

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024983.D
 Acq On : 27 Jun 2018 22:31
 Operator : MD/SY
 Sample : VU0627MBS04
 Misc : 5.00µg/10mL/100µL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:37:03 PM

Quant Time: Jun 28 05:12:13 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	176478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275180	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	257424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147962	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	146076	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	4.89	113	113007	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	7.57	98	386342	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
62) 4-Bromofluorobenzene	10.31	95	153020	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	35725	16.17	ug/l	100
3) Chloromethane	1.33	50	38979	17.27	ug/l	97
4) Vinyl Chloride	1.40	62	41279	17.74	ug/l	93
5) Bromomethane	1.62	94	28167	25.04	ug/l	99
6) Chloroethane	1.70	64	27180	20.27	ug/l	99
7) Trichlorofluoromethane	1.89	101	69665	19.61	ug/l	96
8) Diethyl Ether	2.10	74	25865	20.28	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	39204	17.79	ug/l	98
10) Methyl Iodide	2.41	142	42130	25.49	ug/l	98
11) Tert butyl alcohol	2.82	59	63628	90.81	ug/l	97
12) 1,1-Dichloroethene	2.28	96	38612	19.22	ug/l	91
13) Acrolein	2.19	56	25252	68.63	ug/l	97
14) Allyl chloride	2.60	41	63534	17.03	ug/l	98
15) Acrylonitrile	2.93	53	128542	94.29	ug/l	99
16) Acetone	2.32	43	125827	81.28	ug/l	98
17) Carbon Disulfide	2.48	76	106229	16.51	ug/l	98
18) Methyl Acetate	2.62	43	76184	22.96	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	151819	20.10	ug/l	97
20) Methylene Chloride	2.70	84	47809	19.68	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	40866	18.46	ug/l	97
22) Diisopropyl ether	3.57	45	142059	19.21	ug/l	93
23) Vinyl Acetate	3.53	43	586613	88.54	ug/l	100
24) 1,1-Dichloroethane	3.45	63	82522	19.39	ug/l	99
25) 2-Butanone	4.26	43	189031	90.91	ug/l	96
26) 2,2-Dichloropropane	4.23	77	66924	16.56	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	48766	19.17	ug/l	99
28) Bromochloromethane	4.55	49	38729	20.67	ug/l	83
29) Tetrahydrofuran	4.64	42	119494	92.80	ug/l	96
30) Chloroform	4.68	83	86202	20.02	ug/l	97
31) Cyclohexane	5.00	56	74922	18.59	ug/l	90
32) 1,1,1-Trichloroethane	4.92	97	79707	20.01	ug/l	96
36) 1,1-Dichloropropene	5.14	75	60319	18.65	ug/l	97
37) Ethyl Acetate	4.38	43	70112	19.89	ug/l	97
38) Carbon Tetrachloride	5.14	117	68187	19.18	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	73659	18.25	ug/l	96
40) Benzene	5.39	78	180284	19.57	ug/l	98
41) Methacrylonitrile	4.54	41	37931	19.96	ug/l	97
42) 1,2-Dichloroethane	5.41	62	74269	21.16	ug/l	100
43) Isopropyl Acetate	5.55	43	109591	17.99	ug/l	98
44) Trichloroethene	6.19	130	47960	18.29	ug/l	96
45) 1,2-Dichloropropane	6.44	63	46160	18.78	ug/l	97
46) Dibromomethane	6.56	93	35536	20.58	ug/l	97
47) Bromodichloromethane	6.76	83	64835	18.85	ug/l	98
48) Methyl methacrylate	6.63	41	58849	19.84	ug/l	97
49) 1,4-Dioxane	6.62	88	25373	437.37	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	362970	94.84	ug/l	99
52) Toluene	7.64	92	114293	19.28	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	67891	17.58	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	72060	17.51	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	46963	19.49	ug/l	98
56) Ethyl methacrylate	8.02	69	73632	18.26	ug/l	99
57) 1,3-Dichloropropane	8.25	76	79442	19.54	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	42548	27.54	ug/l	93
59) 2-Hexanone	8.36	43	282703	90.48	ug/l	100
60) Dibromochloromethane	8.48	129	51407	17.11	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52480	19.57	ug/l	97
64) Tetrachloroethene	8.23	164	48677	19.89	ug/l	94
65) Chlorobenzene	9.12	112	127484	19.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	48364	19.36	ug/l	97
67) Ethyl Benzene	9.25	91	222355	19.29	ug/l	98
68) m/p-Xylenes	9.38	106	172884	39.05	ug/l	97
69) o-Xylene	9.78	106	84804	19.36	ug/l	99
70) Styrene	9.80	104	134474	18.68	ug/l	98
71) Bromoform	9.96	173	39248	16.53	ug/l #	99
73) Isopropylbenzene	10.17	105	233376	20.54	ug/l	99
74) N-amyl acetate	10.01	43	96108	17.79	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	75668	19.88	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	69915m	21.46	ug/l	
77) Bromobenzene	10.45	156	57802	20.10	ug/l	95
78) n-propylbenzene	10.59	91	251557	18.80	ug/l	96
79) 2-Chlorotoluene	10.66	91	156466	19.83	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	195769	19.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	22596m	16.05	ug/l	
82) 4-Chlorotoluene	10.78	91	175403	19.10	ug/l	99
83) tert-Butylbenzene	11.10	119	194847	20.57	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	195269	19.46	ug/l	100
85) sec-Butylbenzene	11.33	105	231190	19.50	ug/l	100
86) p-Isopropyltoluene	11.48	119	199774	18.81	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	102957	19.38	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	102723	19.21	ug/l	99
89) n-Butylbenzene	11.89	91	153420	16.27	ug/l	97
90) Hexachloroethane	12.15	117	35947	17.35	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	107665	20.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20132	19.17	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	62616	19.05	ug/l	98
94) Hexachlorobutadiene	13.70	225	34804	18.82	ug/l	99
95) Naphthalene	13.74	128	216883	20.34	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	69067	21.09	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion:168 Resp: 176478

Ion Ratio Lower Upper

168 100

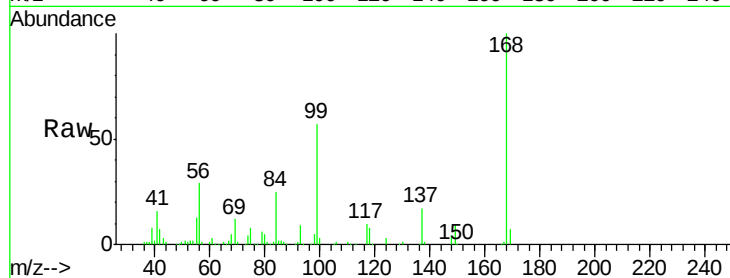
99 56.2 43.2 64.8

Manual Integrations

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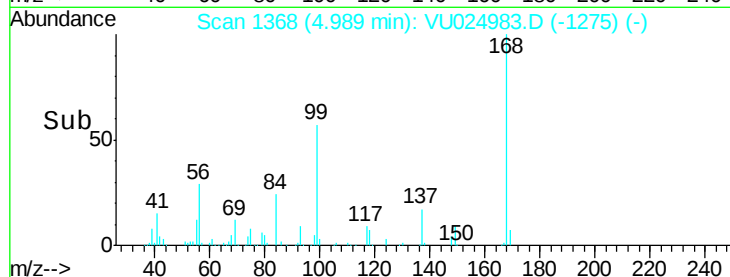
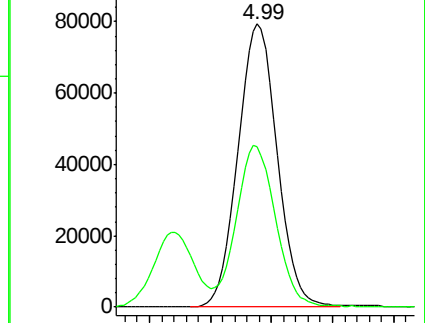
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 16.17 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024983.D

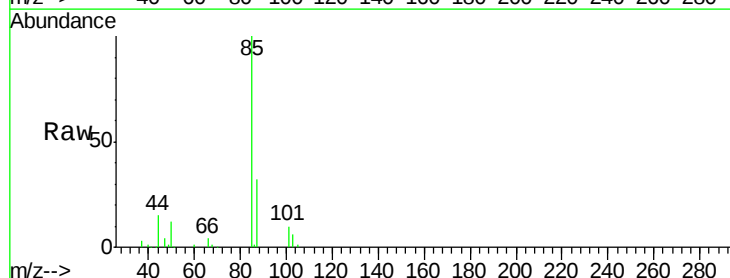
Acq: 27 Jun 2018 22:31

Tgt Ion: 85 Resp: 35725

Ion Ratio Lower Upper

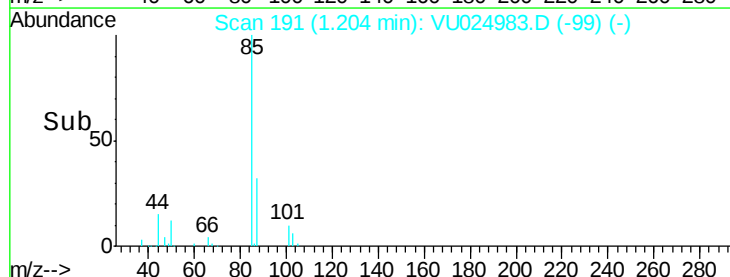
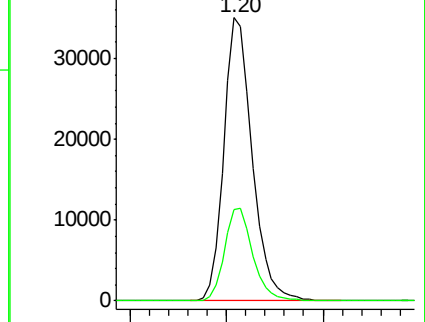
85 100

87 32.3 16.1 48.2



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

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





#3

Chloromethane

Concen: 17.27 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion: 50 Resp: 38979

Ion Ratio Lower Upper

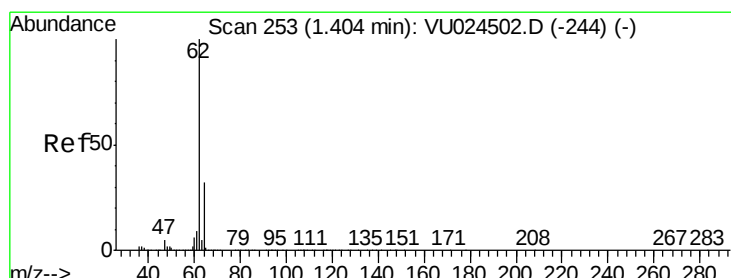
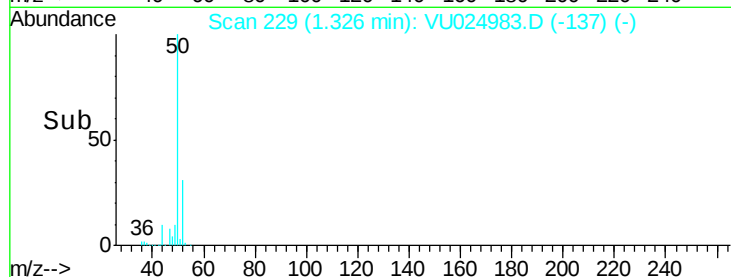
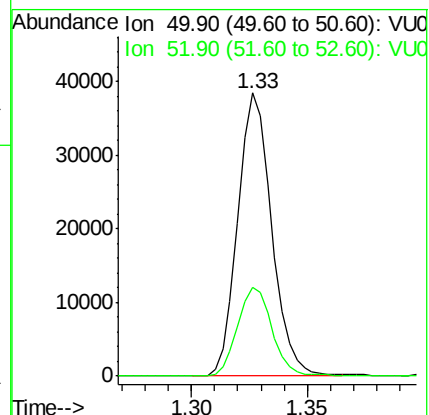
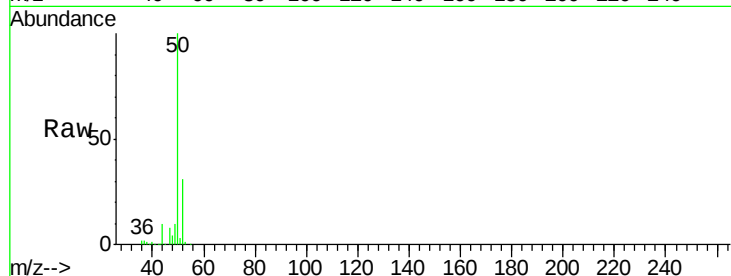
50 100

52 31.4 26.4 39.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.74 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024983.D

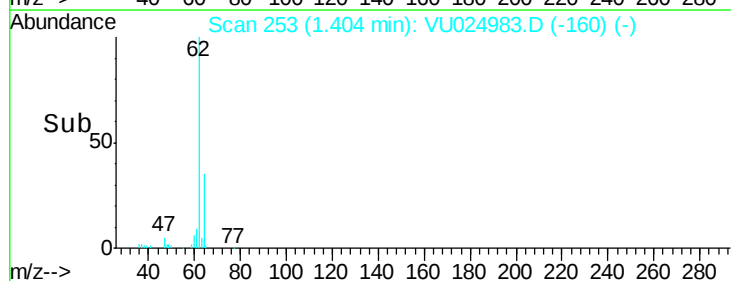
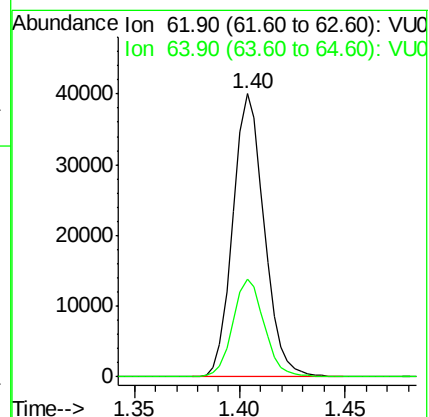
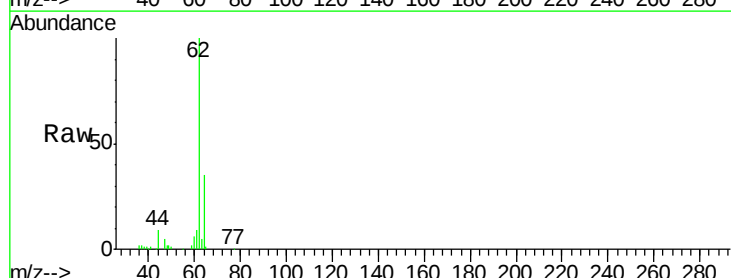
Acq: 27 Jun 2018 22:31

Tgt Ion: 62 Resp: 41279

Ion Ratio Lower Upper

62 100

64 34.6 24.8 37.2





#5

Bromomethane

Concen: 25.04 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion: 94 Resp: 28167

Ion Ratio Lower Upper

94 100

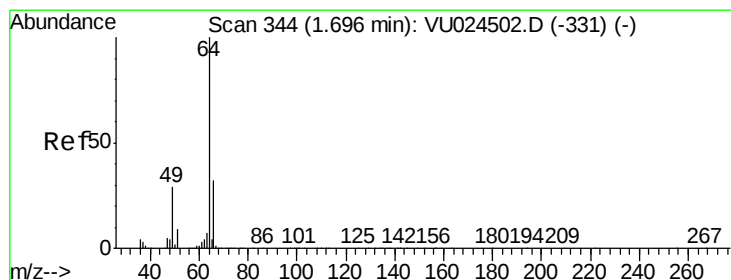
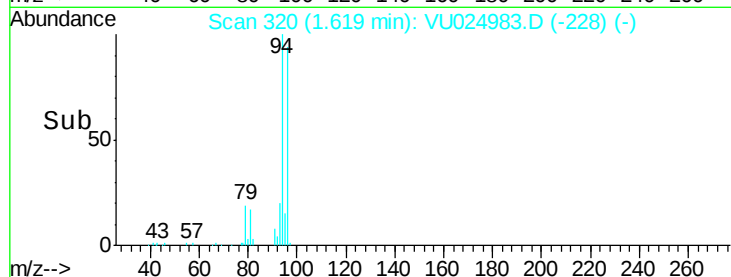
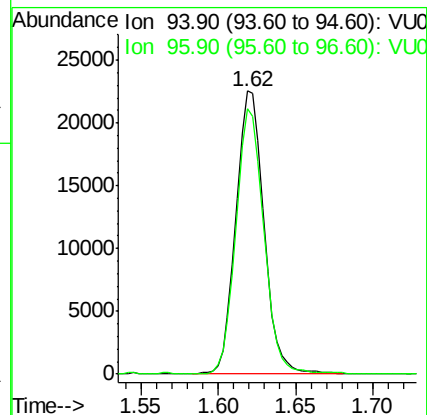
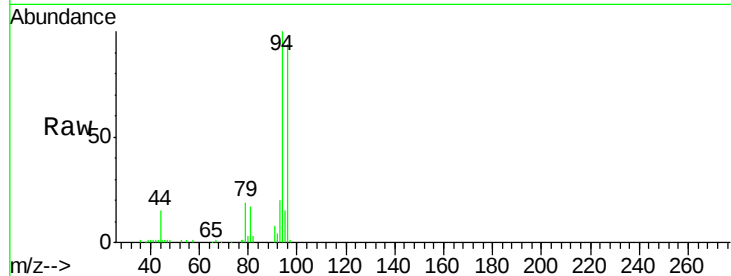
96 93.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 20.27 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024983.D

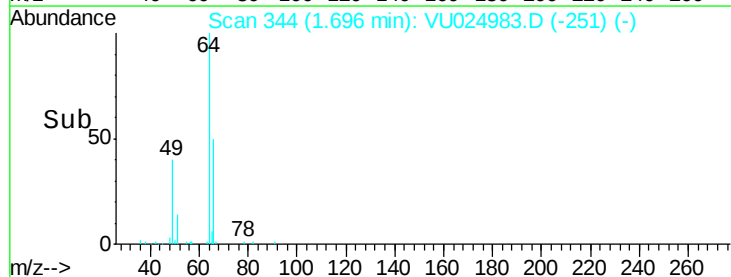
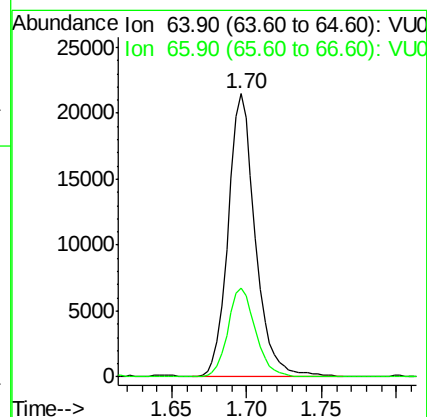
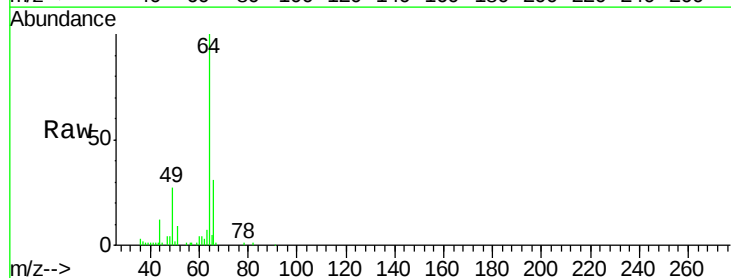
Acq: 27 Jun 2018 22:31

Tgt Ion: 64 Resp: 27180

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

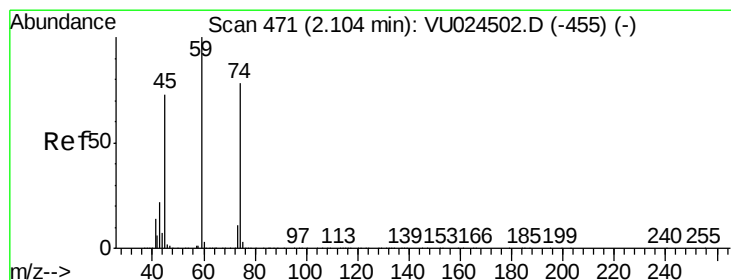
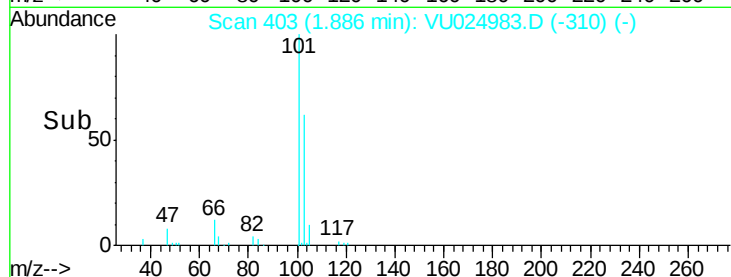
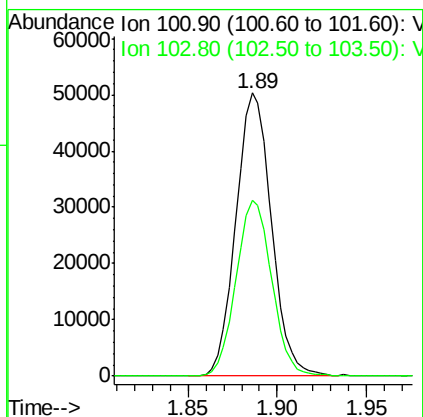
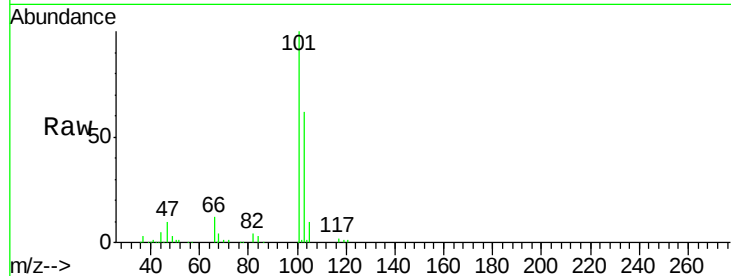
Trichlorofluoromethane
Concen: 19.61 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

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VU0627MBS04

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	52.3	78.5

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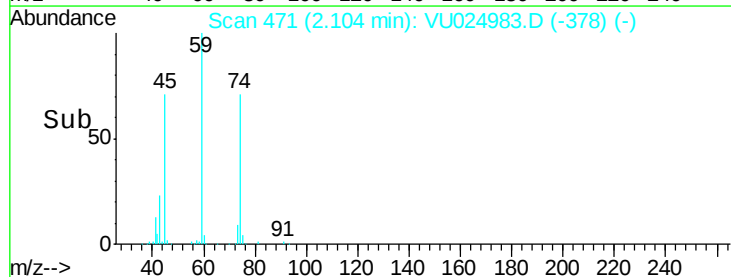
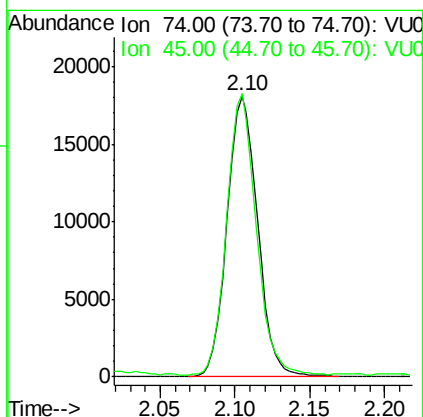
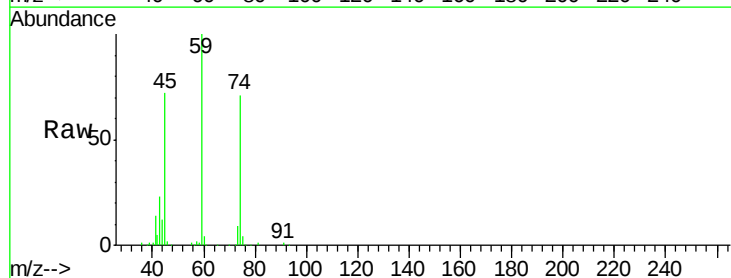
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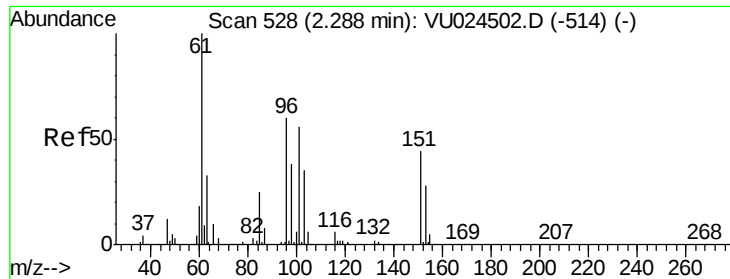


#8

Diethyl Ether
Concen: 20.28 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.79 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

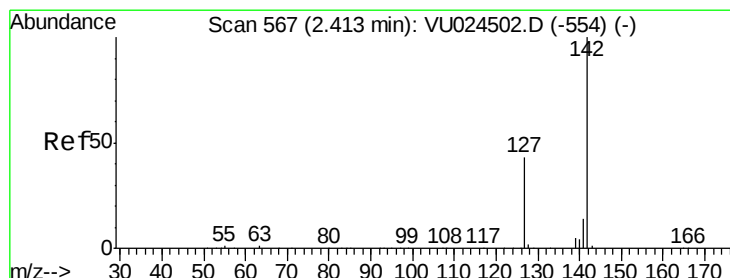
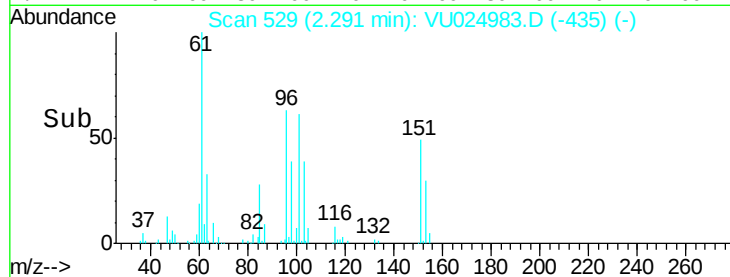
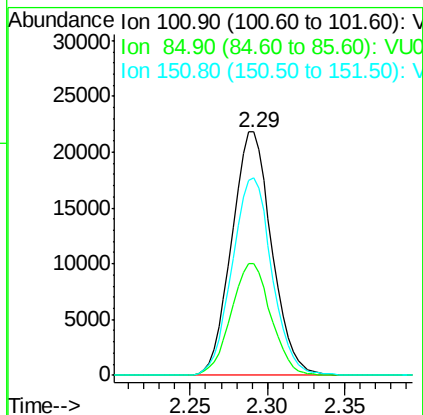
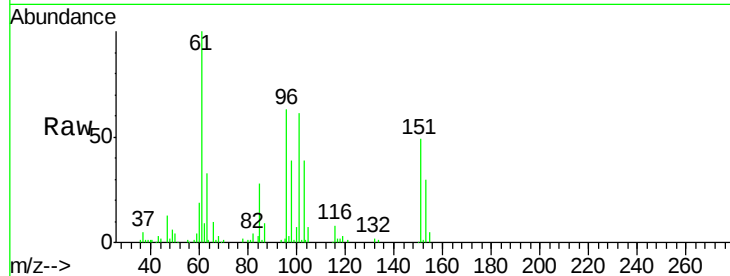
ClientSampled :

VU0627MBS04

Tot Ion:	101	Resp:	39204
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.0	54.0
151	80.8	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 25.49 ug/l

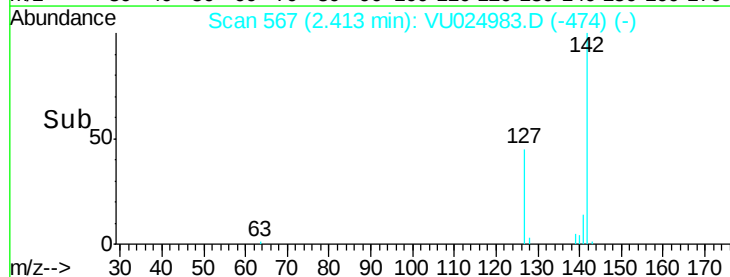
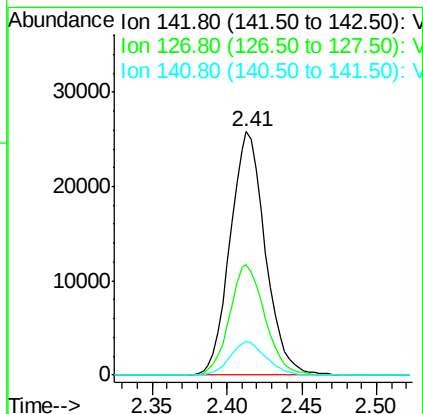
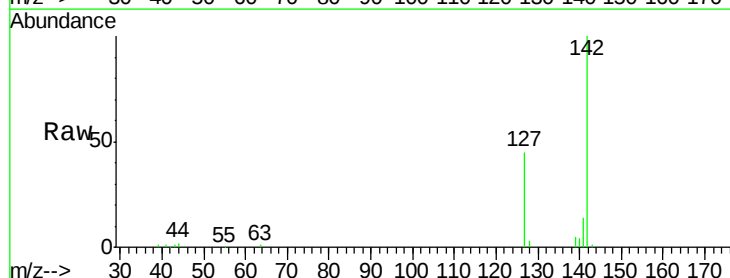
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Tgt Ion:	142	Resp:	42130
Ion Ratio	Lower	Upper	
142	100		
127	45.4	35.6	53.4
141	13.7	11.7	17.5





#11

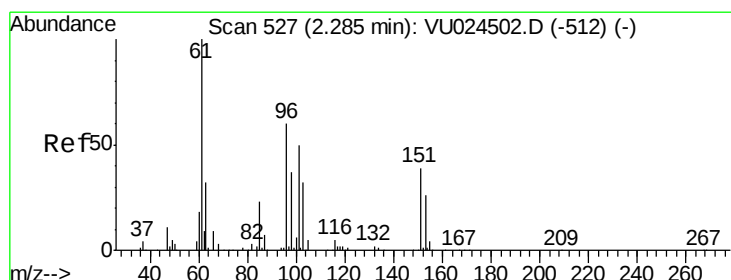
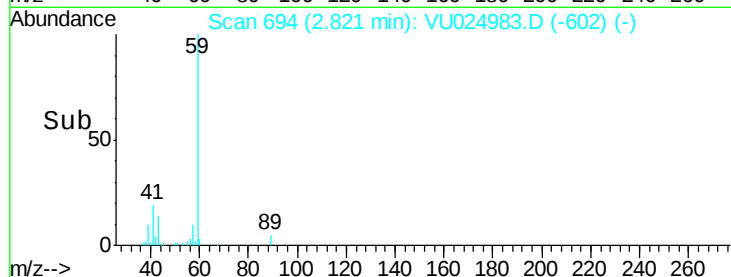
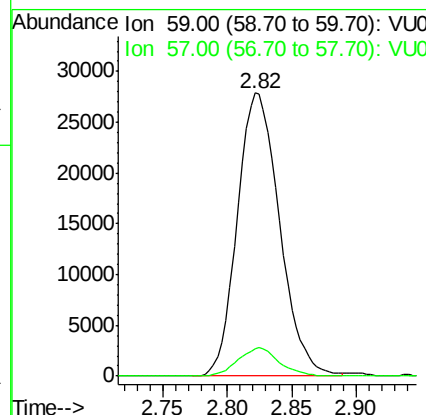
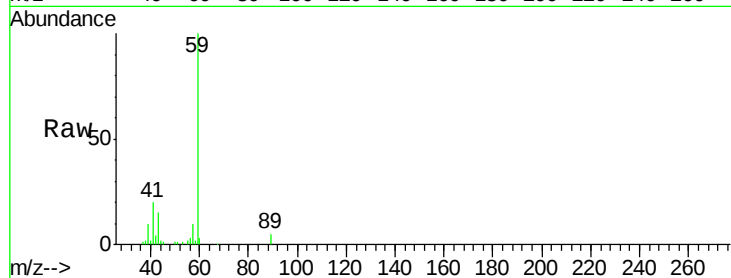
Tert butyl alcohol
 Concen: 90.81 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.5	12.7

Manual Integrations
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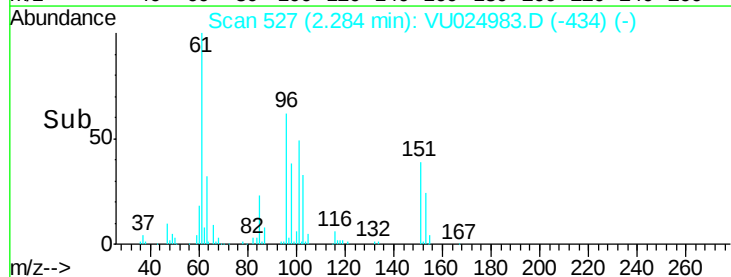
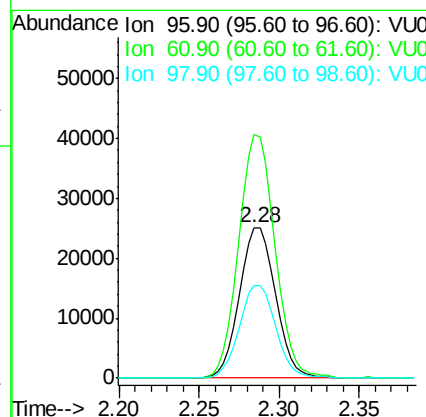
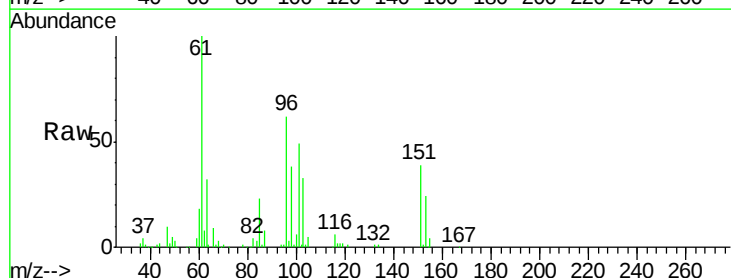
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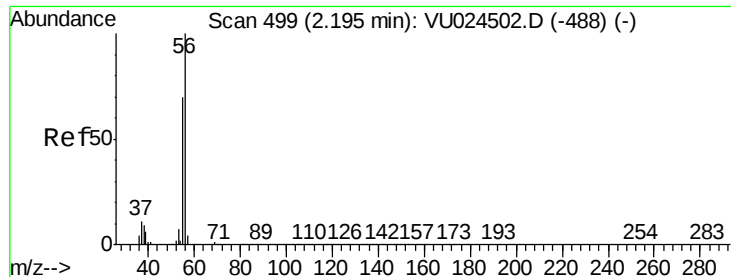


#12

1,1-Dichloroethene
 Concen: 19.22 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.6	141.7	212.5
98	61.8	51.6	77.4





#13

Acrolein

Concen: 68.63 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion: 56 Resp: 25252

Ion Ratio Lower Upper

56 100

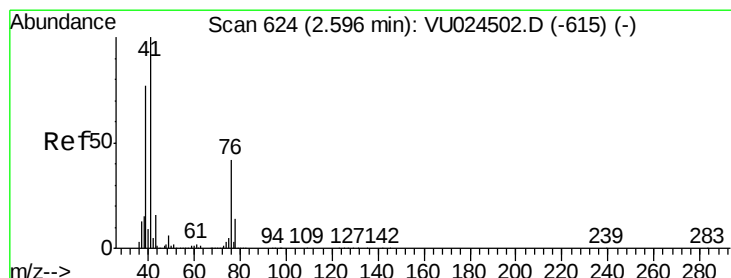
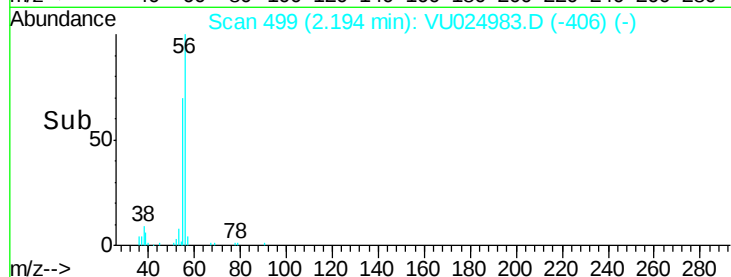
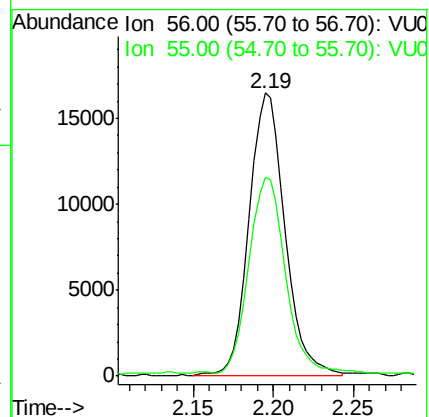
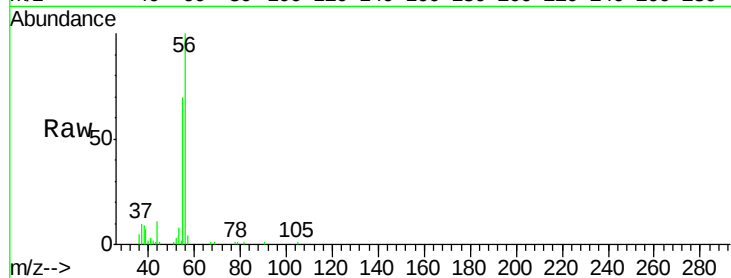
55 70.5 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 17.03 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

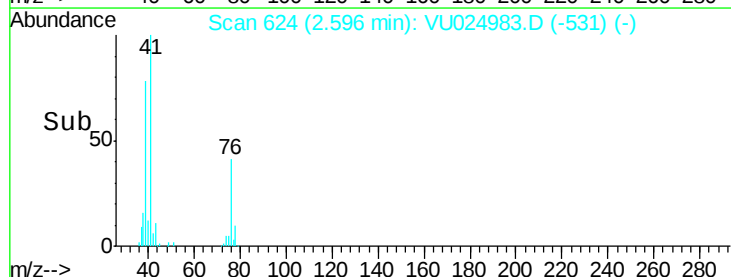
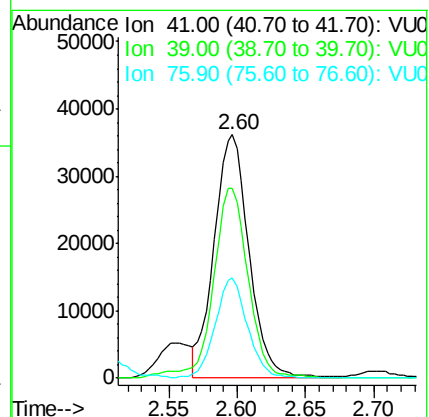
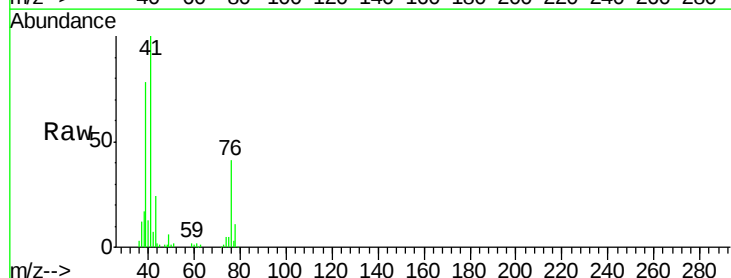
Tgt Ion: 41 Resp: 63534

Ion Ratio Lower Upper

41 100

39 79.1 61.6 92.4

76 38.5 29.7 44.5





#15

Acrylonitrile

Concen: 94.29 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

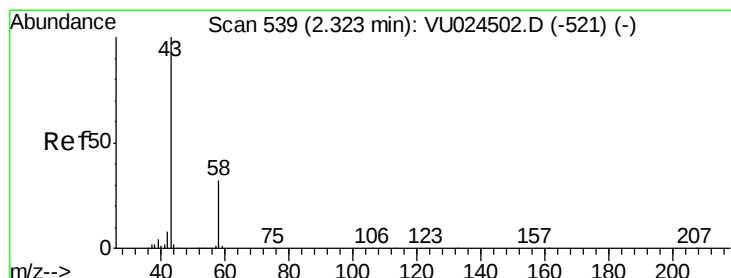
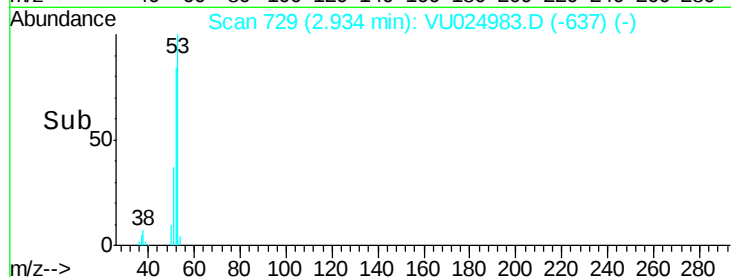
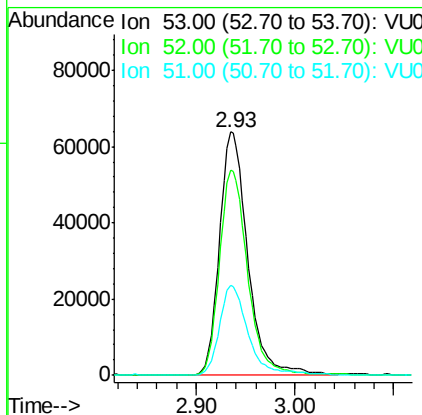
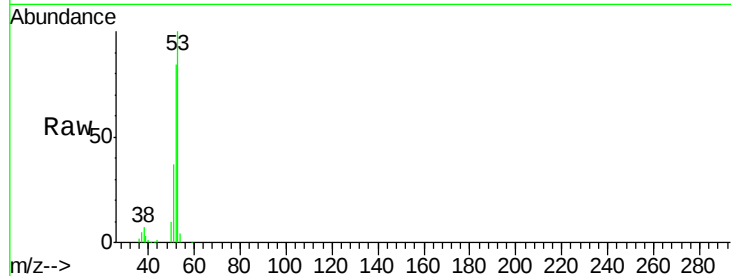
ClientSampleId :

VU0627MBS04

Tot Ion:	53	Resp:	128542
Ion Ratio	Lower	Upper	
53	100		
52	83.8	67.1	100.7
51	37.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 81.28 ug/l

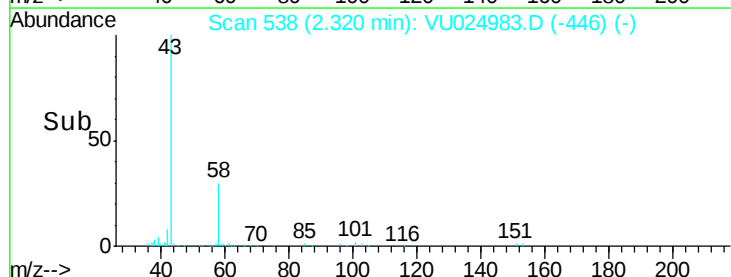
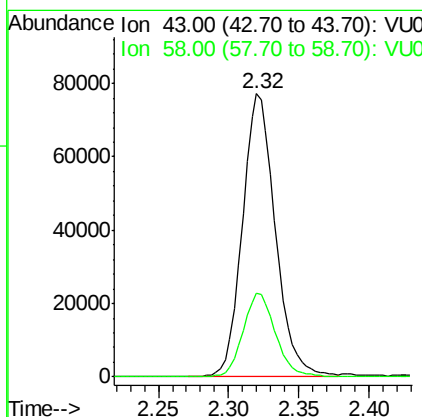
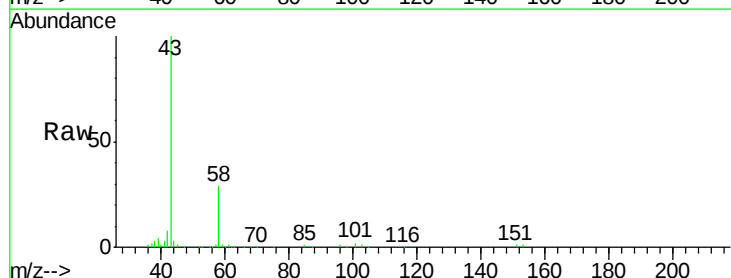
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Tgt Ion:	43	Resp:	125827
Ion Ratio	Lower	Upper	
43	100		
58	29.5	24.4	36.6





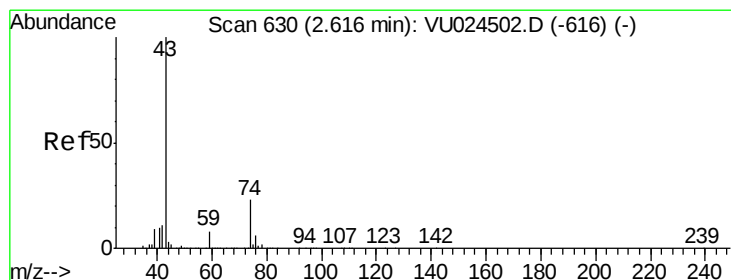
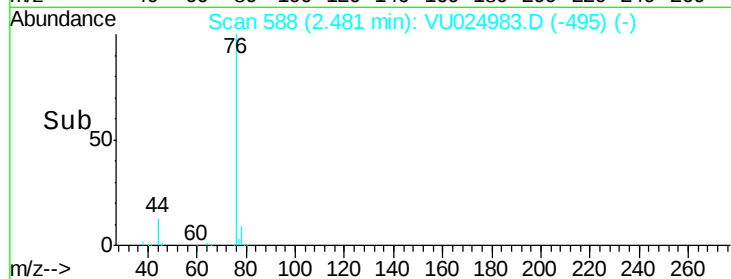
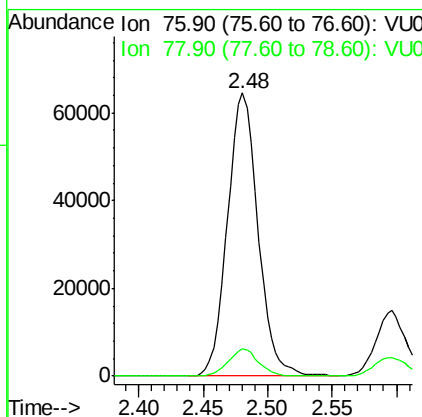
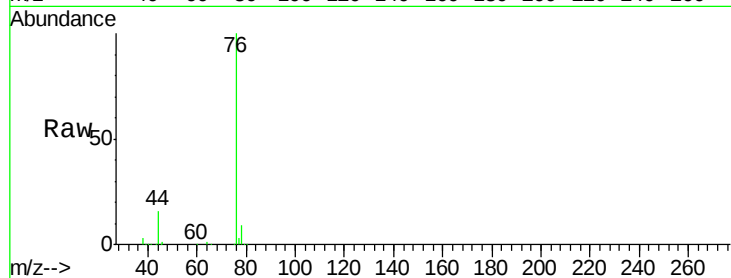
#17
Carbon Disulfide
Concen: 16.51 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

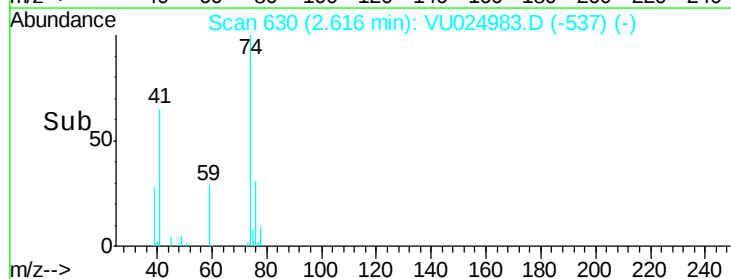
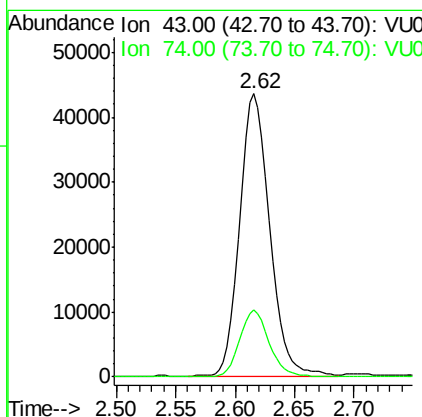
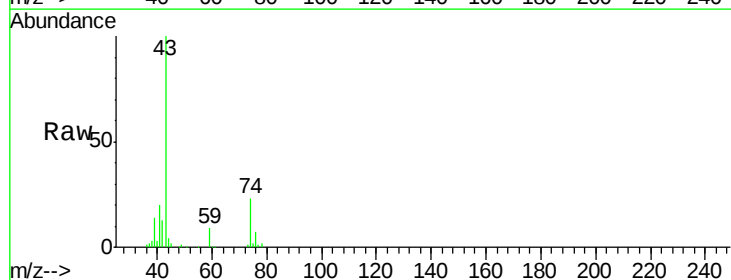
Manual Integrations
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#18
Methyl Acetate
Concen: 22.96 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.0	27.0





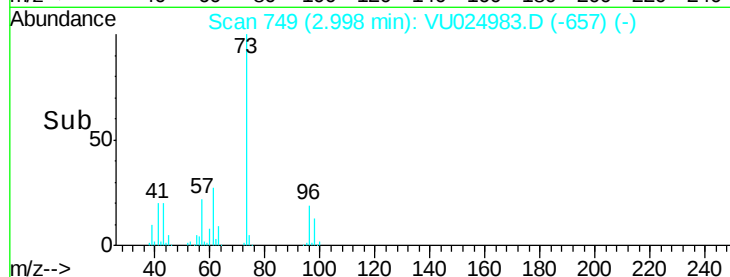
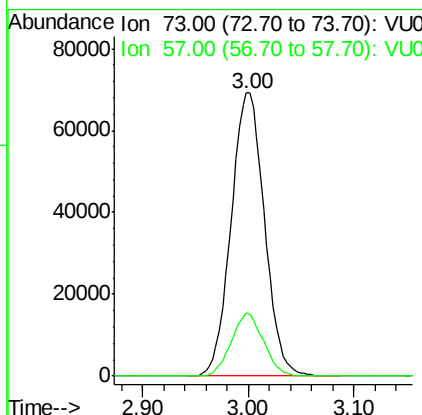
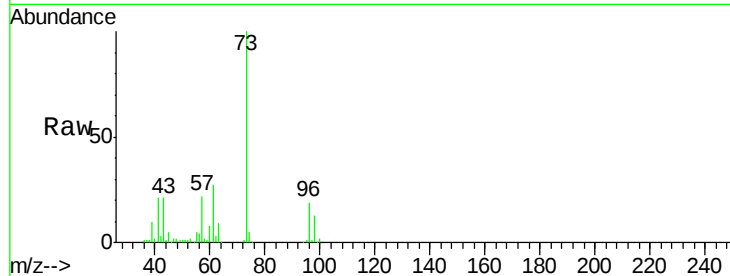
#19
Methyl tert-butyl Ether
Concen: 20.10 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.8	28.2

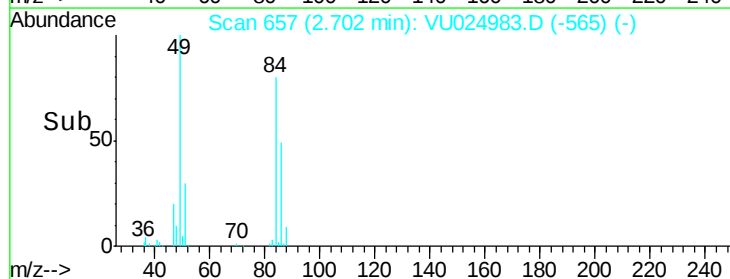
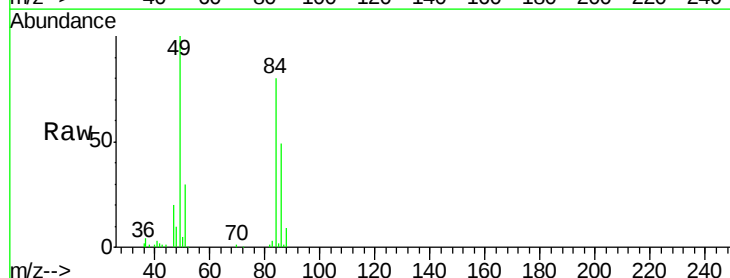
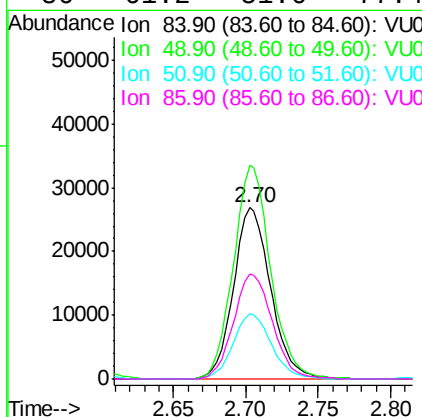
Manual Integrations
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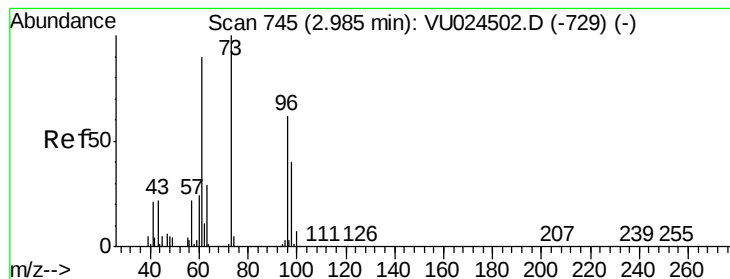
MMDadoda
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#20
Methylene Chloride
Concen: 19.68 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.8	103.8	155.8
51	37.8	32.0	48.0
86	61.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 18.46 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

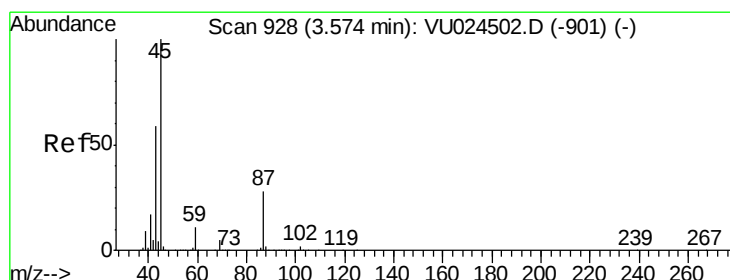
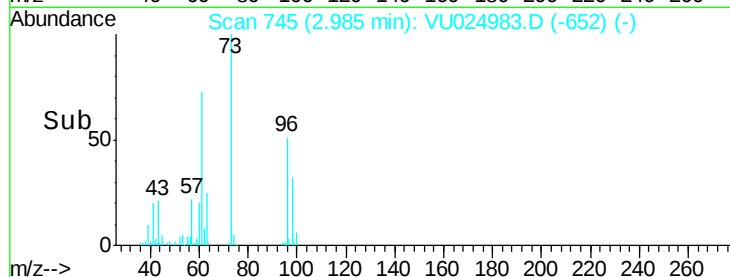
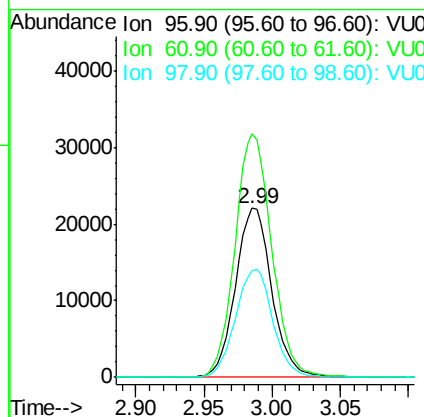
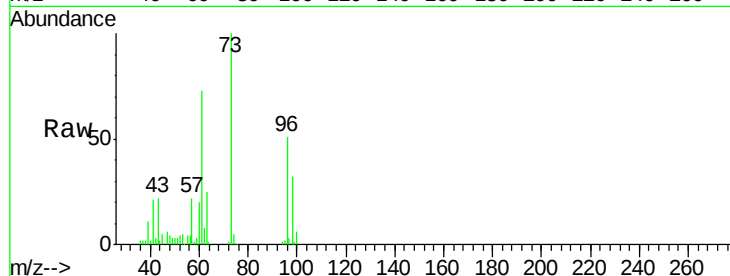
ClientSampleId :

VU0627MBS04

Tot Ion:	96	Resp:	40866
Ion	Ratio	Lower	Upper
96	100		
61	144.0	119.4	179.0
98	63.0	51.1	76.7

Manual Integrations
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6/28/2018 4:37:03 PM



#22

Diisopropyl ether

Concen: 19.21 ug/l

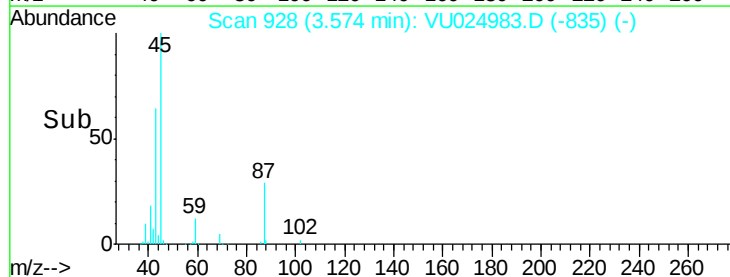
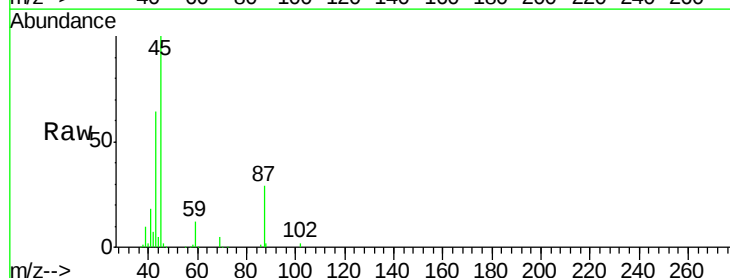
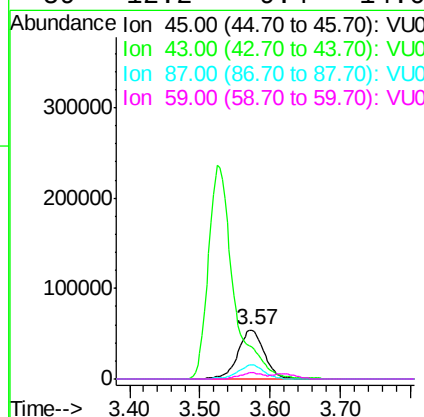
RT: 3.57 min Scan# 928

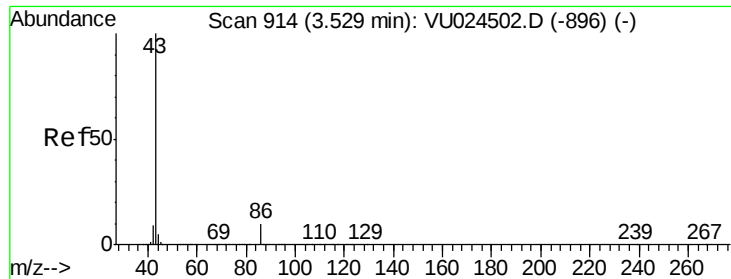
Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Tgt Ion:	45	Resp:	142059
Ion	Ratio	Lower	Upper
45	100		
43	63.2	45.8	68.6
87	28.6	20.6	31.0
59	12.2	9.4	14.0





#23

Vinyl Acetate

Concen: 88.54 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion: 43 Resp: 586613

Ion Ratio Lower Upper

43 100

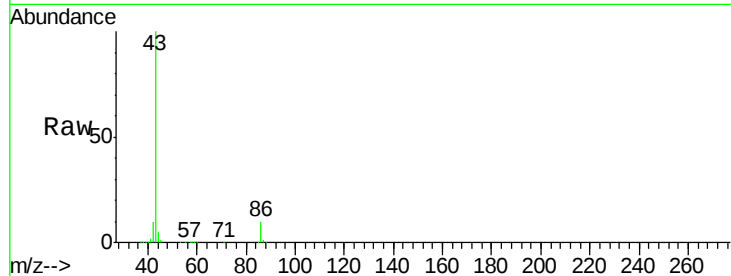
86 9.7 7.8 11.8

Manual Integrations

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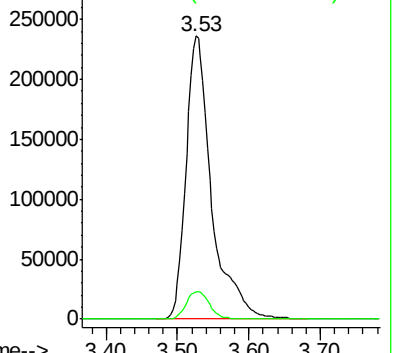
MMDadoda

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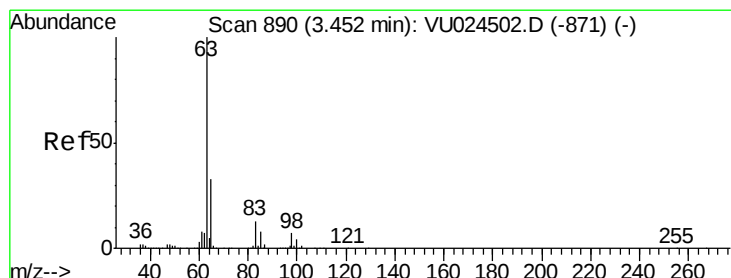
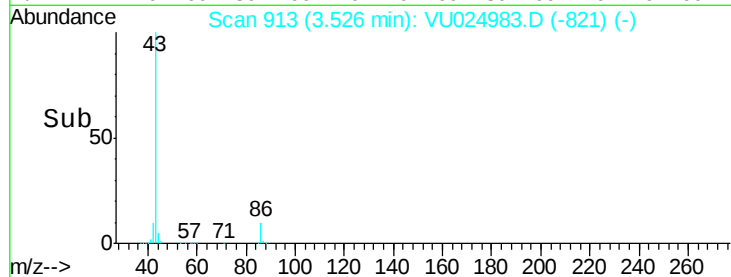


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 19.39 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

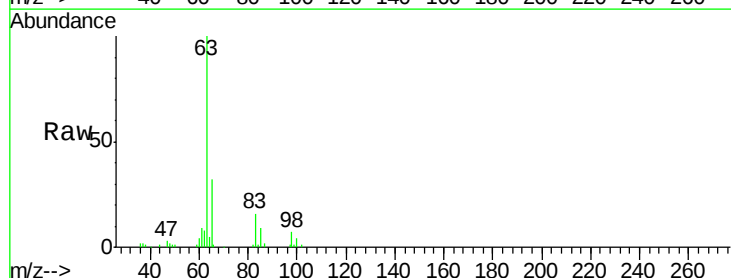
Tgt Ion: 63 Resp: 82522

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

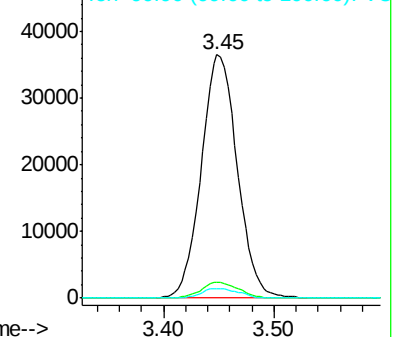
100 3.9 1.8 5.5



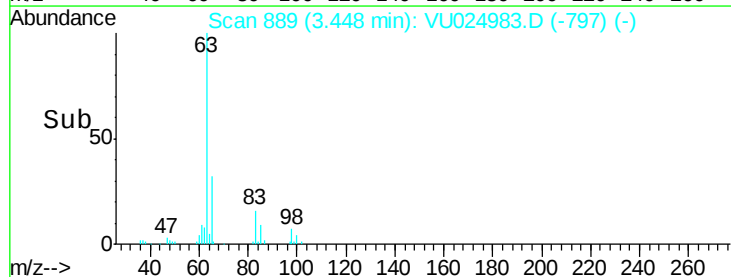
Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->





#25

2-Butanone

Concen: 90.91 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion: 43 Resp: 189031

Ion Ratio Lower Upper

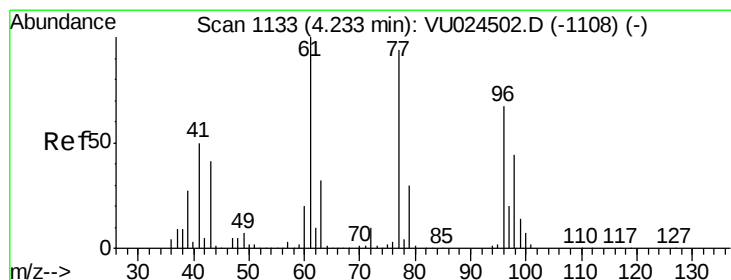
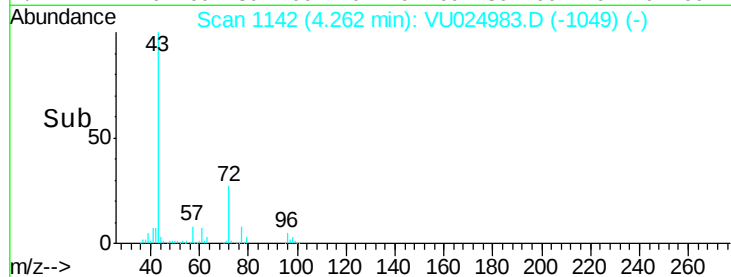
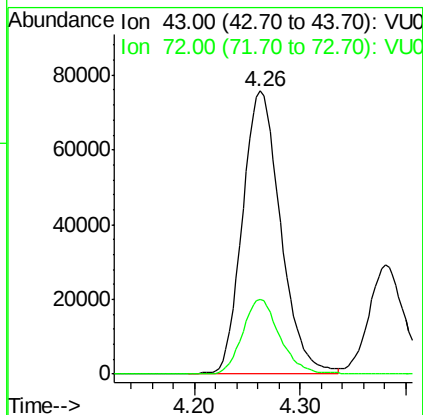
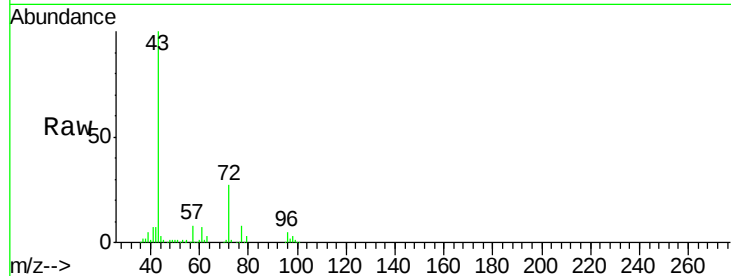
43 100

72 26.6 19.6 29.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 16.56 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024983.D

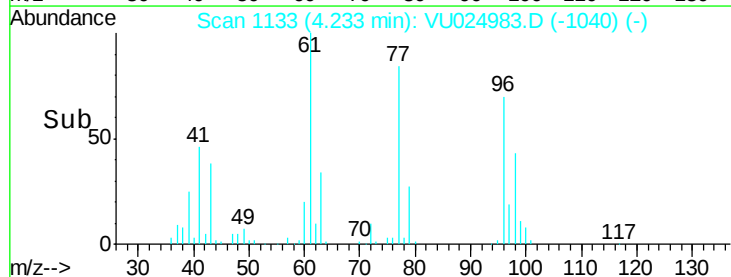
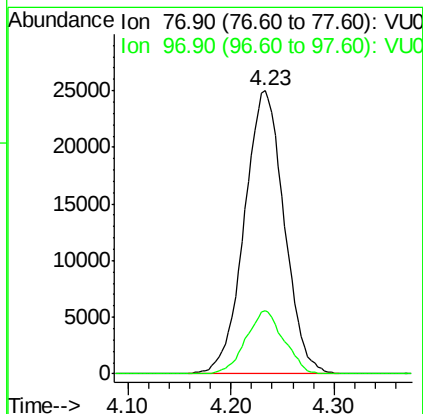
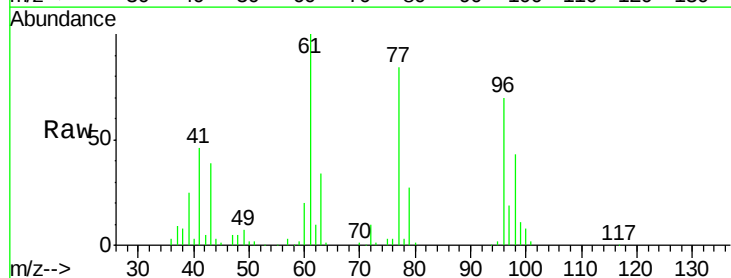
Acq: 27 Jun 2018 22:31

Tgt Ion: 77 Resp: 66924

Ion Ratio Lower Upper

77 100

97 21.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.17 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

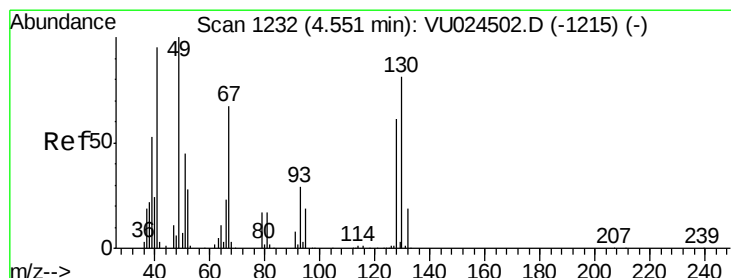
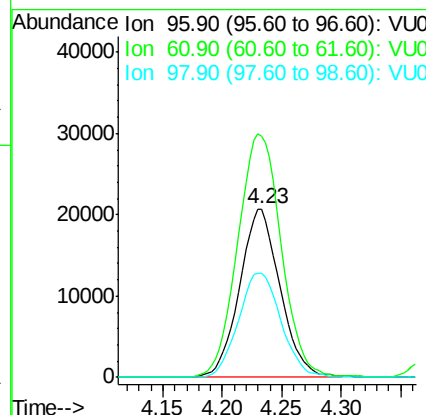
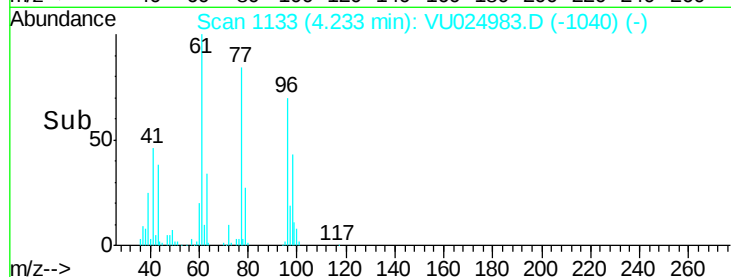
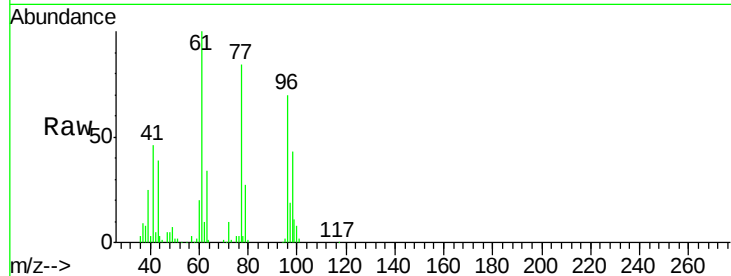
ClientSampleId :

VU0627MBS04

Tot Ion:	96	Resp:	48766
Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	306.6
98	65.2	0.0	128.8

Manual Integrations
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#28

Bromochloromethane

Concen: 20.67 ug/l

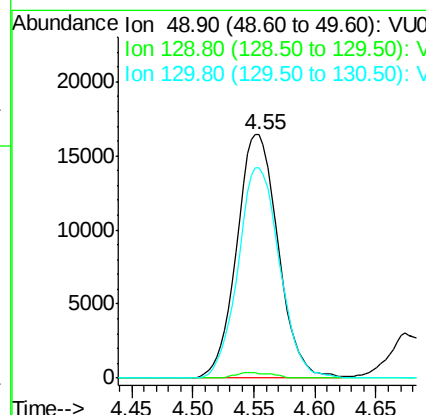
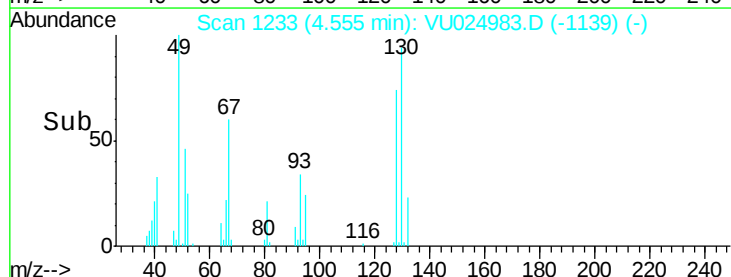
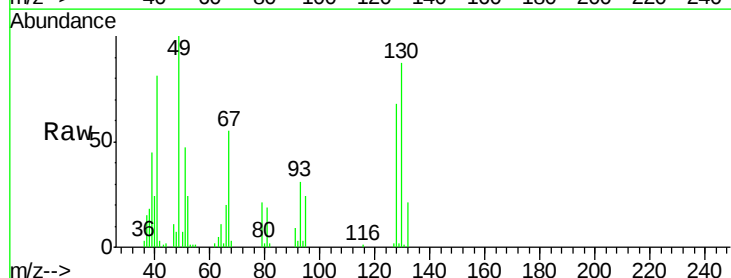
RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Tgt Ion:	49	Resp:	38729
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	86.4	57.8	86.6





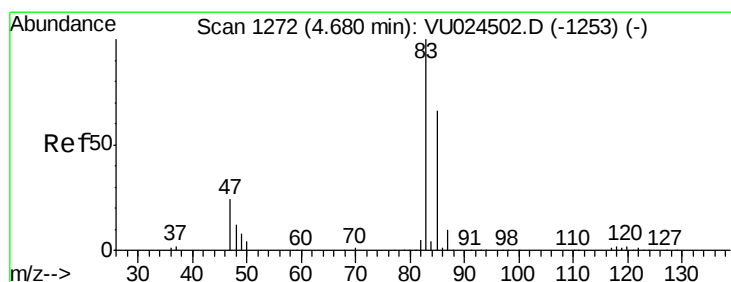
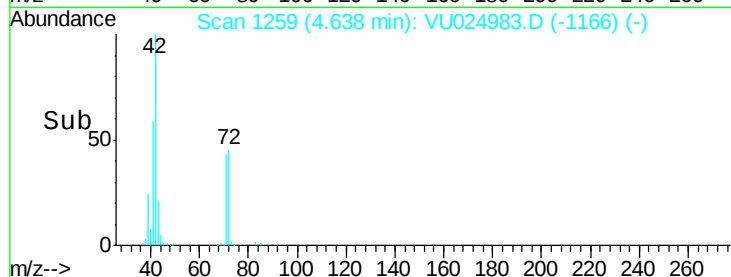
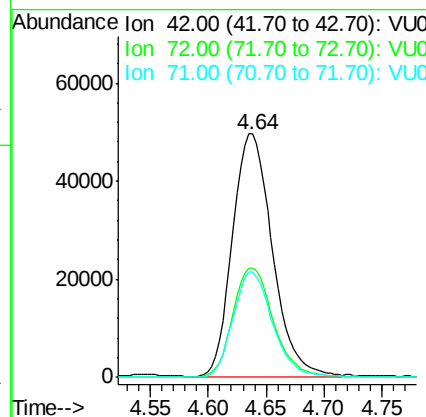
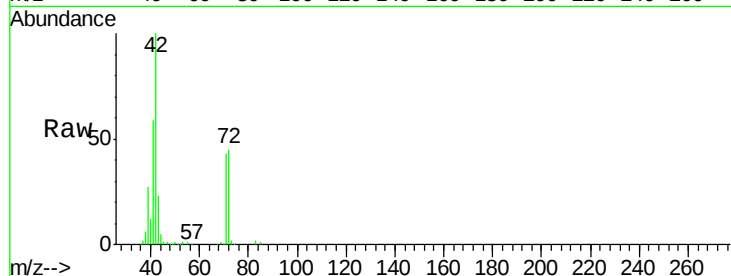
#29
Tetrahydrofuran
Concen: 92.80 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.5	51.7
71	42.6	32.2	48.4

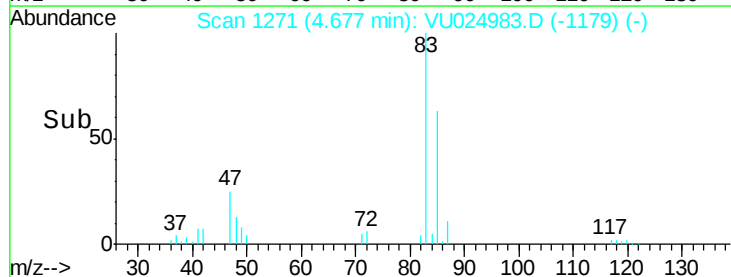
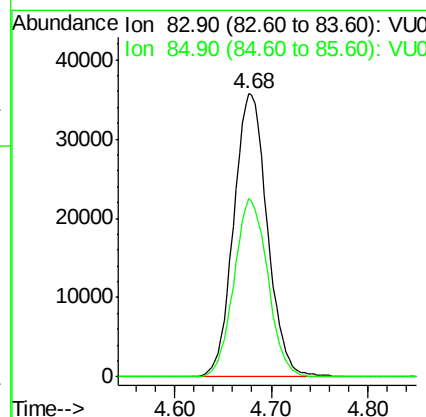
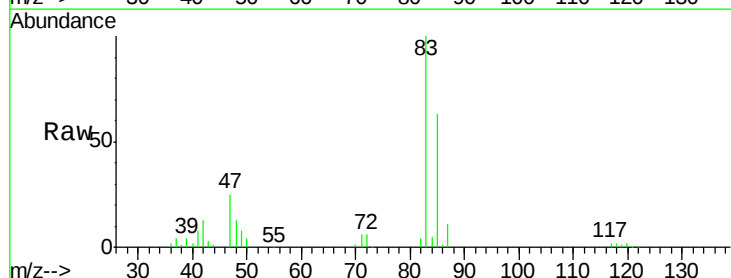
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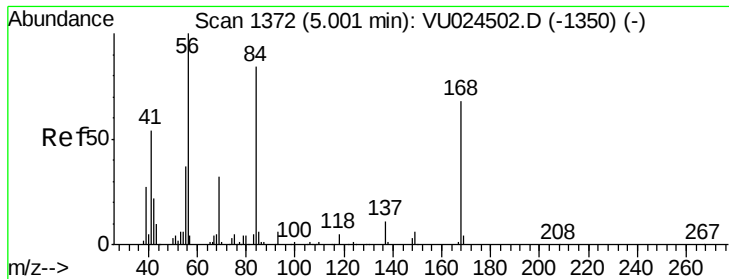
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#30
Chloroform
Concen: 20.02 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.4	78.6





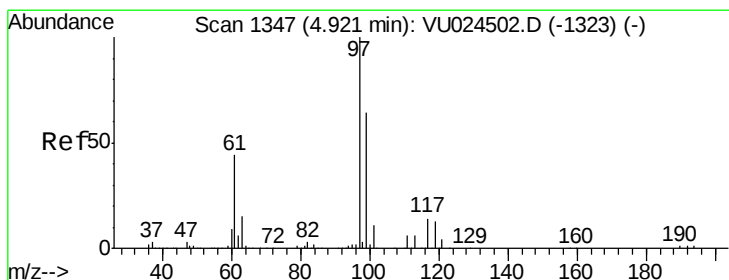
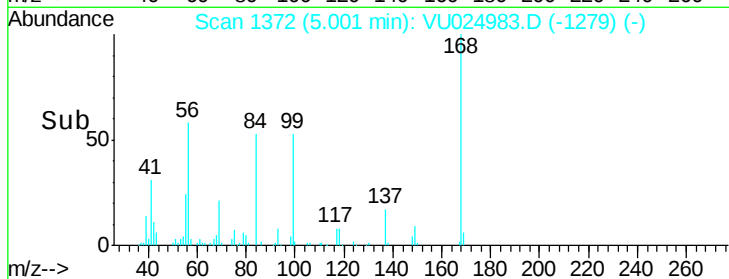
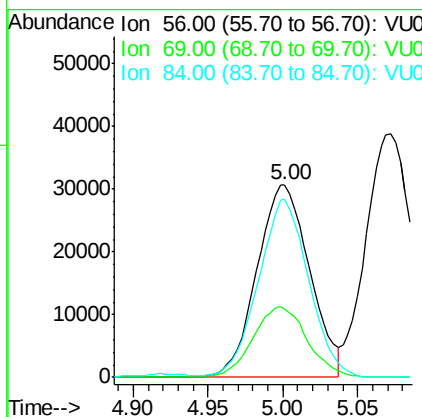
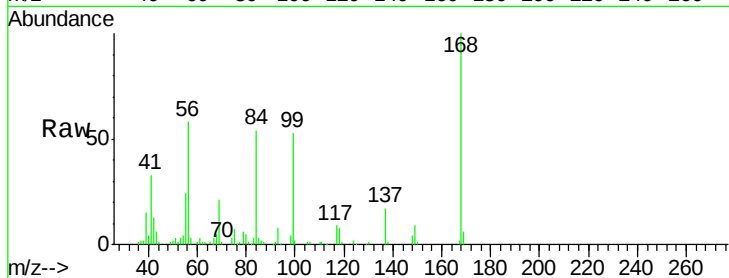
#31
Cyclohexane
Concen: 18.59 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	24.8	37.2
84	91.1	65.2	97.8

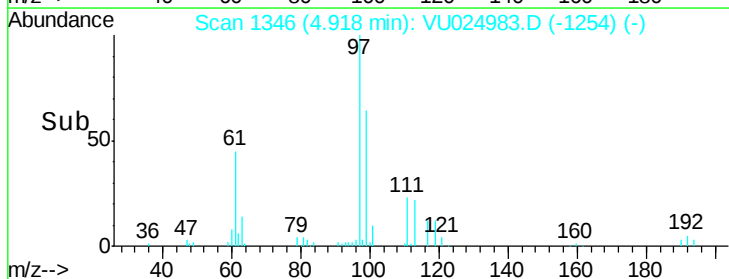
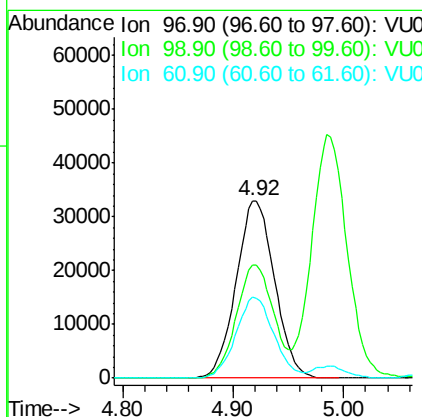
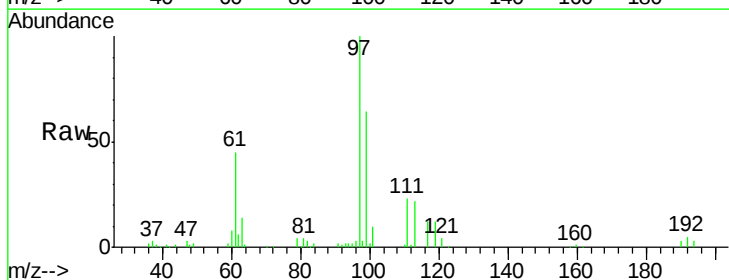
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#32
1,1,1-Trichloroethane
Concen: 20.01 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.0	76.6
61	45.1	39.4	59.0





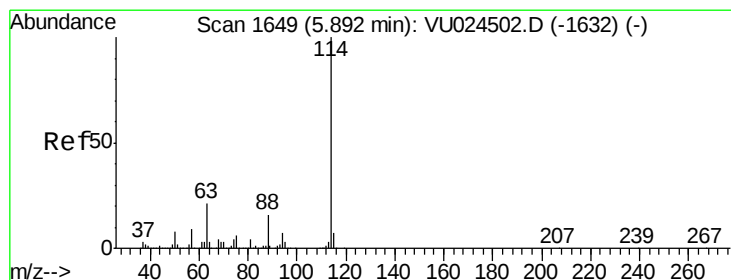
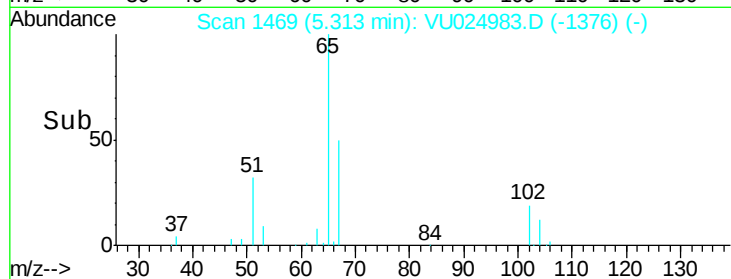
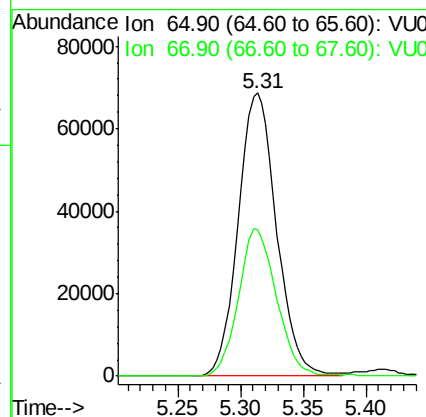
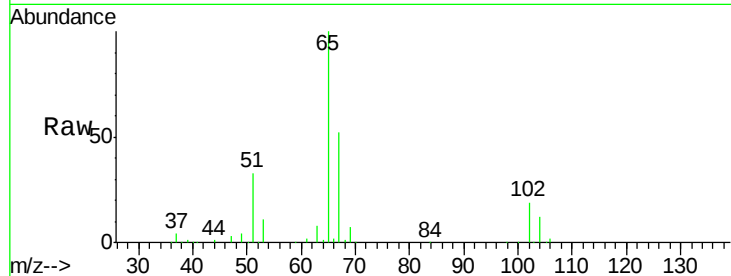
#33
 1,2-Dichloroethane-d4
 Concen: 50.70 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	107.0

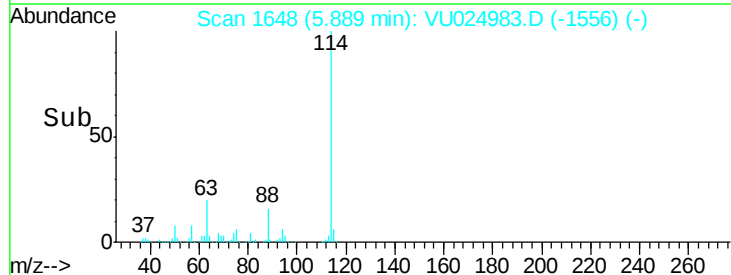
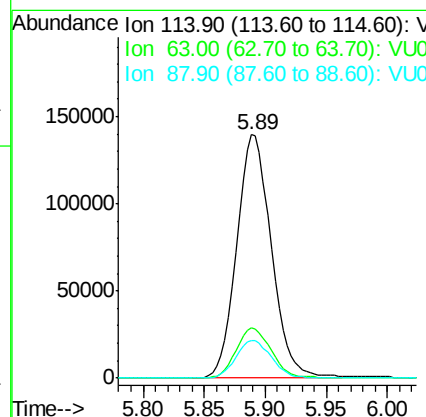
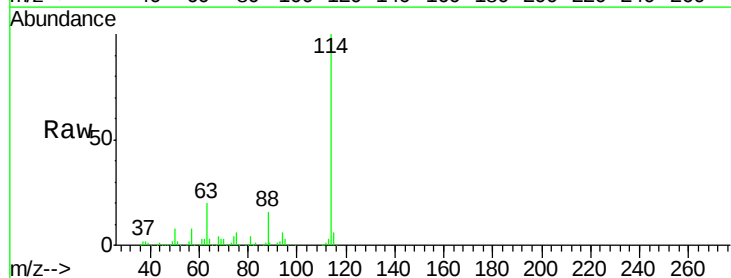
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	45.4
88	15.7	0.0	31.0





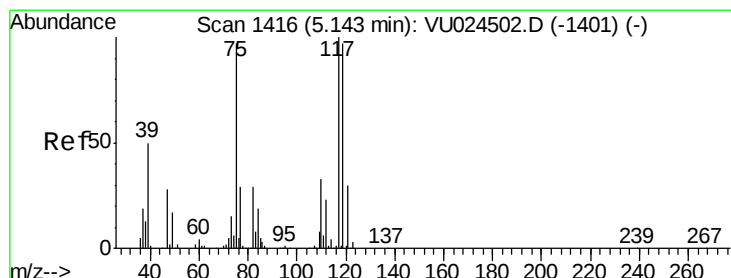
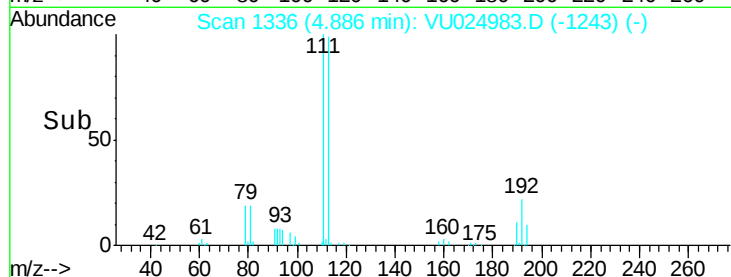
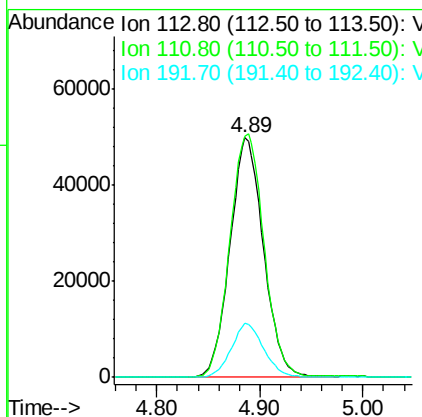
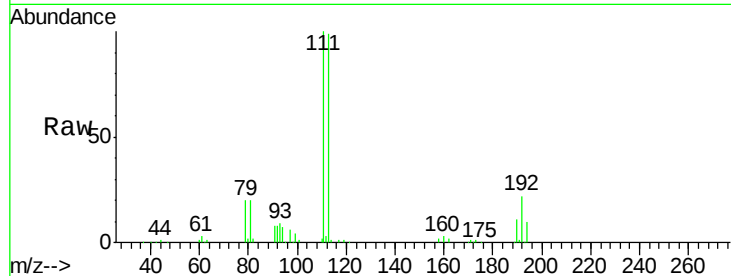
#35
Dibromofluoromethane
Concen: 49.48 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113007		
111	103.8	82.2	123.4	
192	21.8	16.2	24.4	

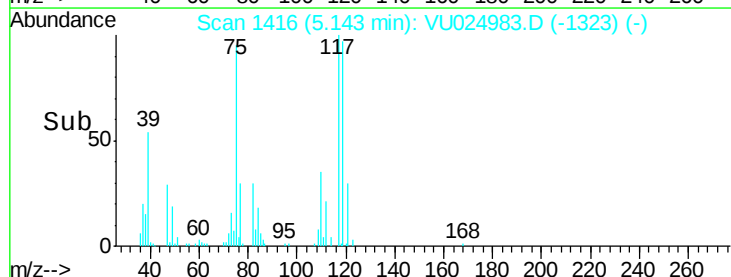
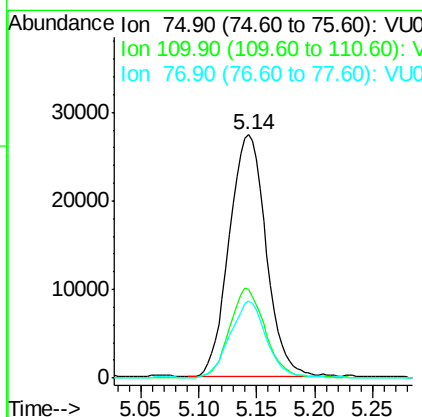
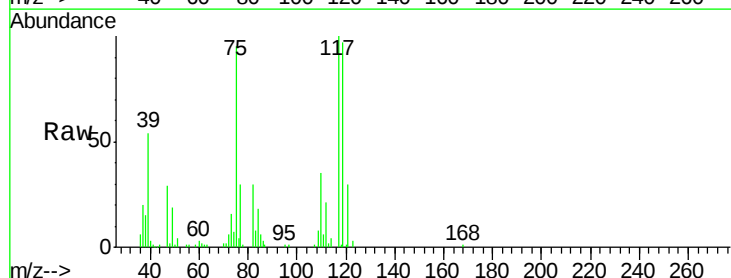
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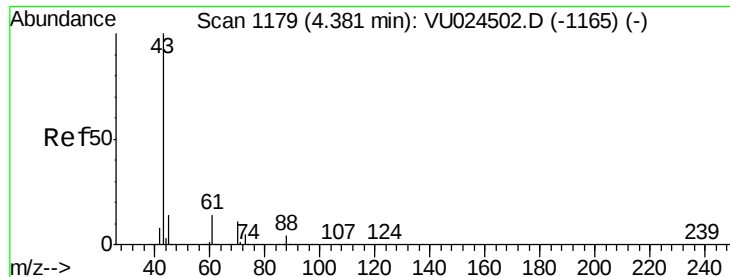
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#36
1,1-Dichloropropene
Concen: 18.65 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60319		
110	35.7	17.0	50.9	
77	31.5	24.2	36.4	





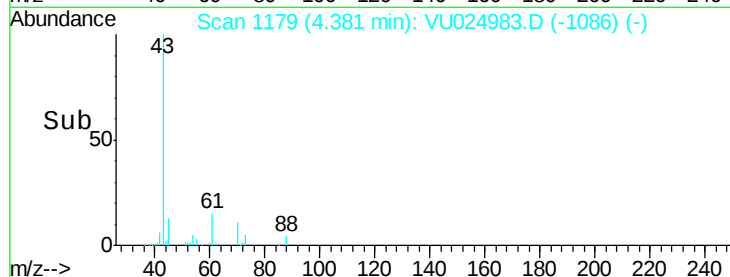
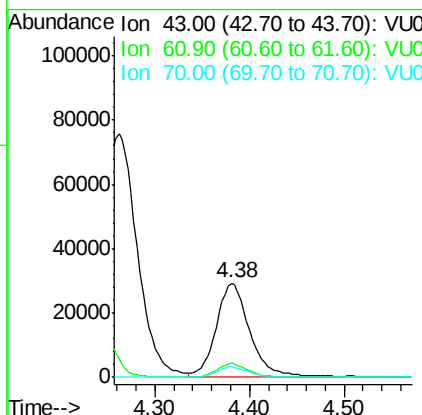
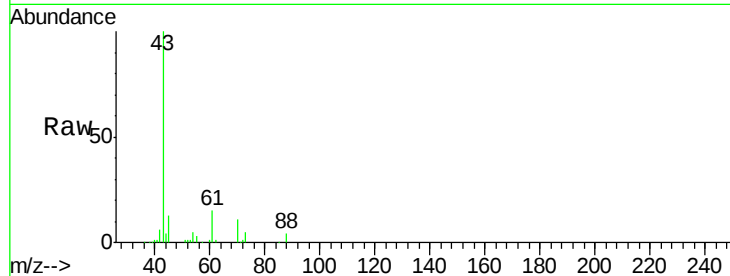
#37
Ethyl Acetate
Concen: 19.89 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.5	15.7
70	10.9	7.4	11.2

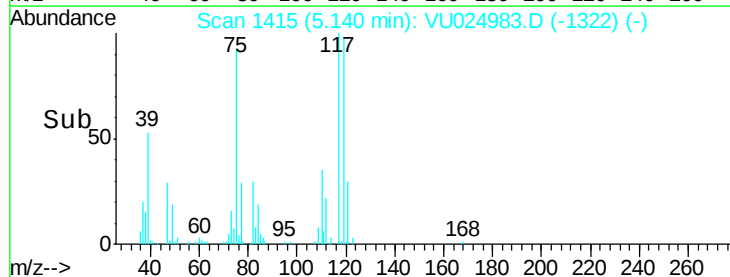
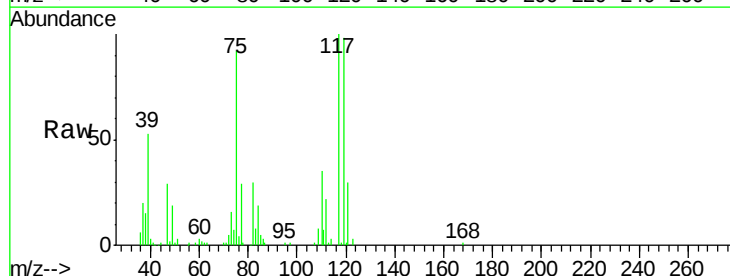
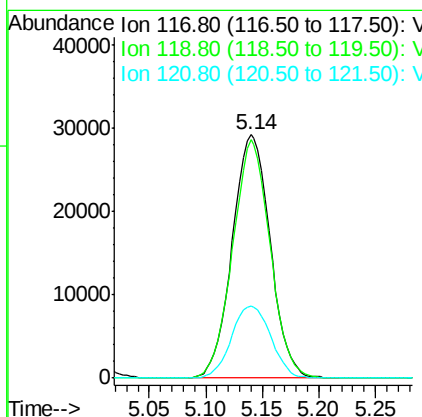
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 19.18 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.1	114.1
121	29.7	23.7	35.5





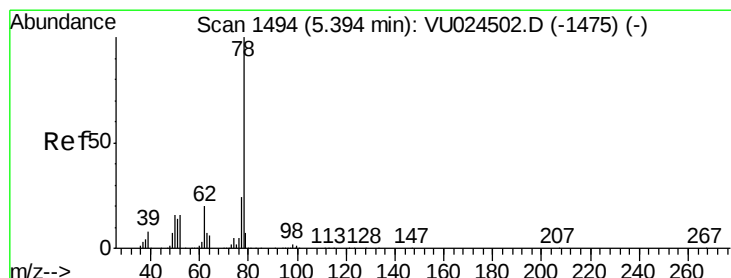
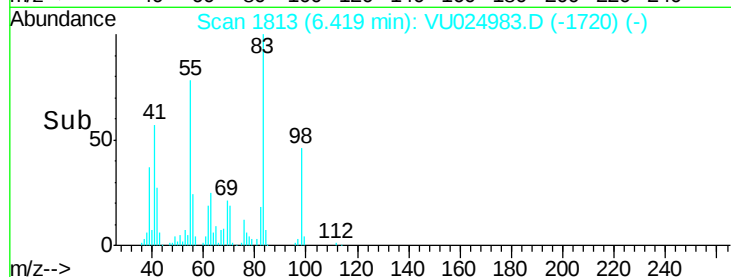
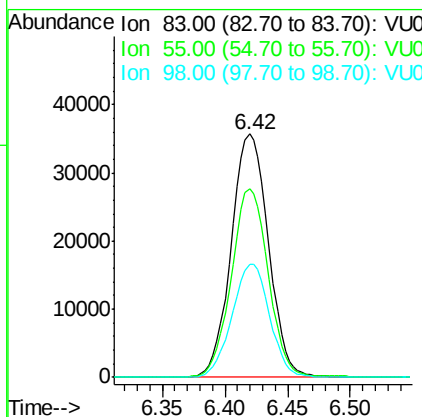
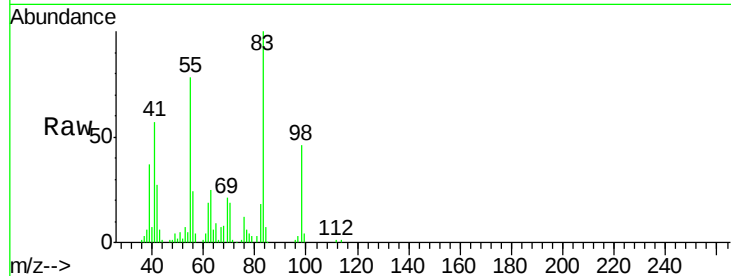
#39
Methvlcvclohexane
Concen: 18.25 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	83	Resp	73659
Ion Ratio	Lower	Upper	
83	100		
55	77.4	65.8	98.6
98	46.4	36.7	55.1

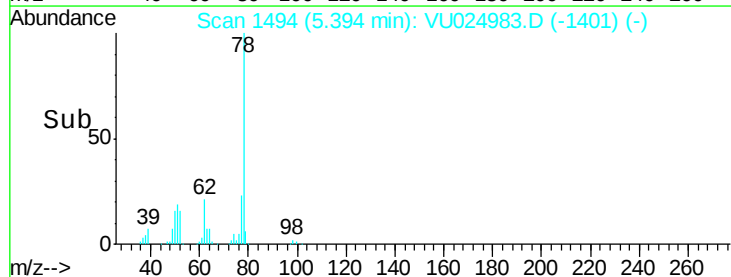
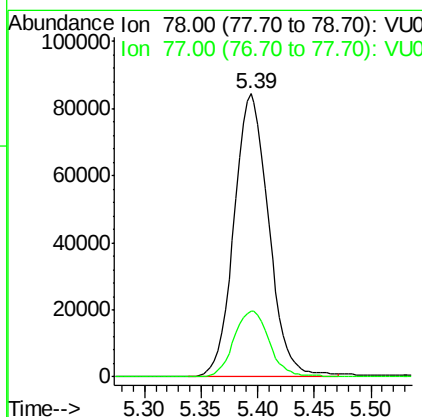
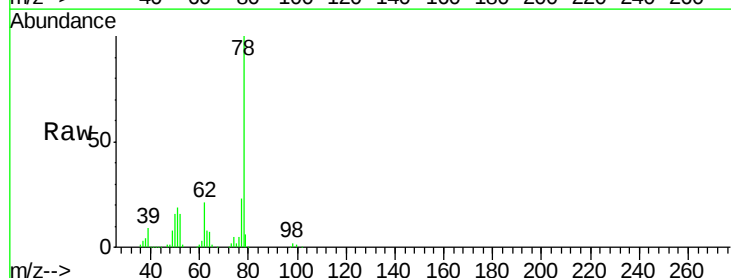
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#40
Benzene
Concen: 19.57 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	78	Resp	180284
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.2	28.8





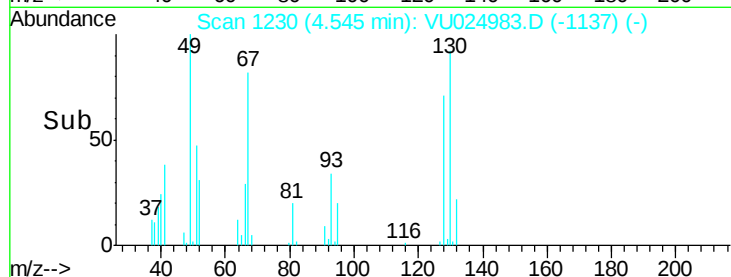
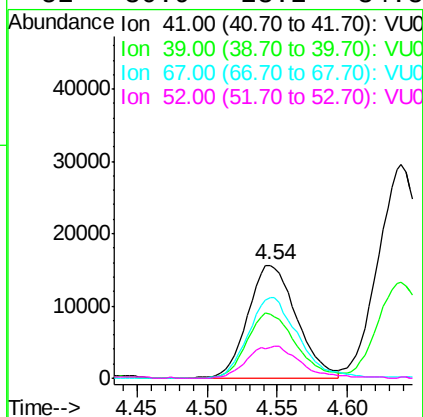
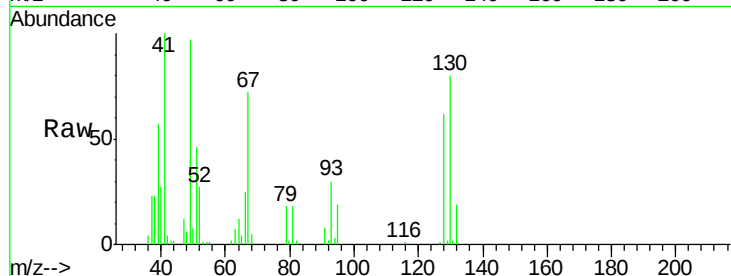
#41
Methacrylonitrile
Concen: 19.96 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.9	43.8	65.6	
67	72.2	56.3	84.5	
52	30.9	23.2	34.8	

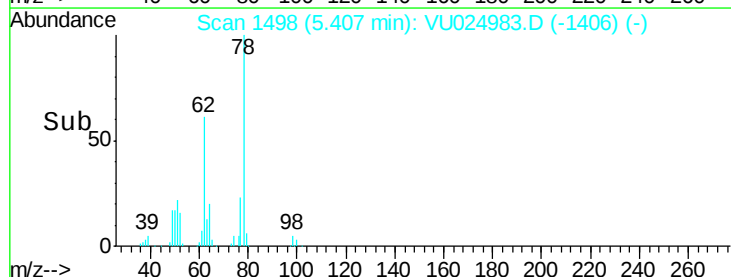
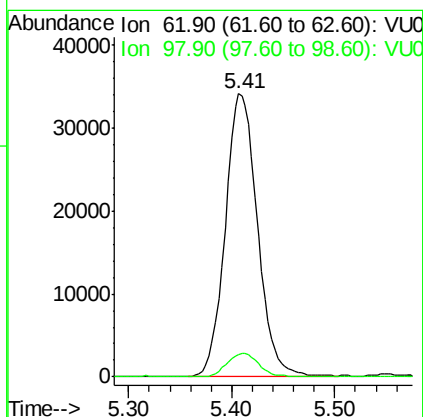
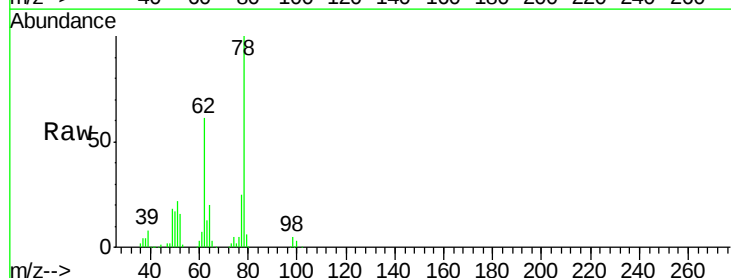
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#42
1,2-Dichloroethane
Concen: 21.16 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.6	





#43

Isopropyl Acetate

Concen: 17.99 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

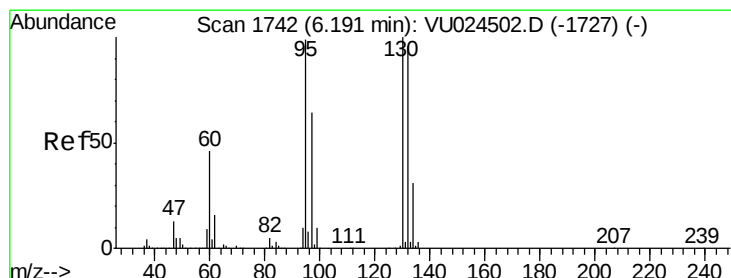
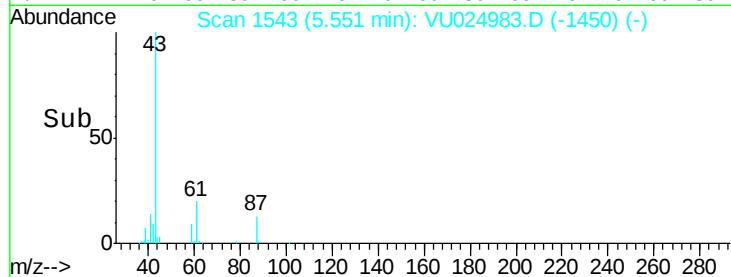
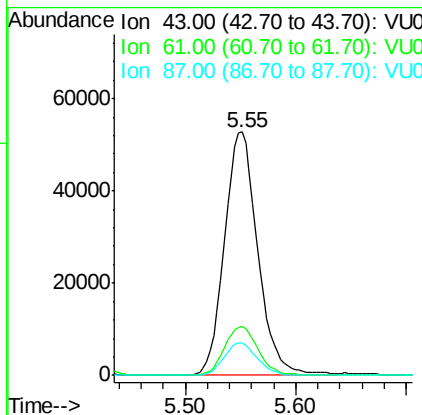
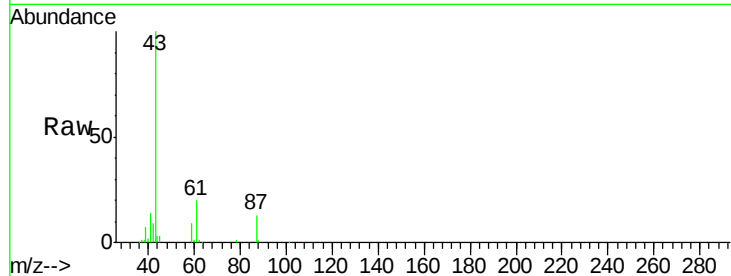
ClientSampleId :

VU0627MBS04

Tot Ion:	43	Resp:	109591
Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.4	23.0
87	13.2	10.0	15.0

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#44

Trichloroethene

Concen: 18.29 ug/l

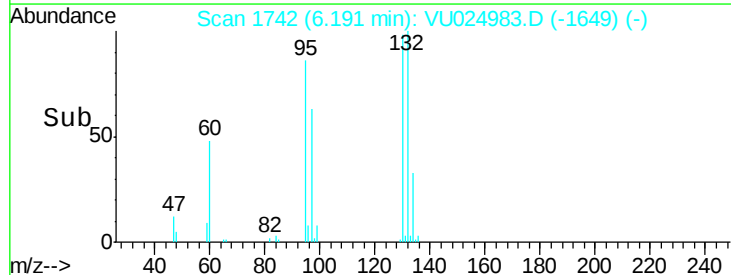
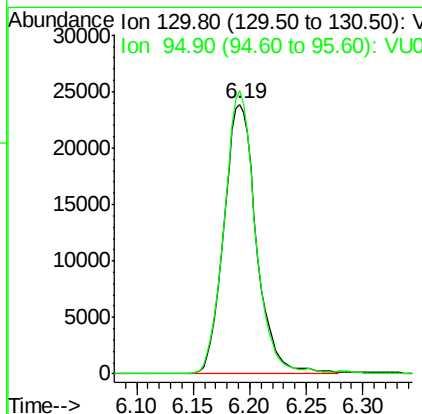
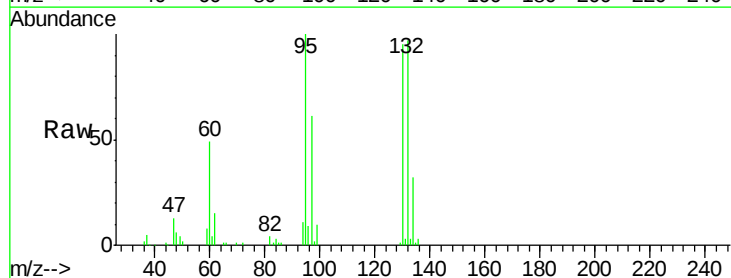
RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Tgt Ion:	130	Resp:	47960
Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	202.4





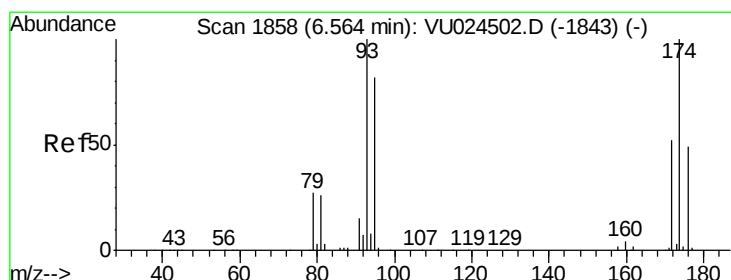
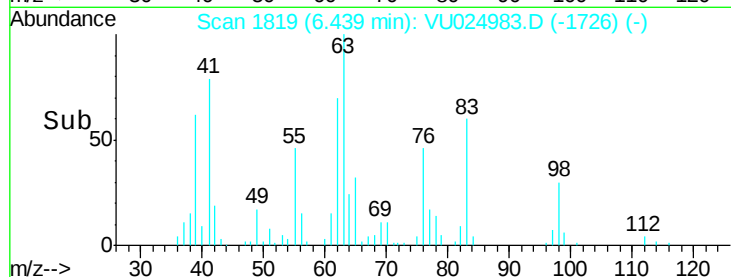
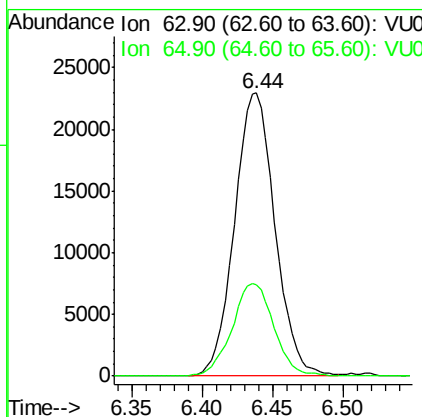
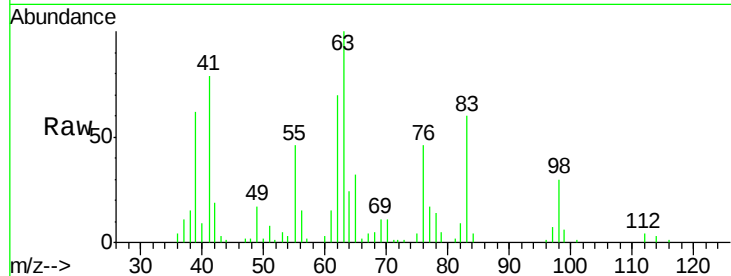
#45
 1,2-Dichloropropane
 Concen: 18.78 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampled :
 VU0627MBS04

Tot Ion: 63 Resp: 46160
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.8 37.2

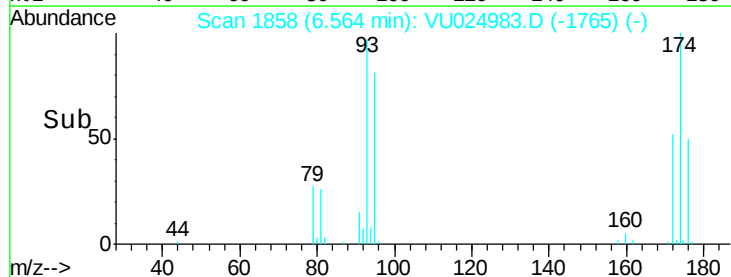
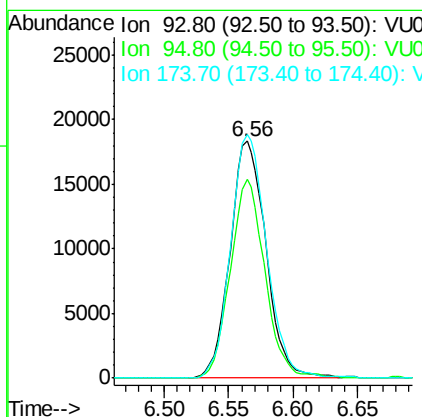
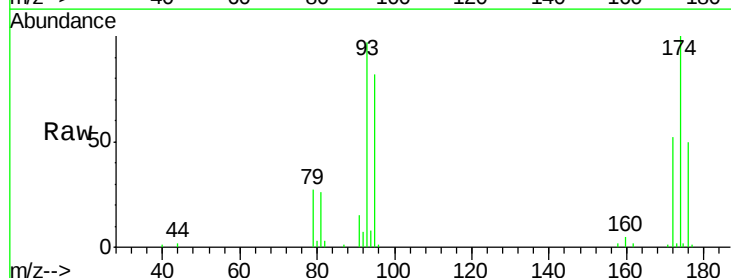
Manual Integrations
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#46
 Dibromomethane
 Concen: 20.58 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion: 93 Resp: 35536
 Ion Ratio Lower Upper
 93 100
 95 79.9 65.5 98.3
 174 102.4 78.7 118.1





#47

Bromodichloromethane

Concen: 18.85 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

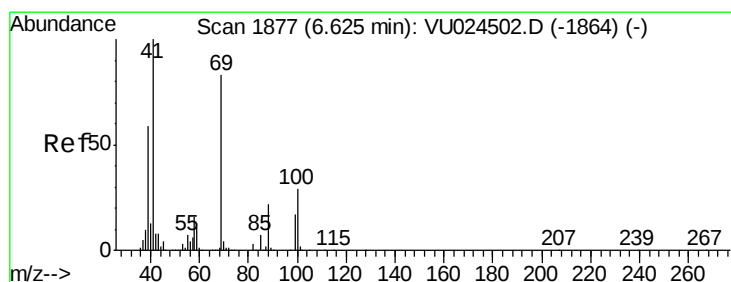
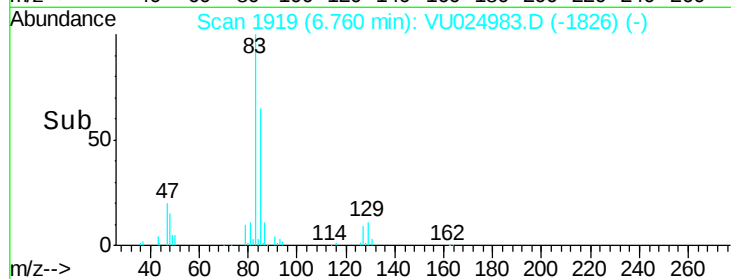
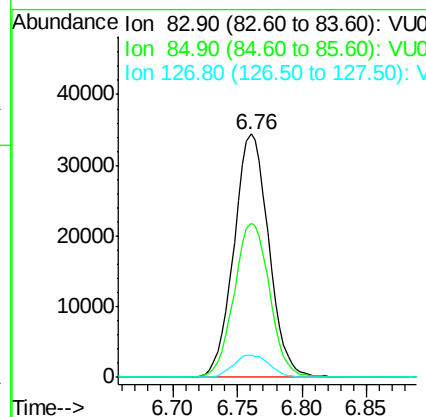
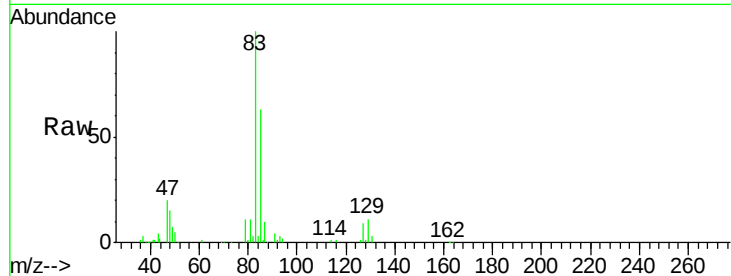
ClientSampleId :

VU0627MBS04

Tot Ion:	83	Resp:	64835
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.9	77.9
127	9.1	6.6	9.8

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#48

Methyl methacrylate

Concen: 19.84 ug/l

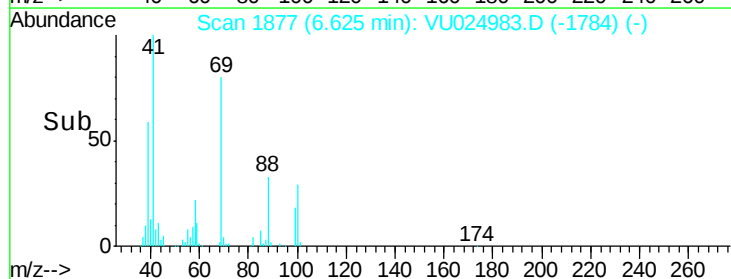
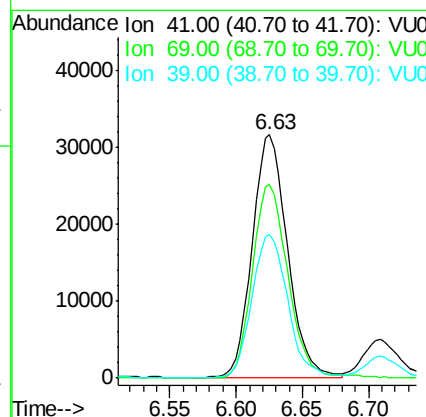
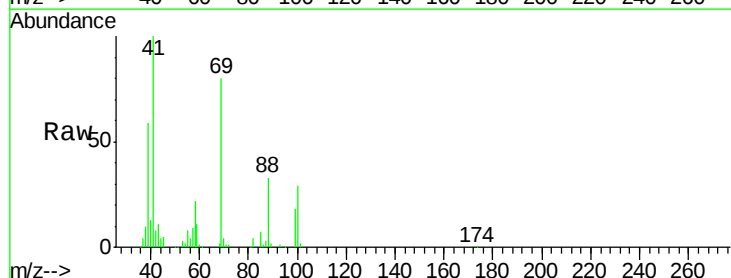
RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Tgt Ion:	41	Resp:	58849
Ion	Ratio	Lower	Upper
41	100		
69	80.4	67.3	100.9
39	59.7	46.5	69.7





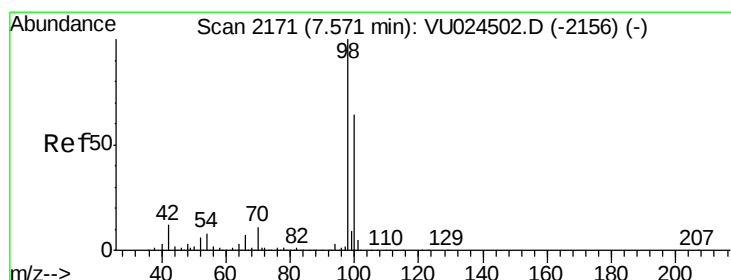
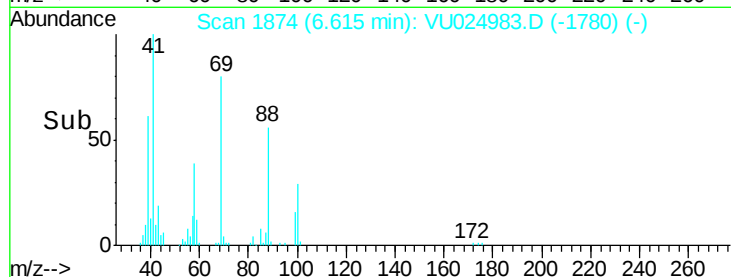
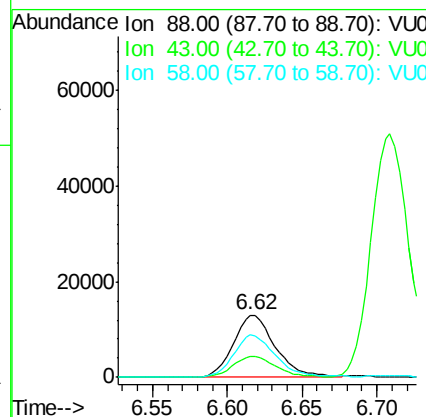
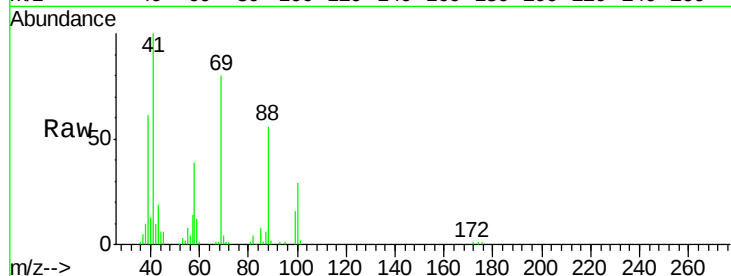
#49
 1,4-Dioxane
 Concen: 437.37 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	28.6	42.8
58	67.7	58.2	87.4

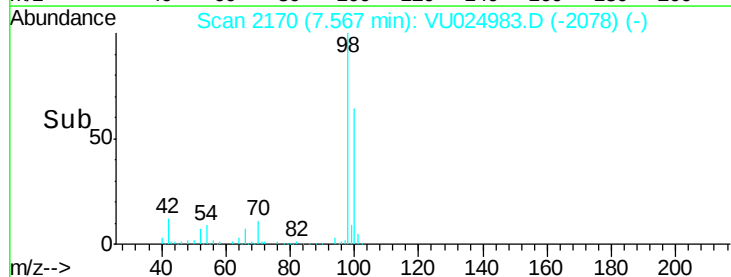
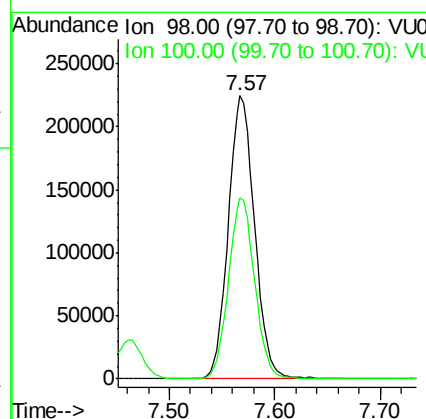
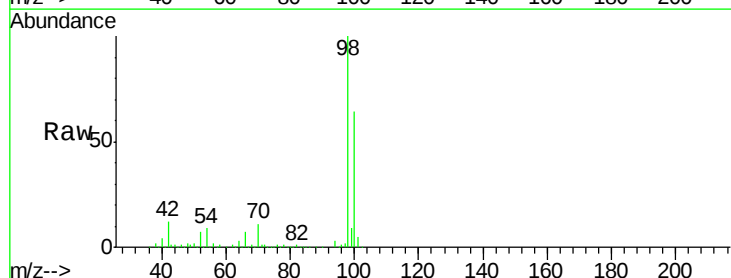
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#50
 Toluene-d8
 Concen: 46.38 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 94.84 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion: 43 Resp: 362970

Ion Ratio Lower Upper

43 100

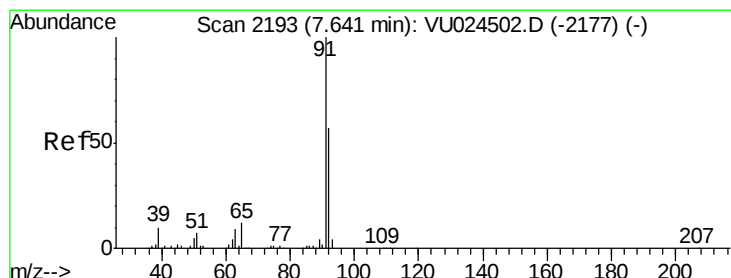
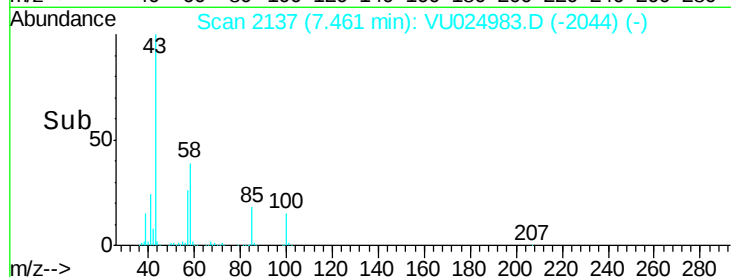
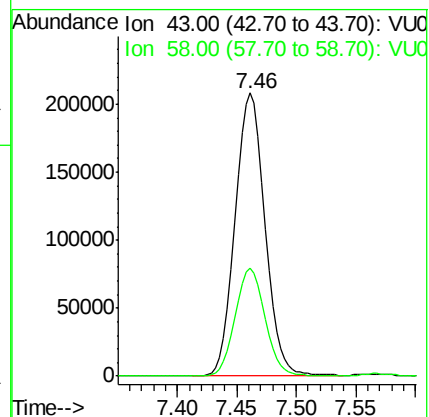
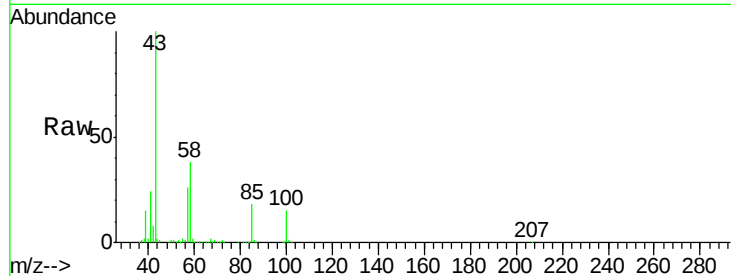
58 38.1 30.0 45.0

Manual Integrations

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#52

Toluene

Concen: 19.28 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024983.D

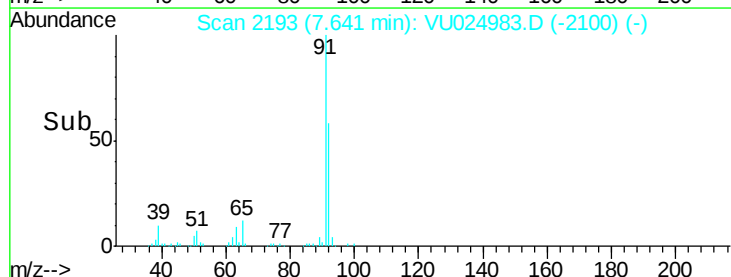
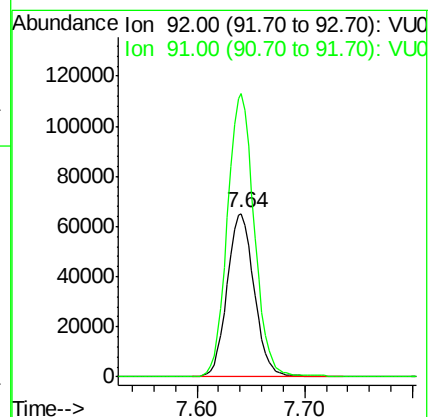
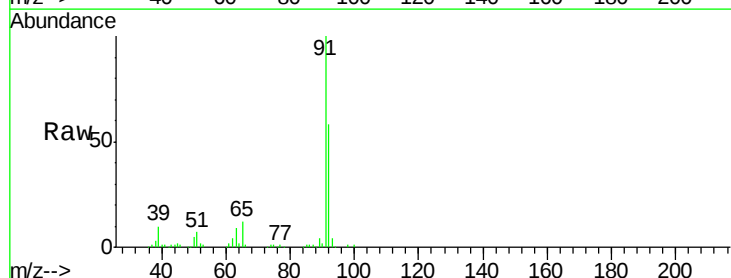
Acq: 27 Jun 2018 22:31

Tgt Ion: 92 Resp: 114293

Ion Ratio Lower Upper

92 100

91 172.1 140.5 210.7





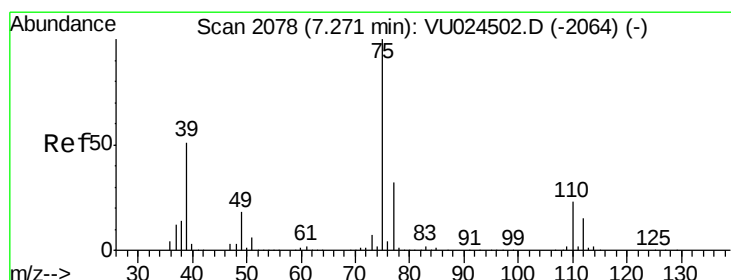
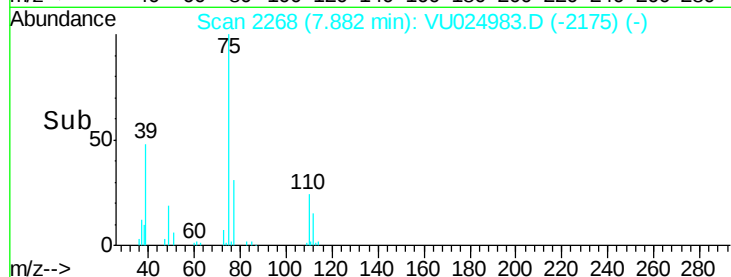
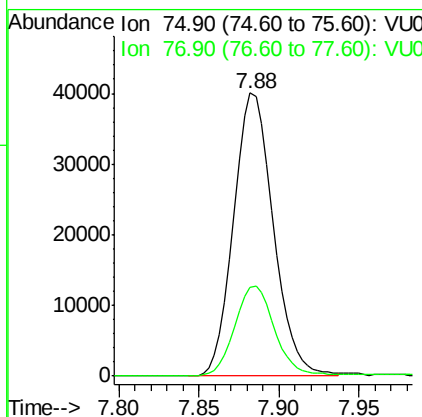
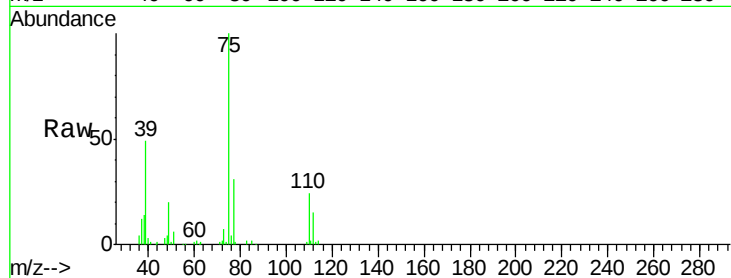
#53
t-1,3-Dichloropropene
Concen: 17.58 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.8	37.2

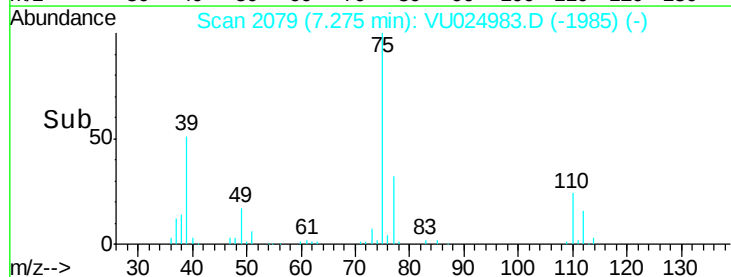
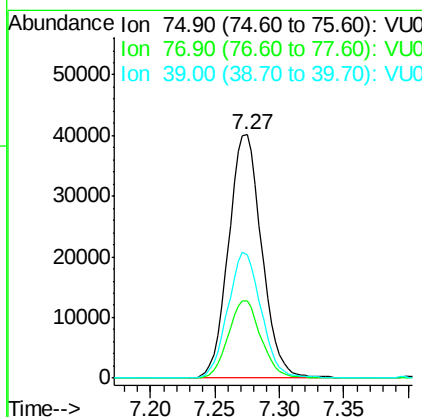
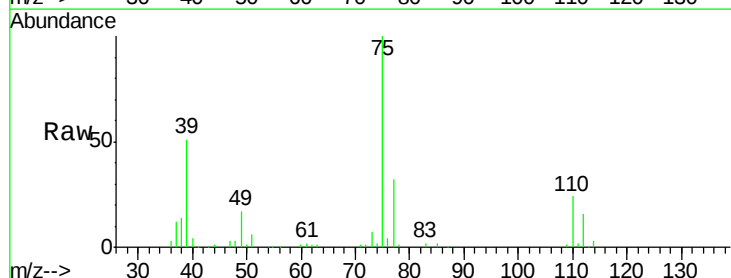
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 17.51 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.6	36.8
39	50.6	39.8	59.6





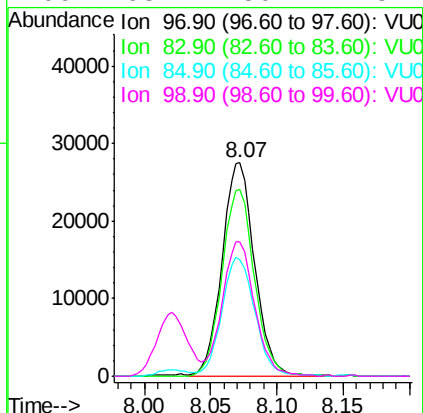
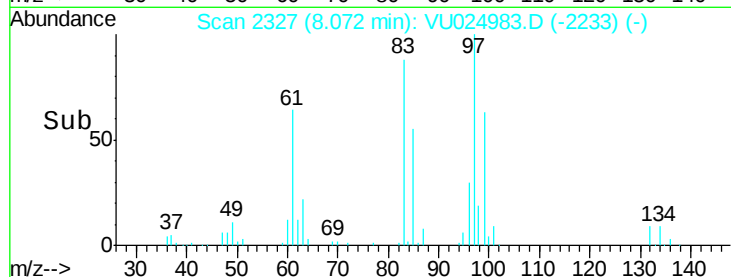
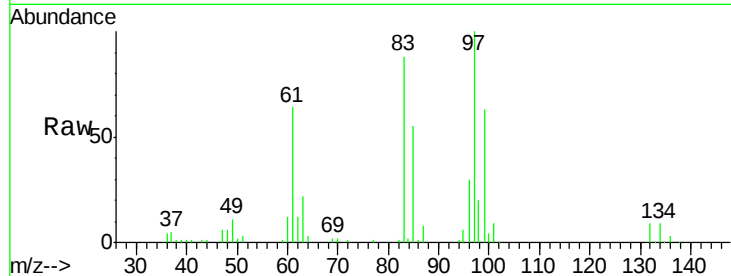
#55
 1,1,2-Trichloroethane
 Concen: 19.49 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		46963		
83	87.7	70.5	105.7		
85	54.3	46.4	69.6		
99	63.2	50.2	75.2		

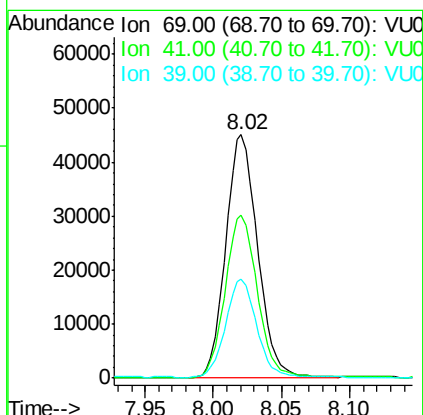
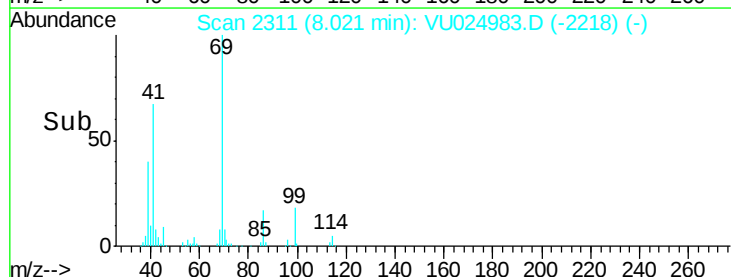
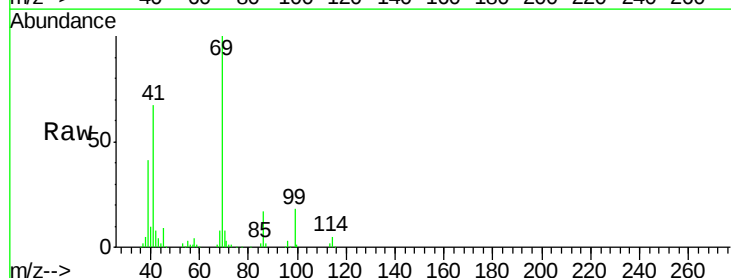
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 18.26 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		73632		
41	67.5	54.1	81.1		
39	38.7	30.3	45.5		





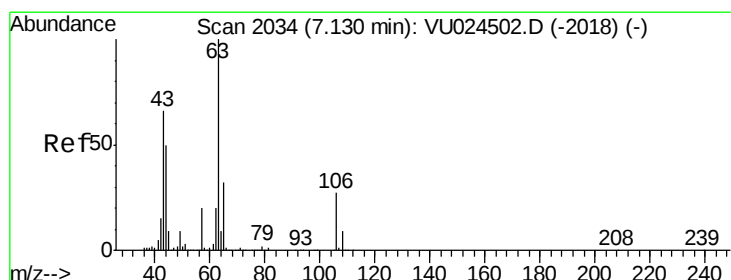
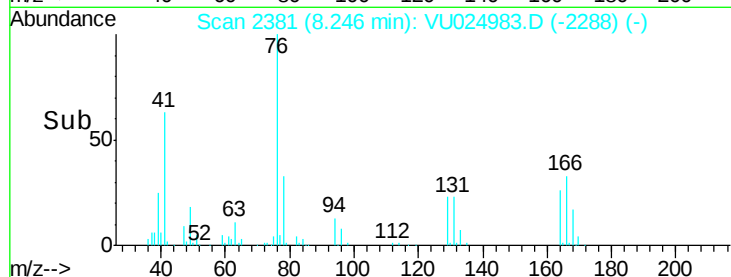
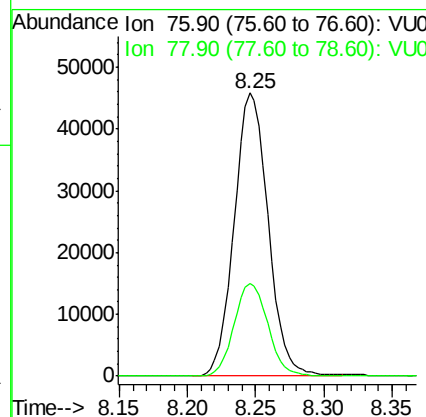
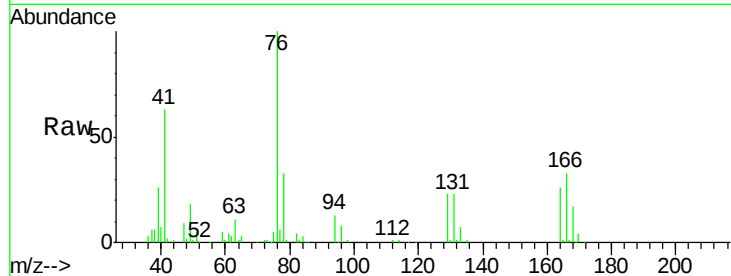
#57
 1,3-Dichloropropane
 Concen: 19.54 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Tot Ion: 76 Resp: 79442
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8

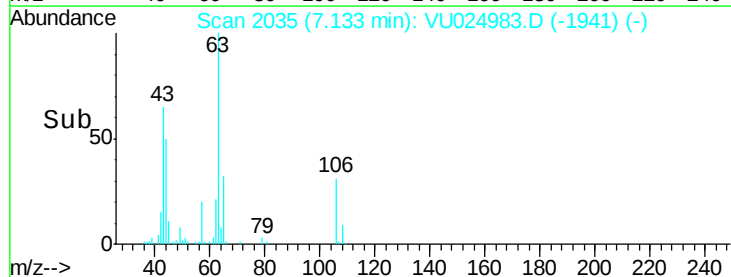
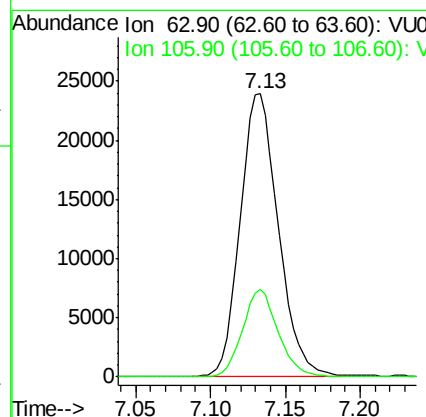
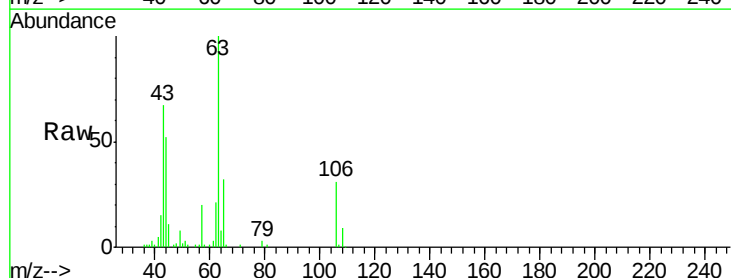
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 27.54 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion: 63 Resp: 42548
 Ion Ratio Lower Upper
 63 100
 106 28.7 20.2 30.2





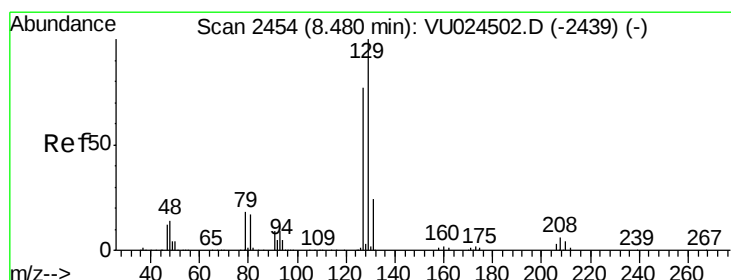
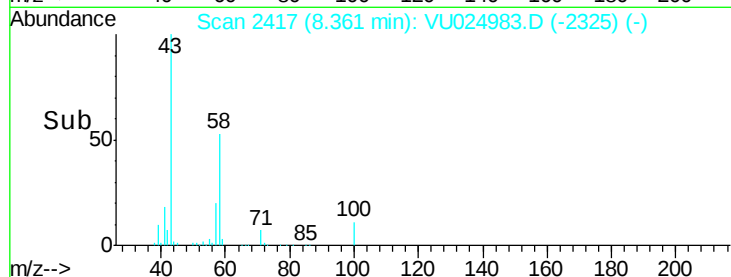
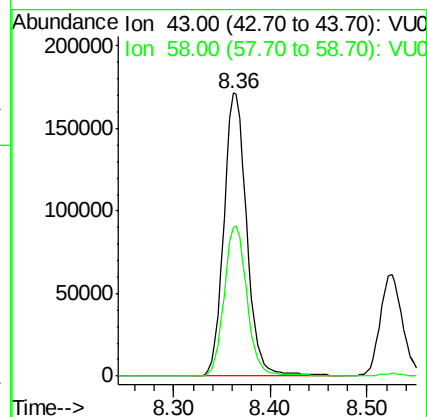
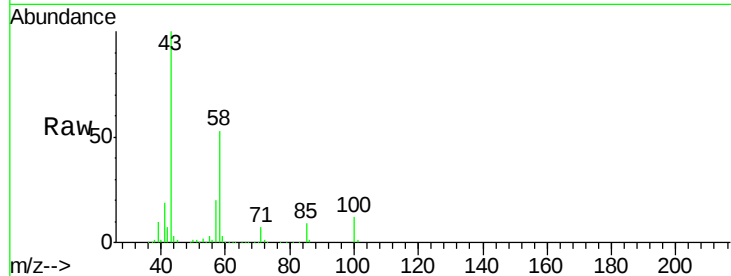
#59
2-Hexanone
Concen: 90.48 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.4	79.0

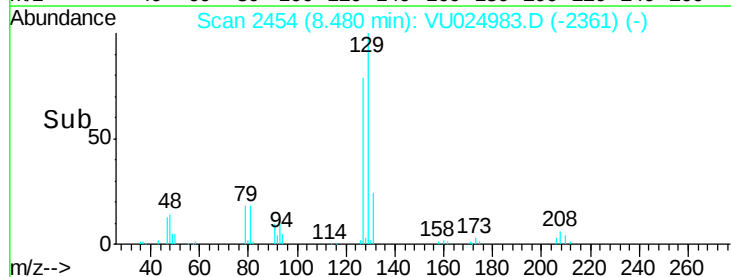
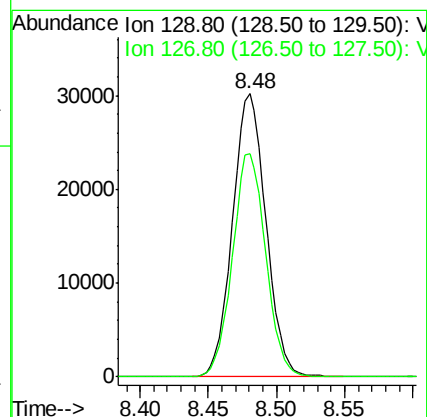
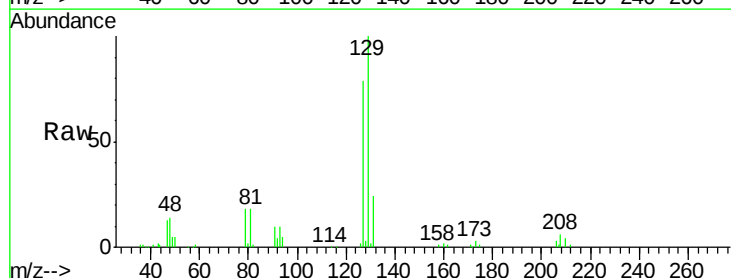
Manual Integrations
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#60
Dibromochloromethane
Concen: 17.11 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.6	116.0





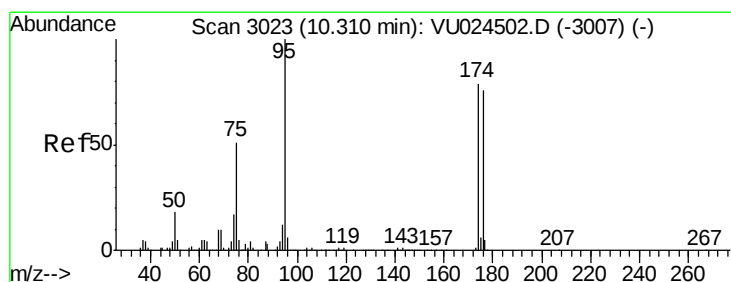
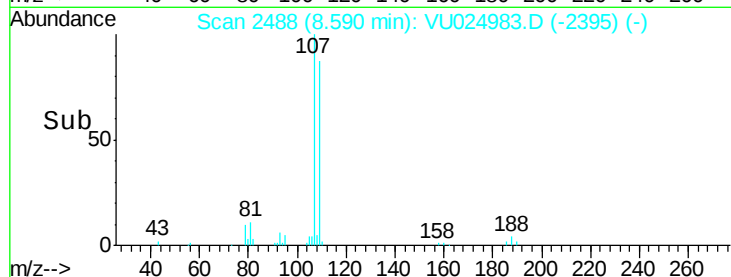
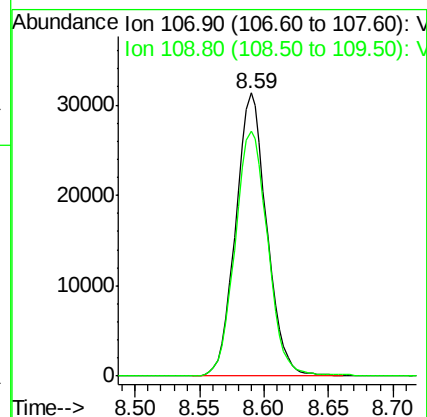
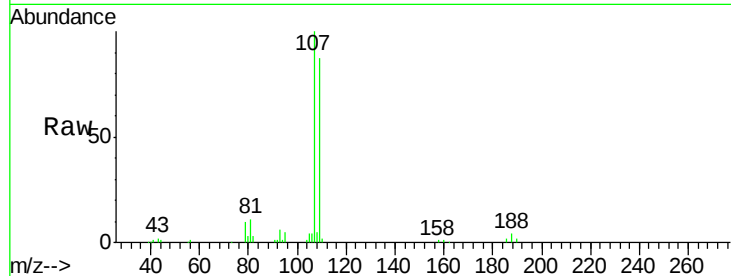
#61
 1,2-Dibromoethane
 Concen: 19.57 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.5	74.5	111.7

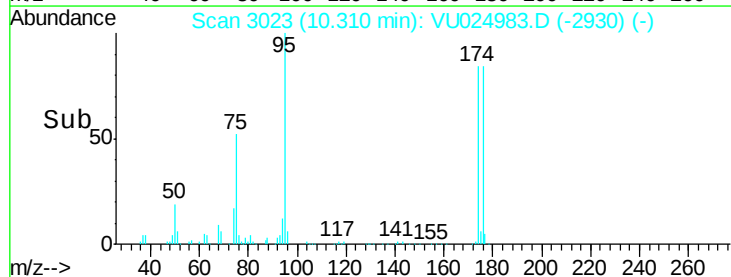
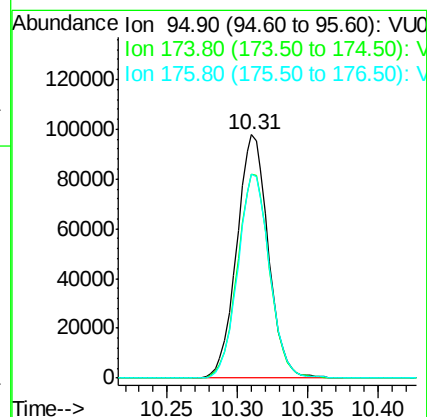
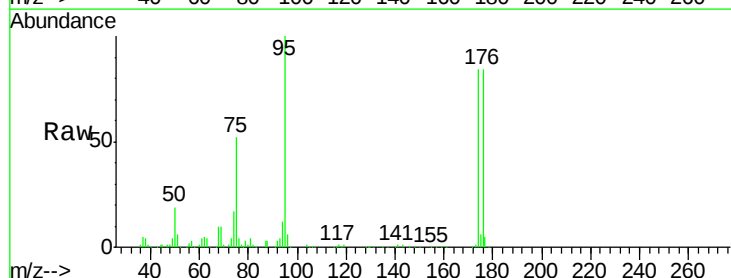
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 46.26 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	165.8
176	84.4	0.0	159.4





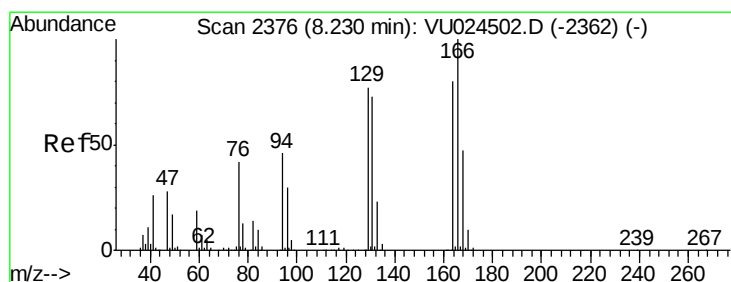
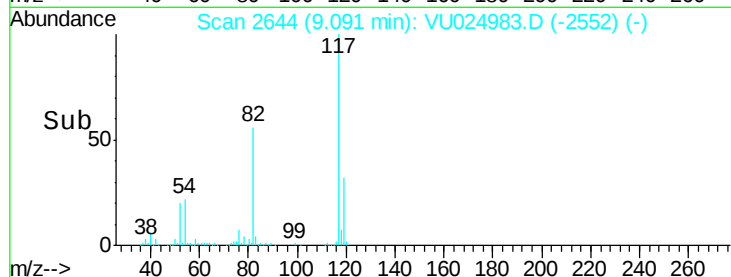
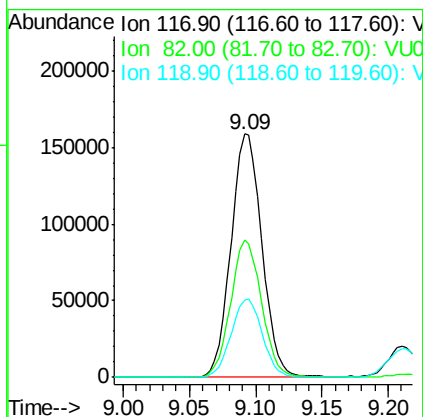
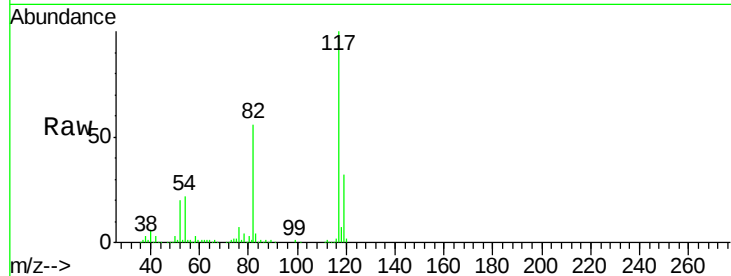
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ratio	Resp	Lower	Upper
117	100	257424		
82	56.4		44.3	66.5
119	32.0		25.4	38.2

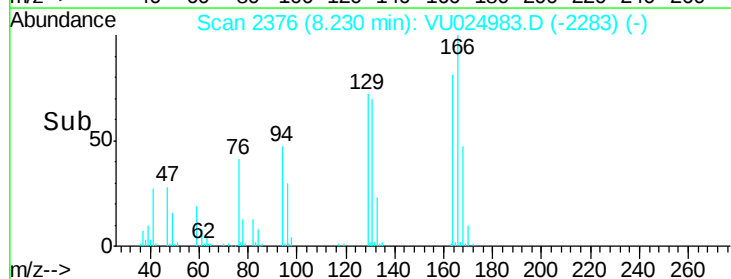
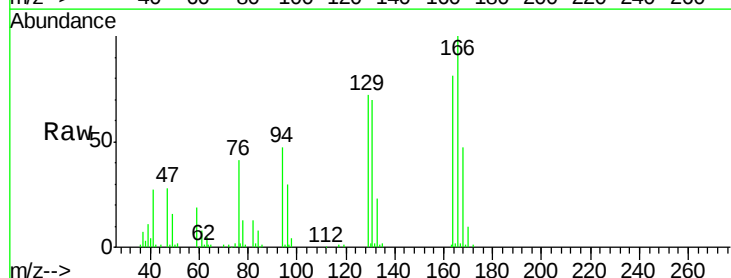
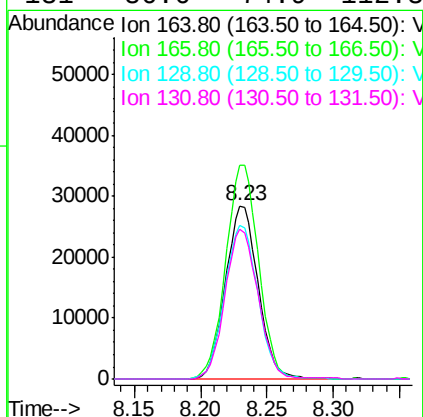
Manual Integrations
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6/28/2018 4:37:03 PM



#64
Tetrachloroethene
Concen: 19.89 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48677		
166	123.3		101.7	152.5
129	88.5		76.9	115.3
131	86.6		74.9	112.3





#65

Chlorobenzene

Concen: 19.39 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion:112 Resp: 127484

Ion Ratio Lower Upper

112 100

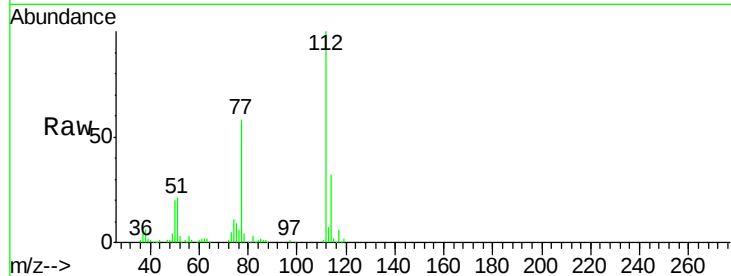
114 32.4 25.6 38.4

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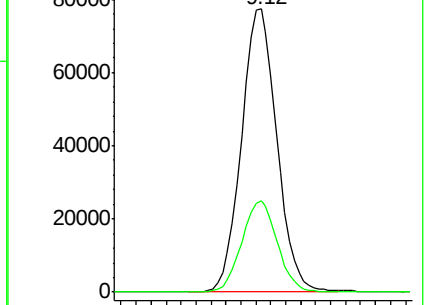
MMDadoda

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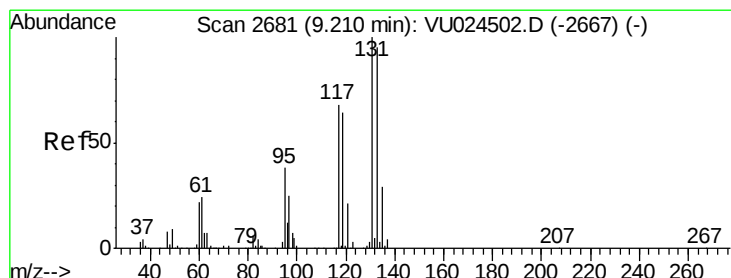
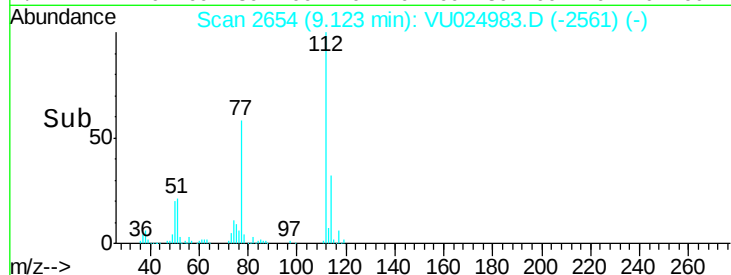


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.36 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

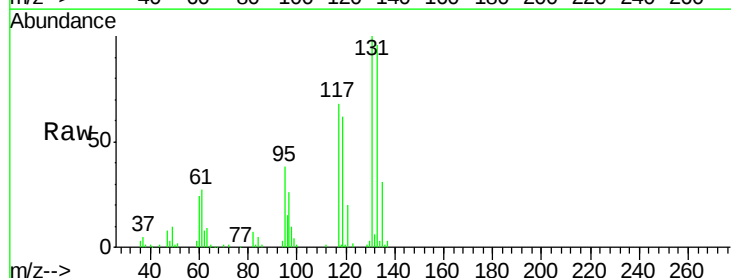
Tgt Ion:131 Resp: 48364

Ion Ratio Lower Upper

131 100

133 96.3 46.9 140.8

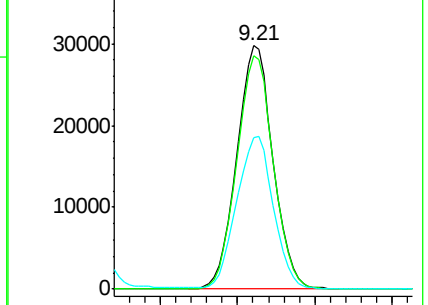
119 63.9 33.5 100.4



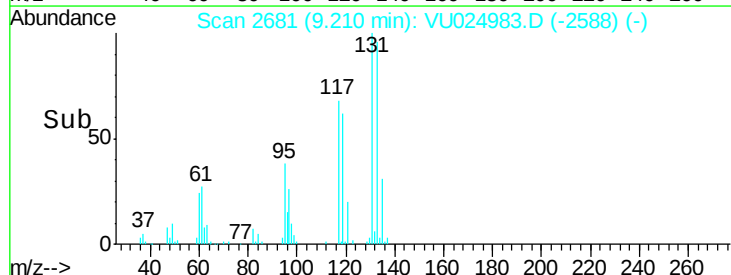
Abundance Ion 130.80 (130.50 to 131.50): V

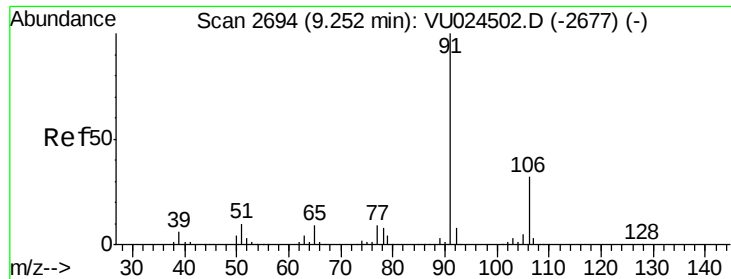
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





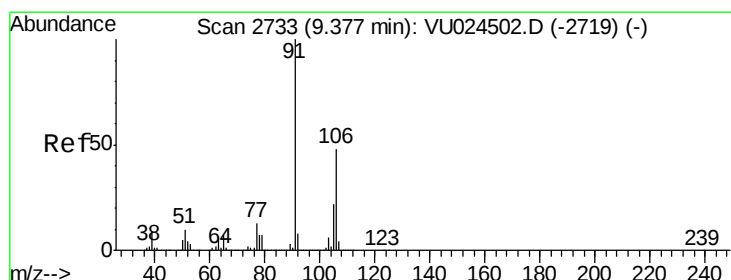
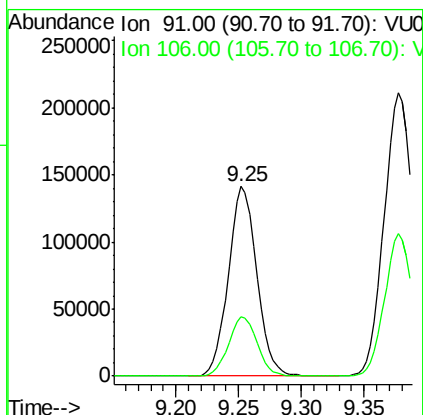
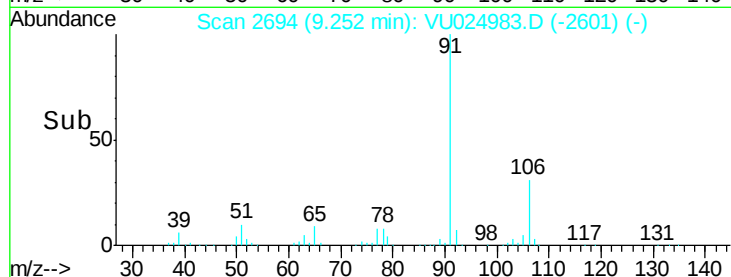
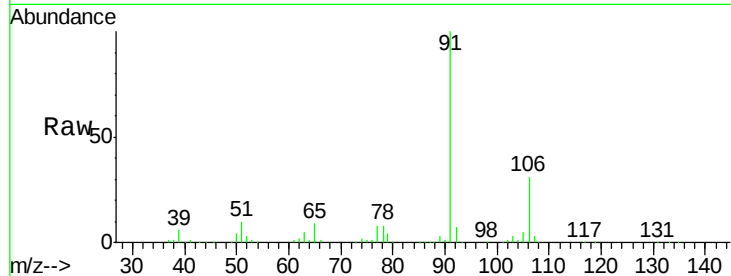
#67
Ethyl Benzene
Concen: 19.29 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion: 91 Resp: 222355
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4

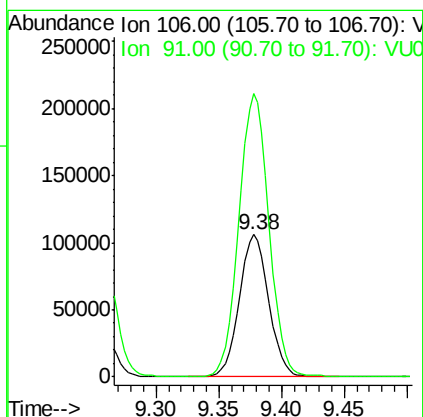
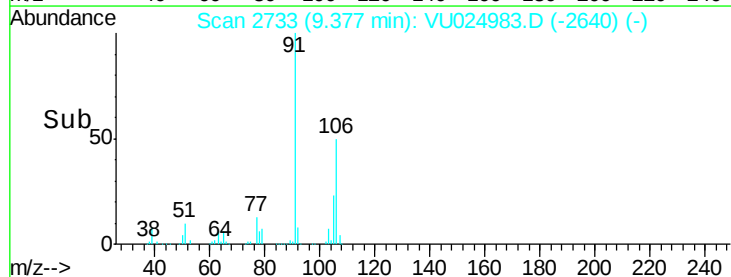
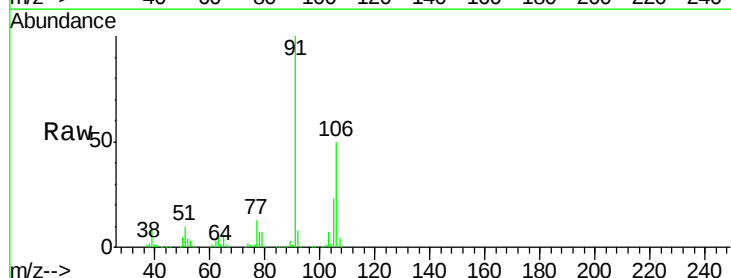
Manual Integrations
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#68
m/p-Xylenes
Concen: 39.05 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion: 106 Resp: 172884
Ion Ratio Lower Upper
106 100
91 203.1 166.5 249.7





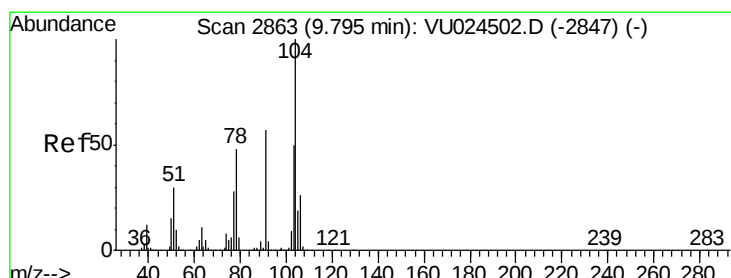
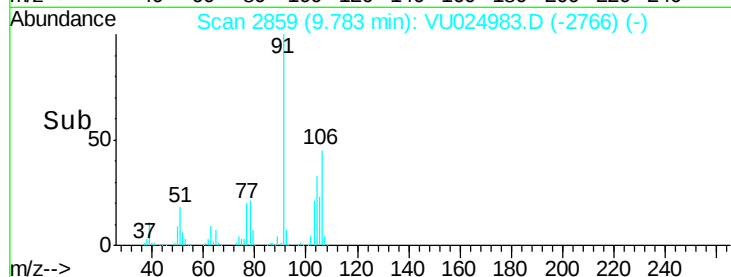
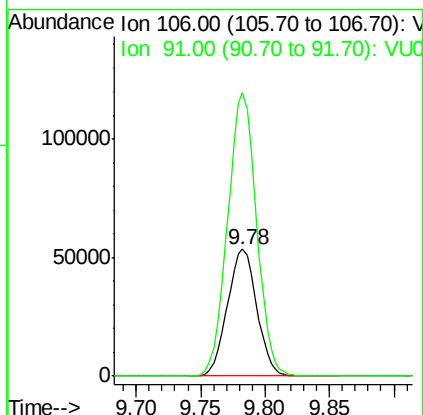
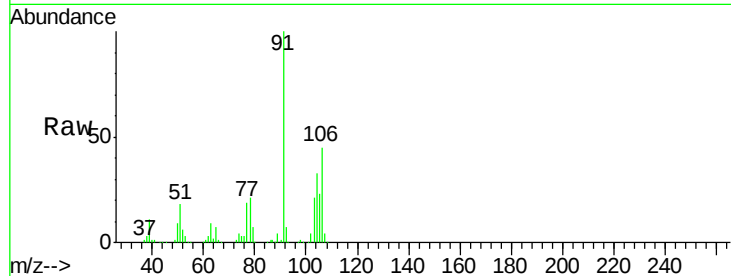
#69
o-Xylene
Concen: 19.36 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	219.6	110.7	331.9	

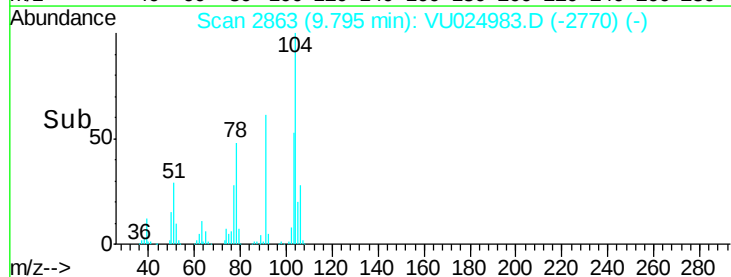
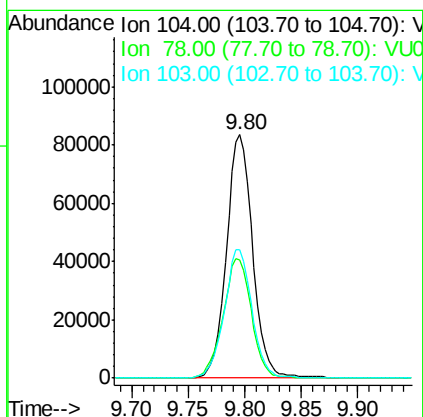
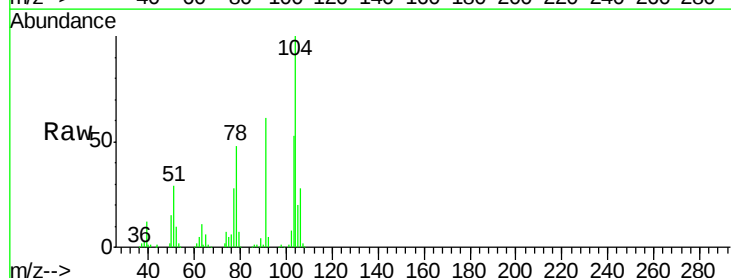
Manual Integrations
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#70
Styrene
Concen: 18.68 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.1	40.6	60.8	
103	55.9	44.7	67.1	





#71

Bromoform

Concen: 16.53 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion:173 Resp: 39248

Ion Ratio Lower Upper

173 100

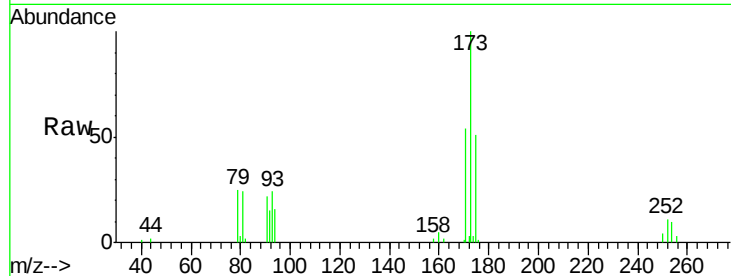
175 48.7 24.6 74.0

254 0.0 0.0 0.0

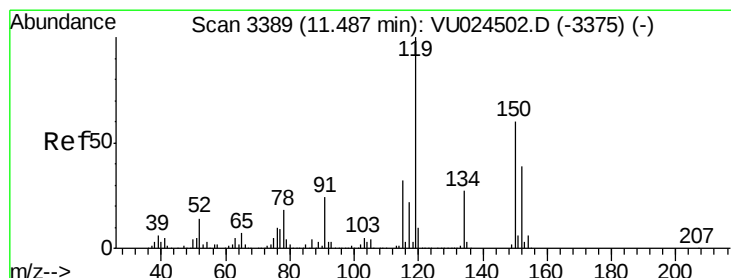
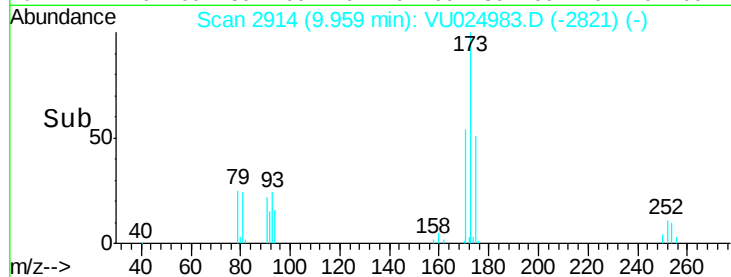
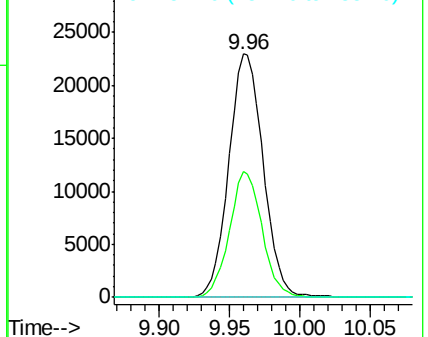
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

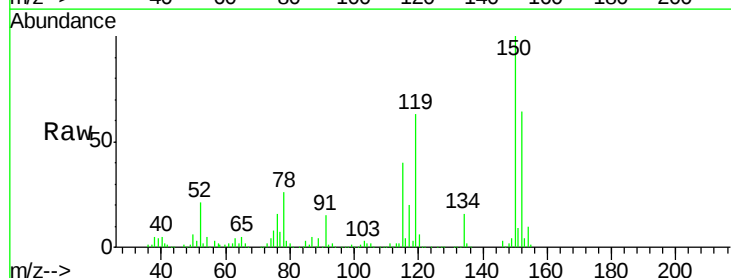
Tgt Ion:152 Resp: 147962

Ion Ratio Lower Upper

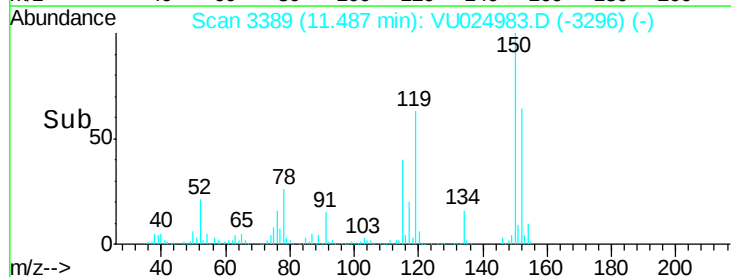
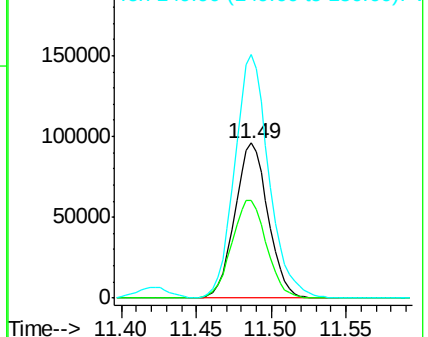
152 100

115 66.3 43.0 129.0

150 162.3 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: 20.54 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion: 105 Resp: 233376

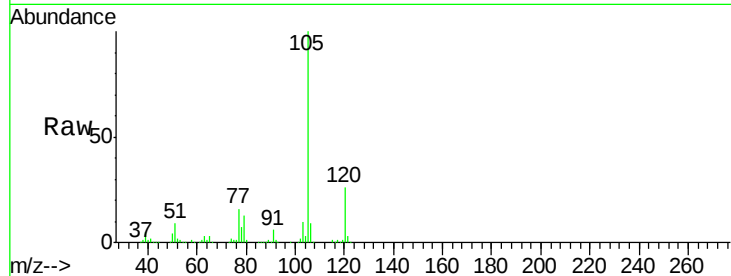
Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6

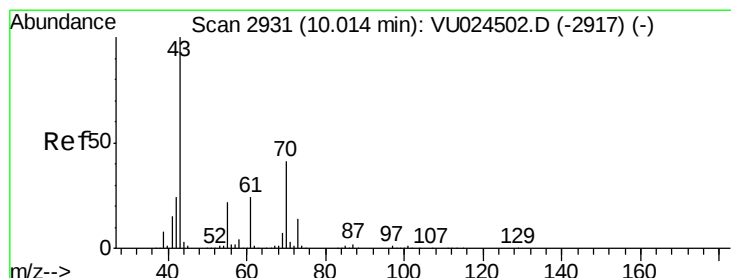
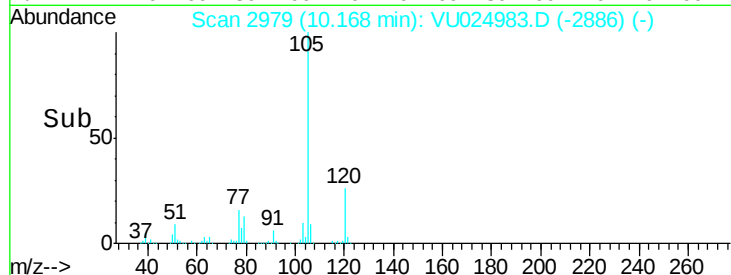
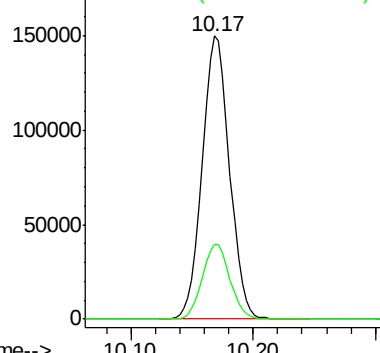
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.79 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Tgt Ion: 43 Resp: 96108

Ion Ratio Lower Upper

43 100

70 41.5 32.2 48.4

55 24.1 20.5 30.7

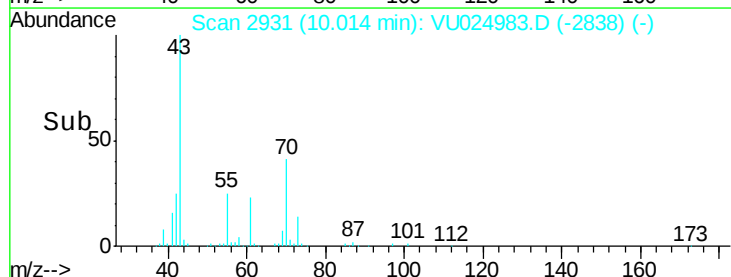
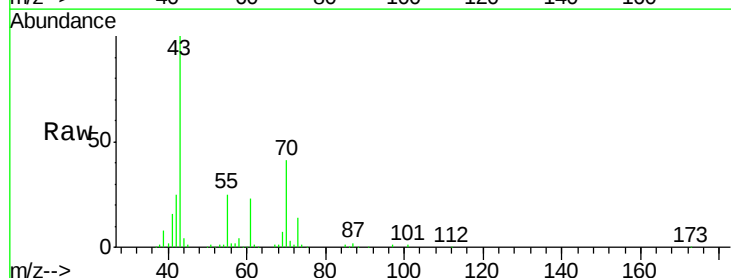
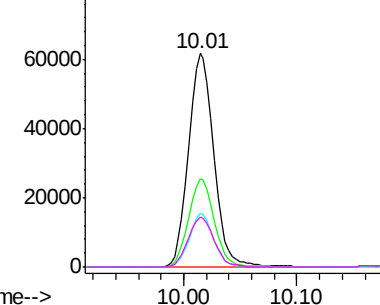
61 23.7 18.7 28.1

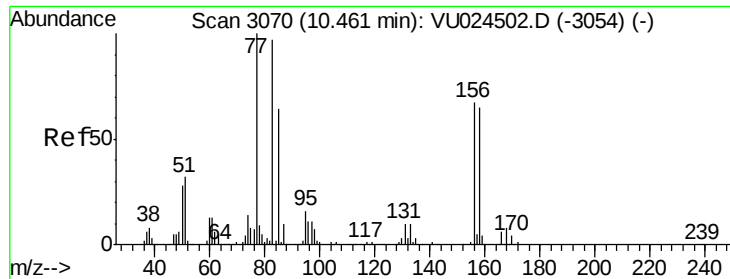
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.88 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion: 83 Resp: 75668

Ion Ratio Lower Upper

83 100

131 10.8 4.7 14.1

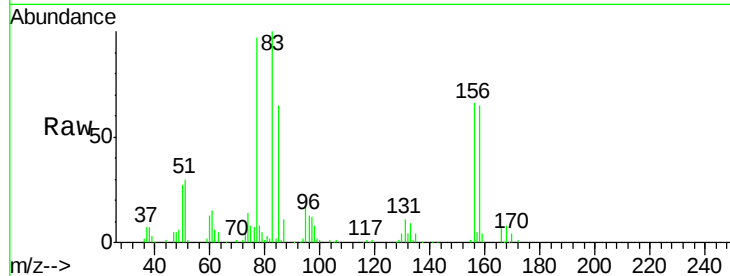
85 66.6 32.5 97.5

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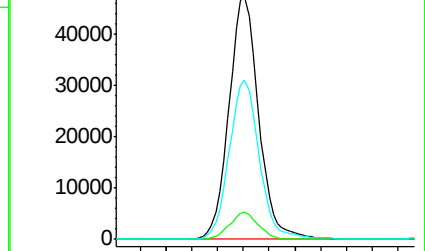
6/28/2018 4:37:03 PM



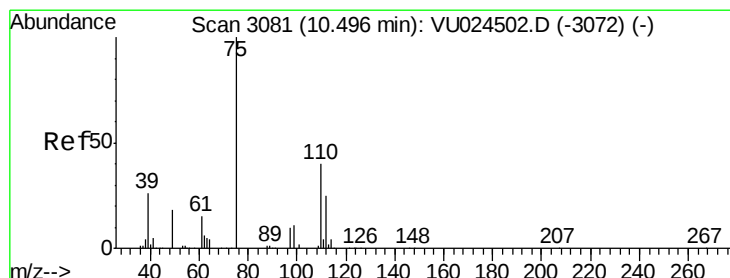
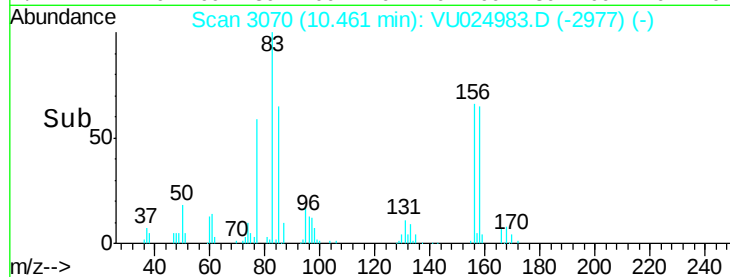
Abundance Ion 82.90 (82.60 to 83.60): VU024983.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024983.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024983.D (-2977) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 21.46 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024983.D

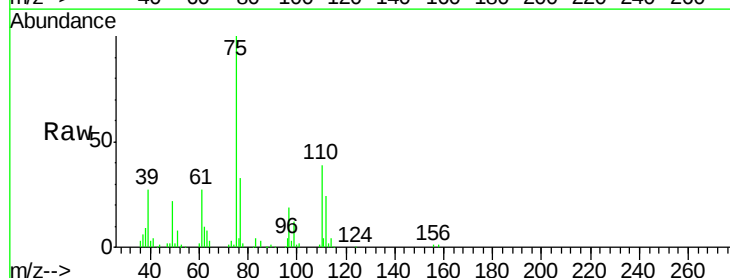
Acq: 27 Jun 2018 22:31

Tgt Ion: 75 Resp: 69915

Ion Ratio Lower Upper

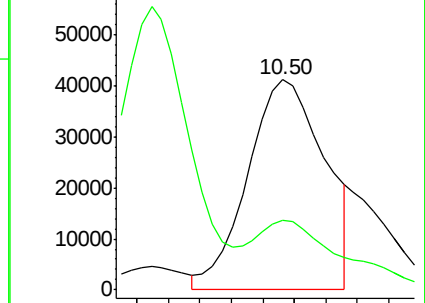
75 100

77 37.6 20.9 62.7

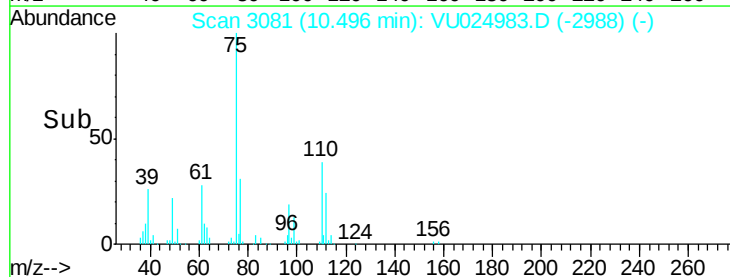


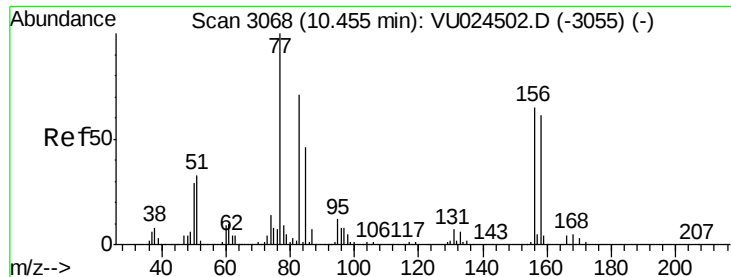
Abundance Ion 74.90 (74.60 to 75.60): VU024983.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024983.D (-2988) (-)



Time-->





#77

Bromobenzene

Concen: 20.10 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

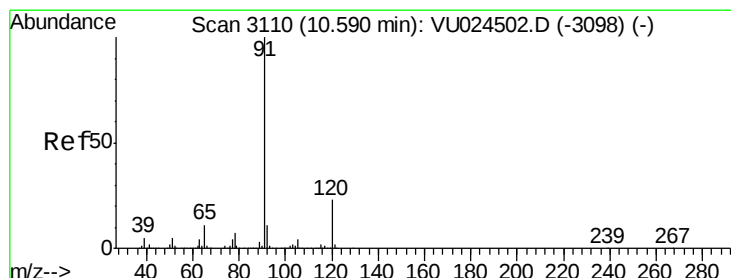
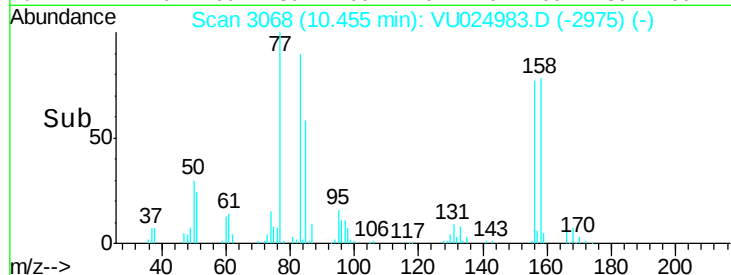
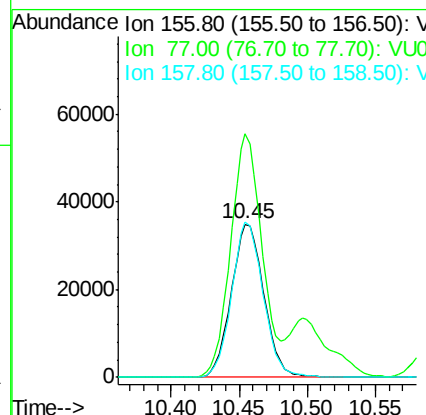
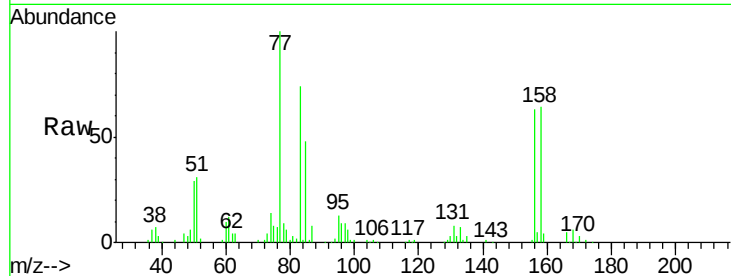
ClientSampleId :

VU0627MBS04

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.5	80.5	241.3
158	98.1	48.2	144.6

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#78

n-propylbenzene

Concen: 18.80 ug/l

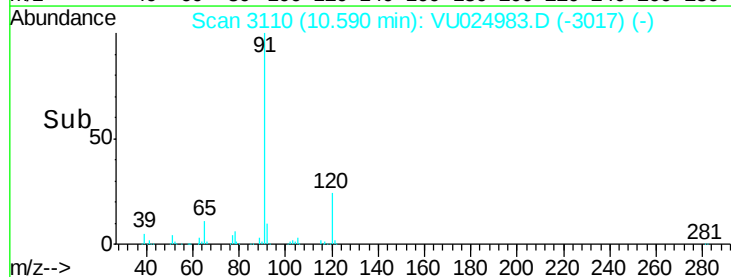
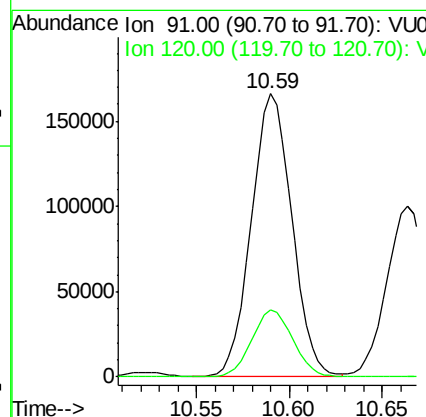
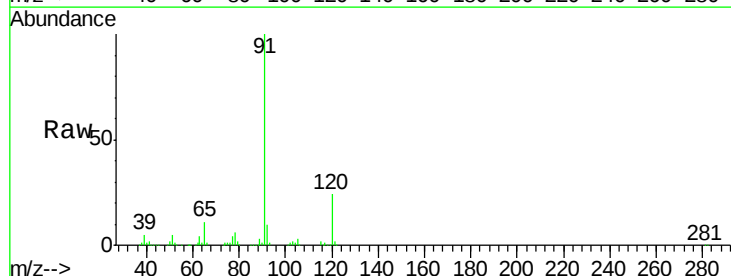
RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.2	33.5





#79

2-Chlorotoluene

Concen: 19.83 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion: 91 Resp: 156466

Ion Ratio Lower Upper

91 100

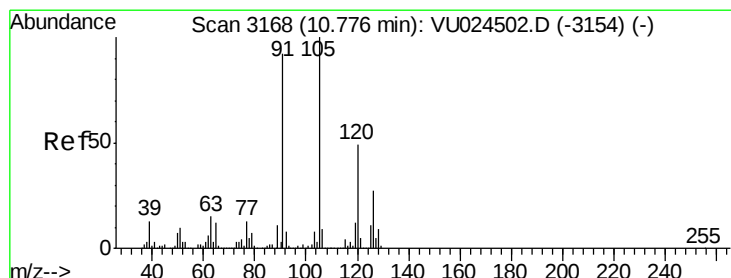
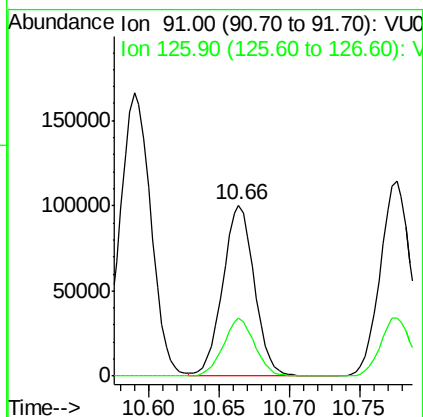
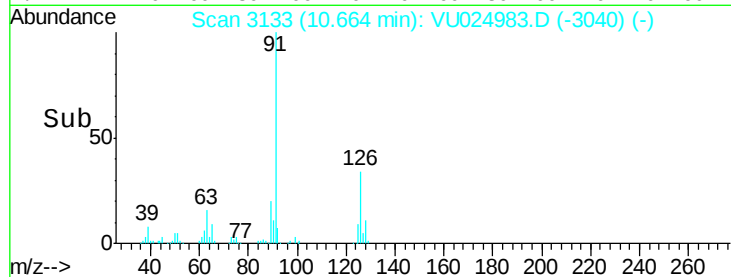
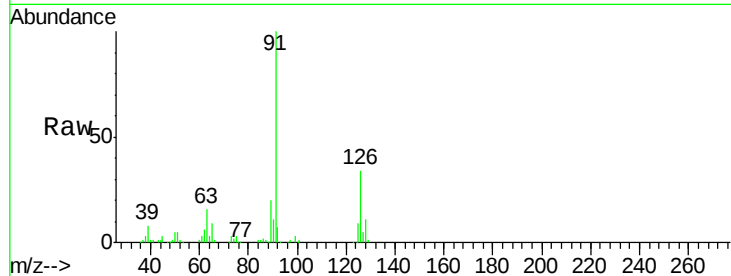
126 33.7 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.88 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024983.D

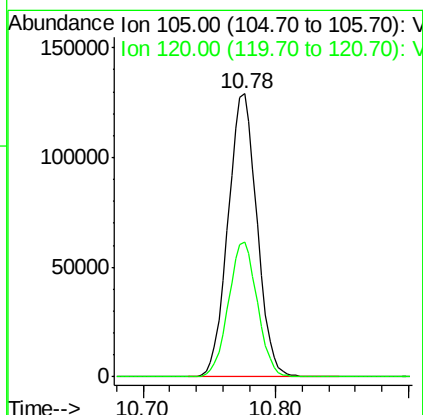
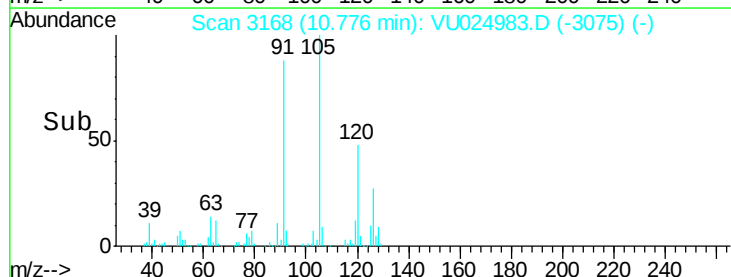
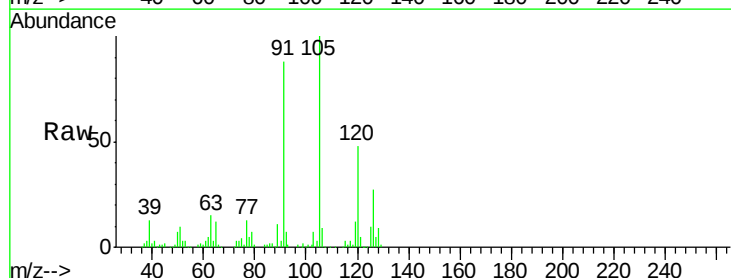
Acq: 27 Jun 2018 22:31

Tgt Ion: 105 Resp: 195769

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.2





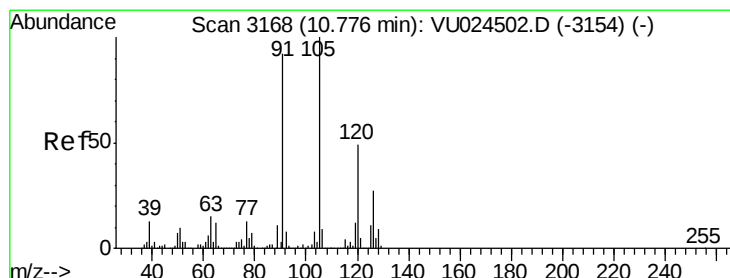
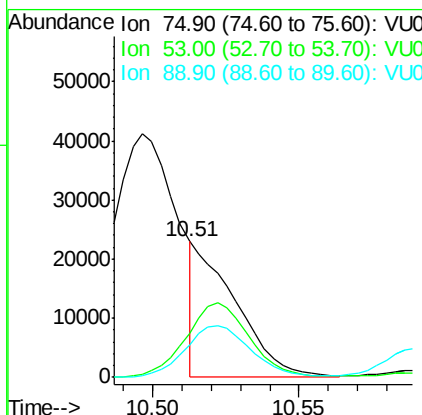
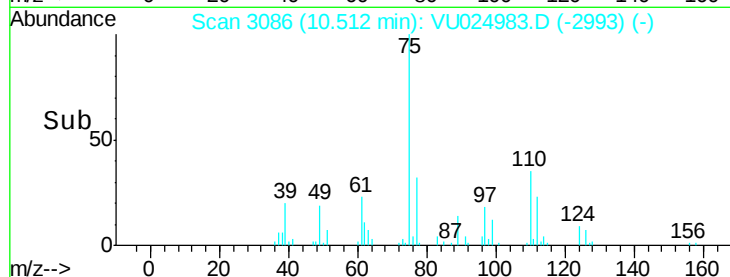
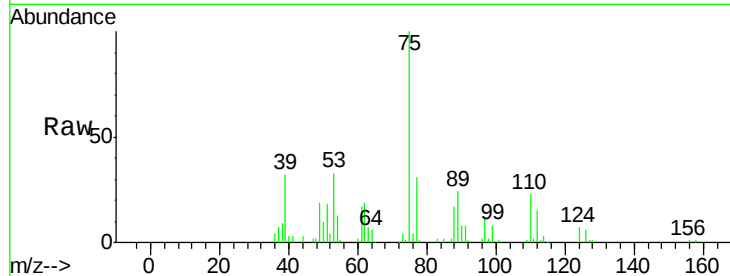
#81
trans-1,4-Dichloro-2-butene
Concen: 16.05 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

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

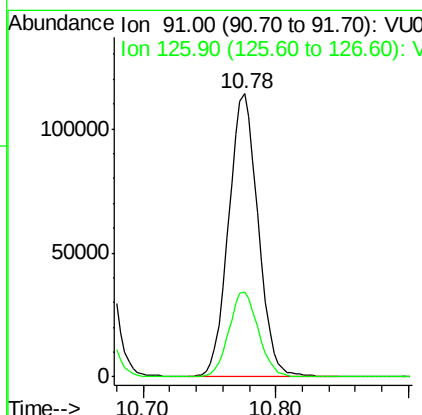
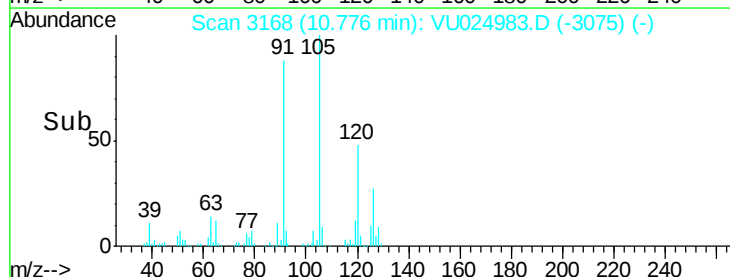
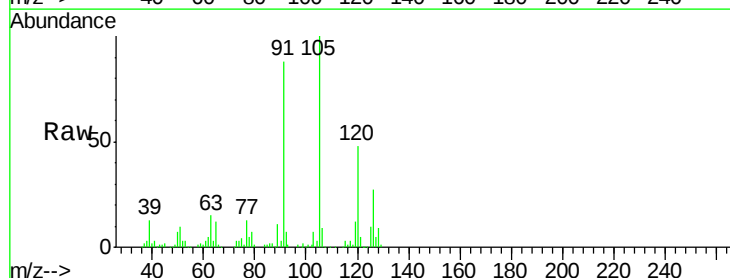
Manual Integrations
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#82
4-Chlorotoluene
Concen: 19.10 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.9	44.9





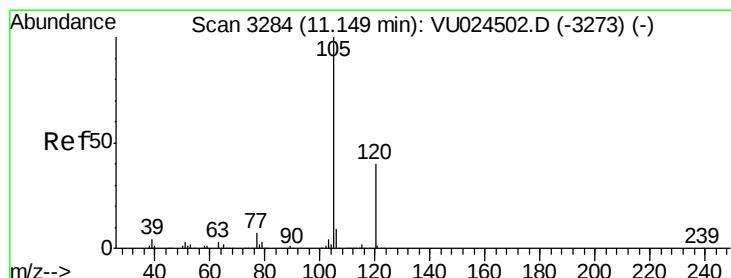
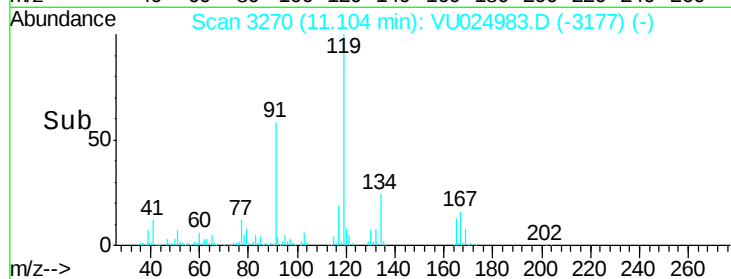
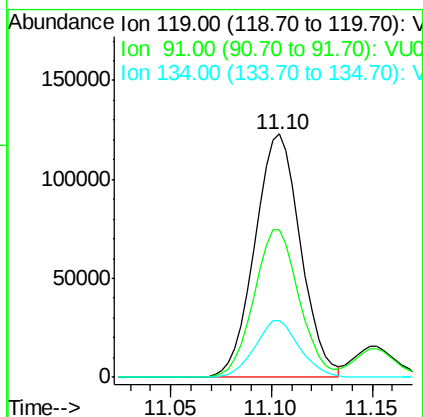
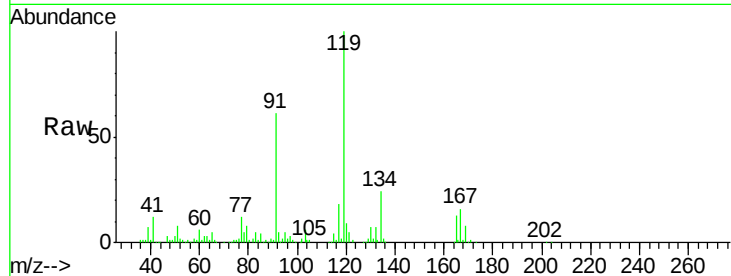
#83
 tert-Butylbenzene
 Concen: 20.57 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Tot Ion	Ratio	Resp	Lower	Upper
119	100	194847		
91	60.1	29.7	89.1	
134	22.8	11.6	34.7	

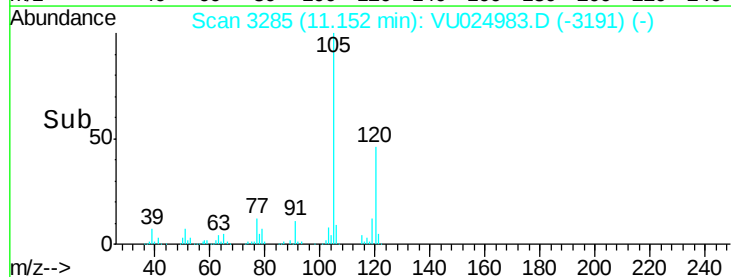
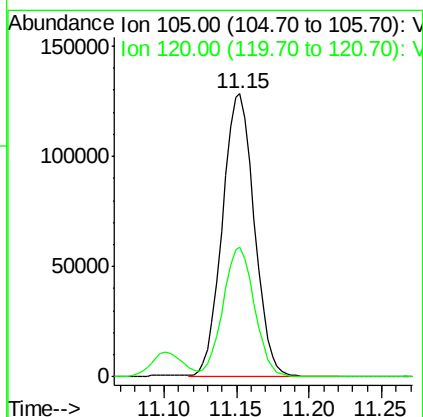
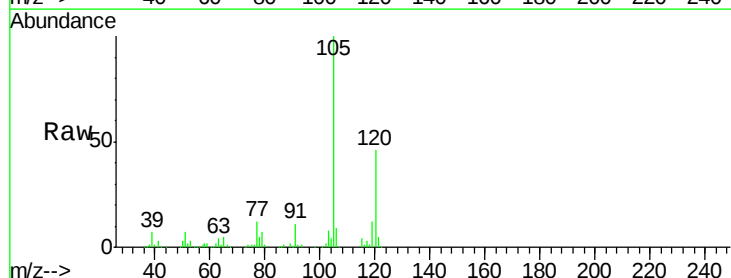
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.46 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	195269		
120	45.3	22.6	67.8	





#85

sec-Butylbenzene

Concen: 19.50 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS04

Tot Ion:105 Resp: 231190

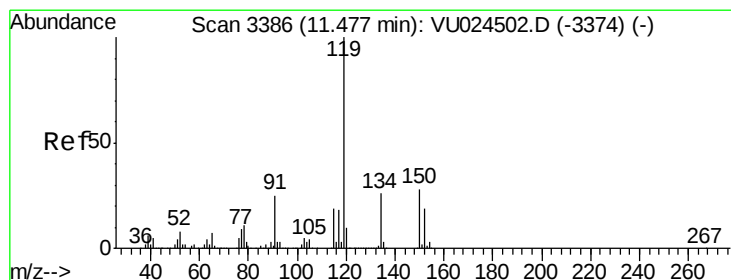
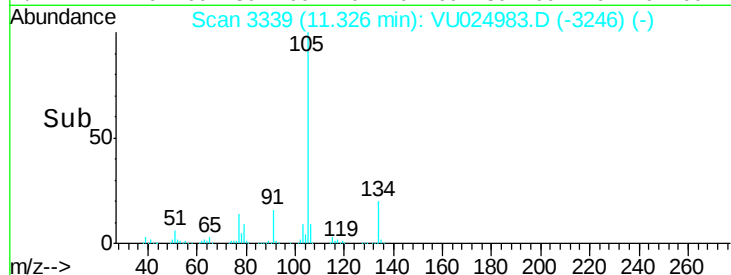
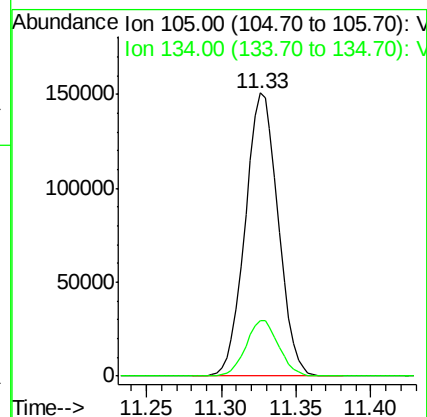
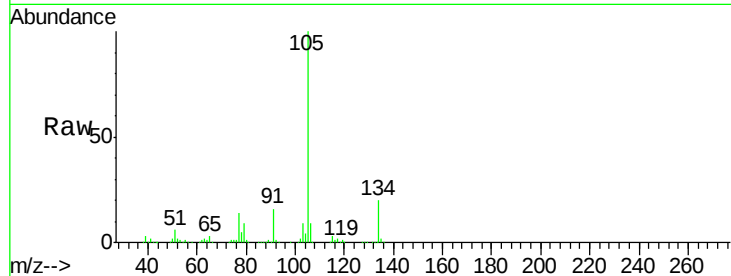
Ion Ratio Lower Upper

105 100

134 19.6 9.7 29.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 18.81 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

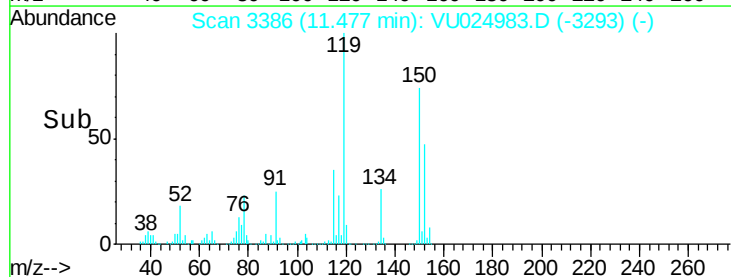
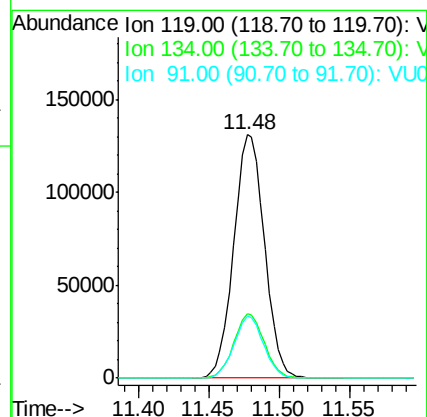
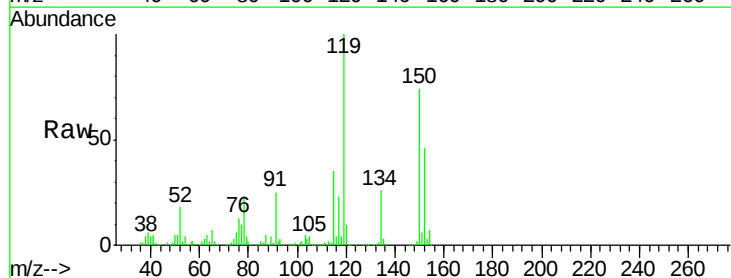
Tgt Ion:119 Resp: 199774

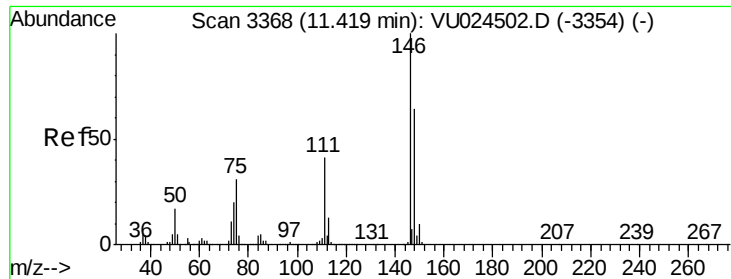
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 24.4 12.0 36.1





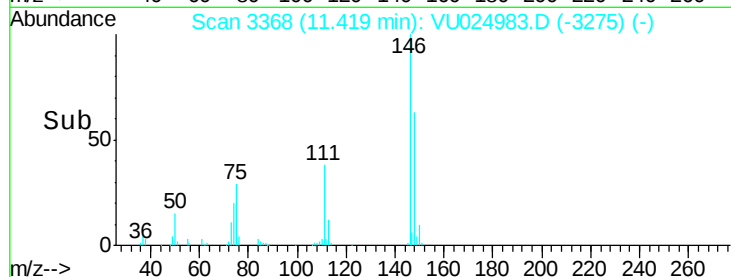
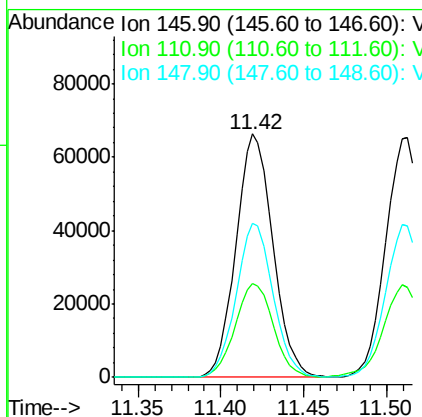
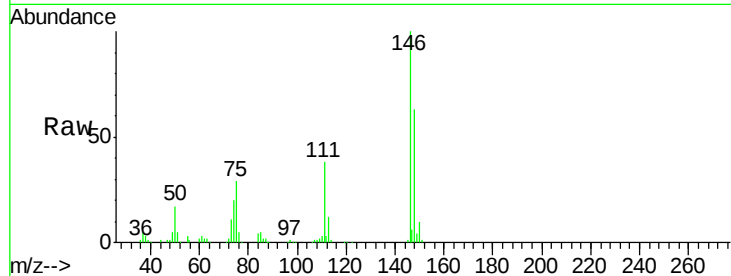
#87
 1,3-Dichlorobenzene
 Concen: 19.38 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.2	32.1	96.5

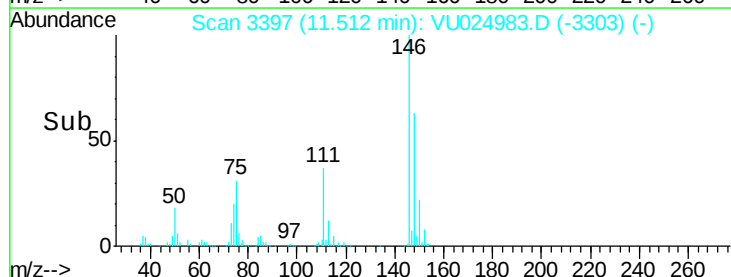
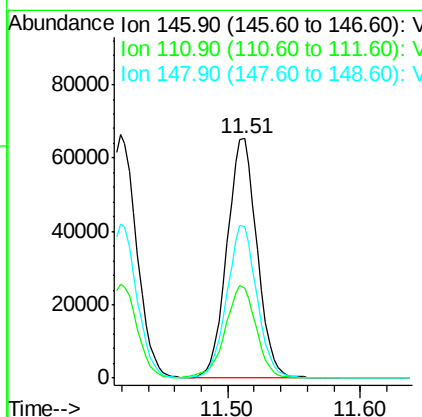
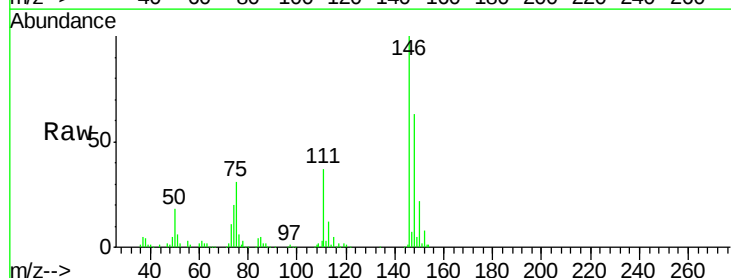
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 19.21 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.5	58.5
148	63.9	32.4	97.0





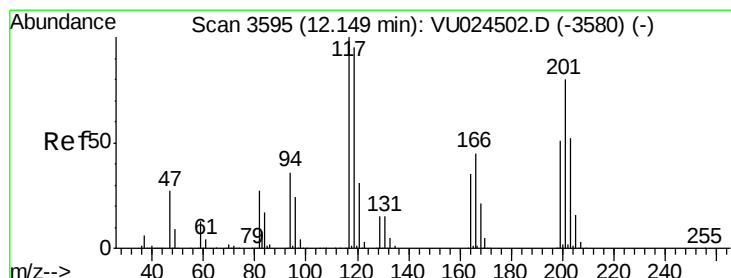
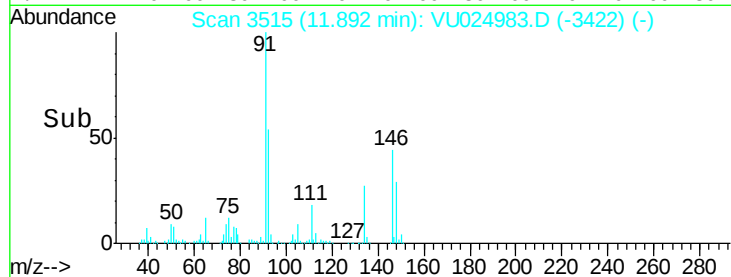
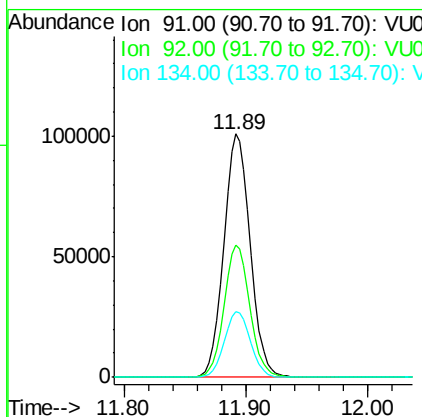
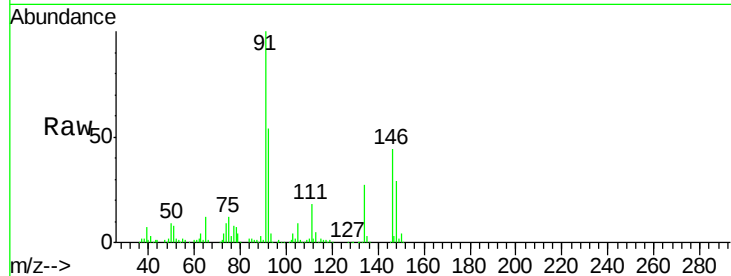
#89
n-Butylbenzene
Concen: 16.27 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Instrument :
MSVOA_U
ClientSampled :
VU0627MBS04

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.6	76.8
134	26.8	12.3	36.8

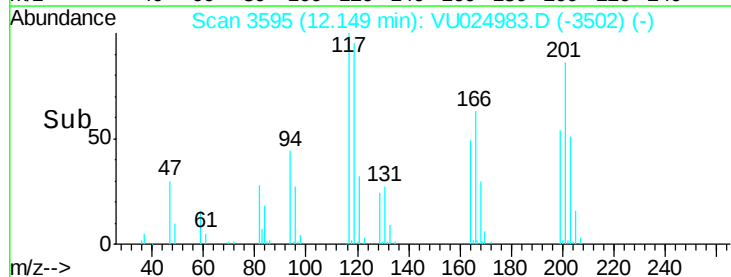
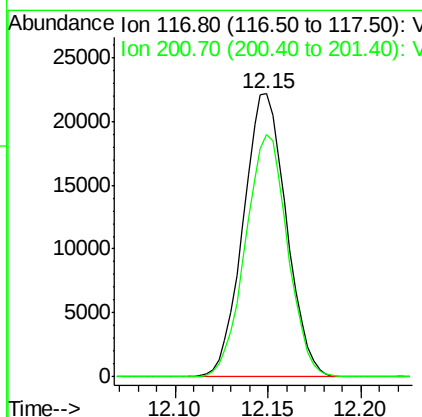
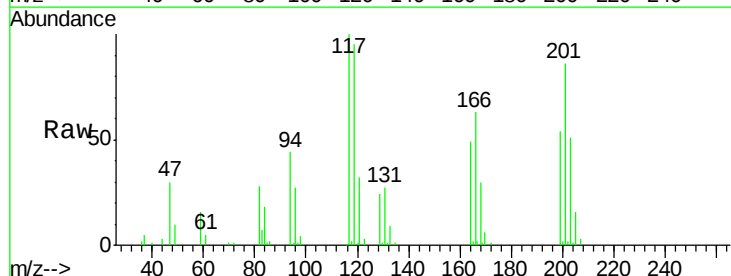
Manual Integrations
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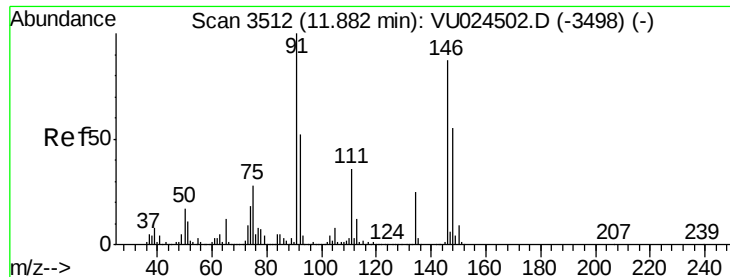
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#90
Hexachloroethane
Concen: 17.35 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024983.D
Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	41.1	123.3





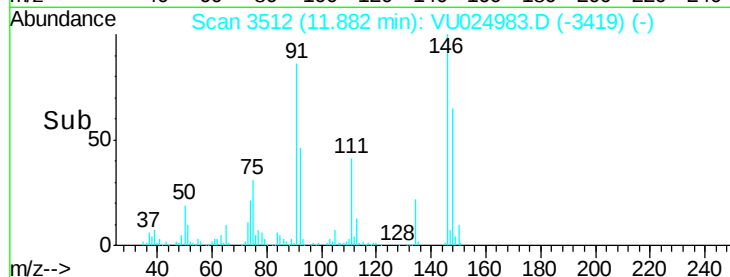
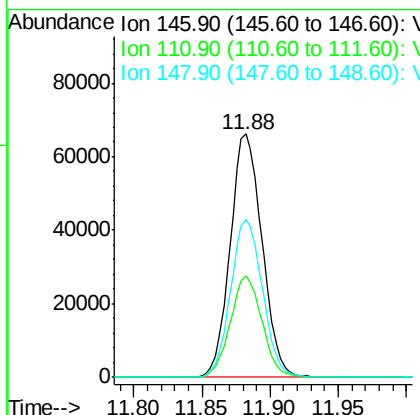
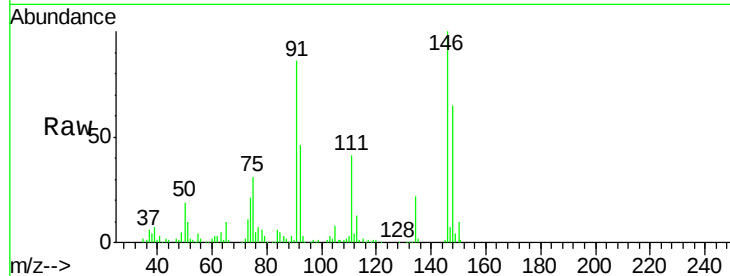
#91
 1,2-Dichlorobenzene
 Concen: 20.23 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.1	20.5	61.6	
148	64.8	31.9	95.7	

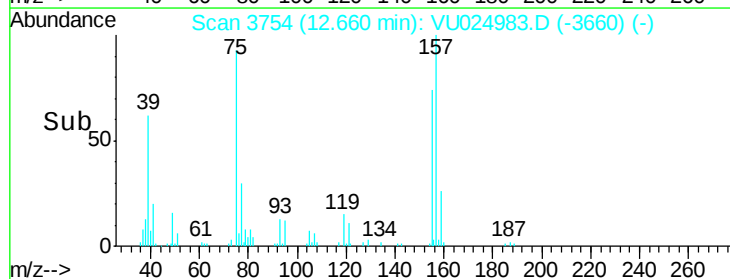
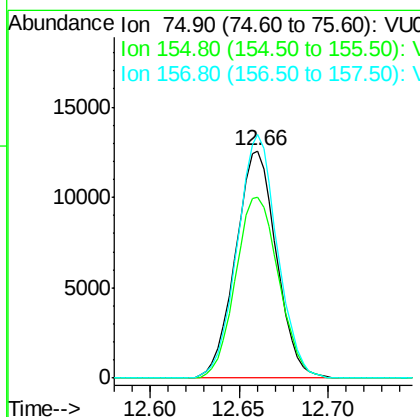
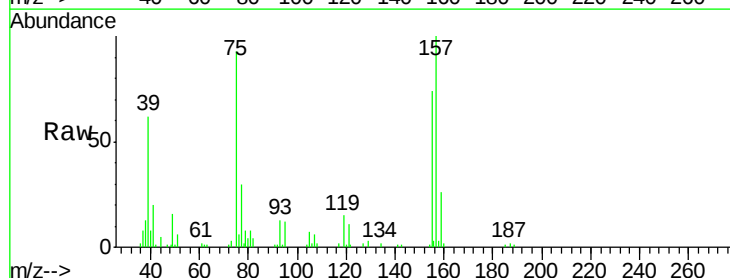
Manual Integrations
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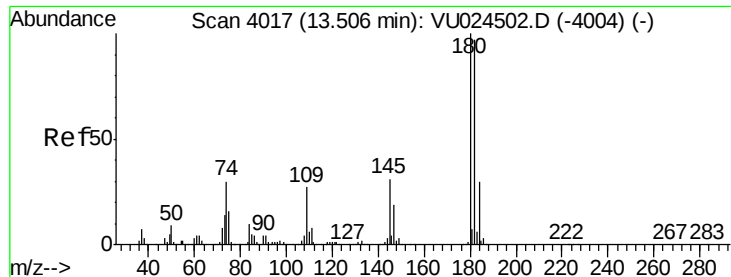
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.17 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	84.1	40.4	121.2	
157	105.0	52.3	156.8	





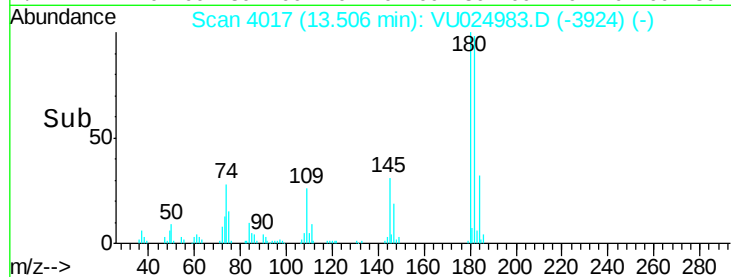
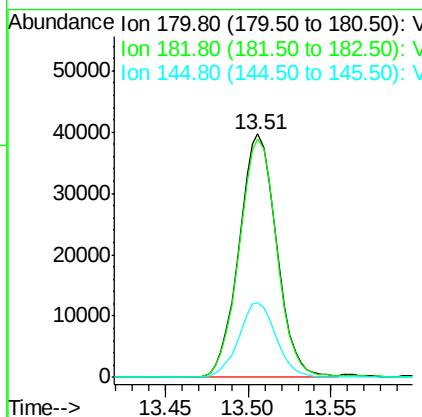
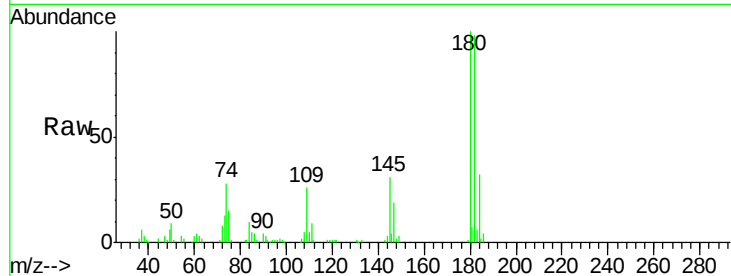
#93
 1,2,4-Trichlorobenzene
 Concen: 19.05 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS04

Tot Ion:	180	Resp:	62616
Ion Ratio	Lower	Upper	
180	100		
182	98.2	48.0	144.2
145	30.4	14.7	44.1

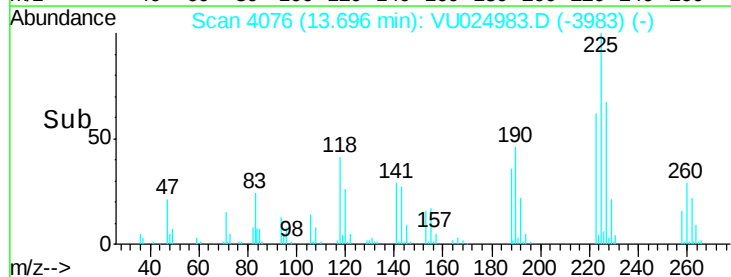
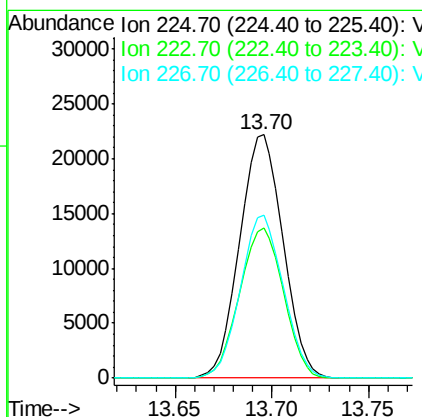
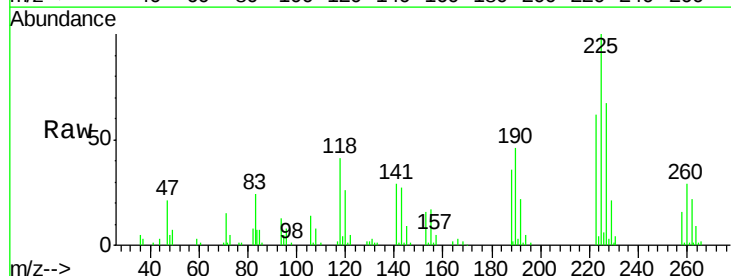
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 18.82 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024983.D
 Acq: 27 Jun 2018 22:31

Tgt Ion:	225	Resp:	34804
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.3	93.8
227	65.7	31.8	95.4





#95

Naphthalene

Concen: 20.34 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Instrument :

MSVOA_U

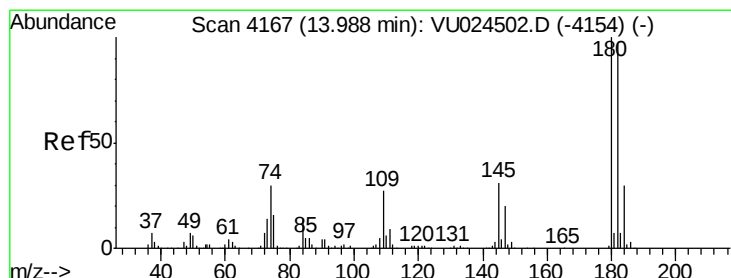
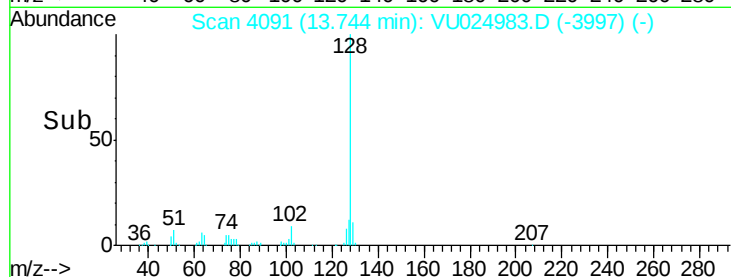
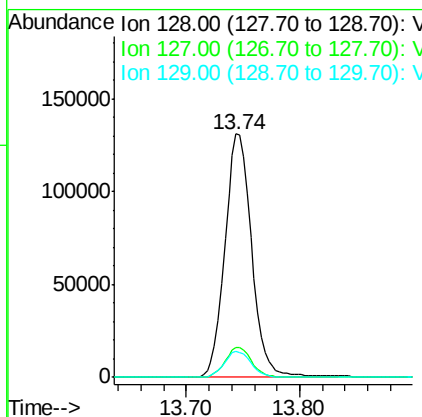
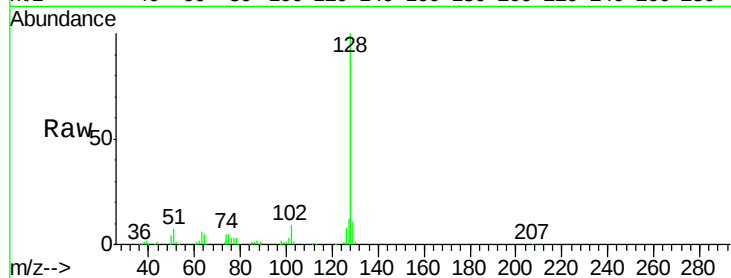
ClientSampleId :

VU0627MBS04

Tot Ion:	128	Resp:	216883
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.6	16.0
129	10.8	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 21.09 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU024983.D

Acq: 27 Jun 2018 22:31

Tgt Ion:	180	Resp:	69067
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.7
145	31.6	15.4	46.1

