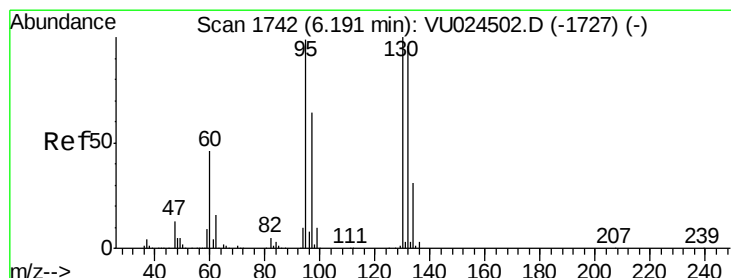
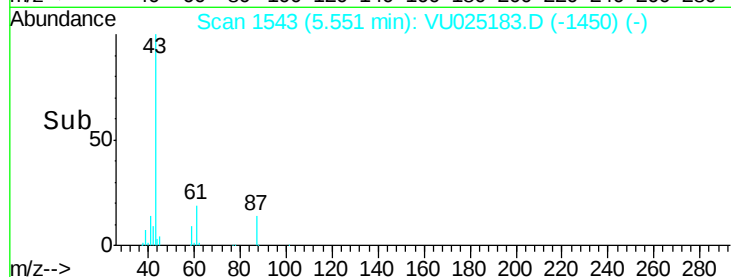
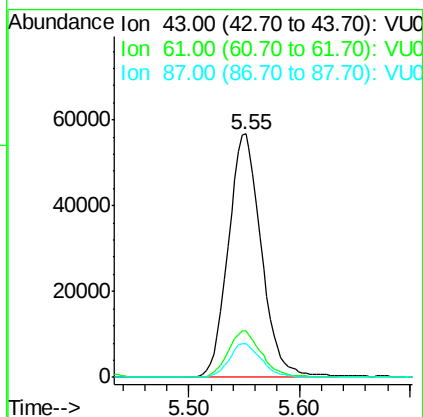
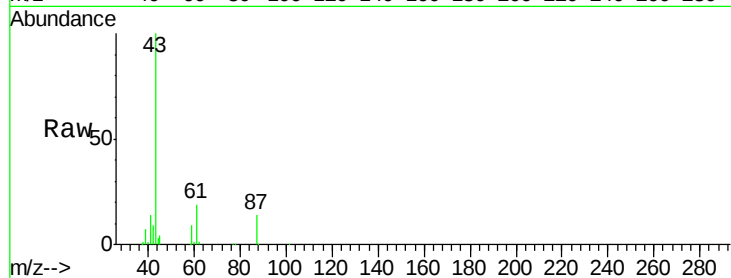
ClientSampleId :

VU0703WBS01

Tot Ion:	43	Resp:	117746
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	13.4	10.0	15.0

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#44

Trichloroethene

Concen: 20.746 ug/l

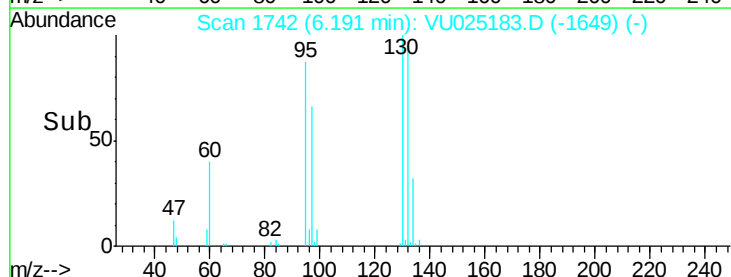
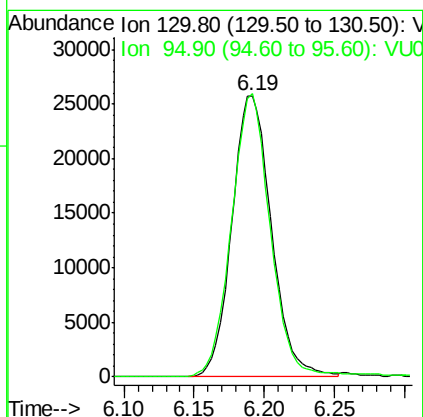
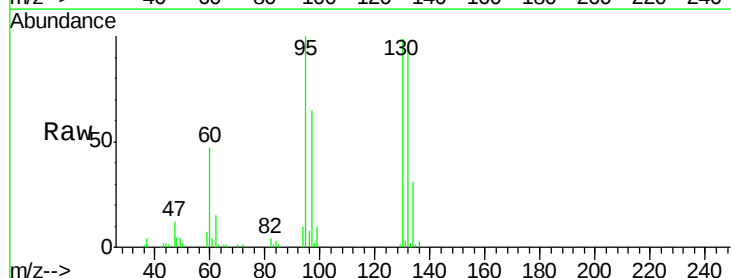
RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion:	130	Resp:	50593
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	202.4





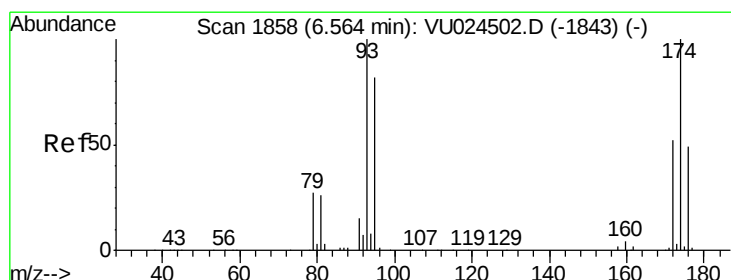
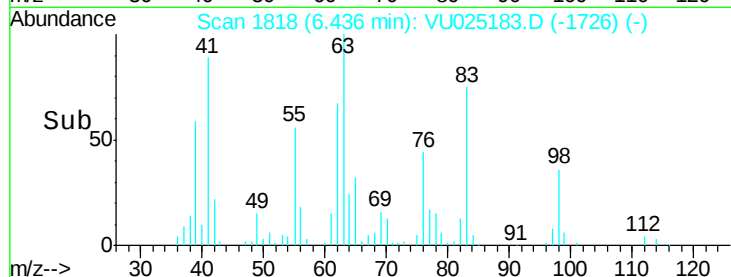
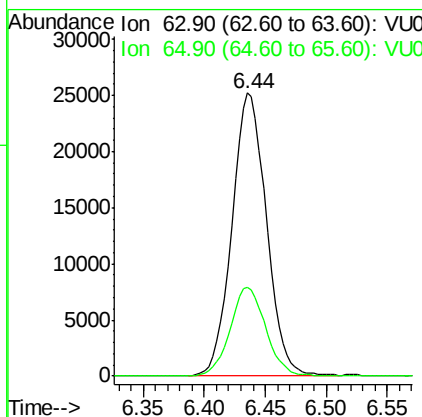
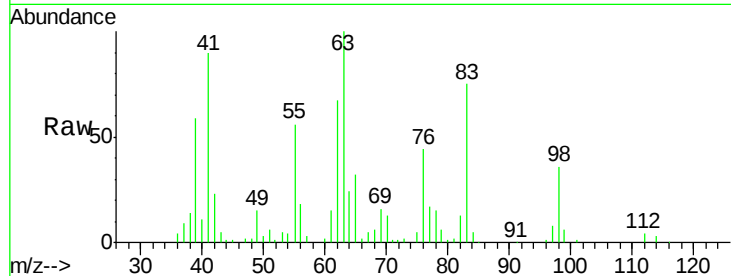
#45
 1,2-Dichloropropane
 Concen: 21.578 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion: 63 Resp: 49336
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2

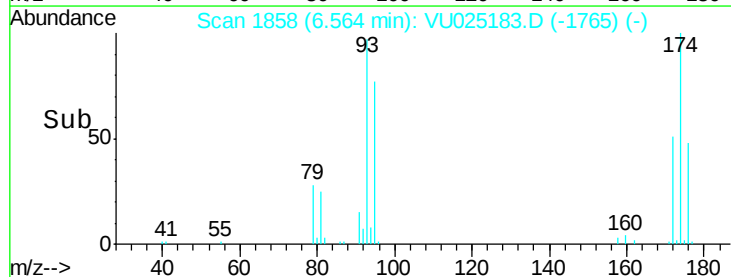
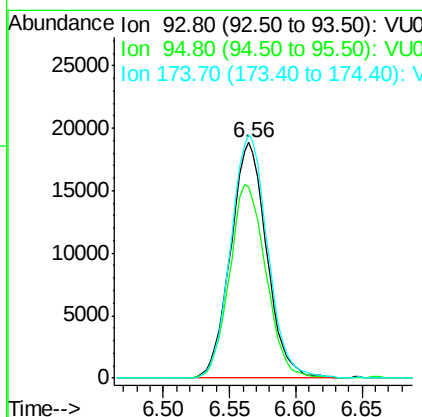
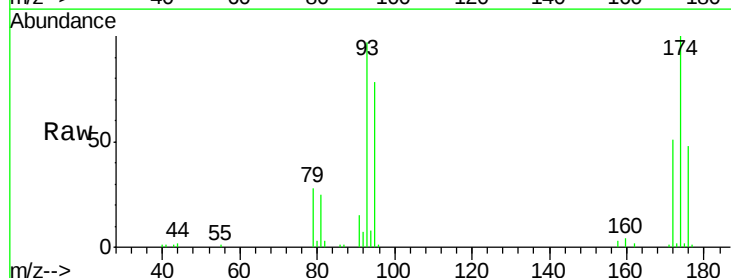
Manual Integrations
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#46
 Dibromomethane
 Concen: 22.246 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 93 Resp: 35727
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.5 98.3
 174 104.9 78.7 118.1





#47

Bromodichloromethane

Concen: 20.946 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

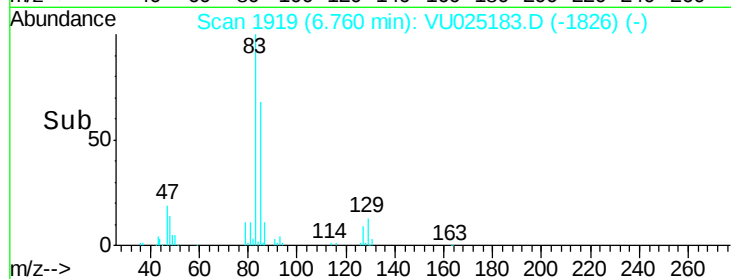
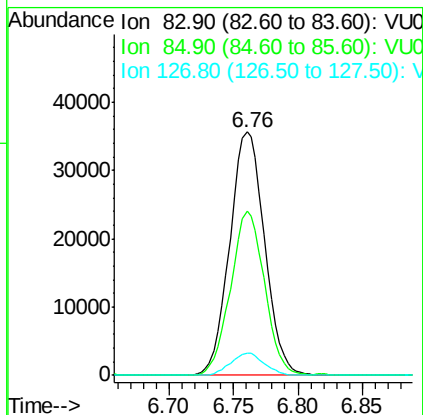
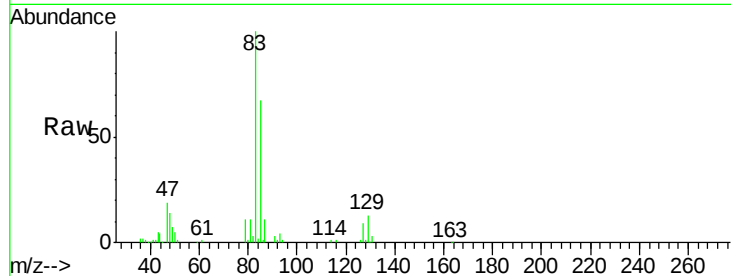
ClientSampleId :

VU0703WBS01

Tot Ion:	83	Resp:	66986
Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.9	77.9
127	9.0	6.6	9.8

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#48

Methyl methacrylate

Concen: 22.041 ug/l

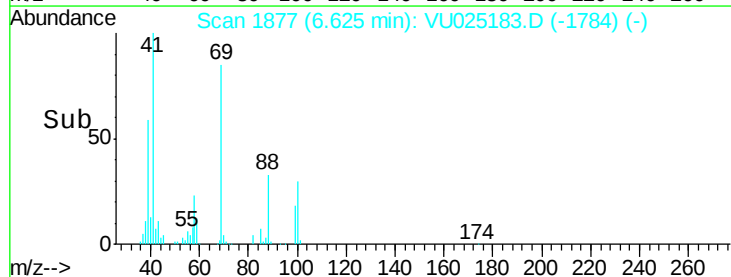
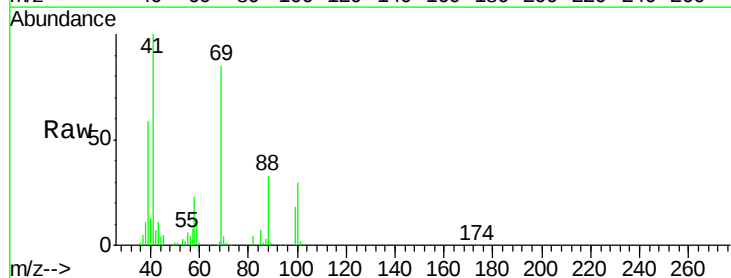
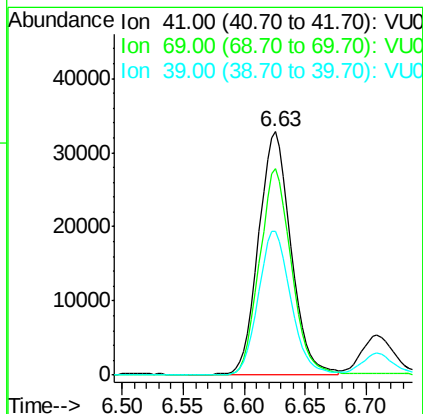
RT: 6.63 min Scan# 1877

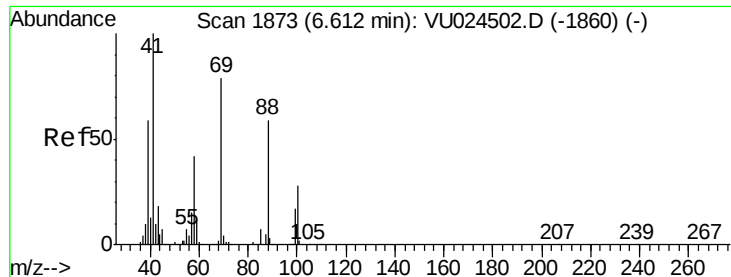
Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion:	41	Resp:	60807
Ion	Ratio	Lower	Upper
41	100		
69	83.5	67.3	100.9
39	59.1	46.5	69.7





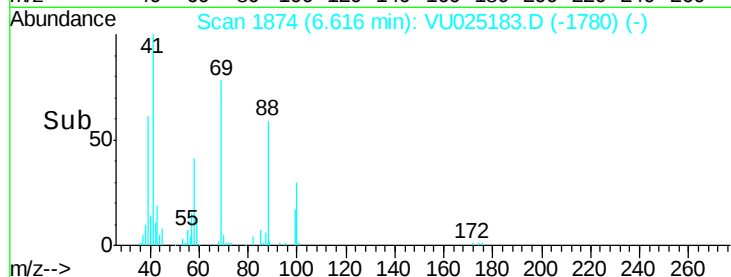
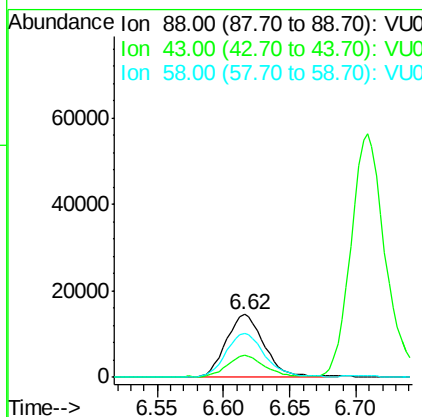
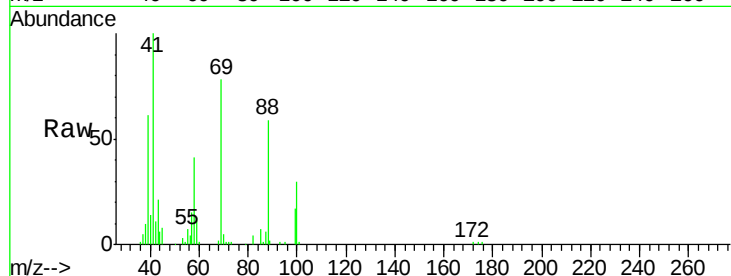
#49
1,4-Dioxane
Concen: 541.729 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	28.6	42.8
58	71.0	58.2	87.4

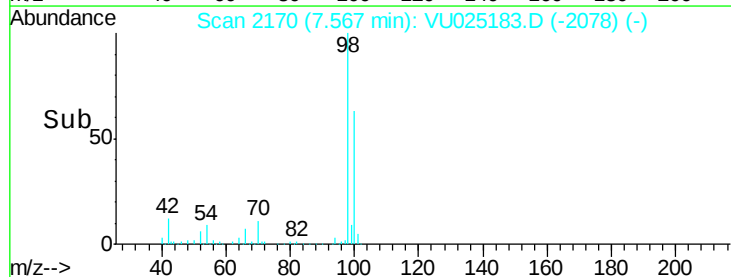
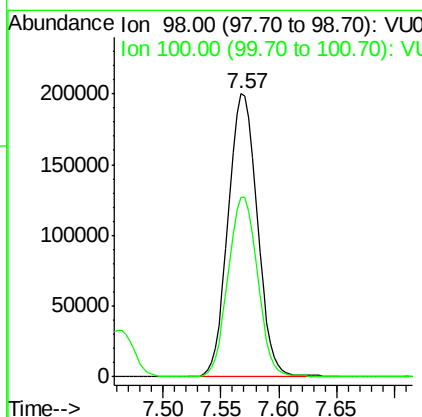
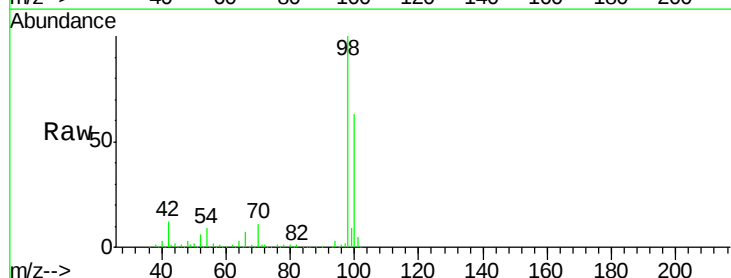
Manual Integrations
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#50
Toluene-d8
Concen: 45.061 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





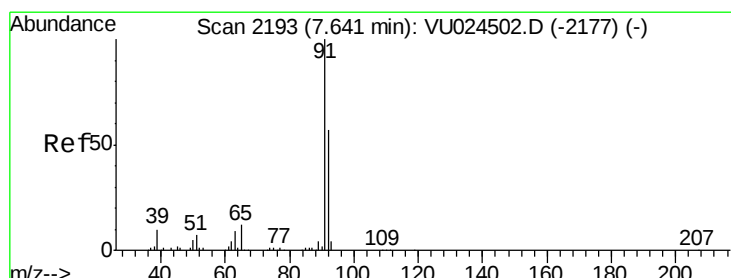
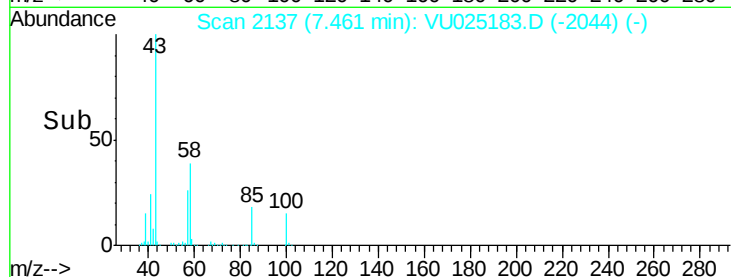
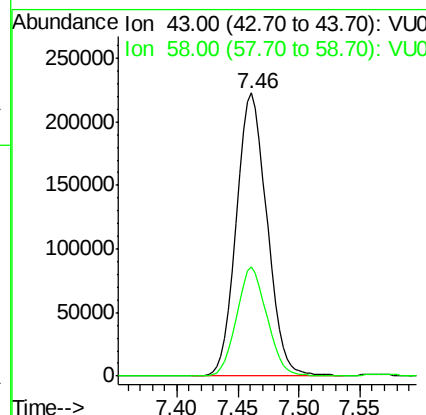
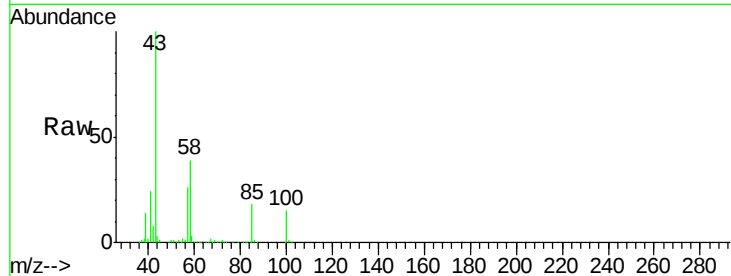
#51
 4-Methyl-2-Pentanone
 Concen: 109.495 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0703WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.0	45.0

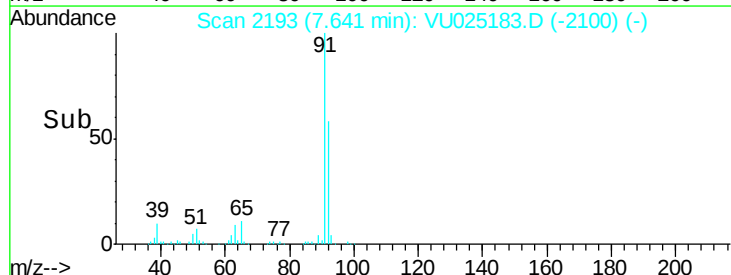
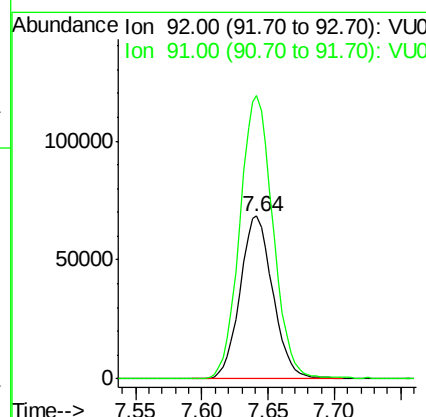
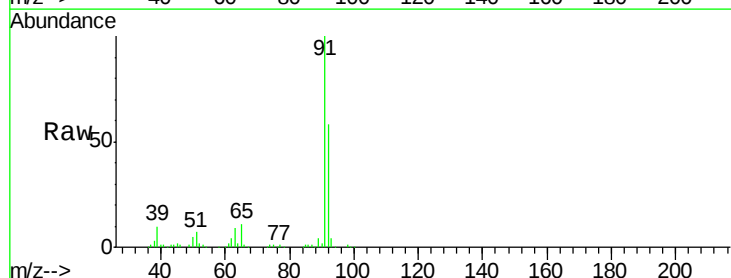
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#52
 Toluene
 Concen: 21.253 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.7	140.5	210.7





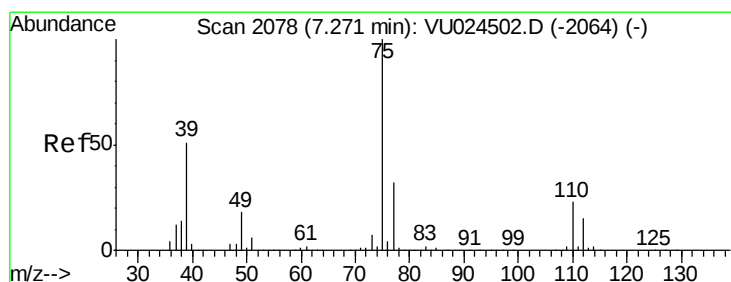
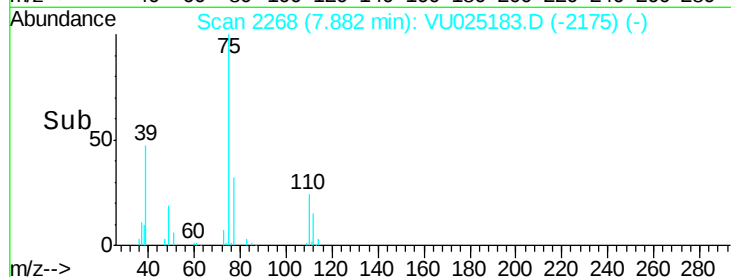
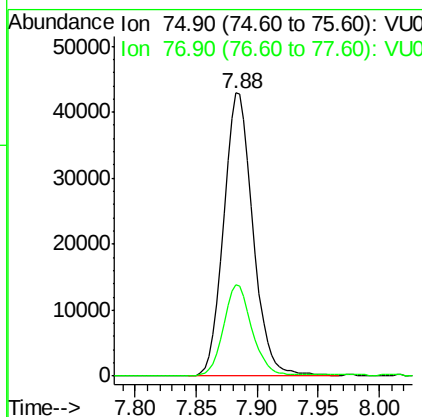
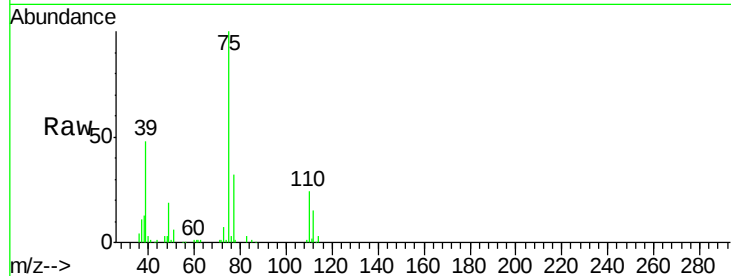
#53
t-1,3-Dichloropropene
Concen: 20.197 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.8	37.2

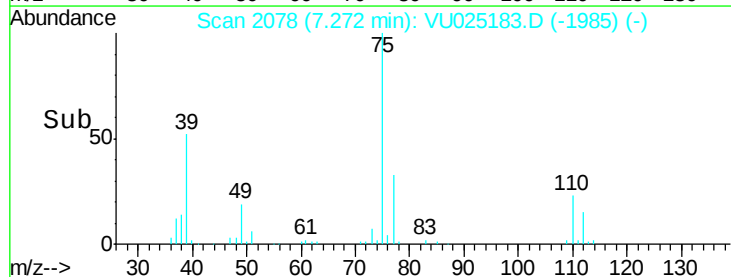
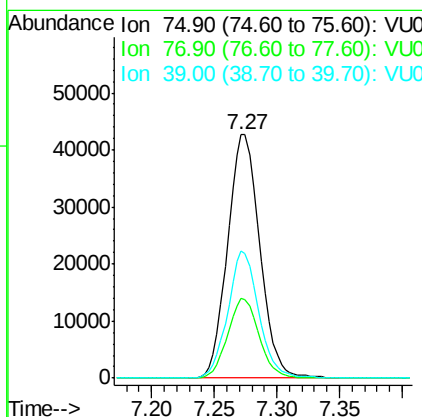
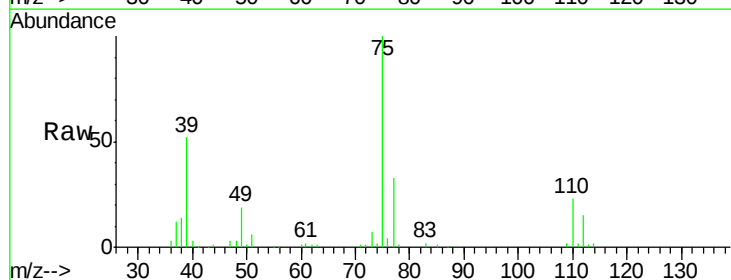
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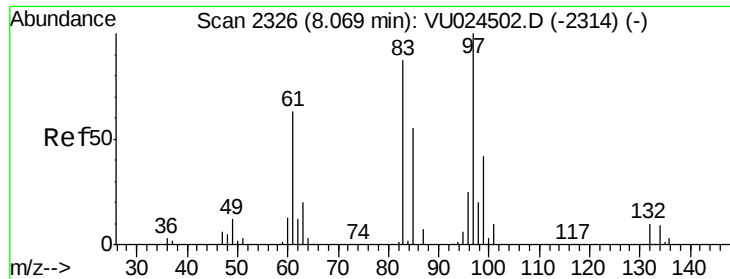
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#54
cis-1,3-Dichloropropene
Concen: 19.963 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.6	36.8
39	52.3	39.8	59.6





#55

1,1,2-Trichloroethane

Concen: 21.787 ug/l

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

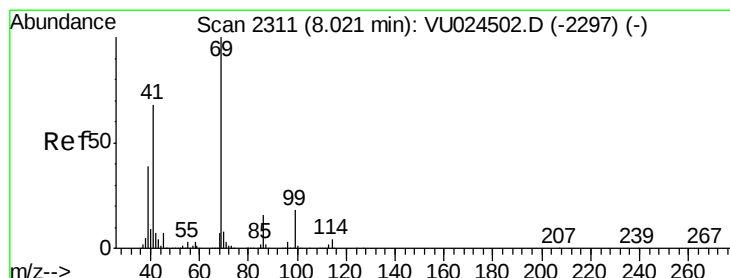
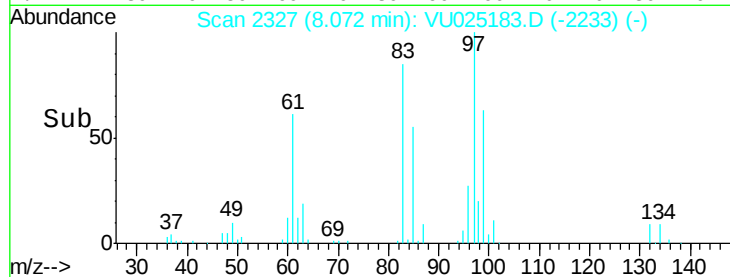
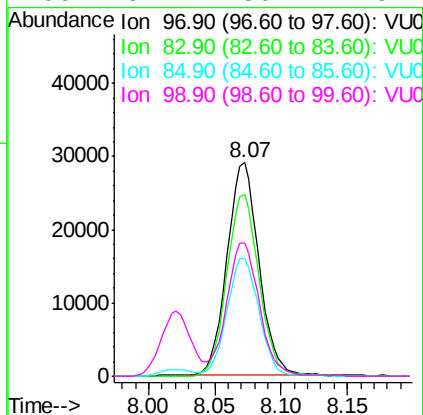
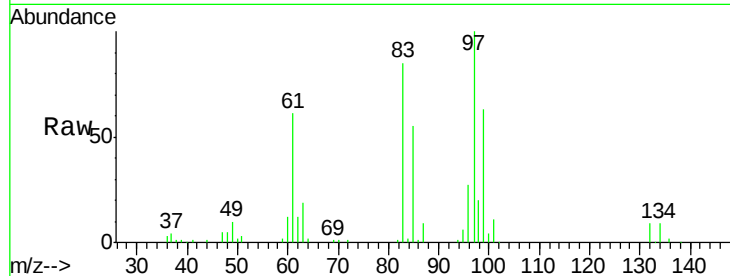
ClientSampleId :

VU0703WBS01

Tot Ion:	97	Resp:	48824
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.5	105.7
85	55.5	46.4	69.6
99	62.4	50.2	75.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.375 ug/l

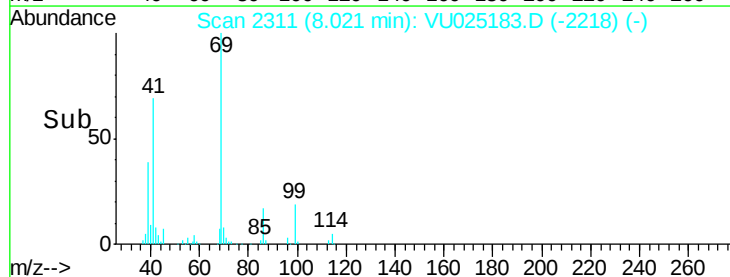
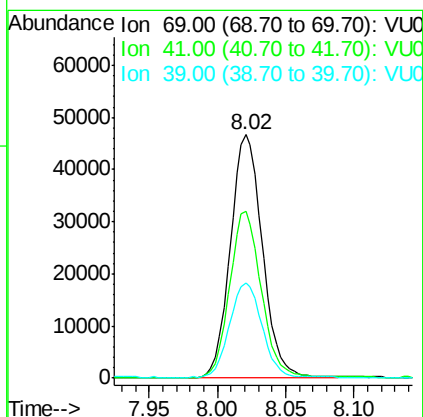
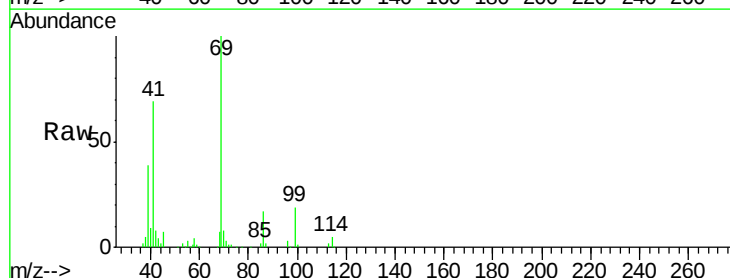
RT: 8.02 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion:	69	Resp:	76421
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.1	81.1
39	40.5	30.3	45.5





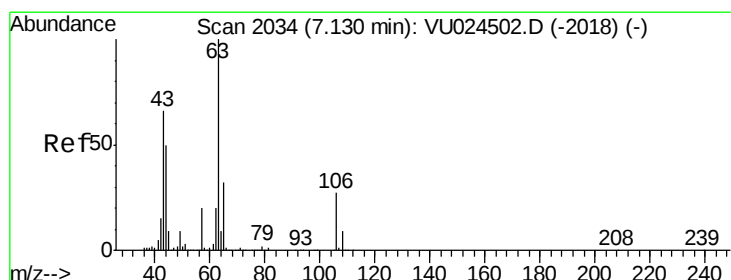
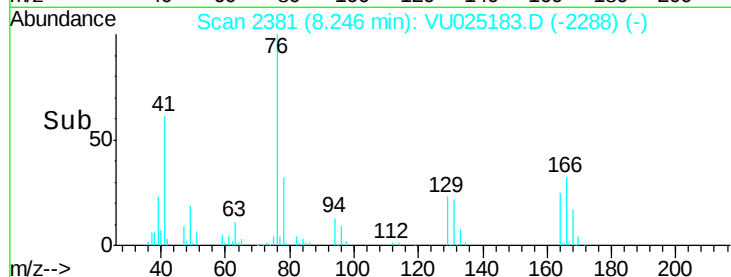
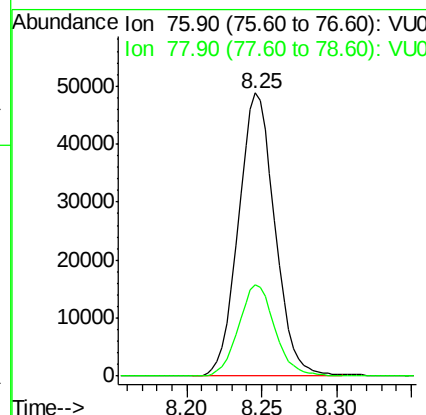
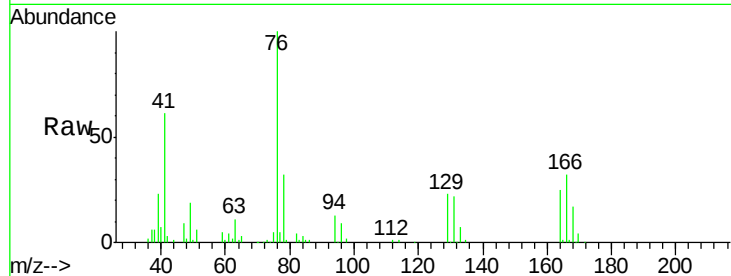
#57
 1,3-Dichloropropane
 Concen: 21.822 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion: 76 Resp: 82493
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8

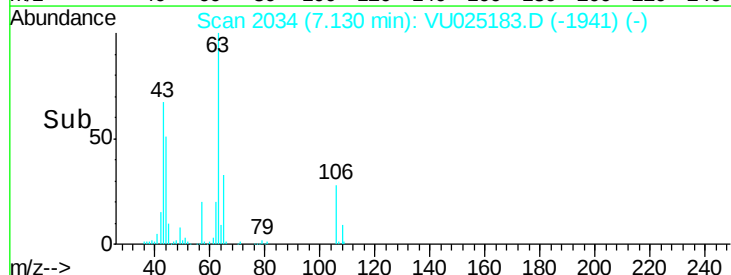
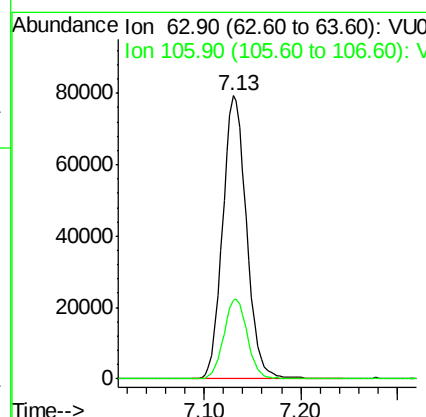
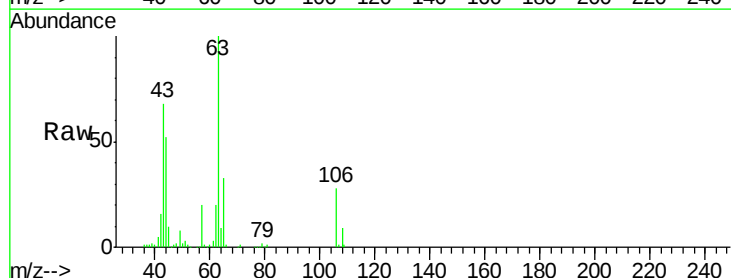
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#58
 2-Chloroethyl Vinyl ether
 Concen: 94.769 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 63 Resp: 136177
 Ion Ratio Lower Upper
 63 100
 106 27.7 20.2 30.2





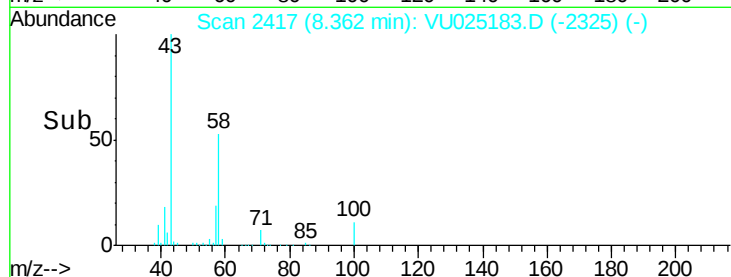
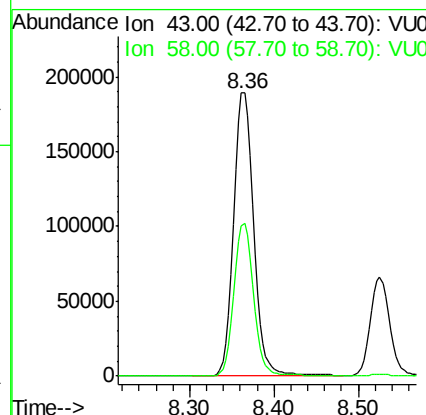
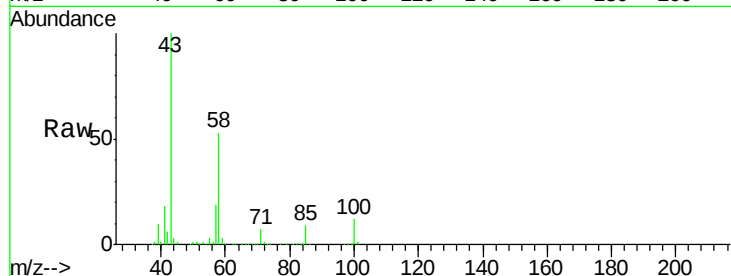
#59
2-Hexanone
Concen: 108.237 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion: 43 Resp: 314525
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0

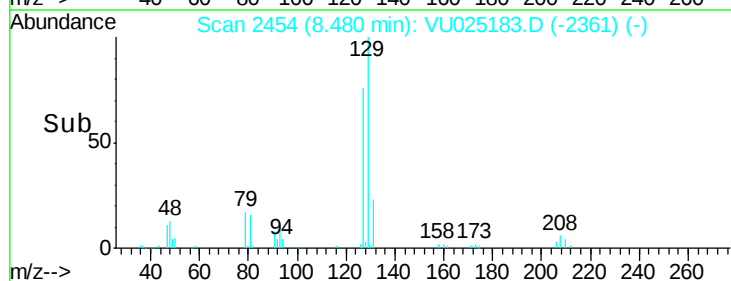
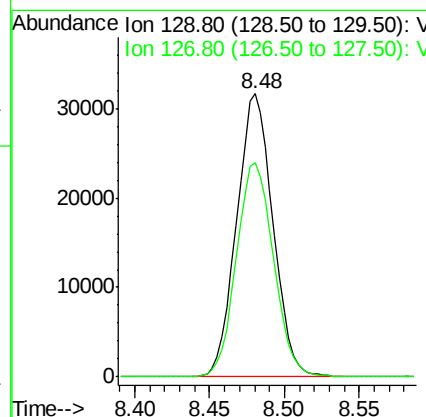
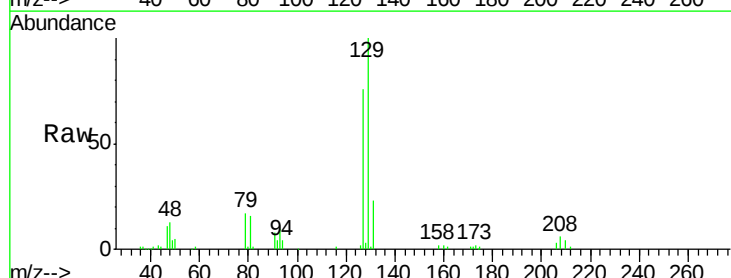
Manual Integrations
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#60
Dibromochloromethane
Concen: 19.122 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 129 Resp: 53436
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.728 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion:107 Resp: 54195

Ion Ratio Lower Upper

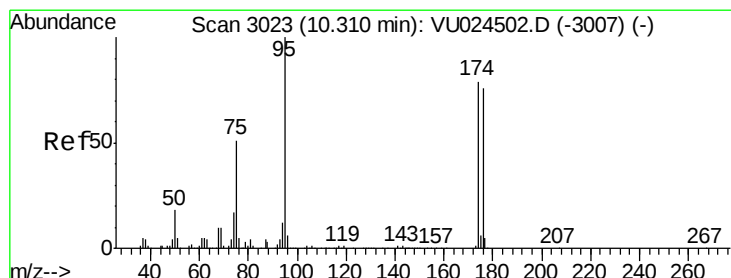
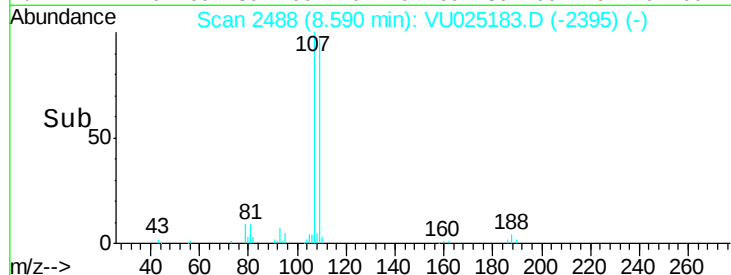
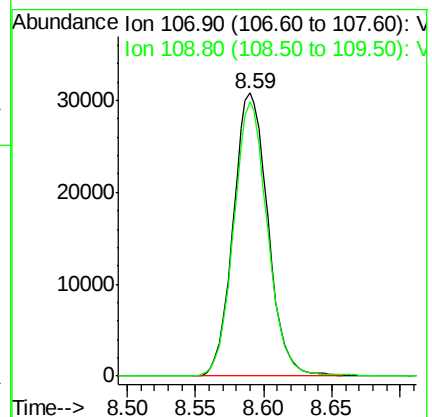
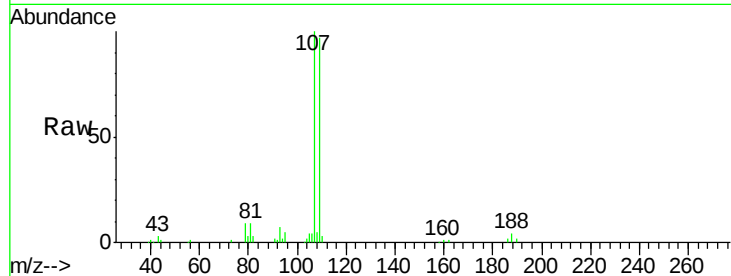
107 100

109 95.0 74.5 111.7

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#62

4-Bromofluorobenzene

Concen: 48.742 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

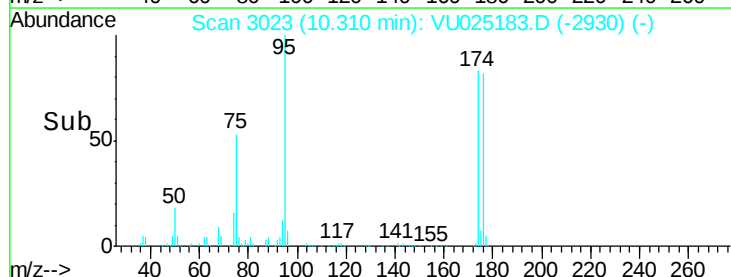
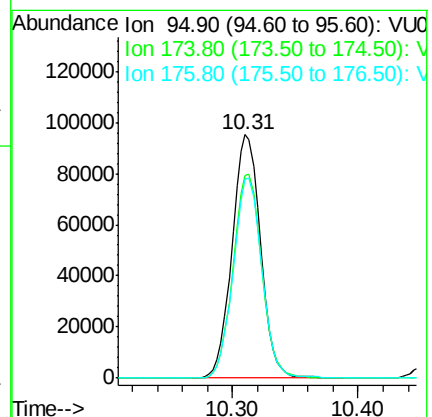
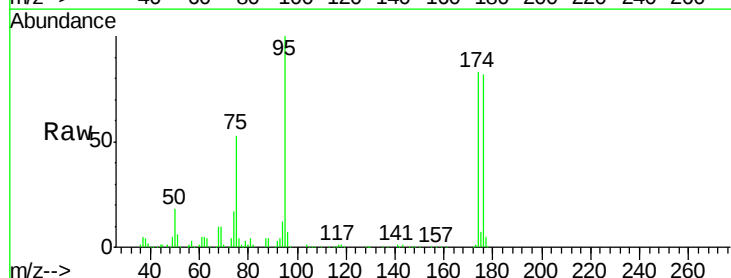
Tgt Ion: 95 Resp: 149926

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

176 82.8 0.0 159.4





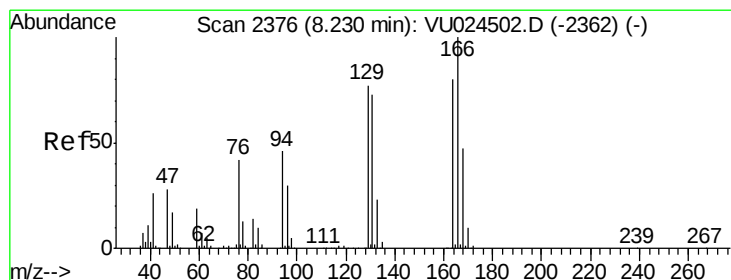
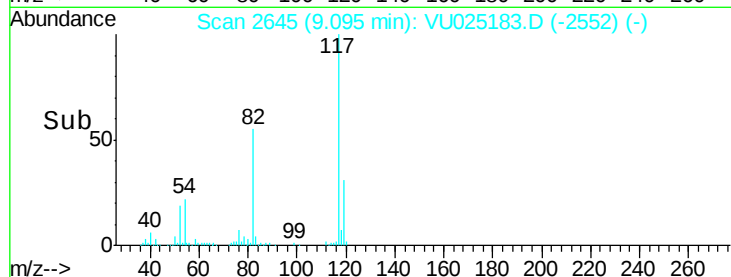
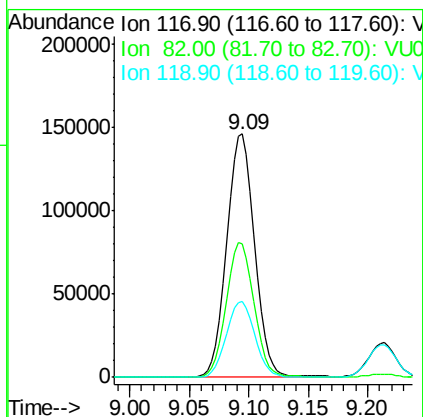
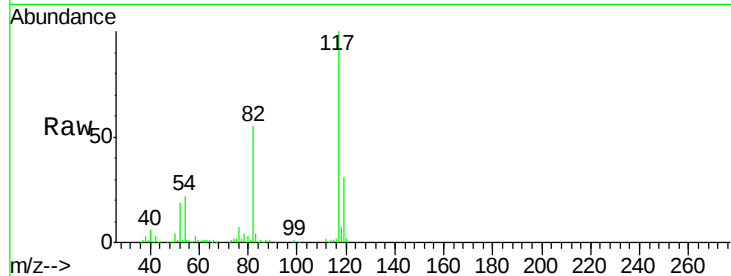
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.7	44.3	66.5
119	31.0	25.4	38.2

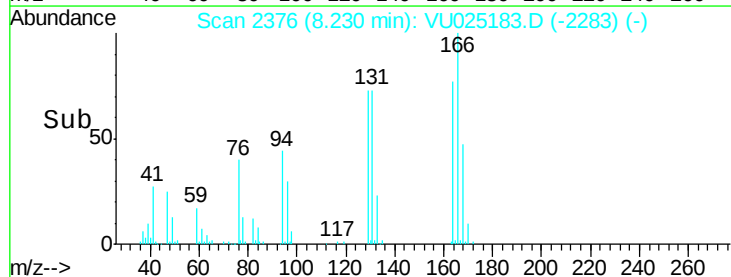
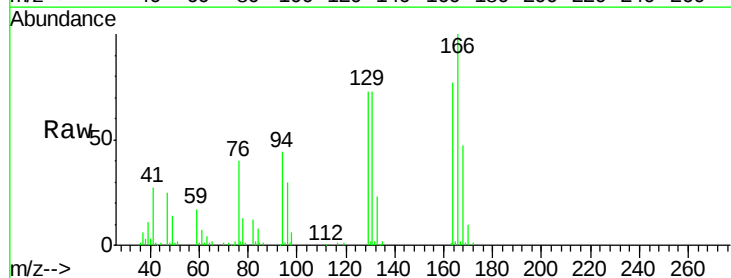
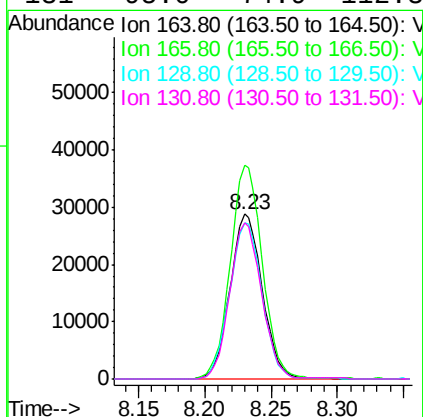
Manual Integrations
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#64
Tetrachloroethene
Concen: 21.628 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.8	101.7	152.5
129	94.7	76.9	115.3
131	95.0	74.9	112.3





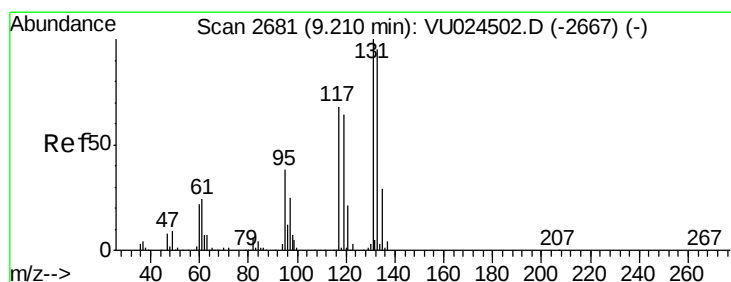
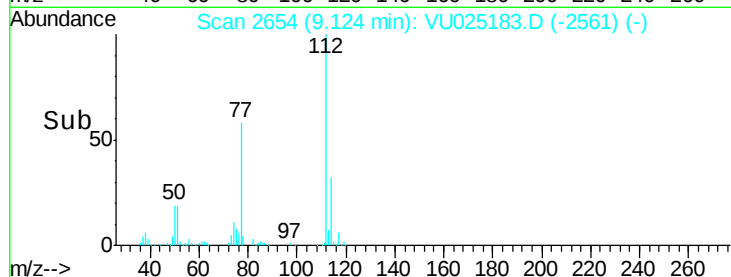
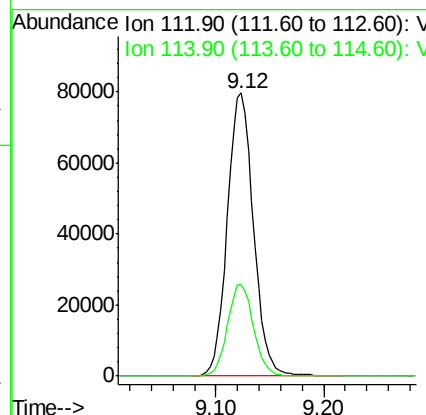
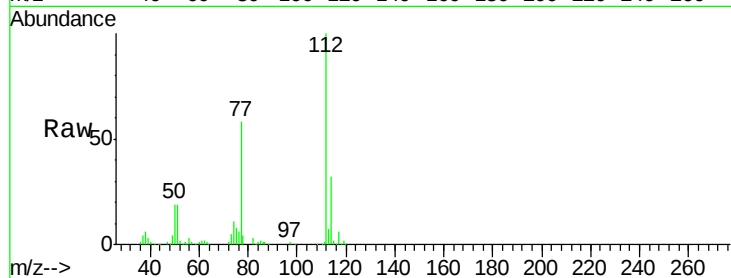
#65
Chlorobenzene
Concen: 22.114 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.6	38.4

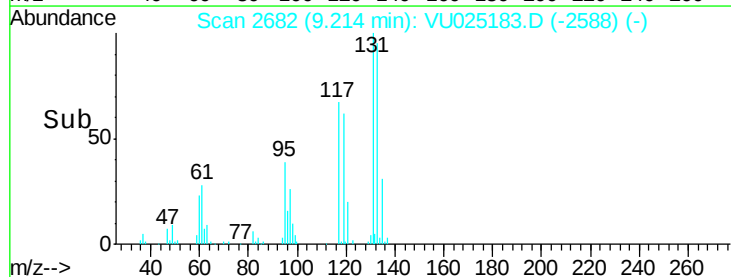
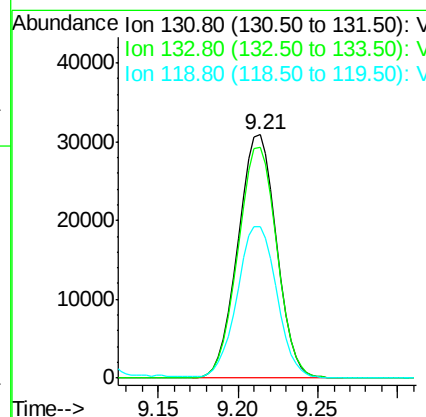
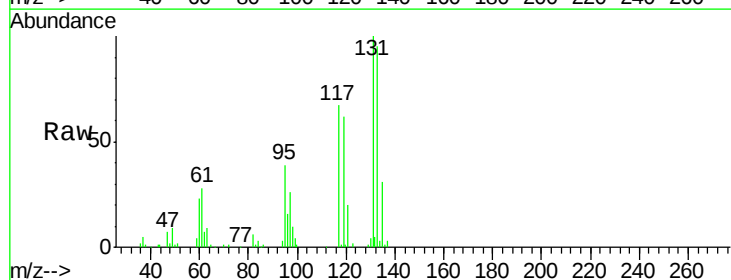
Manual Integrations
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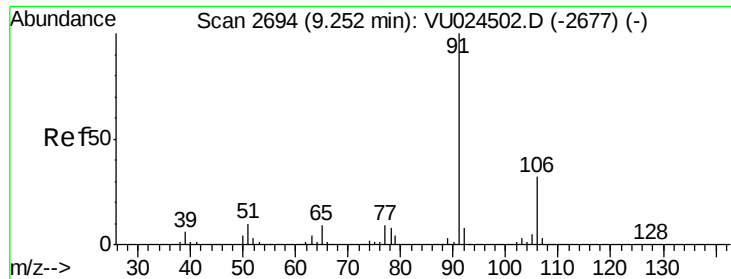
sam
7/5/2018 2:30:02 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.929 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	46.9	140.8
119	64.2	33.5	100.4





#67

Ethyl Benzene

Concen: 21.660 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion: 91 Resp: 230921

Ion Ratio Lower Upper

91 100

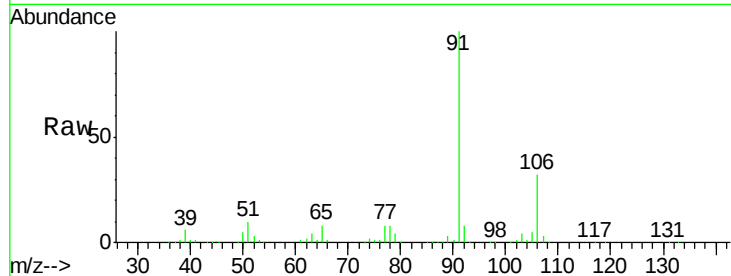
106 31.8 24.2 36.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-2677) (-)

Ion 106.00 (105.70 to 106.70): VU024502.D (-2677) (-)

9.25

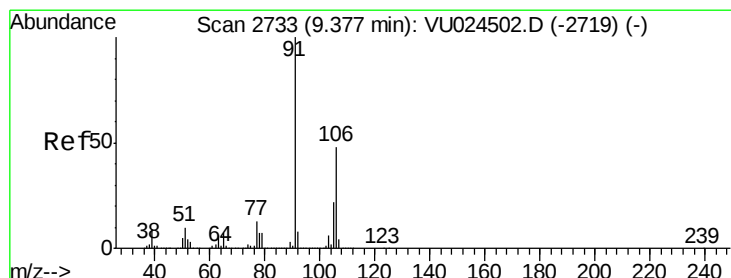
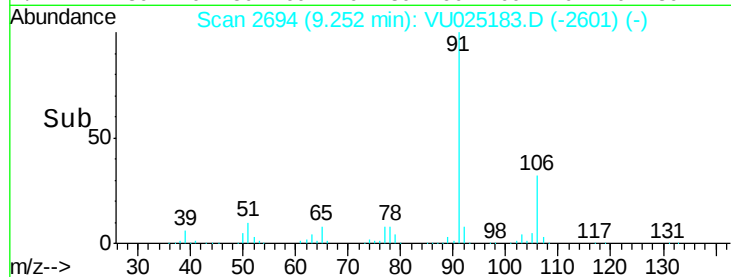
150000

100000

50000

0

Time-->



#68

m/p-Xylenes

Concen: 44.210 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025183.D

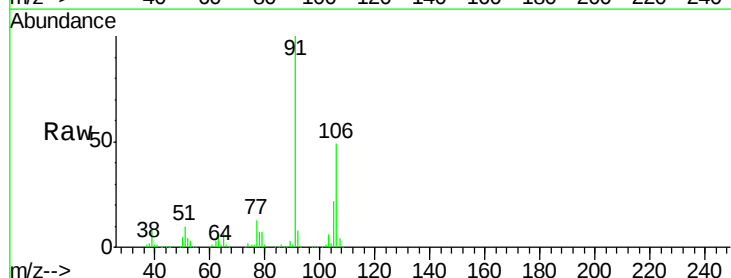
Acq: 03 Jul 2018 11:37

Tgt Ion: 106 Resp: 180993

Ion Ratio Lower Upper

106 100

91 201.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU024502.D (-2719) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-2719) (-)

9.38

250000

200000

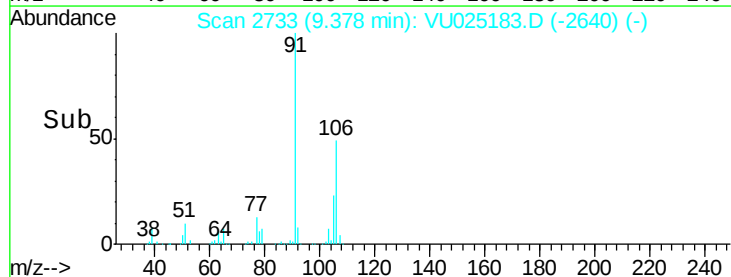
150000

100000

50000

0

Time-->





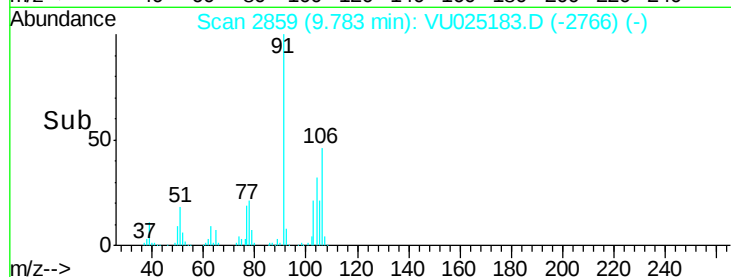
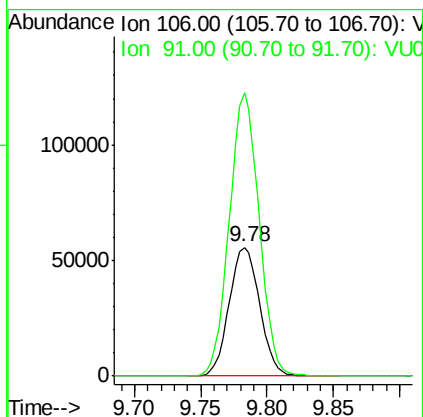
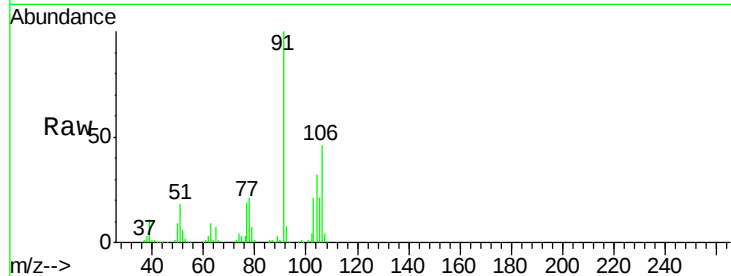
#69
o-Xylene
Concen: 22.015 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion:106 Resp: 89197
Ion Ratio Lower Upper
106 100
91 214.9 110.7 331.9

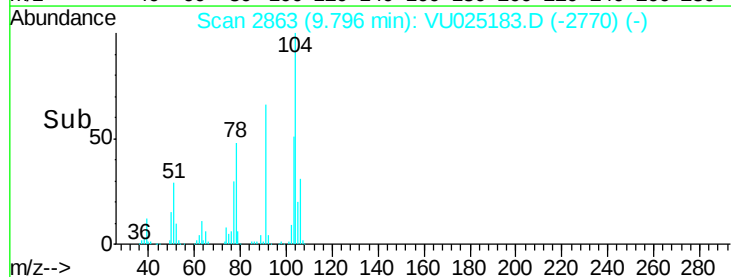
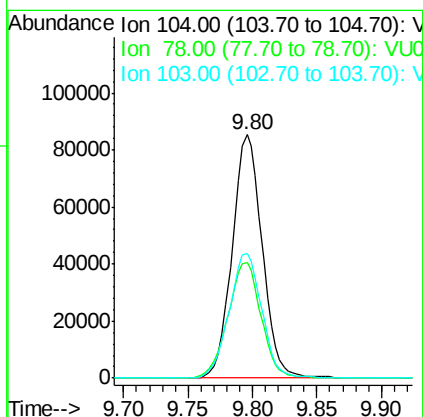
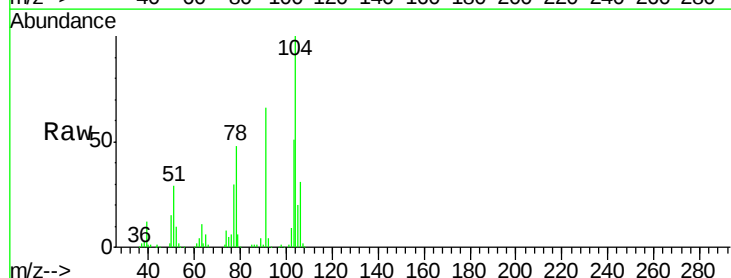
Manual Integrations
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sam
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#70
Styrene
Concen: 20.710 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:104 Resp: 137893
Ion Ratio Lower Upper
104 100
78 52.5 40.6 60.8
103 55.9 44.7 67.1





#71

Bromoform

Concen: 18.913 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

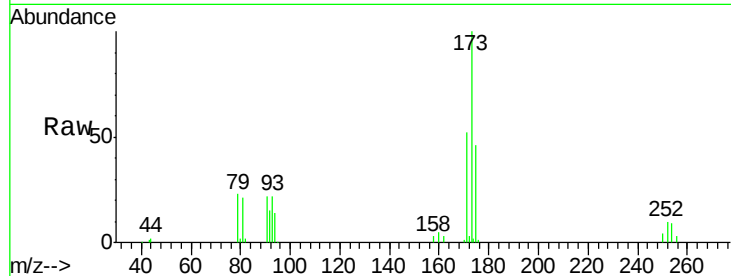
ClientSampleId :

VU0703WBS01

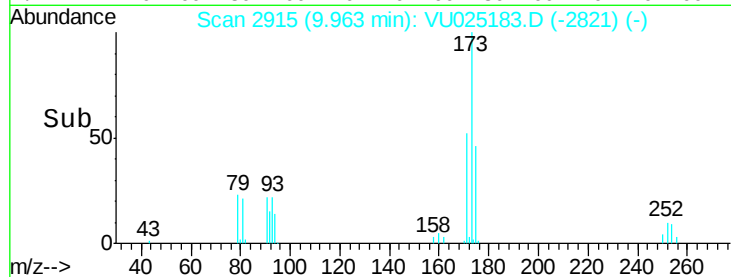
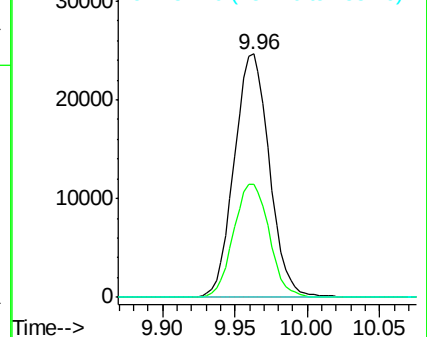
Tot Ion:	173	Resp:	41536
Ion Ratio	Lower	Upper	
173	100		
175	47.1	24.6	74.0
254	0.0	0.0	0.0

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: 50.000 ug/l

RT: 11.49 min Scan# 3389

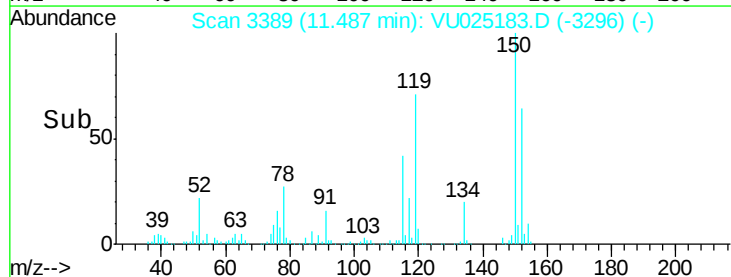
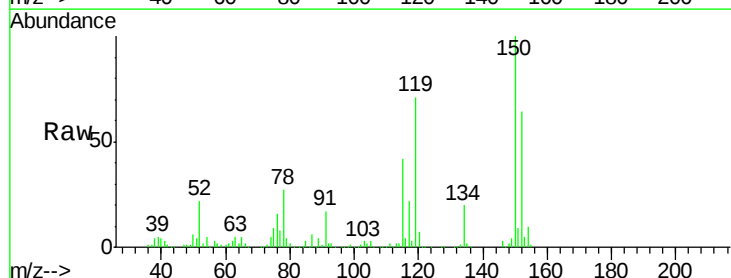
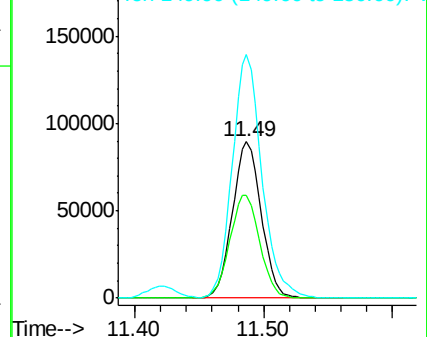
Delta R.T. 0.00 min

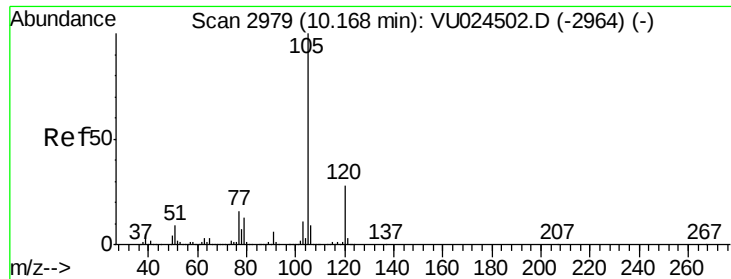
Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion:	152	Resp:	138694
Ion Ratio	Lower	Upper	
152	100		
115	68.4	43.0	129.0
150	160.6	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





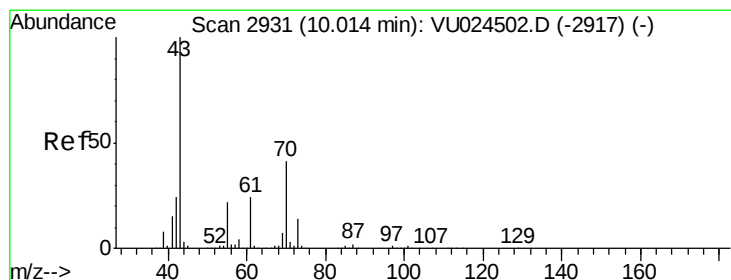
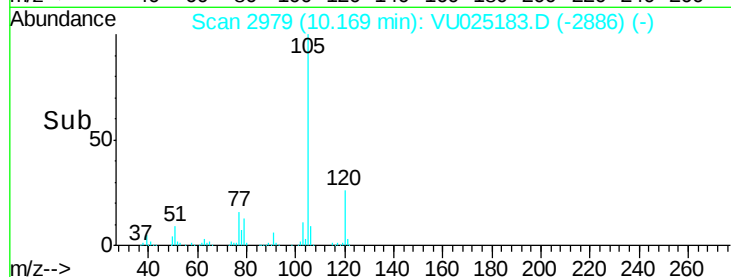
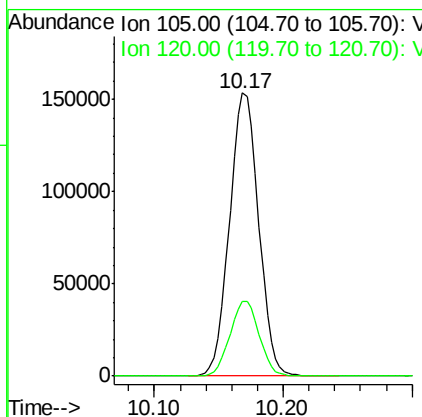
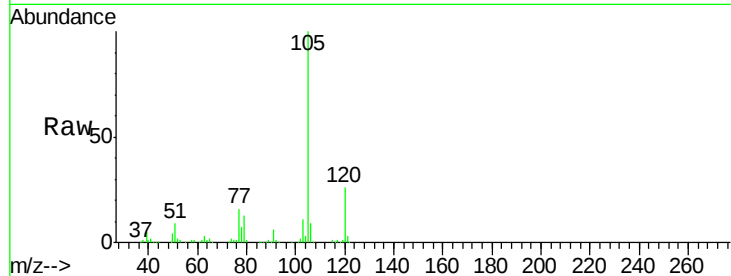
#73
Isopropylbenzene
Concen: 22.596 ug/l
RT: 10.17 min Scan# 2979
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.6

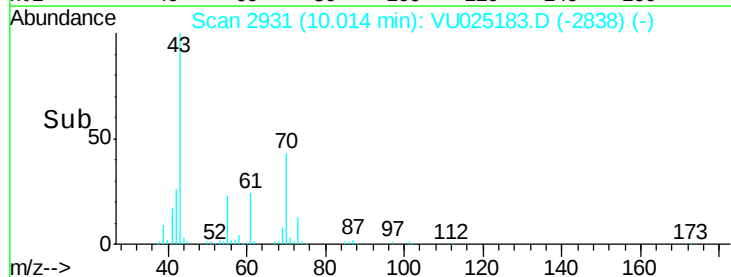
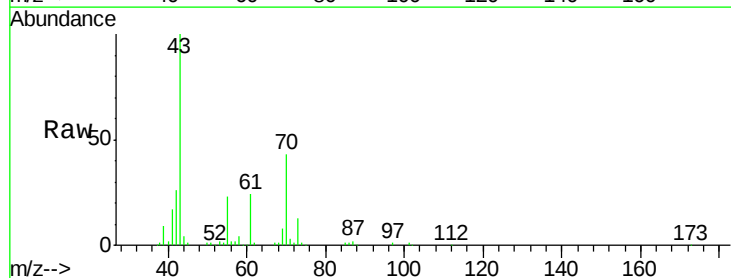
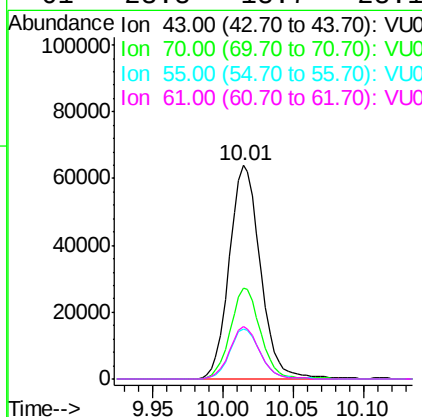
Manual Integrations
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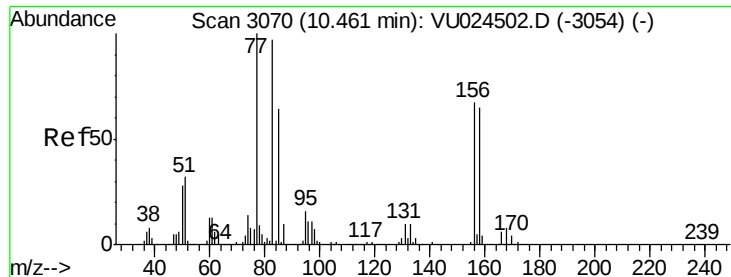
sam
7/5/2018 2:30:02 PM



#74
N-ethyl acetate
Concen: 19.435 ug/l
RT: 10.01 min Scan# 2931
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.4	32.2	48.4
55	23.3	20.5	30.7
61	23.8	18.7	28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.765 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion: 83 Resp: 81231
Ion Ratio Lower Upper

83 100

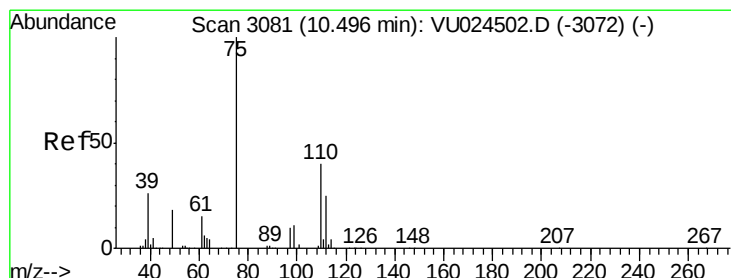
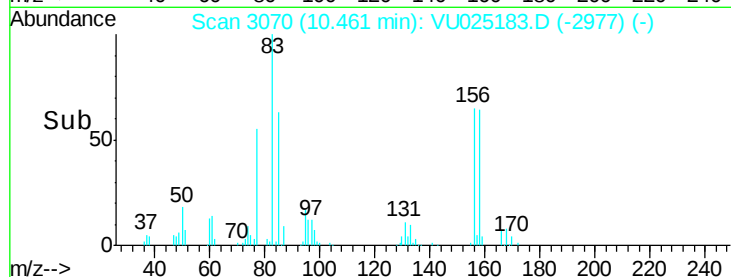
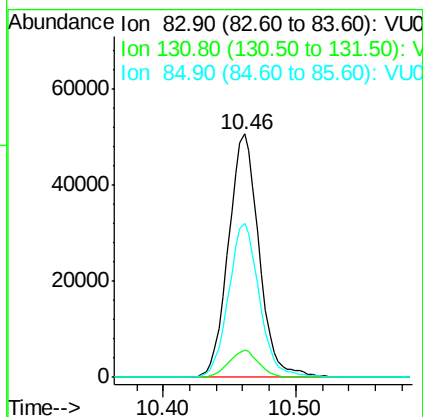
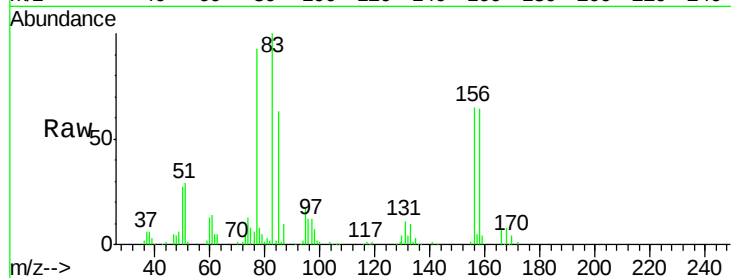
131 10.9 4.7 14.1

85 63.7 32.5 97.5

Manual Integrations
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sam

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#76

1,2,3-Trichloropropane

Concen: 23.231 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

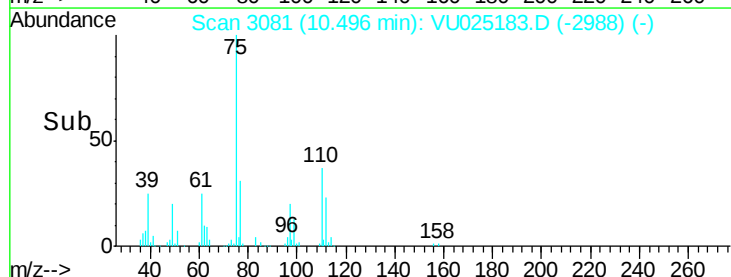
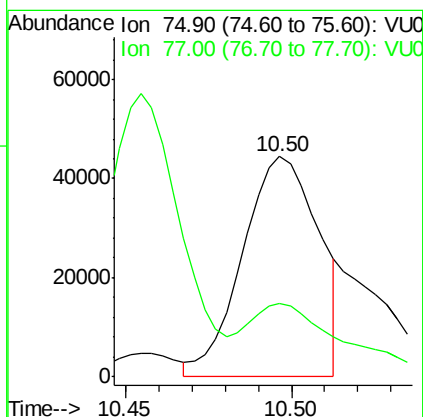
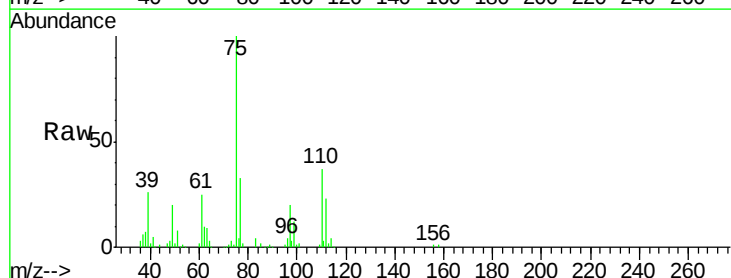
Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion: 75 Resp: 70936
Ion Ratio Lower Upper

75 100

77 43.2 20.9 62.7





#77

Bromobenzene

Concen: 22.635 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

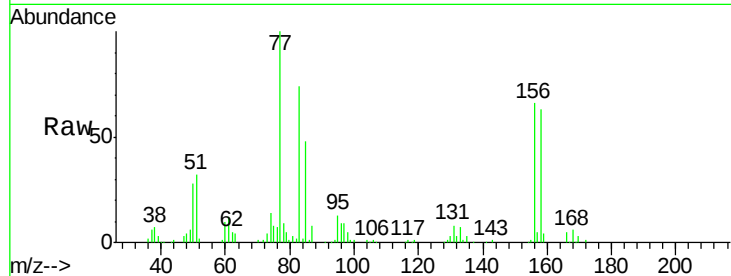
ClientSampleId :

VU0703WBS01

Tot Ion:	156	Resp:	61020
Ion Ratio	Lower	Upper	
156	100		
77	148.8	80.5	241.3
158	96.4	48.2	144.6

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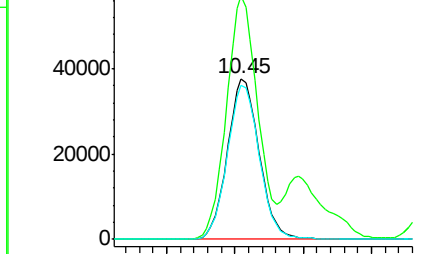
sam
7/5/2018 2:30:02 PM



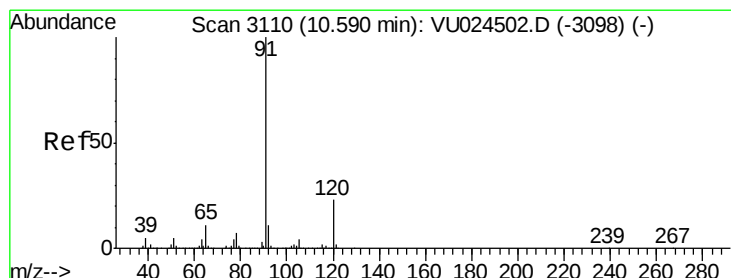
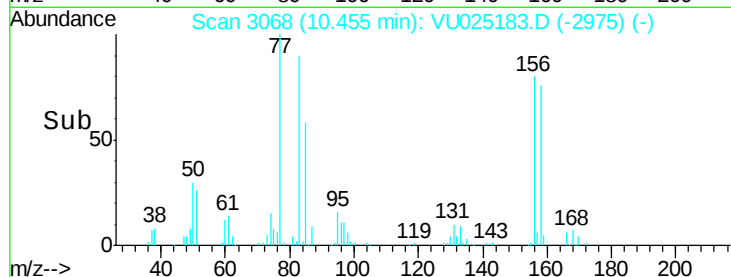
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 21.031 ug/l

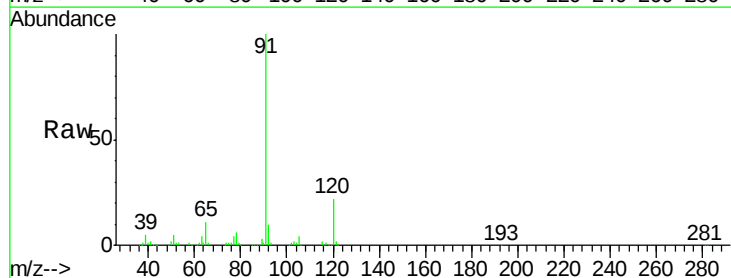
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025183.D

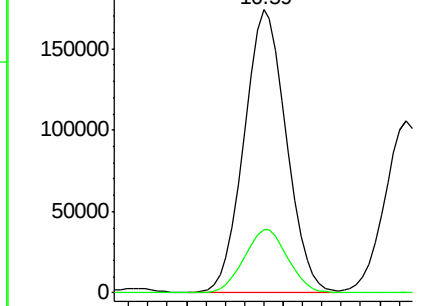
Acq: 03 Jul 2018 11:37

Tgt Ion:	91	Resp:	263802
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.2	33.5

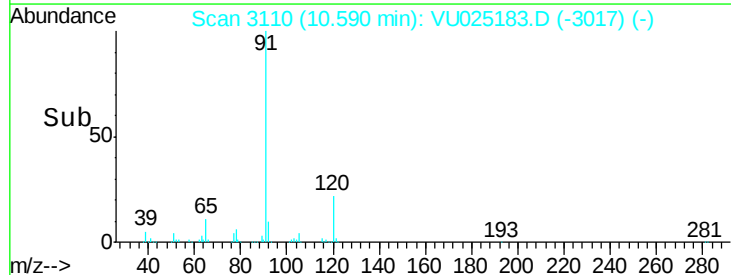


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 22.316 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion: 91 Resp: 165079

Ion Ratio Lower Upper

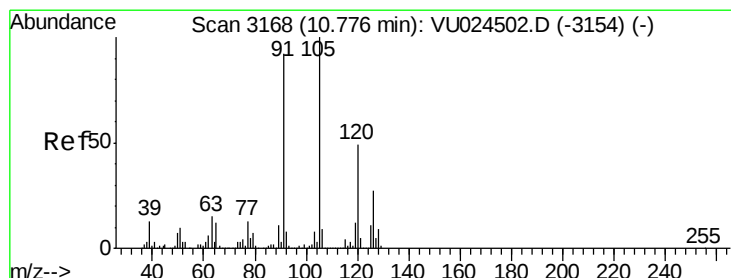
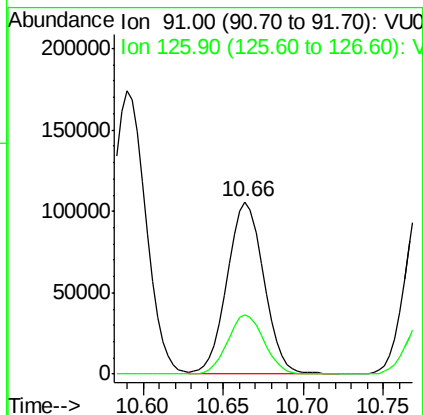
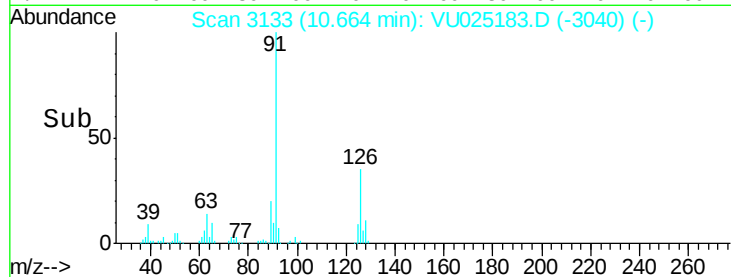
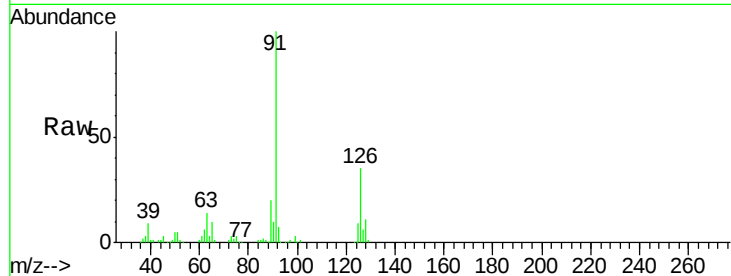
91 100

126 34.2 16.9 50.7

Manual Integrations
APPROVED

sam

7/5/2018 2:30:02 PM



#80

1,3,5-Trimethylbenzene

Concen: 21.918 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025183.D

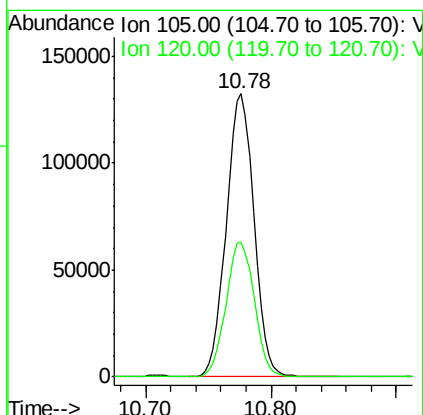
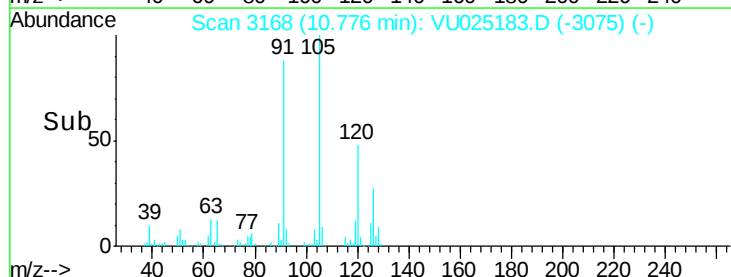
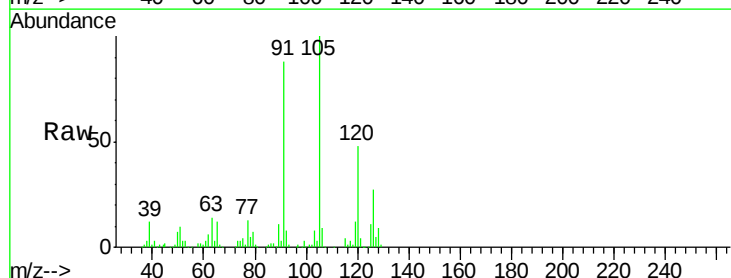
Acq: 03 Jul 2018 11:37

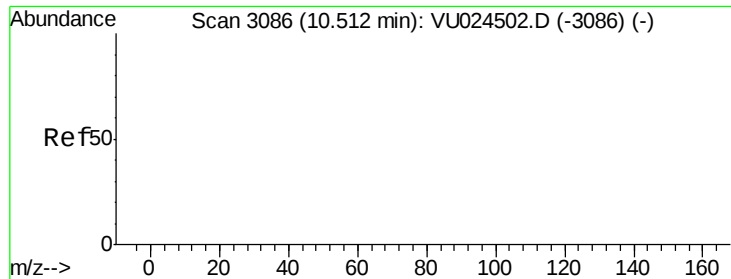
Tgt Ion: 105 Resp: 202287

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2





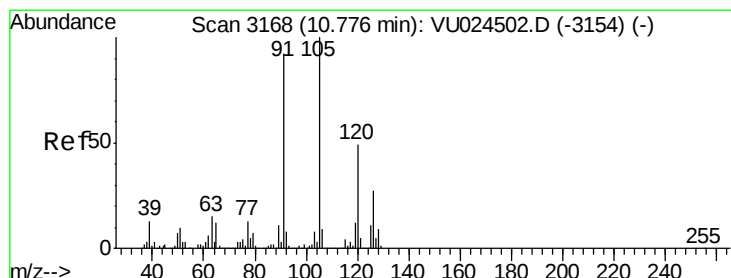
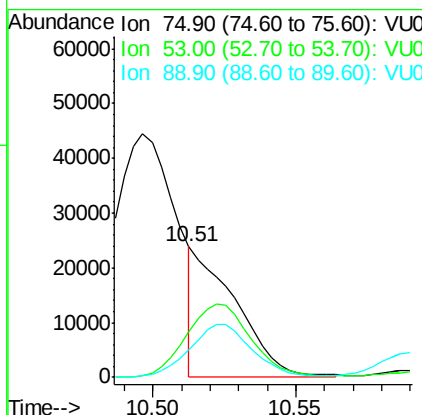
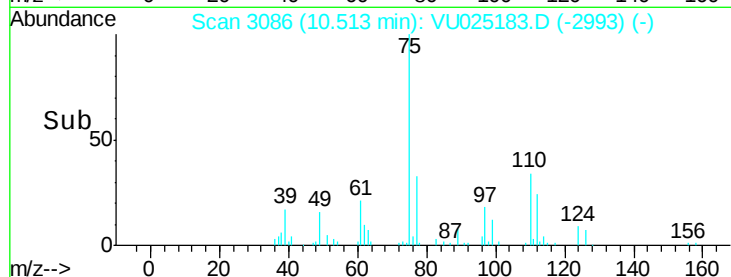
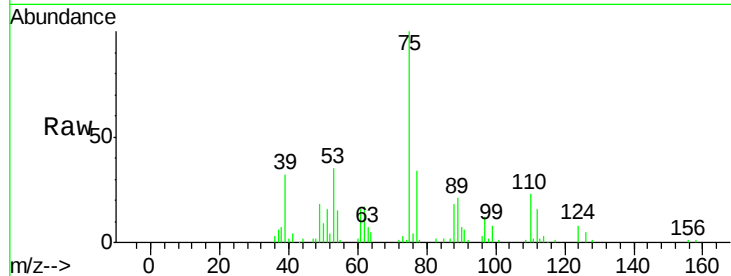
#81
trans-1,4-Dichloro-2-butene
Concen: 18.464 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

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

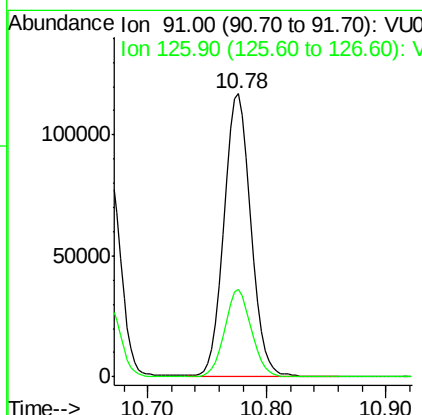
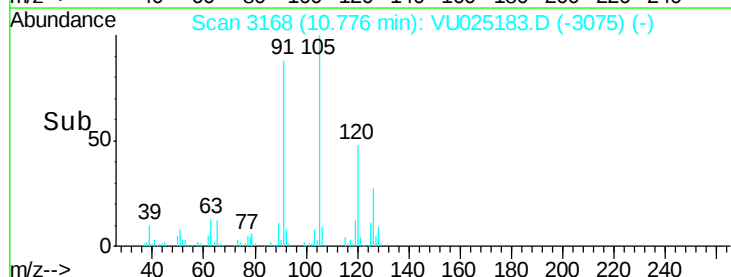
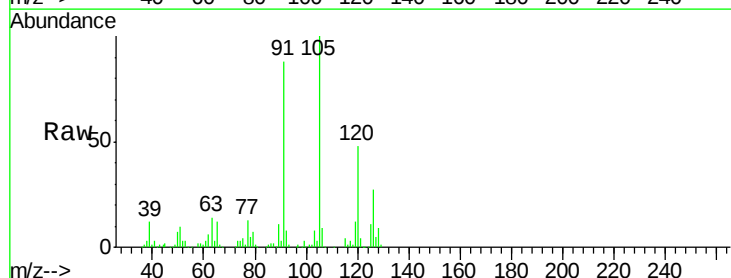
Manual Integrations
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#82
4-Chlorotoluene
Concen: 21.182 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	14.9	44.9





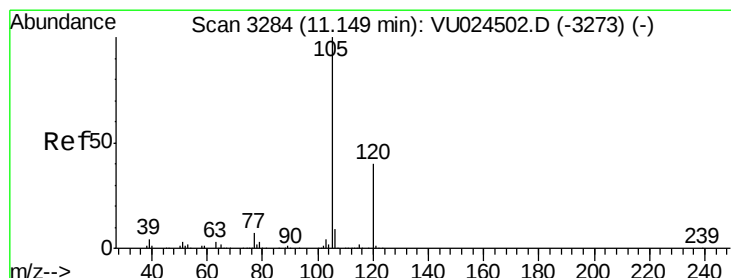
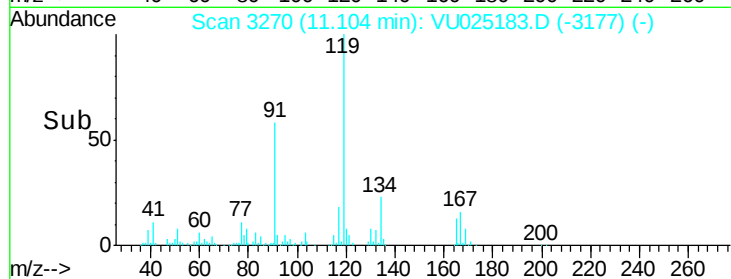
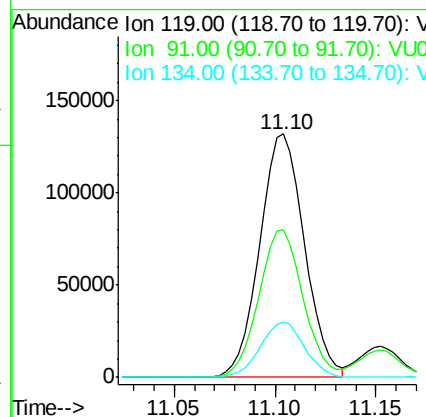
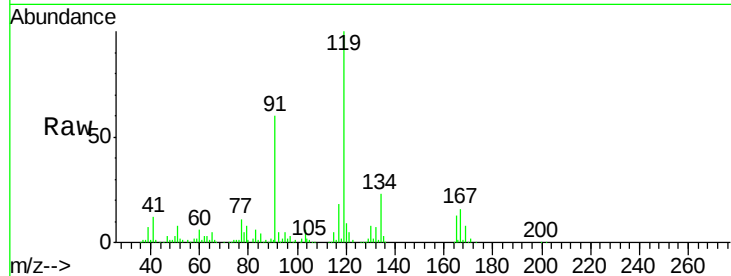
#83
tert-Butylbenzene
Concen: 23.018 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	204350		
91	59.8	29.7	89.1	
134	22.5	11.6	34.7	

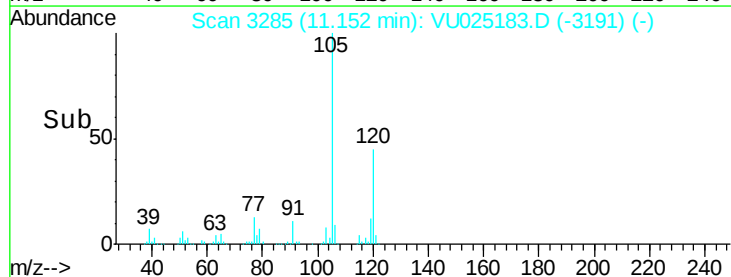
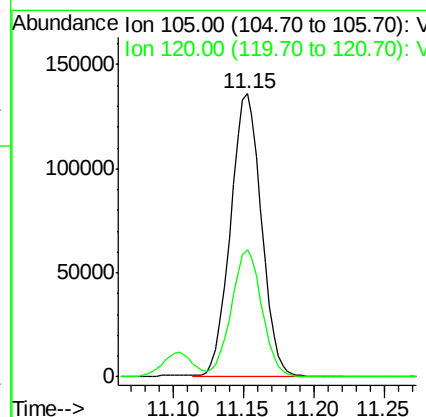
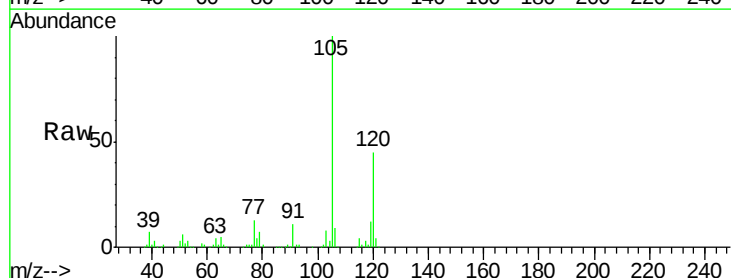
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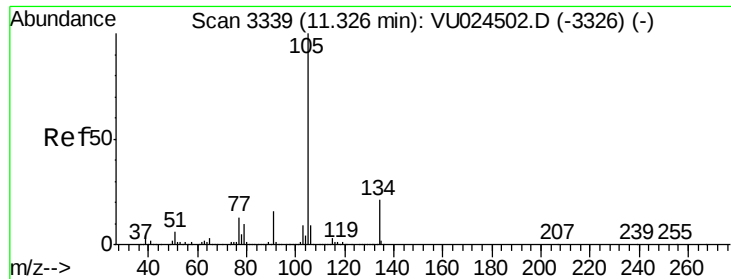
sam
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#84
1,2,4-Trimethylbenzene
Concen: 22.122 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	208073		
120	44.7	22.6	67.8	





#85

sec-Butylbenzene

Concen: 21.359 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion:105 Resp: 237366

Ion Ratio Lower Upper

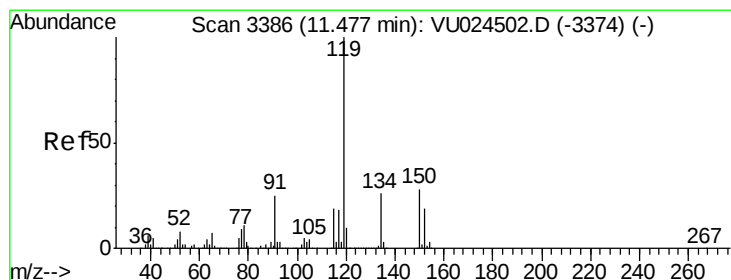
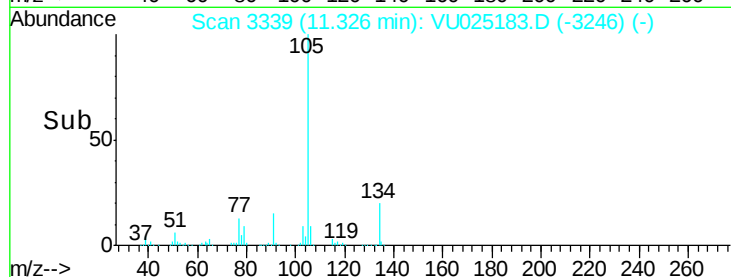
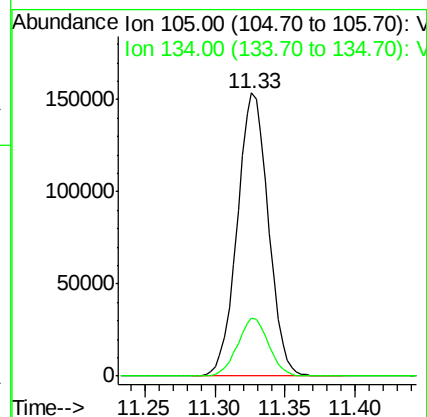
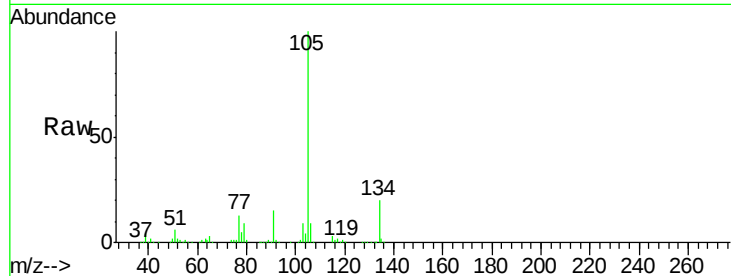
105 100

134 20.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 20.924 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

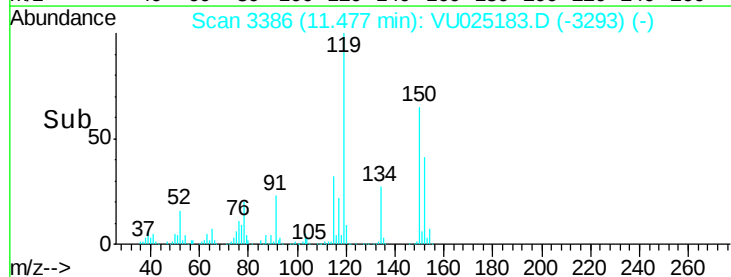
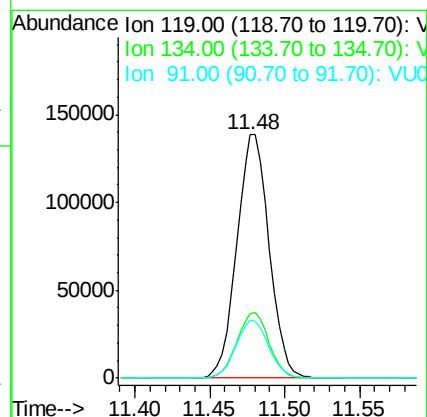
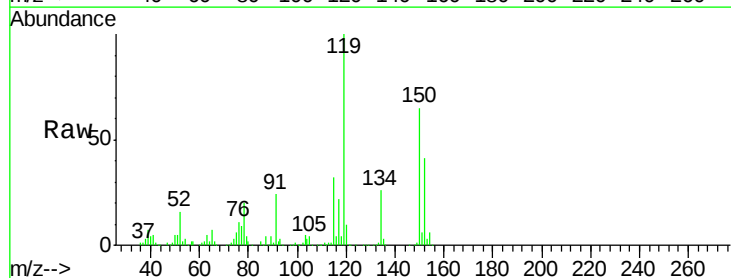
Tgt Ion:119 Resp: 208257

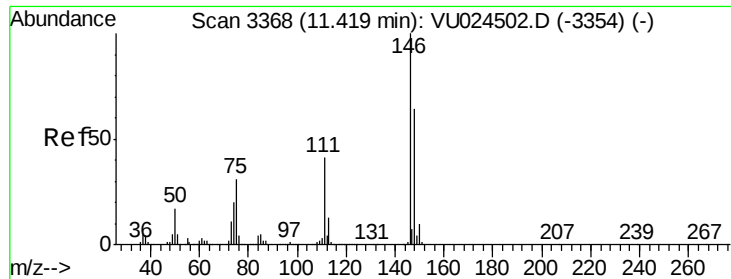
Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

91 24.0 12.0 36.1





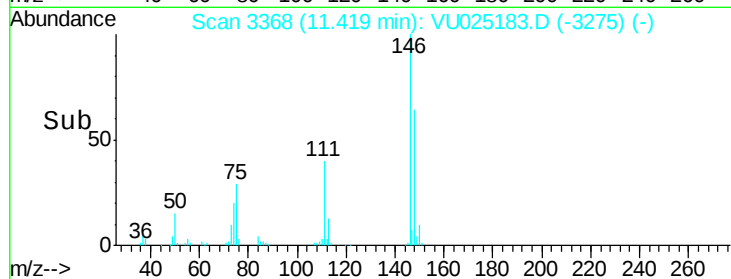
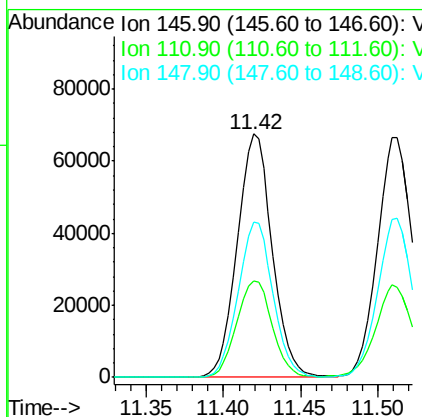
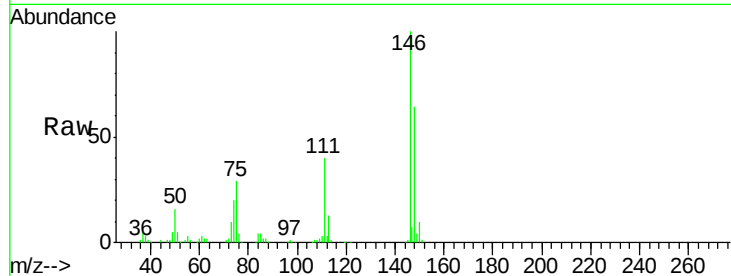
#87
 1,3-Dichlorobenzene
 Concen: 21.277 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	63.6	32.1	96.5

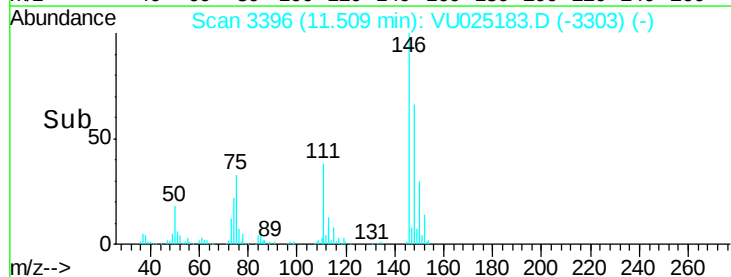
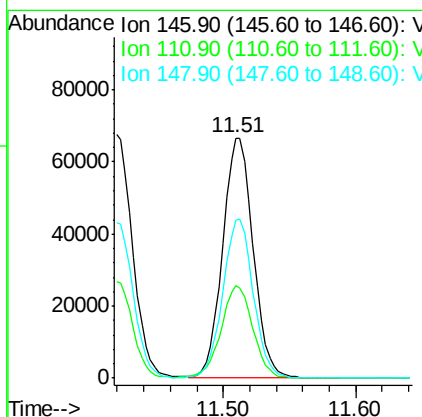
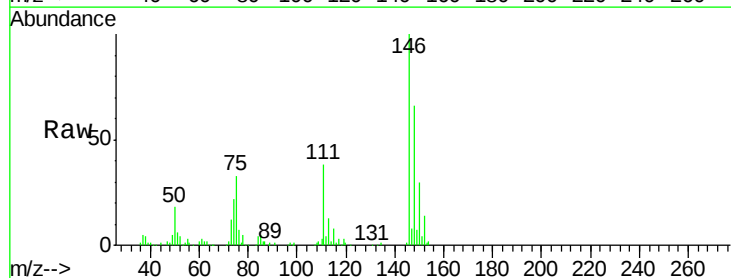
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#88
 1,4-Dichlorobenzene
 Concen: 21.249 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.5	58.5
148	66.0	32.4	97.0





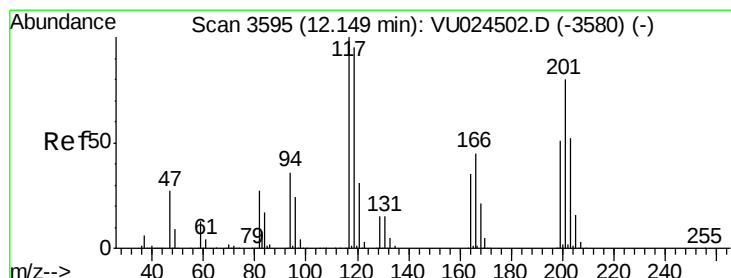
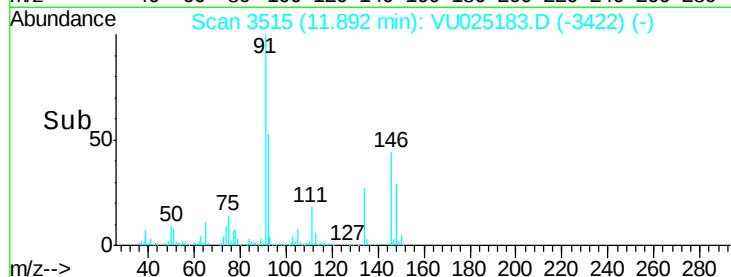
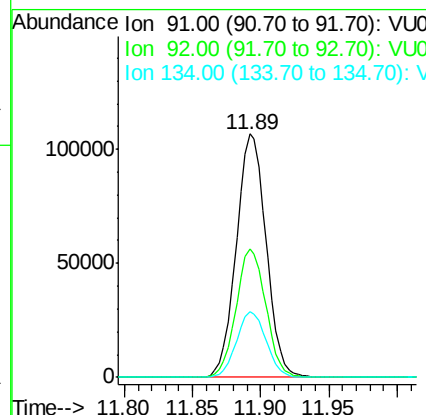
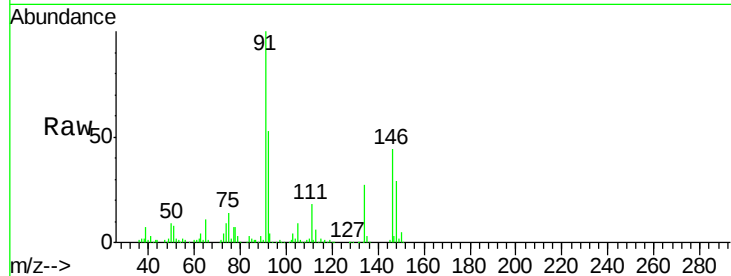
#89
n-Butylbenzene
Concen: 18.310 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampled :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.6	76.8
134	27.0	12.3	36.8

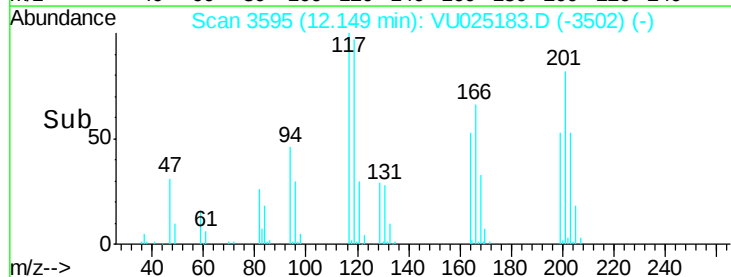
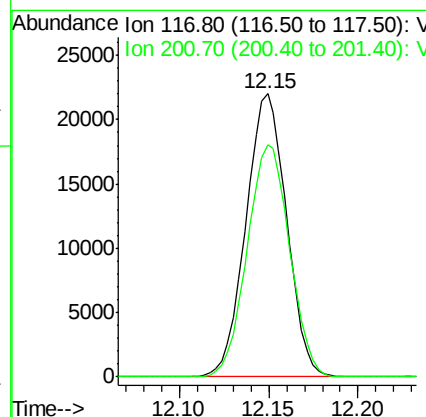
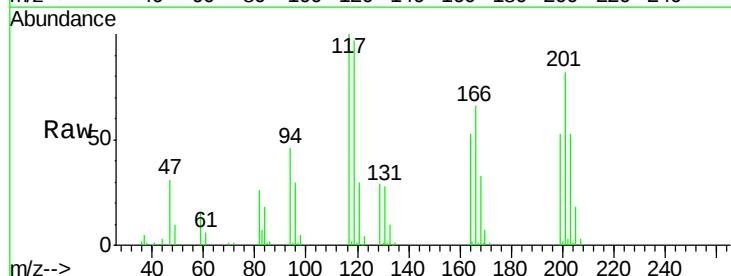
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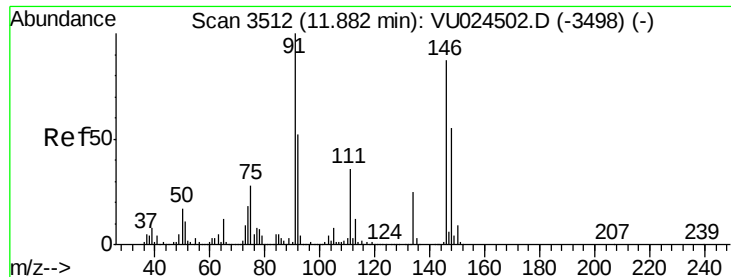
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#90
Hexachloroethane
Concen: 18.111 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	41.1	123.3





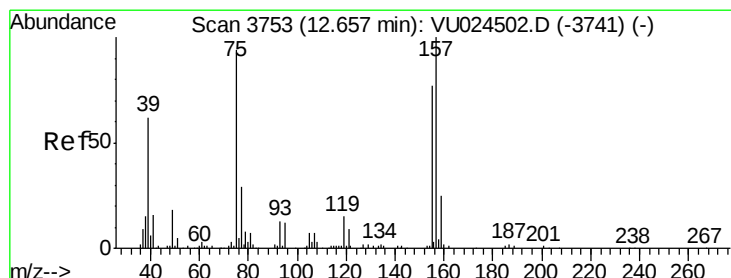
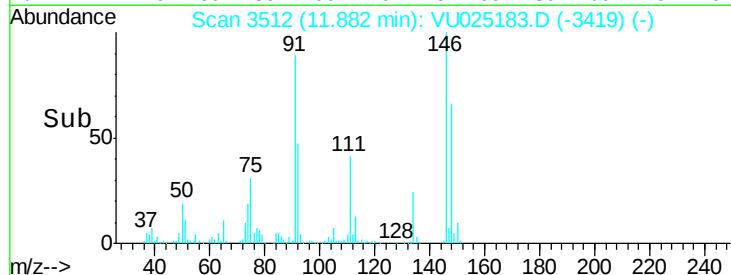
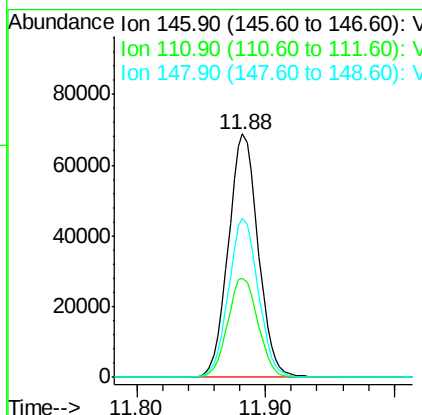
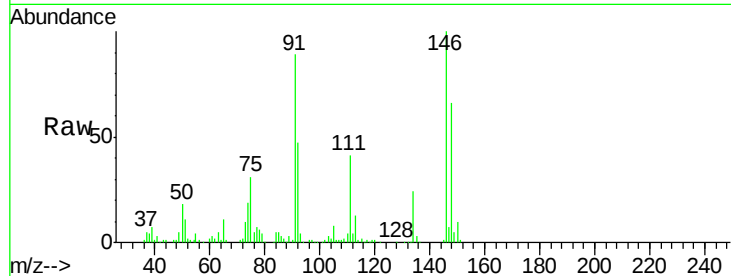
#91
 1,2-Dichlorobenzene
 Concen: 22.125 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	65.2	31.9	95.7

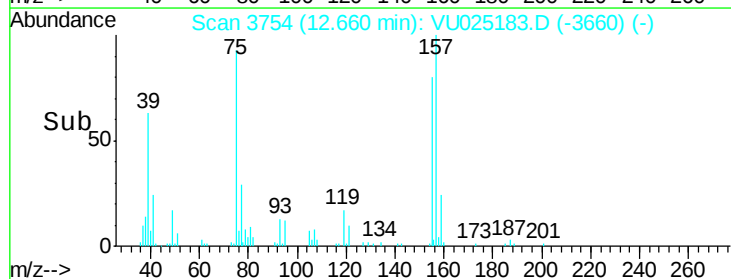
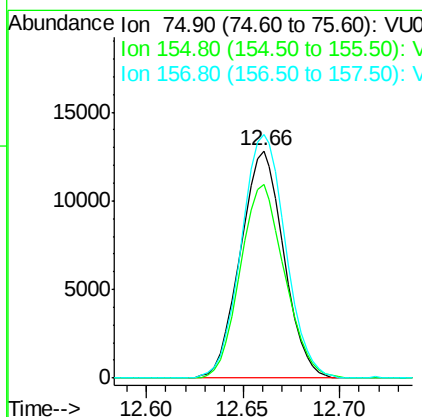
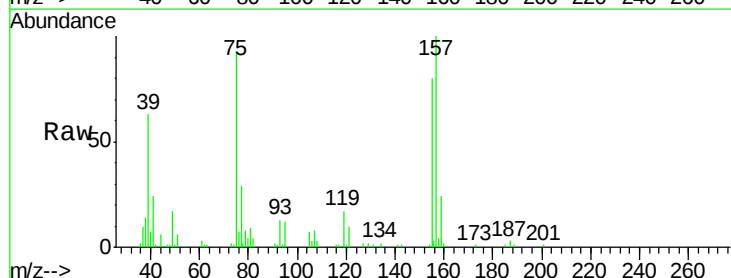
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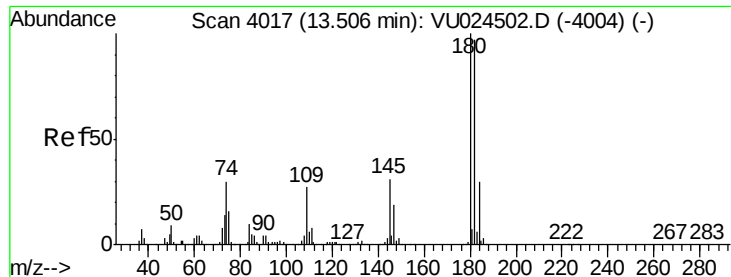
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.295 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	40.4	121.2
157	109.7	52.3	156.8





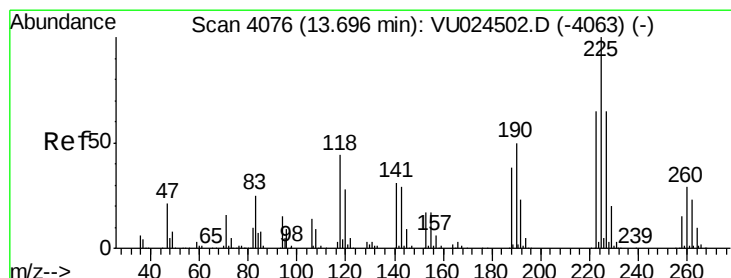
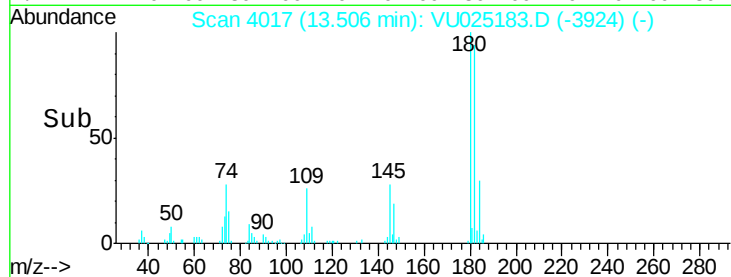
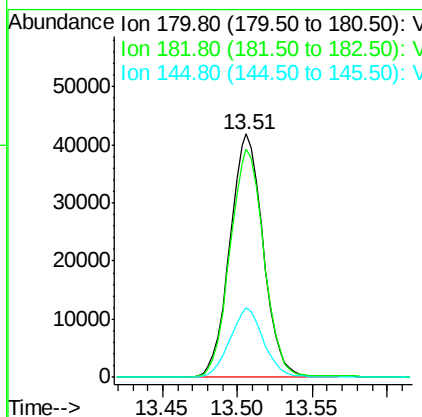
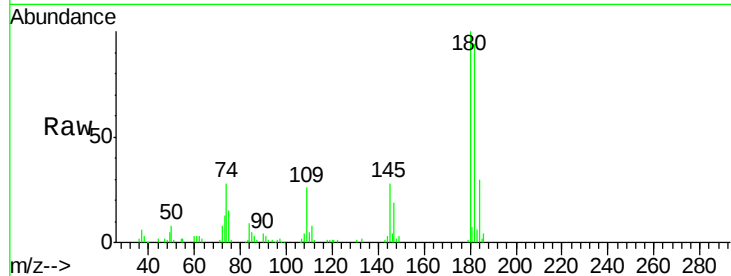
#93
 1,2,4-Trichlorobenzene
 Concen: 21.044 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	64828		
182	94.9	48.0	144.2	
145	28.8	14.7	44.1	

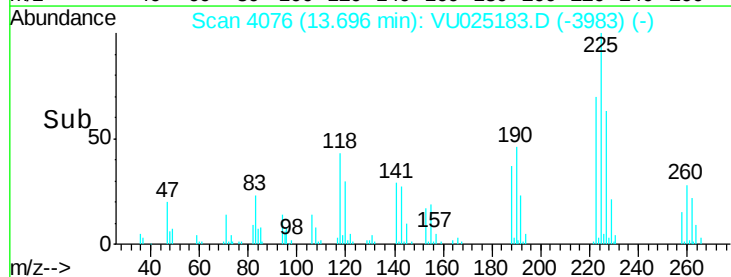
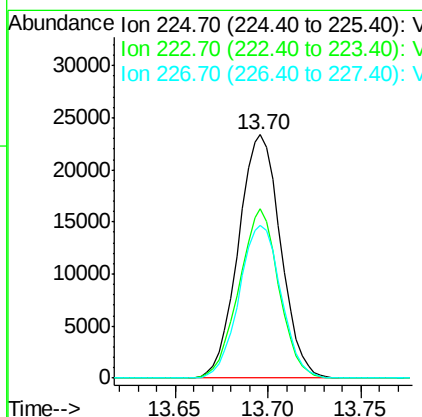
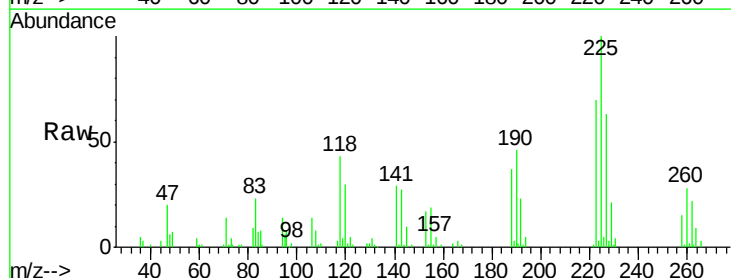
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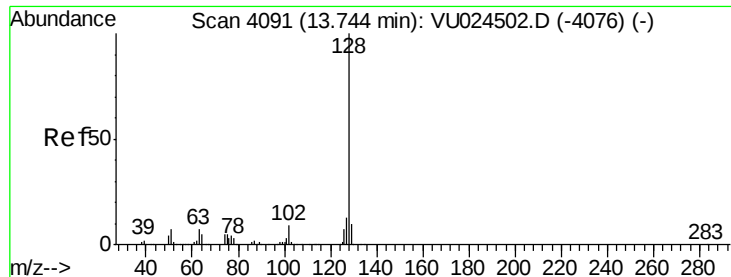
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#94
 Hexachlorobutadiene
 Concen: 21.290 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36914		
223	65.5	31.3	93.8	
227	62.2	31.8	95.4	





#95

Naphthalene

Concen: 21.725 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

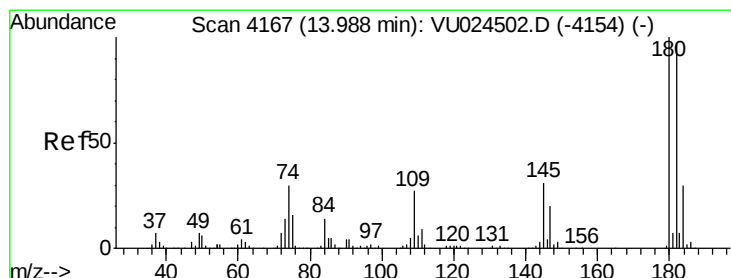
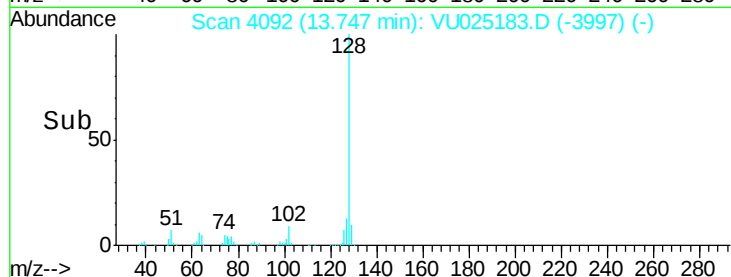
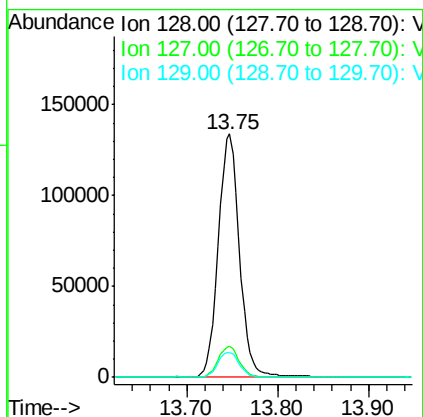
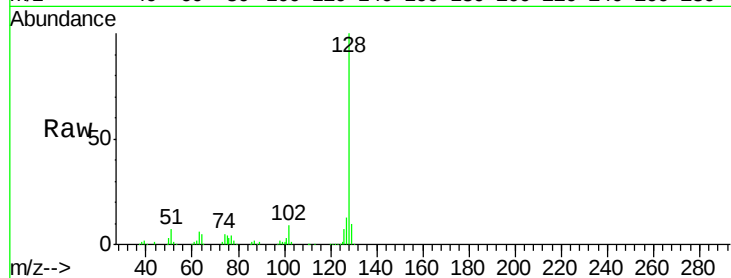
ClientSampleId :

VU0703WBS01

Tot Ion:	128	Resp:	217581
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	10.5	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 21.973 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion:	180	Resp:	67449
Ion Ratio	Lower	Upper	
180	100		
182	97.5	47.9	143.7
145	31.5	15.4	46.1

