

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024559.D
 Acq On : 14 Jun 2018 23:26
 Operator : MD/SY
 Sample : VU0614WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS02

Manual Integrations
 APPROVED

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 6/15/2018 3:29:23 PM

Quant Time: Jun 15 05:25:33 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	168144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267034	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149591	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	127825	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
35) Dibromofluoromethane	4.89	113	111884	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	7.57	98	411781	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	10.31	95	156872	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	36432	17.310	ug/l	97
3) Chloromethane	1.33	50	41052	19.092	ug/l	97
4) Vinyl Chloride	1.41	62	43450	19.594	ug/l	99
5) Bromomethane	1.63	94	24028	22.415	ug/l	98
6) Chloroethane	1.70	64	25605	20.033	ug/l	99
7) Trichlorofluoromethane	1.89	101	64698	19.118	ug/l	99
8) Diethyl Ether	2.10	74	25067	20.662	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	36944	17.597	ug/l	98
10) Methyl Iodide	2.42	142	25940	18.344	ug/l	95
11) Tert butyl alcohol	2.82	59	53504	80.143	ug/l	100
12) 1,1-Dichloroethene	2.29	96	35399	18.489	ug/l	92
13) Acrolein	2.20	56	26549	75.729	ug/l	96
14) Allyl chloride	2.60	41	60558	17.035	ug/l	91
15) Acrylonitrile	2.94	53	126357	97.280	ug/l	97
16) Acetone	2.32	43	103327	70.058	ug/l	95
17) Carbon Disulfide	2.48	76	112811	18.402	ug/l	99
18) Methyl Acetate	2.62	43	60171	19.030	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	133070	18.490	ug/l	98
20) Methylene Chloride	2.71	84	42313	18.284	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	39596	18.777	ug/l	94
22) Diisopropyl ether	3.57	45	132116	18.748	ug/l	89
23) Vinyl Acetate	3.53	43	589362	93.363	ug/l	97
24) 1,1-Dichloroethane	3.45	63	76531	18.878	ug/l	99
25) 2-Butanone	4.27	43	175131	88.401	ug/l	95
26) 2,2-Dichloropropane	4.23	77	53962	14.018	ug/l	93
27) cis-1,2-Dichloroethene	4.23	96	47074	19.418	ug/l	93
28) Bromochloromethane	4.55	49	37115	20.786	ug/l	85
29) Tetrahydrofuran	4.64	42	115013	93.748	ug/l	96
30) Chloroform	4.68	83	77929	18.992	ug/l	99
31) Cyclohexane	5.00	56	71736	18.691	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	68149	17.961	ug/l	95
36) 1,1-Dichloropropene	5.14	75	56374	17.966	ug/l	96
37) Ethyl Acetate	4.38	43	65797	19.239	ug/l #	94
38) Carbon Tetrachloride	5.14	117	62180	18.020	ug/l	99

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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	70292	17.951	ug/l	91
40) Benzene	5.39	78	168443	18.839	ug/l	98
41) Methacrylonitrile	4.54	41	35454	19.227	ug/l	95
42) 1,2-Dichloroethane	5.41	62	58963	17.315	ug/l	96
43) Isopropyl Acetate	5.55	43	107585	18.199	ug/l	98
44) Trichloroethene	6.19	130	46023	18.086	ug/l	99
45) 1,2-Dichloropropane	6.44	63	46472	19.479	ug/l	93
46) Dibromomethane	6.56	93	32609	19.459	ug/l	96
47) Bromodichloromethane	6.76	83	62281	18.664	ug/l	99
48) Methyl methacrylate	6.63	41	52377	18.195	ug/l	98
49) 1,4-Dioxane	6.62	88	18408	326.989	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	353405	95.154	ug/l	99
52) Toluene	7.64	92	107885	18.755	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	66376	17.713	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	70898	17.755	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	42923	18.357	ug/l	99
56) Ethyl methacrylate	8.02	69	71914	18.375	ug/l	99
57) 1,3-Dichloropropane	8.25	76	73864	18.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	142492	95.035	ug/l	96
59) 2-Hexanone	8.36	43	276831	91.299	ug/l	99
60) Dibromochloromethane	8.48	129	51847	17.781	ug/l	100
61) 1,2-Dibromoethane	8.59	107	48769	18.739	ug/l	98
64) Tetrachloroethene	8.23	164	42405	17.602	ug/l	97
65) Chlorobenzene	9.12	112	123118	19.016	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	46340	18.839	ug/l	98
67) Ethyl Benzene	9.25	91	211691	18.651	ug/l	97
68) m/p-Xylenes	9.38	106	163336	37.476	ug/l	97
69) o-Xylene	9.78	106	82787	19.193	ug/l	92
70) Styrene	9.80	104	133636	18.853	ug/l	100
71) Bromoform	9.96	173	42163	18.034	ug/l #	98
73) Isopropylbenzene	10.17	105	211176	18.387	ug/l	98
74) N-amyl acetate	10.01	43	98913	18.107	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	74473	19.350	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	63752m	19.357	ug/l	
77) Bromobenzene	10.46	156	56058	19.280	ug/l	95
78) n-propylbenzene	10.59	91	250373	18.506	ug/l	98
79) 2-Chlorotoluene	10.66	91	145404	18.225	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	180608	18.143	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	23029m	16.183	ug/l	
82) 4-Chlorotoluene	10.78	91	171359	18.453	ug/l	98
83) tert-Butylbenzene	11.10	119	179213	18.716	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	184966	18.233	ug/l	98
85) sec-Butylbenzene	11.33	105	220686	18.412	ug/l	98
86) p-Isopropyltoluene	11.48	119	191145	17.806	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	99283	18.482	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	101119	18.703	ug/l	99
89) n-Butylbenzene	11.89	91	174312	18.290	ug/l	97
90) Hexachloroethane	12.15	117	36952	17.646	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	99839	18.556	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18409	17.335	ug/l	88

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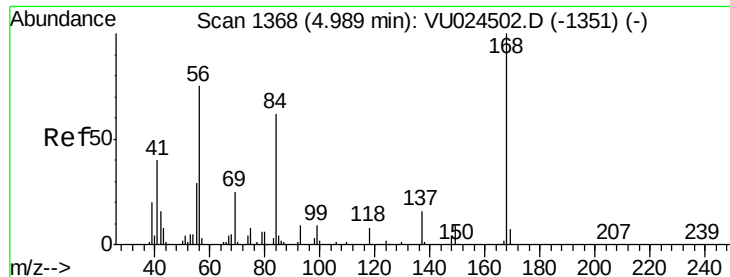
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	65783	19.799	ug/l	99
94) Hexachlorobutadiene	13.70	225	33461	17.892	ug/l	98
95) Naphthalene	13.75	128	205601	19.117	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	67805	20.480	ug/l	98

(#) = 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: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion:168 Resp: 168144

Ion Ratio Lower Upper

168 100

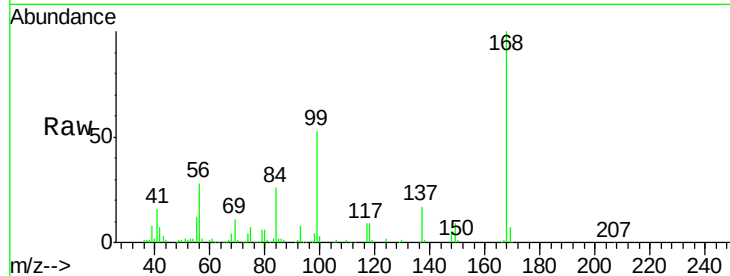
99 53.0 43.2 64.8

Manual Integrations

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

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

4.99

80000

60000

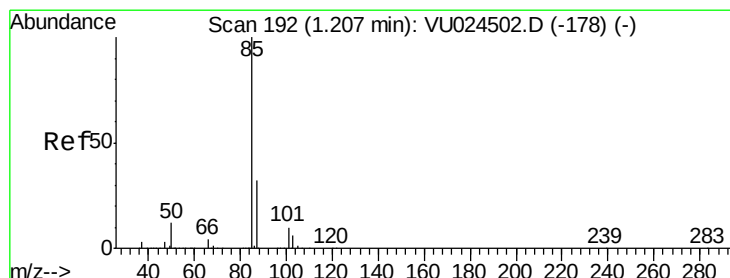
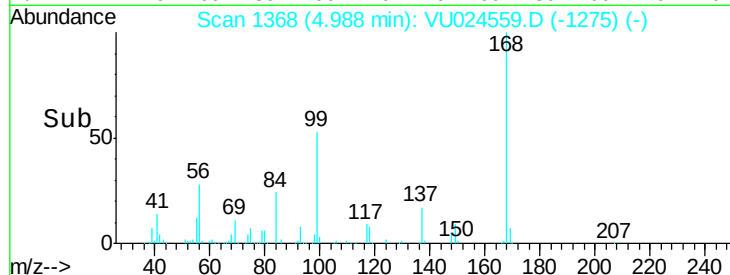
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.310 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024559.D

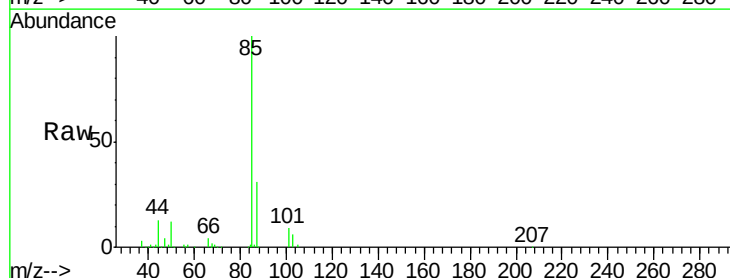
Acq: 14 Jun 2018 23:26

Tgt Ion: 85 Resp: 36432

Ion Ratio Lower Upper

85 100

87 30.6 16.1 48.2



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

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

1.21

40000

30000

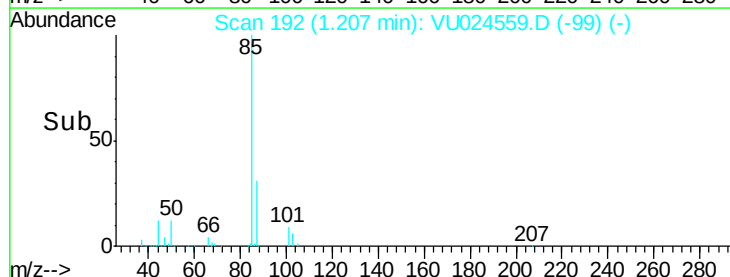
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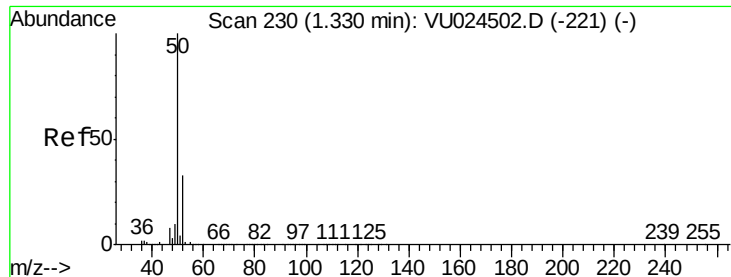
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.092 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion: 50 Resp: 41052

Ion Ratio Lower Upper

50 100

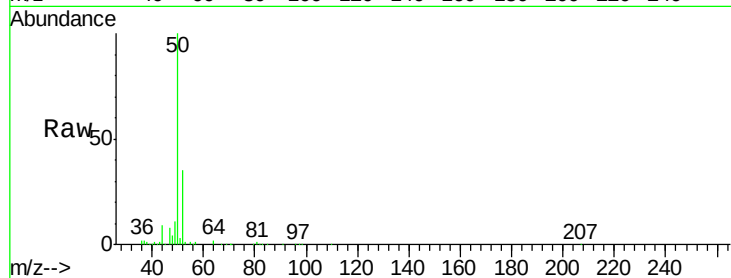
52 34.5 26.4 39.6

Manual Integrations

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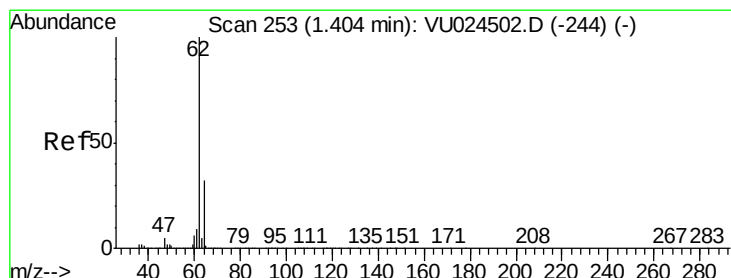
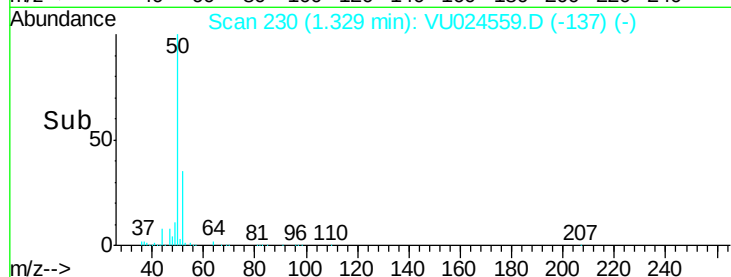
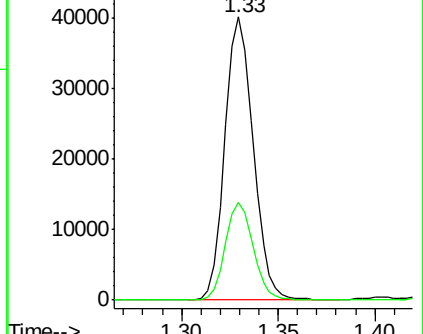
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 19.594 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024559.D

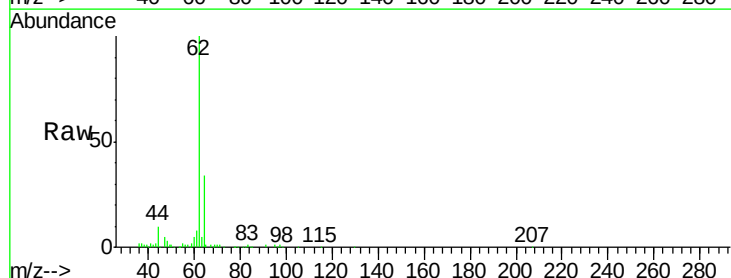
Acq: 14 Jun 2018 23:26

Tgt Ion: 62 Resp: 43450

Ion Ratio Lower Upper

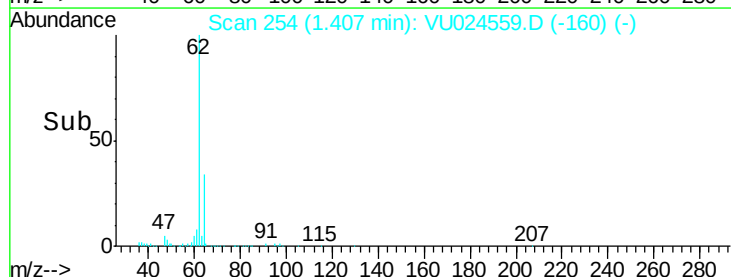
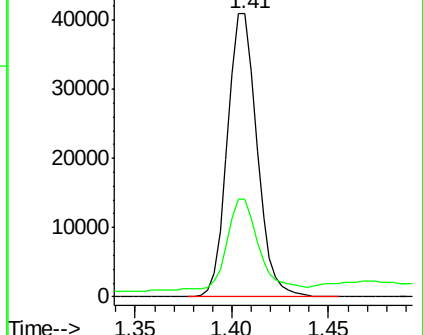
62 100

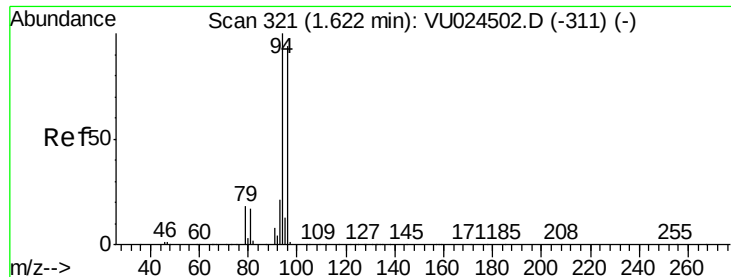
64 31.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 22.415 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion: 94 Resp: 24028

Ion Ratio Lower Upper

94 100

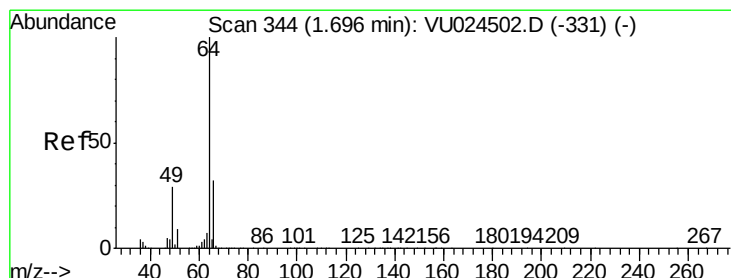
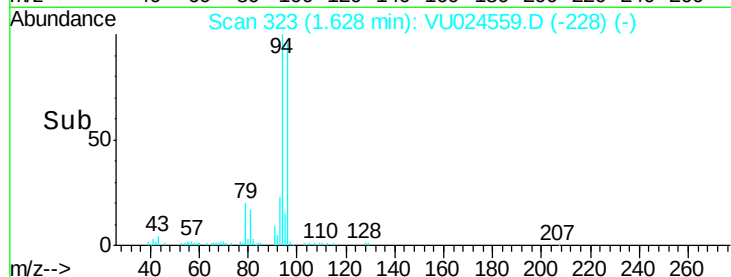
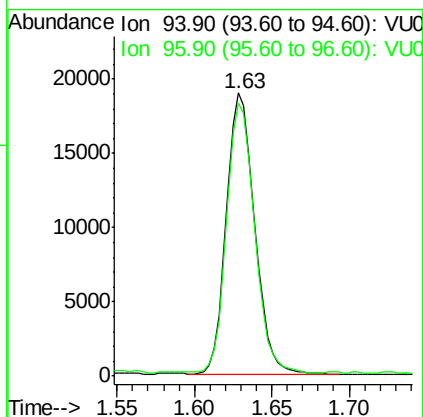
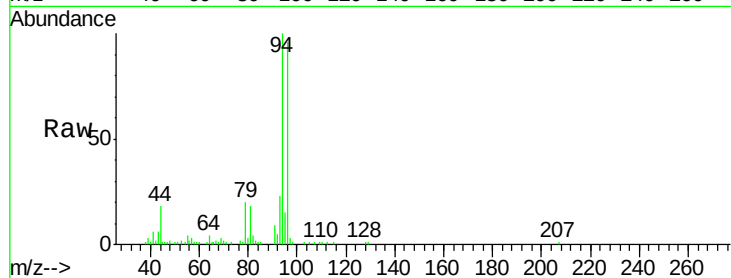
96 95.4 74.5 111.7

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#6

Chloroethane

Concen: 20.033 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024559.D

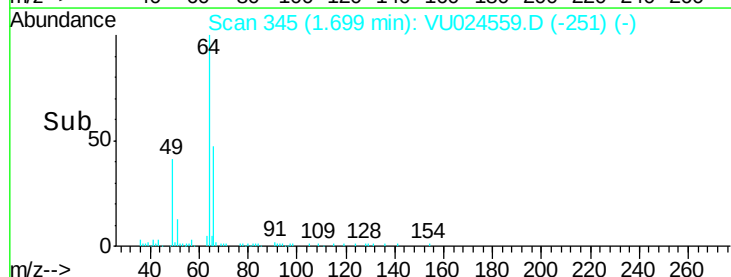
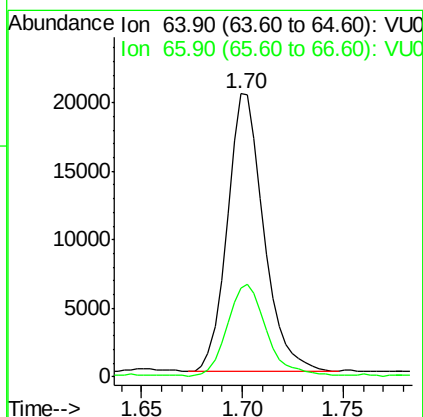
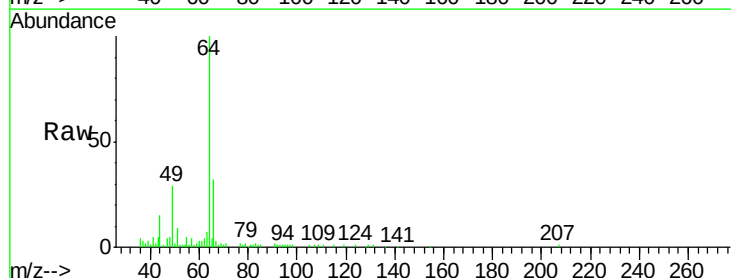
Acq: 14 Jun 2018 23:26

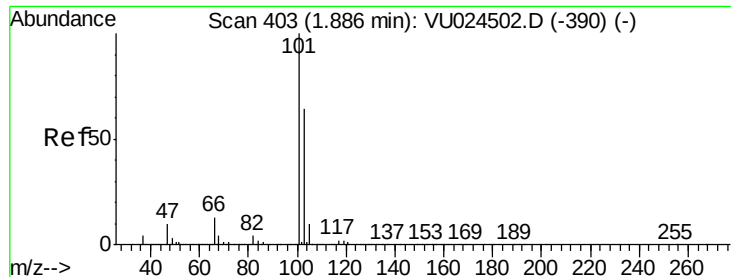
Tgt Ion: 64 Resp: 25605

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

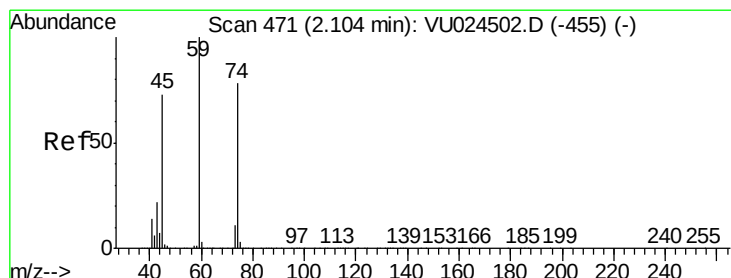
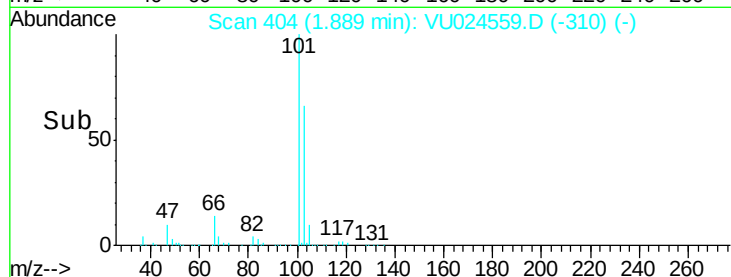
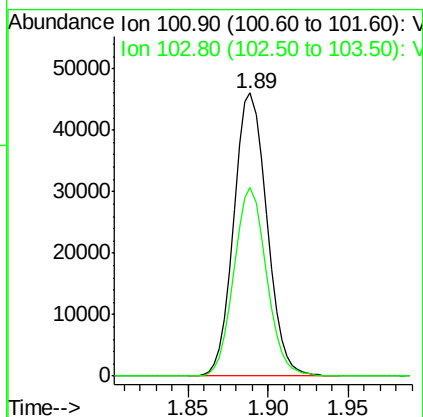
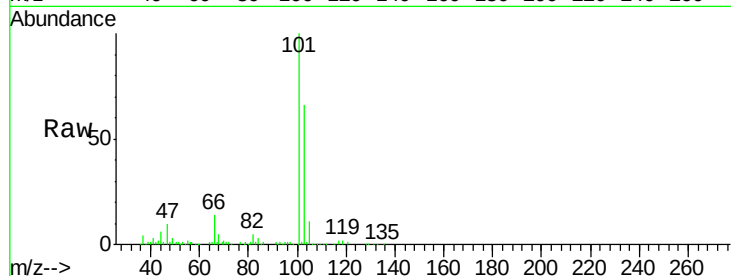
Trichlorofluoromethane
Concen: 19.118 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
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ClientSampleId :
VU0614WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	52.3	78.5

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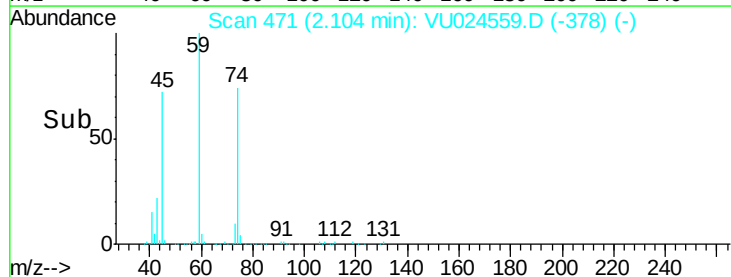
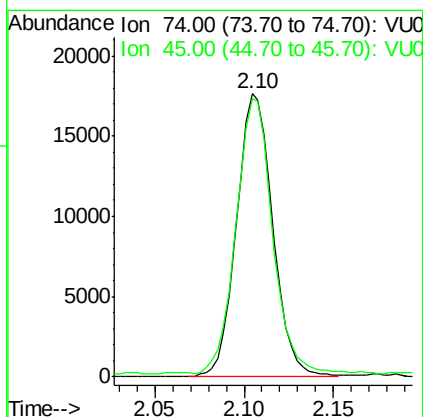
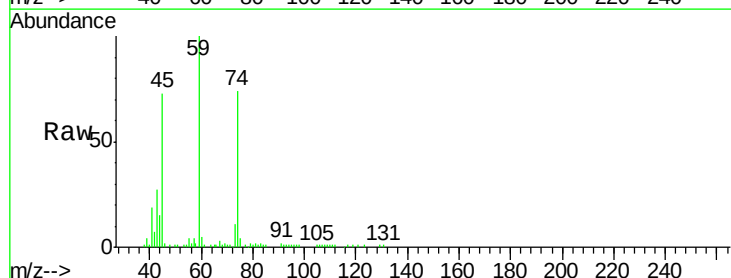
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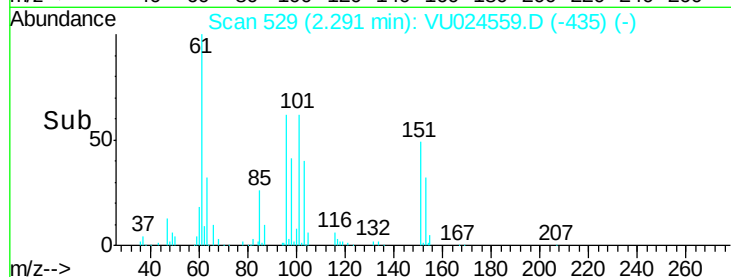
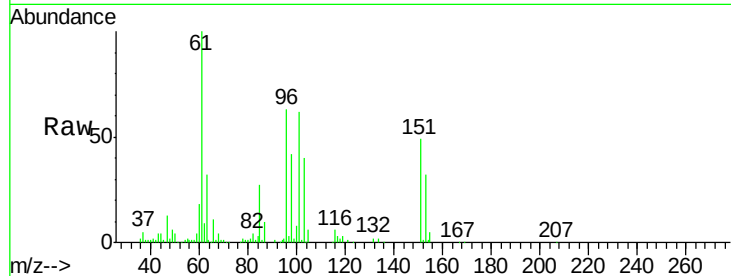
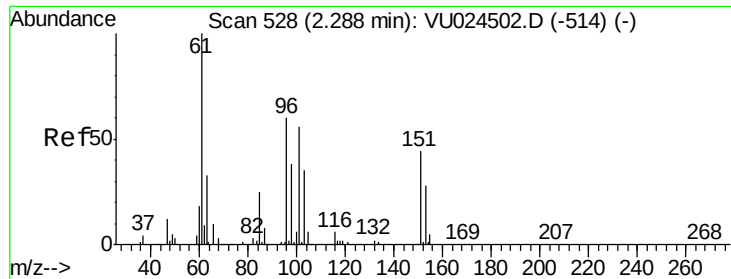


#8

Diethyl Ether
Concen: 20.662 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.597 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024559.D

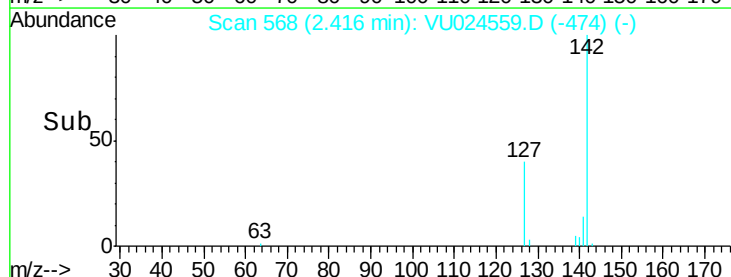
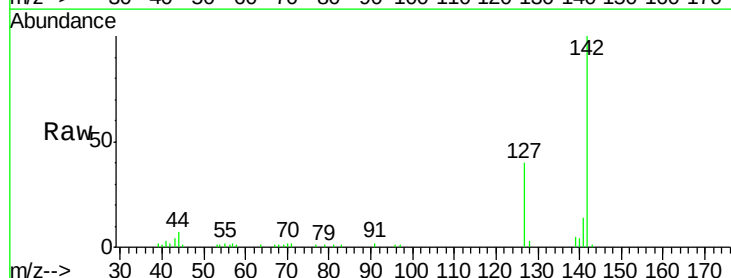
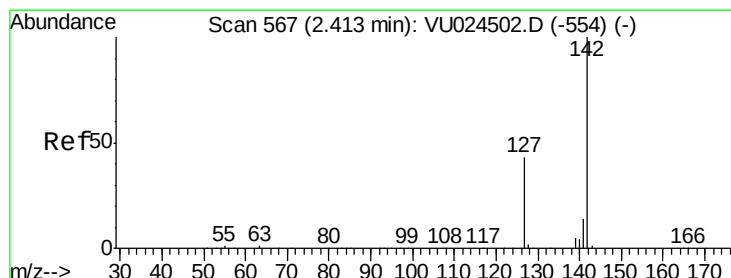
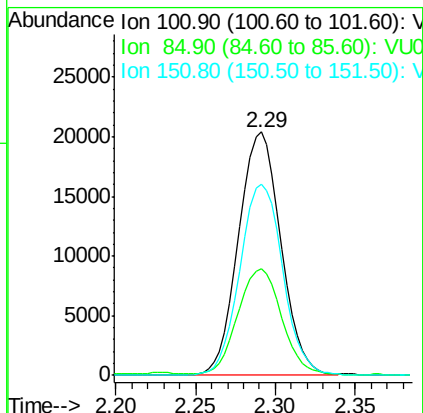
Acq: 14 Jun 2018 23:26

Tot Ion:	101	Resp:	36944
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.0	54.0
151	79.6	62.3	93.5

Instrument :
MSVOA_U
ClientSampled :
VU0614WBS02

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#10

Methyl Iodide

Concen: 18.344 ug/l

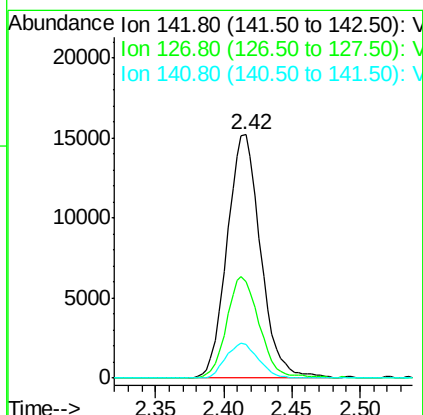
RT: 2.42 min Scan# 568

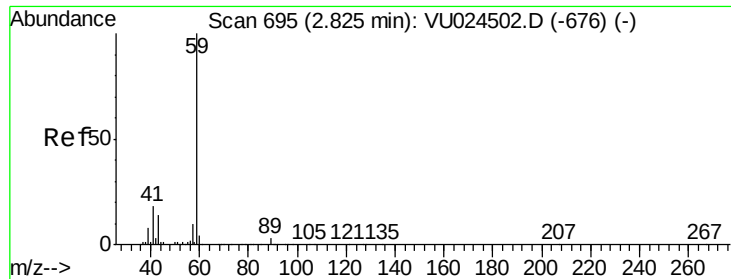
Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	142	Resp:	25940
Ion Ratio	Lower	Upper	
142	100		
127	40.9	35.6	53.4
141	14.0	11.7	17.5





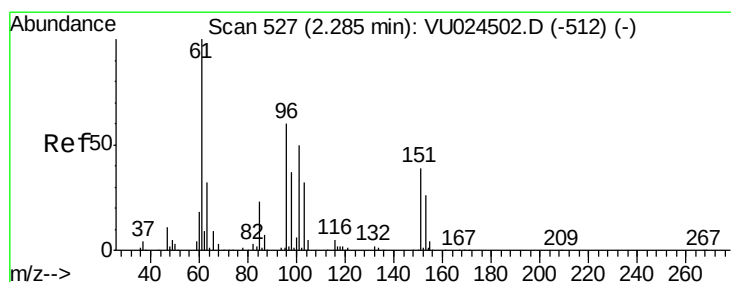
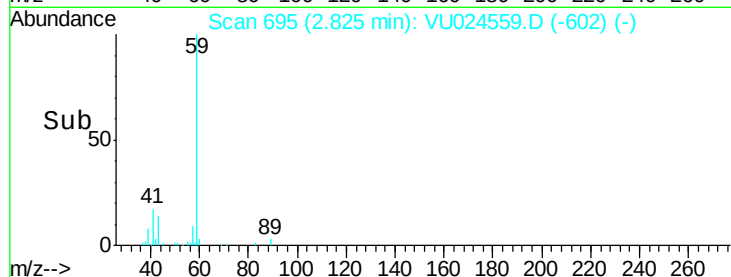
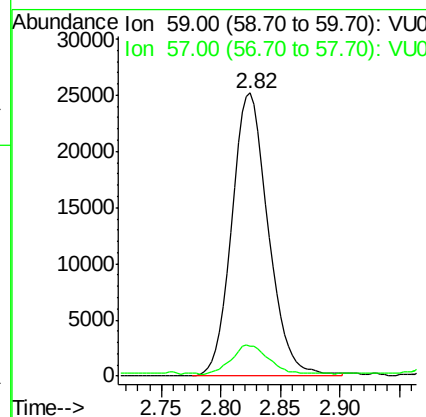
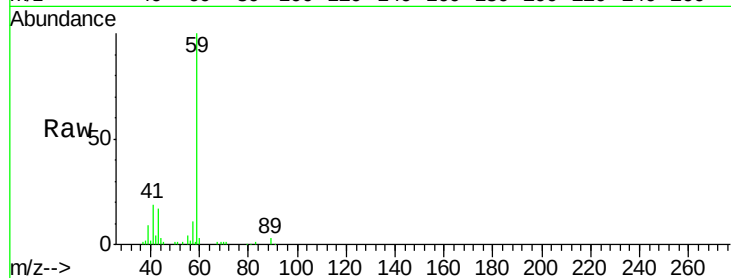
#11
Tert butyl alcohol
Concen: 80.143 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

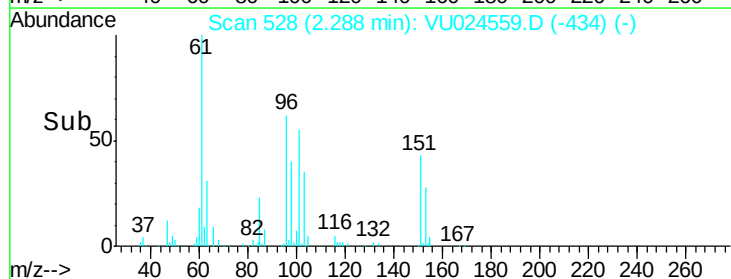
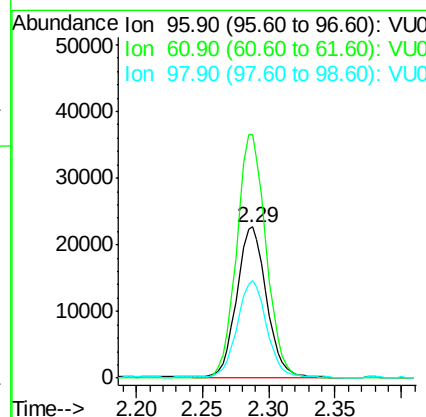
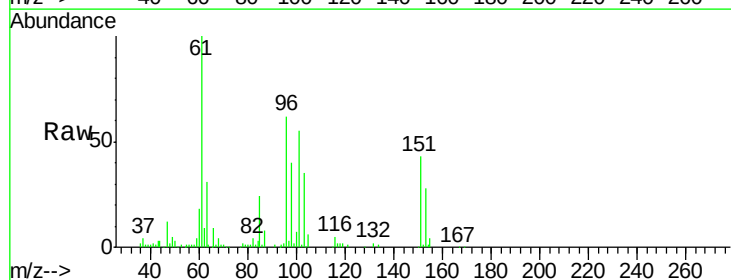
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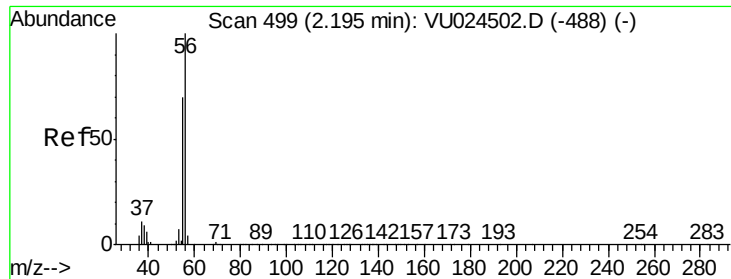
apatel
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#12
1,1-Dichloroethene
Concen: 18.489 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.5	141.7	212.5
98	64.4	51.6	77.4





#13

Acrolein

Concen: 75.729 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion: 56 Resp: 26549

Ion Ratio Lower Upper

56 100

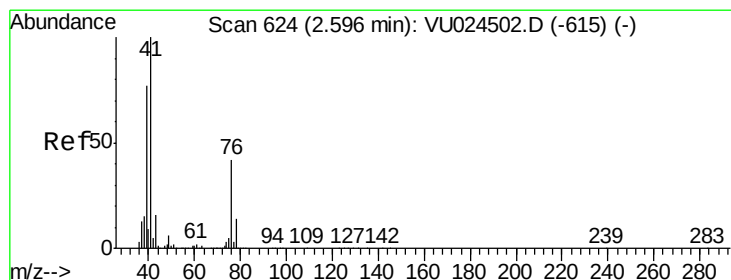
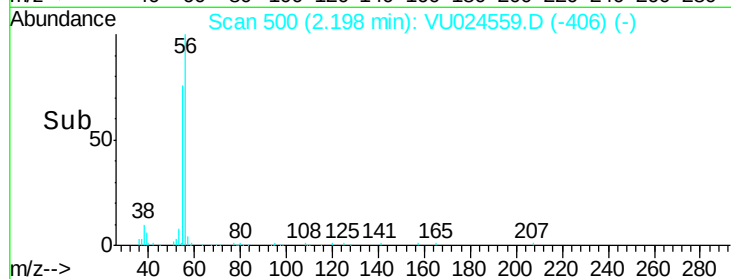
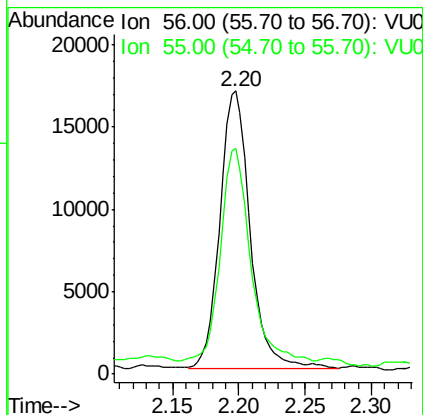
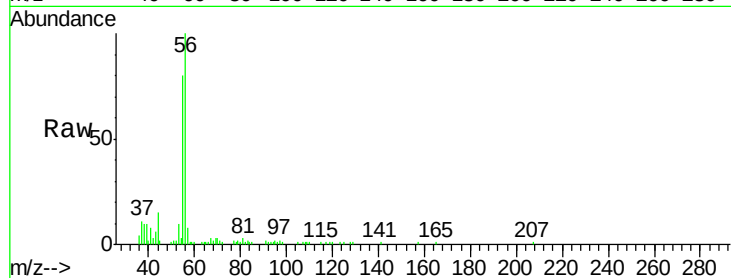
55 76.8 58.4 87.6

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#14

Allyl chloride

Concen: 17.035 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

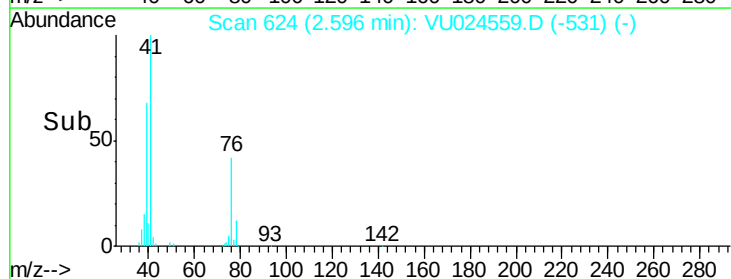
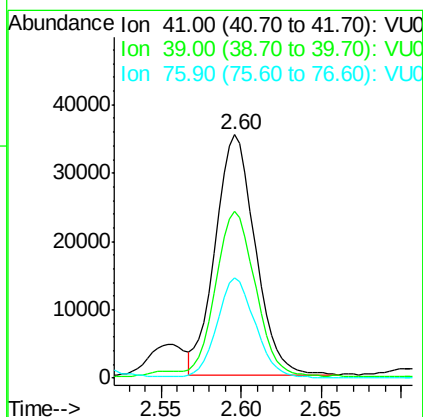
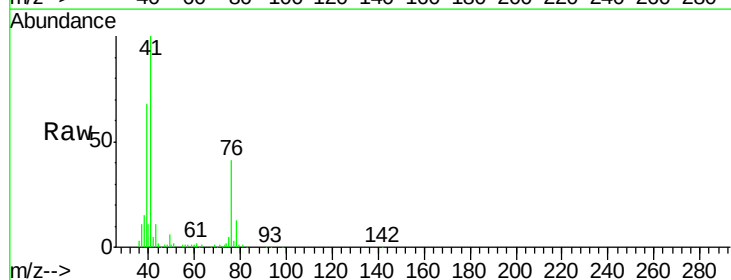
Tgt Ion: 41 Resp: 60558

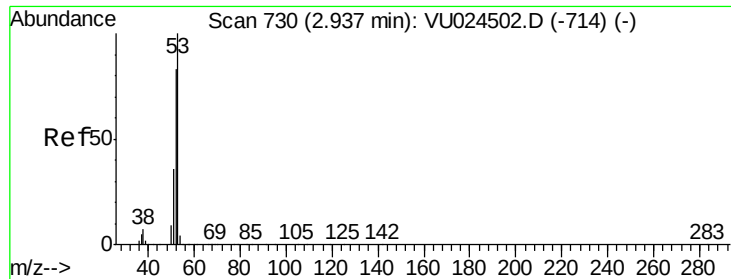
Ion Ratio Lower Upper

41 100

39 67.6 61.6 92.4

76 40.2 29.7 44.5





#15

Acrylonitrile

Concen: 97.280 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

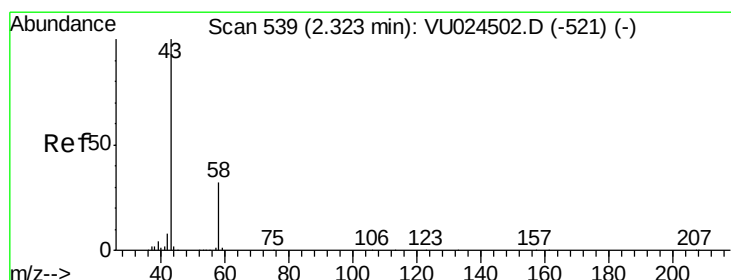
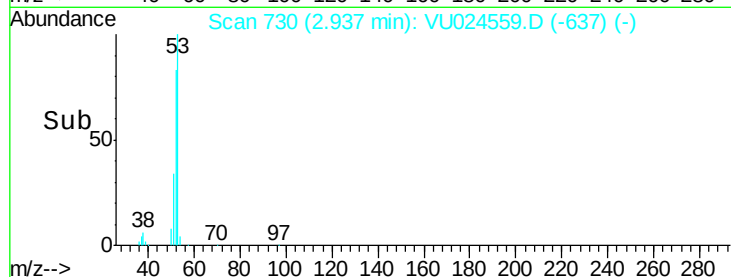
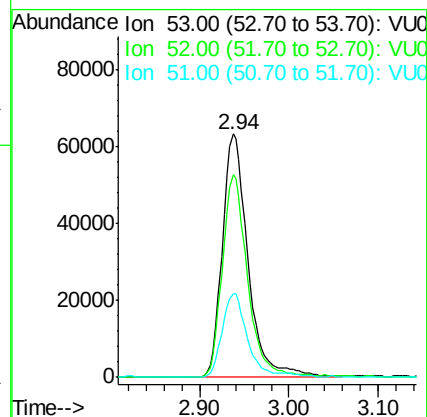
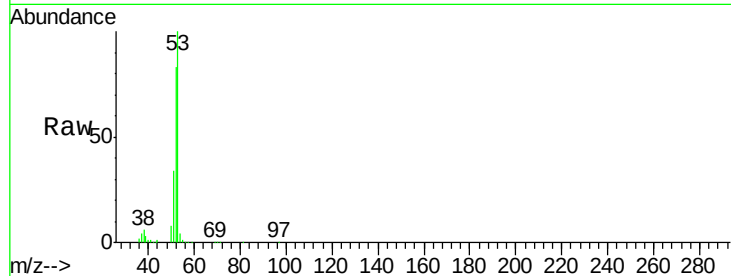
ClientSampleId :

VU0614WBS02

Tot Ion:	53	Resp:	126357
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.1	100.7
51	33.1	28.4	42.6

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#16

Acetone

Concen: 70.058 ug/l

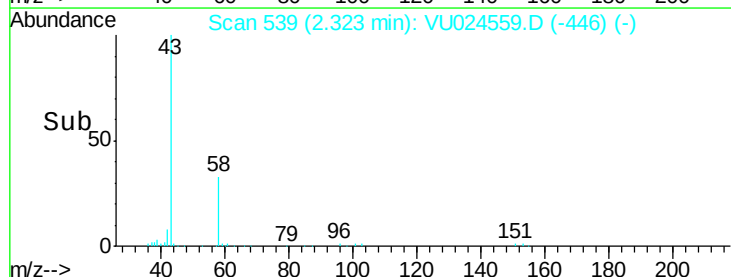
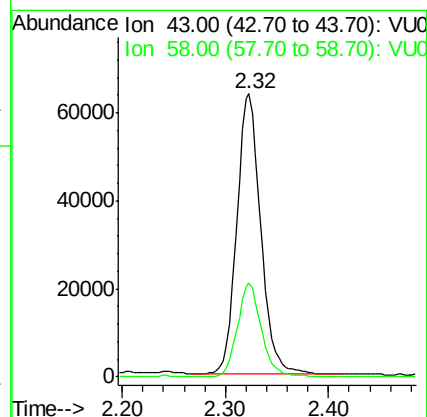
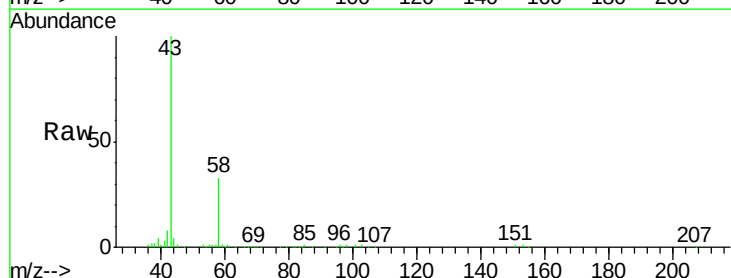
RT: 2.32 min Scan# 539

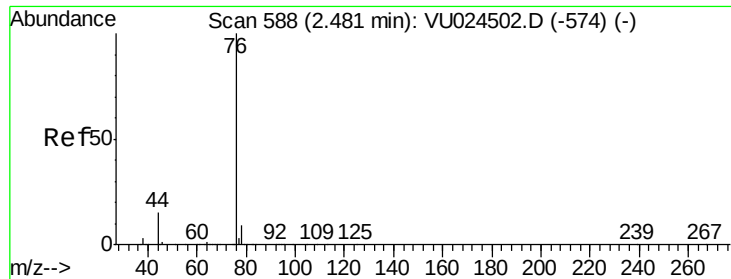
Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	43	Resp:	103327
Ion	Ratio	Lower	Upper
43	100		
58	33.3	24.4	36.6





#17

Carbon Disulfide

Concen: 18.402 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion: 76 Resp: 112811

Ion Ratio Lower Upper

76 100

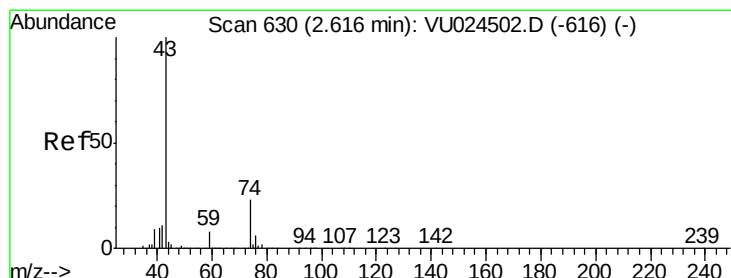
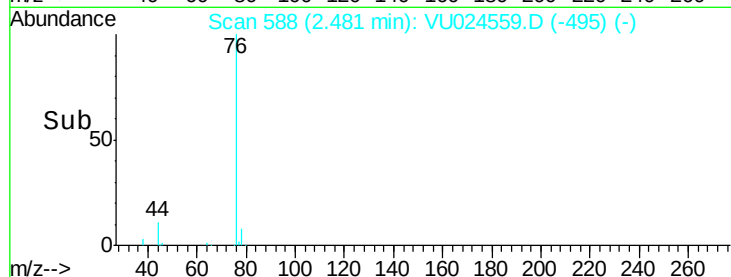
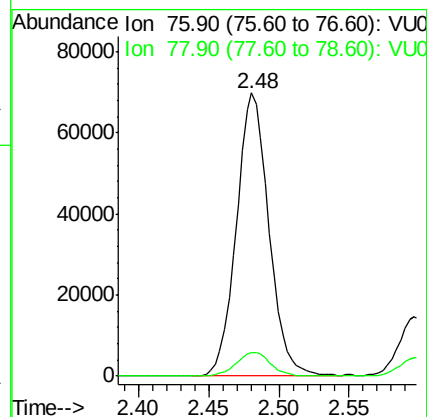
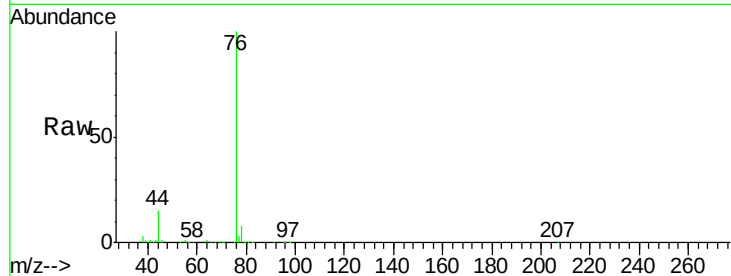
78 8.4 7.1 10.7

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#18

Methyl Acetate

Concen: 19.030 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU024559.D

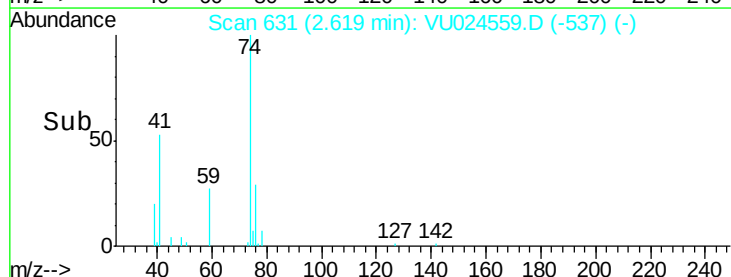
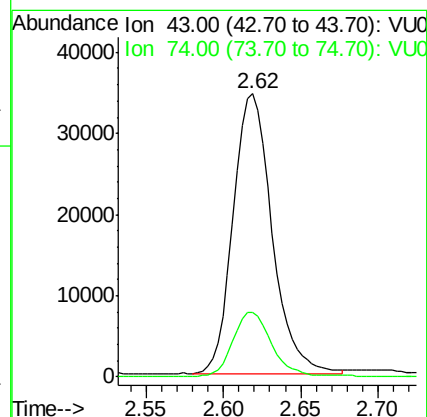
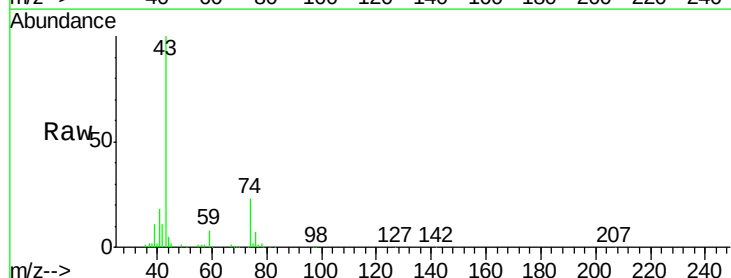
Acq: 14 Jun 2018 23:26

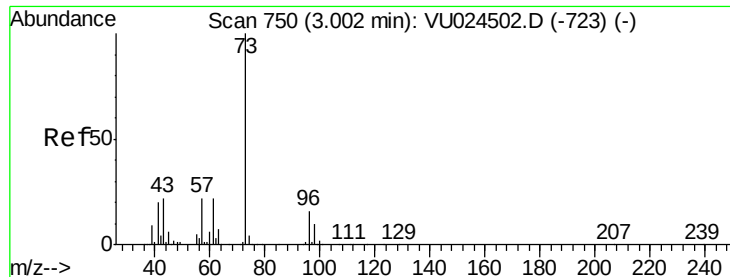
Tgt Ion: 43 Resp: 60171

Ion Ratio Lower Upper

43 100

74 23.4 18.0 27.0





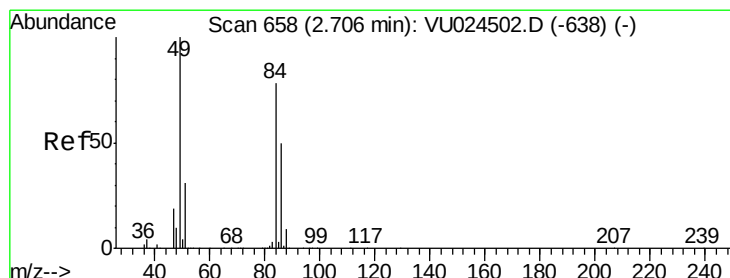
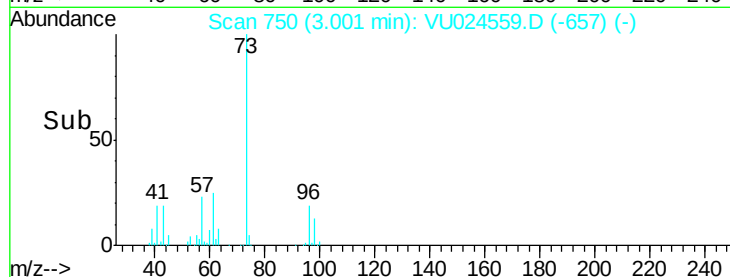
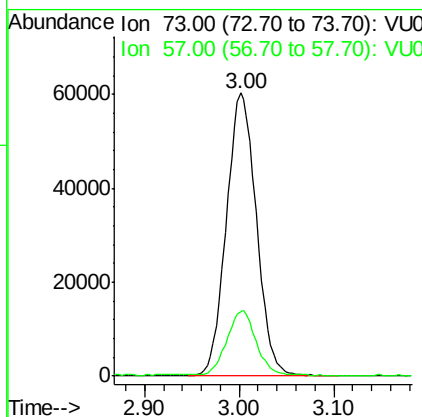
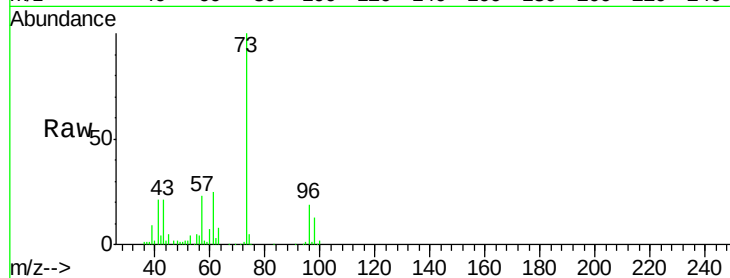
#19
Methyl tert-butyl Ether
Concen: 18.490 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.8	28.2

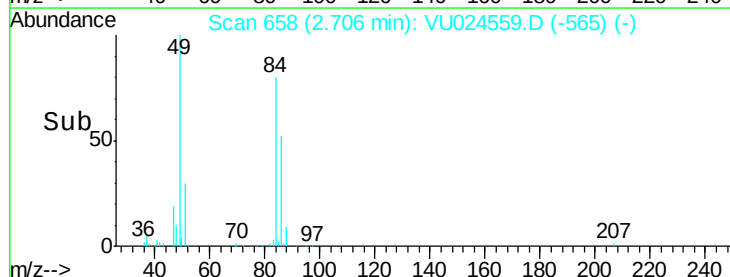
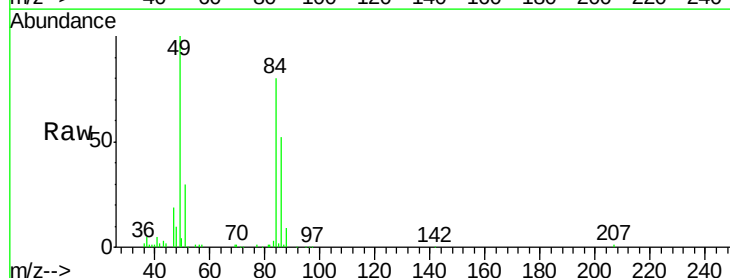
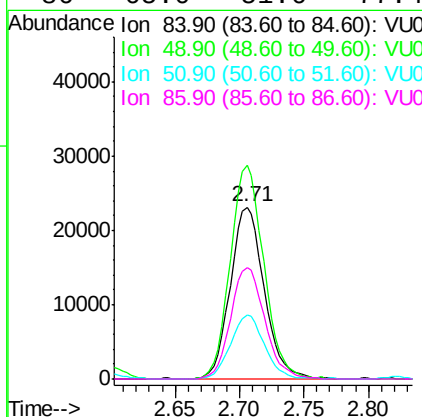
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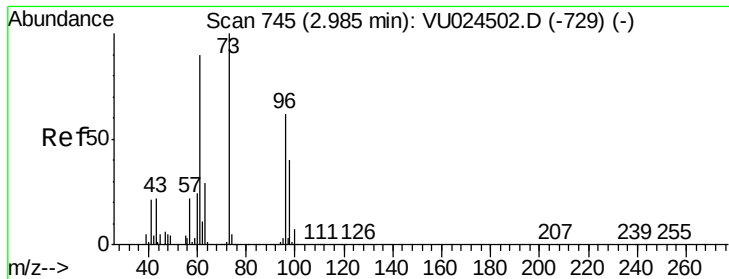
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#20
Methylene Chloride
Concen: 18.284 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	103.8	155.8
51	37.4	32.0	48.0
86	65.0	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 18.777 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

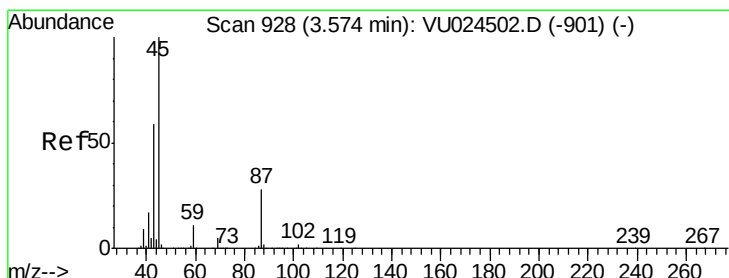
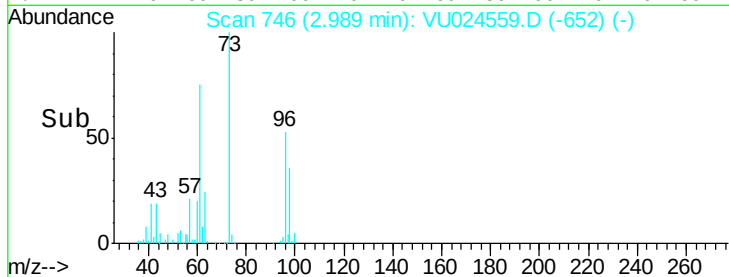
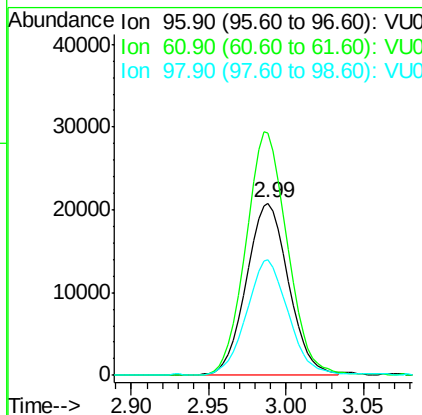
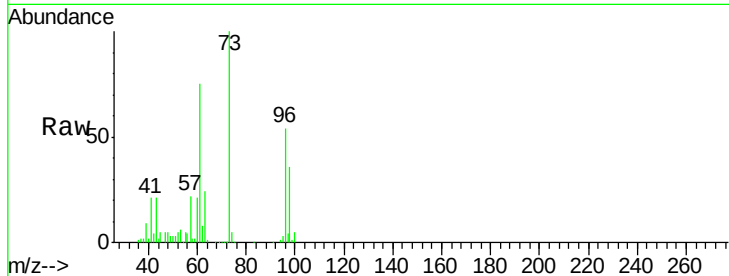
ClientSampleId :

VU0614WBS02

Tot Ion:	96	Resp:	39596
Ion	Ratio	Lower	Upper
96	100		
61	140.5	119.4	179.0
98	66.8	51.1	76.7

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#22

Diisopropyl ether

Concen: 18.748 ug/l

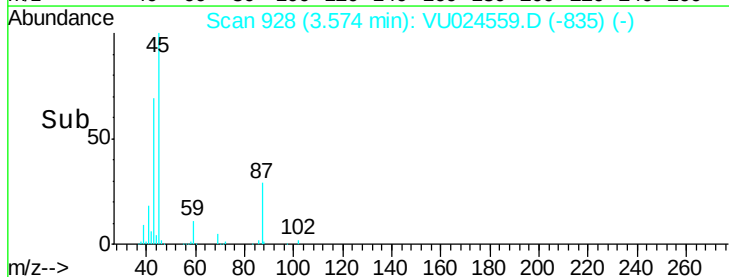
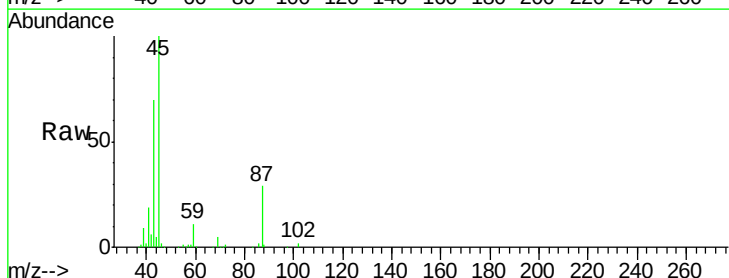
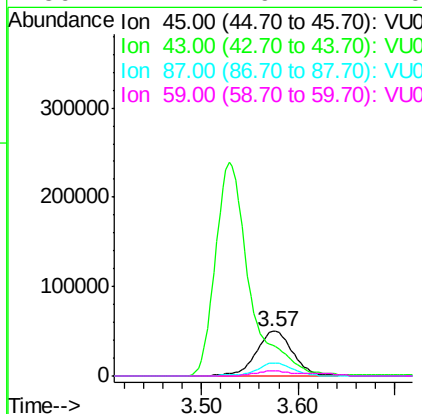
RT: 3.57 min Scan# 928

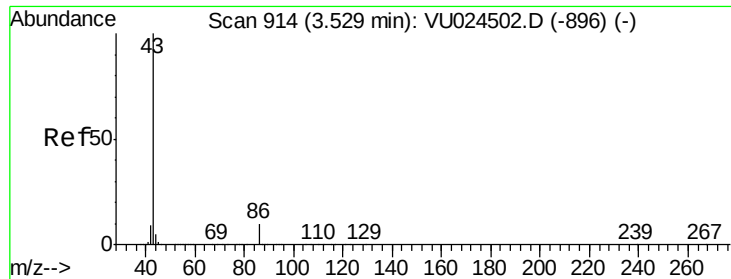
Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	45	Resp:	132116
Ion	Ratio	Lower	Upper
45	100		
43	68.4	45.8	68.6
87	29.3	20.6	31.0
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 93.363 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tot Ion: 43 Resp: 589362

Ion Ratio Lower Upper

43 100

86 10.9 7.8 11.8

Instrument :

MSVOA_U

ClientSampled :

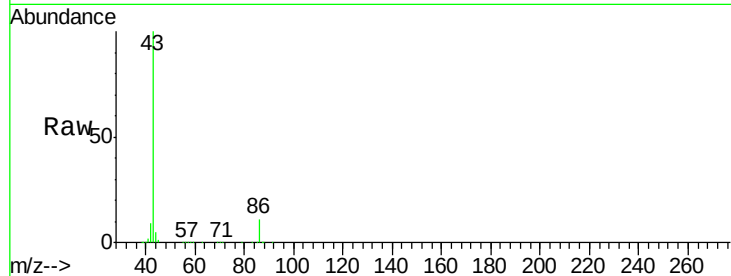
VU0614WBS02

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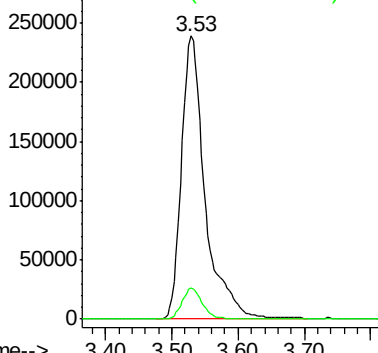
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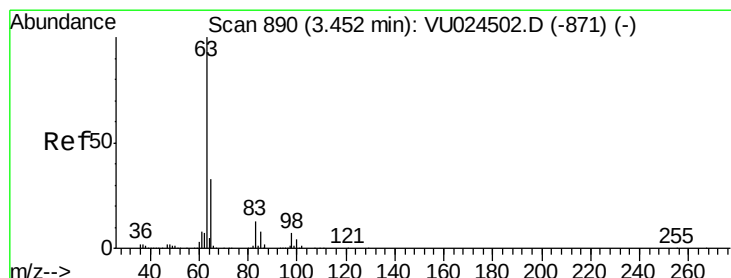
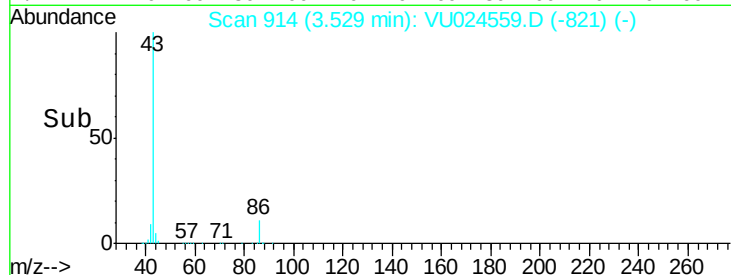


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 18.878 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

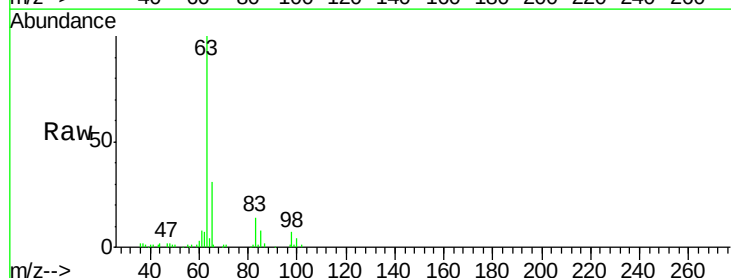
Tgt Ion: 63 Resp: 76531

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

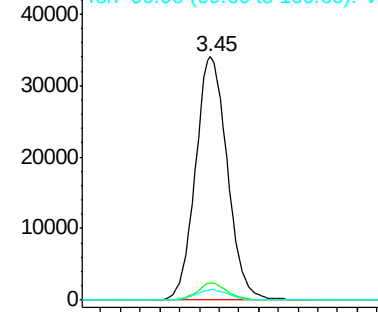
100 4.2 1.8 5.5



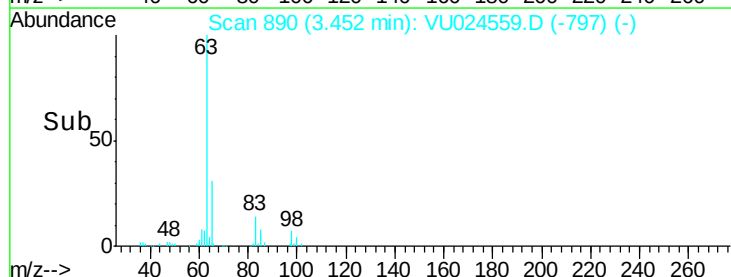
Abundance Ion 62.90 (62.60 to 63.60): VU0

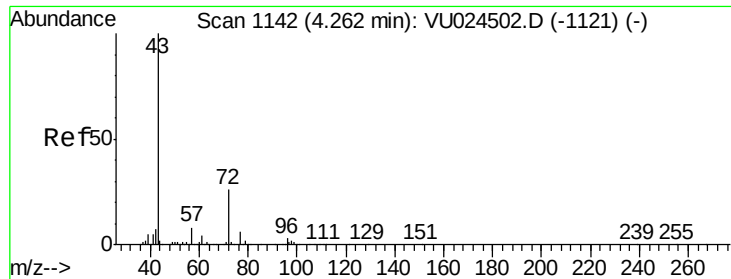
Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->





#25

2-Butanone

Concen: 88.401 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion: 43 Resp: 175131

Ion Ratio Lower Upper

43 100

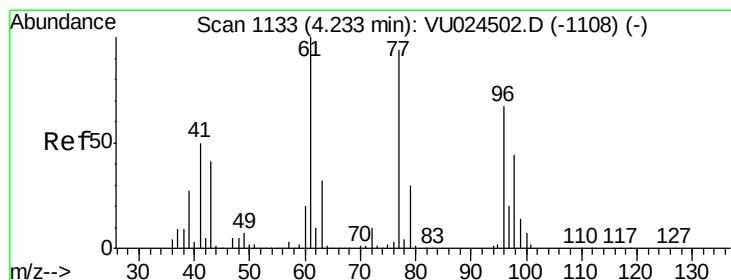
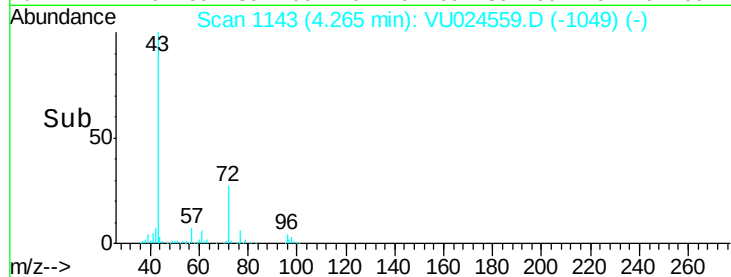
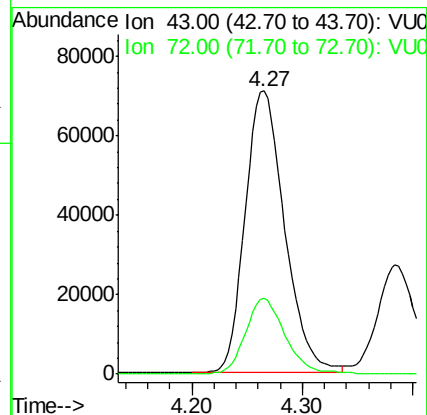
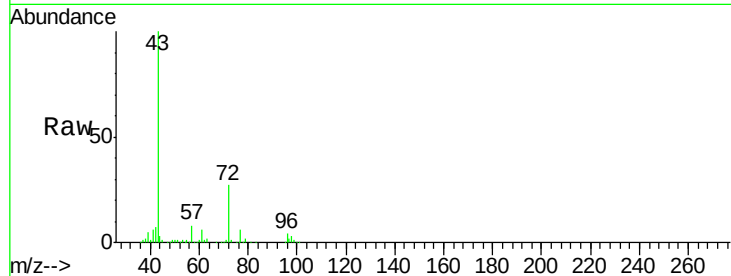
72 26.9 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 14.018 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024559.D

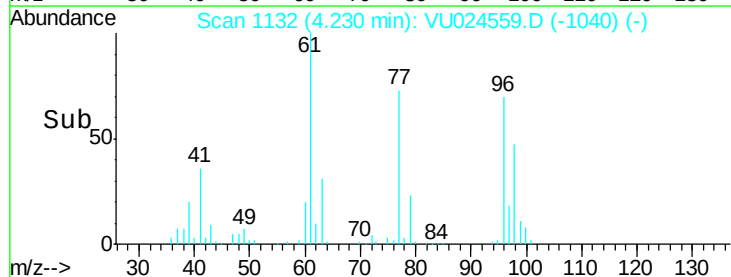
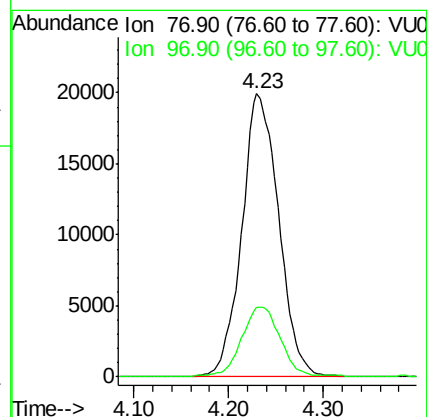
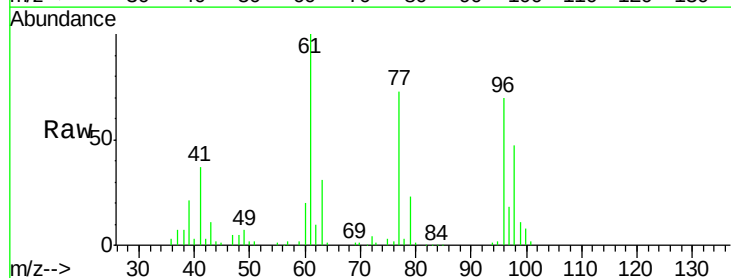
Acq: 14 Jun 2018 23:26

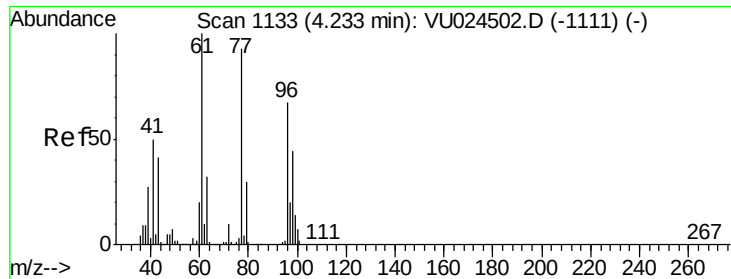
Tgt Ion: 77 Resp: 53962

Ion Ratio Lower Upper

77 100

97 25.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.418 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

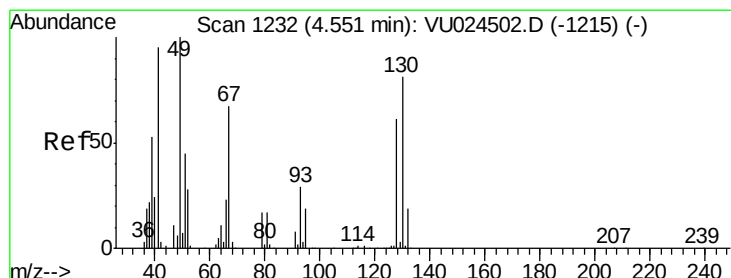
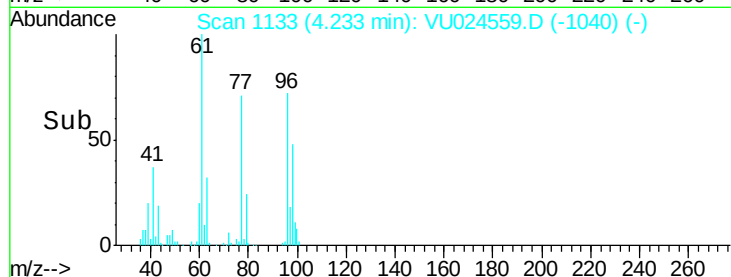
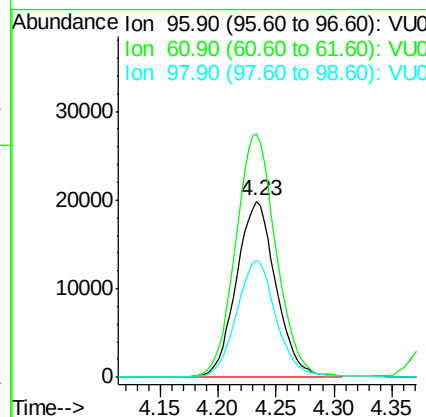
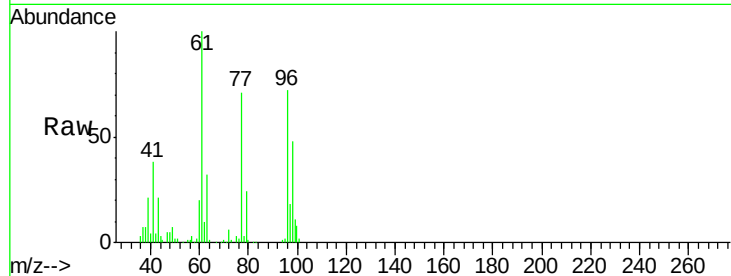
ClientSampleId :

VU0614WBS02

Tot Ion:	96	Resp:	47074
Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	306.6
98	66.4	0.0	128.8

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#28

Bromochloromethane

Concen: 20.786 ug/l

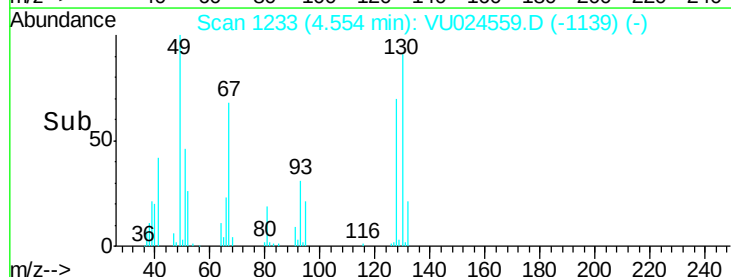
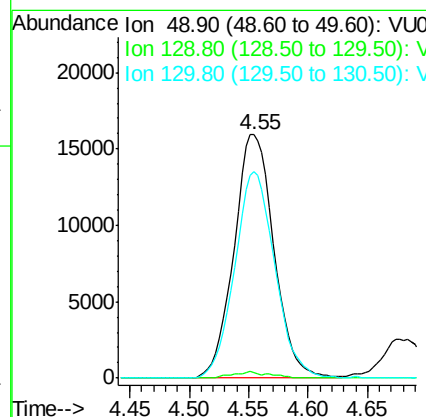
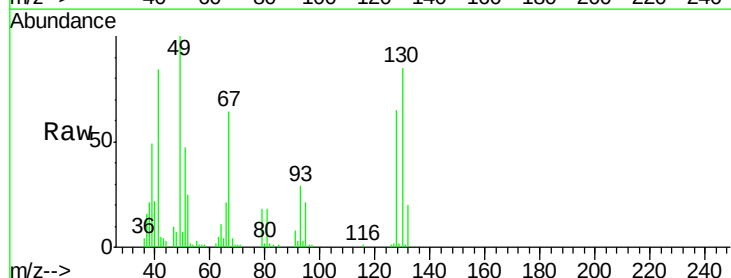
RT: 4.55 min Scan# 1233

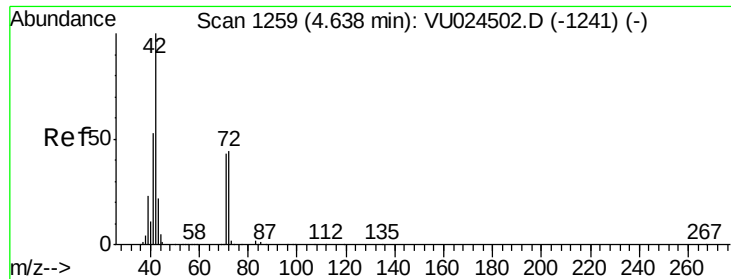
Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	49	Resp:	37115
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	85.3	57.8	86.6





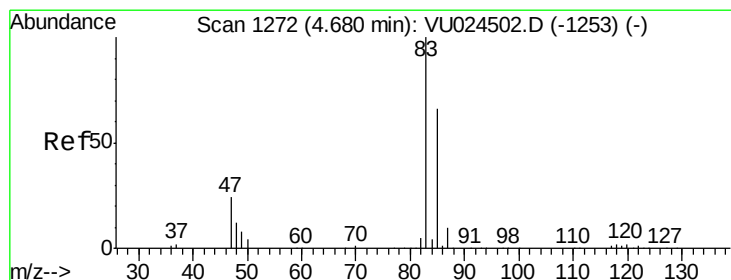
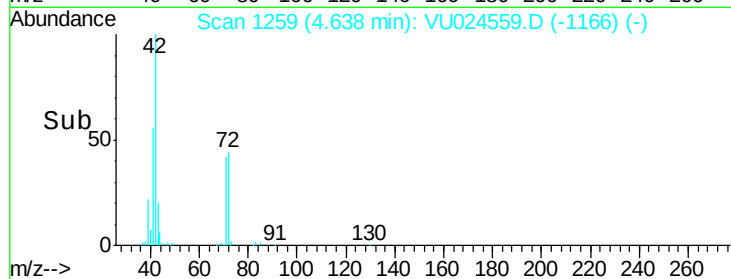
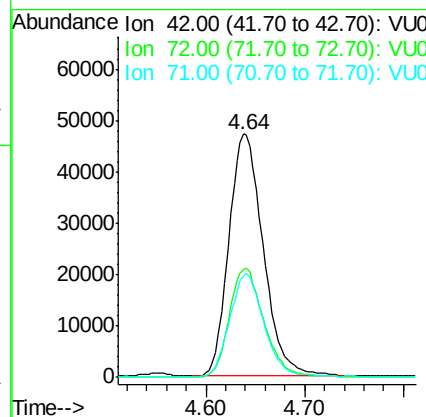
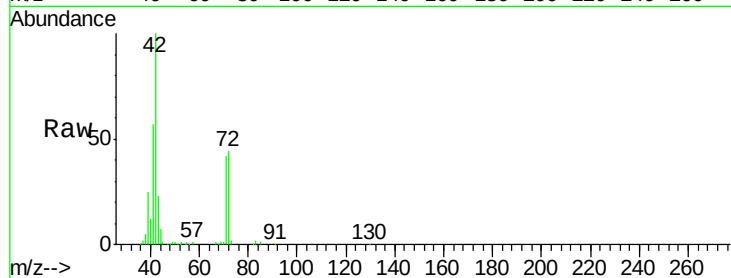
#29
Tetrahydrofuran
Concen: 93.748 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	34.5	51.7
71	42.6	32.2	48.4

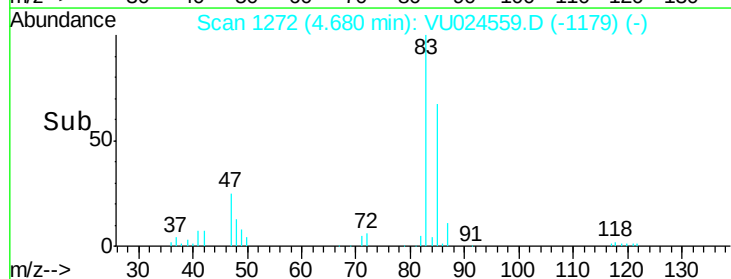
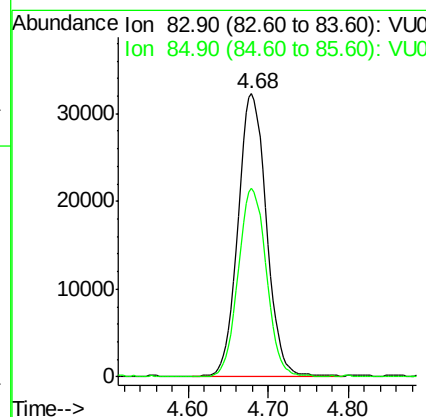
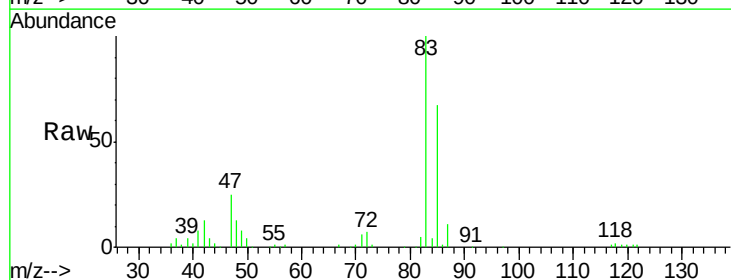
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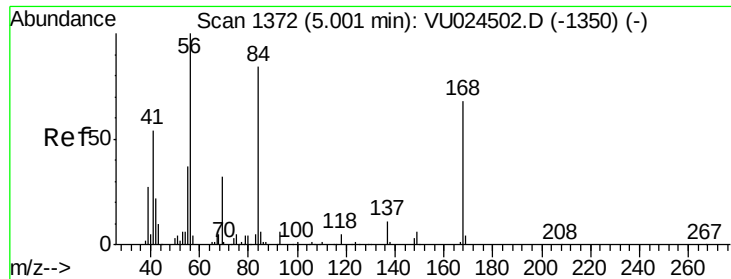
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#30
Chloroform
Concen: 18.992 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.4	78.6





#31

Cyclohexane

Concen: 18.691 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

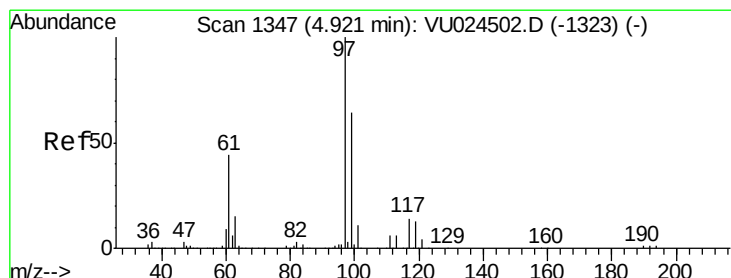
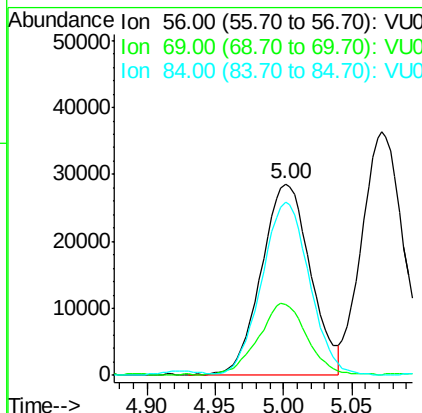
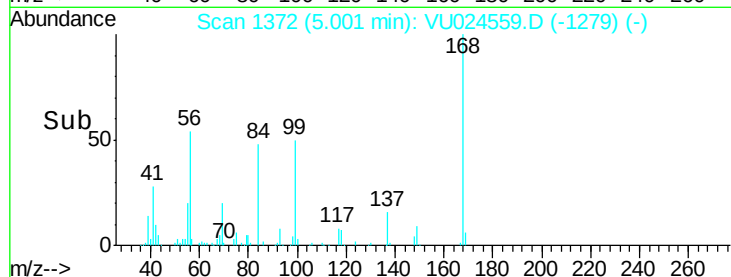
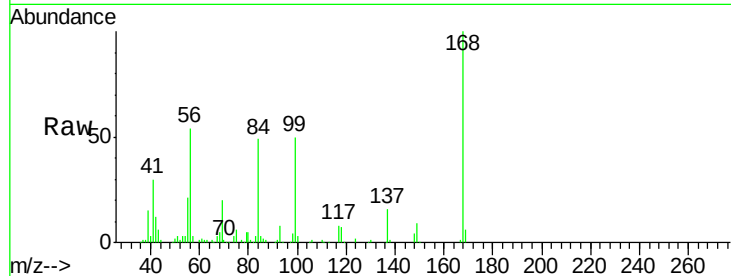
ClientSampleId :

VU0614WBS02

Tot Ion:	56	Resp:	71736
Ion	Ratio	Lower	Upper
56	100		
69	36.5	24.8	37.2
84	88.4	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 17.961 ug/l

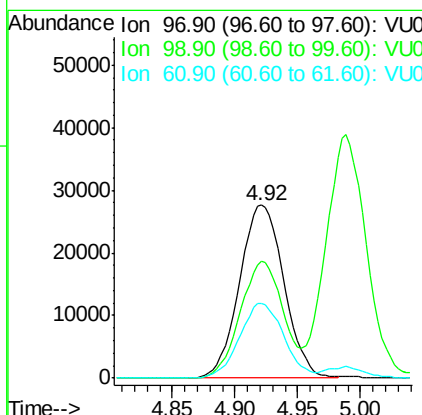
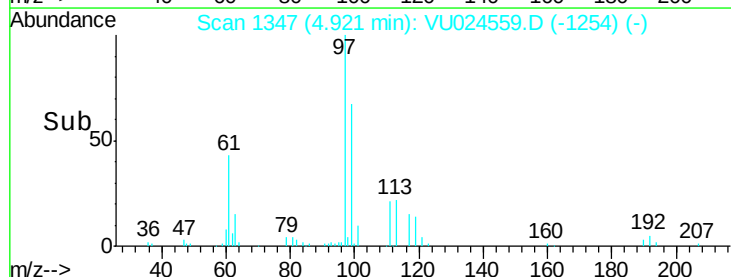
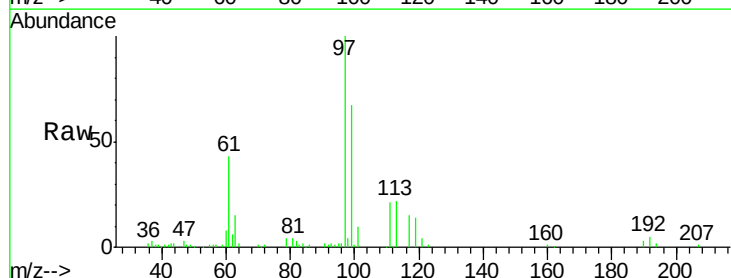
RT: 4.92 min Scan# 1347

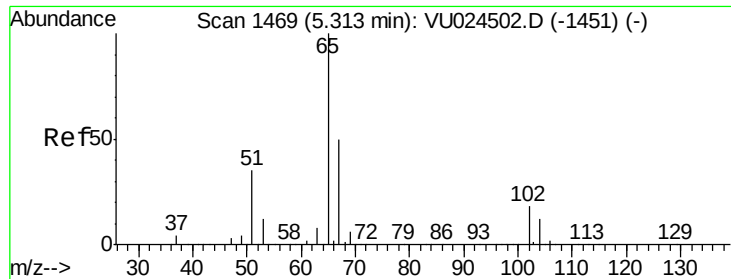
Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	97	Resp:	68149
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.0	76.6
61	43.2	39.4	59.0





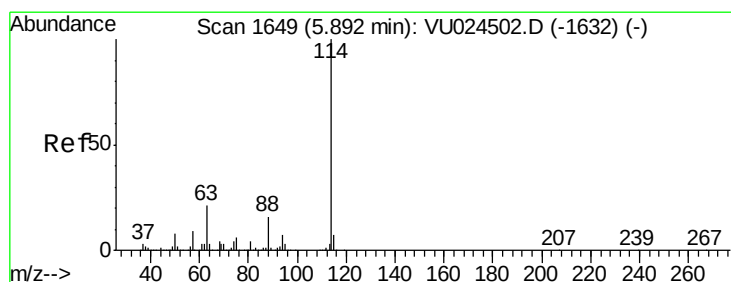
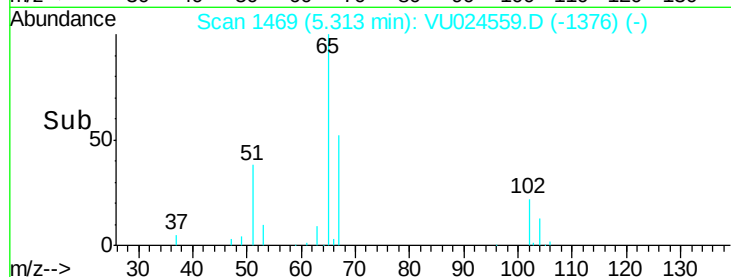
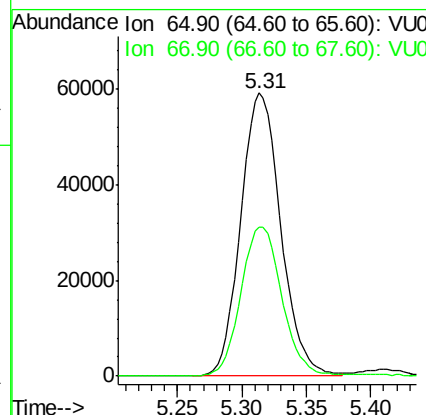
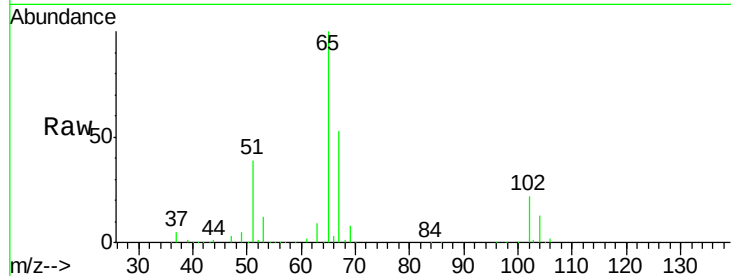
#33
 1,2-Dichloroethane-d4
 Concen: 46.567 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127825		
67	54.5	0.0	107.0	

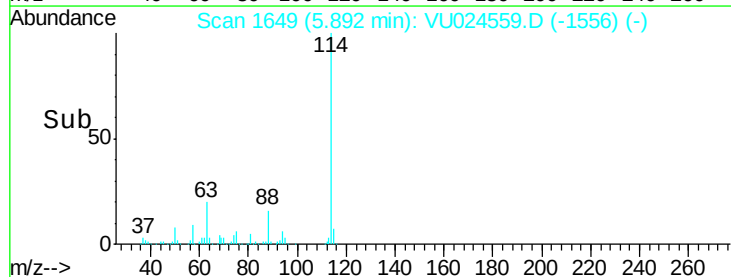
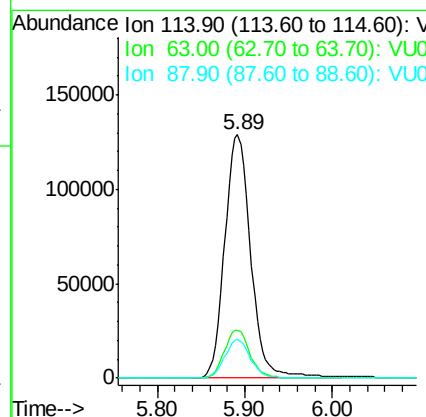
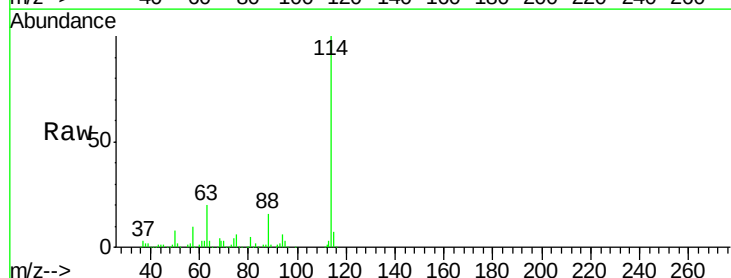
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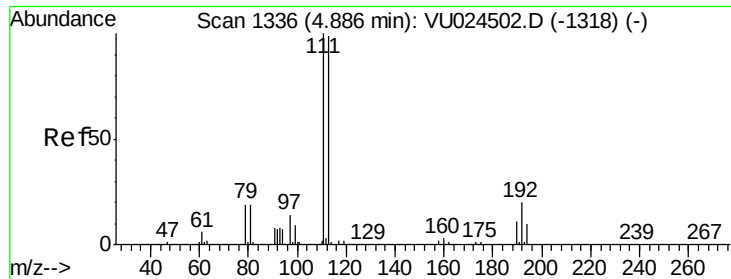
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	267034		
63	19.9	0.0	45.4	
88	15.7	0.0	31.0	





#35

Dibromofluoromethane

Concen: 50.485 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

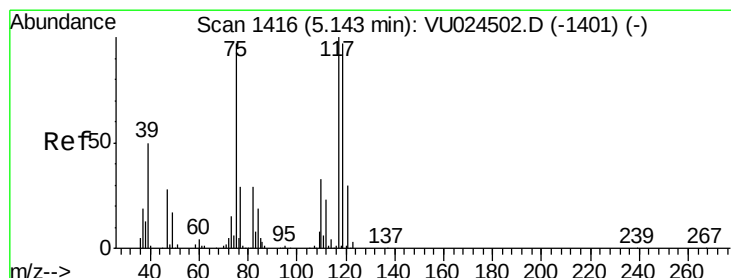
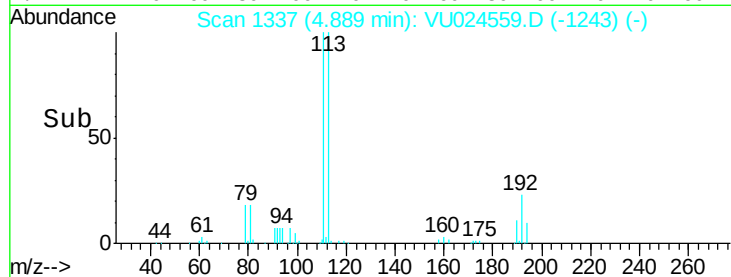
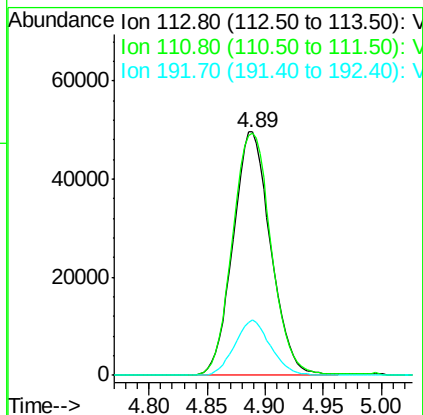
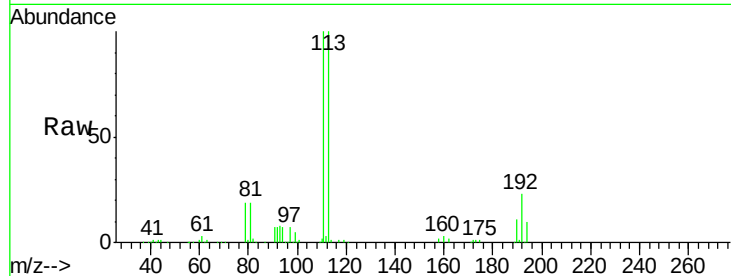
ClientSampleId :

VU0614WBS02

Tot Ion:	113	Resp:	111884
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.2	123.4
192	21.7	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 17.966 ug/l

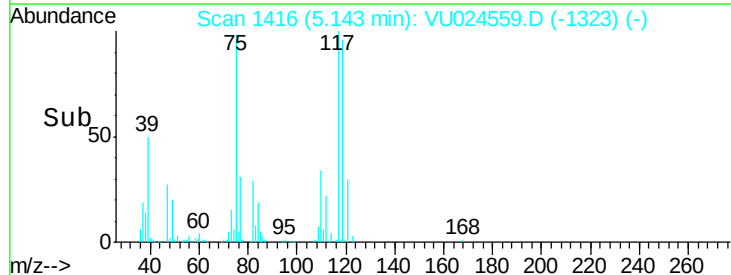
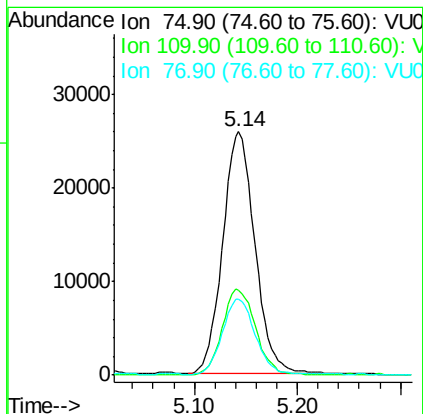
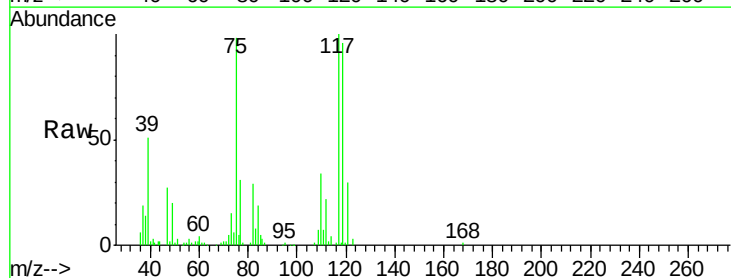
RT: 5.14 min Scan# 1416

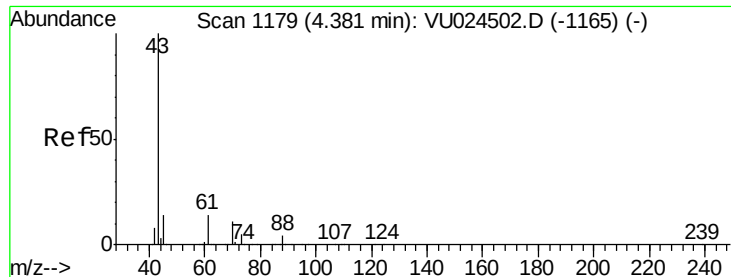
Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	75	Resp:	56374
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.0	50.9
77	32.7	24.2	36.4





#37

Ethyl Acetate

Concen: 19.239 ug/l

RT: 4.38 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

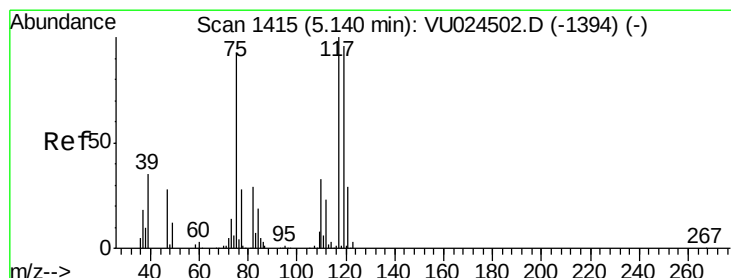
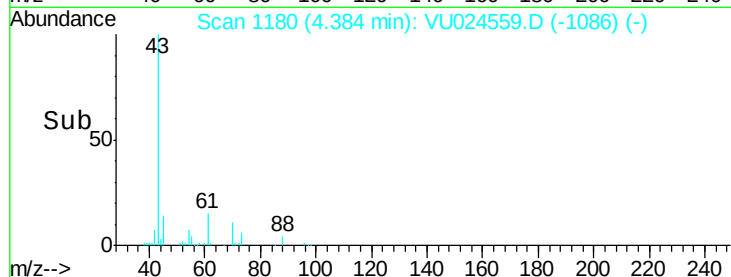
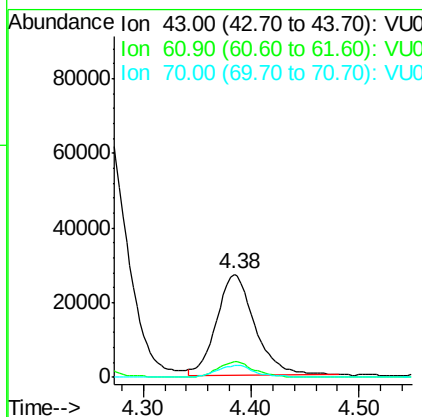
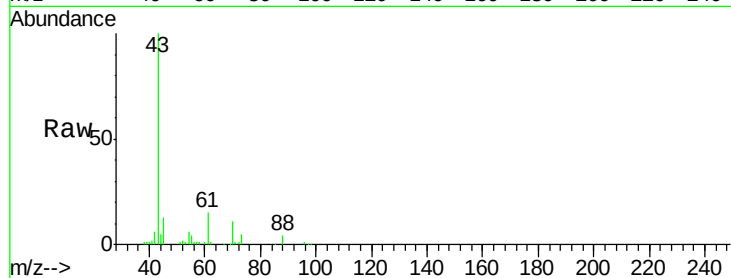
ClientSampleId :

VU0614WBS02

Tot Ion:	43	Resp:	65797
Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.5	15.7
70	12.1	7.4	11.2#

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#38

Carbon Tetrachloride

Concen: 18.020 ug/l

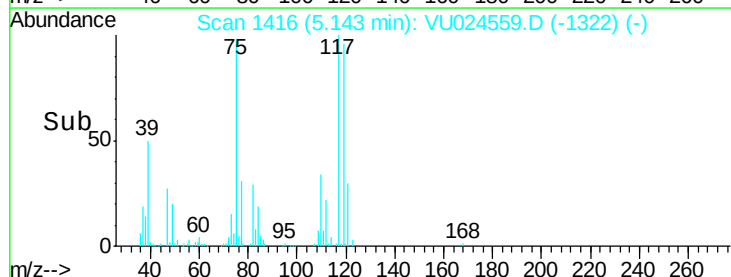
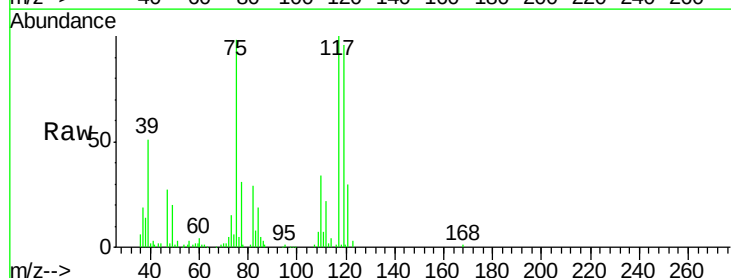
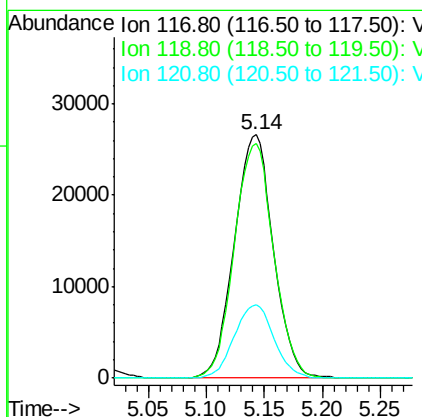
RT: 5.14 min Scan# 1416

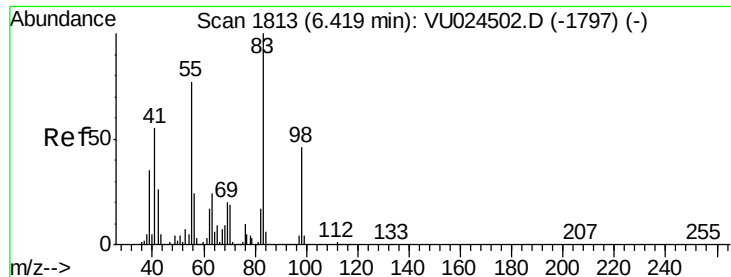
Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	117	Resp:	62180
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.1	114.1
121	30.0	23.7	35.5





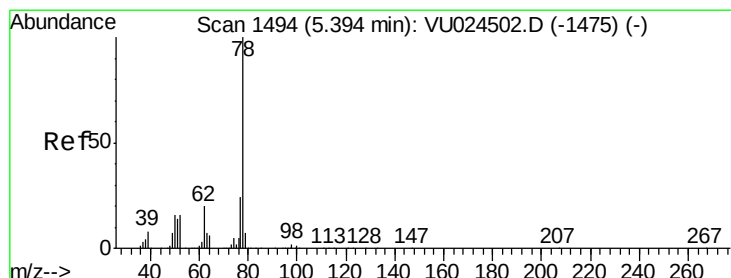
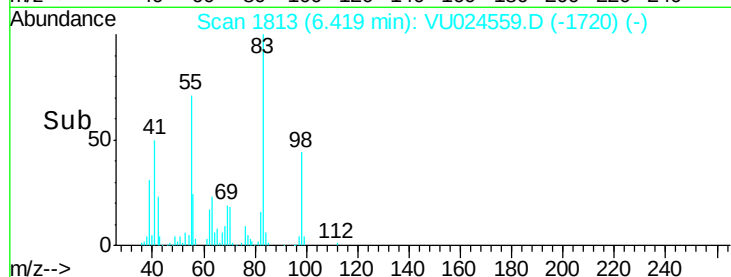
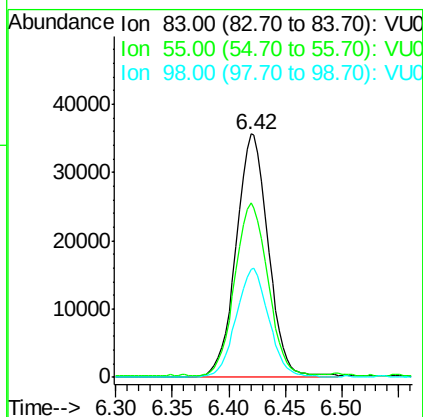
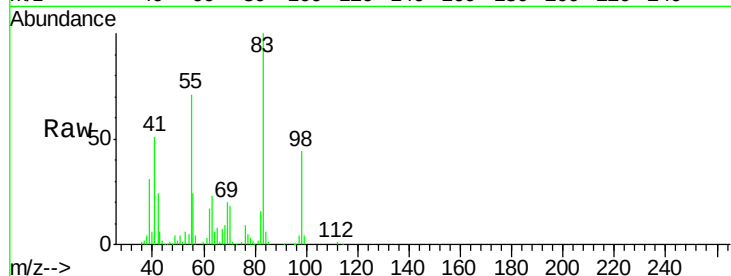
#39
Methylvlcyclohexane
Concen: 17.951 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	65.8	98.6
98	44.6	36.7	55.1

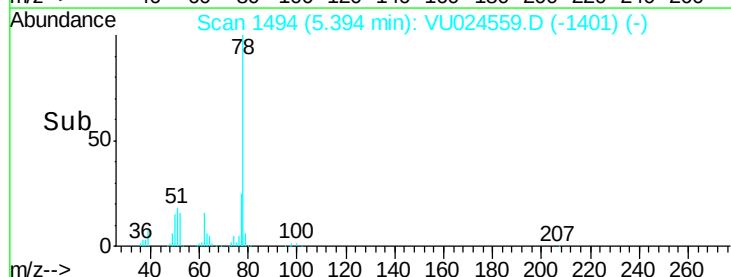
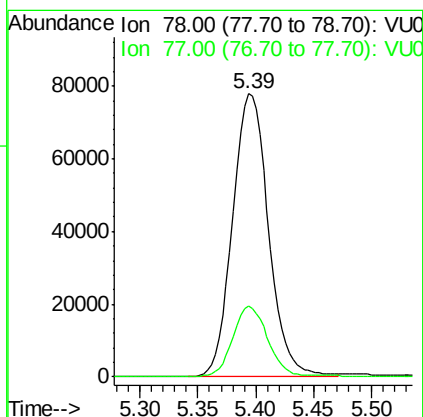
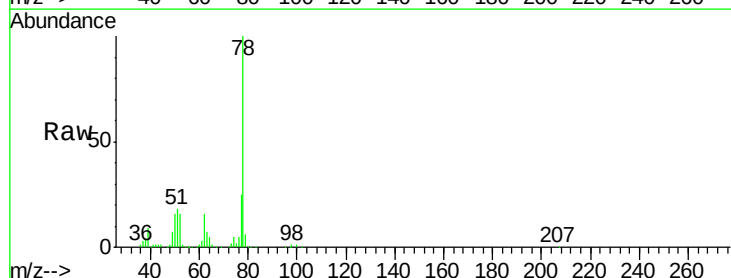
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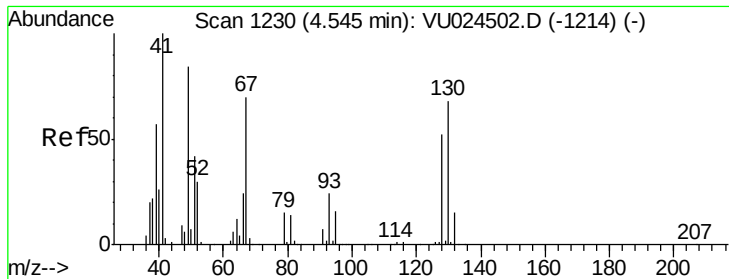
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#40
Benzene
Concen: 18.839 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.2	28.8





#41

Methacrylonitrile

Concen: 19.227 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

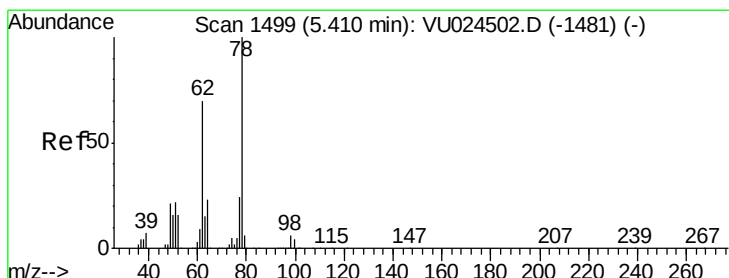
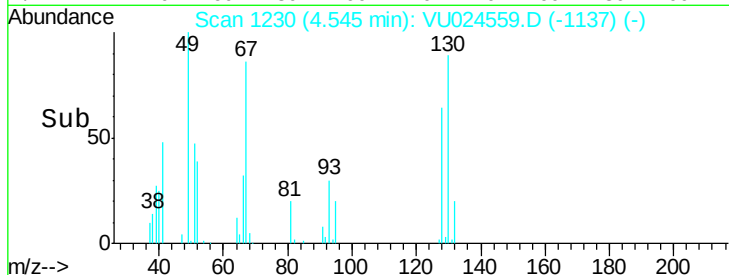
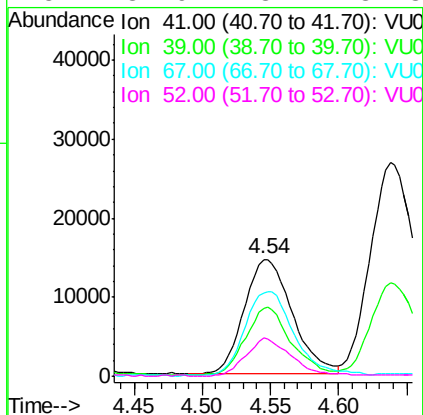
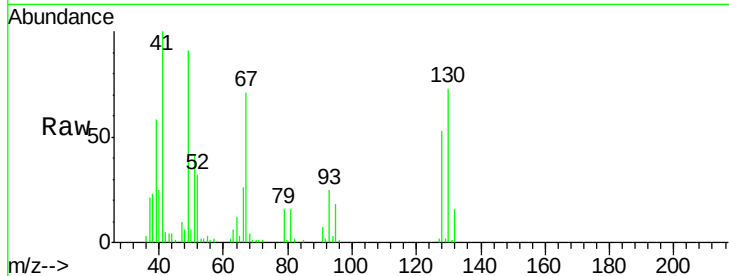
ClientSampleId :

VU0614WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	43.8	65.6	
67	77.5	56.3	84.5	
52	31.9	23.2	34.8	

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#42

1,2-Dichloroethane

Concen: 17.315 ug/l

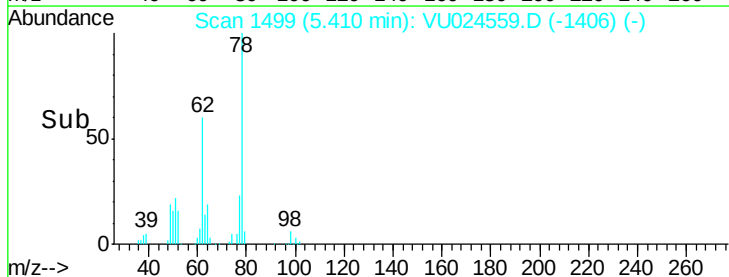
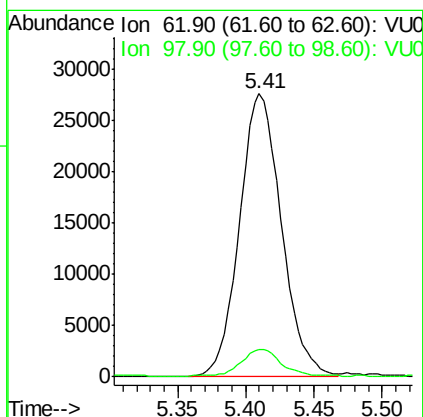
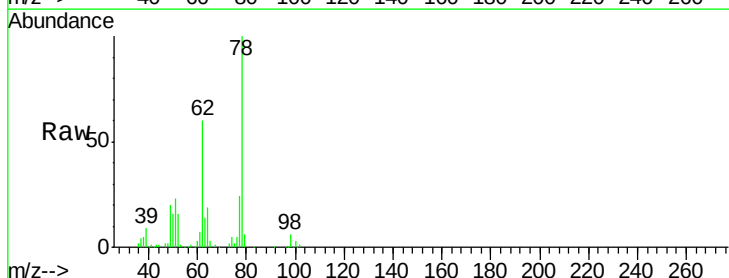
RT: 5.41 min Scan# 1499

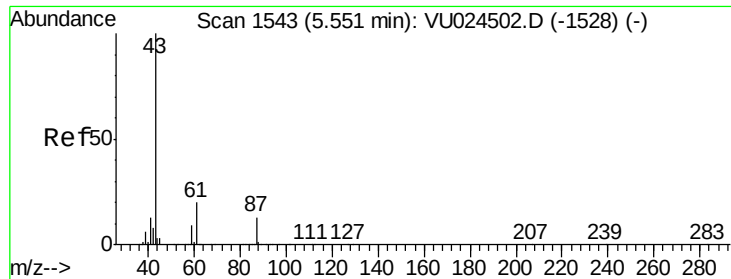
Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	16.6	





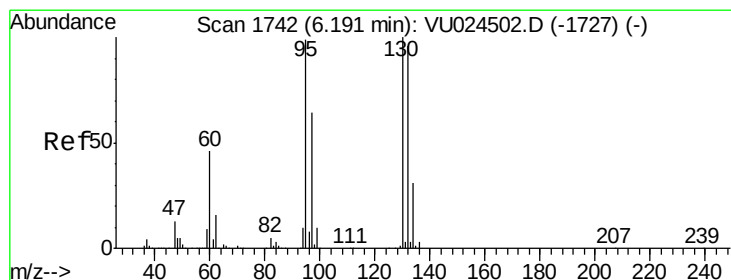
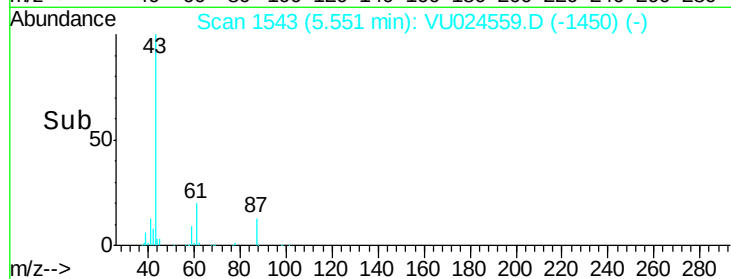
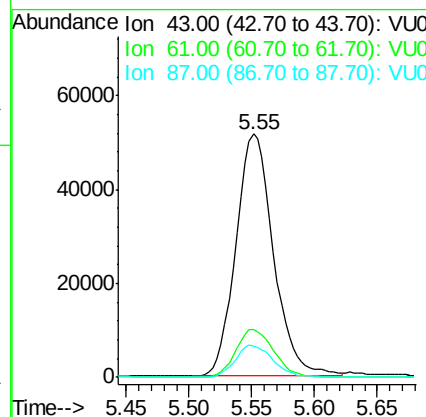
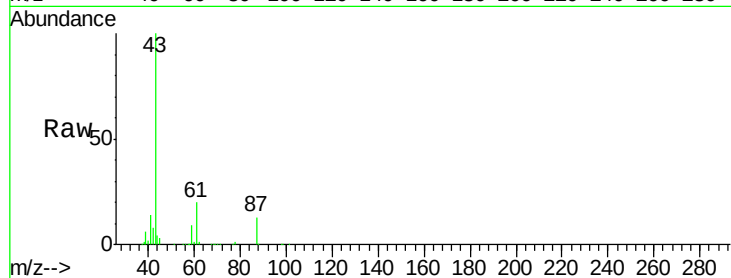
#43
Isopropyl Acetate
Concen: 18.199 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.4	23.0
87	13.4	10.0	15.0

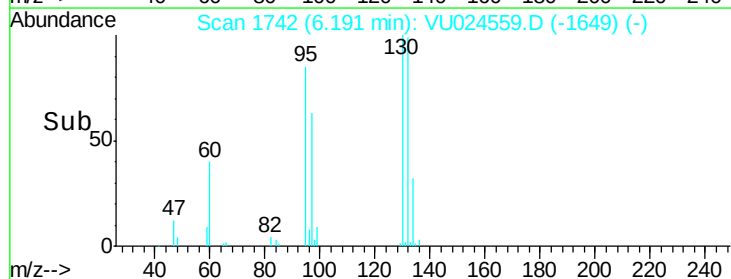
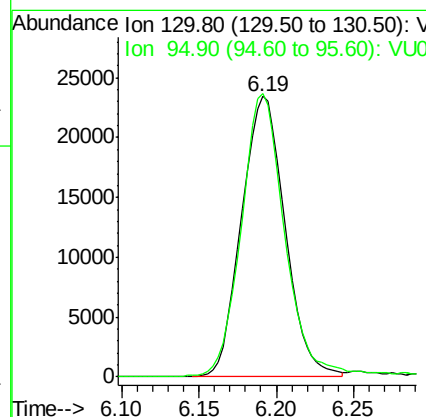
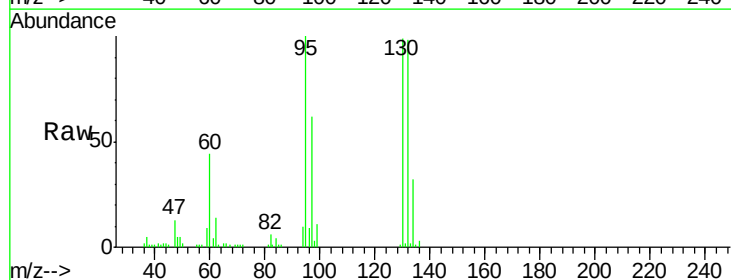
Manual Integrations
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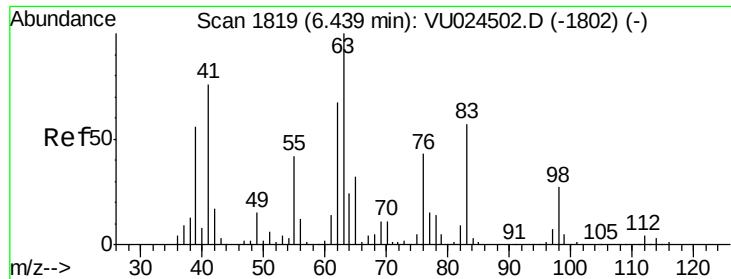
apatel
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#44
Trichloroethene
Concen: 18.086 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	202.4





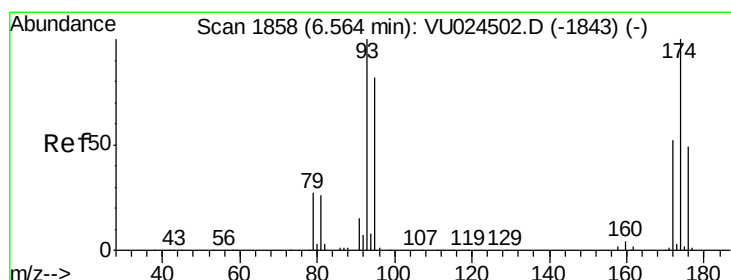
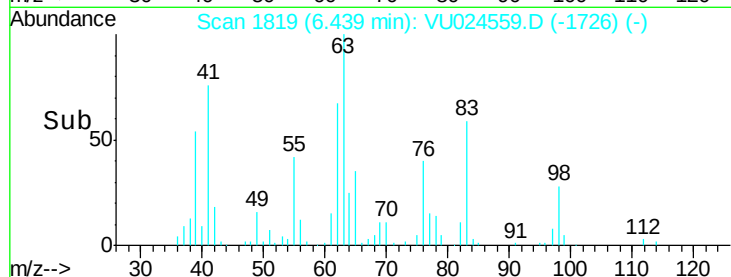
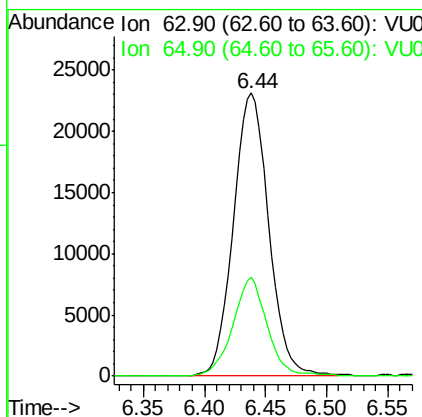
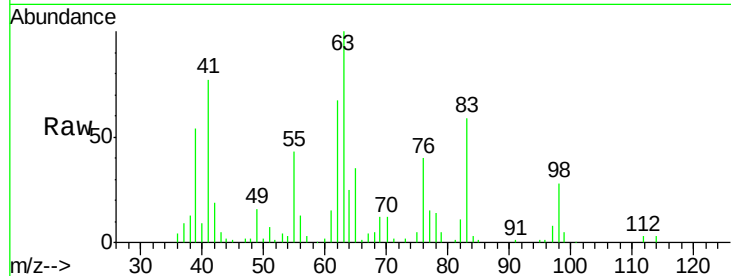
#45
 1,2-Dichloropropane
 Concen: 19.479 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS02

Tot Ion: 63 Resp: 46472
 Ion Ratio Lower Upper
 63 100
 65 34.9 24.8 37.2

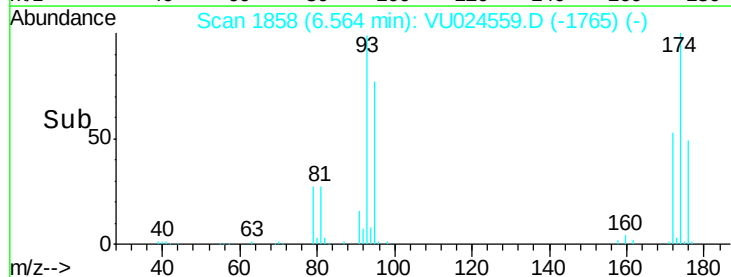
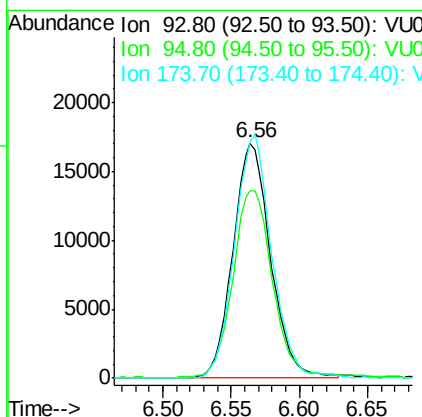
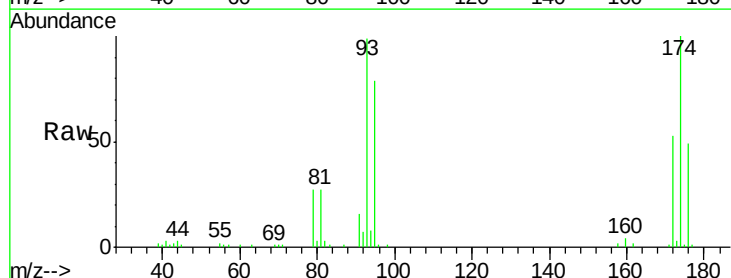
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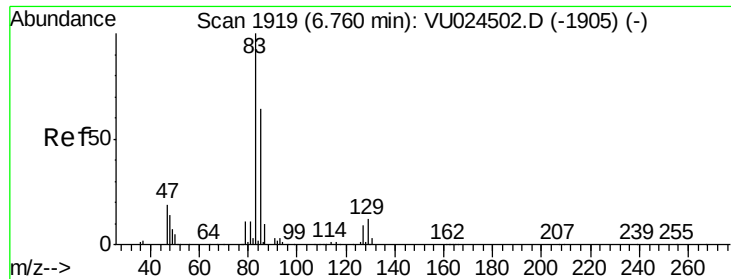
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#46
 Dibromomethane
 Concen: 19.459 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion: 93 Resp: 32609
 Ion Ratio Lower Upper
 93 100
 95 85.0 65.5 98.3
 174 102.3 78.7 118.1





#47

Bromodichloromethane

Concen: 18.664 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

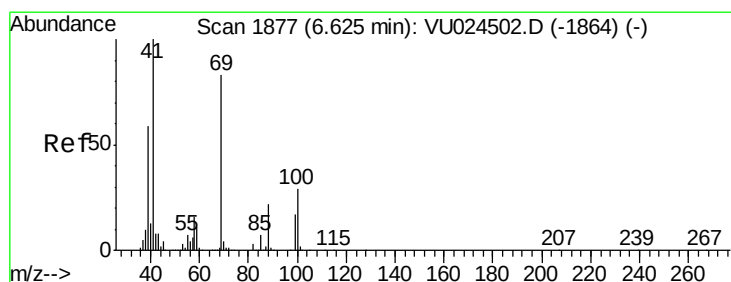
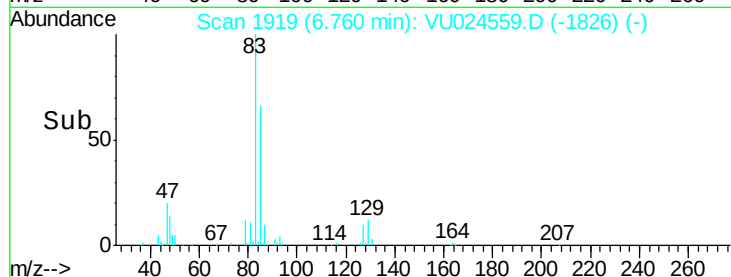
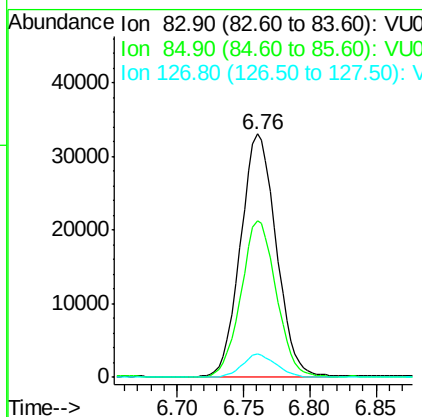
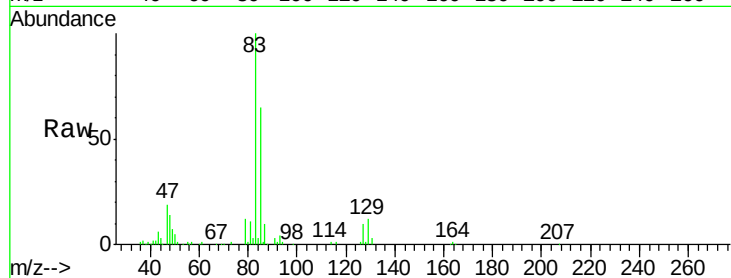
ClientSampleId :

VU0614WBS02

Tot Ion:	83	Resp:	62281
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.9	77.9
127	9.8	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.195 ug/l

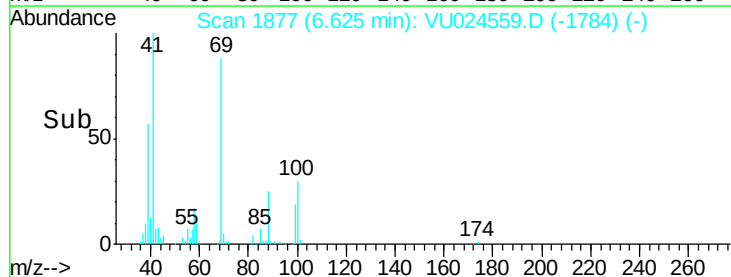
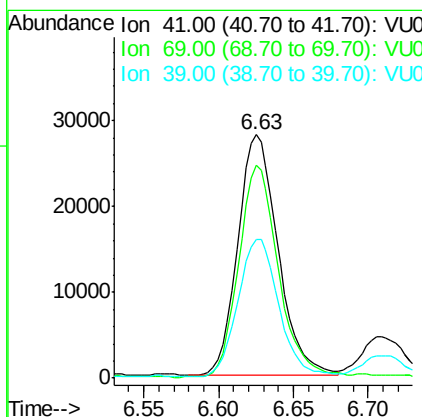
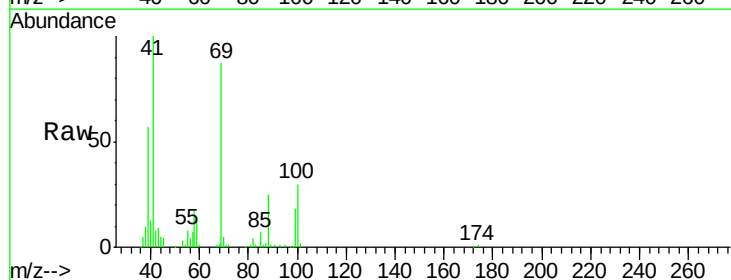
RT: 6.63 min Scan# 1877

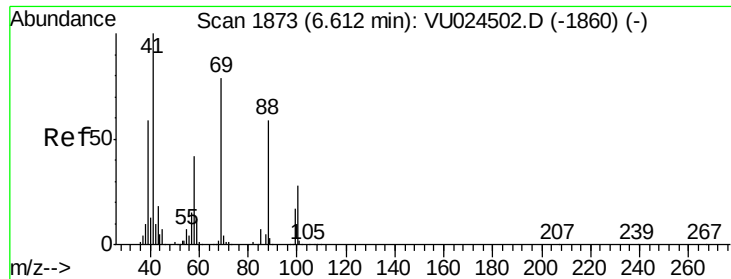
Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	41	Resp:	52377
Ion	Ratio	Lower	Upper
41	100		
69	87.0	67.3	100.9
39	58.3	46.5	69.7





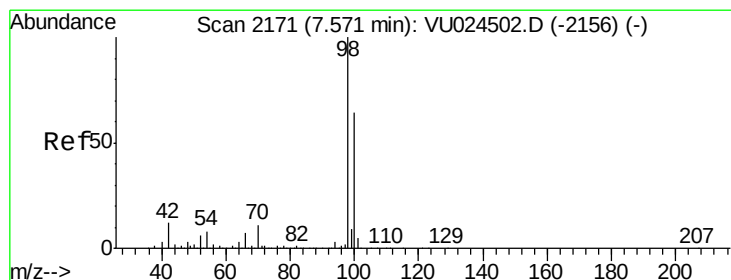
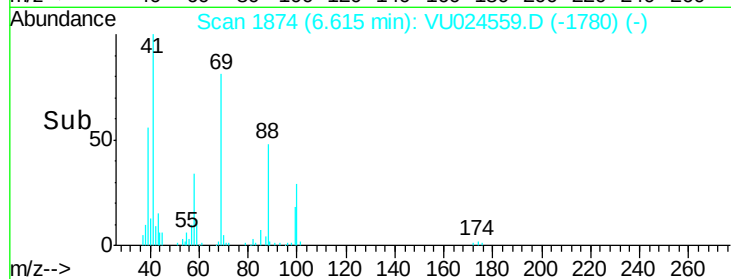
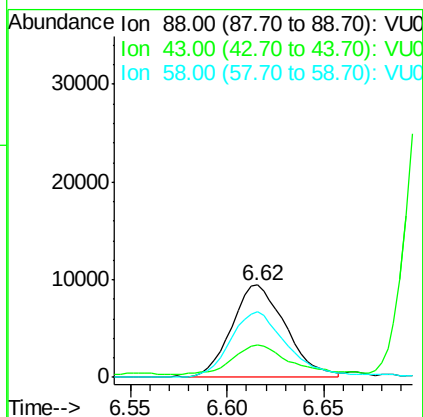
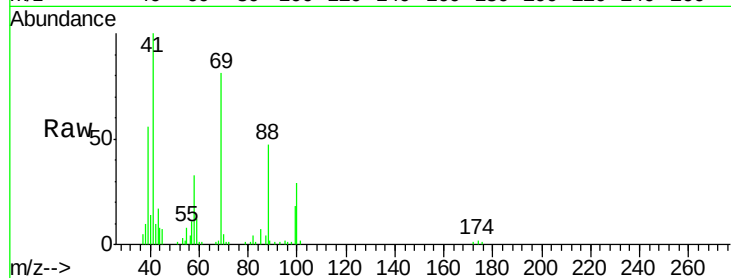
#49
1,4-Dioxane
Concen: 326.989 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	28.6	42.8
58	75.0	58.2	87.4

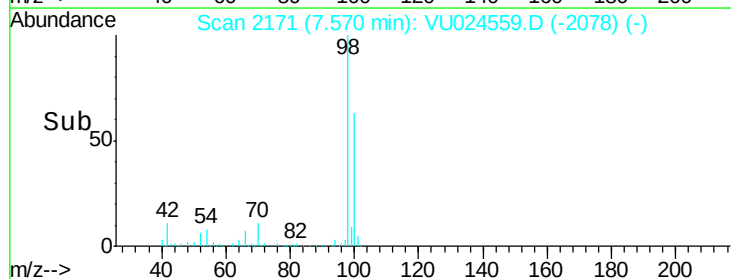
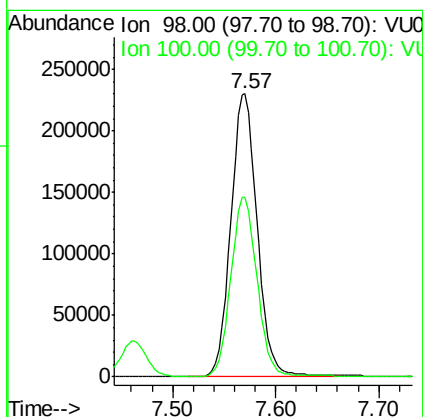
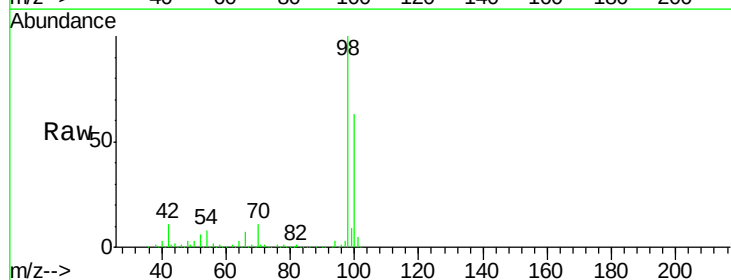
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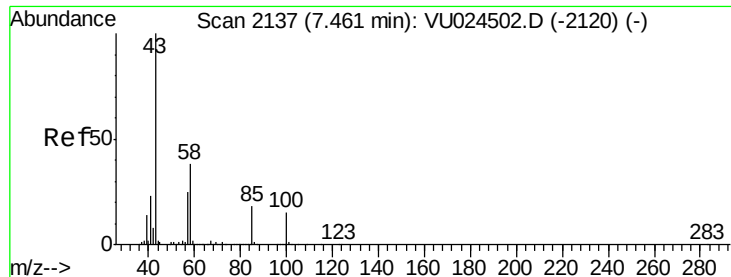
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#50
Toluene-d8
Concen: 50.940 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 95.154 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion: 43 Resp: 353405

Ion Ratio Lower Upper

43 100

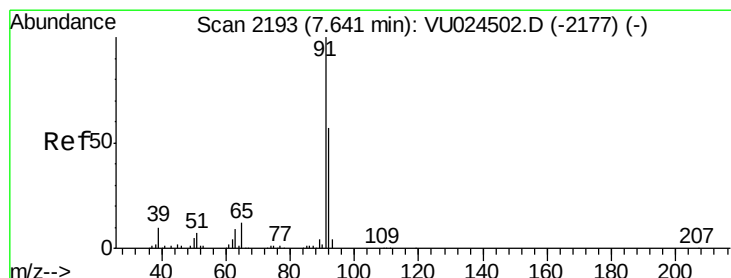
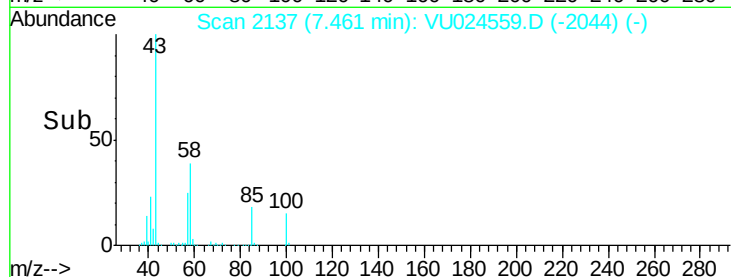
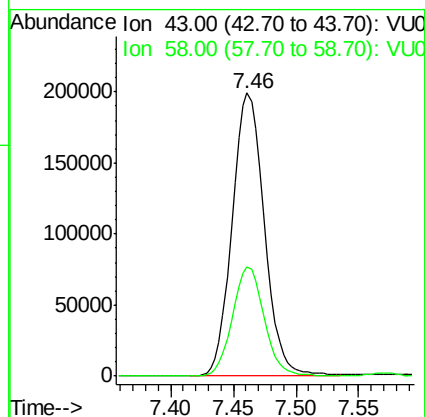
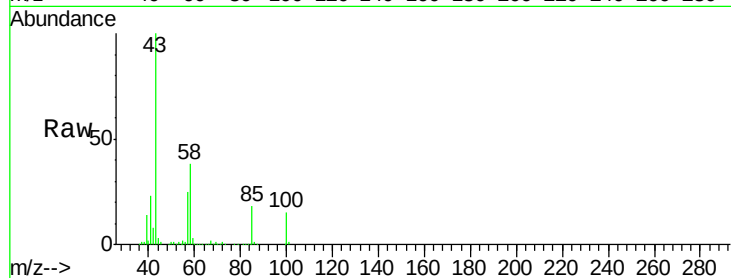
58 38.4 30.0 45.0

Manual Integrations

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#52

Toluene

Concen: 18.755 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024559.D

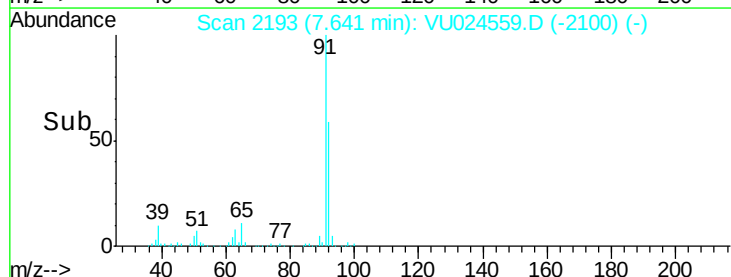
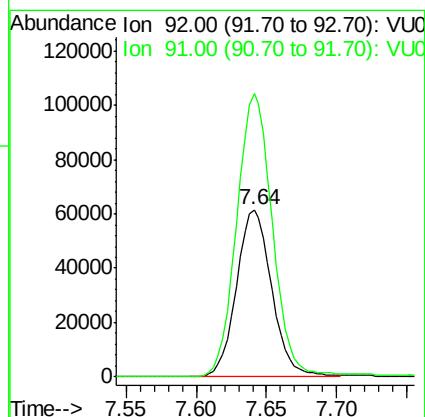
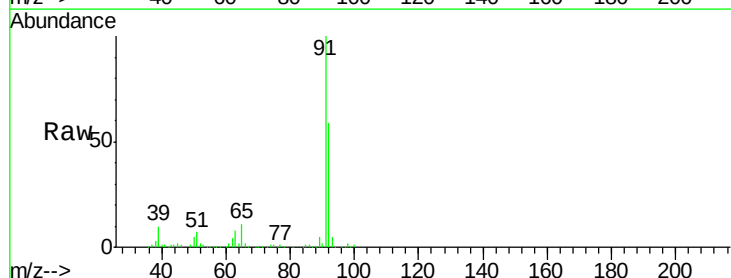
Acq: 14 Jun 2018 23:26

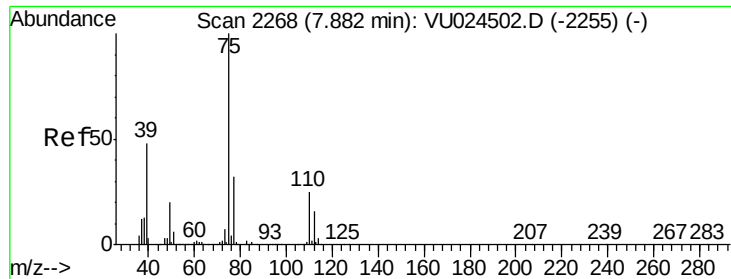
Tgt Ion: 92 Resp: 107885

Ion Ratio Lower Upper

92 100

91 172.4 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 17.713 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion: 75 Resp: 66376

Ion Ratio Lower Upper

75 100

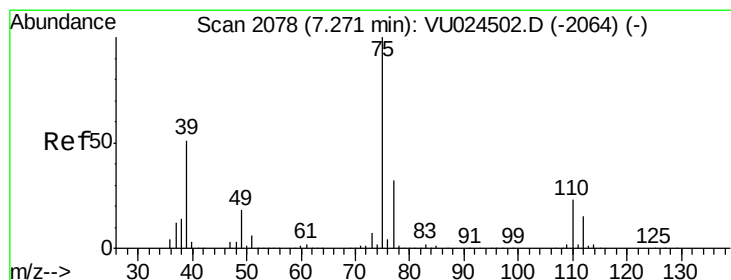
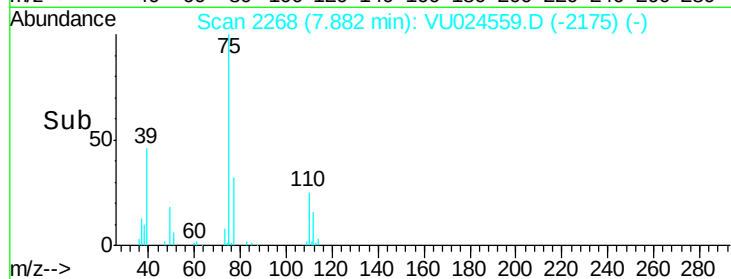
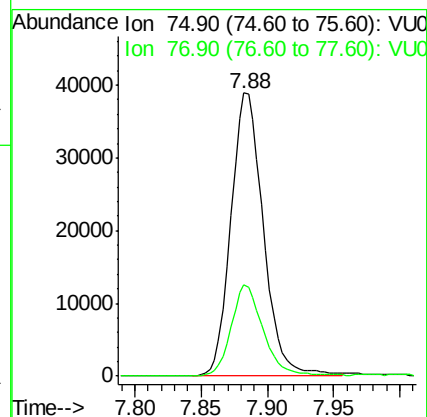
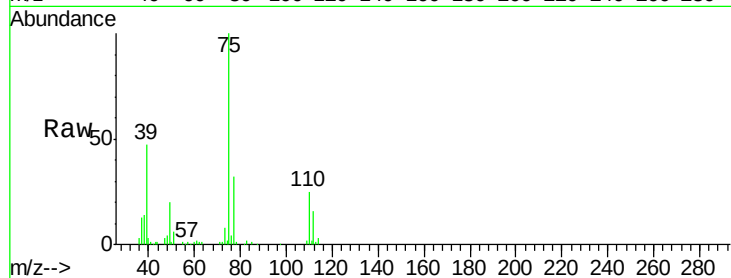
77 32.1 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 17.755 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

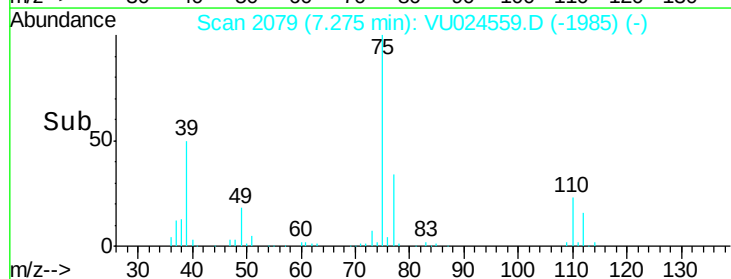
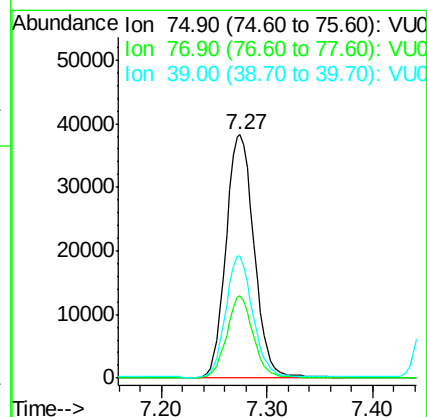
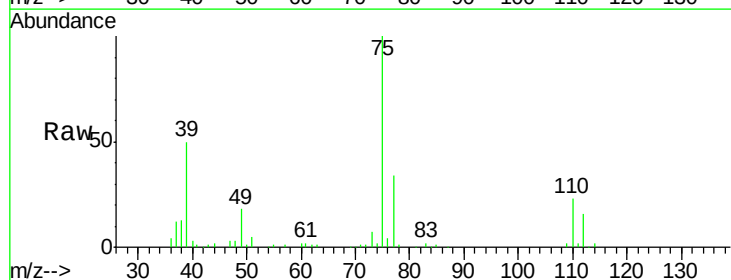
Tgt Ion: 75 Resp: 70898

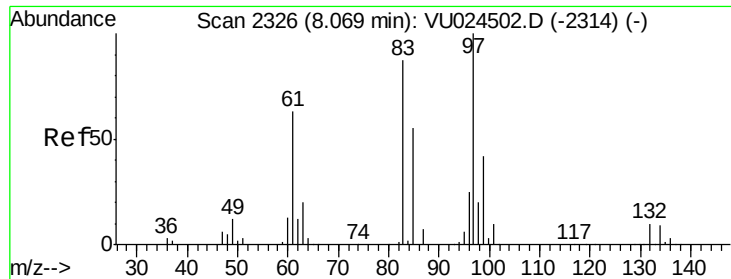
Ion Ratio Lower Upper

75 100

77 33.9 24.6 36.8

39 49.8 39.8 59.6





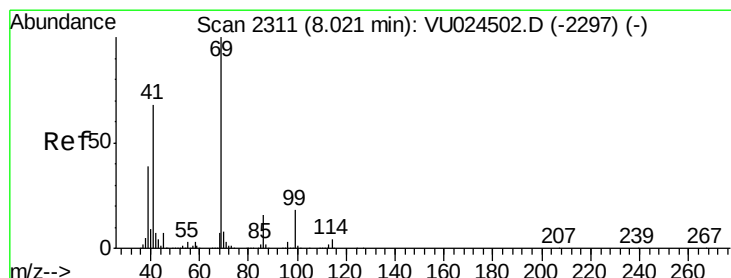
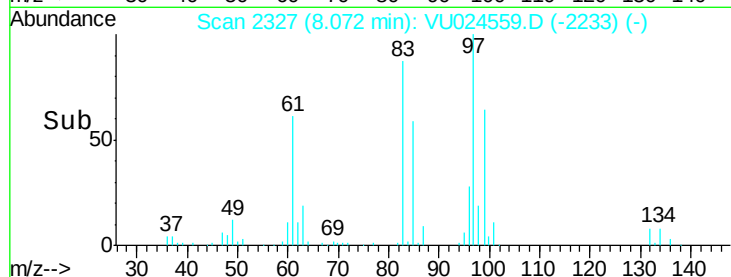
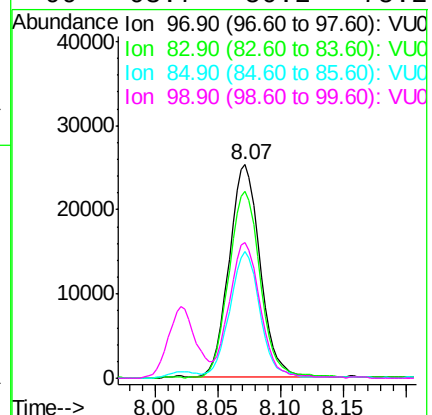
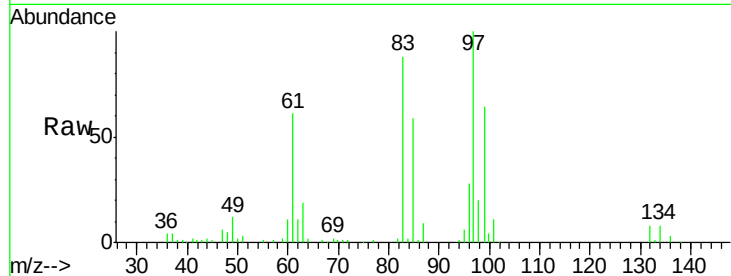
#55
1,1,2-Trichloroethane
Concen: 18.357 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion	97	Resp	42923
Ion Ratio	Lower	Upper	
97	100		
83	87.6	70.5	105.7
85	59.0	46.4	69.6
99	63.7	50.2	75.2

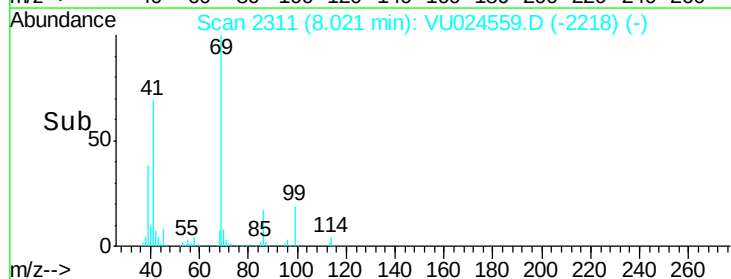
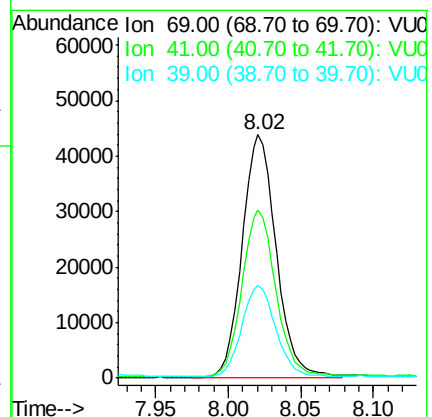
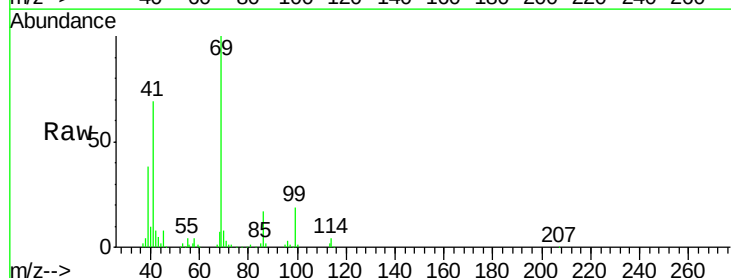
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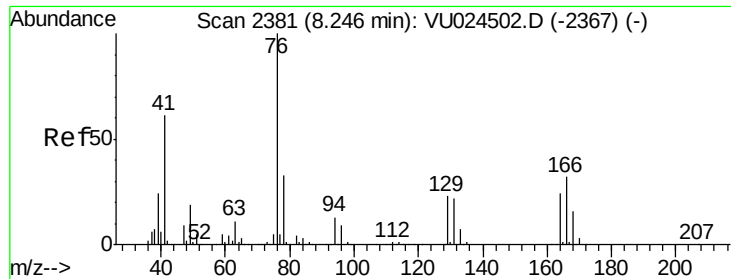
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#56
Ethyl methacrylate
Concen: 18.375 ug/l
RT: 8.02 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion	69	Resp	71914
Ion Ratio	Lower	Upper	
69	100		
41	68.2	54.1	81.1
39	37.1	30.3	45.5





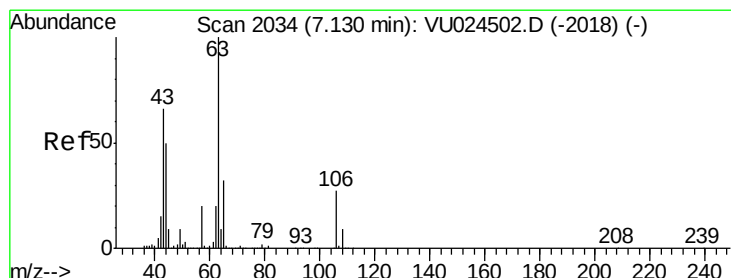
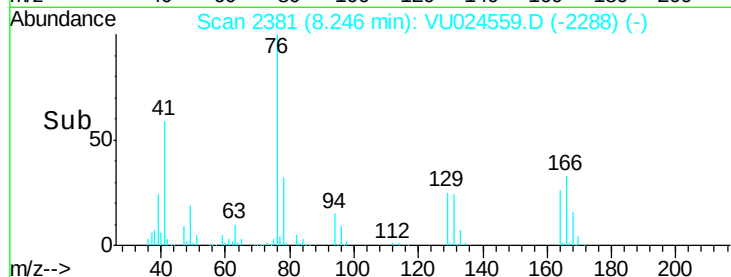
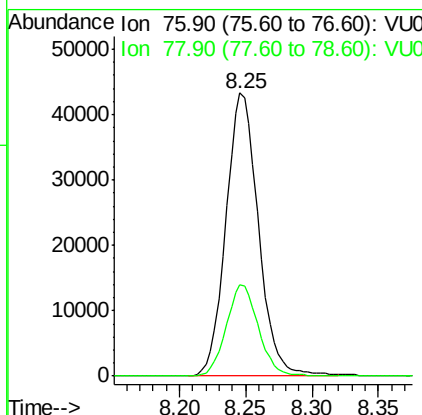
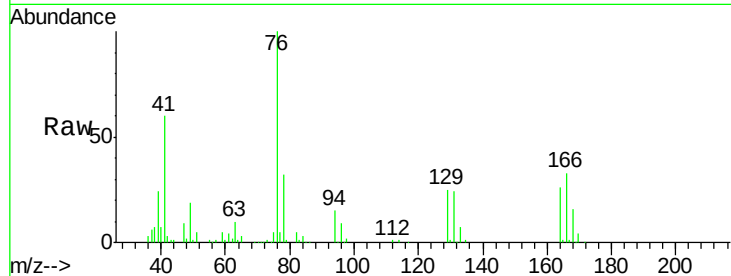
#57
 1,3-Dichloropropane
 Concen: 18.726 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS02

Tot Ion: 76 Resp: 73864
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8

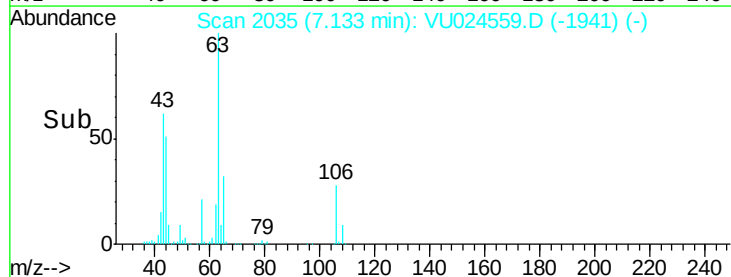
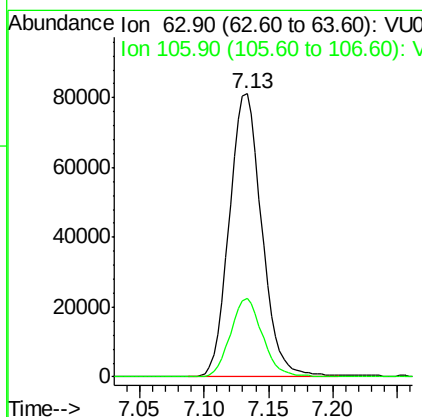
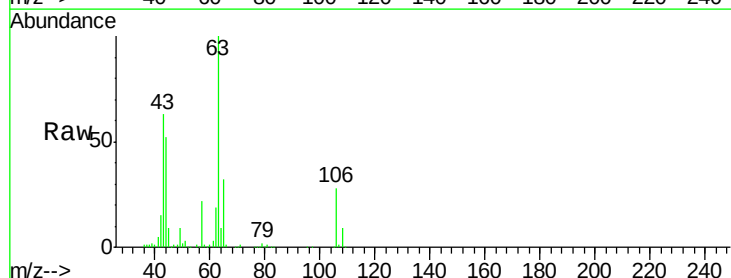
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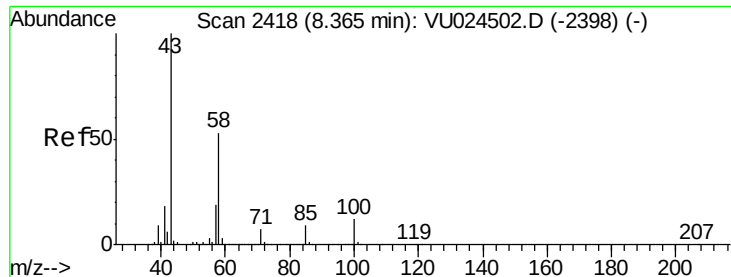
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.035 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion: 63 Resp: 142492
 Ion Ratio Lower Upper
 63 100
 106 27.3 20.2 30.2





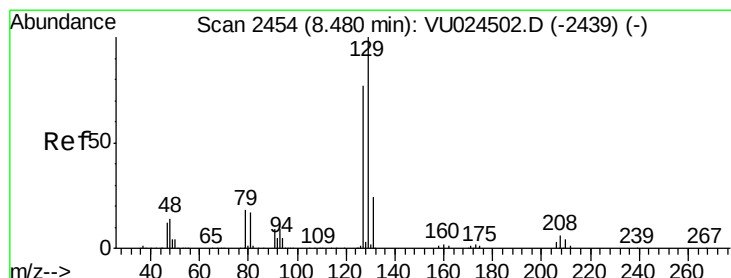
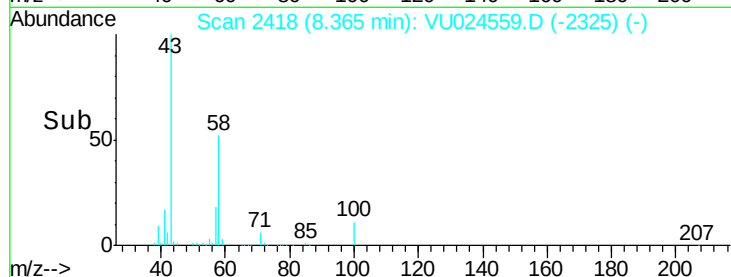
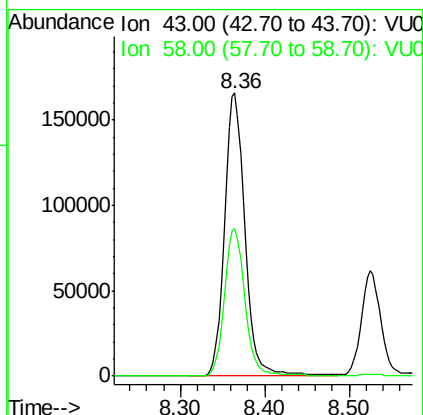
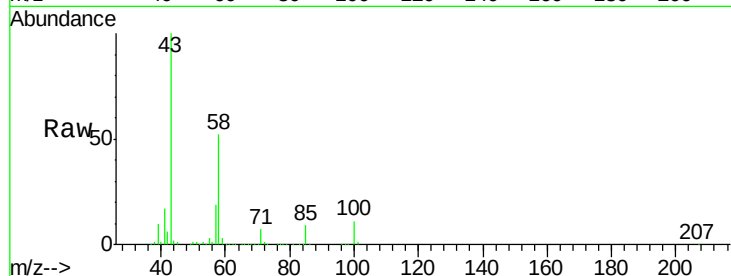
#59
2-Hexanone
Concen: 91.299 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion: 43 Resp: 276831
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0

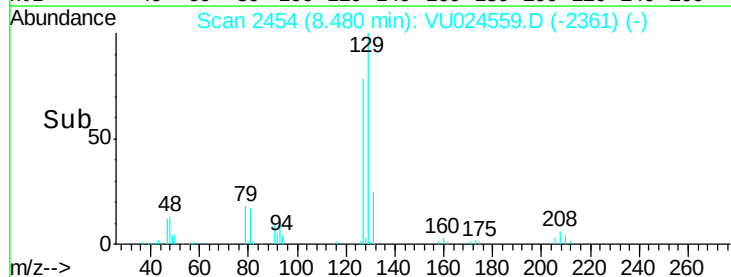
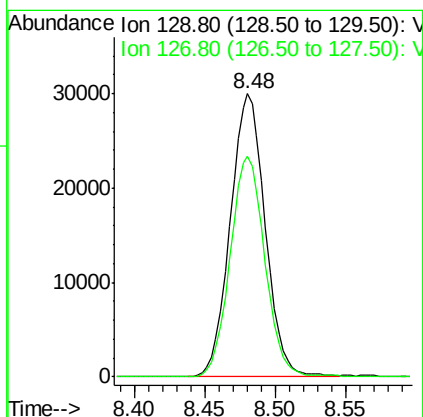
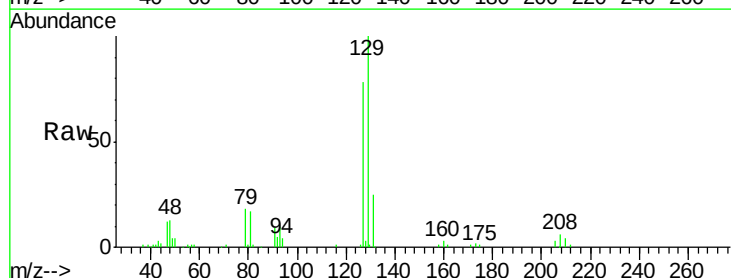
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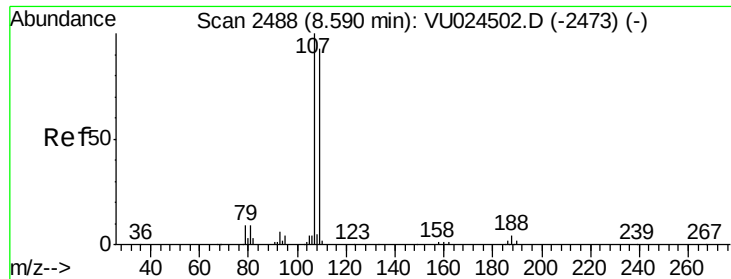
apatel
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#60
Dibromochloromethane
Concen: 17.781 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 129 Resp: 51847
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





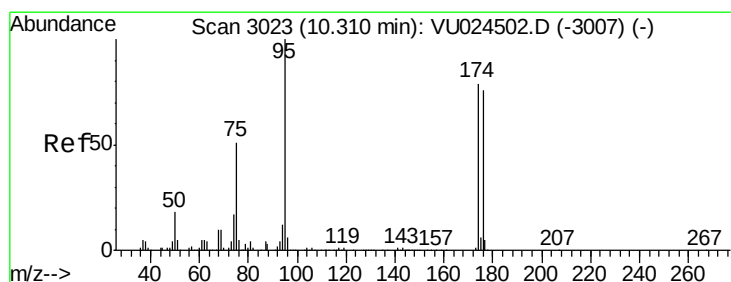
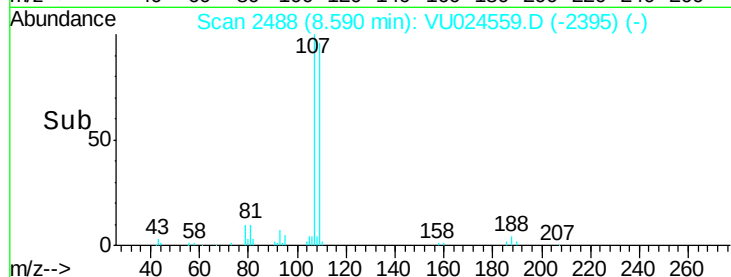
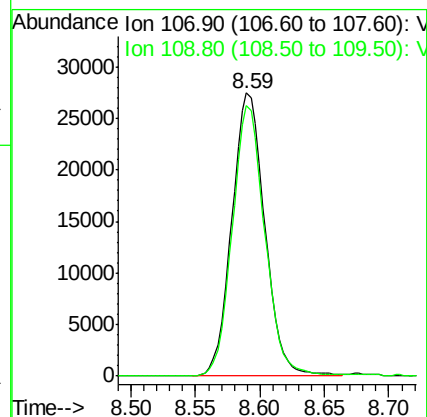
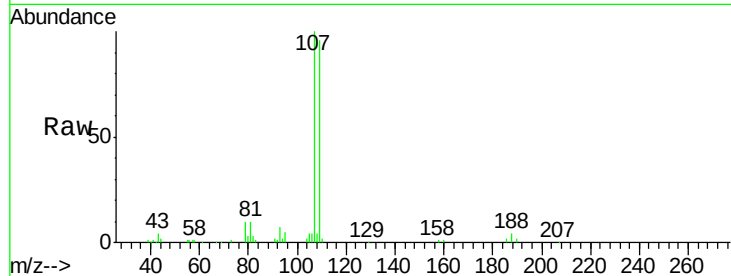
#61
 1,2-Dibromoethane
 Concen: 18.739 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	74.5	111.7

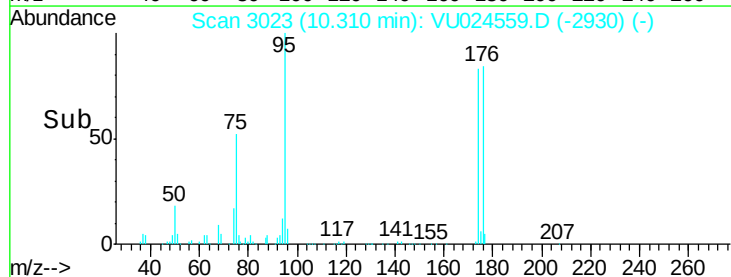
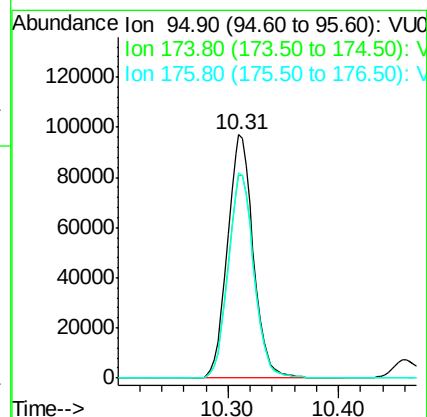
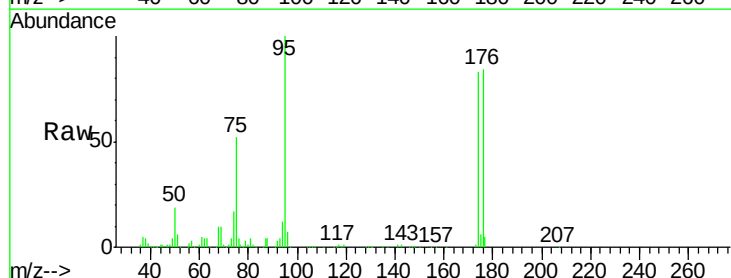
Manual Integrations
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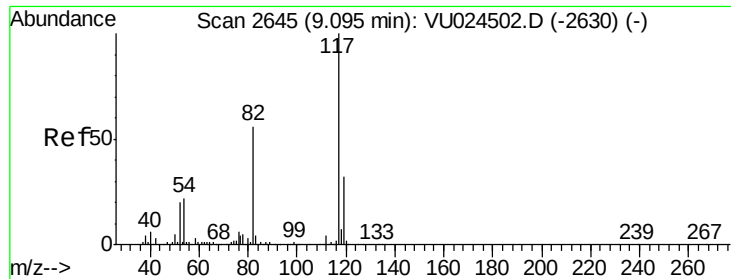
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.876 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	165.8
176	83.7	0.0	159.4





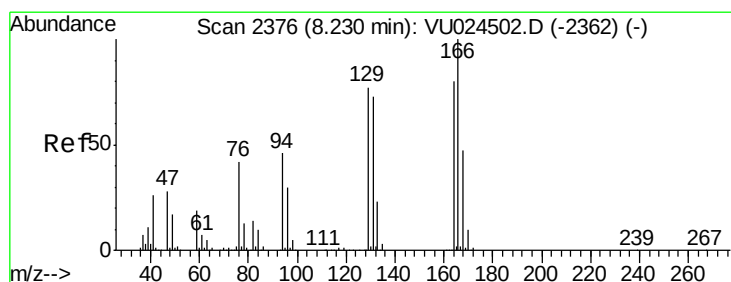
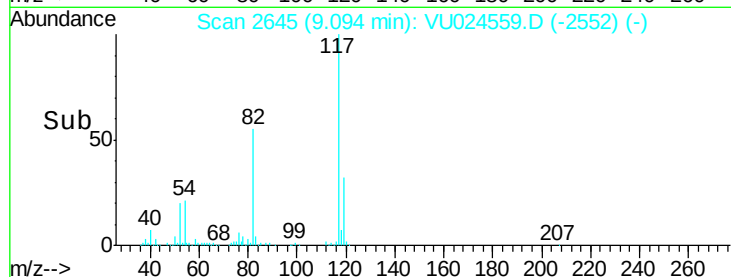
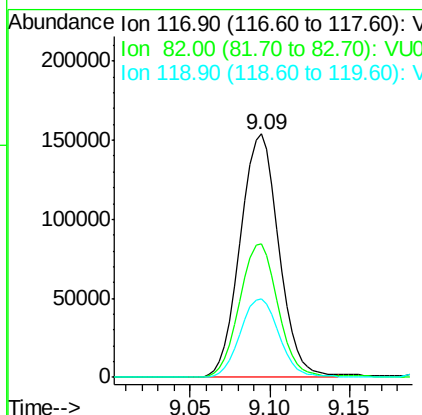
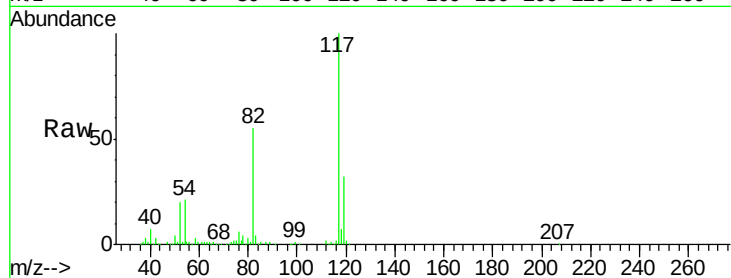
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	253439		
82	54.9		44.3	66.5
119	32.2		25.4	38.2

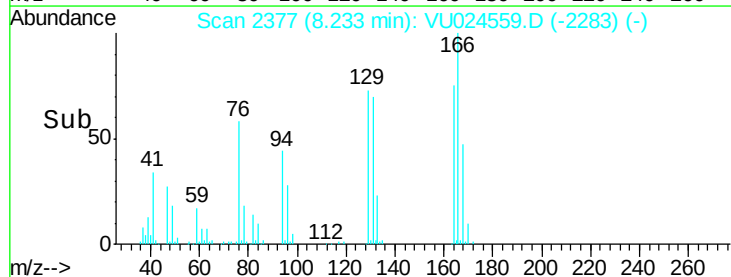
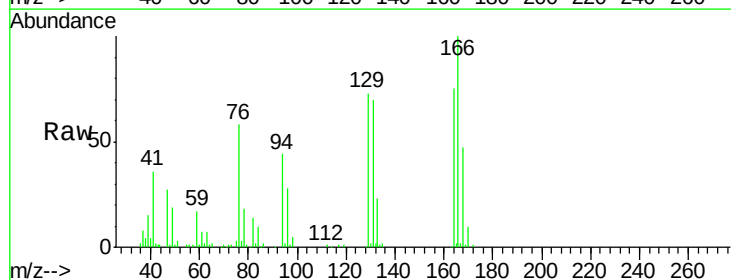
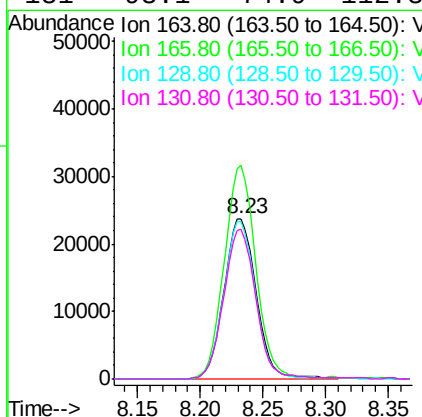
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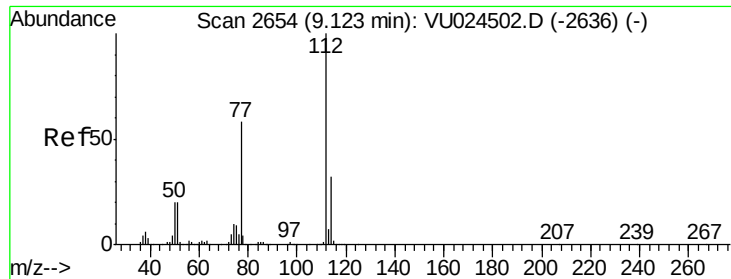
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#64
Tetrachloroethene
Concen: 17.602 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	42405		
166	133.2		101.7	152.5
129	97.9		76.9	115.3
131	93.1		74.9	112.3





#65

Chlorobenzene

Concen: 19.016 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion:112 Resp: 123118

Ion Ratio Lower Upper

112 100

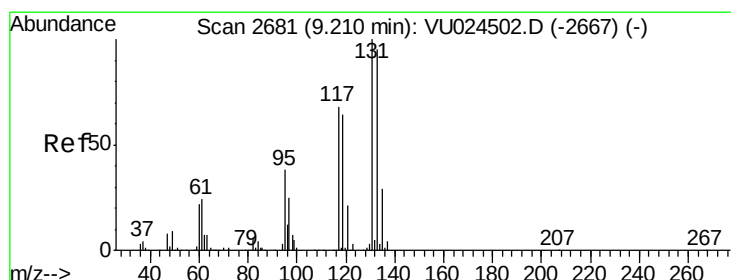
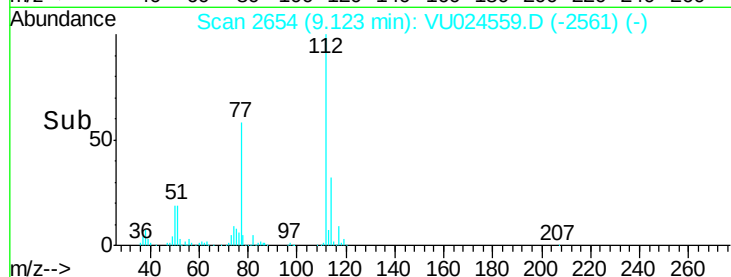
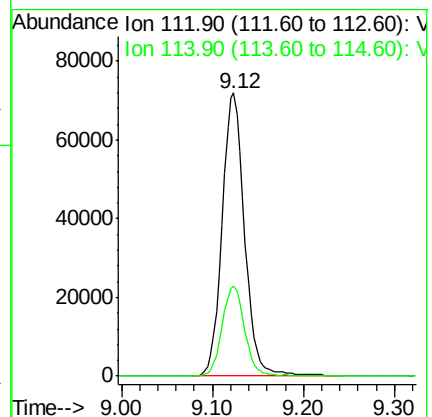
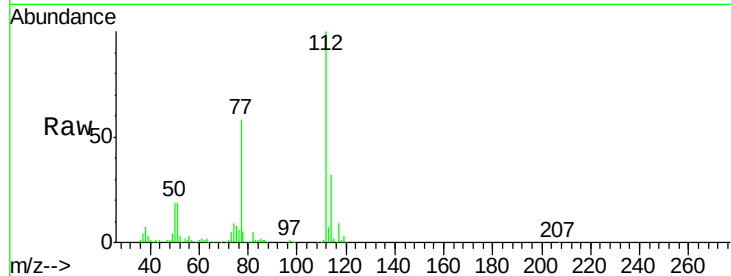
114 31.9 25.6 38.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.839 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

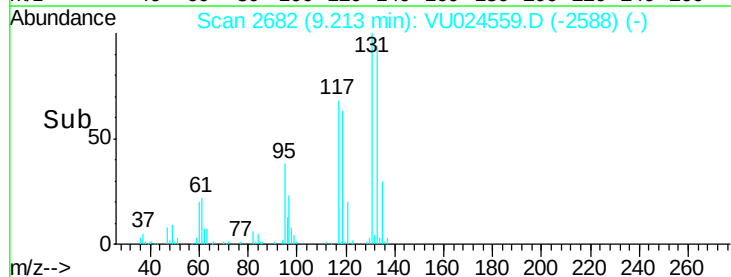
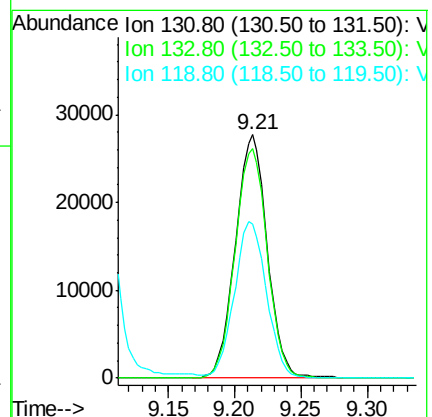
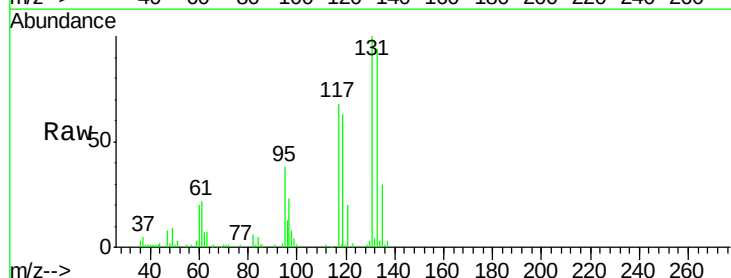
Tgt Ion:131 Resp: 46340

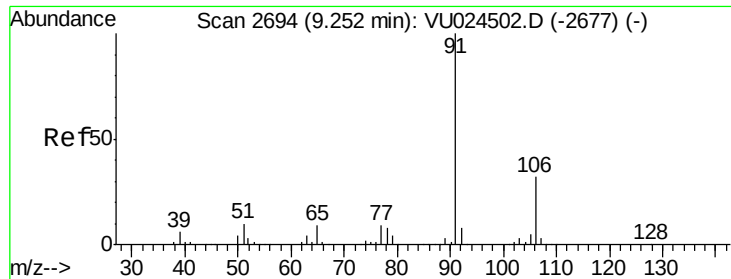
Ion Ratio Lower Upper

131 100

133 95.1 46.9 140.8

119 64.8 33.5 100.4





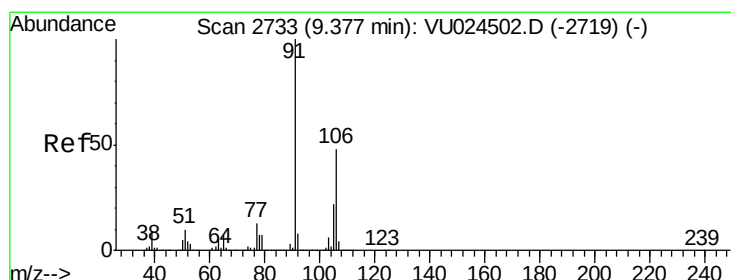
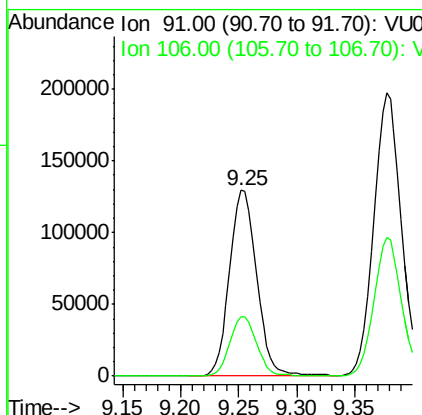
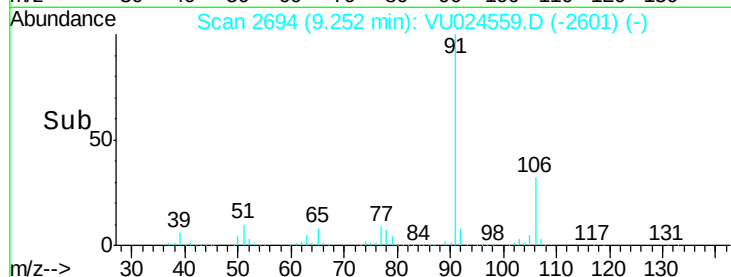
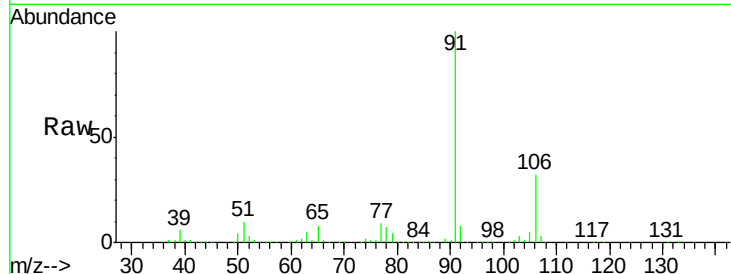
#67
Ethyl Benzene
Concen: 18.651 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion: 91 Resp: 211691
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4

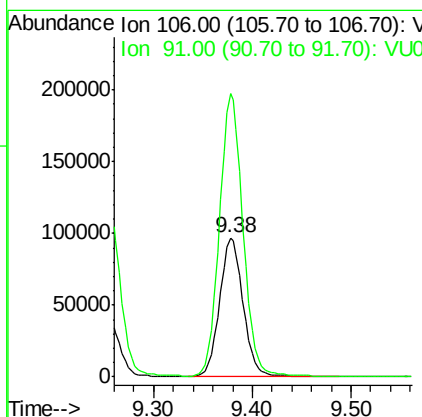
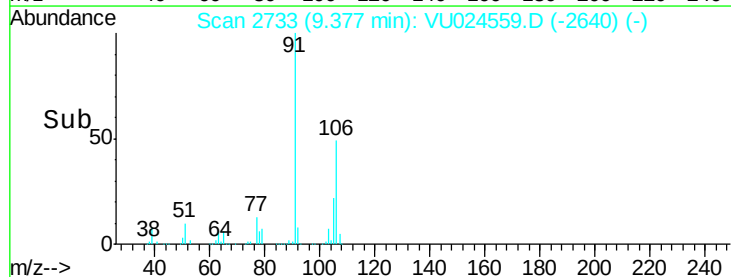
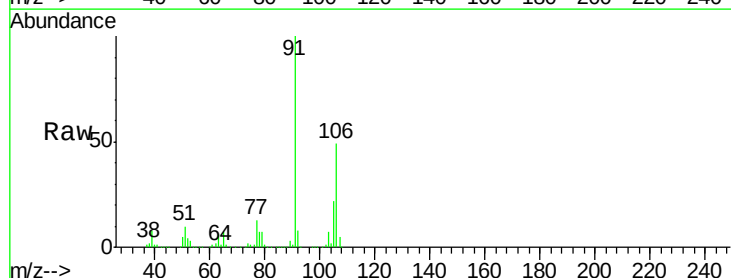
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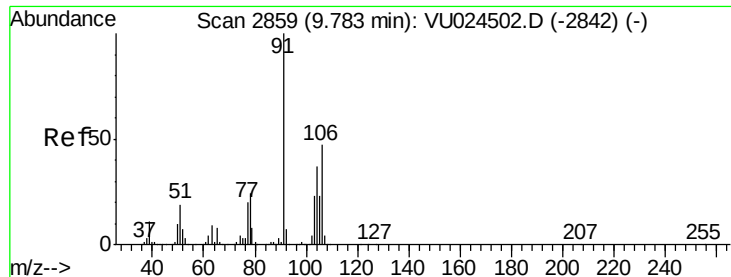
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#68
m/p-Xylenes
Concen: 37.476 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion: 106 Resp: 163336
Ion Ratio Lower Upper
106 100
91 203.0 166.5 249.7





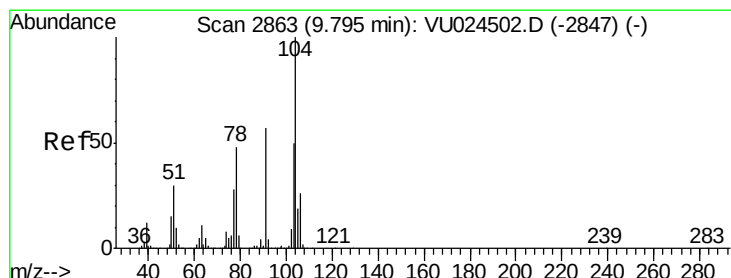
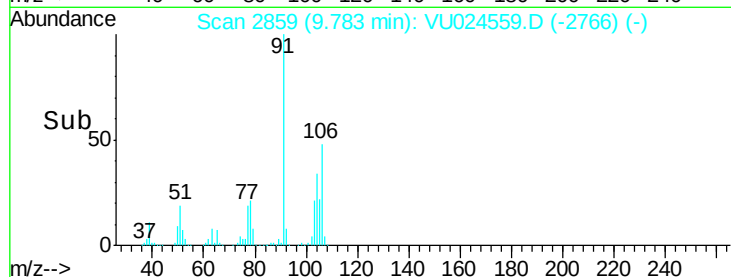
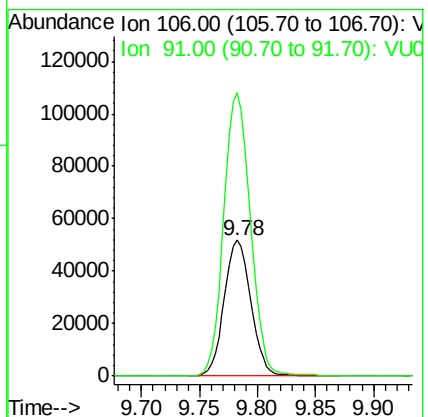
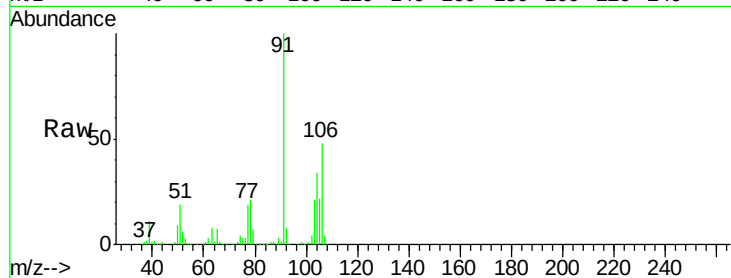
#69
o-Xylene
Concen: 19.193 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

Tot Ion:106 Resp: 82787
Ion Ratio Lower Upper
106 100
91 208.3 110.7 331.9

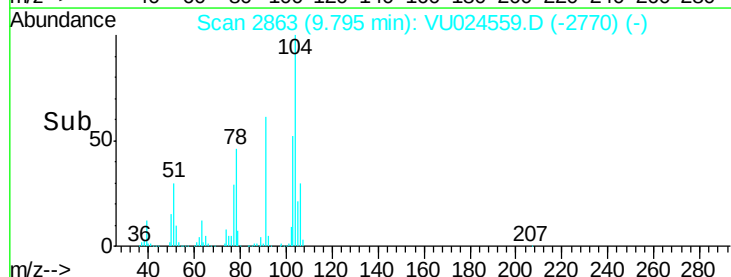
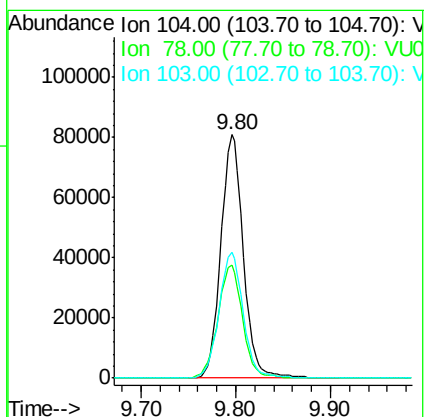
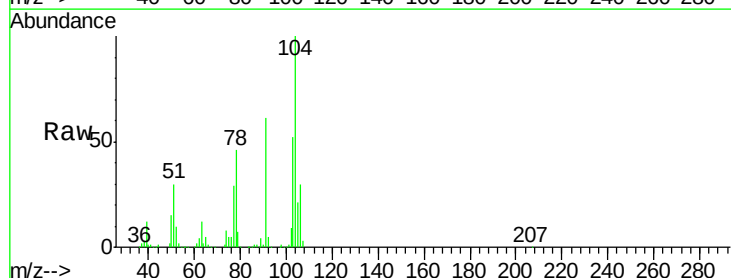
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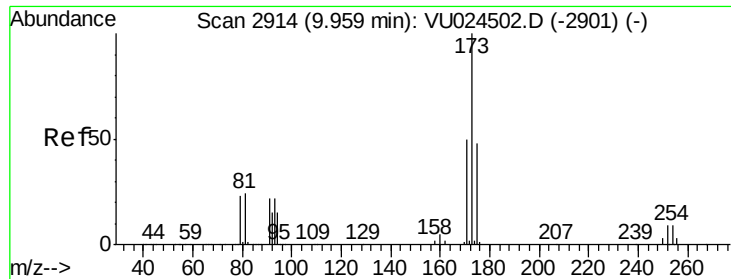
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#70
Styrene
Concen: 18.853 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion:104 Resp: 133636
Ion Ratio Lower Upper
104 100
78 50.9 40.6 60.8
103 55.5 44.7 67.1





#71

Bromoform

Concen: 18.034 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

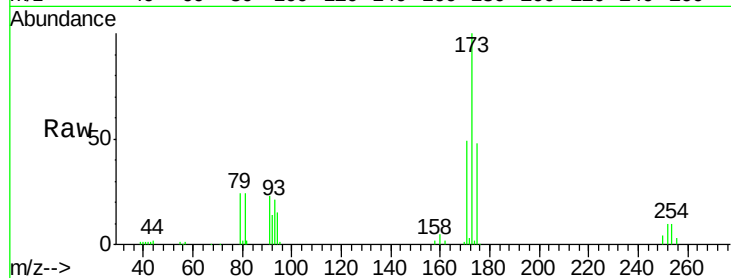
ClientSampleId :

VU0614WBS02

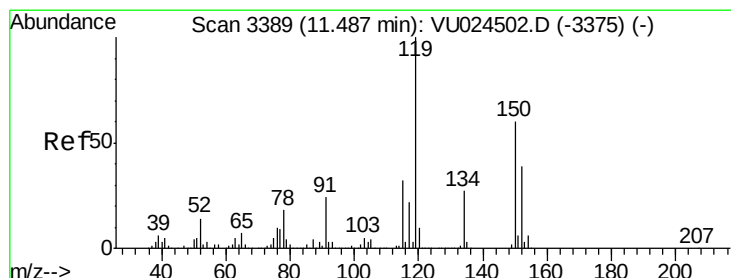
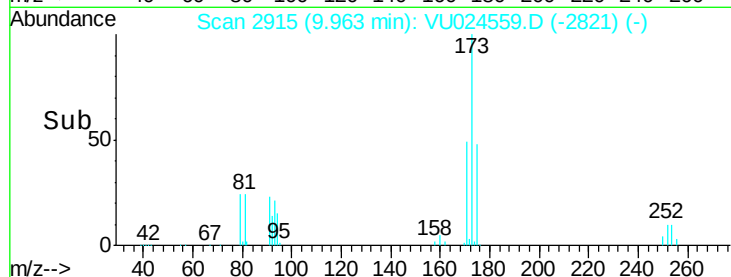
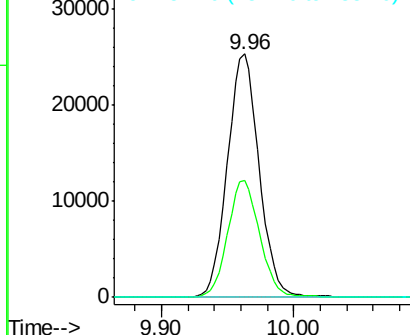
Tot Ion:	173	Resp:	42163
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.6	74.0
254	0.0	0.0	0.0

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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

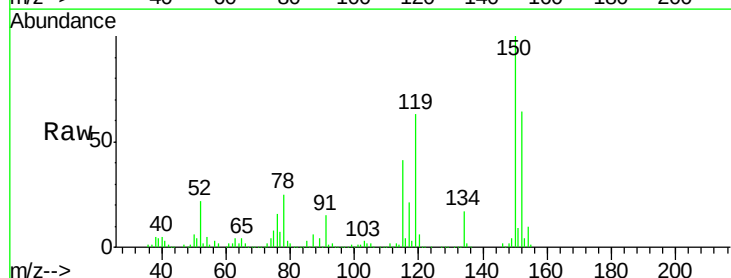
RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

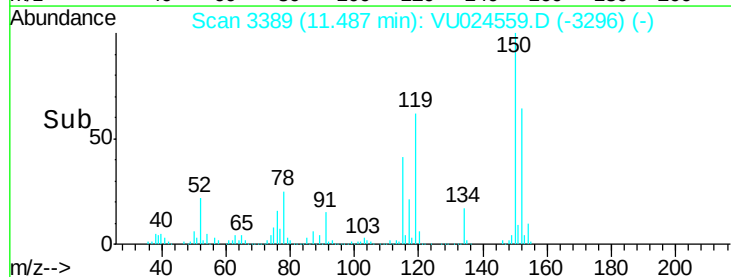
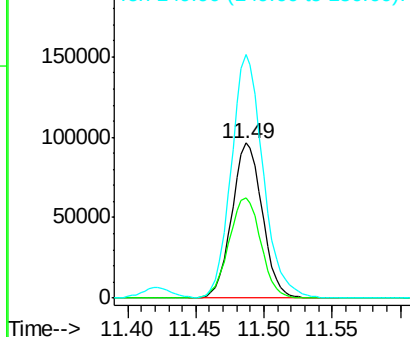
Lab File: VU024559.D

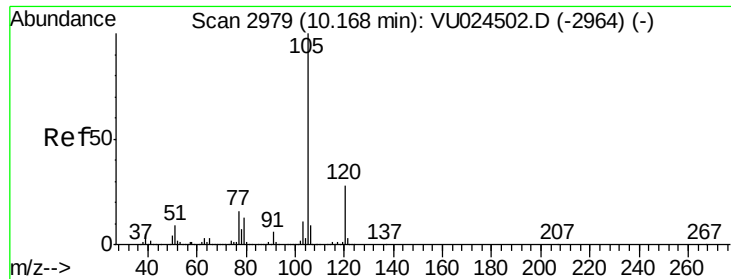
Acq: 14 Jun 2018 23:26

Tgt Ion:	152	Resp:	149591
Ion Ratio	Lower	Upper	
152	100		
115	67.8	43.0	129.0
150	163.2	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: 18.387 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion: 105 Resp: 211176

Ion Ratio Lower Upper

105 100

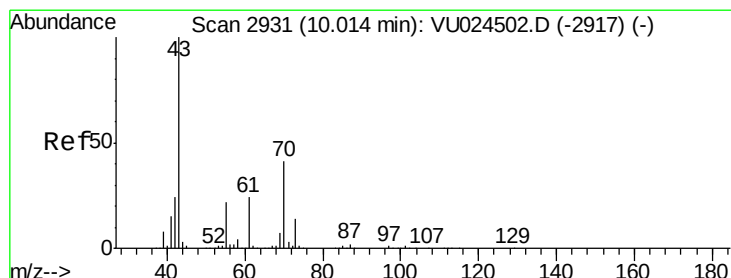
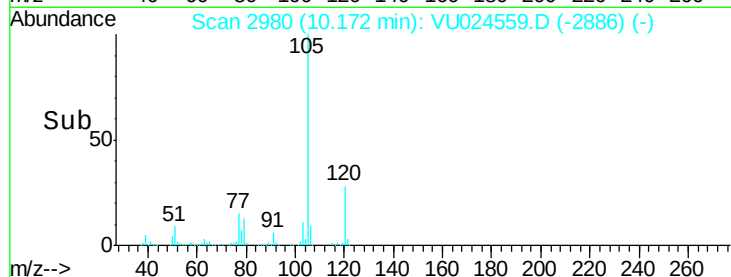
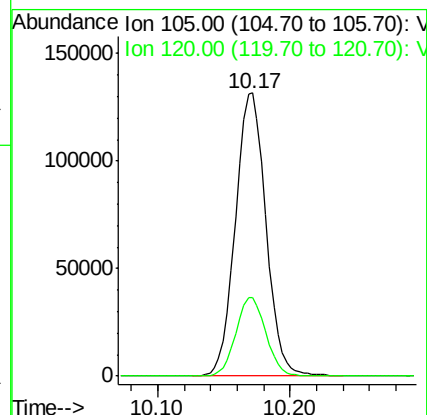
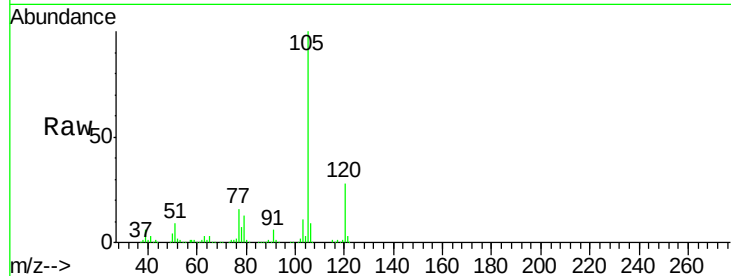
120 27.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 18.107 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion: 43 Resp: 98913

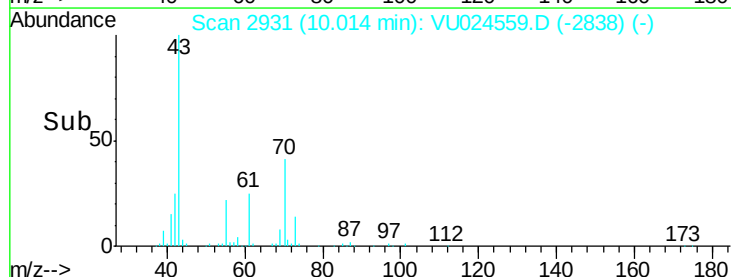
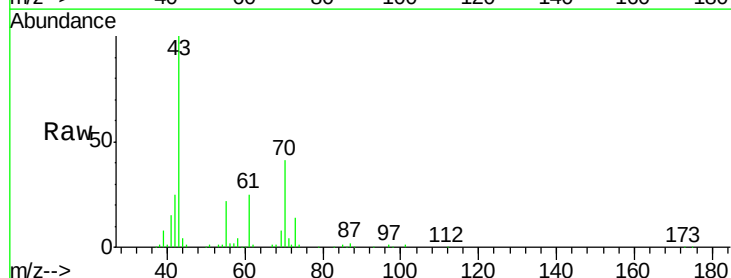
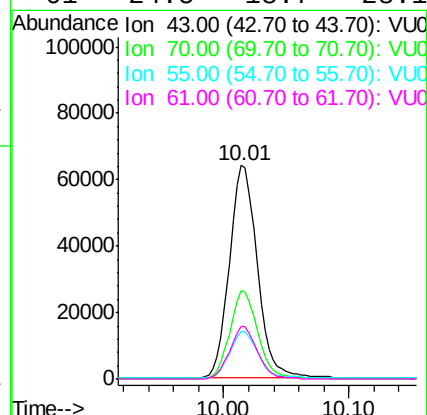
Ion Ratio Lower Upper

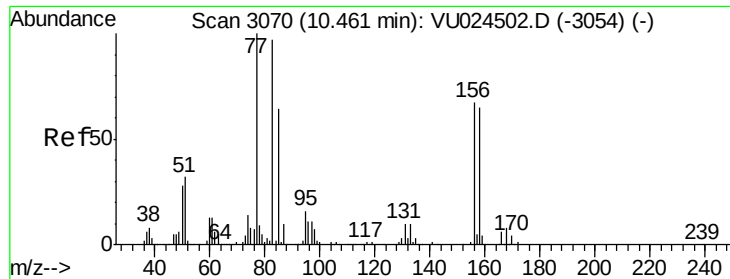
43 100

70 42.2 32.2 48.4

55 22.4 20.5 30.7

61 24.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.350 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion: 83 Resp: 74473

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.1

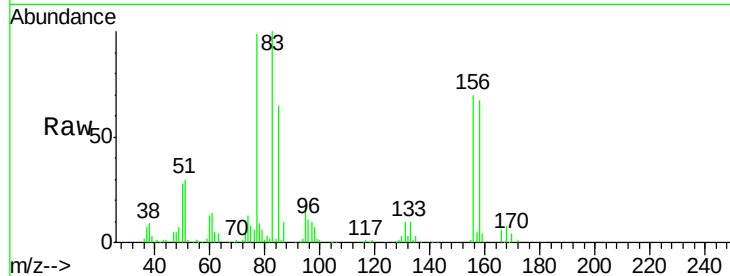
85 64.4 32.5 97.5

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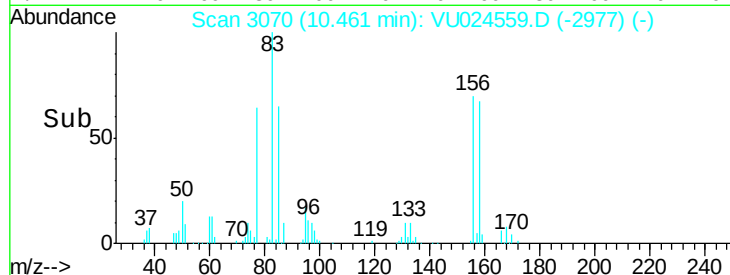


Abundance Ion 82.90 (82.60 to 83.60): VU024559.D (-2977) (-)

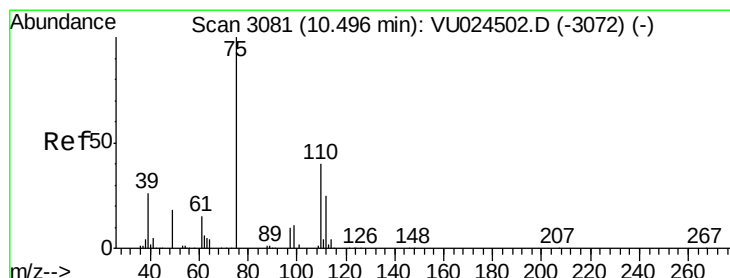
Ion 130.80 (130.50 to 131.50): VU024559.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024559.D (-2977) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 19.357 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024559.D

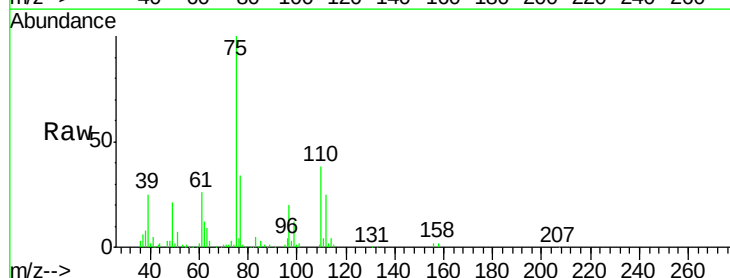
Acq: 14 Jun 2018 23:26

Tgt Ion: 75 Resp: 63752

Ion Ratio Lower Upper

75 100

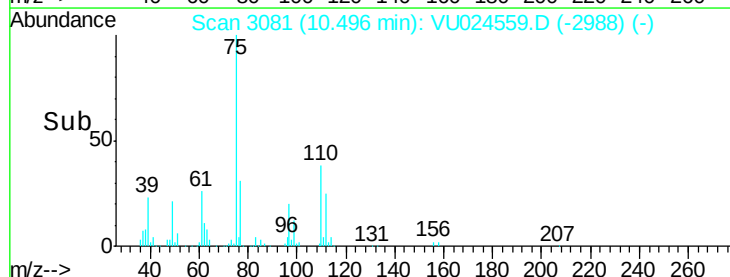
77 40.8 20.9 62.7



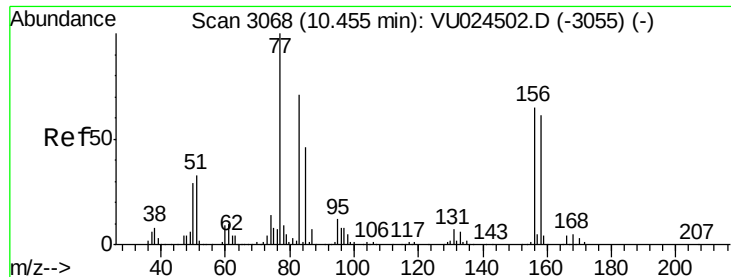
Abundance Ion 74.90 (74.60 to 75.60): VU024559.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024559.D (-2988) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 19.280 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

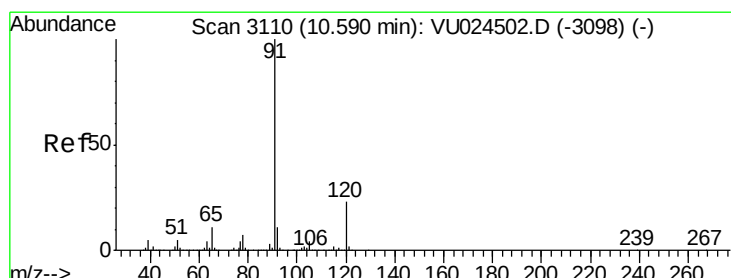
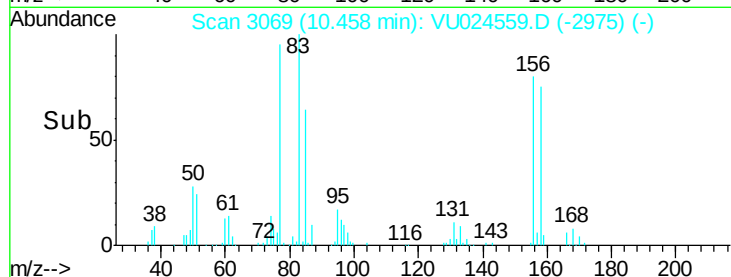
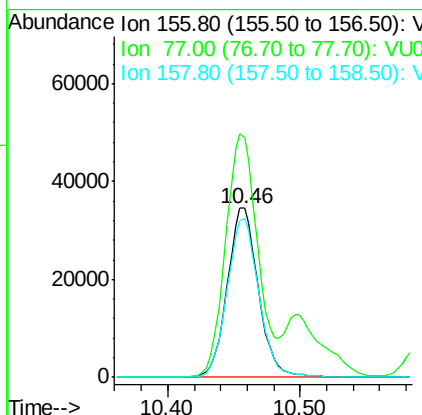
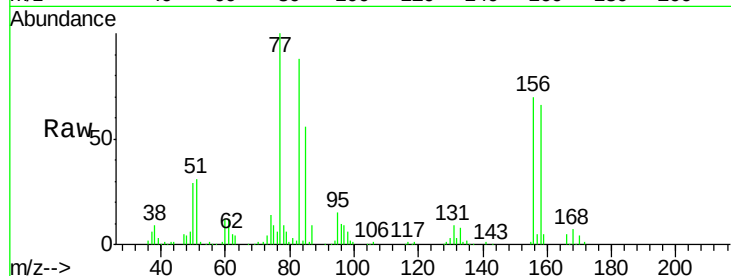
ClientSampleId :

VU0614WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		56058		
77	150.1		80.5	241.3	
158	96.2		48.2	144.6	

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#78

n-propylbenzene

Concen: 18.506 ug/l

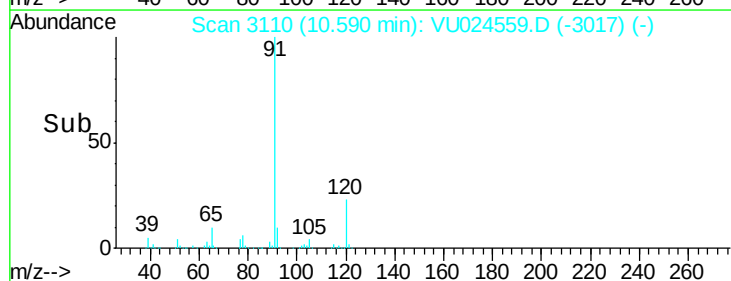
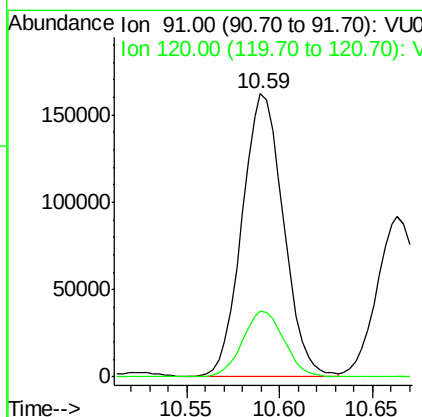
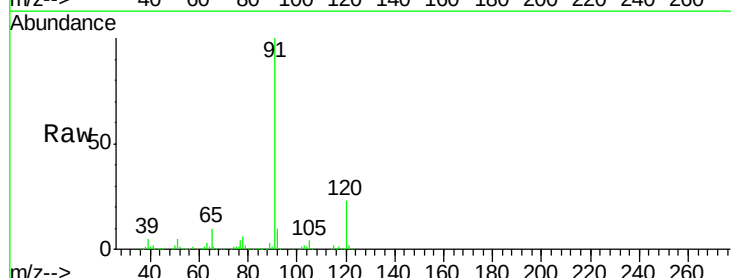
RT: 10.59 min Scan# 3110

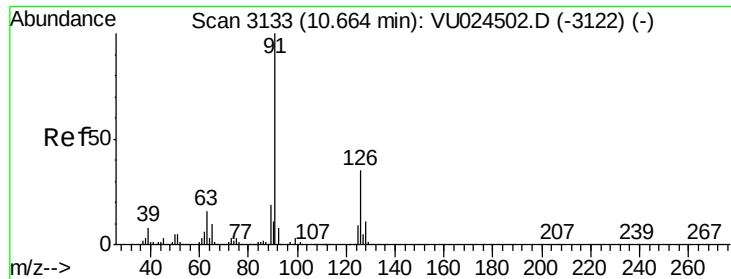
Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		250373		
120	23.4		11.2	33.5	





#79

2-Chlorotoluene

Concen: 18.225 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion: 91 Resp: 145404

Ion Ratio Lower Upper

91 100

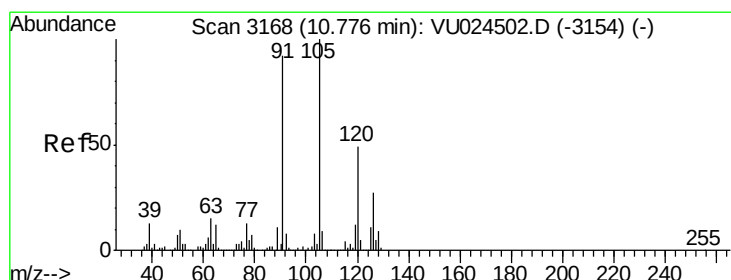
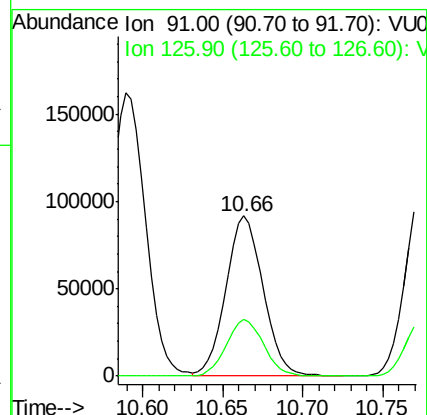
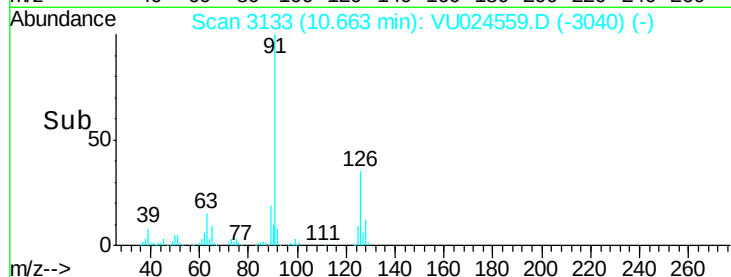
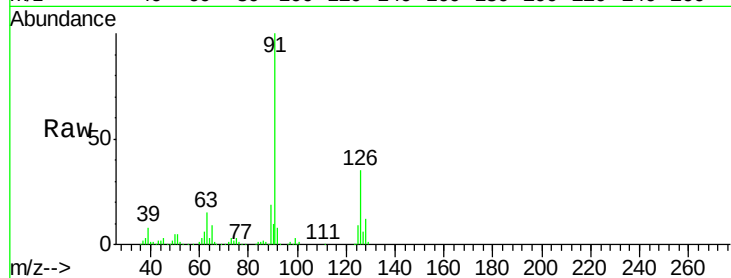
126 35.5 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 18.143 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024559.D

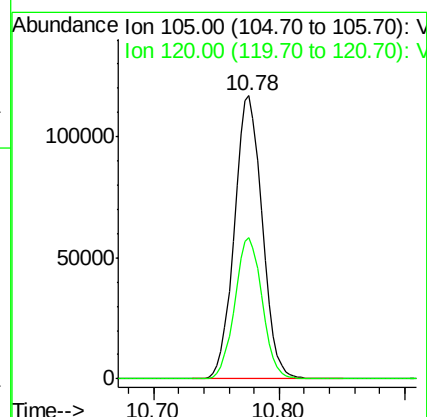
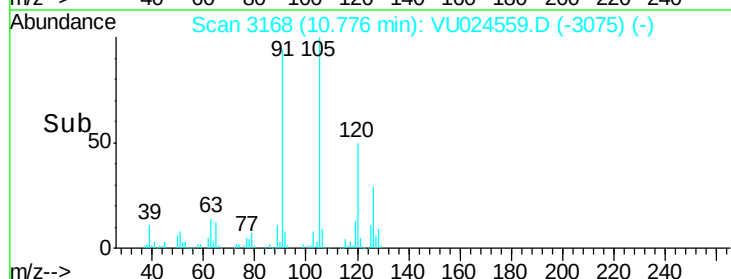
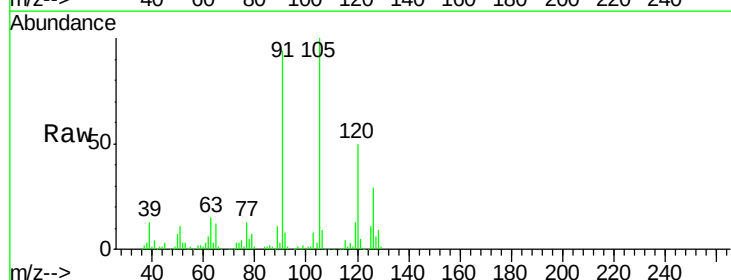
Acq: 14 Jun 2018 23:26

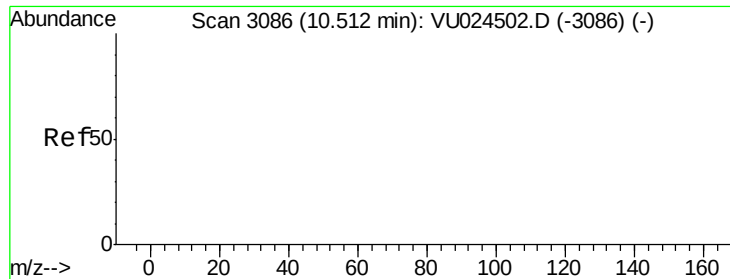
Tgt Ion: 105 Resp: 180608

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.2





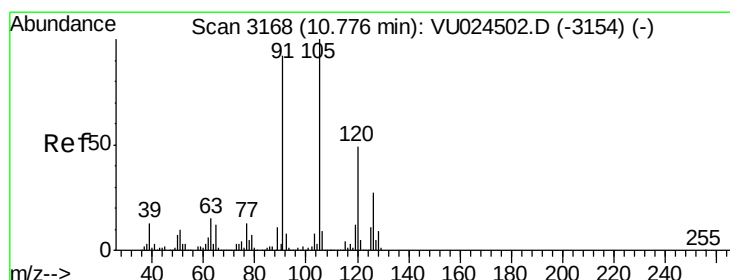
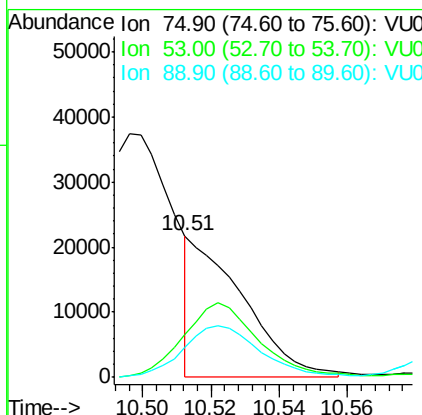
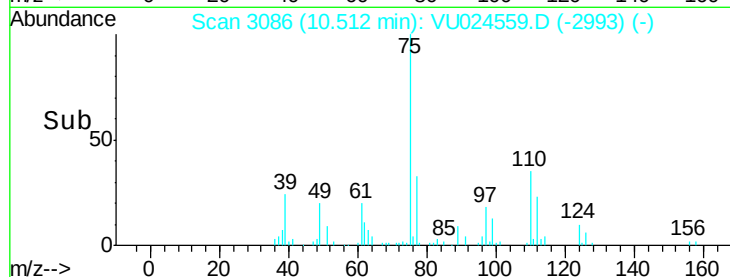
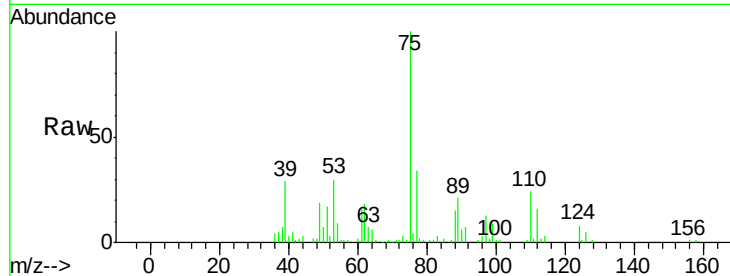
#81
trans-1,4-Dichloro-2-butene
Concen: 16.183 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBS02

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

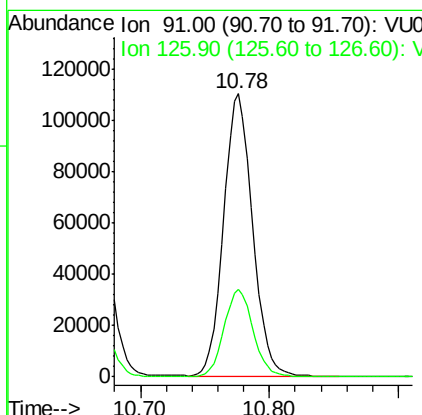
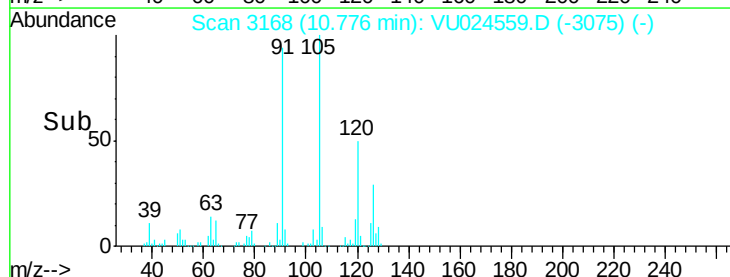
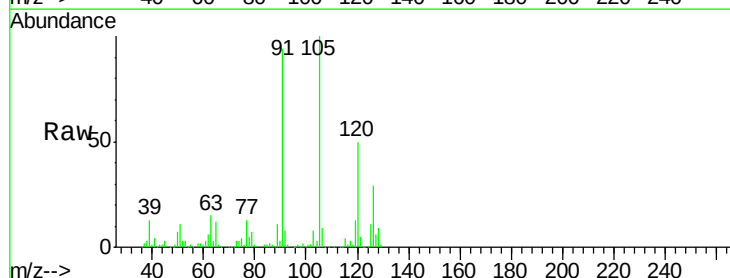
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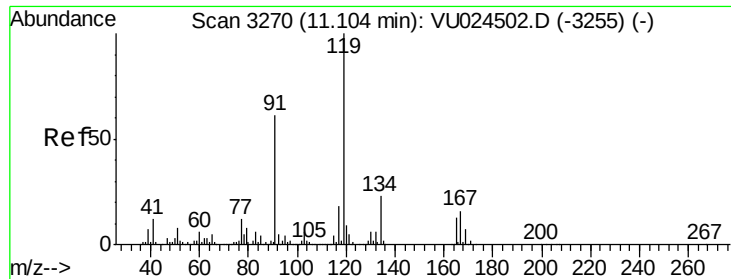
apatel
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#82
4-Chlorotoluene
Concen: 18.453 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024559.D
Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	14.9	44.9





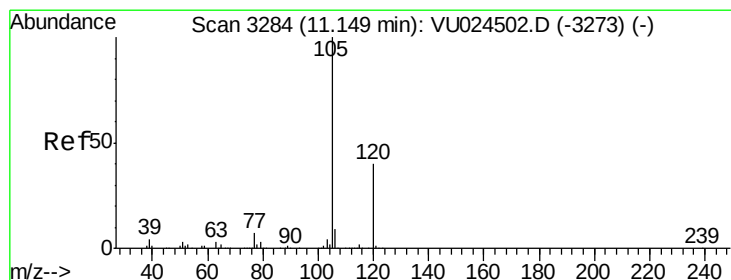
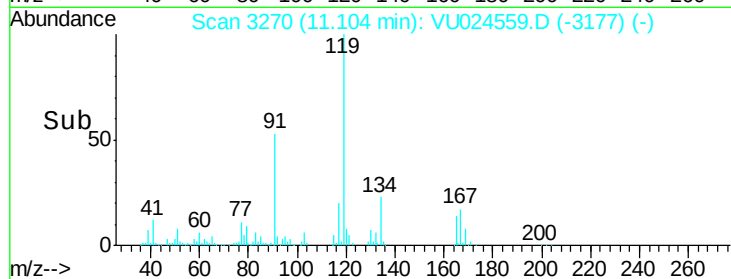
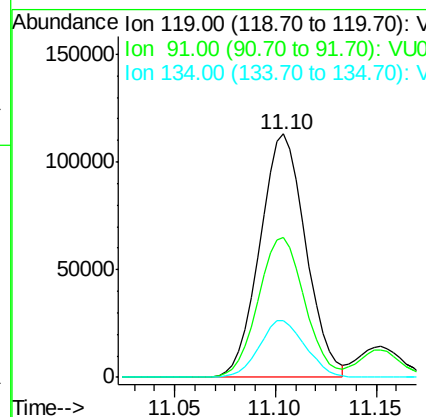
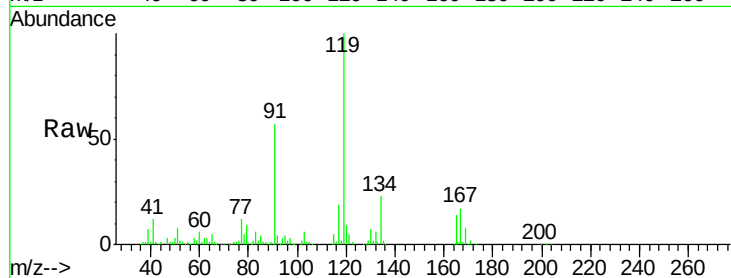
#83
 tert-Butylbenzene
 Concen: 18.716 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	179213		
91	58.4	29.7	89.1	
134	23.2	11.6	34.7	

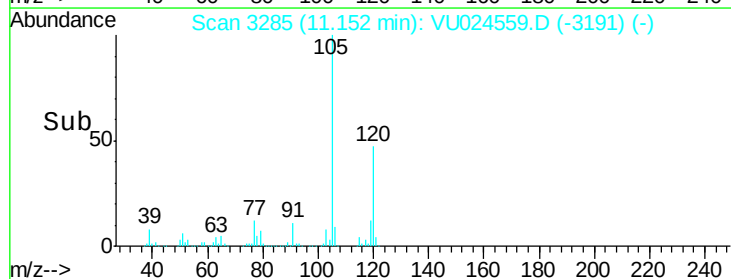
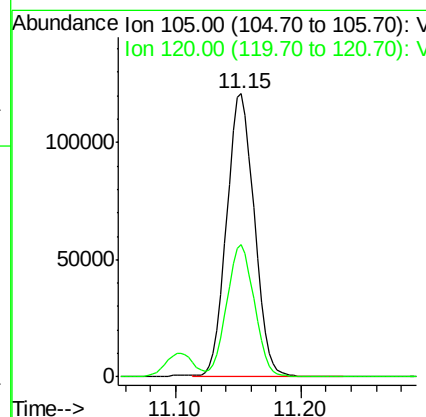
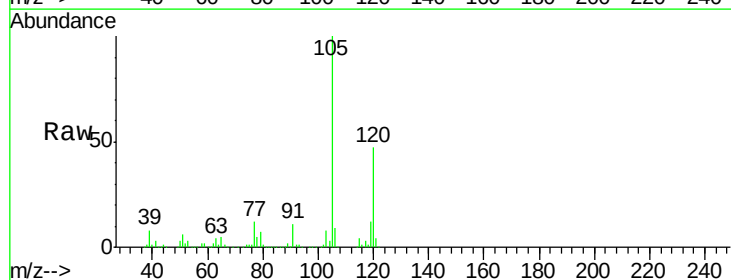
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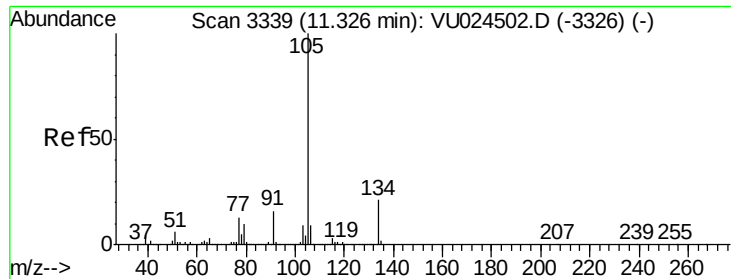
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.233 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184966		
120	46.7	22.6	67.8	





#85

sec-Butylbenzene

Concen: 18.412 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBS02

Tot Ion:105 Resp: 220686

Ion Ratio Lower Upper

105 100

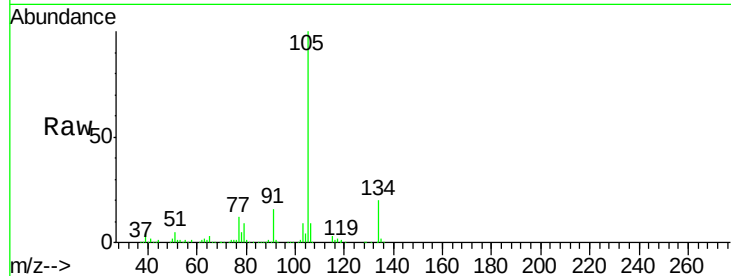
134 20.5 9.7 29.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

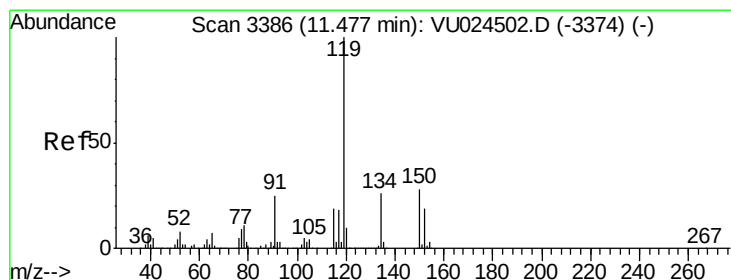
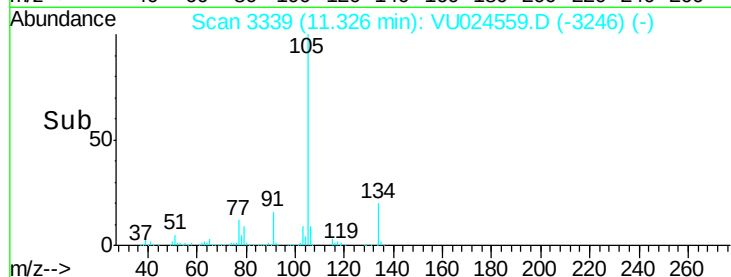
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.806 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

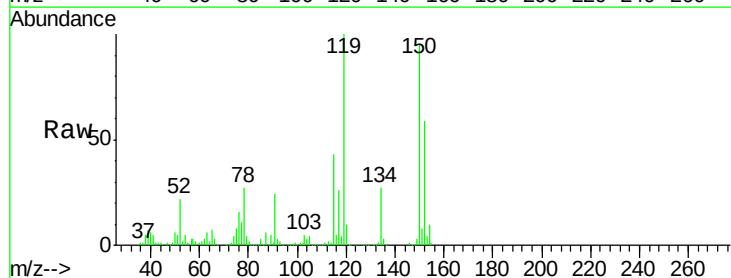
Tgt Ion:119 Resp: 191145

Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 24.8 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

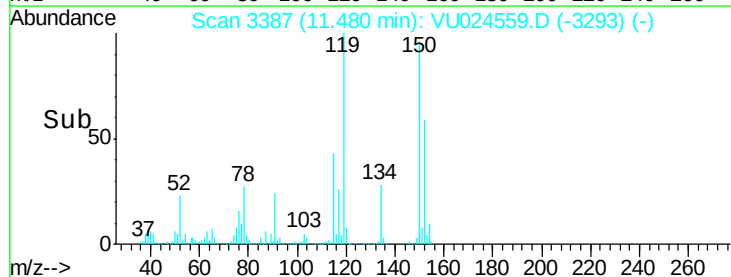
150000

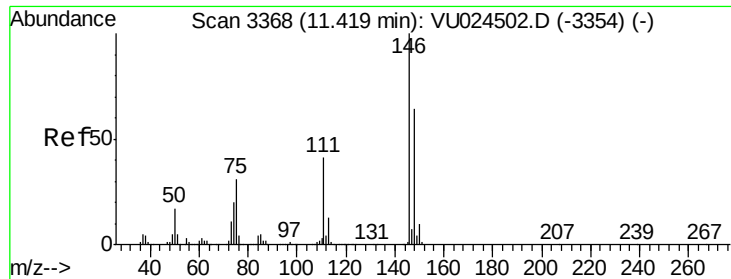
100000

50000

0

Time-->





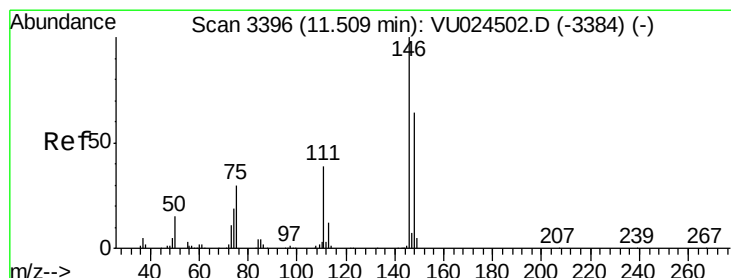
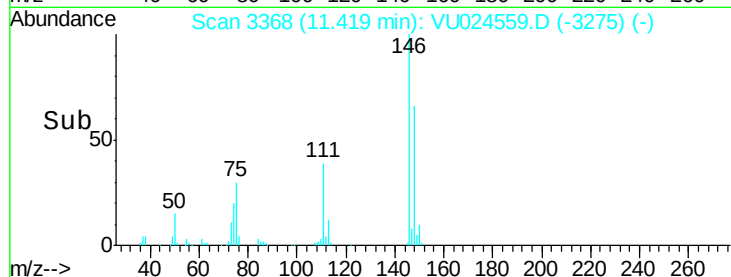
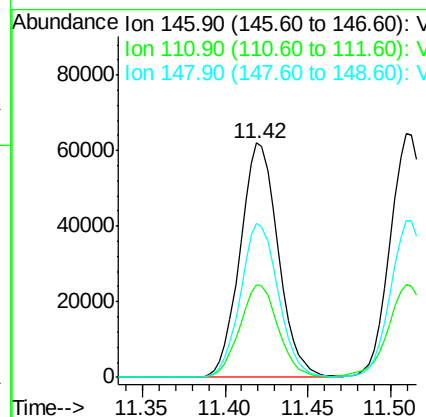
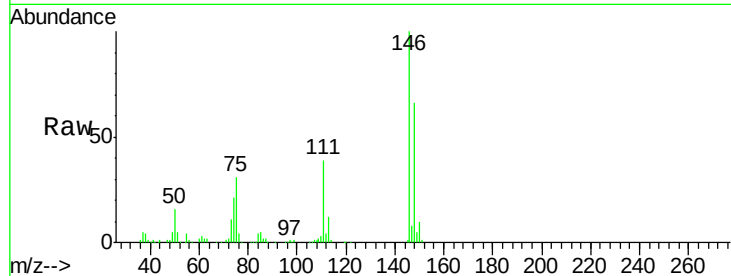
#87
 1,3-Dichlorobenzene
 Concen: 18.482 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	65.1	32.1	96.5

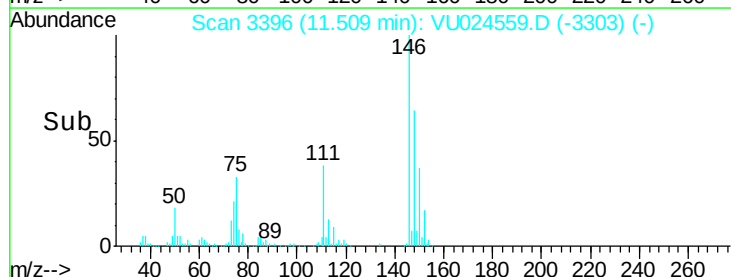
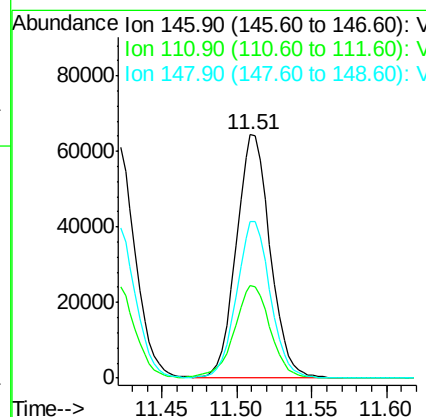
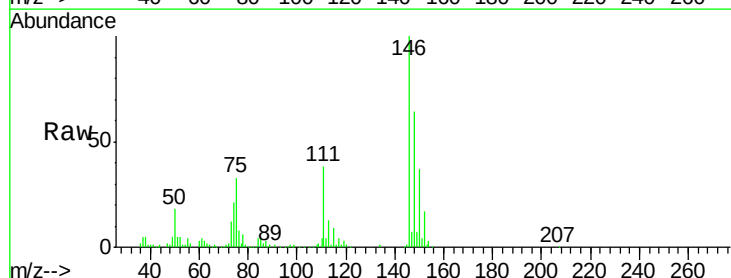
Manual Integrations
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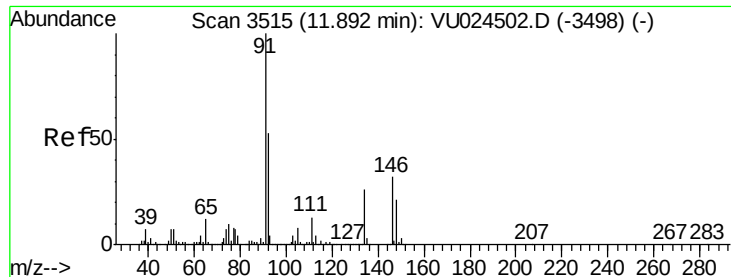
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#88
 1,4-Dichlorobenzene
 Concen: 18.703 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 18.290 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

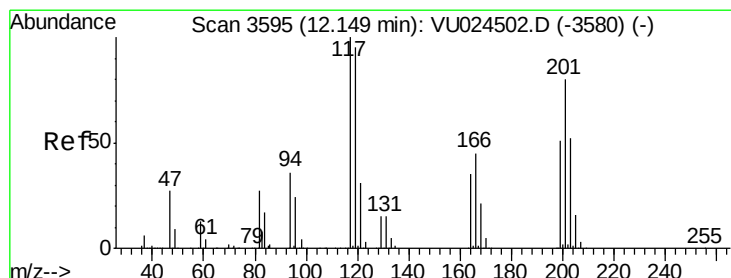
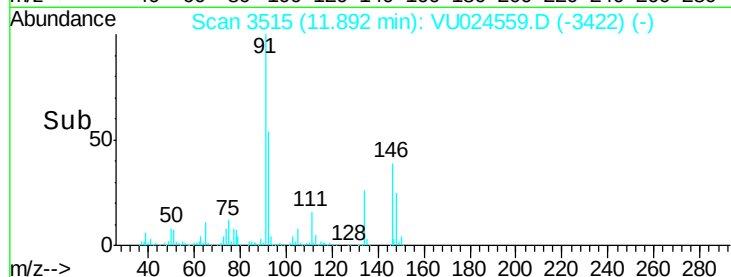
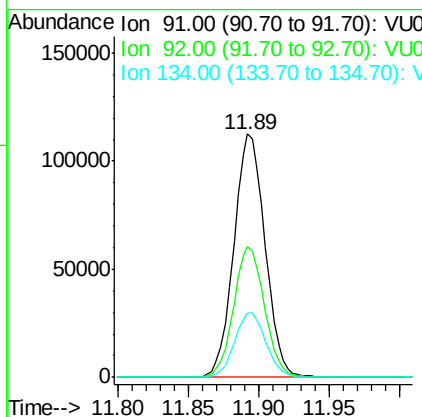
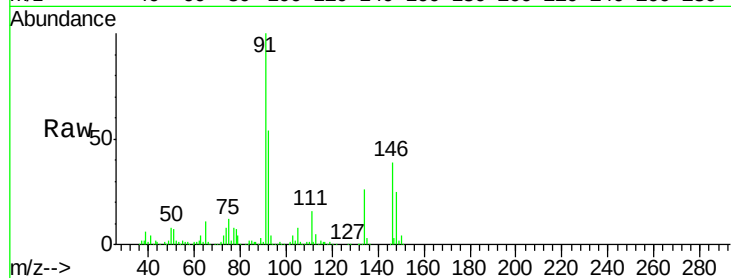
ClientSampleId :

VU0614WBS02

Tot Ion:	91	Resp:	174312
Ion Ratio	Lower	Upper	
91	100		
92	53.3	25.6	76.8
134	26.5	12.3	36.8

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#90

Hexachloroethane

Concen: 17.646 ug/l

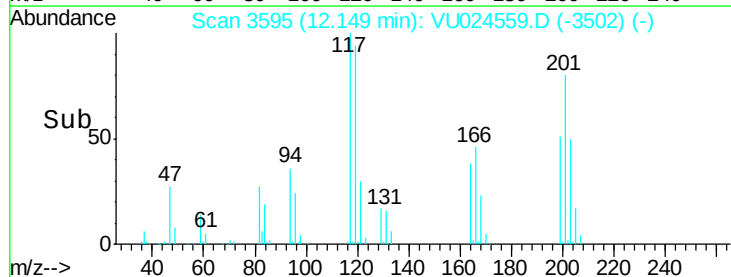
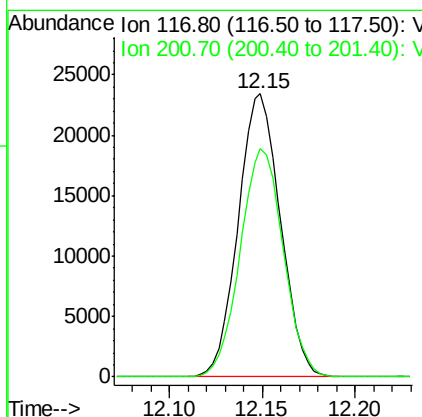
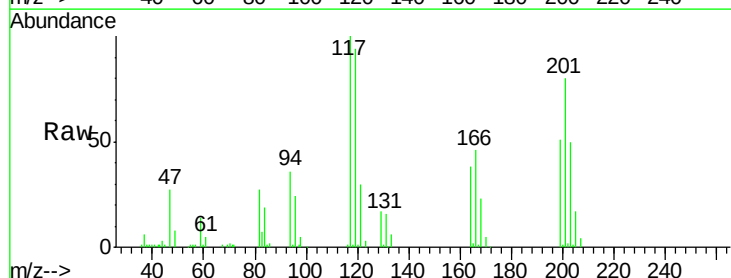
RT: 12.15 min Scan# 3595

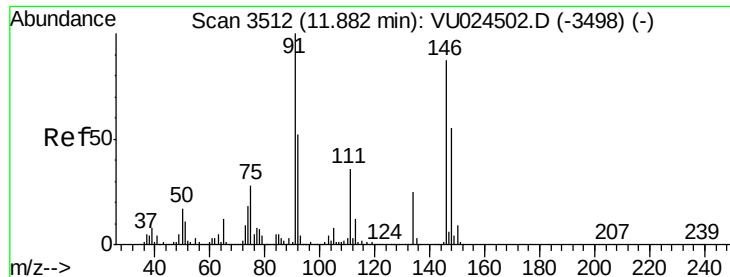
Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	117	Resp:	36952
Ion Ratio	Lower	Upper	
117	100		
201	82.3	41.1	123.3





#91

1,2-Dichlorobenzene

Concen: 18.556 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

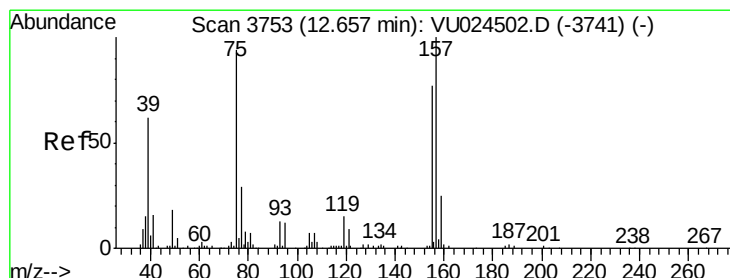
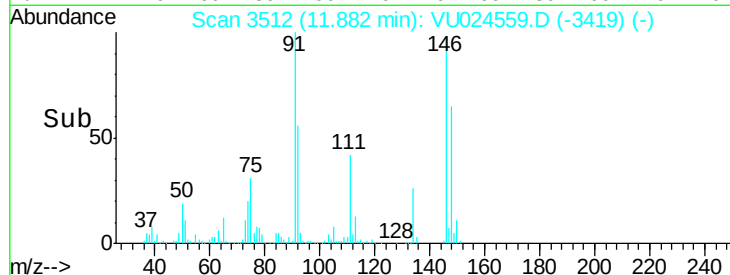
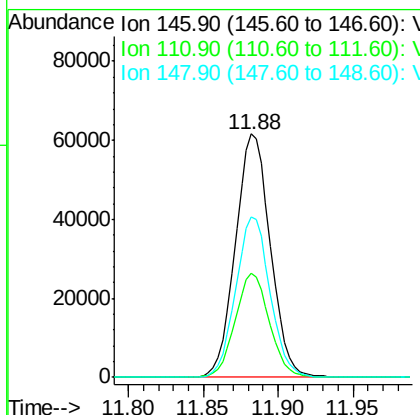
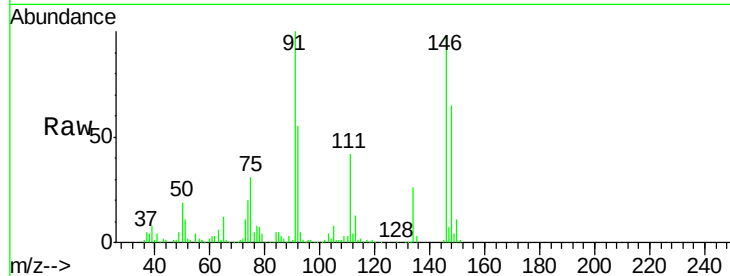
ClientSampleId :

VU0614WBS02

Tot Ion:	146	Resp:	99839
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.5	61.6
148	64.9	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.335 ug/l

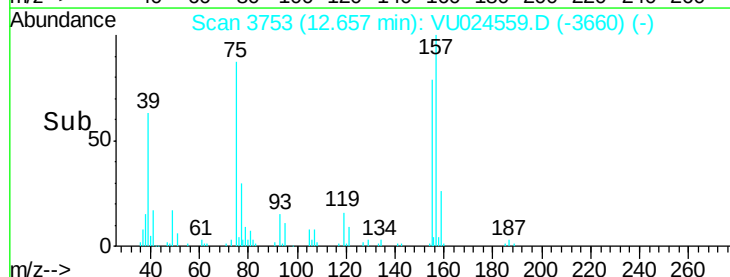
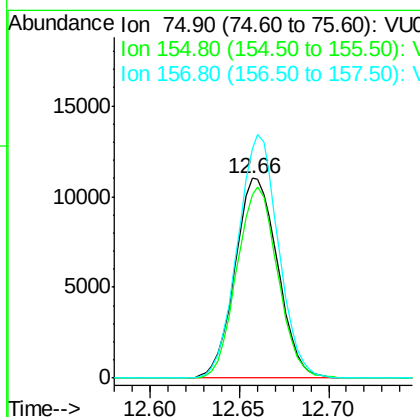
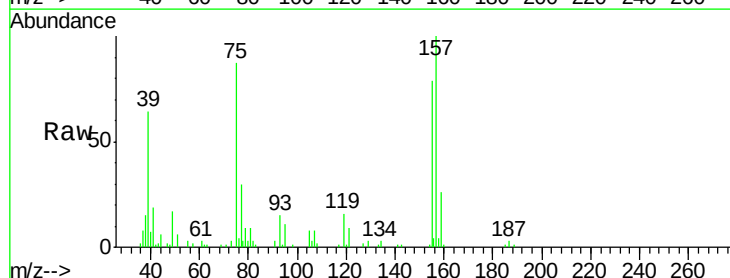
RT: 12.66 min Scan# 3753

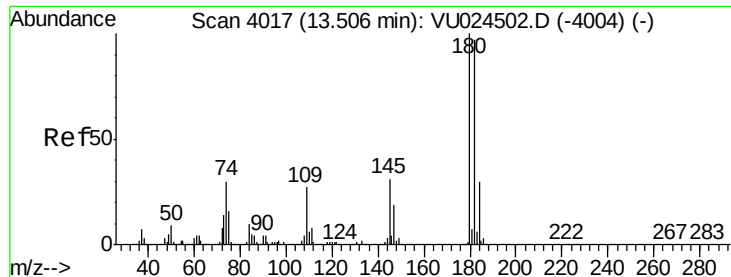
Delta R.T. -0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	75	Resp:	18409
Ion Ratio	Lower	Upper	
75	100		
155	91.5	40.4	121.2
157	116.6	52.3	156.8





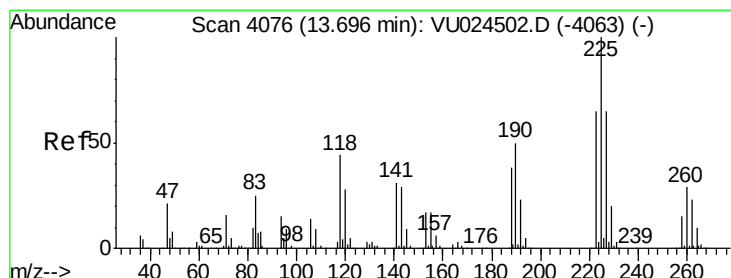
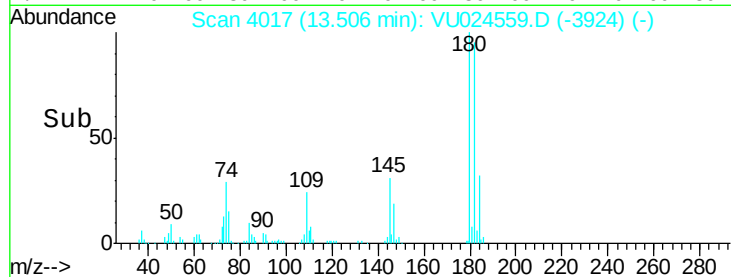
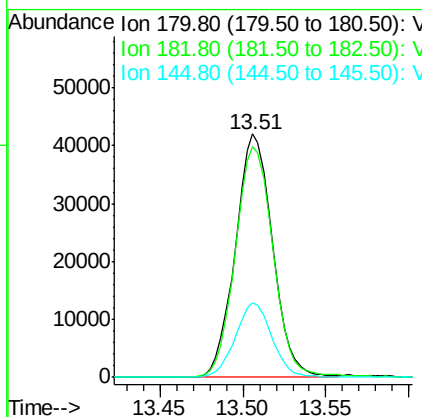
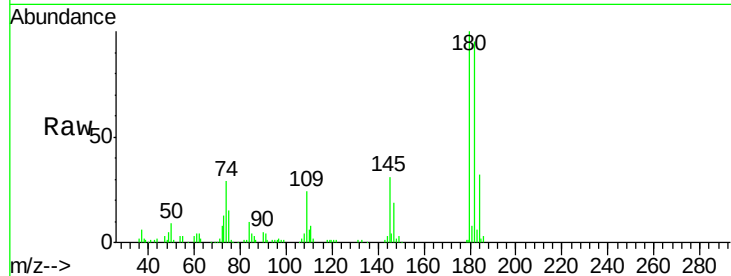
#93
 1,2,4-Trichlorobenzene
 Concen: 19.799 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.2
145	30.1	14.7	44.1

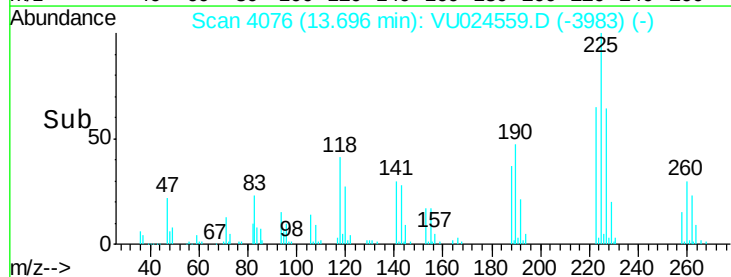
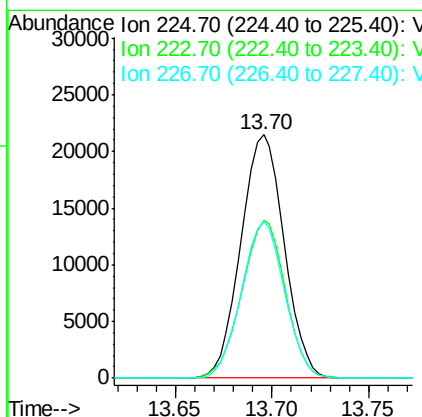
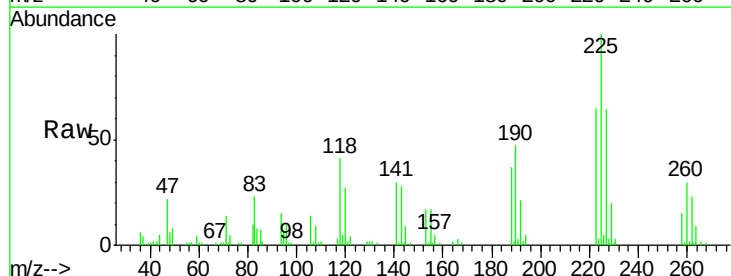
Manual Integrations
 APPROVED

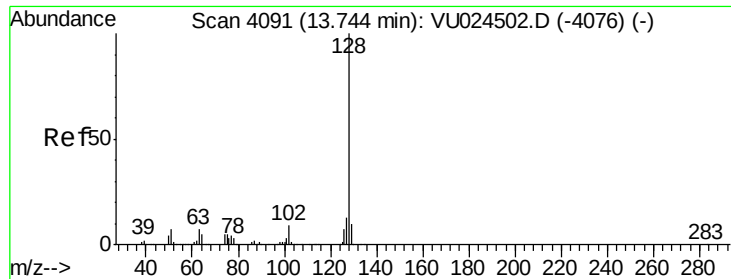
apatel
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#94
 Hexachlorobutadiene
 Concen: 17.892 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024559.D
 Acq: 14 Jun 2018 23:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.3	93.8
227	63.8	31.8	95.4





#95

Naphthalene

Concen: 19.117 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Instrument :

MSVOA_U

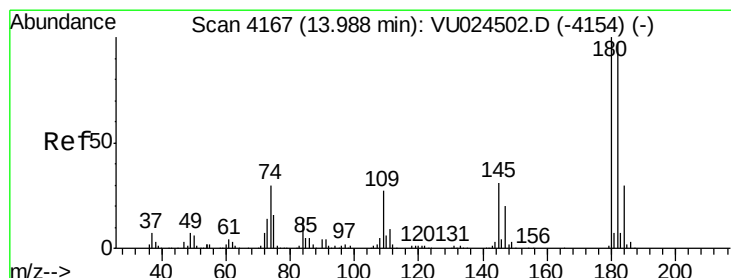
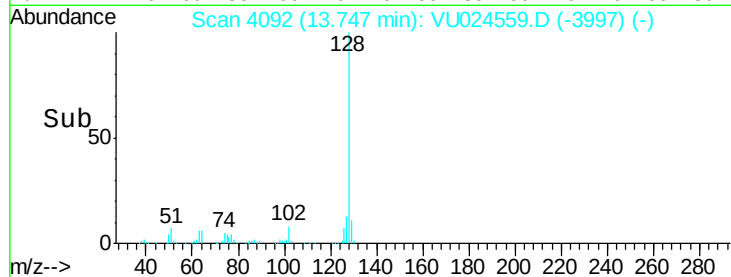
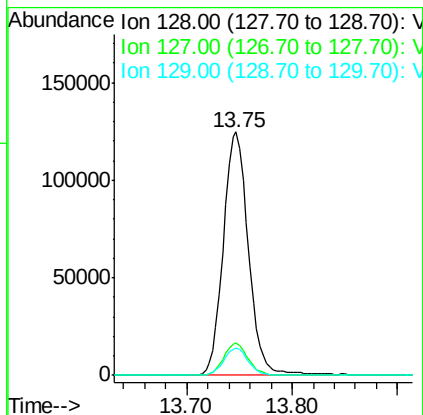
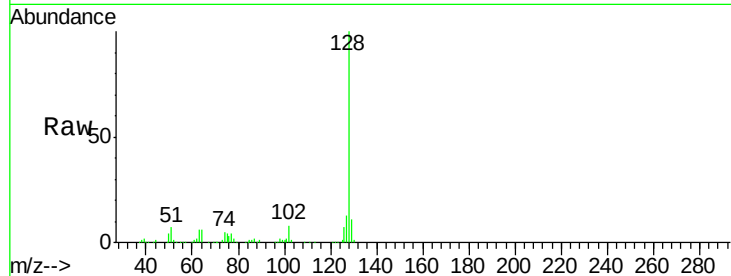
ClientSampleId :

VU0614WBS02

Tot Ion:	128	Resp:	205601
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations
APPROVED

apatel
6/15/2018 3:29:23 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.480 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024559.D

Acq: 14 Jun 2018 23:26

Tgt Ion:	180	Resp:	67805
Ion Ratio	Lower	Upper	
180	100		
182	98.0	47.9	143.7
145	31.2	15.4	46.1

