

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024554.D
 Acq On : 14 Jun 2018 20:45
 Operator : MD/SY
 Sample : J3443-06MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Manual Integrations
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Quant Time: Jun 15 05:08:56 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	166563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269002	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	257611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	129015	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	4.89	113	110053	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	7.57	98	406576	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	10.31	95	160549	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	90794	43.550	ug/l	98
3) Chloromethane	1.33	50	100396	47.135	ug/l	100
4) Vinyl Chloride	1.40	62	109928	50.044	ug/l	99
5) Bromomethane	1.63	94	61481	57.898	ug/l	98
6) Chloroethane	1.70	64	67127	54.789	ug/l	99
7) Trichlorofluoromethane	1.89	101	162171	48.377	ug/l	98
8) Diethyl Ether	2.10	74	61976	54.495	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	92928	44.683	ug/l	98
10) Methyl Iodide	2.41	142	80420	46.148	ug/l	98
11) Tert butyl alcohol	2.82	59	138716	209.754	ug/l	98
12) 1,1-Dichloroethene	2.29	96	88583	46.707	ug/l	91
13) Acrolein	2.19	56	77264	222.483	ug/l	97
14) Allyl chloride	2.60	41	156248	44.371	ug/l	94
15) Acrylonitrile	2.94	53	324341	252.074	ug/l	98
16) Acetone	2.32	43	265716	181.871	ug/l	96
17) Carbon Disulfide	2.48	76	280655	46.215	ug/l	99
18) Methyl Acetate	2.62	43	147495	47.091	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	337718	47.371	ug/l	97
20) Methylene Chloride	2.71	84	105158	45.872	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	100998	48.351	ug/l	94
22) Diisopropyl ether	3.57	45	336895	48.261	ug/l	95
23) Vinyl Acetate	3.53	43	1495306	239.125	ug/l	98
24) 1,1-Dichloroethane	3.45	63	191714	47.740	ug/l	99
25) 2-Butanone	4.26	43	458568	233.669	ug/l	98
26) 2,2-Dichloropropane	4.23	77	151522	39.736	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	116609	48.557	ug/l	95
28) Bromochloromethane	4.55	49	93355	52.778	ug/l	86
29) Tetrahydrofuran	4.64	42	300649	247.388	ug/l	97
30) Chloroform	4.68	83	197408	48.567	ug/l	99
31) Cyclohexane	5.00	56	174188	48.797	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	172890	45.998	ug/l	96
36) 1,1-Dichloropropene	5.14	75	144494	45.712	ug/l	97
37) Ethyl Acetate	4.38	43	167046	48.486	ug/l	96
38) Carbon Tetrachloride	5.14	117	160866	46.279	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	175608	44.518	ug/l	96
40) Benzene	5.39	78	429974	47.737	ug/l	100
41) Methacrylonitrile	4.54	41	95472	51.397	ug/l	99
42) 1,2-Dichloroethane	5.41	62	155494	45.327	ug/l	98
43) Isopropyl Acetate	5.55	43	279524	46.937	ug/l	98
44) Trichloroethene	6.19	130	119314	46.545	ug/l	95
45) 1,2-Dichloropropane	6.44	63	116480	48.467	ug/l	100
46) Dibromomethane	6.56	93	82600	48.931	ug/l	95
47) Bromodichloromethane	6.76	83	159159	47.348	ug/l	99
48) Methyl methacrylate	6.63	41	138170	47.647	ug/l	98
49) 1,4-Dioxane	6.61	88	50034	882.273	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	921419	246.277	ug/l	99
52) Toluene	7.64	92	276549	47.723	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	177857	47.115	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	184856	45.956	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	112166	47.618	ug/l	99
56) Ethyl methacrylate	8.02	69	193028	48.960	ug/l	98
57) 1,3-Dichloropropane	8.25	76	189127	47.596	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.14	63	1250m	0.828	ug/l	
59) 2-Hexanone	8.36	43	724988	237.351	ug/l	99
60) Dibromochloromethane	8.48	129	136935	46.619	ug/l	99
61) 1,2-Dibromoethane	8.59	107	125679	47.937	ug/l	98
64) Tetrachloroethene	8.23	164	99025	40.440	ug/l	98
65) Chlorobenzene	9.12	112	314898	47.849	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	116701	46.675	ug/l	98
67) Ethyl Benzene	9.25	91	542845	47.052	ug/l	98
68) m/p-Xylenes	9.38	106	415336	93.751	ug/l	98
69) o-Xylene	9.78	106	203223	46.351	ug/l	97
70) Styrene	9.80	104	343866	47.725	ug/l	99
71) Bromoform	9.96	173	113346	47.695	ug/l #	98
73) Isopropylbenzene	10.17	105	545446	45.646	ug/l	98
74) N-amyl acetate	10.01	43	262281	46.146	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	194559	48.588	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	170644m	49.799	ug/l	
77) Bromobenzene	10.45	156	142146	46.988	ug/l	96
78) n-propylbenzene	10.59	91	649660	46.153	ug/l	98
79) 2-Chlorotoluene	10.66	91	383266	46.171	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	468737	45.258	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	63892m	43.154	ug/l	
82) 4-Chlorotoluene	10.78	91	447511	46.319	ug/l	99
83) tert-Butylbenzene	11.10	119	465296	46.704	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	480456	45.520	ug/l	99
85) sec-Butylbenzene	11.33	105	572864	45.937	ug/l	97
86) p-Isopropyltoluene	11.48	119	503435	45.075	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	259784	46.481	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	261959	46.568	ug/l	100
89) n-Butylbenzene	11.89	91	463879	46.781	ug/l	97
90) Hexachloroethane	12.15	117	95553	43.856	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	259811	46.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51011	46.168	ug/l	91

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	183084	52.961	ug/l	99
94) Hexachlorobutadiene	13.70	225	85092	43.732	ug/l	100
95) Naphthalene	13.74	128	587000	51.275	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	185898	53.968	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion:168 Resp: 166563

Ion Ratio Lower Upper

168 100

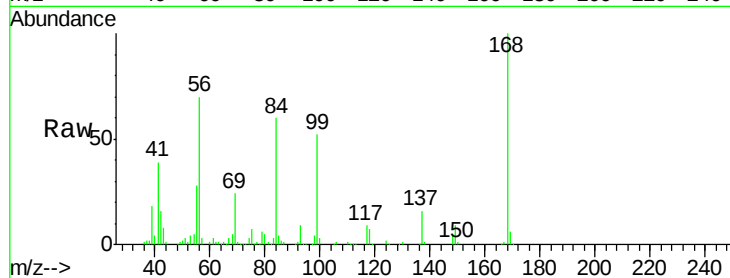
99 51.3 43.2 64.8

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Abundance Ion 167.90 (167.60 to 168.60): VU024554.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024554.D (-1275) (-)

80000

60000

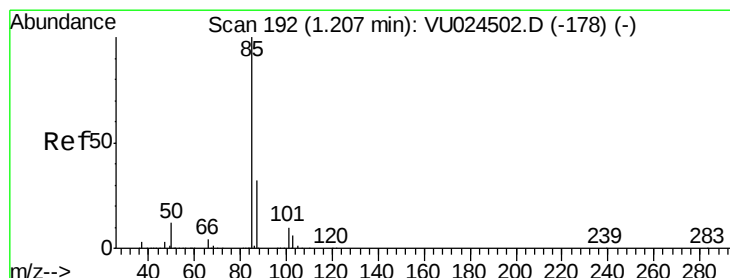
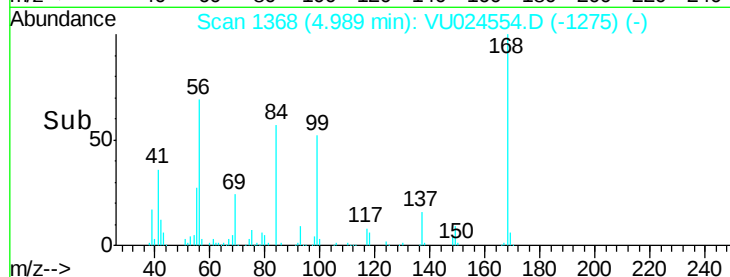
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 43.550 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024554.D

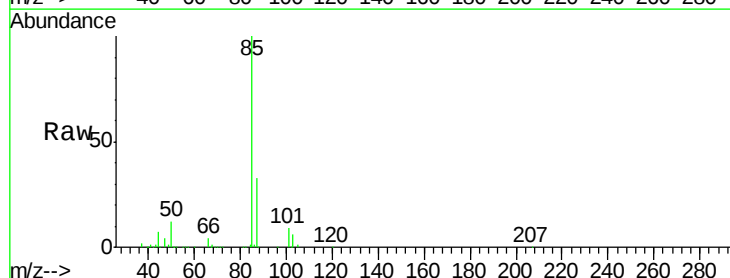
Acq: 14 Jun 2018 20:45

Tgt Ion: 85 Resp: 90794

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024554.D (-99) (-)

Ion 86.90 (86.60 to 87.60): VU024554.D (-99) (-)

100000

80000

60000

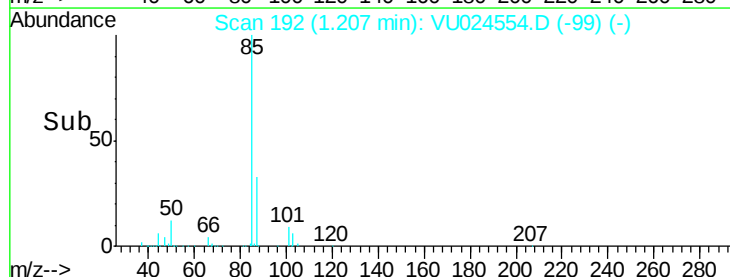
40000

20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.135 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion: 50 Resp: 100396

Ion Ratio Lower Upper

50 100

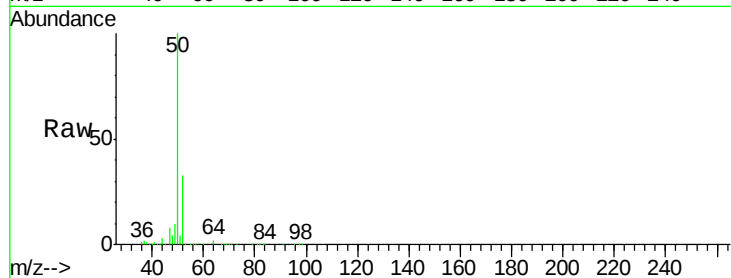
52 33.2 26.4 39.6

Manual Integrations

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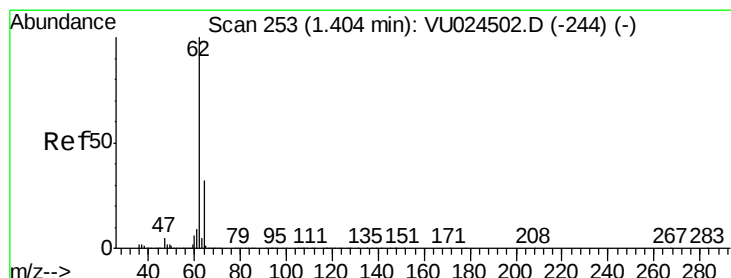
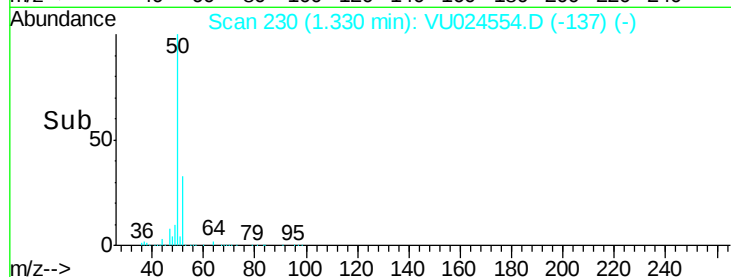
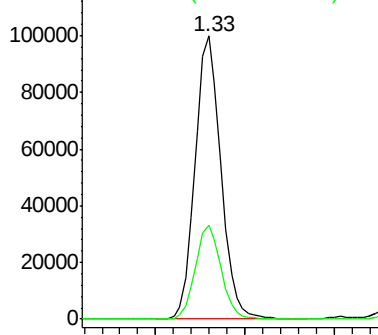
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 50.044 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024554.D

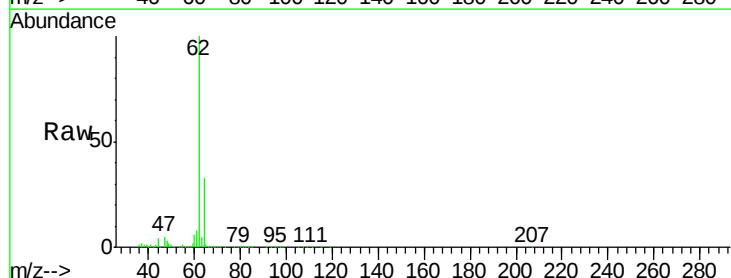
Acq: 14 Jun 2018 20:45

Tgt Ion: 62 Resp: 109928

Ion Ratio Lower Upper

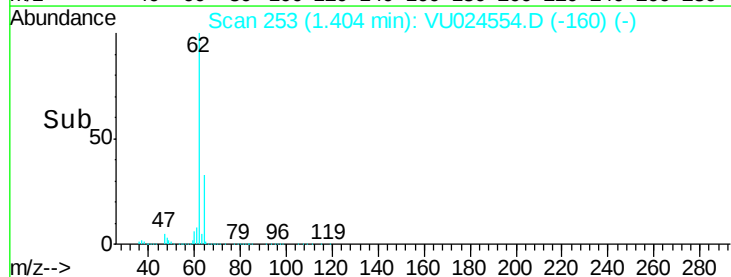
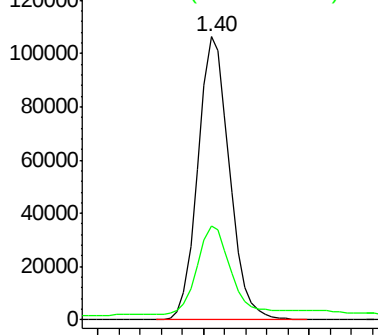
62 100

64 31.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 57.898 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

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ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion: 94 Resp: 61481

Ion Ratio Lower Upper

94 100

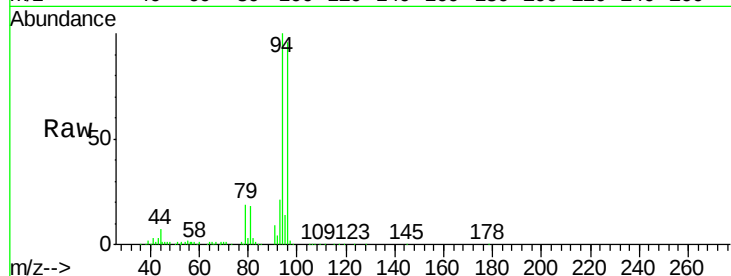
96 95.3 74.5 111.7

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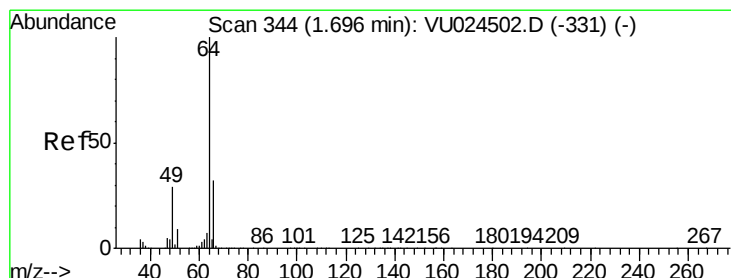
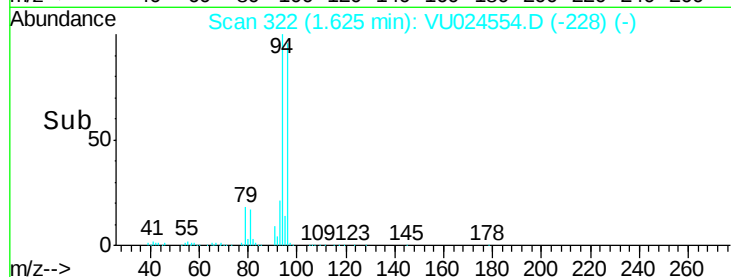
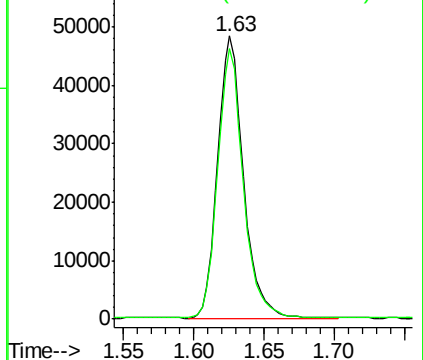
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 54.789 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024554.D

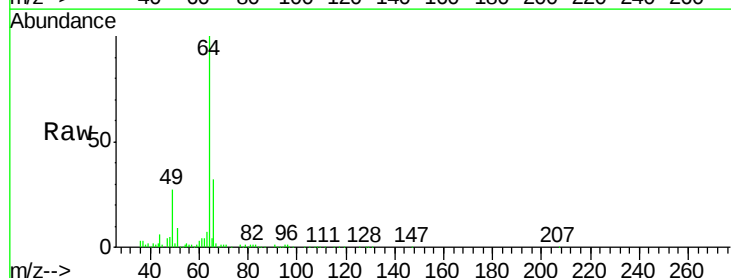
Acq: 14 Jun 2018 20:45

Tgt Ion: 64 Resp: 67127

Ion Ratio Lower Upper

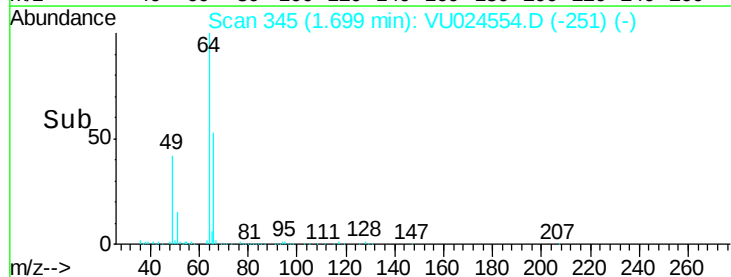
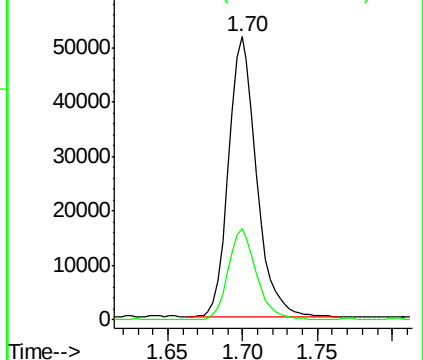
64 100

66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

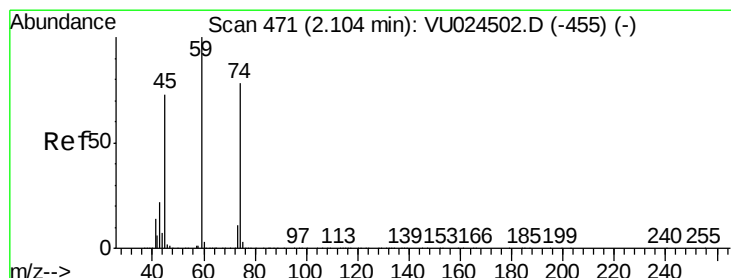
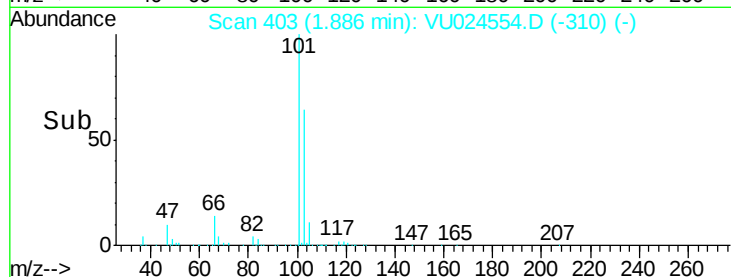
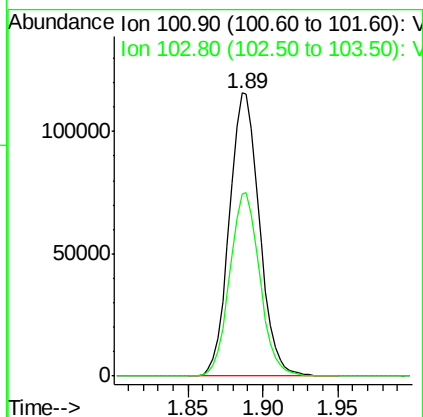
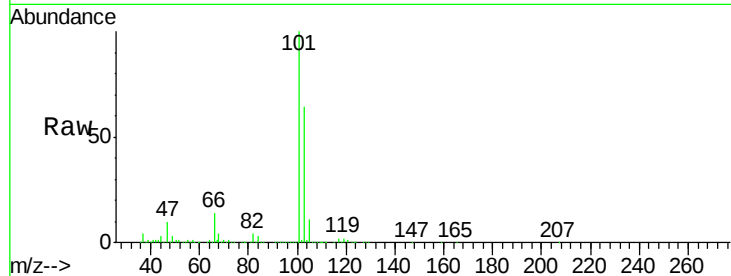
Trichlorofluoromethane
Concen: 48.377 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024554.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.3	78.5

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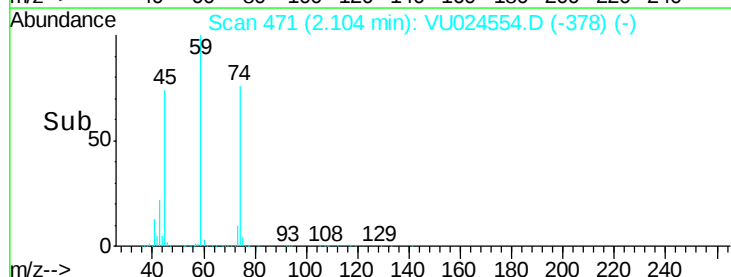
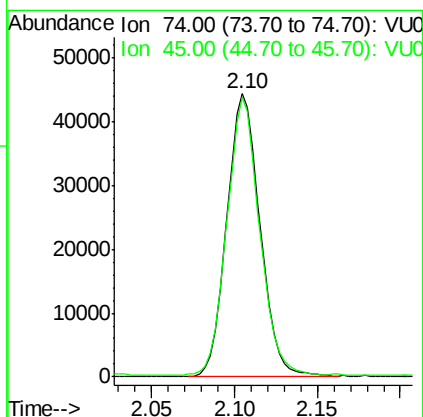
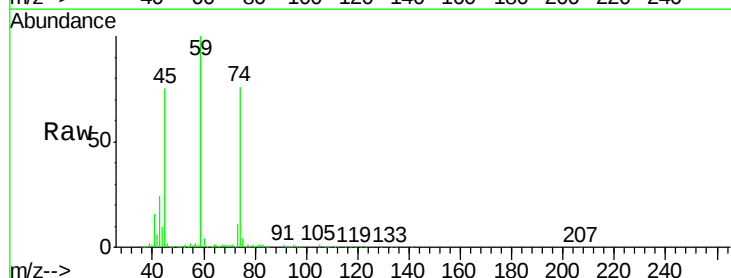
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#8

Diethyl Ether
Concen: 54.495 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.683 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

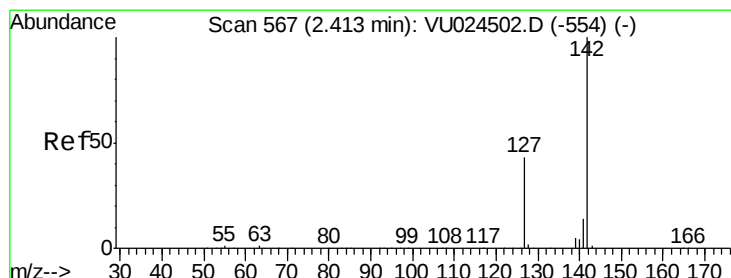
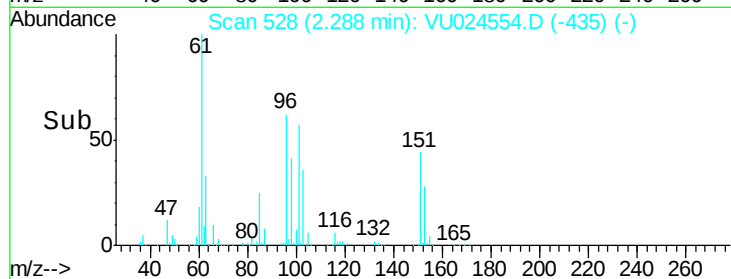
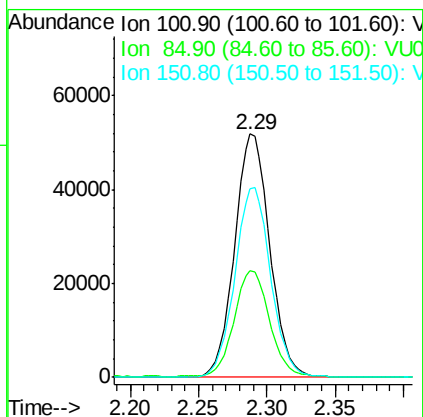
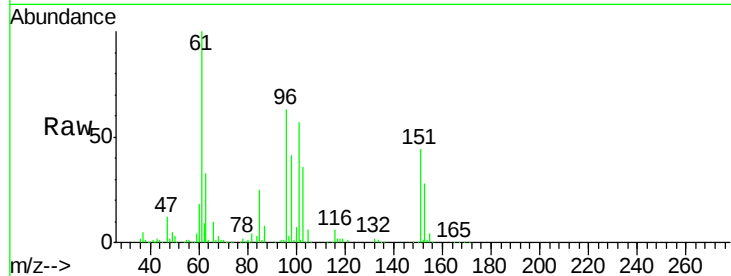
ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion:	101	Resp:	92928
Ion Ratio	Lower	Upper	
101	100		
85	43.5	36.0	54.0
151	79.3	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 46.148 ug/l

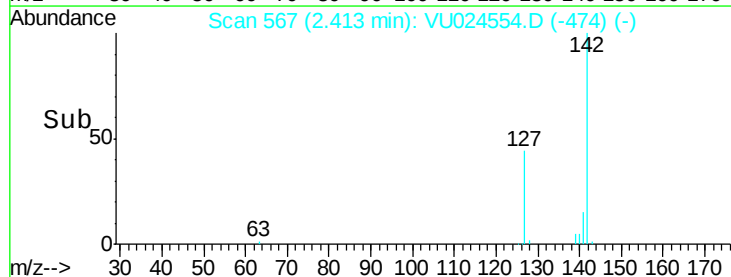
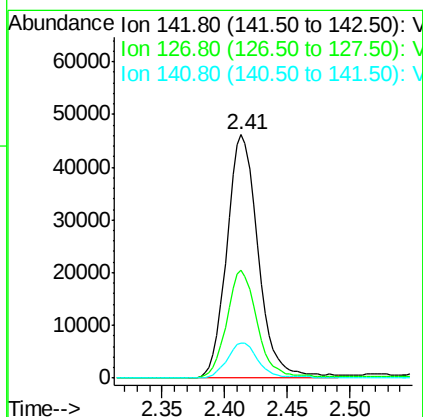
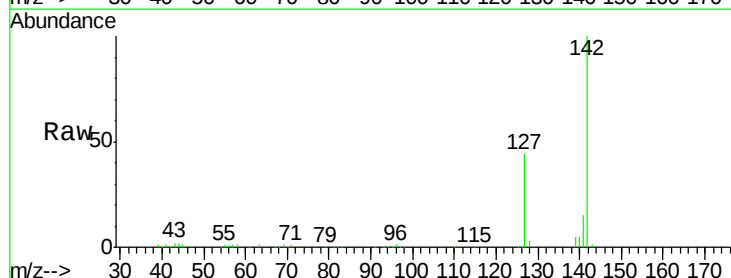
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tgt Ion:	142	Resp:	80420
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.6	53.4
141	14.6	11.7	17.5





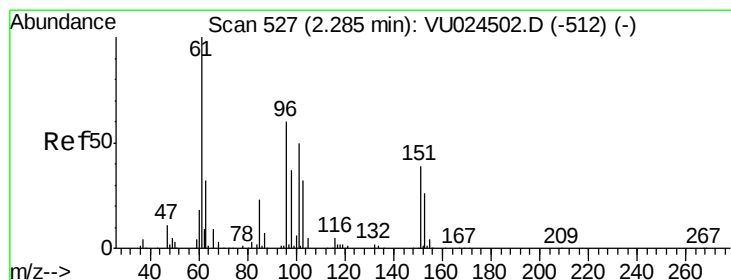
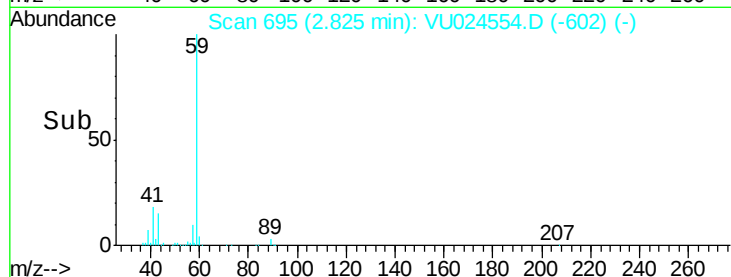
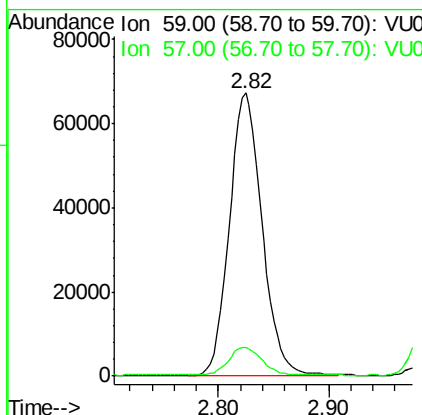
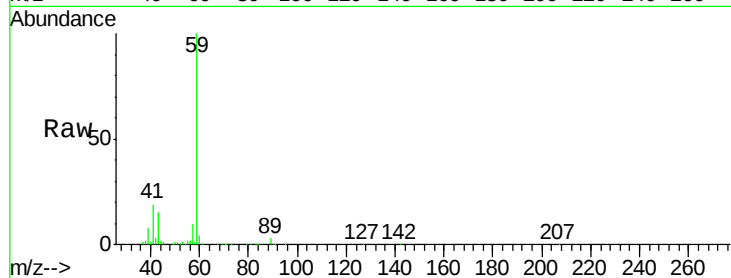
#11
Tert butyl alcohol
Concen: 209.754 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.5	12.7

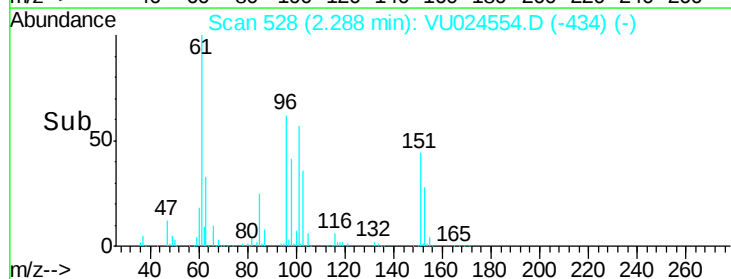
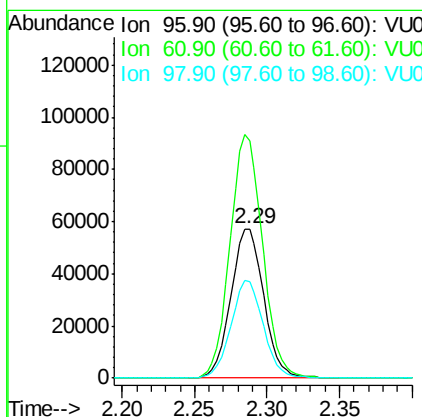
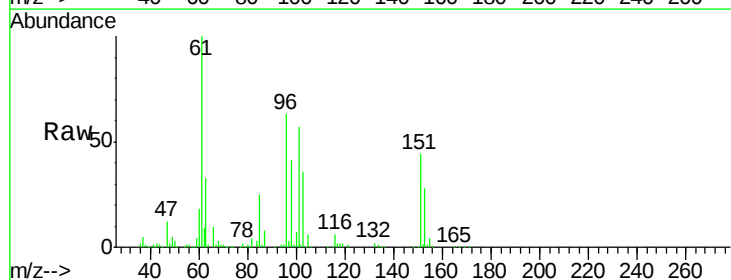
Manual Integrations
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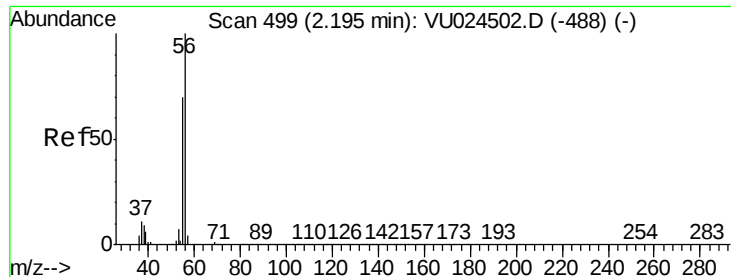
apatel
6/15/2018 3:29:38 PM



#12
1,1-Dichloroethene
Concen: 46.707 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.9	141.7	212.5
98	65.0	51.6	77.4





#13

Acrolein

Concen: 222.483 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion: 56 Resp: 77264

Ion Ratio Lower Upper

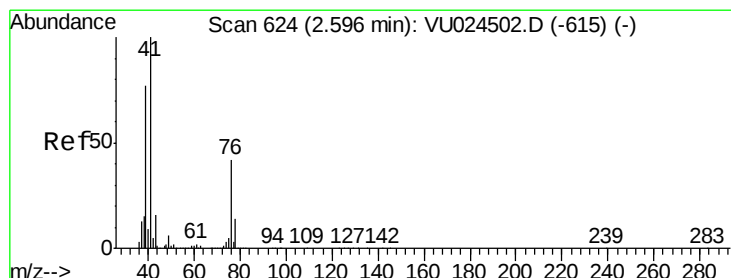
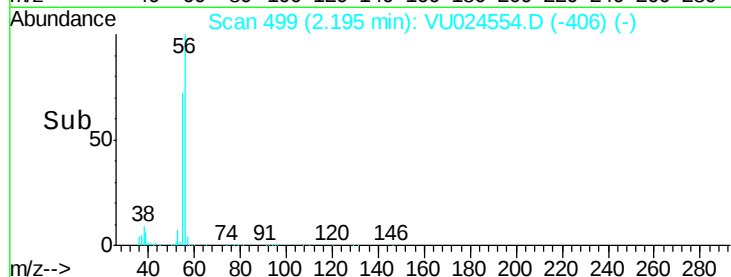
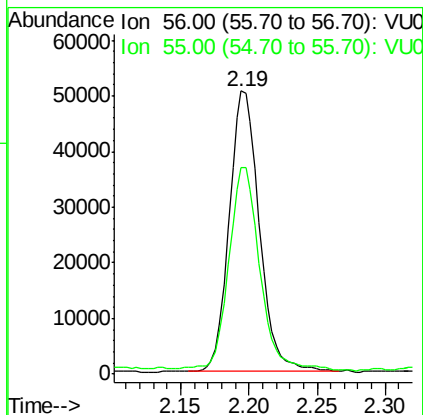
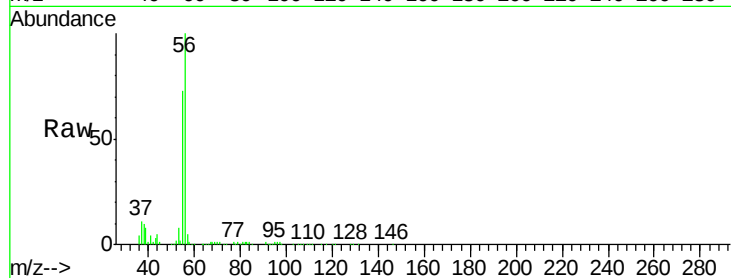
56 100

55 75.7 58.4 87.6

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#14

Allyl chloride

Concen: 44.371 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

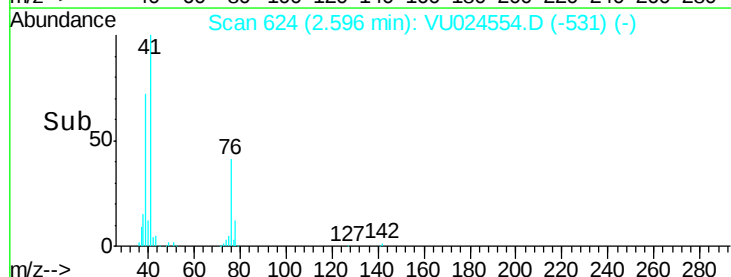
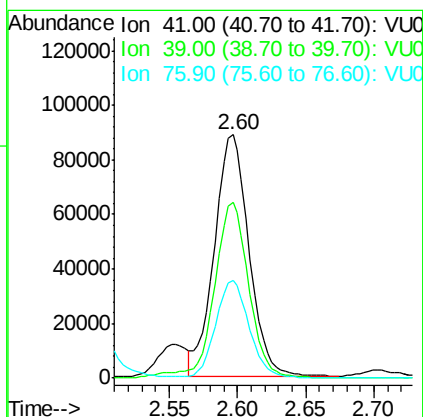
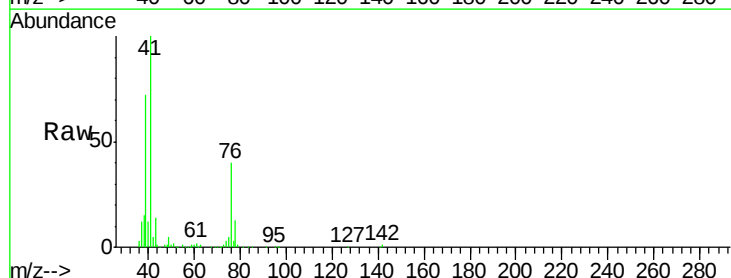
Tgt Ion: 41 Resp: 156248

Ion Ratio Lower Upper

41 100

39 71.3 61.6 92.4

76 39.2 29.7 44.5





#15

Acrylonitrile

Concen: 252.074 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

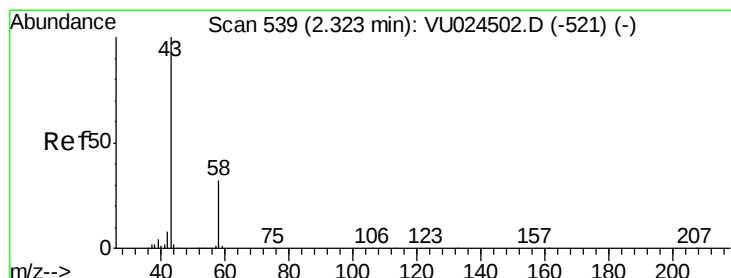
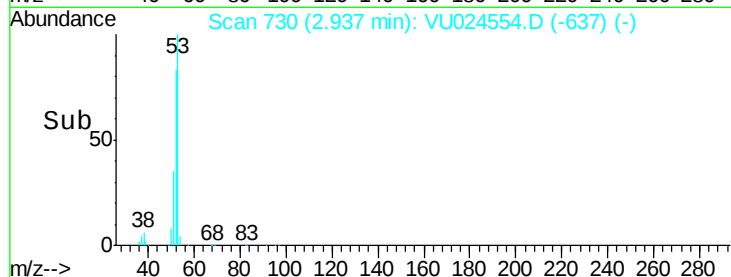
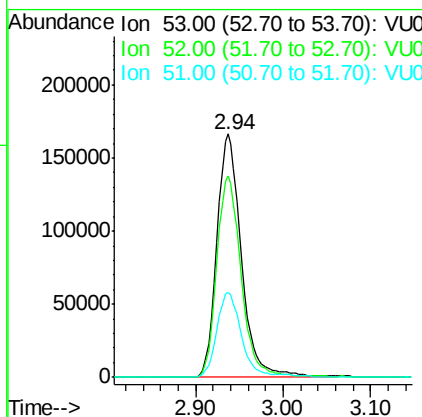
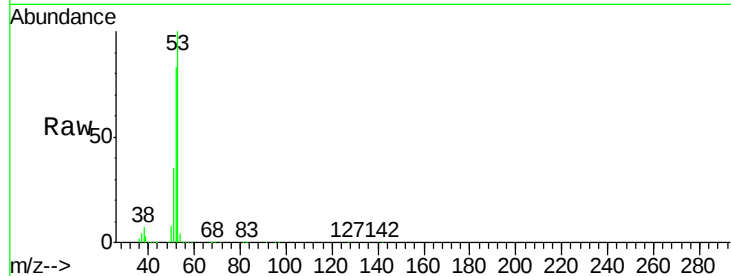
ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion:	53	Resp:	324341
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.1	100.7
51	34.7	28.4	42.6

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#16

Acetone

Concen: 181.871 ug/l

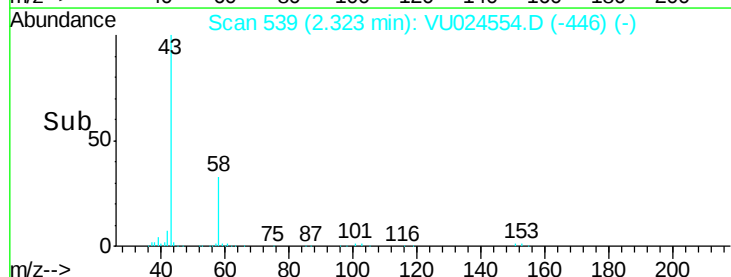
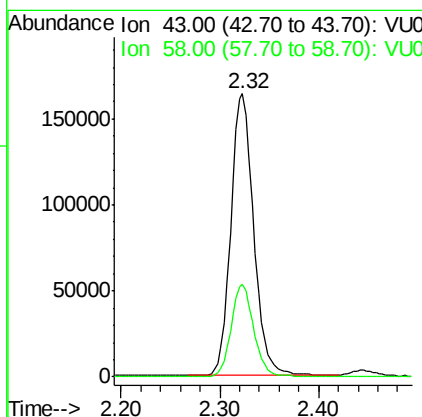
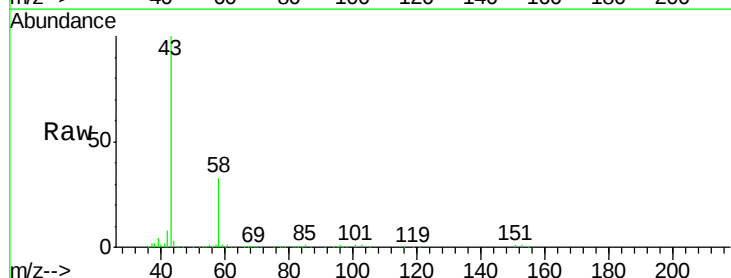
RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tgt Ion:	43	Resp:	265716
Ion	Ratio	Lower	Upper
43	100		
58	32.9	24.4	36.6





#17

Carbon Disulfide

Concen: 46.215 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion: 76 Resp: 280655

Ion Ratio Lower Upper

76 100

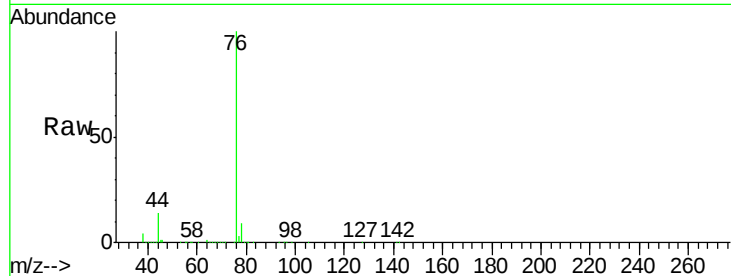
78 9.4 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

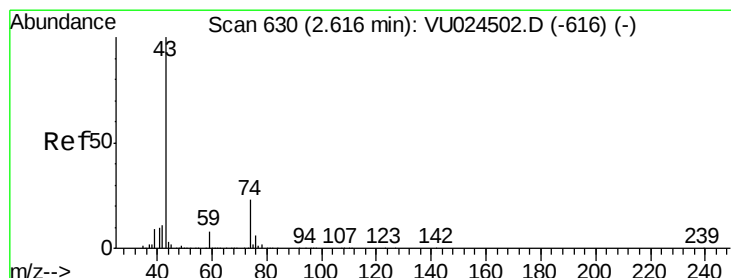
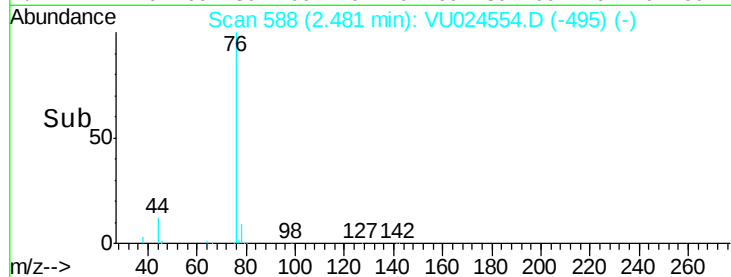
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.091 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU024554.D

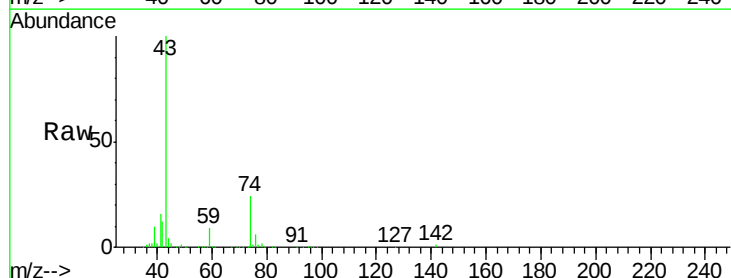
Acq: 14 Jun 2018 20:45

Tgt Ion: 43 Resp: 147495

Ion Ratio Lower Upper

43 100

74 23.6 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

100000

80000

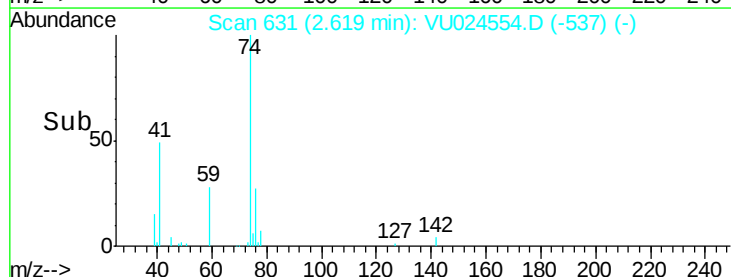
60000

40000

20000

0

Time-->





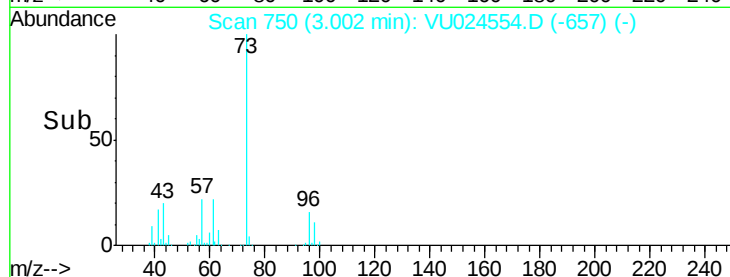
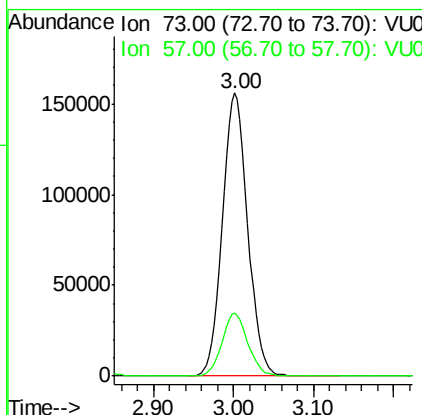
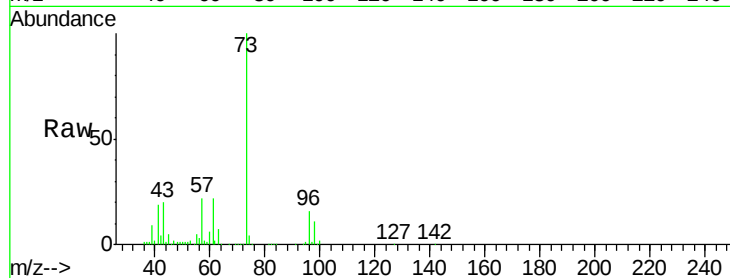
#19
Methyl tert-butyl Ether
Concen: 47.371 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.8	28.2

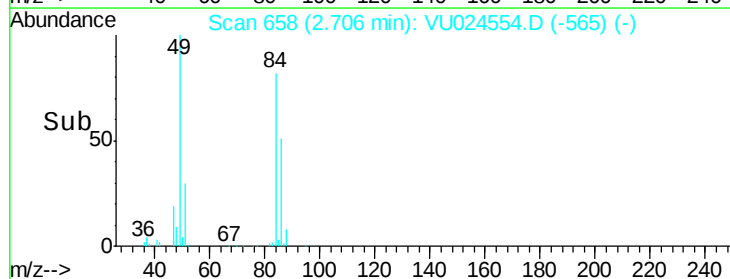
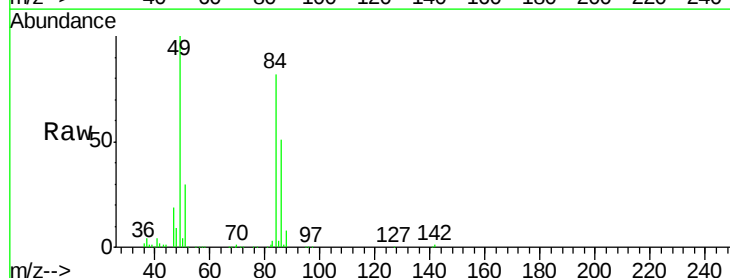
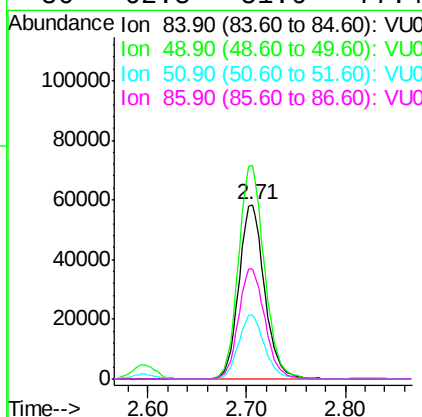
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#20
Methylene Chloride
Concen: 45.872 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	103.8	155.8
51	36.7	32.0	48.0
86	62.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 48.351 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

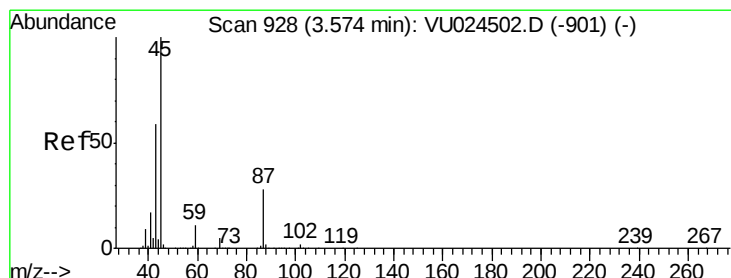
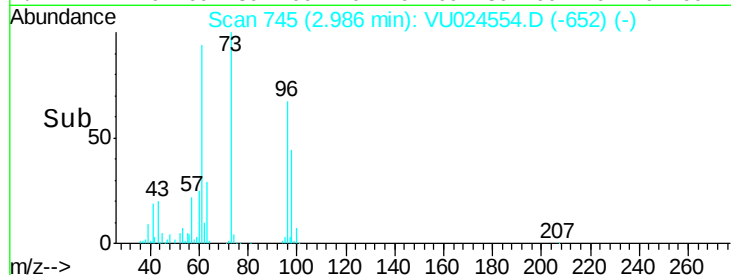
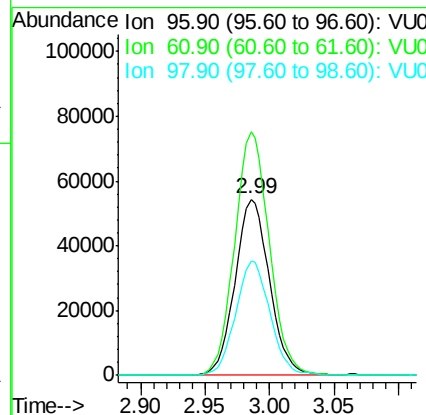
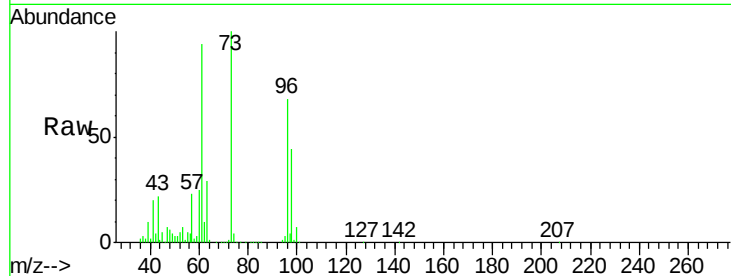
ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion:	96	Resp:	100998
Ion Ratio	Lower	Upper	
96	100		
61	138.3	119.4	179.0
98	64.5	51.1	76.7

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#22

Diisopropyl ether

Concen: 48.261 ug/l

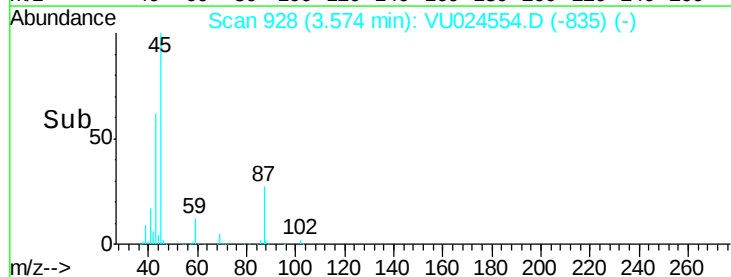
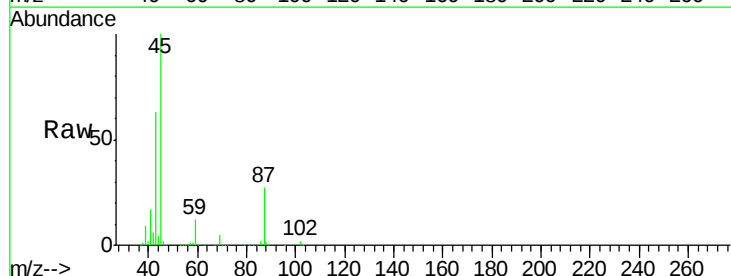
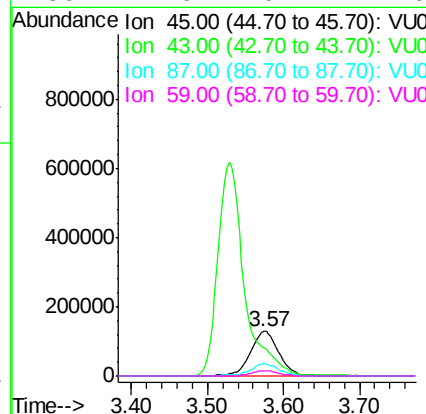
RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tgt Ion:	45	Resp:	336895
Ion Ratio	Lower	Upper	
45	100		
43	62.2	45.8	68.6
87	27.3	20.6	31.0
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 239.125 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tot Ion: 43 Resp: 1495306

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8

Instrument :

MSVOA_U

ClientSampleId :

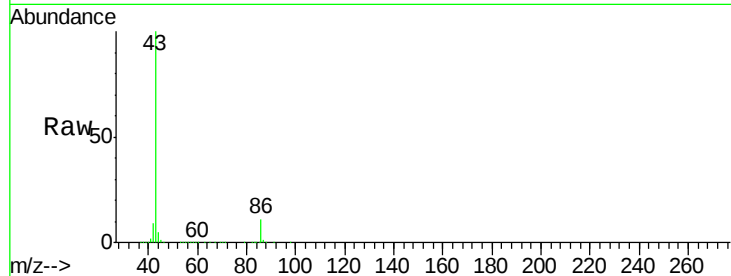
T3-MW-5-9.0-061118MSD

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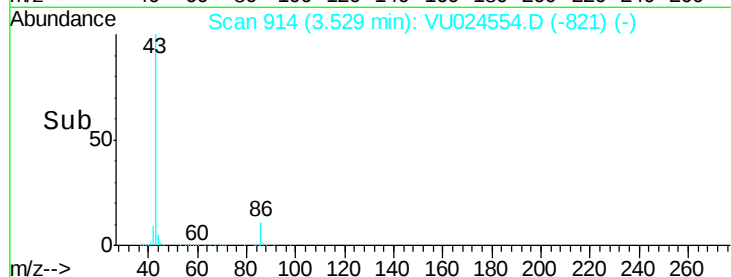
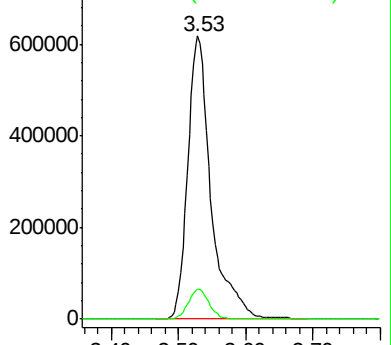
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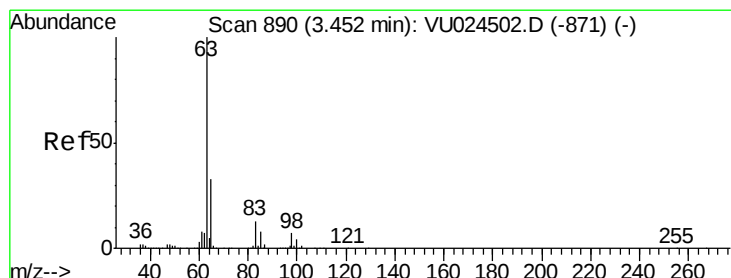


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 47.740 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

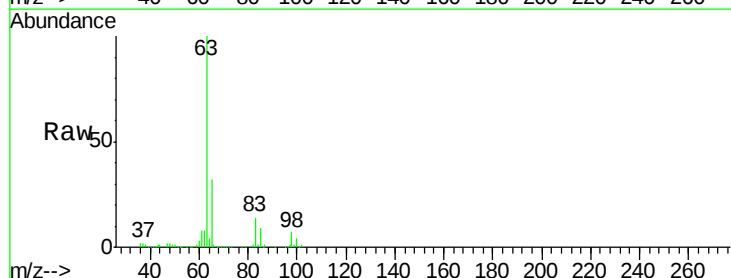
Tgt Ion: 63 Resp: 191714

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

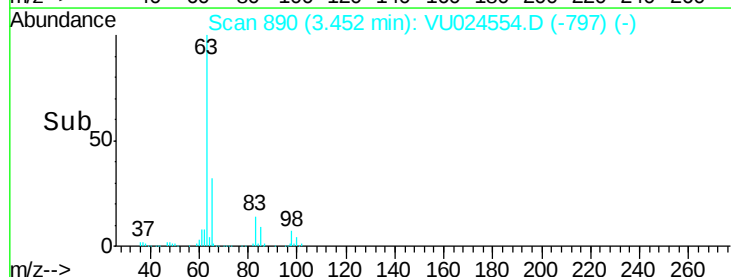
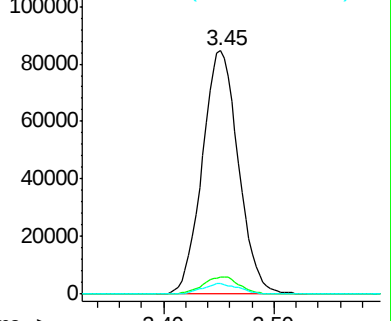
100 4.2 1.8 5.5



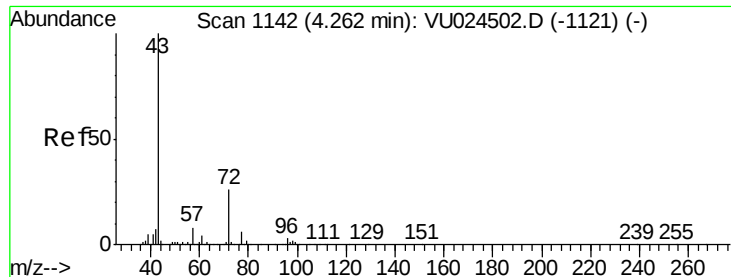
Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->



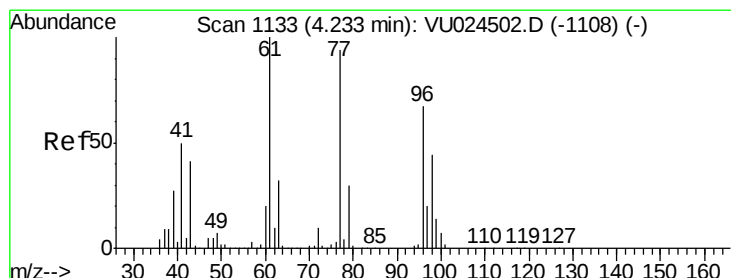
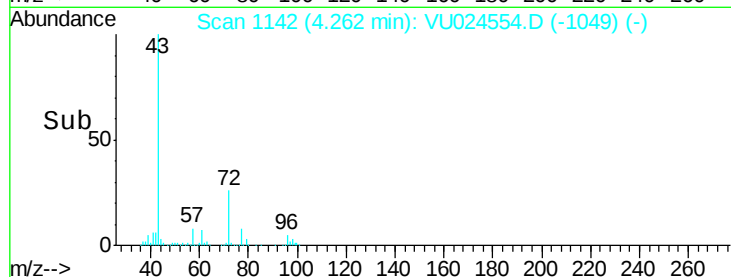
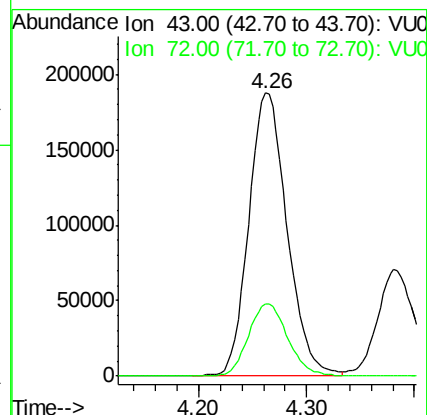
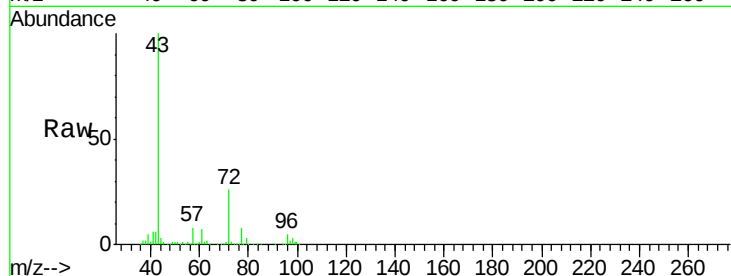
#25
2-Butanone
Concen: 233.669 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion: 43 Resp: 458568
Ion Ratio Lower Upper
43 100
72 25.6 19.6 29.4

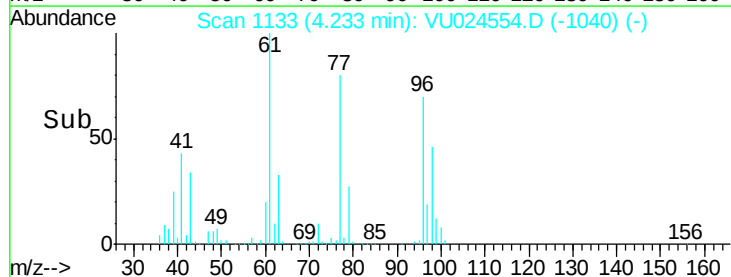
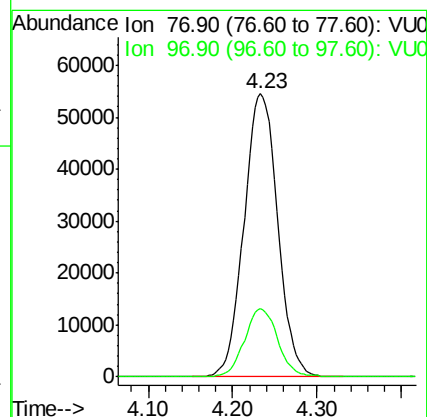
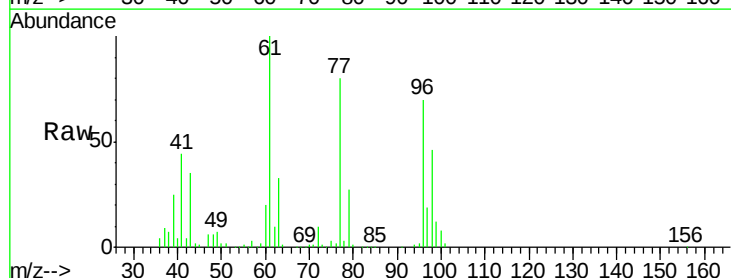
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#26
2,2-Dichloropropane
Concen: 39.736 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 77 Resp: 151522
Ion Ratio Lower Upper
77 100
97 24.0 11.3 33.8





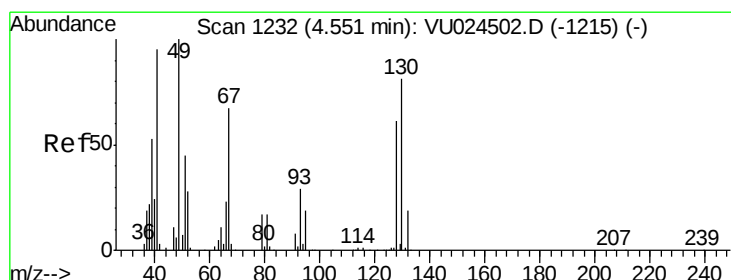
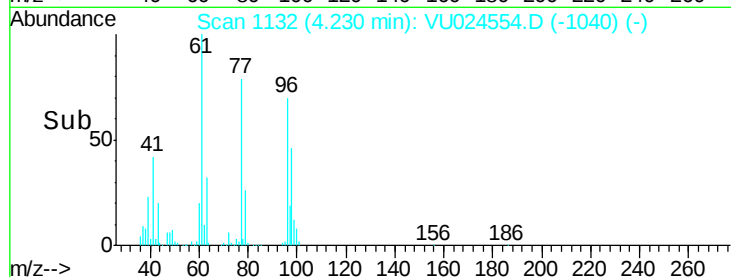
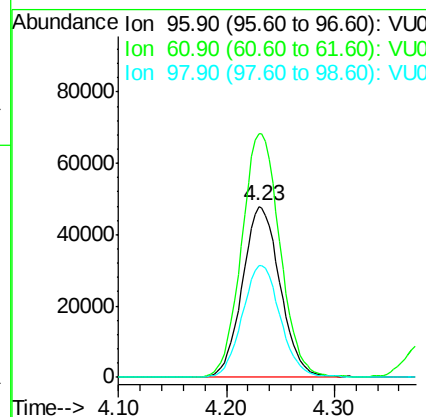
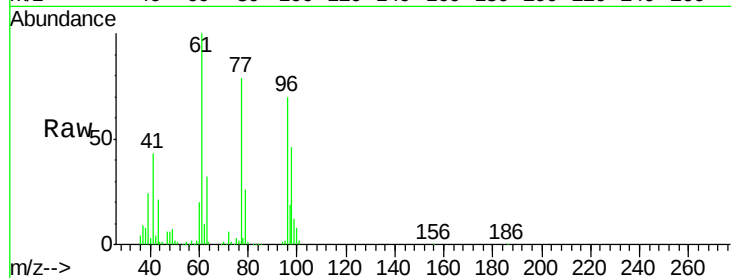
#27
 cis-1,2-Dichloroethene
 Concen: 48.557 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	306.6
98	66.2	0.0	128.8

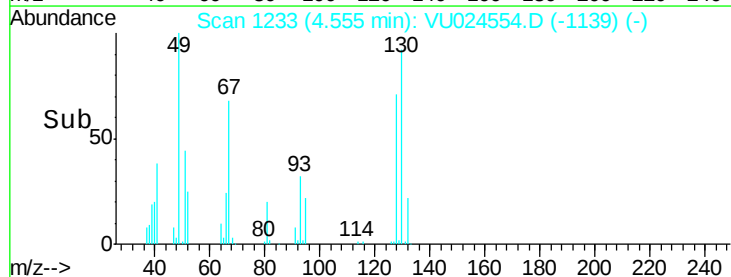
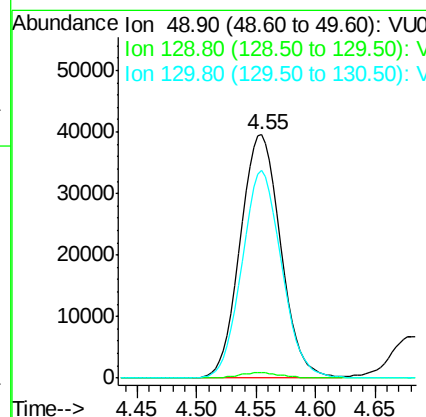
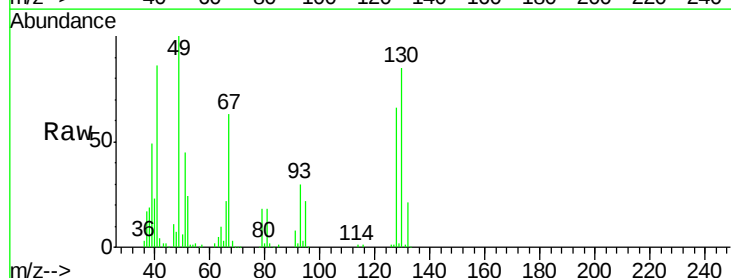
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#28
 Bromochloromethane
 Concen: 52.778 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	83.8	57.8	86.6





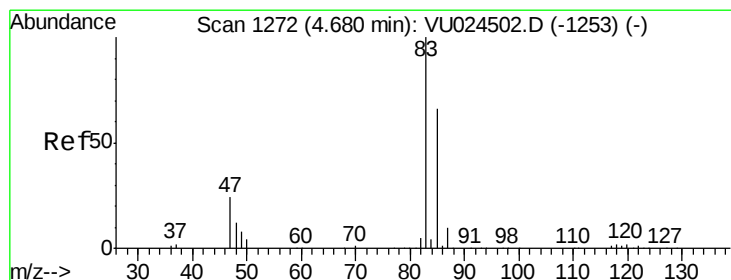
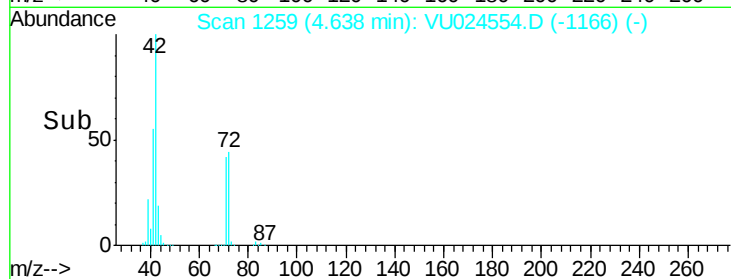
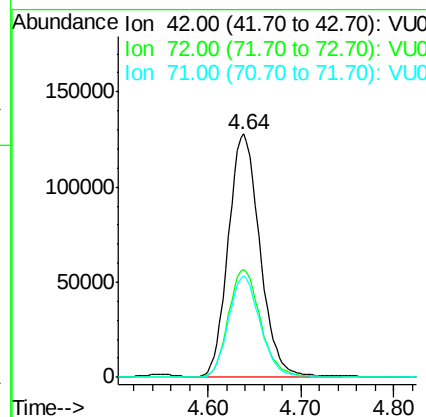
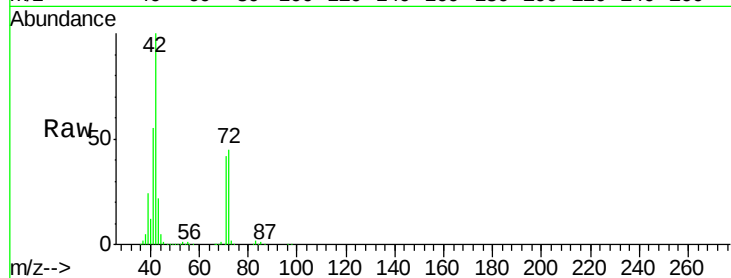
#29
Tetrahydrofuran
Concen: 247.388 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	34.5	51.7
71	41.8	32.2	48.4

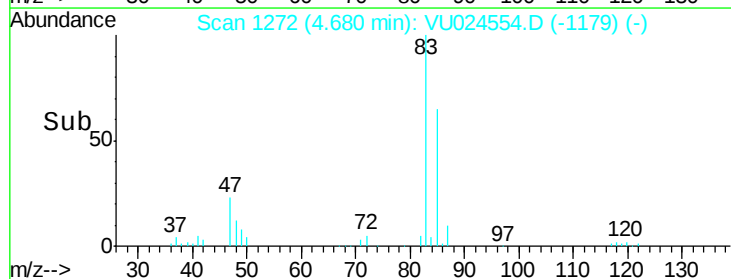
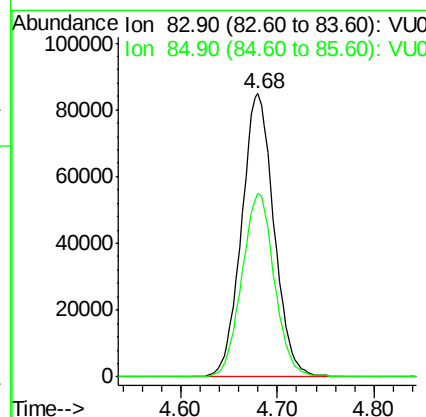
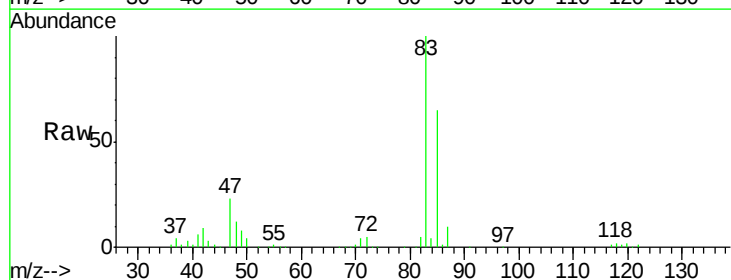
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#30
Chloroform
Concen: 48.567 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.4	78.6





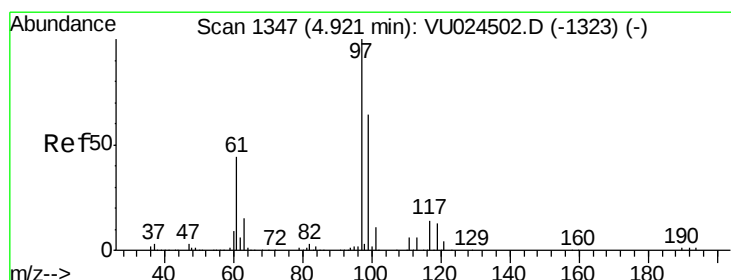
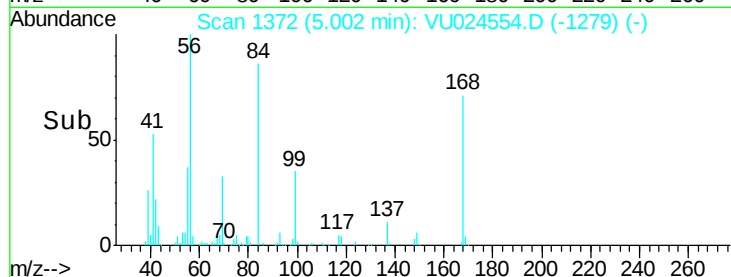
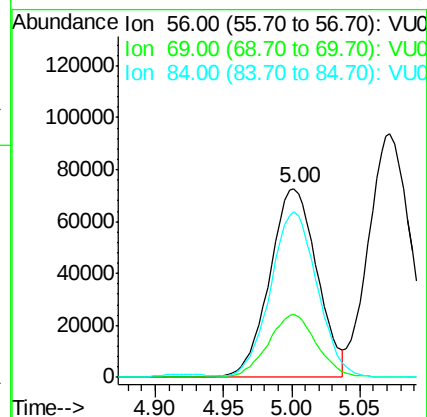
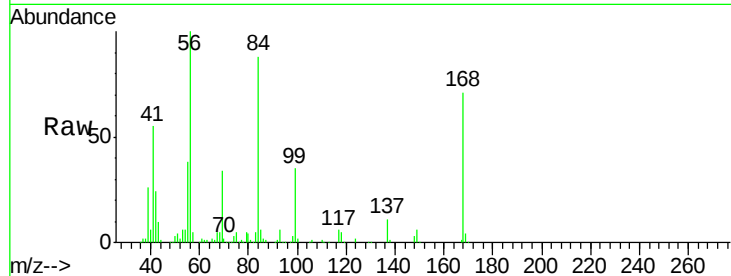
#31
Cyclohexane
Concen: 48.797 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	24.8	37.2
84	86.2	65.2	97.8

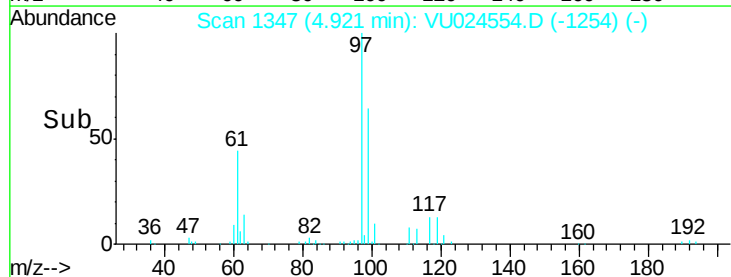
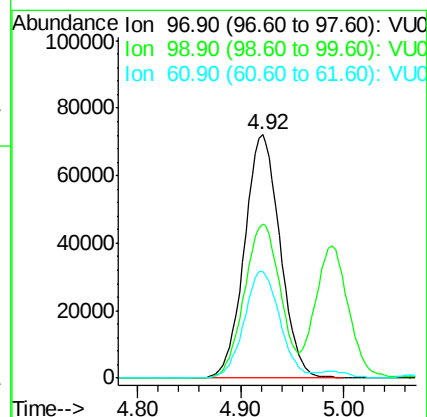
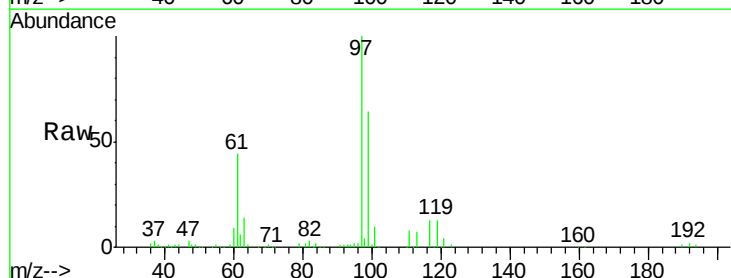
Manual Integrations
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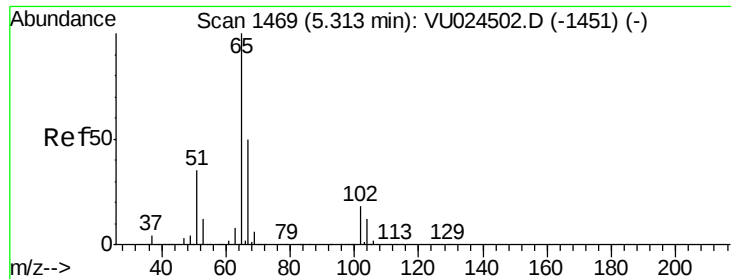
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#32
1,1,1-Trichloroethane
Concen: 45.998 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.6
61	44.2	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 47.446 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion: 65 Resp: 129015

Ion Ratio Lower Upper

65 100

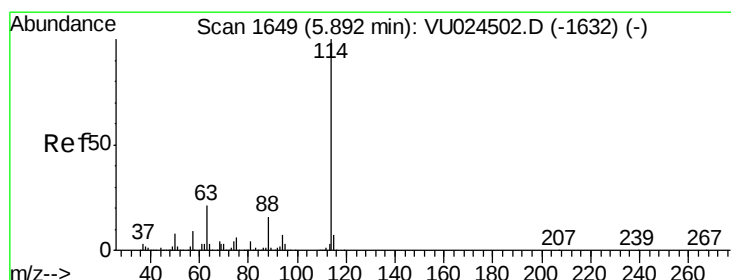
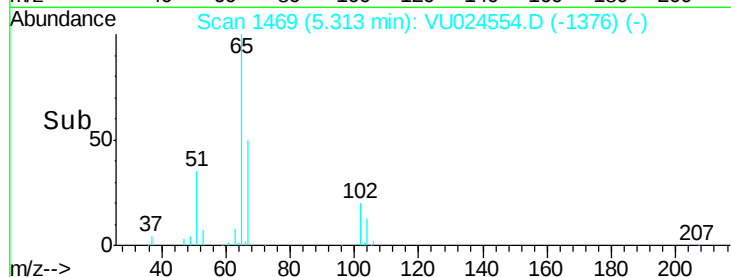
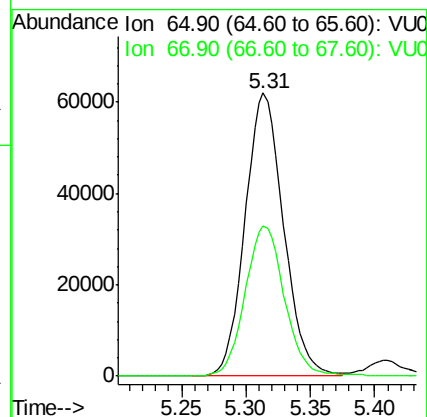
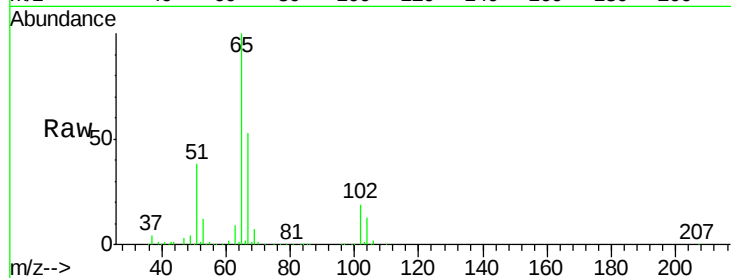
67 54.4 0.0 107.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

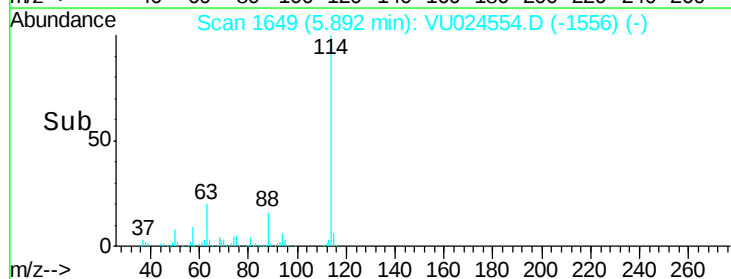
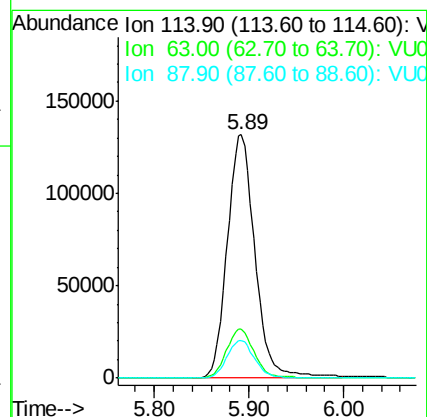
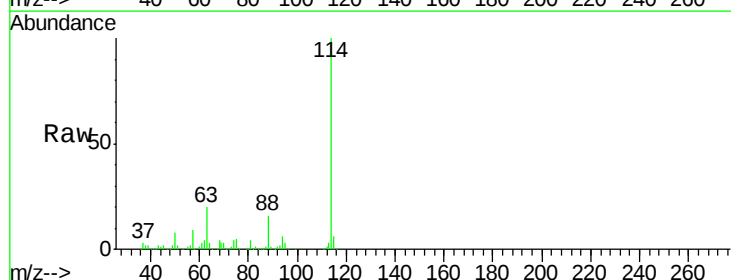
Tgt Ion: 114 Resp: 269002

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.4

88 15.6 0.0 31.0





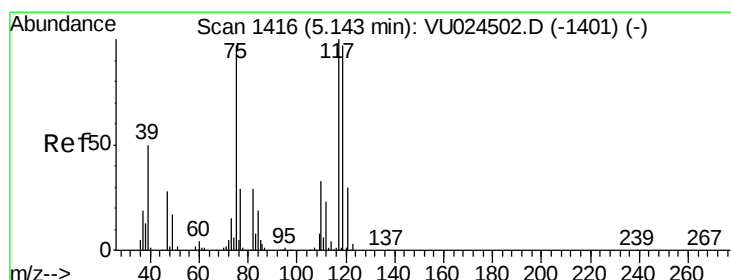
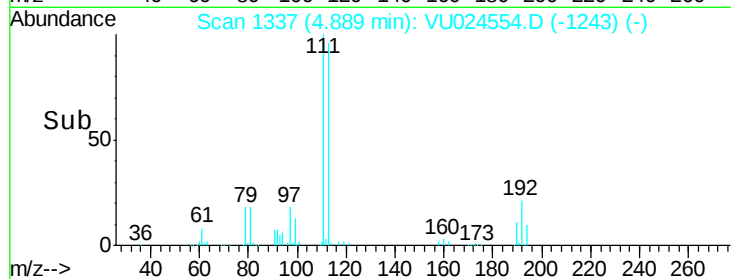
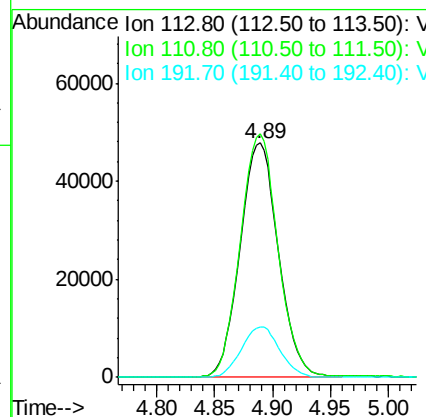
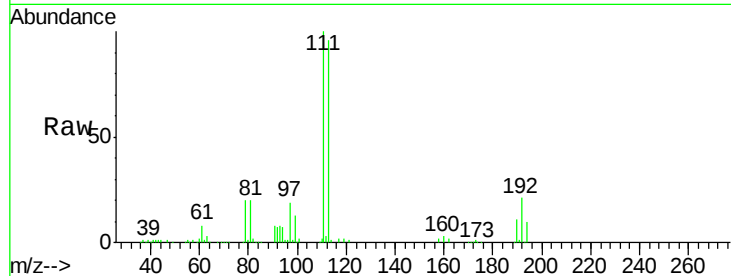
#35
 Dibromofluoromethane
 Concen: 49.296 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110053		
111	102.1	82.2	123.4	
192	21.6	16.2	24.4	

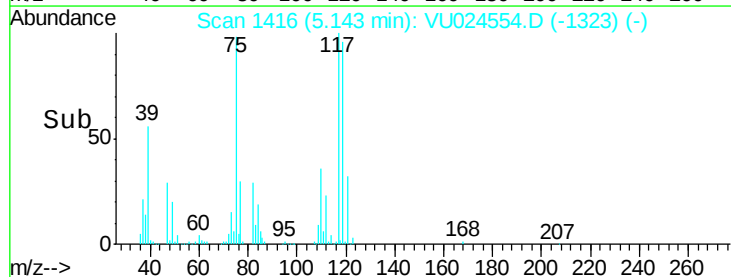
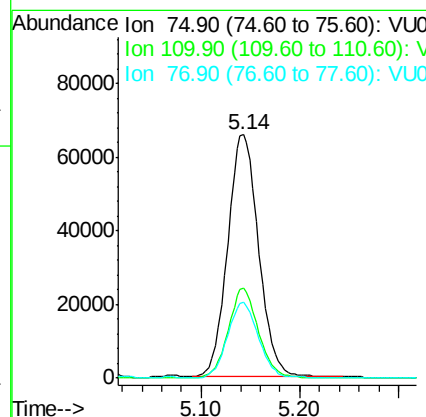
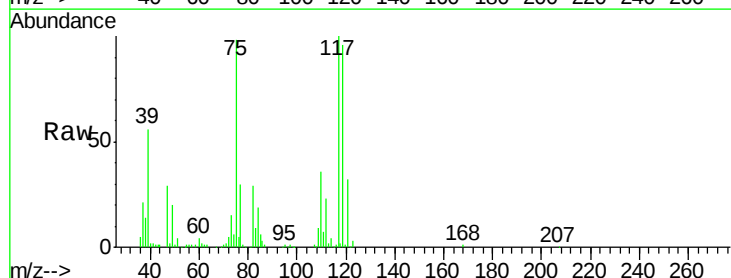
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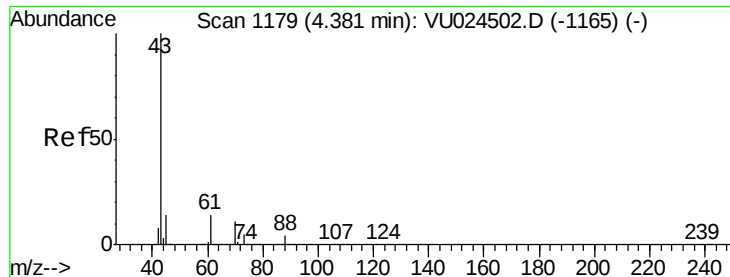
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#36
 1,1-Dichloropropene
 Concen: 45.712 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	144494		
110	36.4	17.0	50.9	
77	30.9	24.2	36.4	





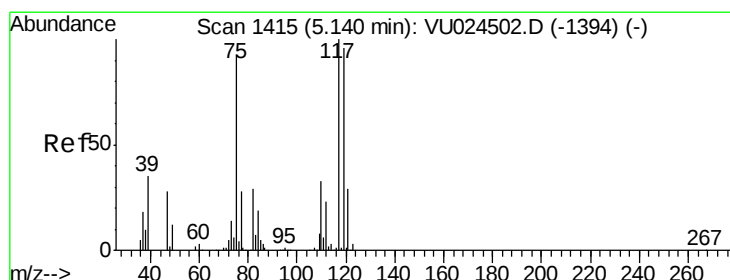
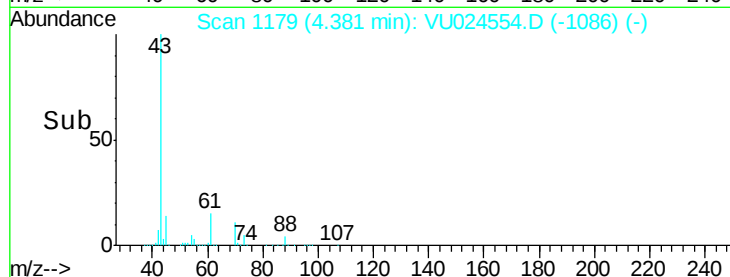
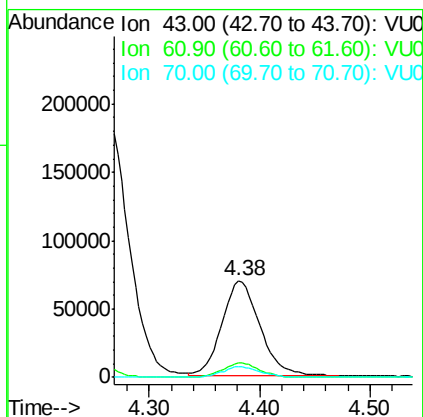
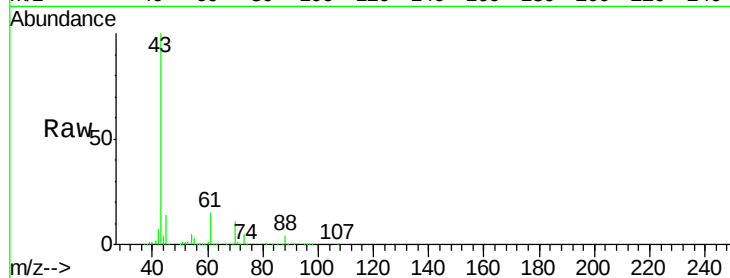
#37
Ethyl Acetate
Concen: 48.486 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.5	15.7
70	11.2	7.4	11.2

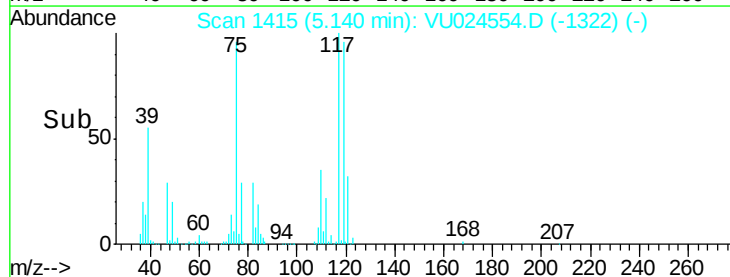
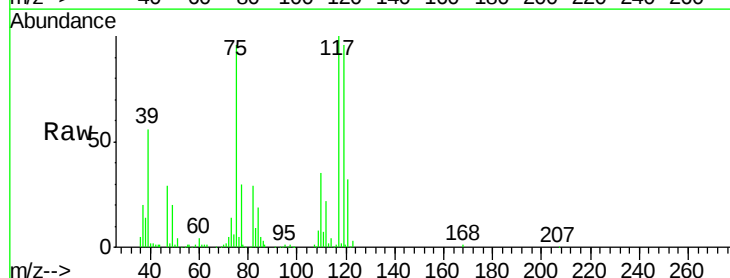
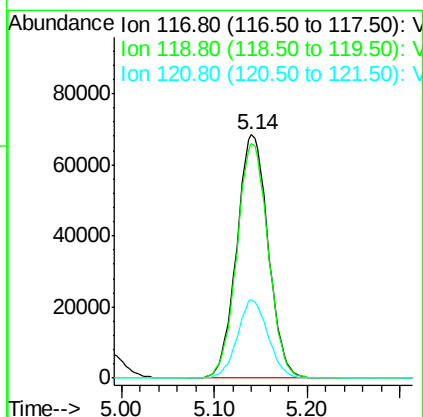
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#38
Carbon Tetrachloride
Concen: 46.279 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.1	114.1
121	32.2	23.7	35.5





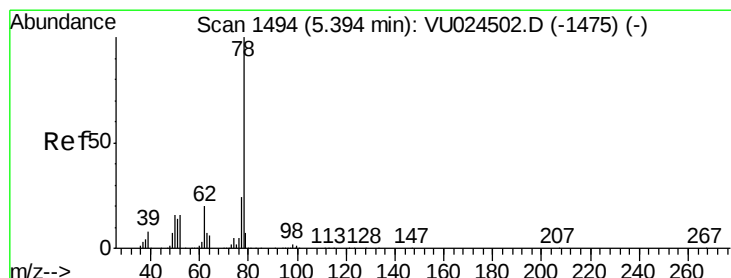
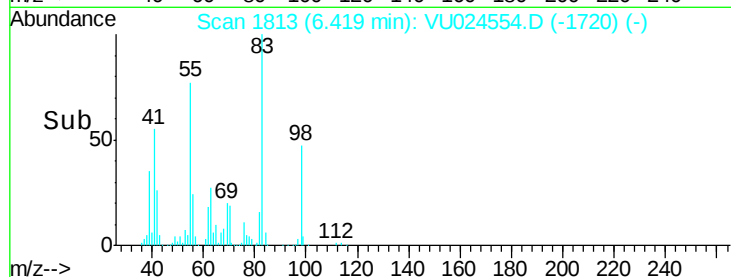
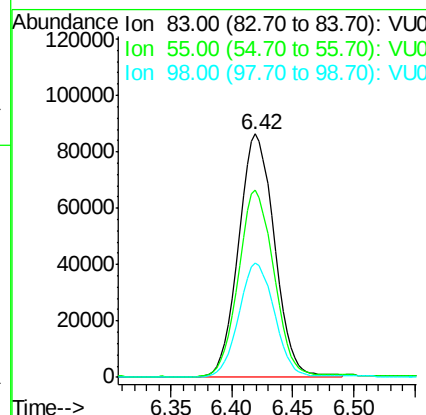
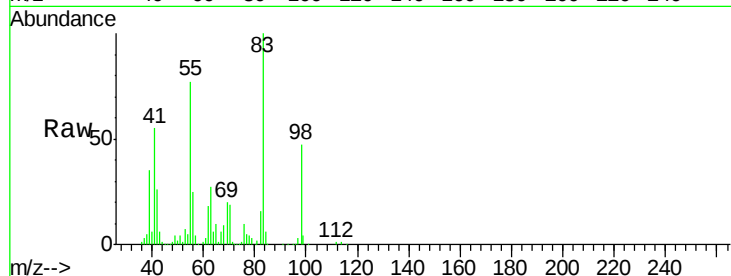
#39
Methvlcvclohexane
Concen: 44.518 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	65.8	98.6
98	46.9	36.7	55.1

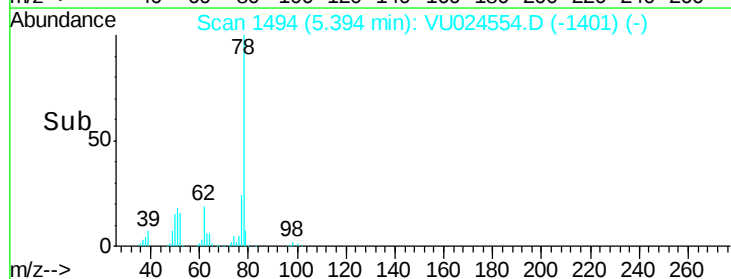
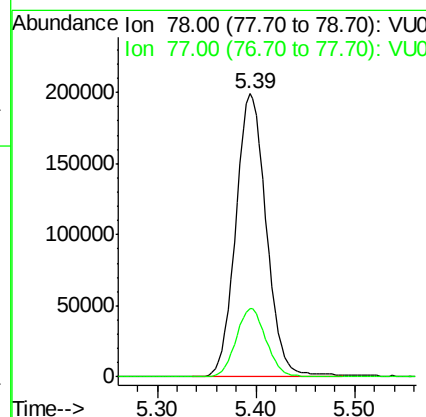
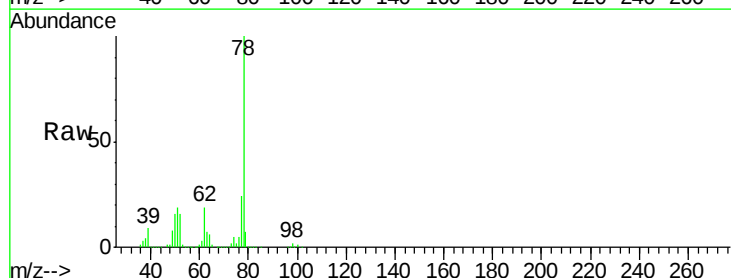
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#40
Benzene
Concen: 47.737 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





#41

Methacrylonitrile

Concen: 51.397 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU024554.D

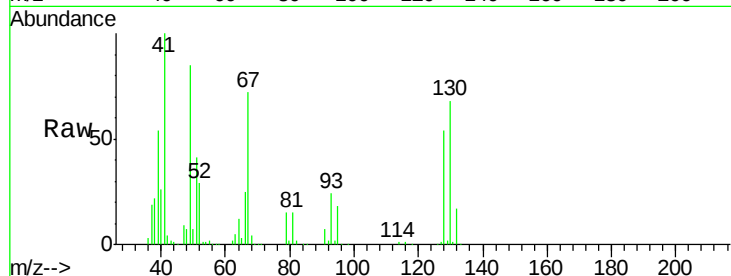
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

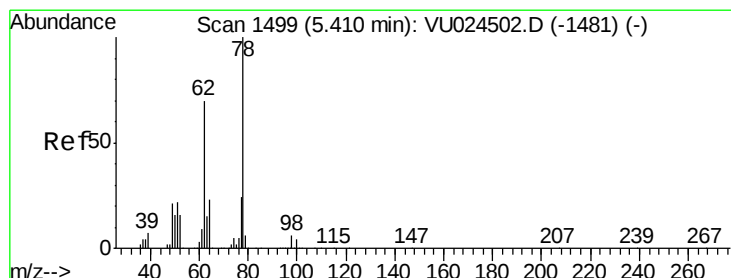
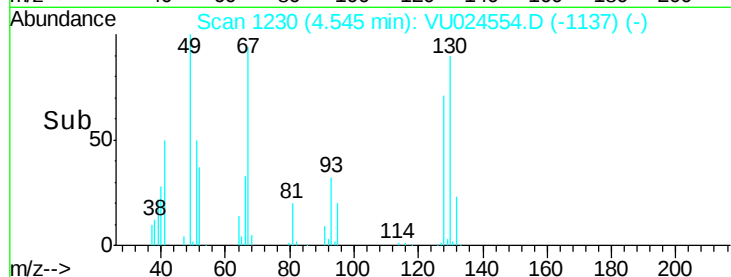
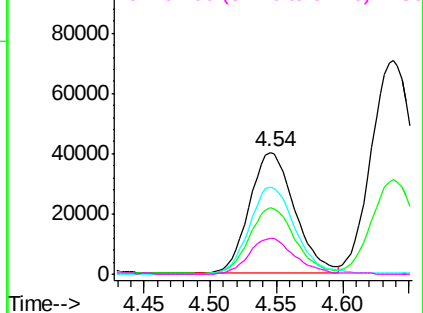
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	43.8	65.6	
67	72.3	56.3	84.5	
52	29.8	23.2	34.8	

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Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 45.327 ug/l

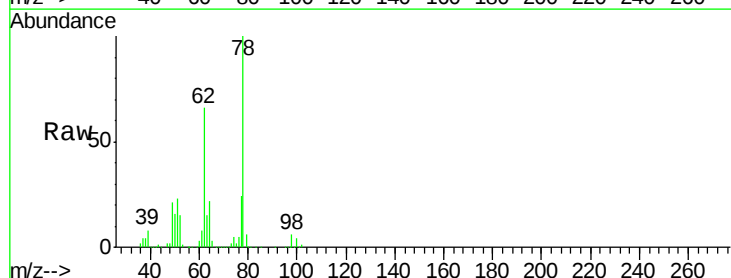
RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

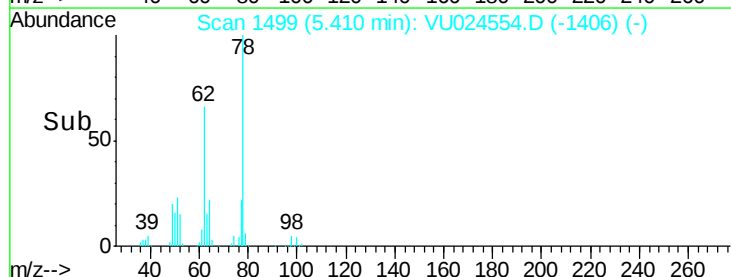
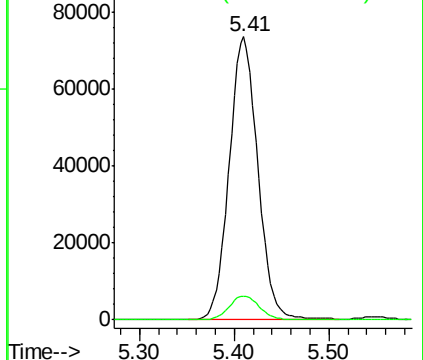
Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	16.6	



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





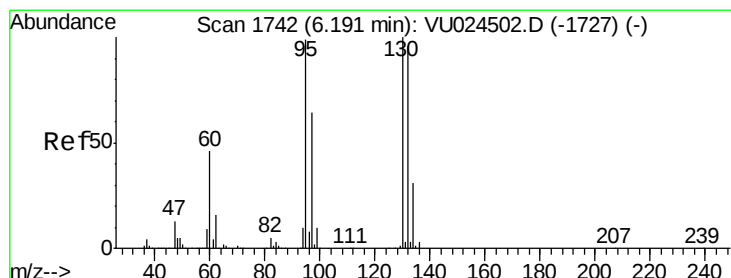
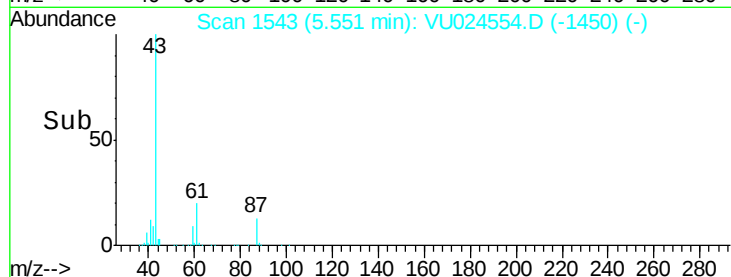
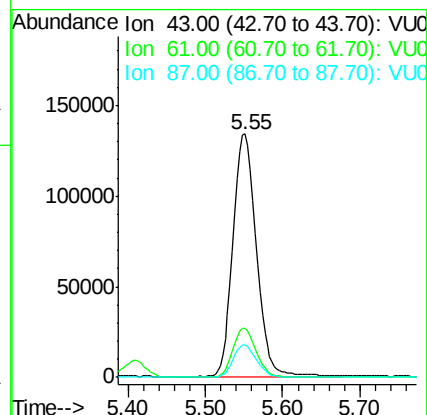
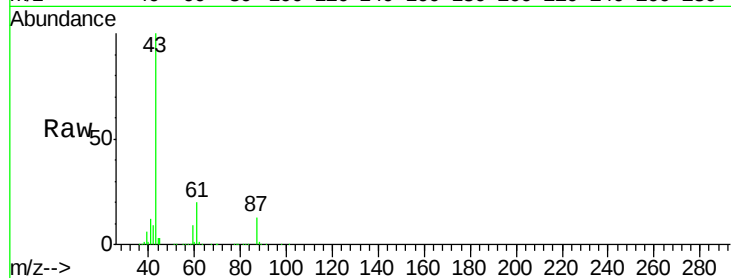
#43
Isopropyl Acetate
Concen: 46.937 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	13.4	10.0	15.0

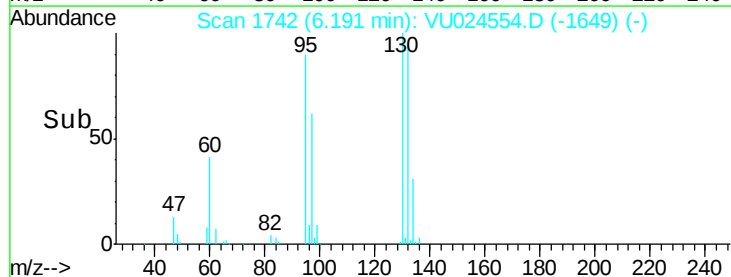
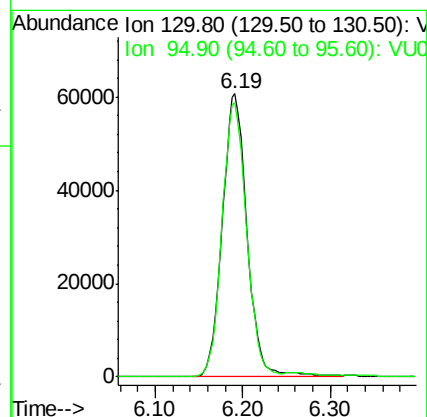
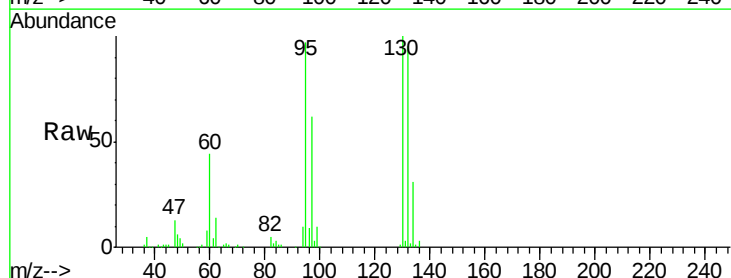
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#44
Trichloroethene
Concen: 46.545 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	202.4





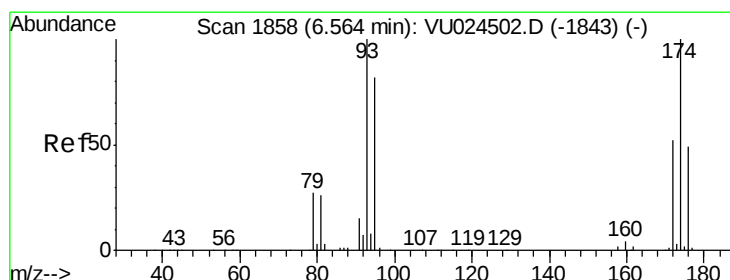
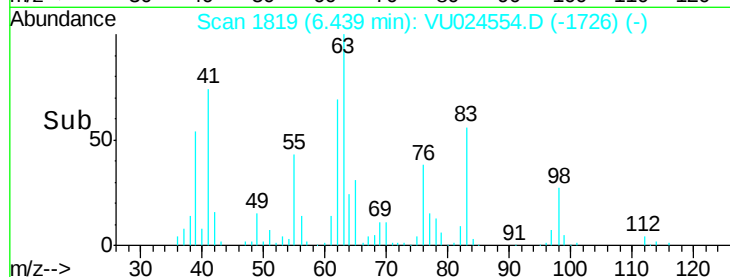
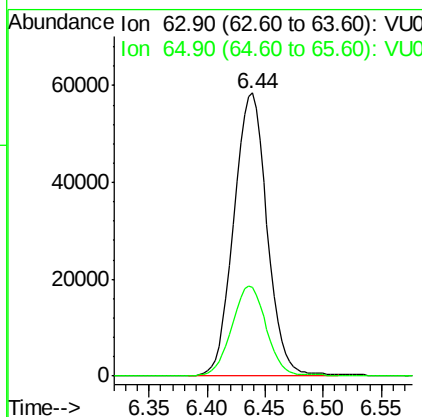
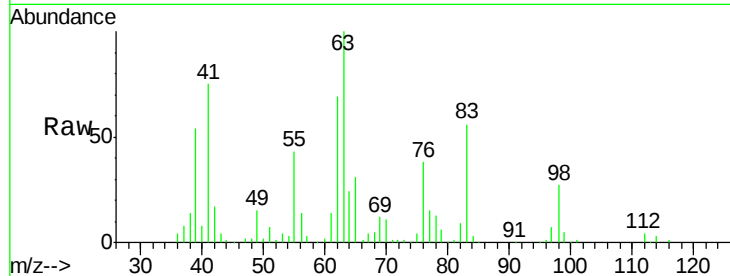
#45
 1,2-Dichloropropane
 Concen: 48.467 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Tot Ion: 63 Resp: 116480
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2

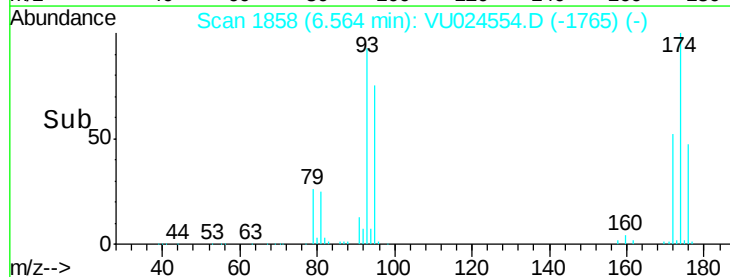
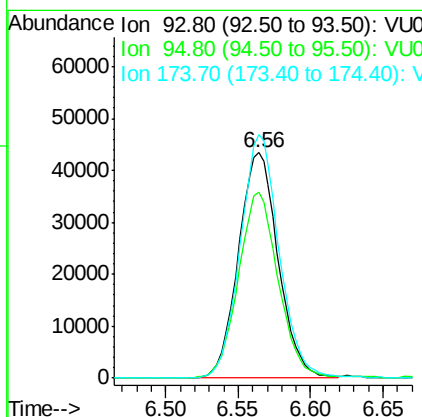
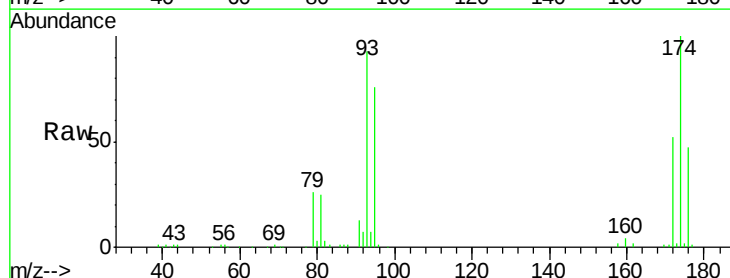
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#46
 Dibromomethane
 Concen: 48.931 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion: 93 Resp: 82600
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.5 98.3
 174 106.3 78.7 118.1





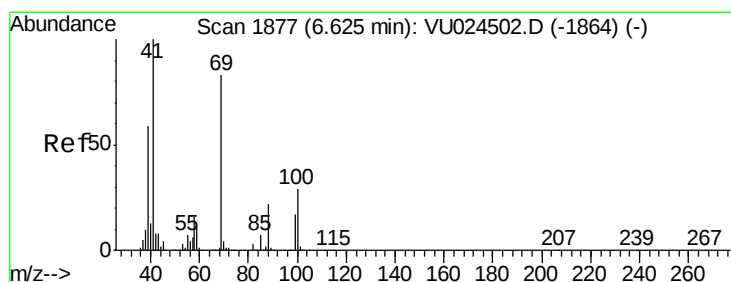
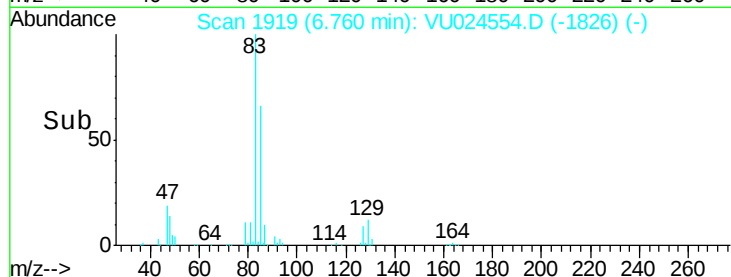
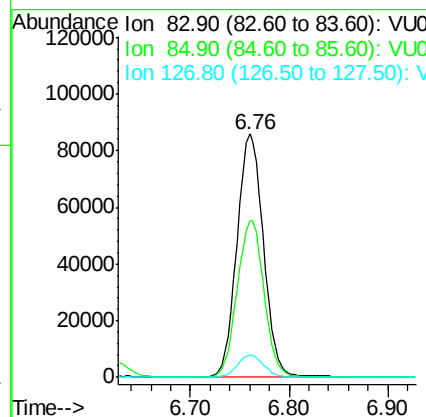
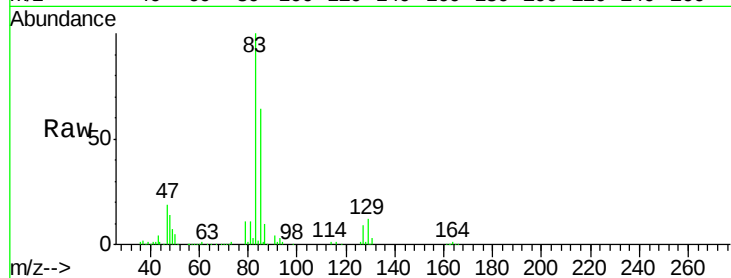
#47
Bromodichloromethane
Concen: 47.348 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	159159		
85	64.4	51.9	77.9	
127	9.1	6.6	9.8	

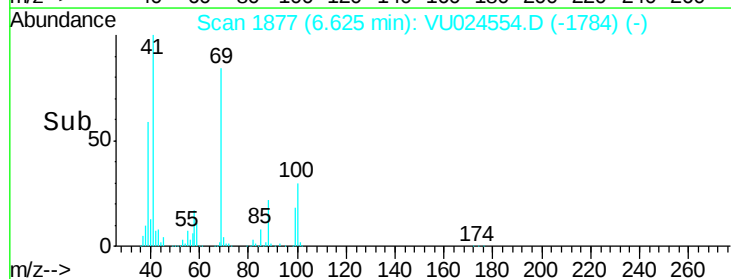
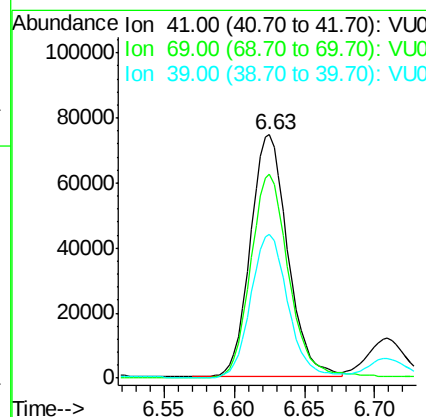
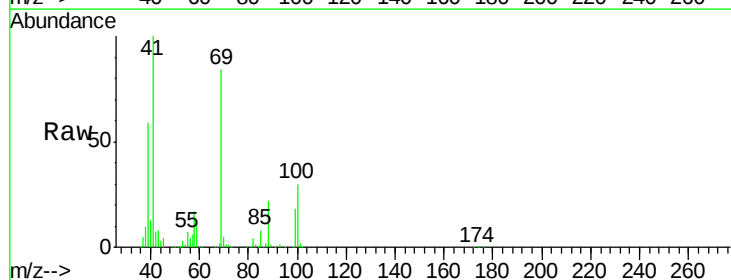
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#48
Methyl methacrylate
Concen: 47.647 ug/l
RT: 6.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	138170		
69	86.0	67.3	100.9	
39	58.8	46.5	69.7	





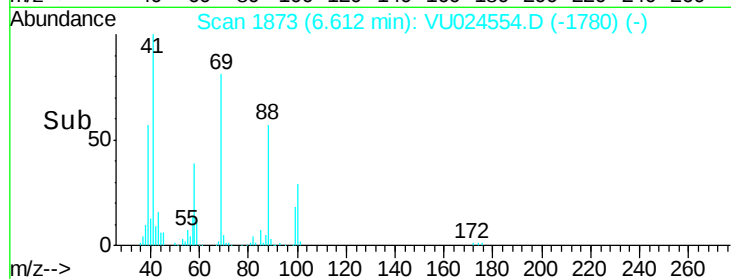
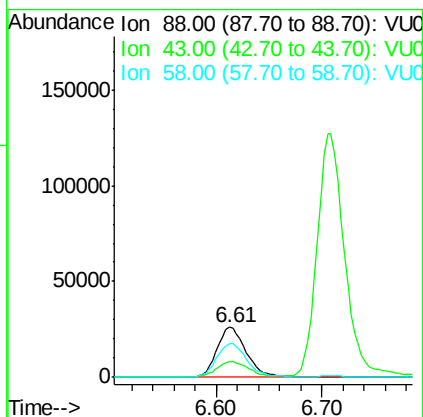
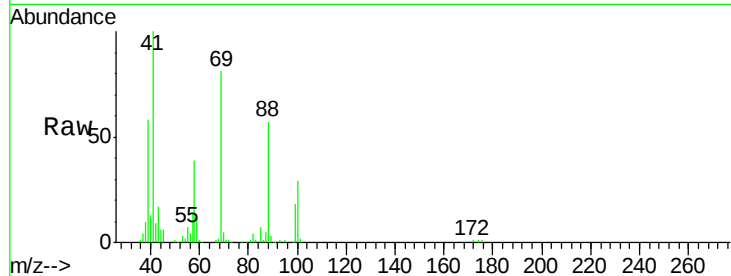
#49
1,4-Dioxane
Concen: 882.273 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	28.6	42.8
58	71.0	58.2	87.4

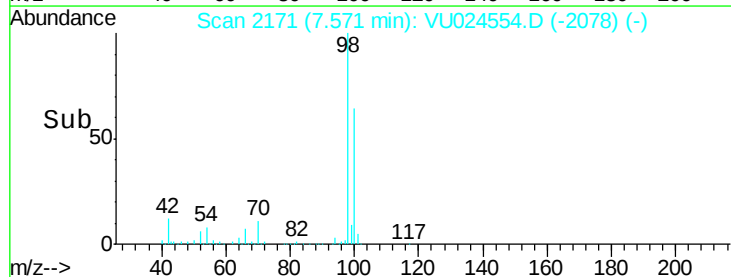
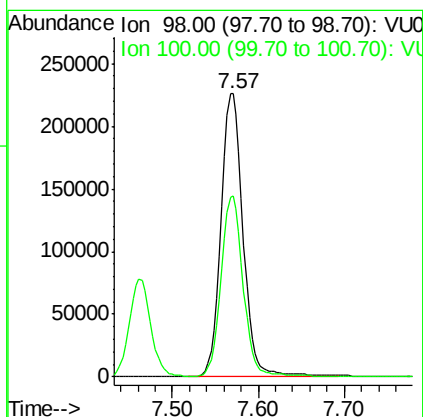
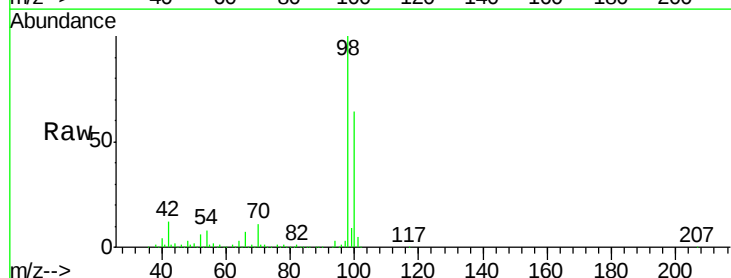
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#50
Toluene-d8
Concen: 49.928 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.1	76.7





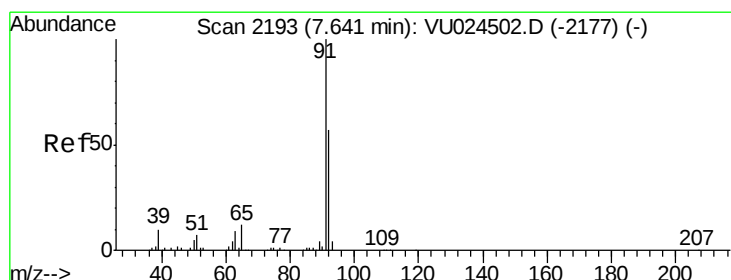
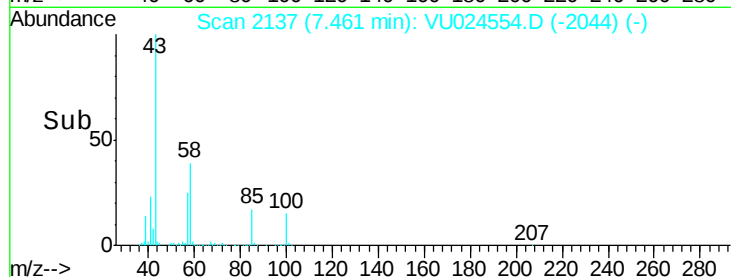
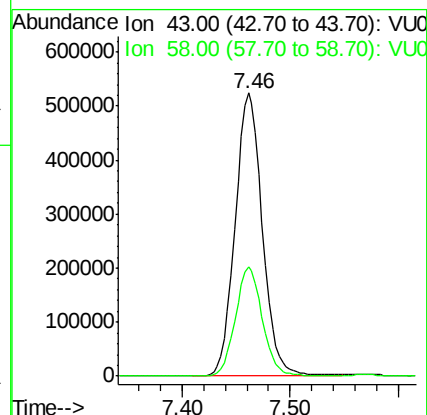
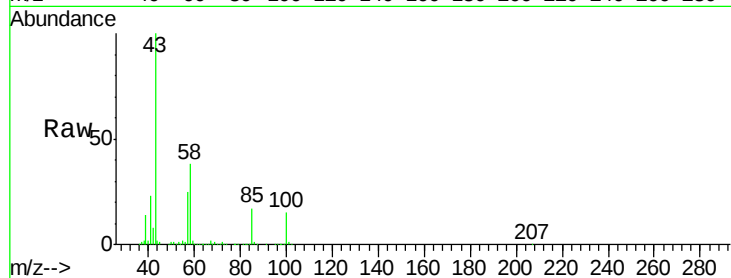
#51
 4-Methyl-2-Pentanone
 Concen: 246.277 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.0	45.0

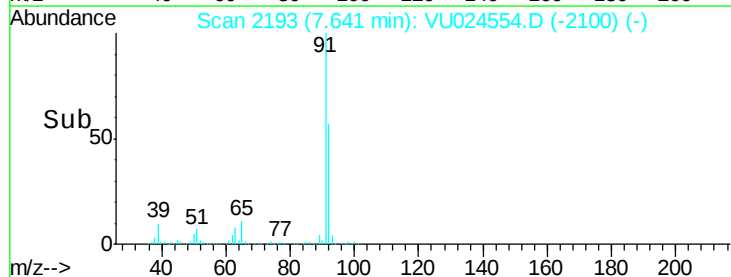
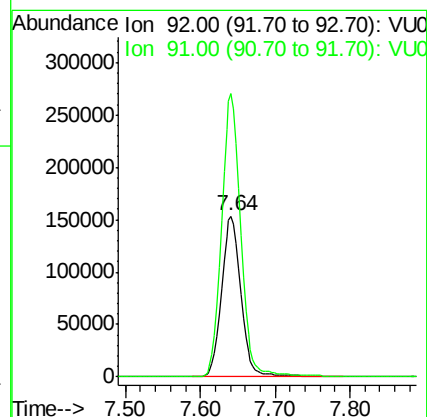
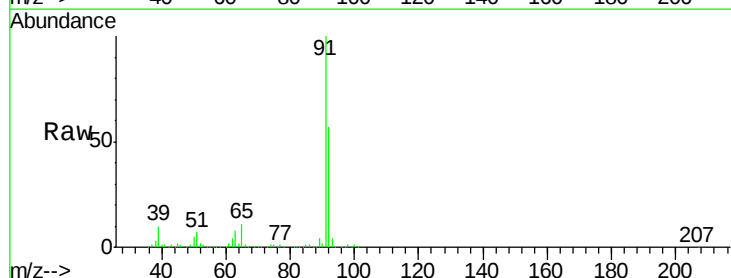
Manual Integrations
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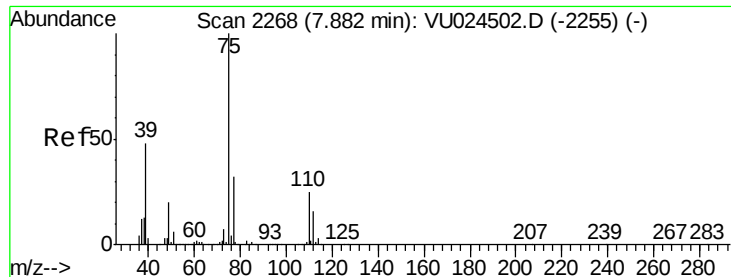
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#52
 Toluene
 Concen: 47.723 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.6	140.5	210.7





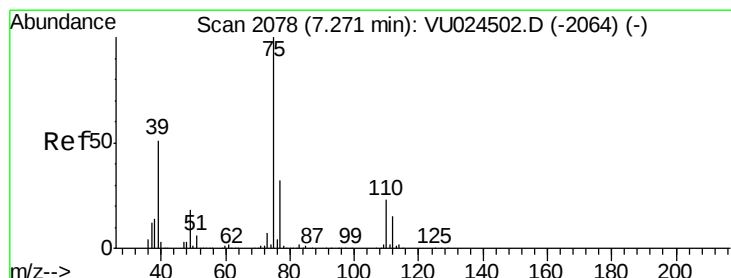
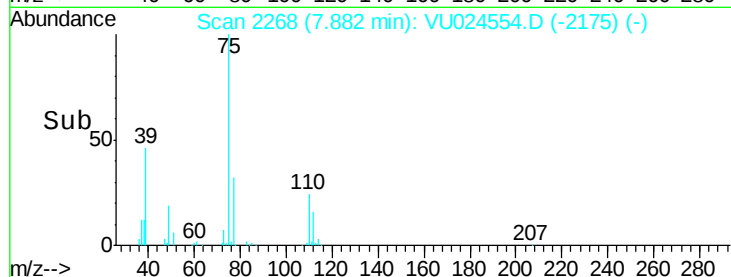
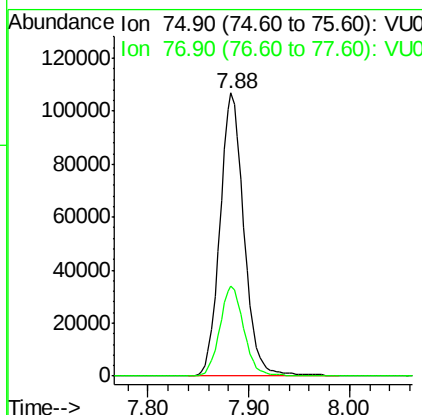
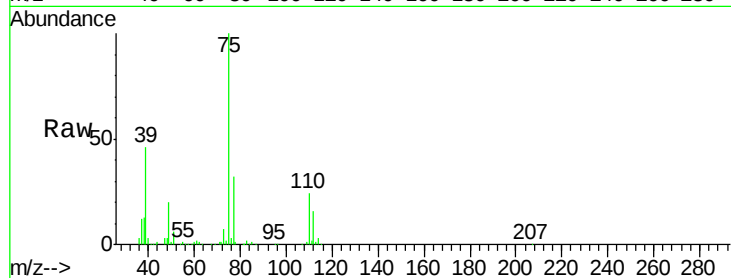
#53
t-1,3-Dichloropropene
Concen: 47.115 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2

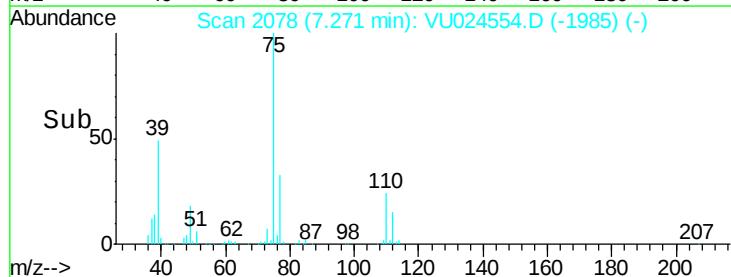
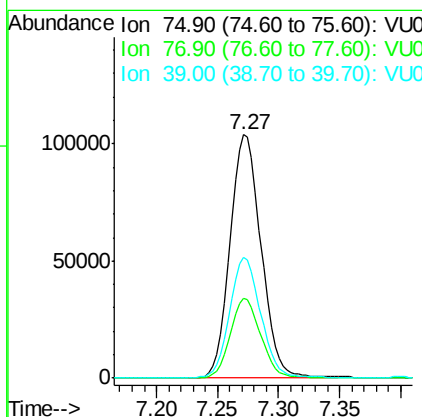
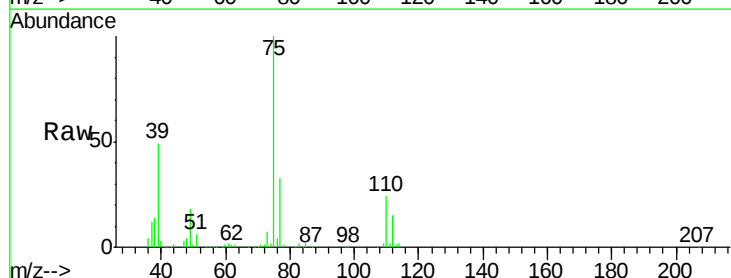
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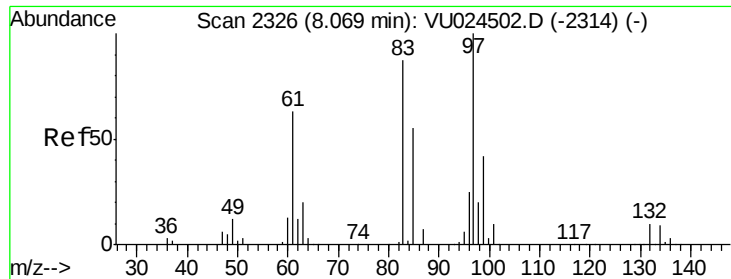
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#54
cis-1,3-Dichloropropene
Concen: 45.956 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.6	36.8
39	49.1	39.8	59.6





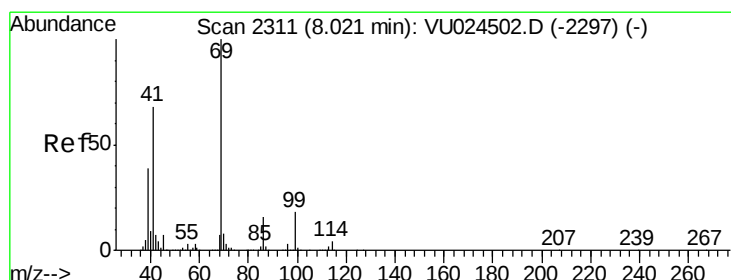
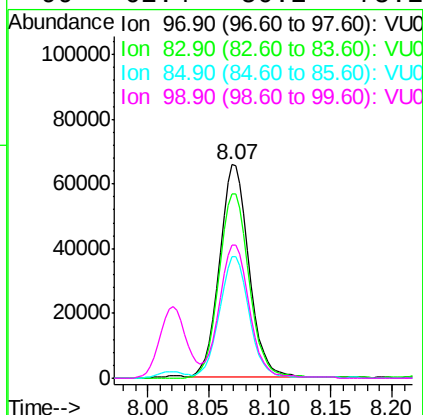
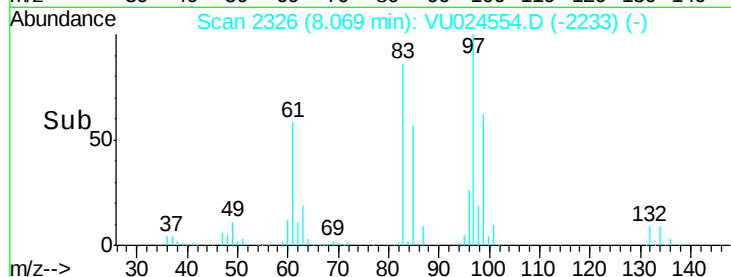
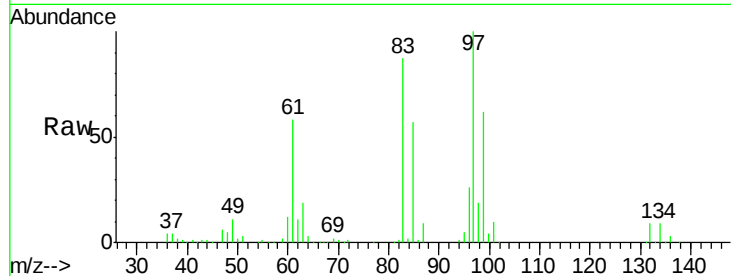
#55
 1,1,2-Trichloroethane
 Concen: 47.618 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		112166		
83	86.4	70.5	105.7		
85	56.7	46.4	69.6		
99	62.4	50.2	75.2		

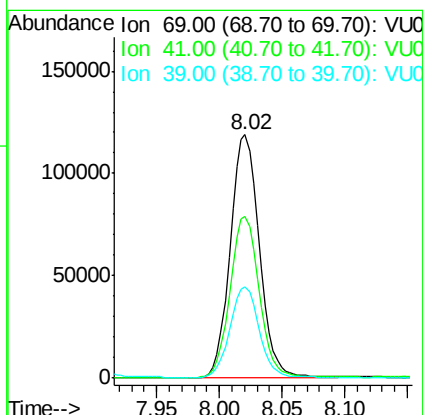
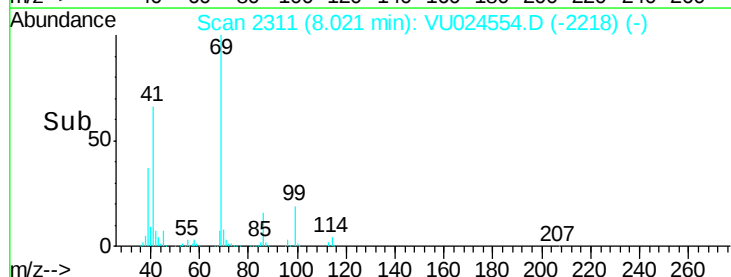
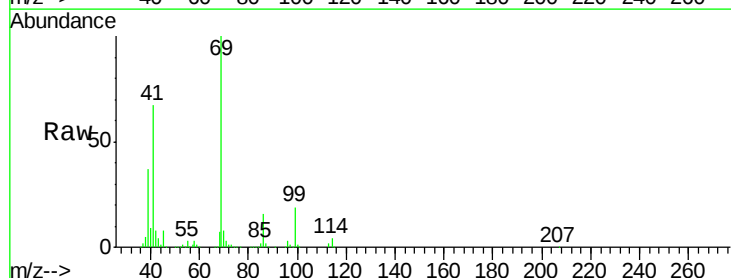
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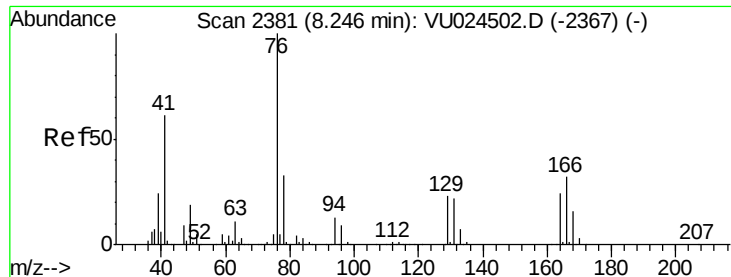
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#56
 Ethyl methacrylate
 Concen: 48.960 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		193028		
41	66.3	54.1	81.1		
39	36.8	30.3	45.5		





#57

1,3-Dichloropropane

Concen: 47.596 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion: 76 Resp: 189127

Ion Ratio Lower Upper

76 100

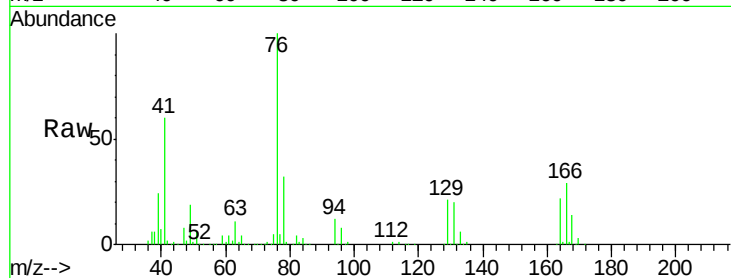
78 32.7 25.2 37.8

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.25

120000

100000

80000

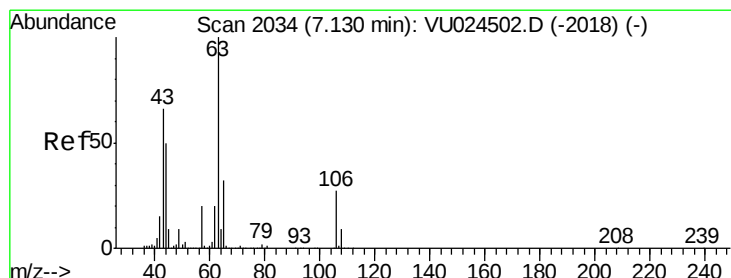
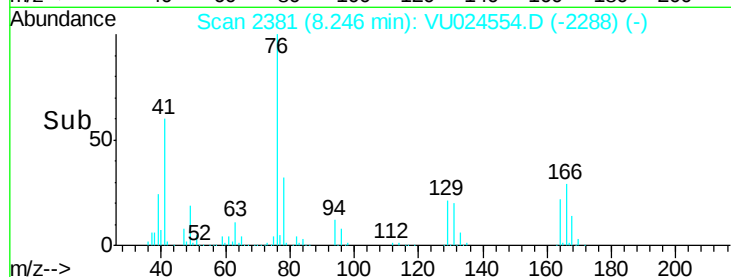
60000

40000

20000

0

Time--> 8.15 8.20 8.25 8.30 8.35



#58

2-Chloroethyl Vinyl ether

Concen: 0.828 ug/l m

RT: 7.14 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VU024554.D

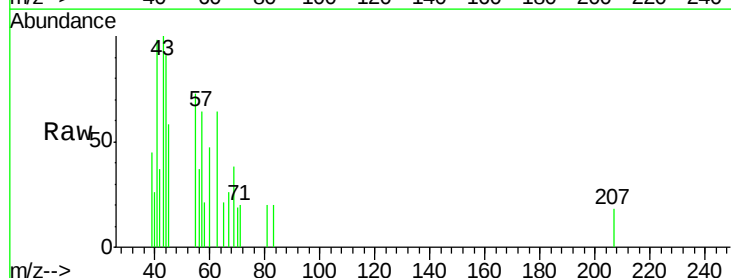
Acq: 14 Jun 2018 20:45

Tgt Ion: 63 Resp: 1250

Ion Ratio Lower Upper

63 100

106 0.0 20.2 30.2#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

7.14

400

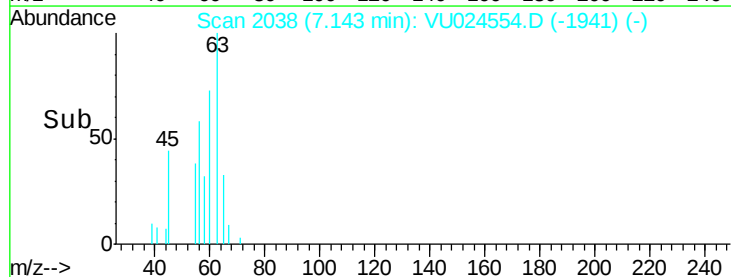
300

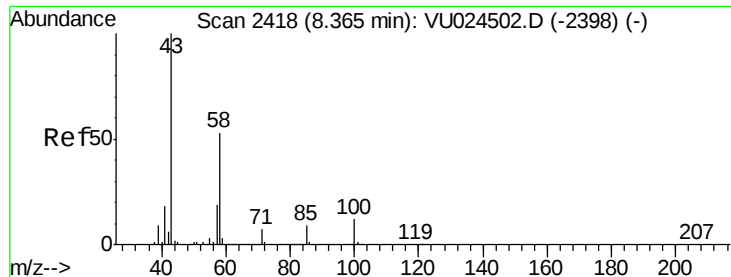
200

100

0

Time--> 7.05 7.10 7.15 7.20





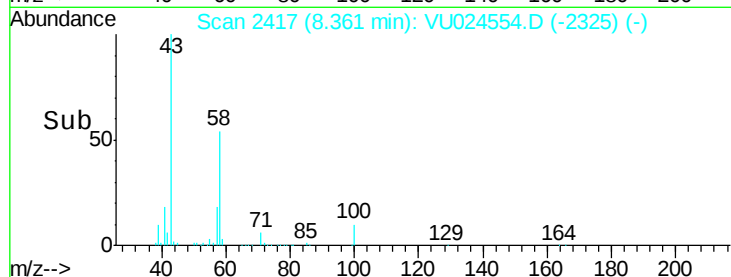
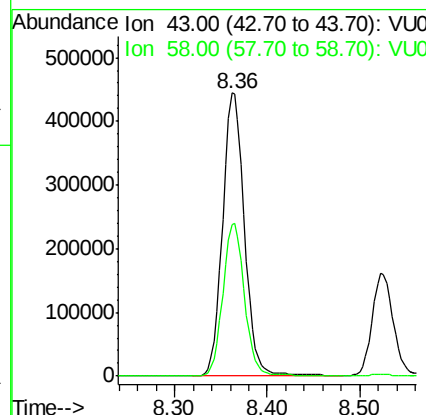
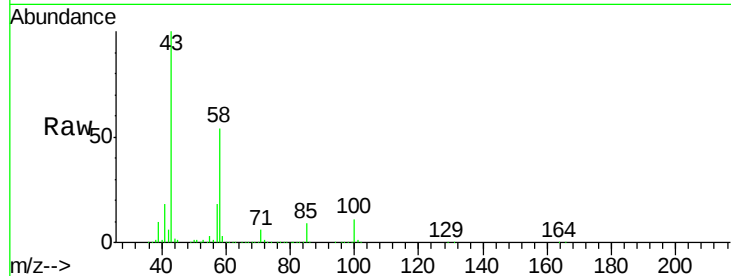
#59
2-Hexanone
Concen: 237.351 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion: 43 Resp: 724988
Ion Ratio Lower Upper
43 100
58 53.6 26.4 79.0

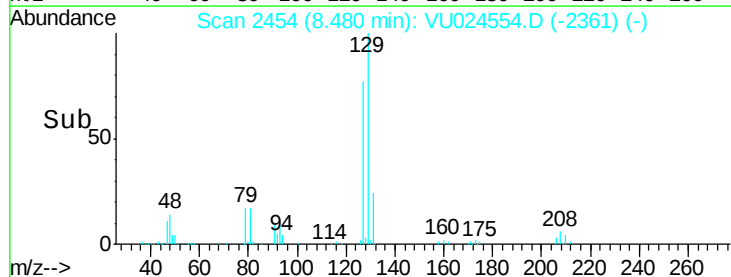
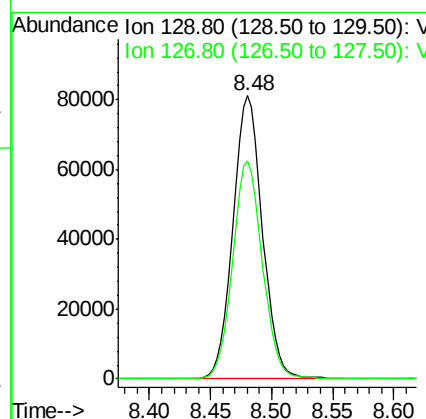
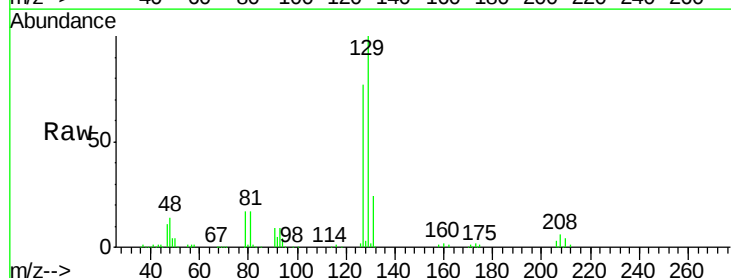
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#60
Dibromochloromethane
Concen: 46.619 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 129 Resp: 136935
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





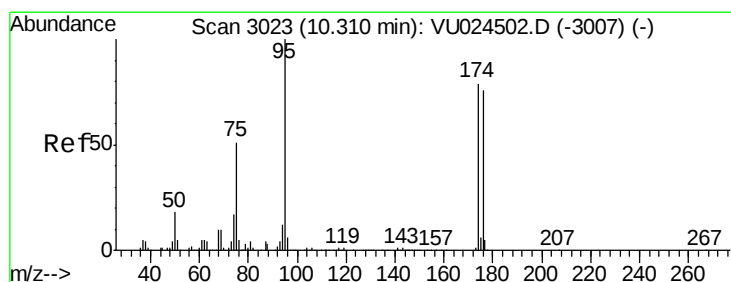
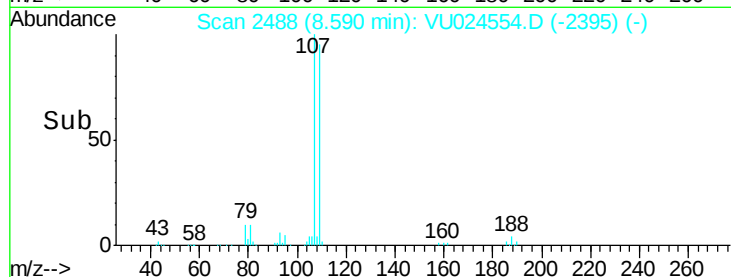
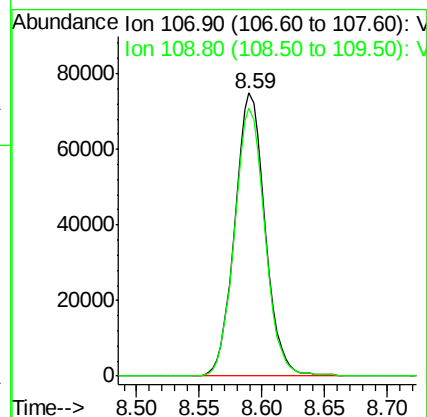
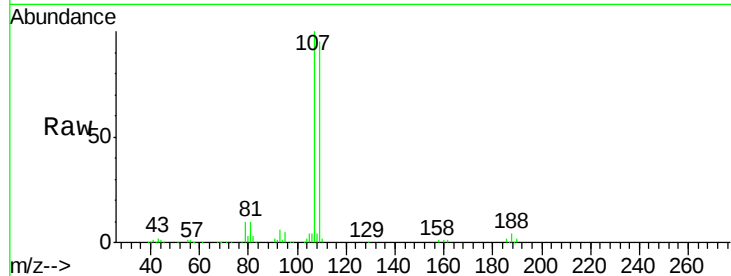
#61
 1,2-Dibromoethane
 Concen: 47.937 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	74.5	111.7

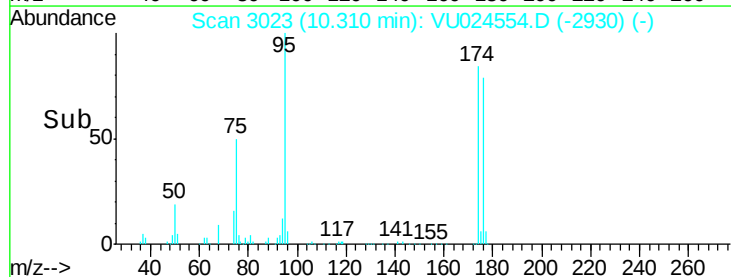
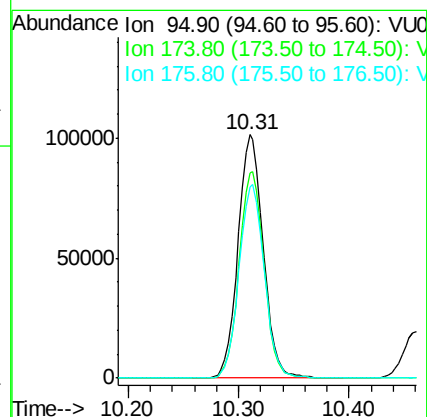
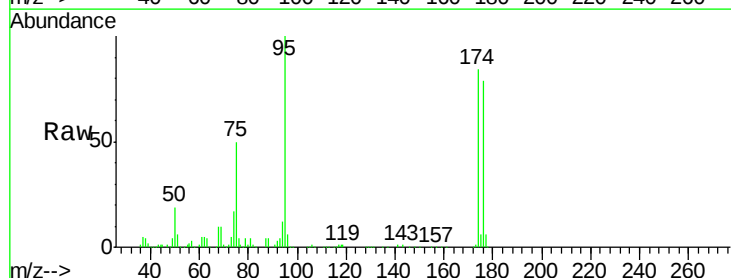
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#62
 4-Bromofluorobenzene
 Concen: 49.656 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	165.8
176	79.9	0.0	159.4





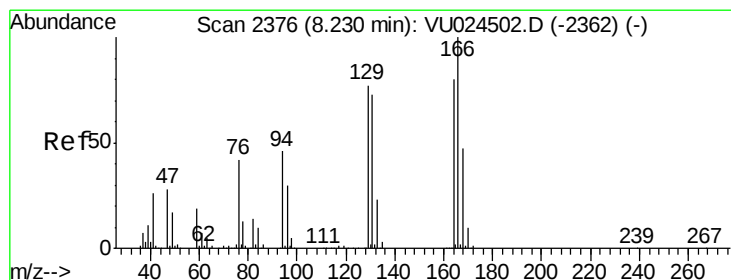
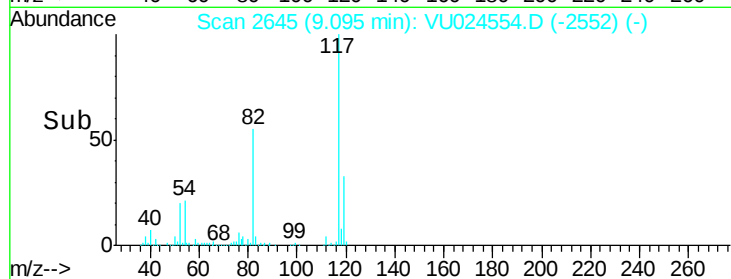
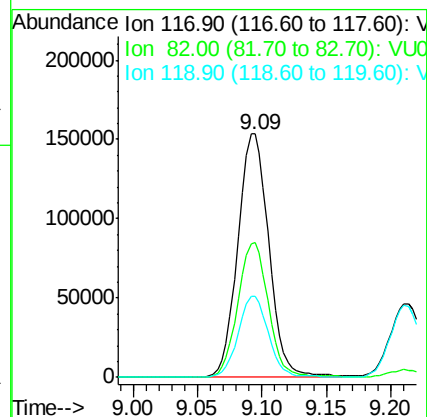
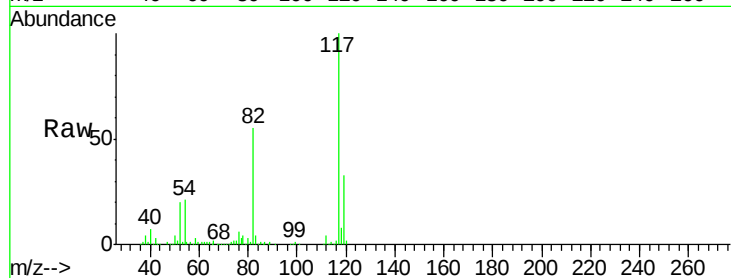
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	257611		
82	55.4	44.3	66.5	
119	33.5	25.4	38.2	

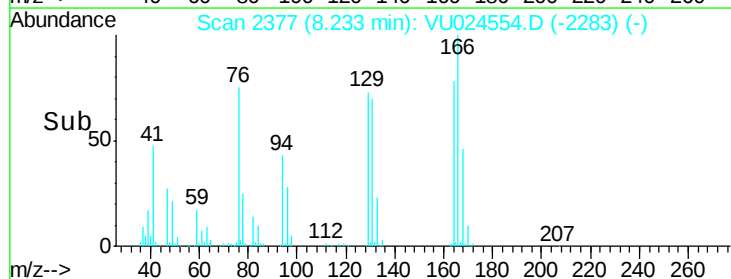
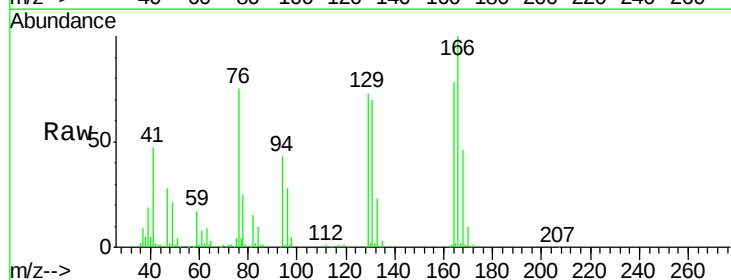
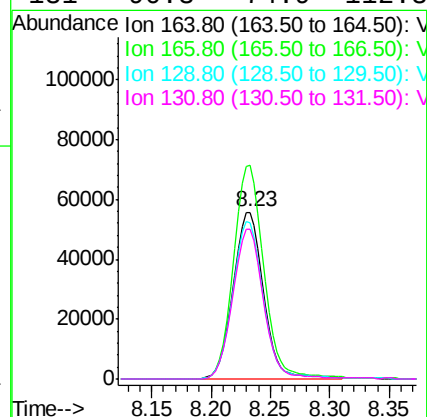
Manual Integrations
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#64
Tetrachloroethene
Concen: 40.440 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	99025		
166	128.4	101.7	152.5	
129	93.8	76.9	115.3	
131	90.3	74.9	112.3	





#65

Chlorobenzene

Concen: 47.849 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion:112 Resp: 314898

Ion Ratio Lower Upper

112 100

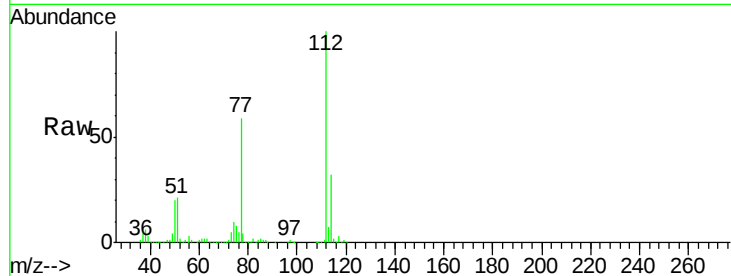
114 32.2 25.6 38.4

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.12

200000

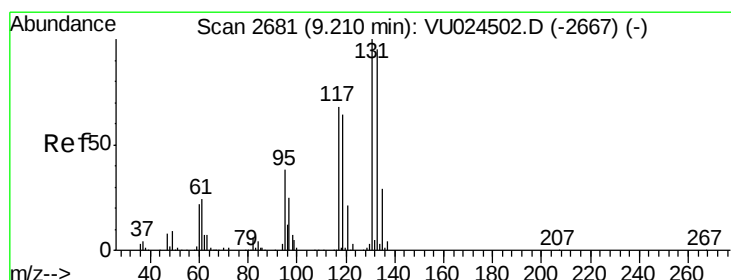
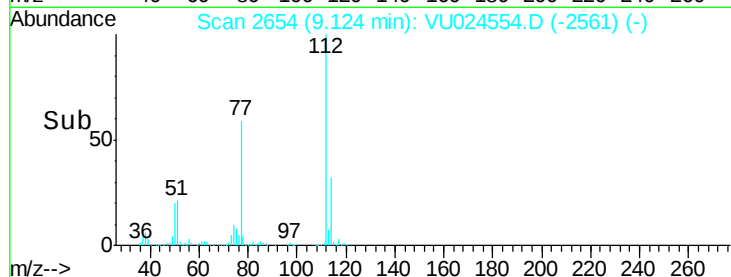
150000

100000

50000

0

Time--> 9.00 9.10 9.20 9.30



#66

1,1,1,2-Tetrachloroethane

Concen: 46.675 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

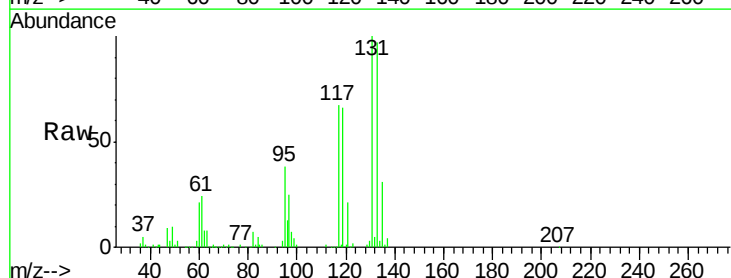
Tgt Ion:131 Resp: 116701

Ion Ratio Lower Upper

131 100

133 96.5 46.9 140.8

119 65.5 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

9.21

80000

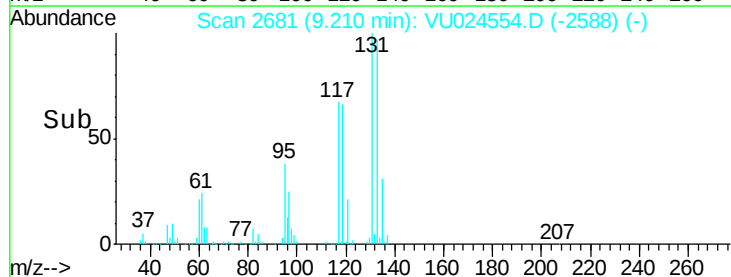
60000

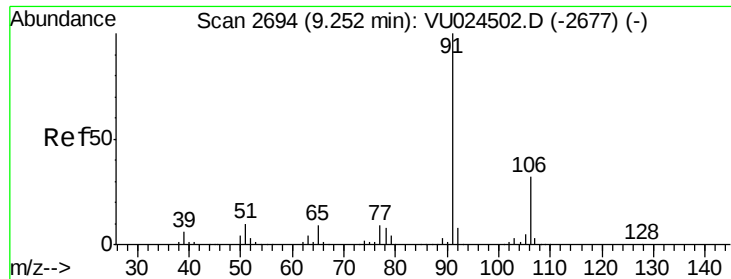
40000

20000

0

Time--> 9.15 9.20 9.25 9.30





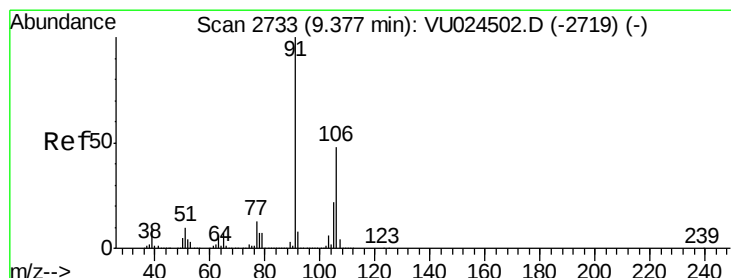
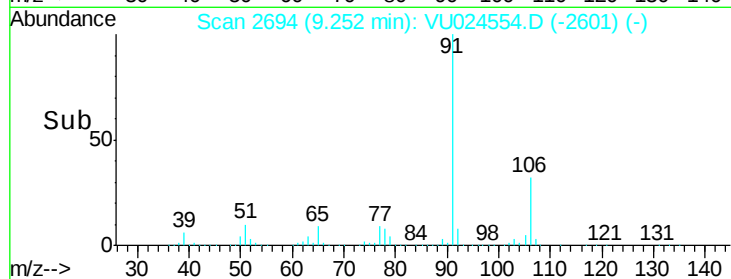
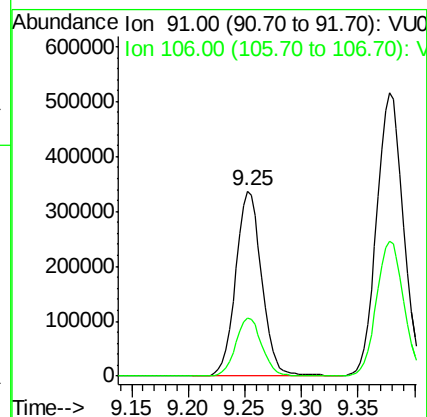
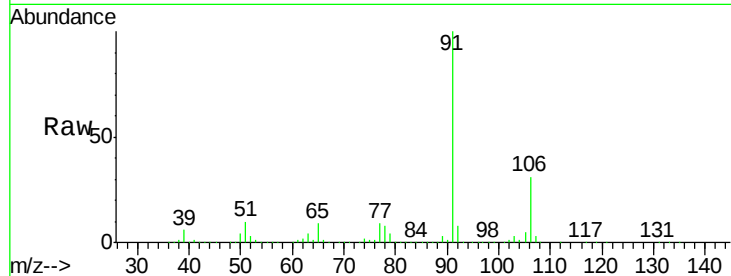
#67
Ethyl Benzene
Concen: 47.052 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion: 91 Resp: 542845
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4

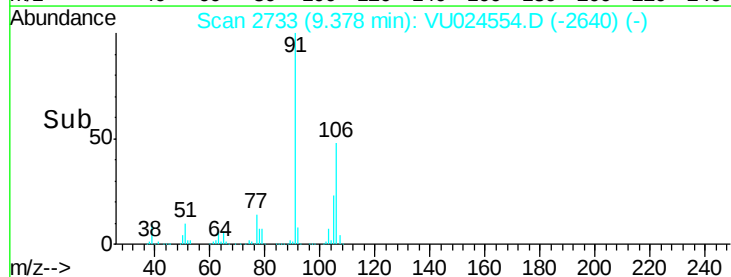
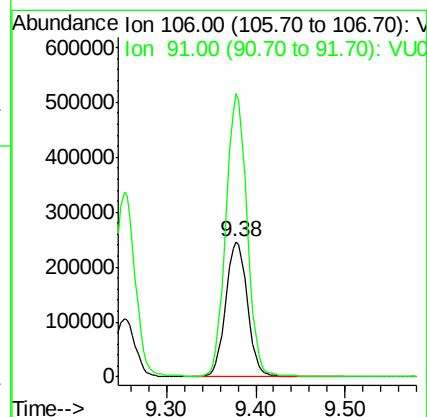
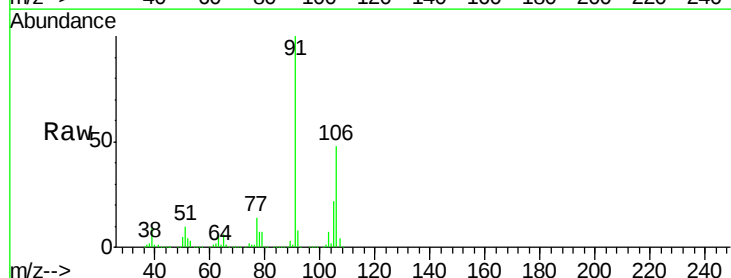
Manual Integrations
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#68
m/p-Xylenes
Concen: 93.751 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 106 Resp: 415336
Ion Ratio Lower Upper
106 100
91 205.6 166.5 249.7





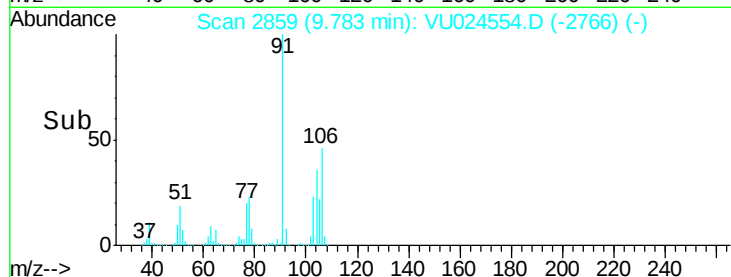
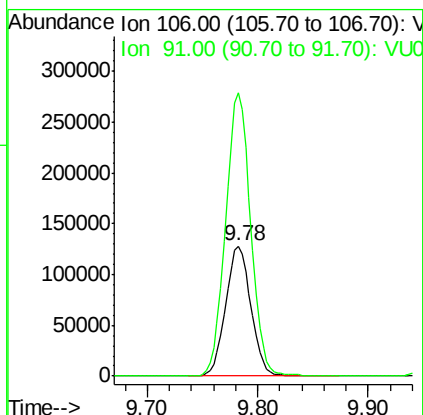
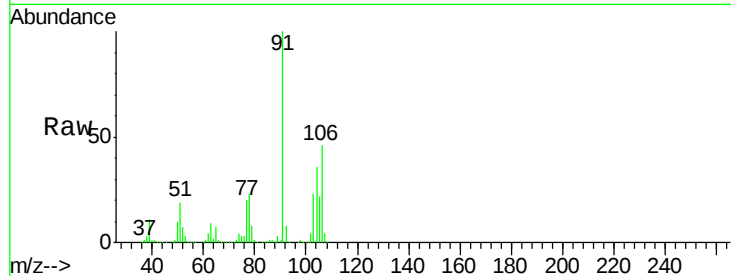
#69
o-Xylene
Concen: 46.351 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ion	Ratio	Lower	Upper
203223	106	100		
	91	216.8	110.7	331.9

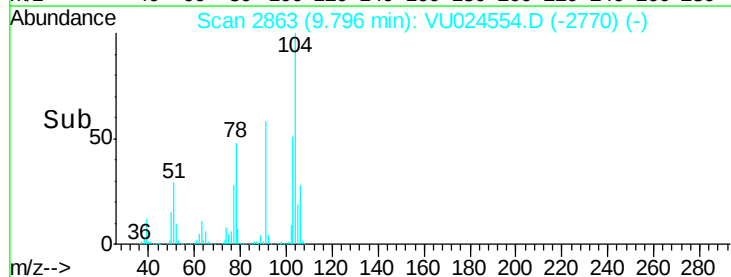
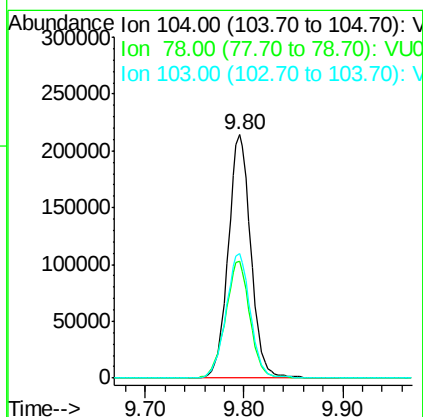
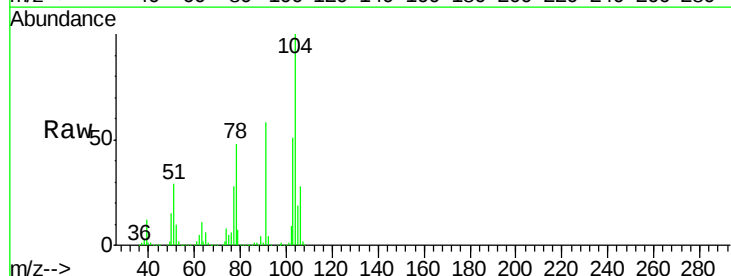
Manual Integrations
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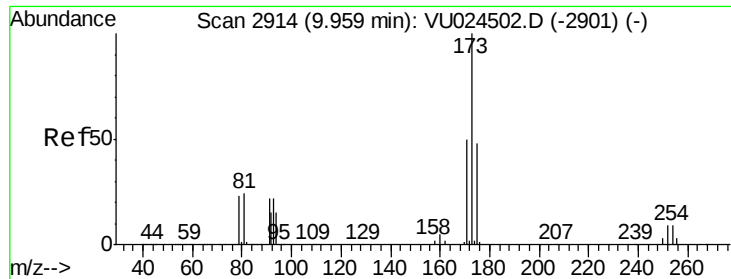
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#70
Styrene
Concen: 47.725 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
343866	104	100		
	78	51.8	40.6	60.8
	103	55.2	44.7	67.1





#71

Bromoform

Concen: 47.695 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

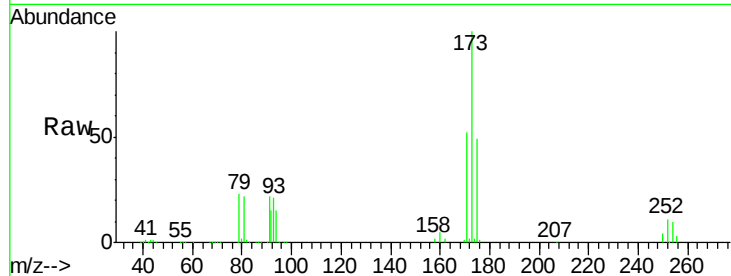
ClientSampleId :

T3-MW-5-9.0-061118MSD

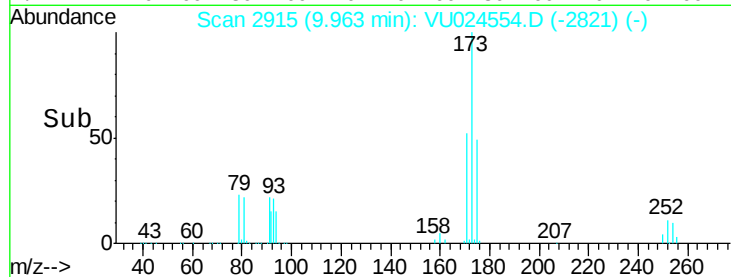
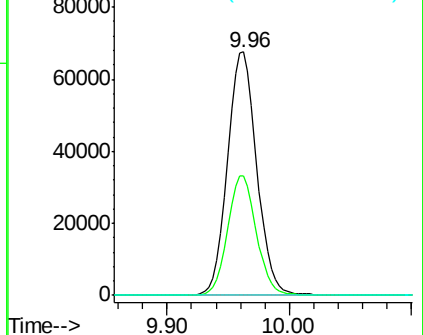
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.6	74.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

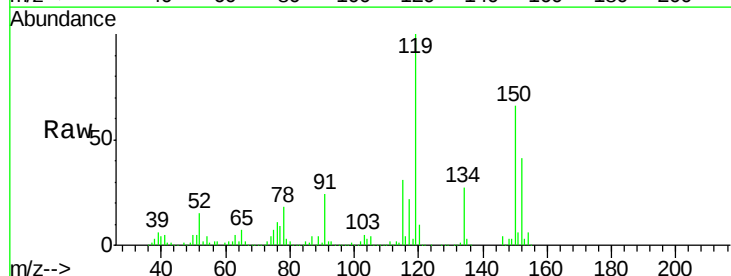
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

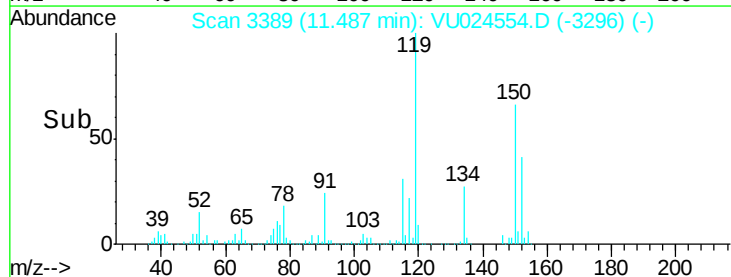
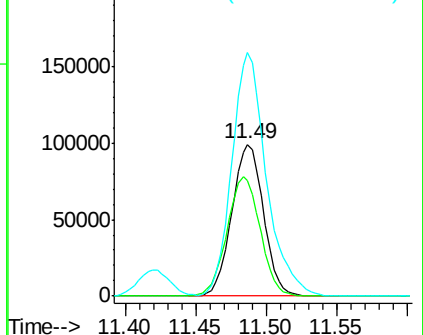
Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.7	43.0	129.0
150	175.2	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: 45.646 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion: 105 Resp: 545446

Ion Ratio Lower Upper

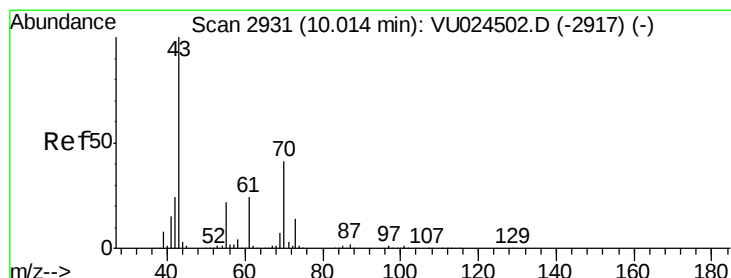
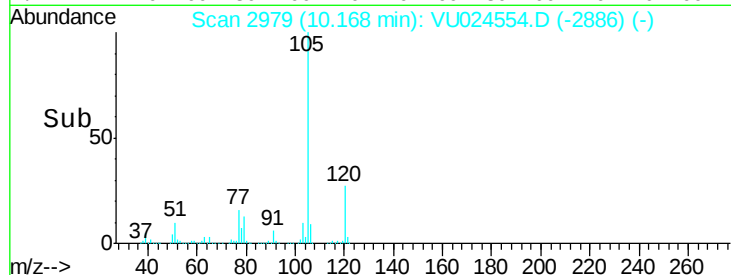
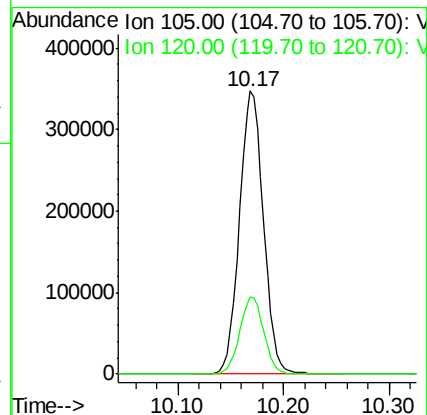
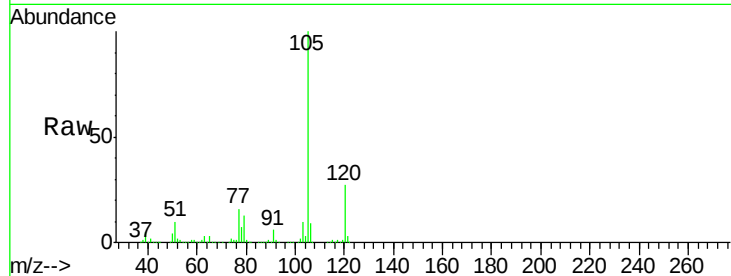
105 100

120 27.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 46.146 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tgt Ion: 43 Resp: 262281

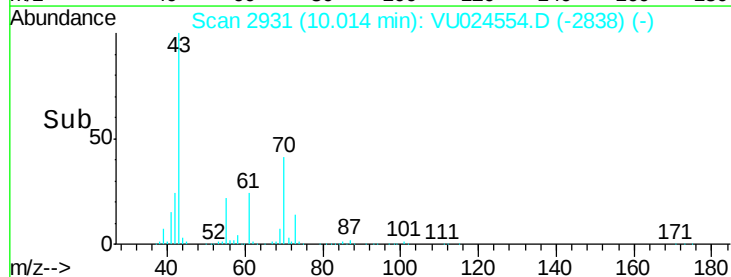
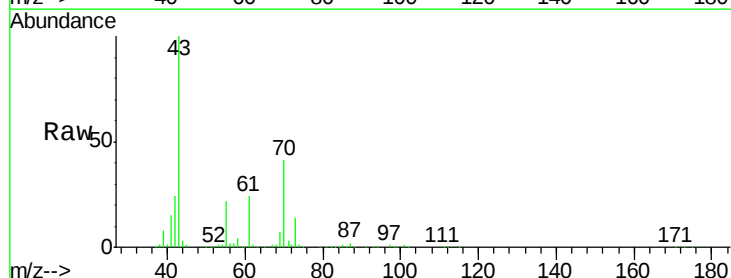
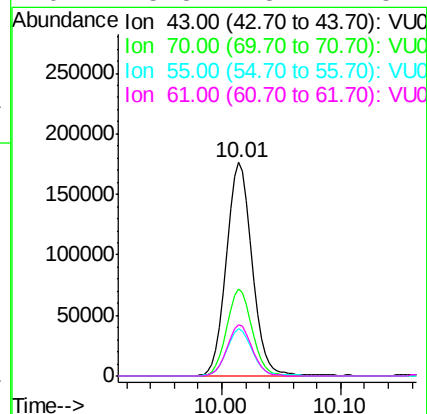
Ion Ratio Lower Upper

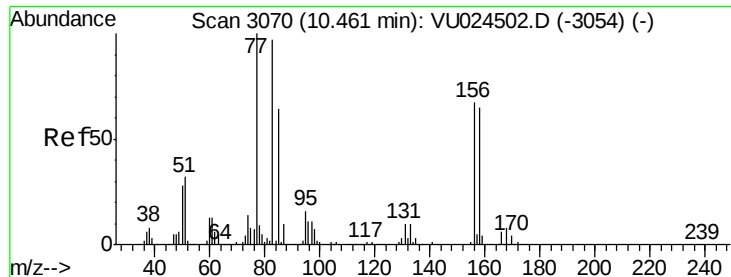
43 100

70 40.5 32.2 48.4

55 22.0 20.5 30.7

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.588 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion: 83 Resp: 194559

Ion Ratio Lower Upper

83 100

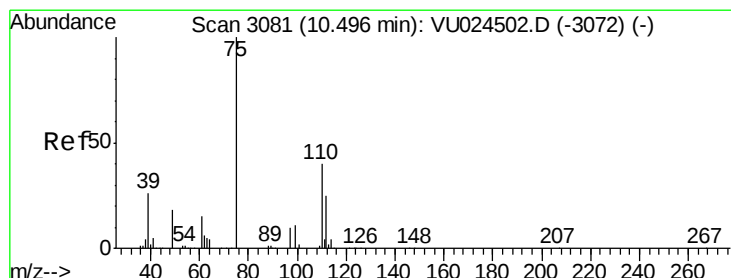
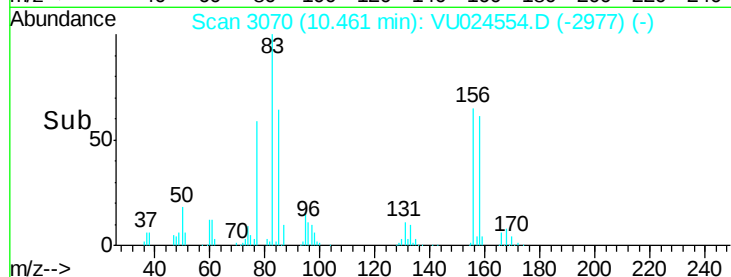
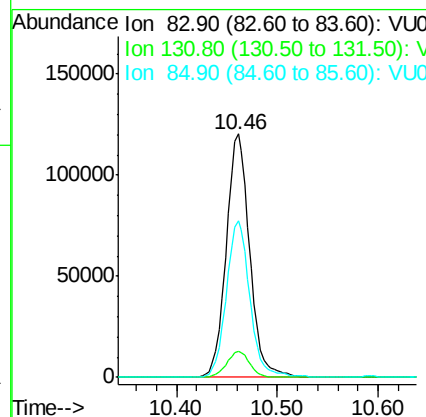
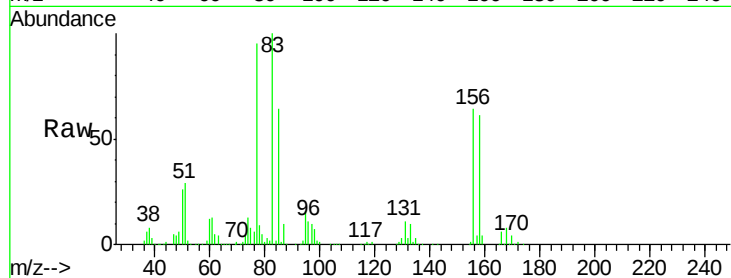
131 10.4 4.7 14.1

85 64.9 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 49.799 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024554.D

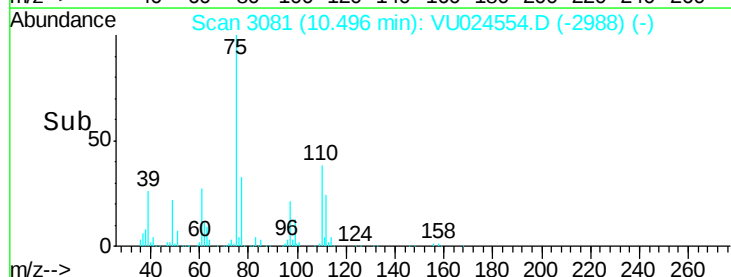
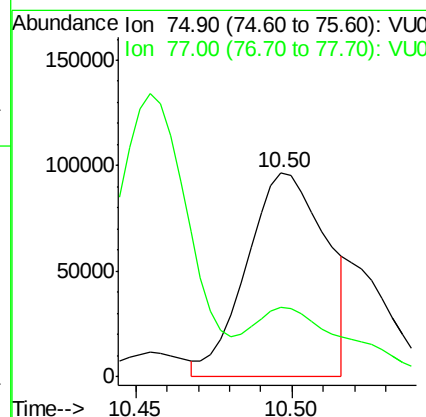
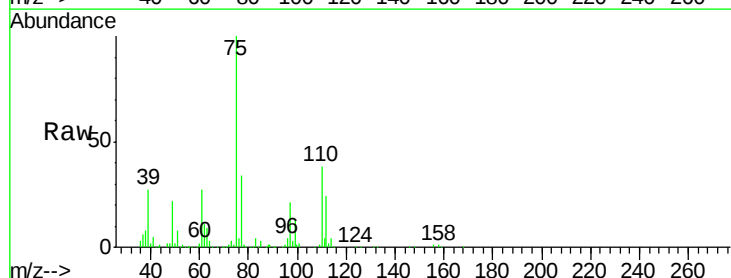
Acq: 14 Jun 2018 20:45

Tgt Ion: 75 Resp: 170644

Ion Ratio Lower Upper

75 100

77 40.5 20.9 62.7





#77

Bromobenzene

Concen: 46.988 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

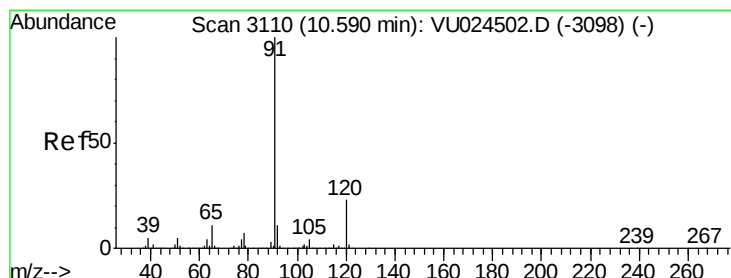
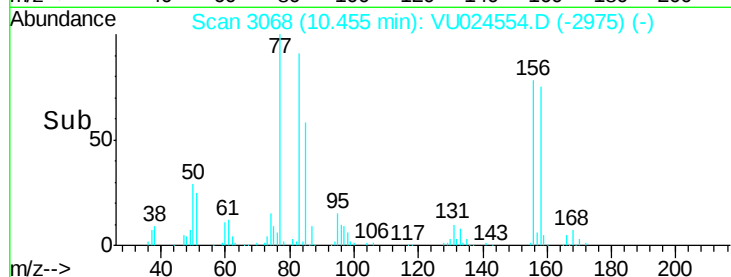
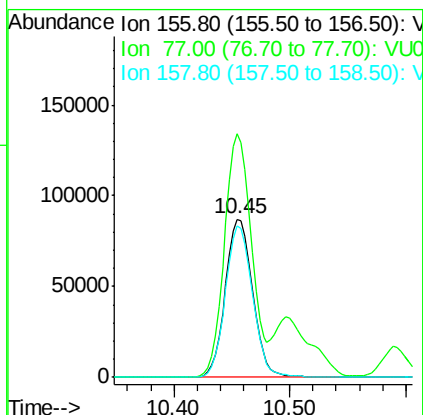
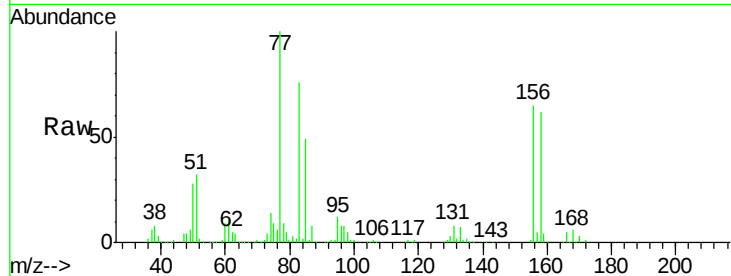
ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.5	80.5	241.3
158	95.5	48.2	144.6

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#78

n-propylbenzene

Concen: 46.153 ug/l

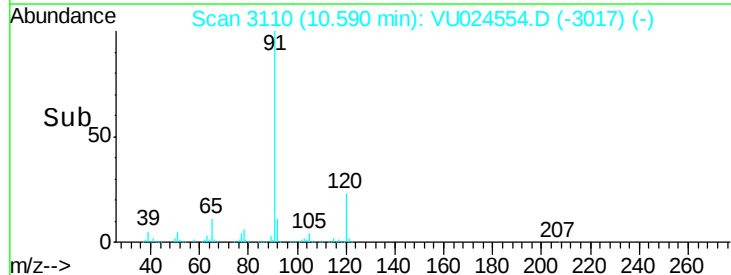
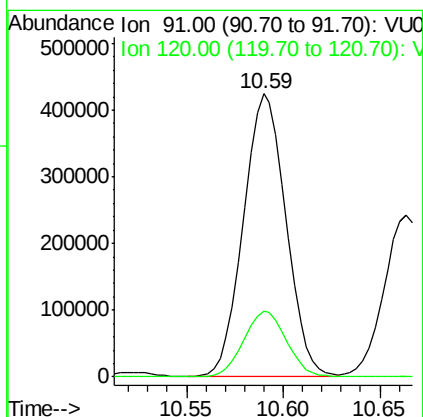
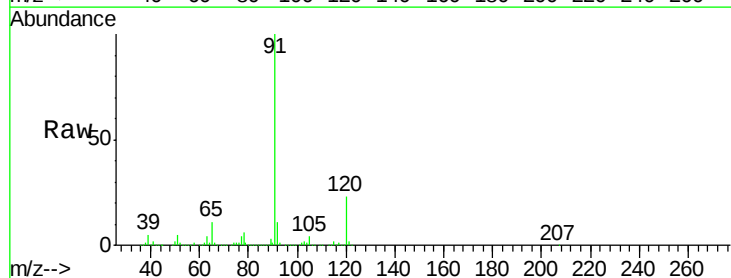
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.2	33.5





#79

2-Chlorotoluene

Concen: 46.171 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion: 91 Resp: 383266

Ion Ratio Lower Upper

91 100

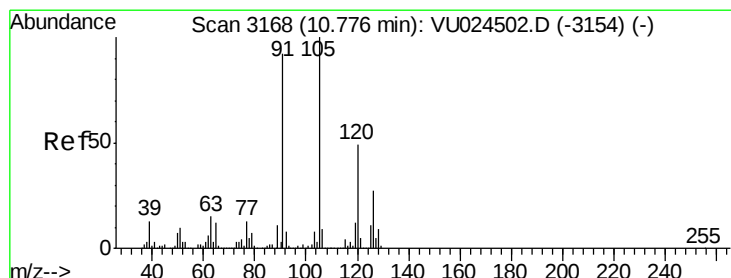
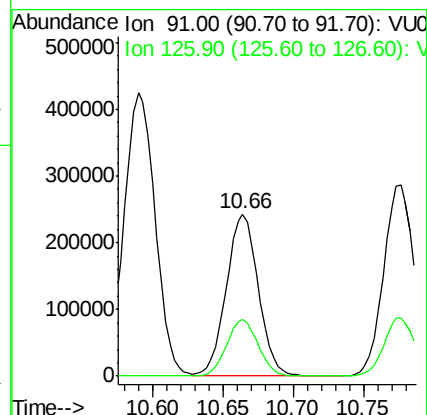
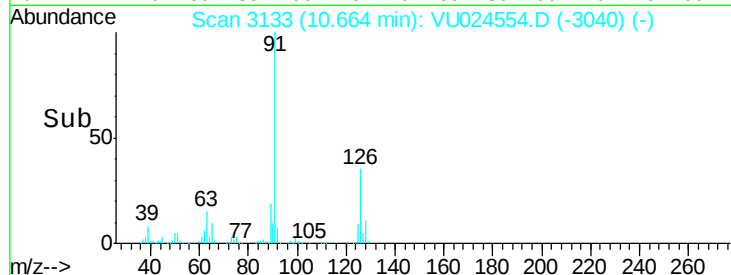
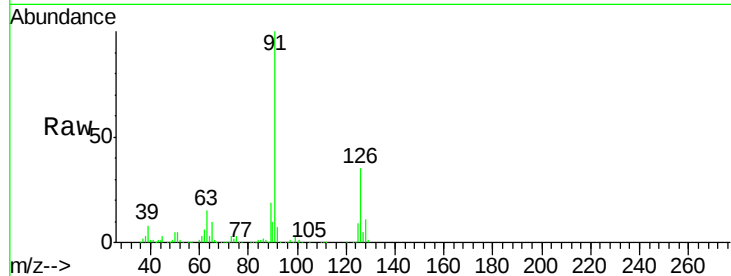
126 34.6 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 45.258 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024554.D

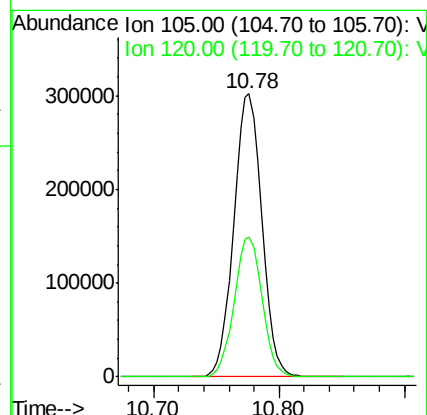
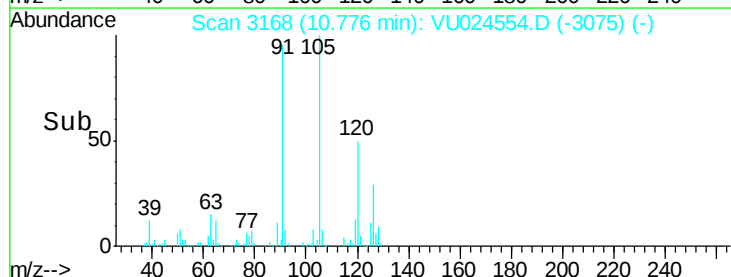
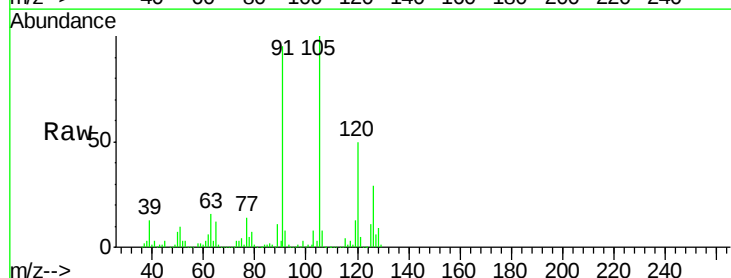
Acq: 14 Jun 2018 20:45

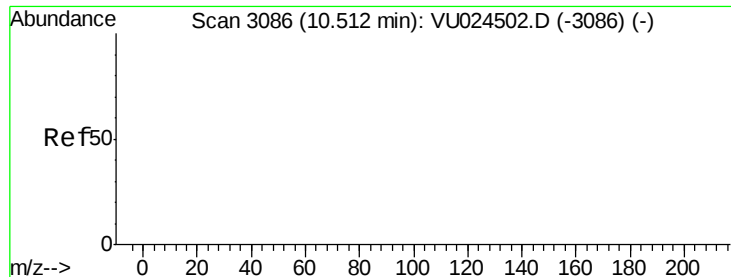
Tgt Ion: 105 Resp: 468737

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2





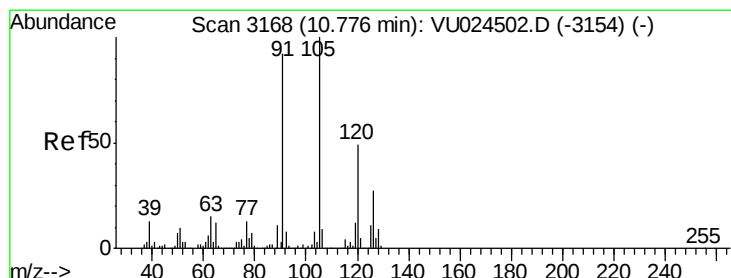
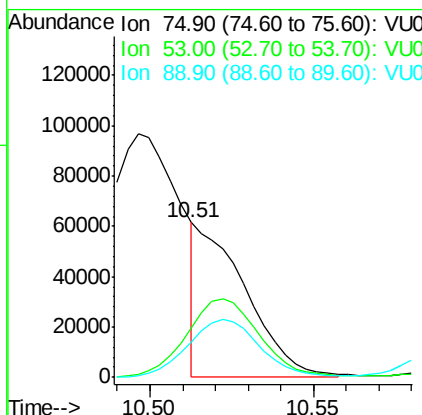
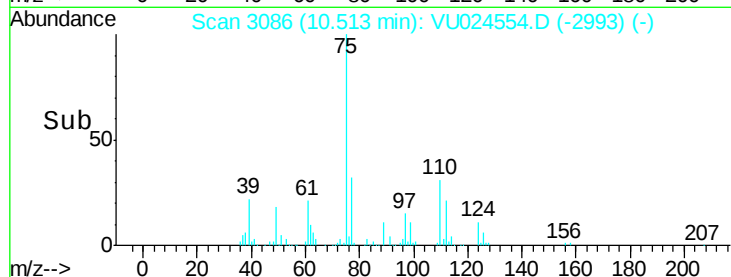
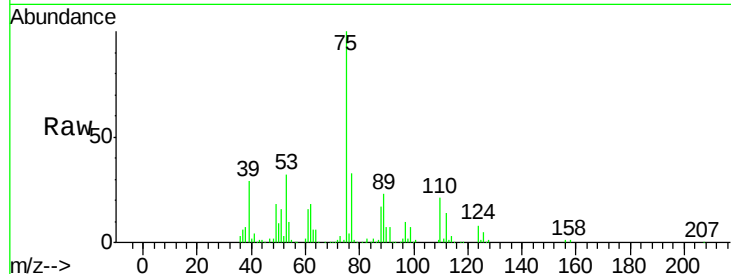
#81
trans-1,4-Dichloro-2-butene
Concen: 43.154 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

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

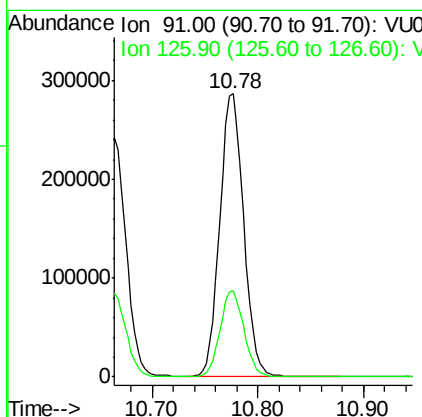
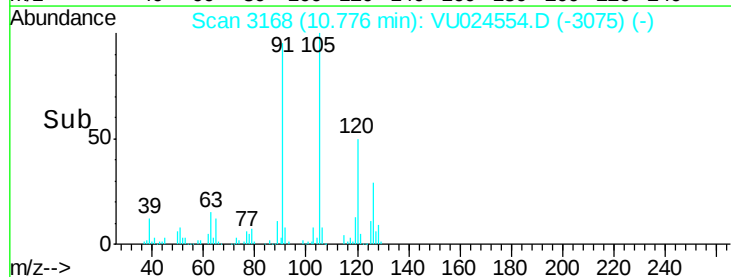
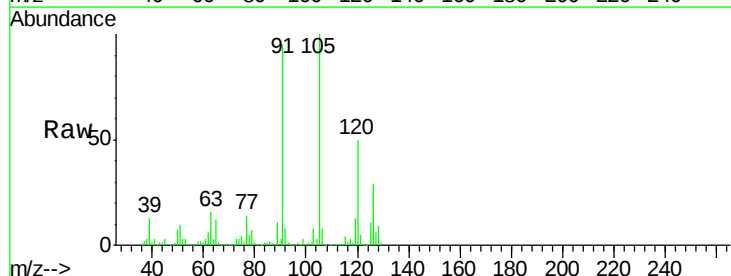
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#82
4-Chlorotoluene
Concen: 46.319 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	14.9	44.9





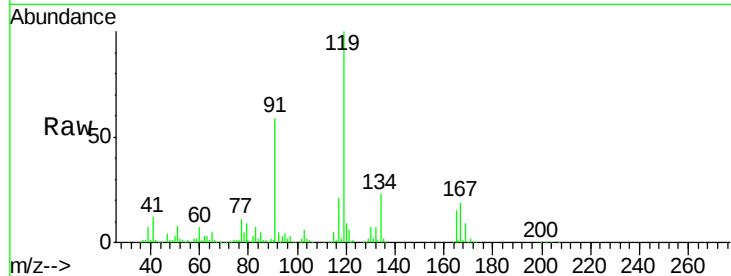
#83
tert-Butylbenzene
Concen: 46.704 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

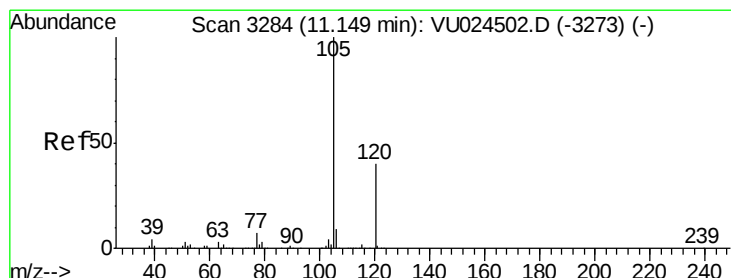
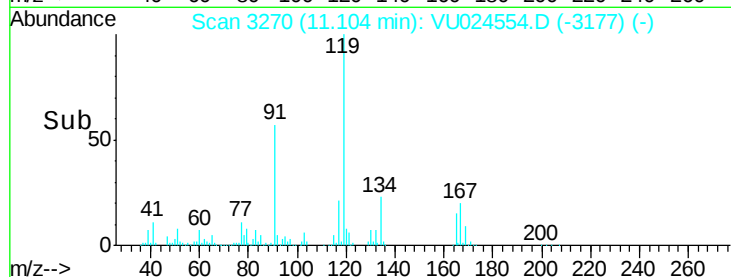
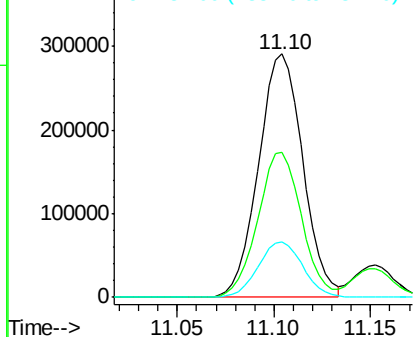
Tot Ion	Ratio	Resp	Lower	Upper
119	100	465296		
91	58.9	29.7	89.1	
134	22.9	11.6	34.7	

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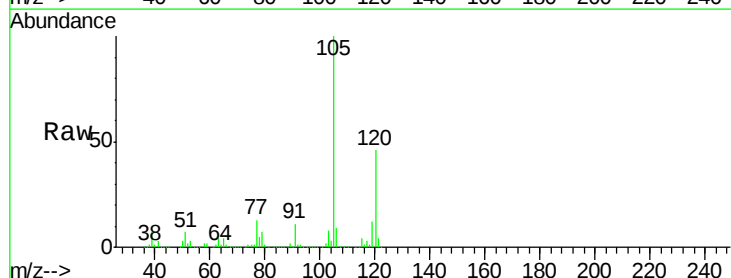


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

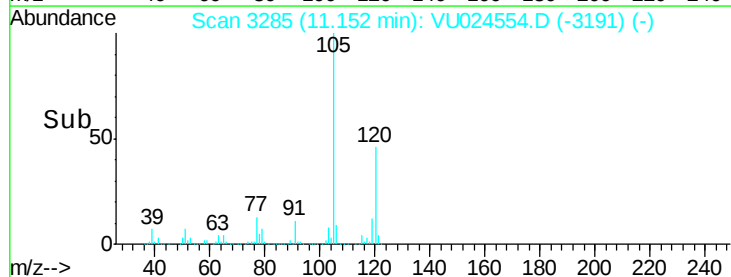
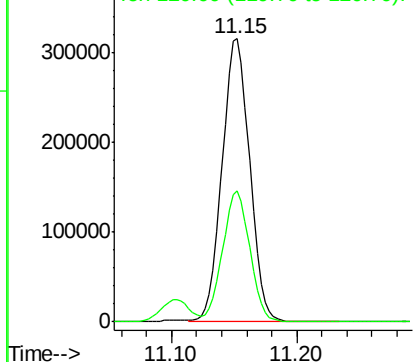


#84
1,2,4-Trimethylbenzene
Concen: 45.520 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	480456		
120	45.8	22.6	67.8	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.937 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion:105 Resp: 572864

Ion Ratio Lower Upper

105 100

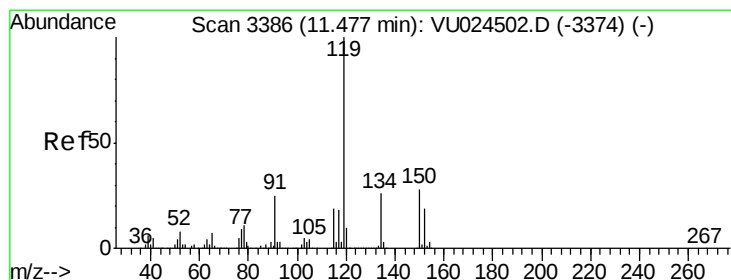
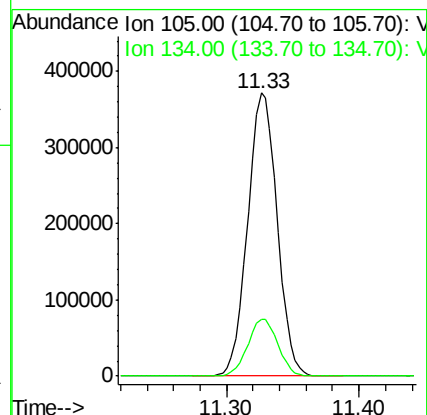
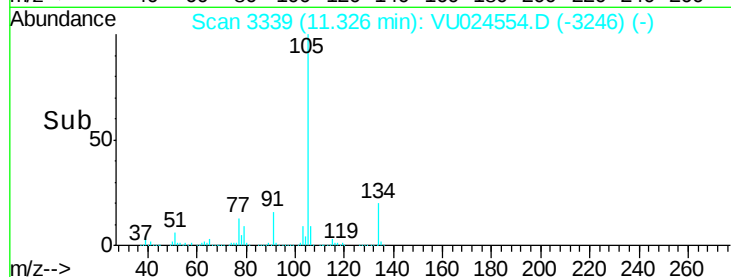
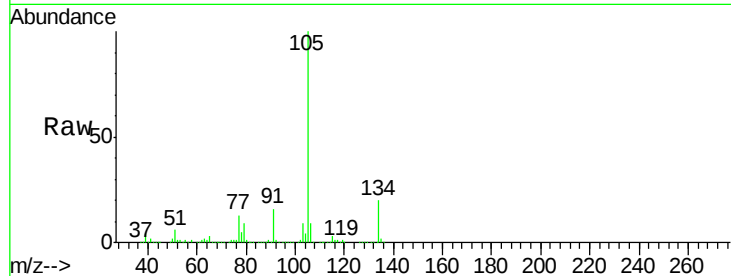
134 20.6 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 45.075 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

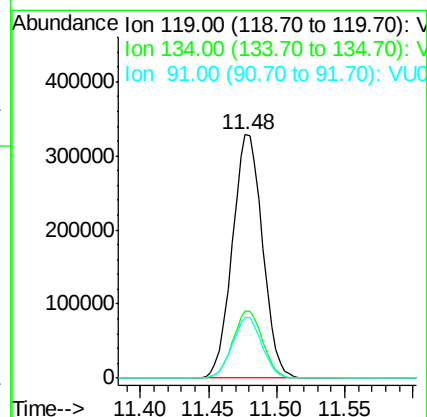
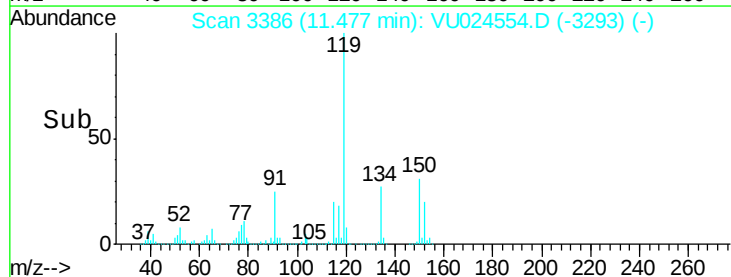
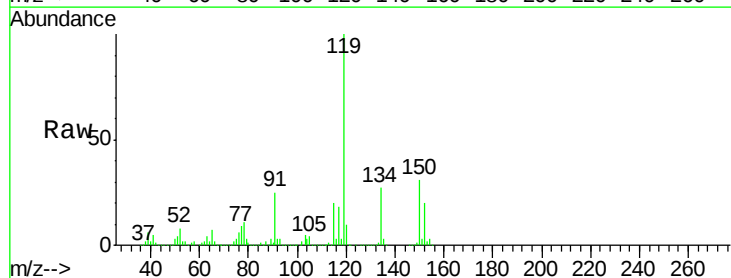
Tgt Ion:119 Resp: 503435

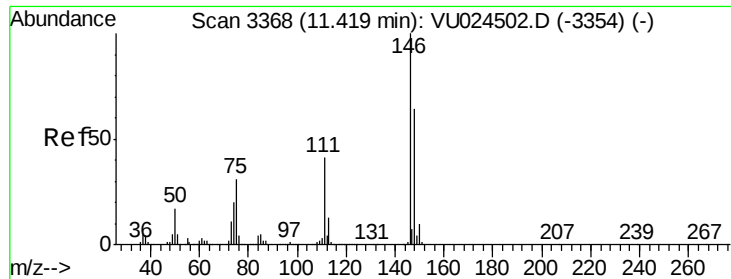
Ion Ratio Lower Upper

119 100

134 27.3 12.9 38.6

91 24.4 12.0 36.1





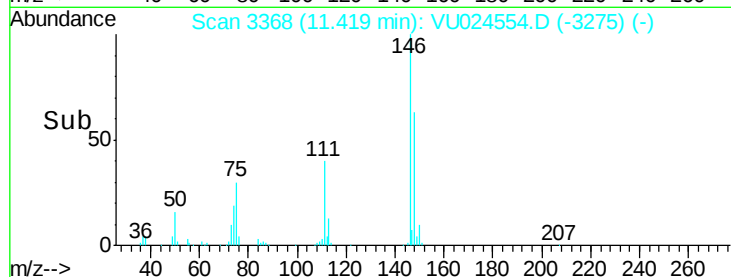
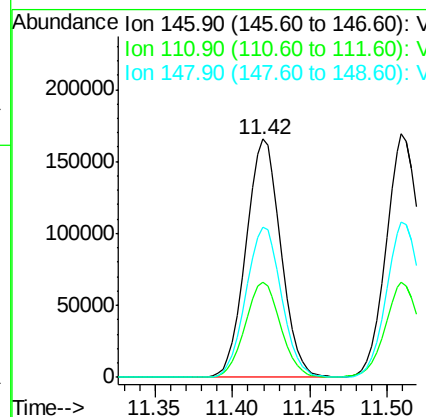
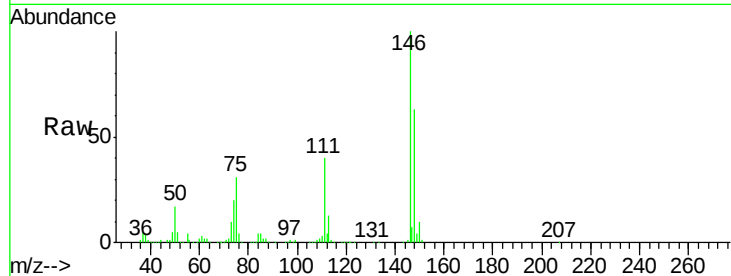
#87
 1,3-Dichlorobenzene
 Concen: 46.481 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	64.4	32.1	96.5

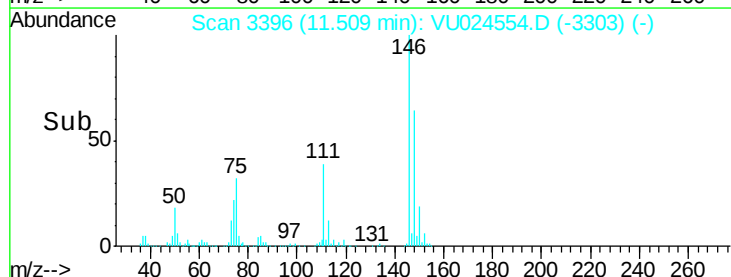
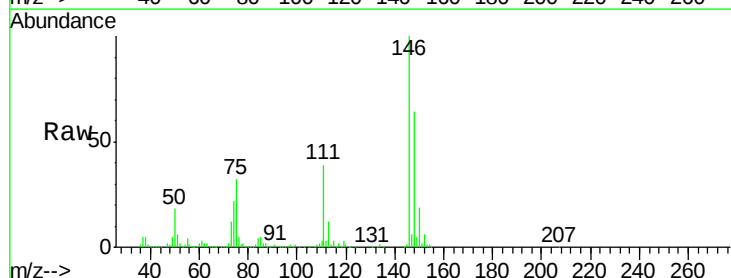
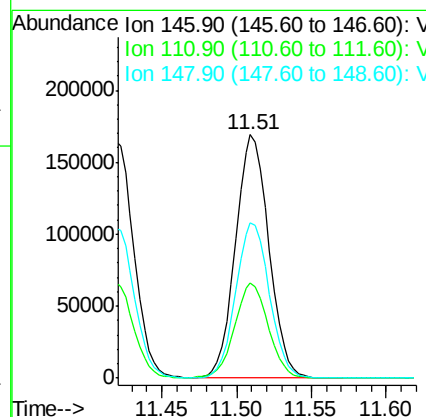
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#88
 1,4-Dichlorobenzene
 Concen: 46.568 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	64.4	32.4	97.0





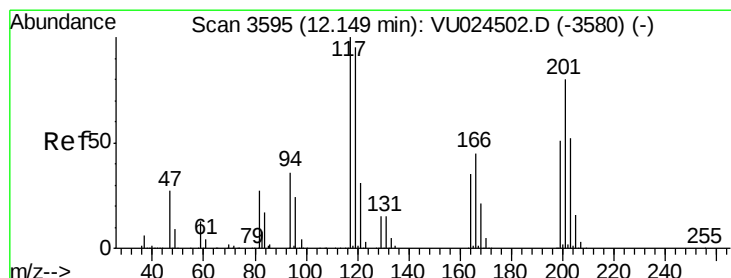
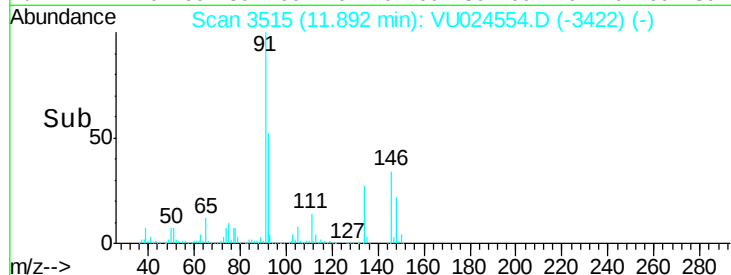
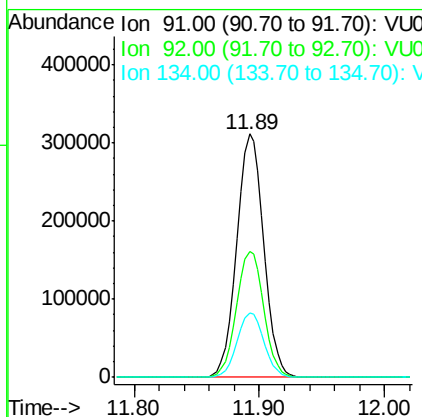
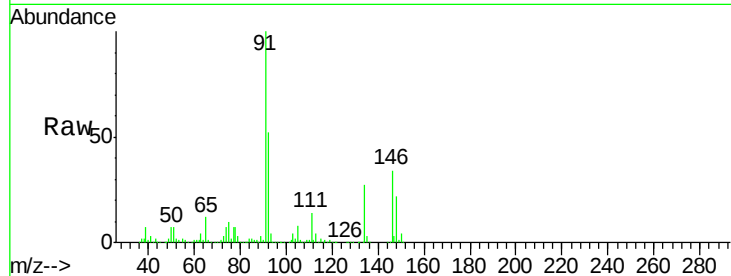
#89
n-Butylbenzene
Concen: 46.781 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.6	76.8
134	26.6	12.3	36.8

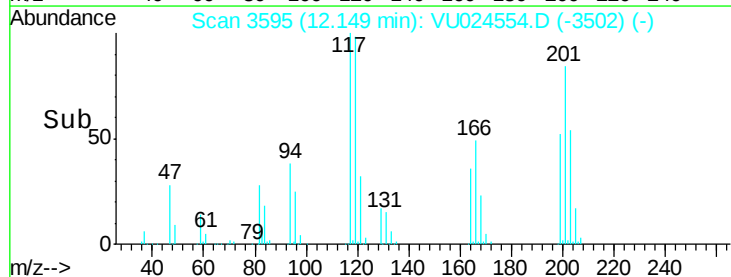
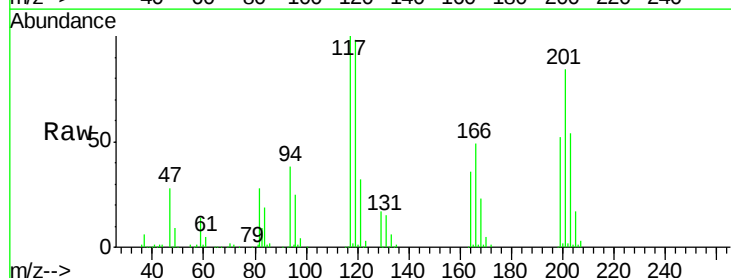
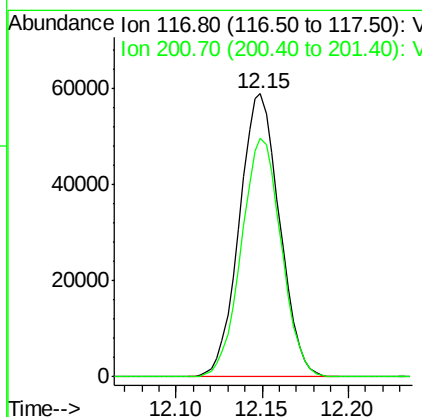
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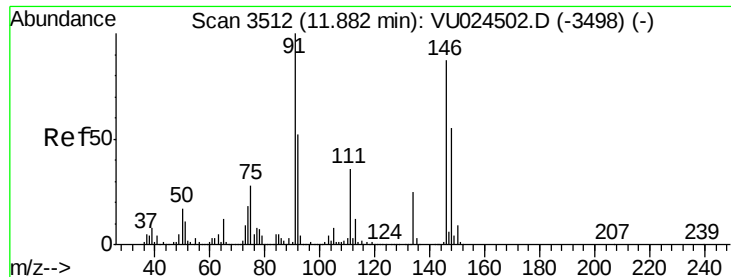
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#90
Hexachloroethane
Concen: 43.856 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024554.D
Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.5	41.1	123.3





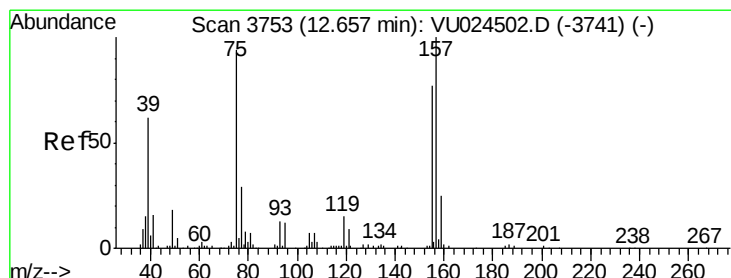
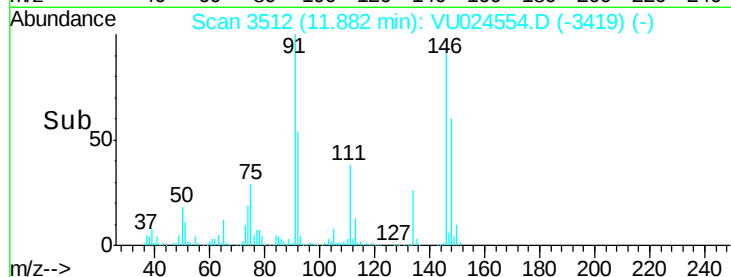
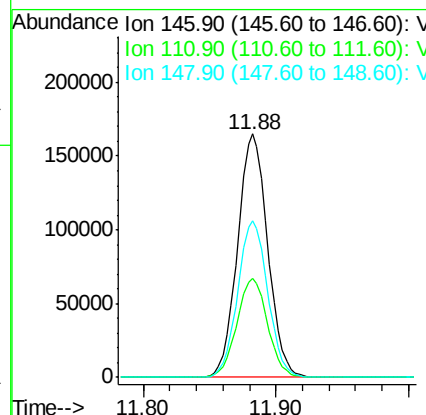
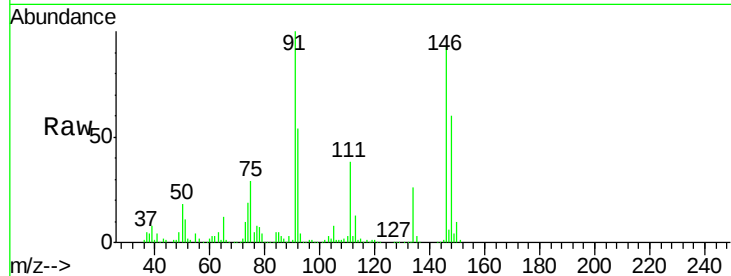
#91
 1,2-Dichlorobenzene
 Concen: 46.411 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.6
148	64.3	31.9	95.7

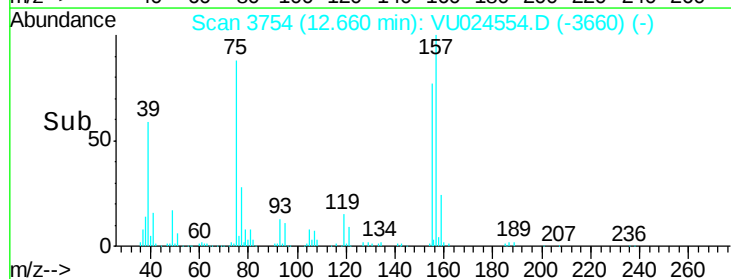
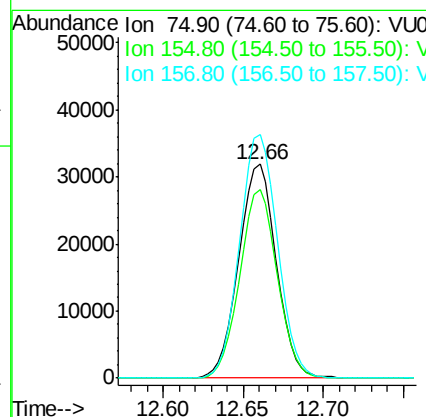
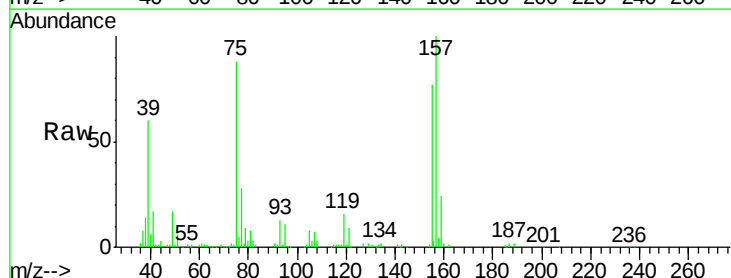
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.168 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	40.4	121.2
157	114.7	52.3	156.8





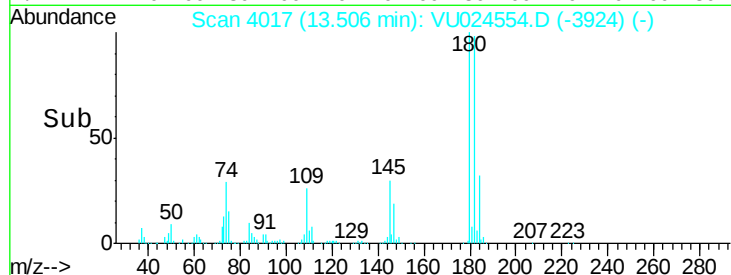
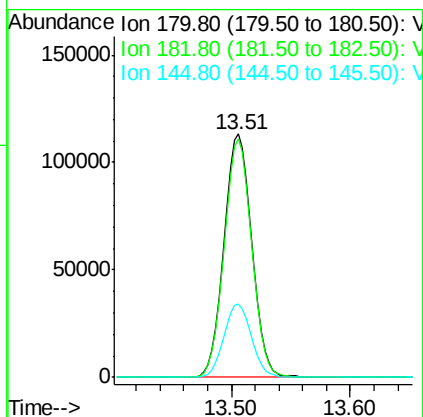
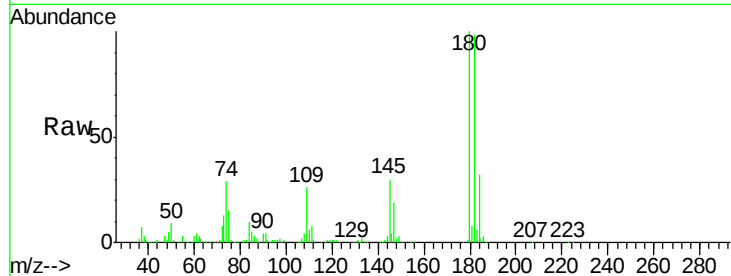
#93
 1,2,4-Trichlorobenzene
 Concen: 52.961 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	183084		
182	96.7	48.0	144.2	
145	29.9	14.7	44.1	

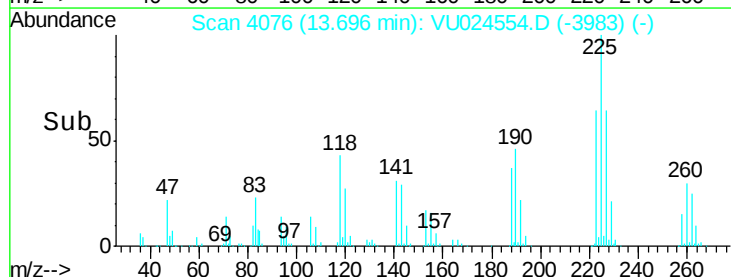
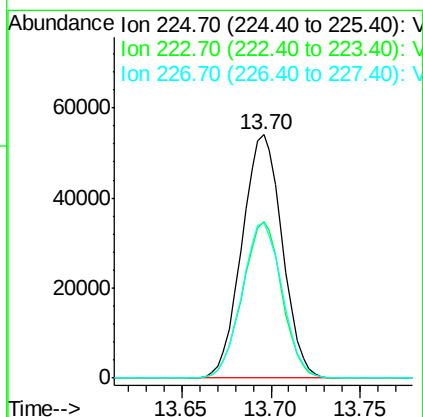
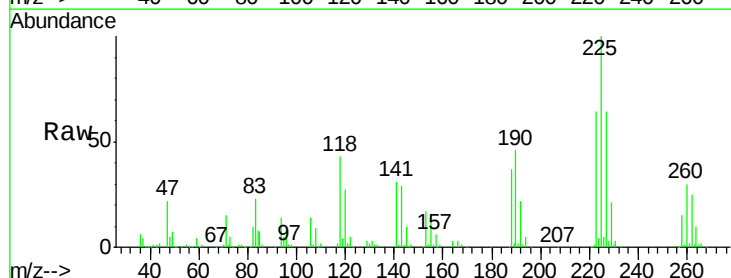
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#94
 Hexachlorobutadiene
 Concen: 43.732 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024554.D
 Acq: 14 Jun 2018 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85092		
223	62.7	31.3	93.8	
227	63.8	31.8	95.4	





#95

Naphthalene

Concen: 51.275 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Instrument :

MSVOA_U

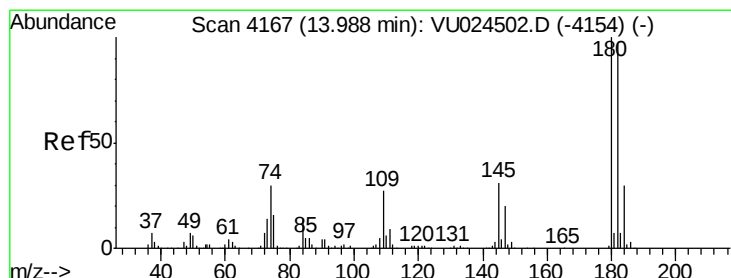
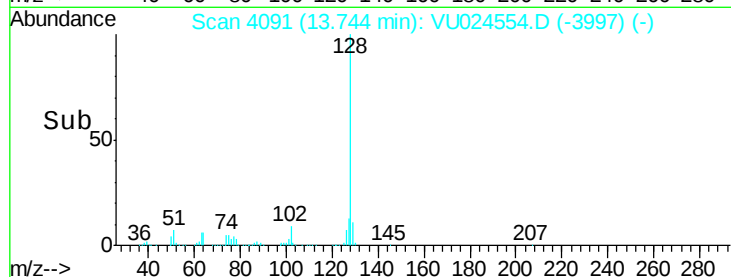
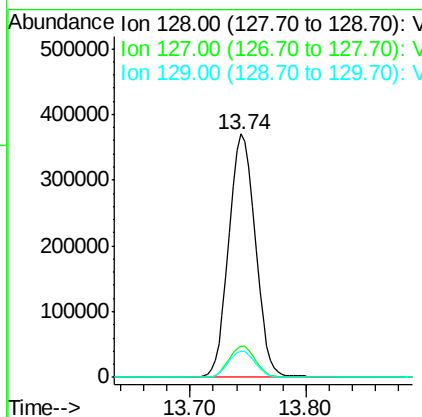
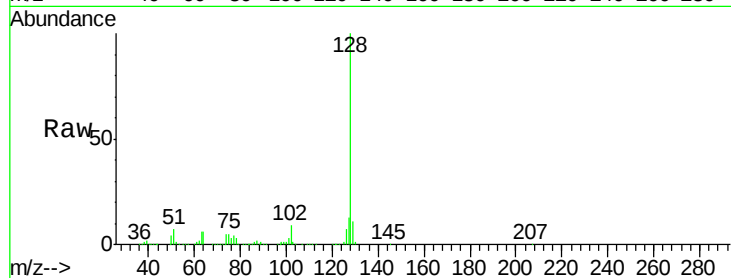
ClientSampleId :

T3-MW-5-9.0-061118MSD

Tot Ion:	128	Resp:	587000
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.7	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 53.968 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024554.D

Acq: 14 Jun 2018 20:45

Tgt Ion:	180	Resp:	185898
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.9	143.7
145	31.2	15.4	46.1

