

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024761.D
 Acq On : 20 Jun 2018 16:36
 Operator : MD/SY
 Sample : VU0620WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBSD01

Manual Integrations
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 6/21/2018 1:44:41 PM

Quant Time: Jun 20 17:55:20 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	175750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	270330	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	249638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	115690	40.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.64%	
35) Dibromofluoromethane	4.89	113	95562	42.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.18%	
50) Toluene-d8	7.57	98	347759	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
62) 4-Bromofluorobenzene	10.31	95	131629	40.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	41266	18.76	ug/l	98
3) Chloromethane	1.33	50	46635	20.75	ug/l	99
4) Vinyl Chloride	1.40	62	47879	20.66	ug/l	100
5) Bromomethane	1.62	94	27010	24.11	ug/l	94
6) Chloroethane	1.70	64	30522	23.00	ug/l	98
7) Trichlorofluoromethane	1.89	101	74795	21.15	ug/l	97
8) Diethyl Ether	2.10	74	27635	21.90	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42414	19.33	ug/l	98
10) Methyl Iodide	2.41	142	35734	22.49	ug/l	99
11) Tert butyl alcohol	2.82	59	61897	88.70	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39023	19.50	ug/l	93
13) Acrolein	2.19	56	32195	87.86	ug/l	97
14) Allyl chloride	2.59	41	67931	18.28	ug/l	93
15) Acrylonitrile	2.93	53	144277	106.27	ug/l	99
16) Acetone	2.32	43	138025	89.53	ug/l	98
17) Carbon Disulfide	2.48	76	114298	17.84	ug/l	99
18) Methyl Acetate	2.62	43	71638	21.68	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	147340	19.59	ug/l	96
20) Methylene Chloride	2.70	84	47672	19.71	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	42689	19.37	ug/l	95
22) Diisopropyl ether	3.57	45	148720	20.19	ug/l	96
23) Vinyl Acetate	3.53	43	654959	99.26	ug/l	100
24) 1,1-Dichloroethane	3.45	63	83465	19.70	ug/l	98
25) 2-Butanone	4.26	43	210298	101.56	ug/l	95
26) 2,2-Dichloropropane	4.23	77	73072	18.16	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	50794	20.05	ug/l	96
28) Bromochloromethane	4.55	49	36363	19.48	ug/l	90
29) Tetrahydrofuran	4.64	42	129835	101.25	ug/l	96
30) Chloroform	4.68	83	84942	19.81	ug/l	95
31) Cyclohexane	5.00	56	77328	19.34	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	74988	18.91	ug/l	96
36) 1,1-Dichloropropene	5.14	75	59400	18.70	ug/l	95
37) Ethyl Acetate	4.38	43	76970	22.23	ug/l	97
38) Carbon Tetrachloride	5.14	117	66719	19.10	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77204	19.48	ug/l	93
40) Benzene	5.39	78	184996	20.44	ug/l	100
41) Methacrylonitrile	4.55	41	40488	21.69	ug/l	95
42) 1,2-Dichloroethane	5.41	62	67515	19.58	ug/l	99
43) Isopropyl Acetate	5.55	43	119927	20.04	ug/l	97
44) Trichloroethene	6.19	130	50584	19.64	ug/l	92
45) 1,2-Dichloropropane	6.44	63	49883	20.65	ug/l	94
46) Dibromomethane	6.56	93	35208	20.75	ug/l	94
47) Bromodichloromethane	6.76	83	66023	19.54	ug/l	98
48) Methyl methacrylate	6.63	41	59113	20.28	ug/l	98
49) 1,4-Dioxane	6.62	88	25576	448.78	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	395987	105.32	ug/l	98
52) Toluene	7.64	92	117815	20.23	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	71307	18.80	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	76785	19.00	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	49400	20.87	ug/l	99
56) Ethyl methacrylate	8.02	69	80608	20.35	ug/l	98
57) 1,3-Dichloropropane	8.25	76	81041	20.29	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	136282	89.79	ug/l	96
59) 2-Hexanone	8.36	43	315097	102.65	ug/l	100
60) Dibromochloromethane	8.48	129	54545	18.48	ug/l	99
61) 1,2-Dibromoethane	8.59	107	53418	20.27	ug/l	99
64) Tetrachloroethene	8.23	164	43791	18.45	ug/l	97
65) Chlorobenzene	9.12	112	131028	20.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	50295	20.76	ug/l	98
67) Ethyl Benzene	9.25	91	228563	20.44	ug/l	99
68) m/p-Xylenes	9.38	106	176758	41.17	ug/l	96
69) o-Xylene	9.78	106	90194	21.23	ug/l	93
70) Styrene	9.80	104	140815	20.17	ug/l	99
71) Bromoform	9.96	173	42981	18.66	ug/l #	98
73) Isopropylbenzene	10.17	105	234205	21.17	ug/l	98
74) N-amyl acetate	10.01	43	110428	20.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	82395	22.22	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	72981m	23.00	ug/l	
77) Bromobenzene	10.45	156	57955	20.69	ug/l	96
78) n-propylbenzene	10.59	91	261781	20.09	ug/l	97
79) 2-Chlorotoluene	10.66	91	158565	20.63	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	199596	20.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	23942m	17.47	ug/l	
82) 4-Chlorotoluene	10.78	91	179102	20.02	ug/l	98
83) tert-Butylbenzene	11.10	119	200276	21.71	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	203914	20.87	ug/l	100
85) sec-Butylbenzene	11.33	105	238225	20.63	ug/l	96
86) p-Isopropyltoluene	11.48	119	208304	20.14	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	103854	20.07	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	107175	20.58	ug/l	99
89) n-Butylbenzene	11.89	91	172268	18.76	ug/l	98
90) Hexachloroethane	12.15	117	37984	18.83	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	110047	21.23	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20442	19.98	ug/l	86

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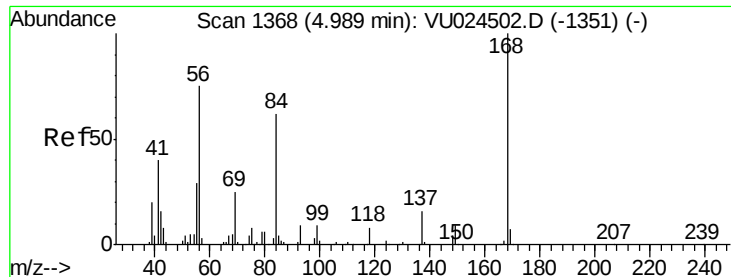
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	70356	21.98	ug/l	99
94) Hexachlorobutadiene	13.70	225	36026	20.00	ug/l	99
95) Naphthalene	13.74	128	242123	23.22	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	73678	23.10	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion:168 Resp: 175750

Ion Ratio Lower Upper

168 100

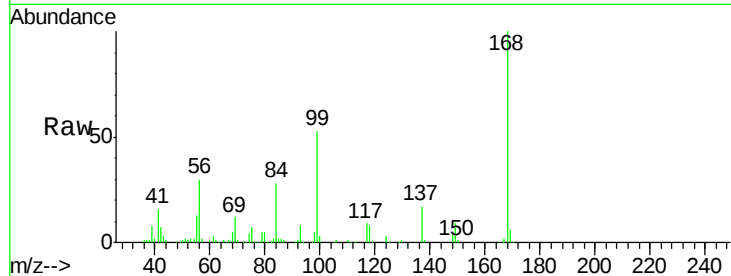
99 52.8 43.2 64.8

Manual Integrations

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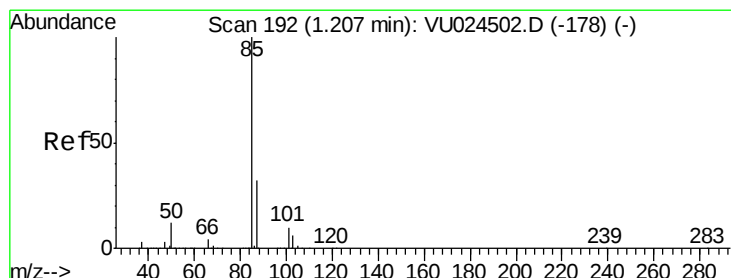
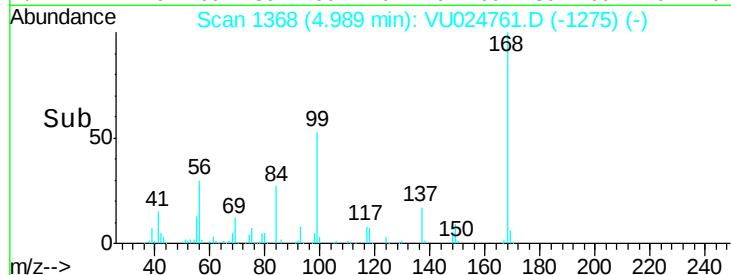
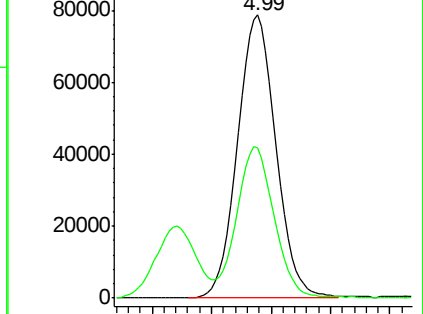
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 18.76 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024761.D

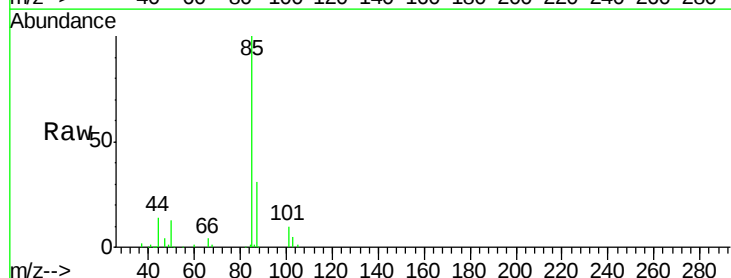
Acq: 20 Jun 2018 16:36

Tgt Ion: 85 Resp: 41266

Ion Ratio Lower Upper

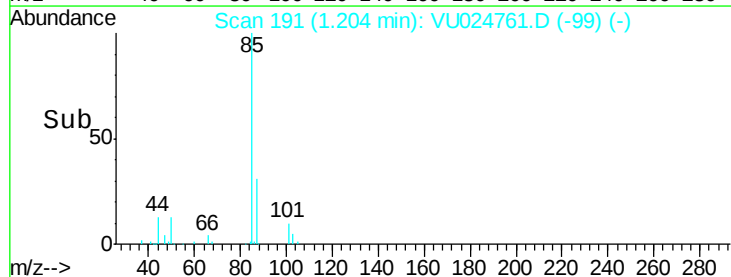
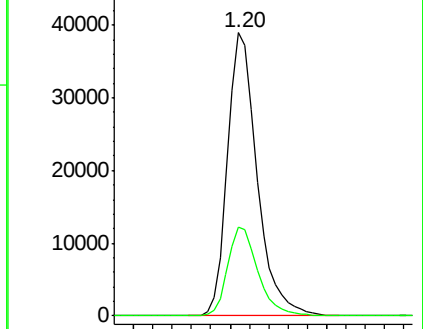
85 100

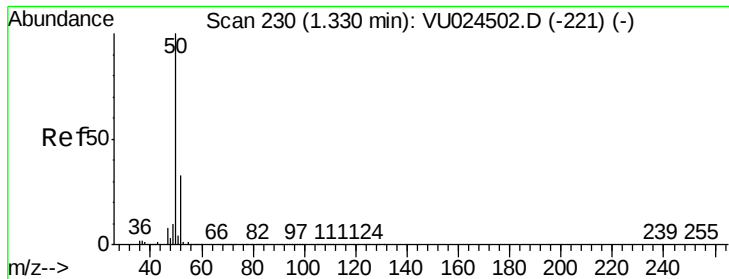
87 31.2 16.1 48.2



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

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





#3

Chloromethane

Concen: 20.75 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion: 50 Resp: 46635

Ion Ratio Lower Upper

50 100

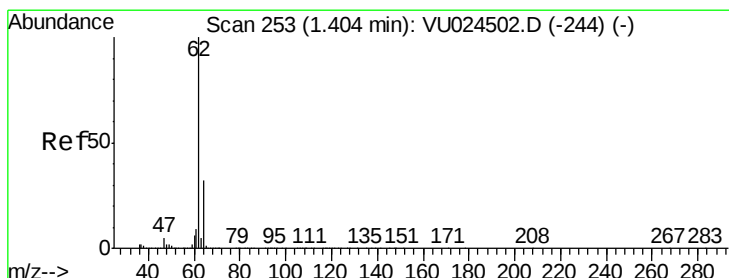
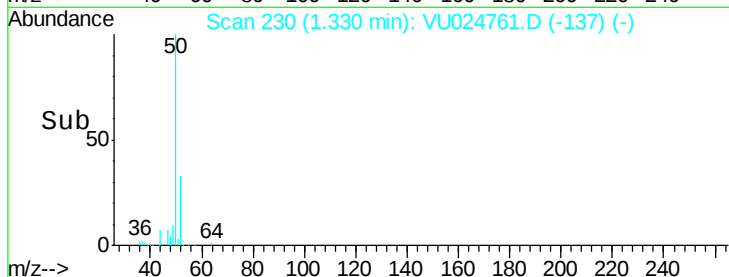
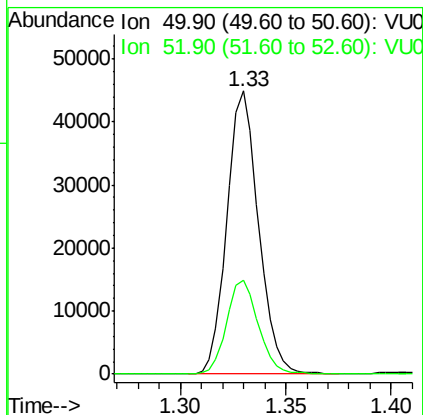
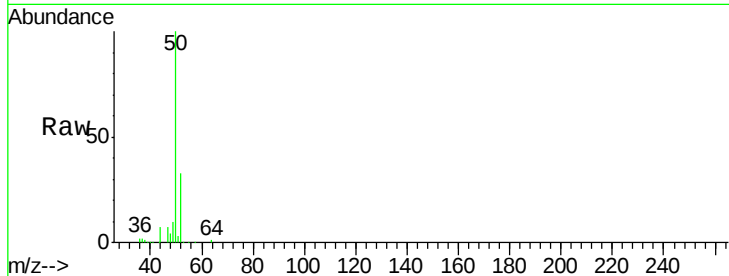
52 33.3 26.4 39.6

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#4

Vinyl Chloride

Concen: 20.66 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024761.D

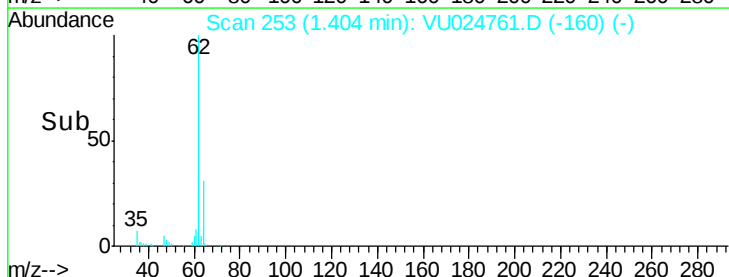
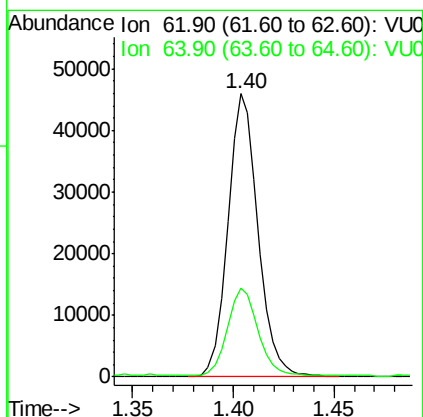
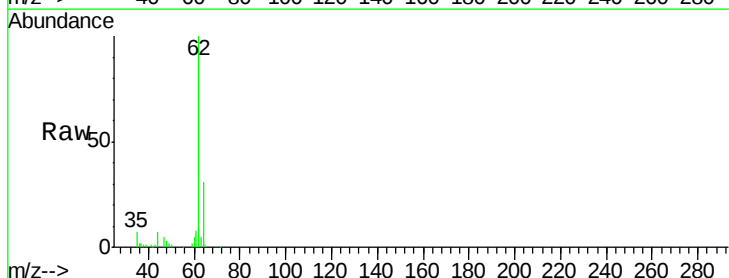
Acq: 20 Jun 2018 16:36

Tgt Ion: 62 Resp: 47879

Ion Ratio Lower Upper

62 100

64 30.9 24.8 37.2





#5

Bromomethane

Concen: 24.11 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion: 94 Resp: 27010

Ion Ratio Lower Upper

94 100

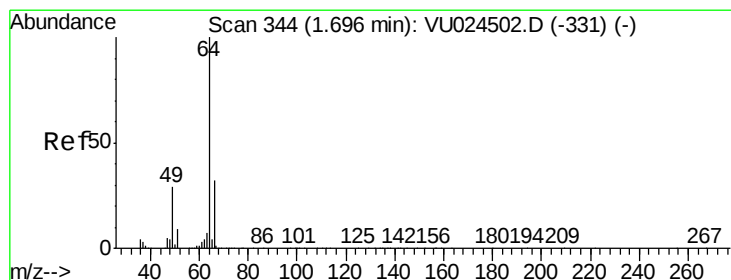
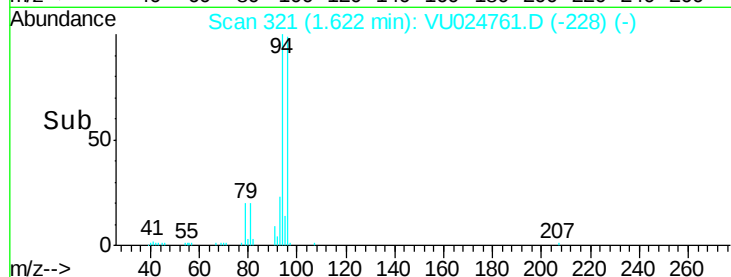
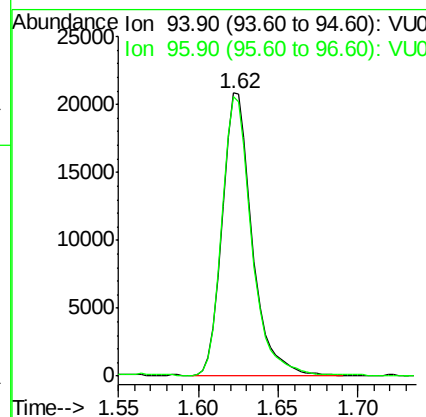
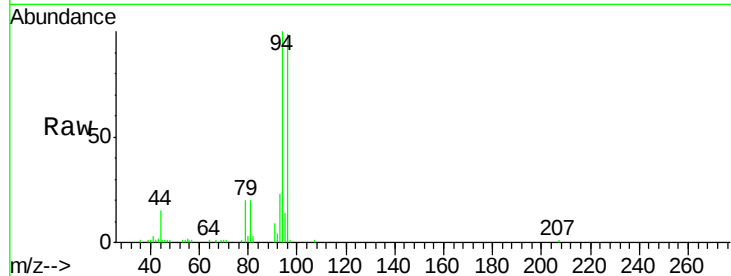
96 98.5 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 23.00 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024761.D

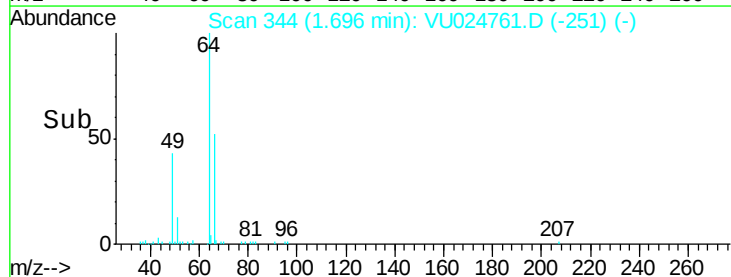
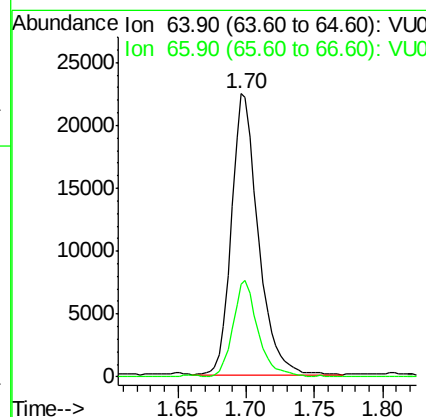
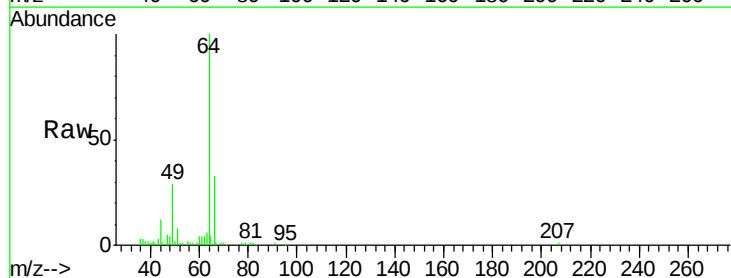
Acq: 20 Jun 2018 16:36

Tgt Ion: 64 Resp: 30522

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3





#7

Trichlorofluoromethane

Concen: 21.15 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion:101 Resp: 74795

Ion Ratio Lower Upper

101 100

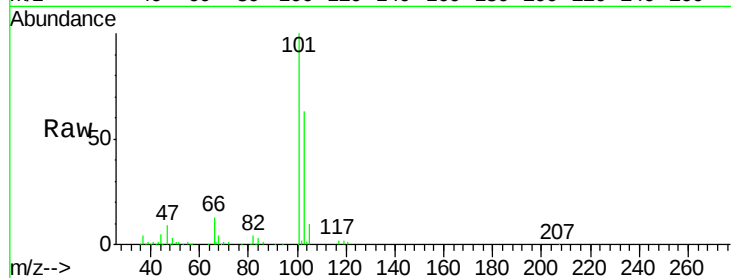
103 63.0 52.3 78.5

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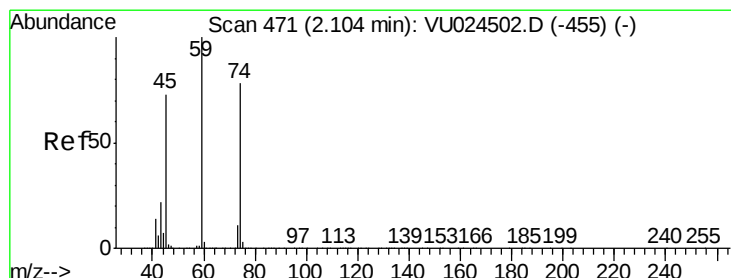
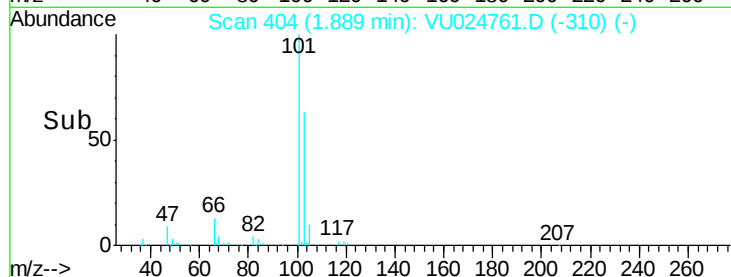
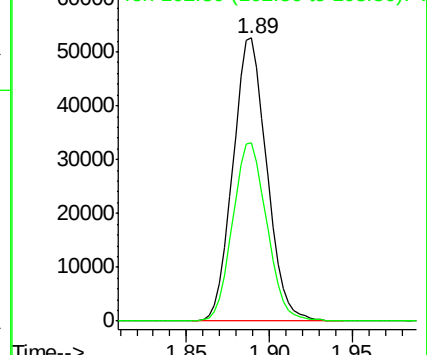
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.90 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024761.D

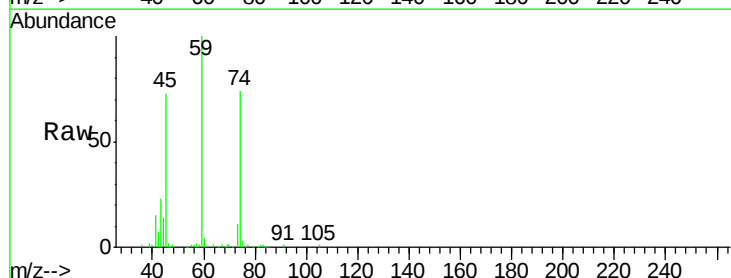
Acq: 20 Jun 2018 16:36

Tgt Ion: 74 Resp: 27635

Ion Ratio Lower Upper

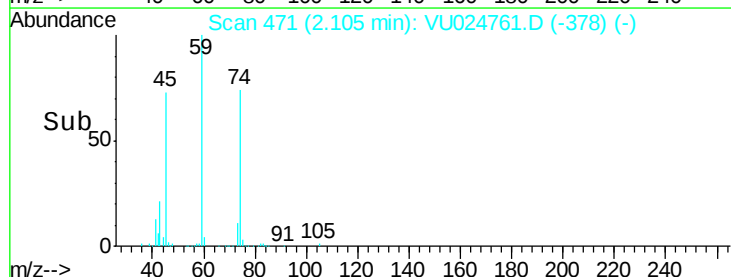
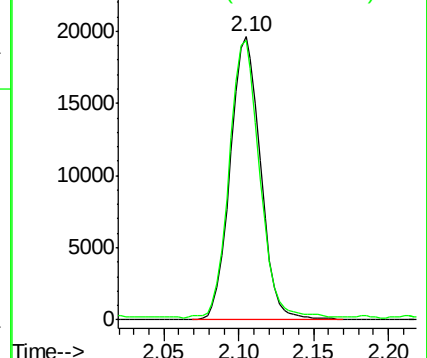
74 100

45 98.1 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.33 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

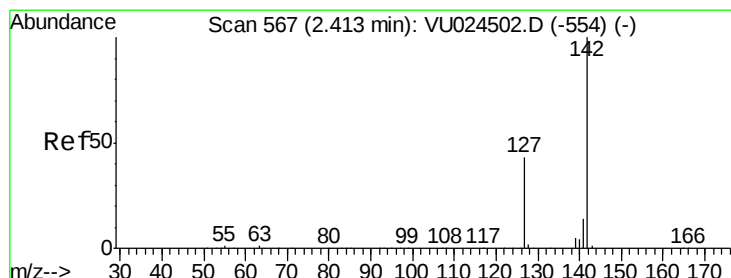
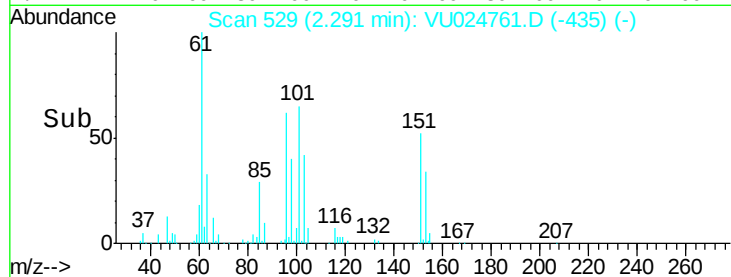
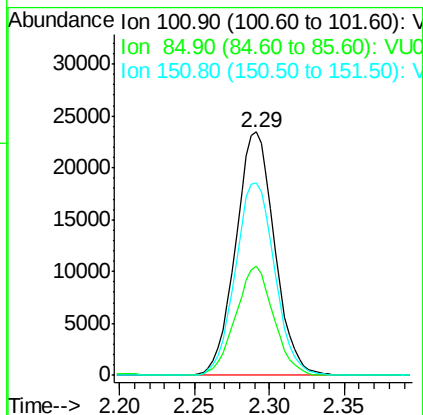
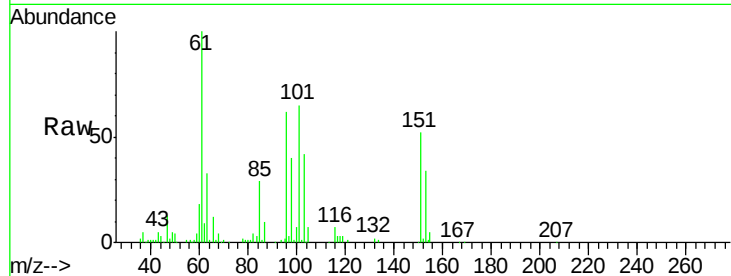
ClientSampleId :

VU0620WBSD01

Tot Ion:	101	Resp:	42414
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.0	54.0
151	80.0	62.3	93.5

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#10

Methyl Iodide

Concen: 22.49 ug/l

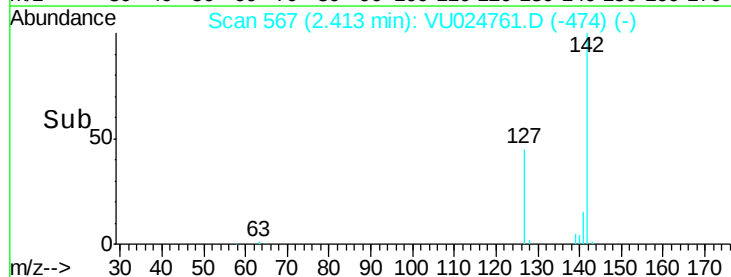
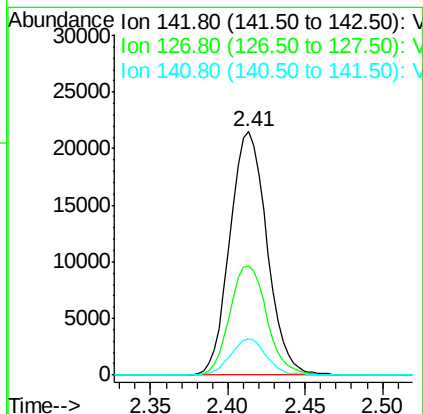
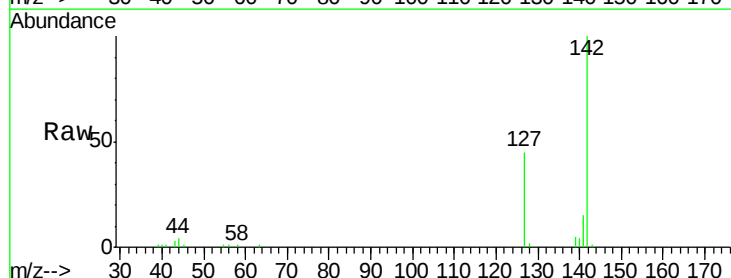
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion:	142	Resp:	35734
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.6	53.4
141	14.4	11.7	17.5





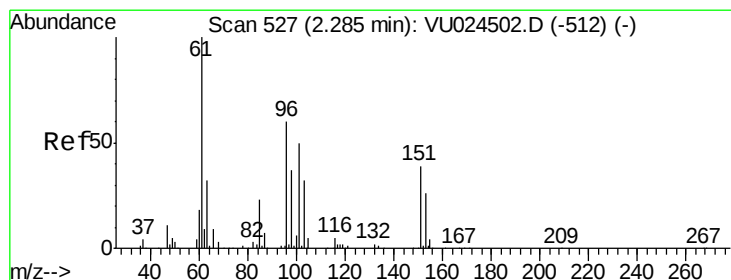
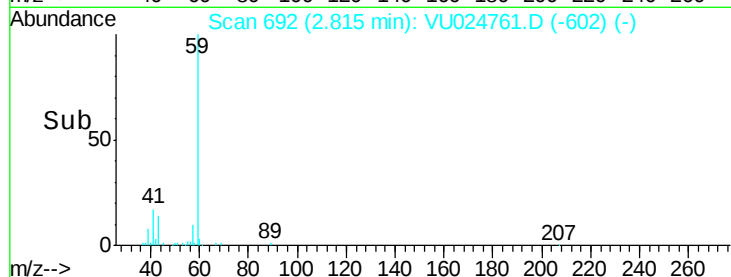
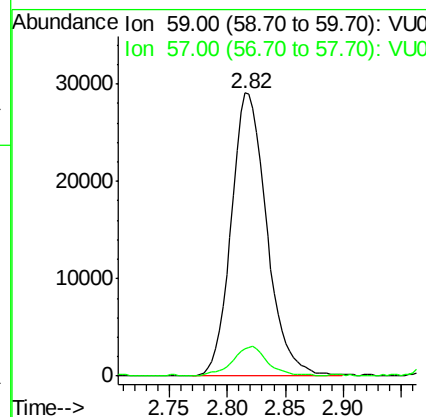
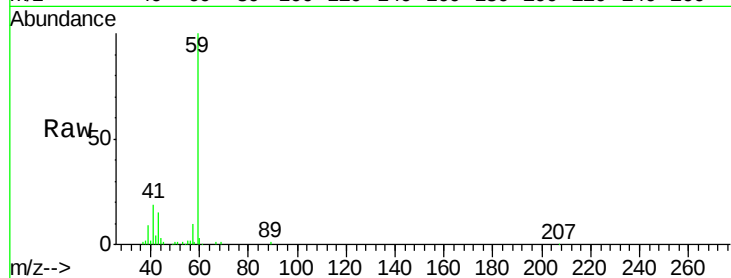
#11
Tert butyl alcohol
Concen: 88.70 ug/l
RT: 2.82 min Scan# 692
Delta R.T. -0.01 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion: 59 Resp: 61897
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

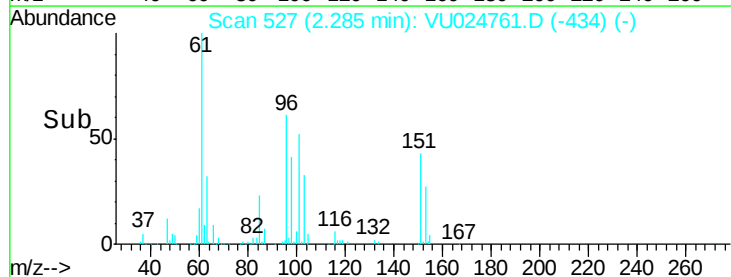
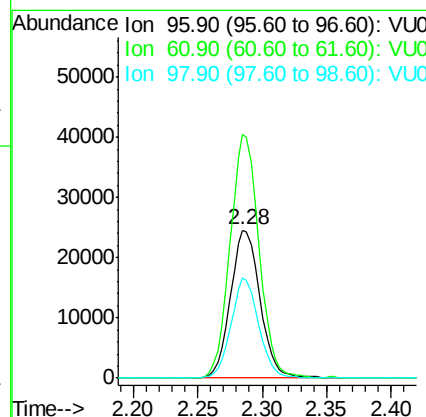
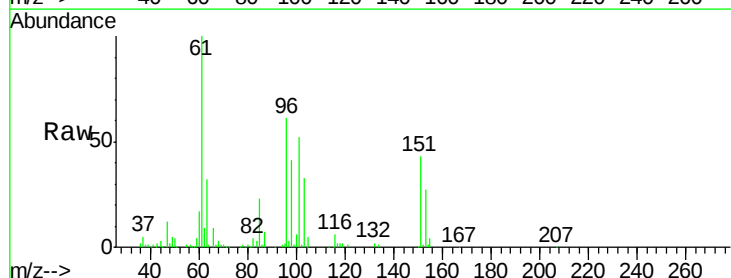
Manual Integrations
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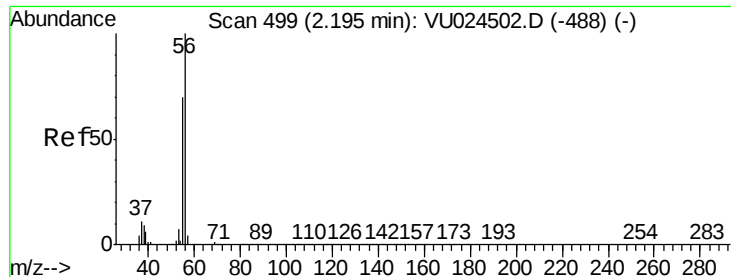
apatel
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#12
1,1-Dichloroethene
Concen: 19.50 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion: 96 Resp: 39023
Ion Ratio Lower Upper
96 100
61 164.9 141.7 212.5
98 67.5 51.6 77.4





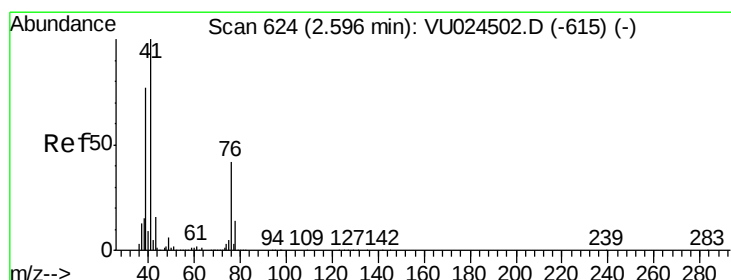
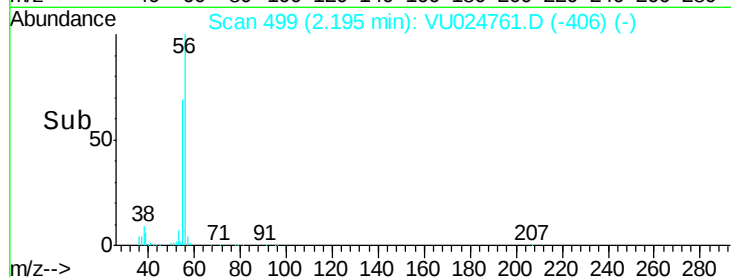
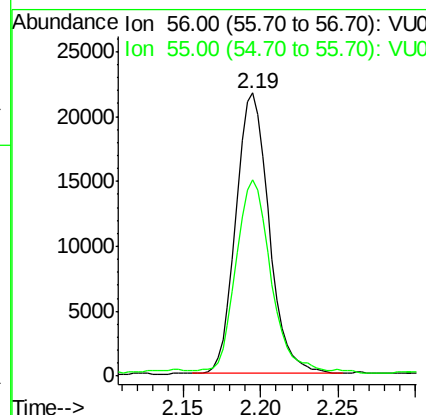
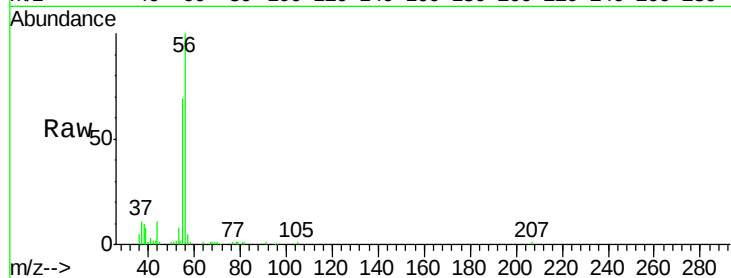
#13
Acrolein
Concen: 87.86 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.2	58.4	87.6

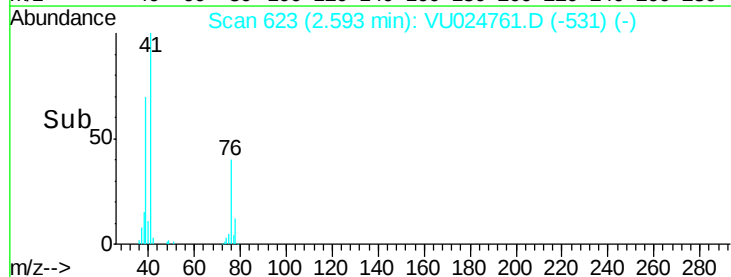
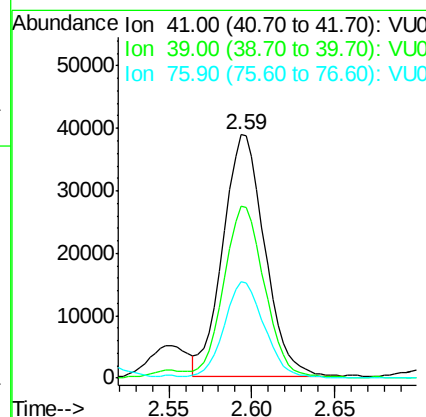
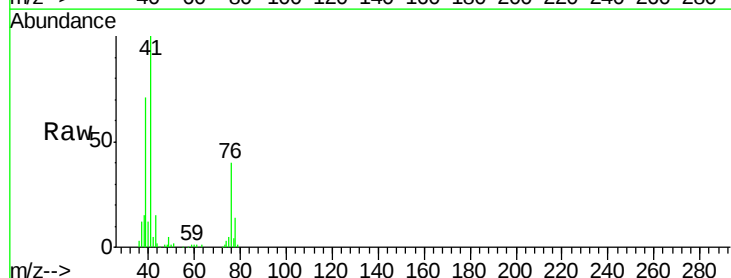
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#14
Allyl chloride
Concen: 18.28 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.5	61.6	92.4
76	38.5	29.7	44.5





#15

Acrylonitrile

Concen: 106.27 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

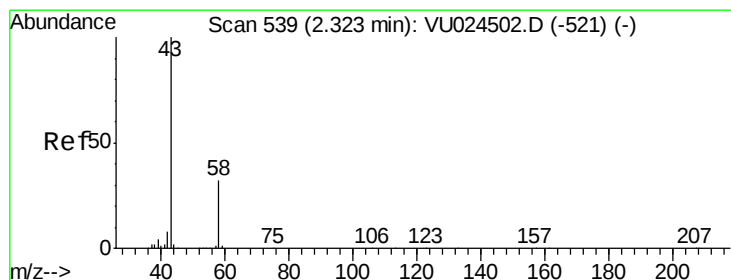
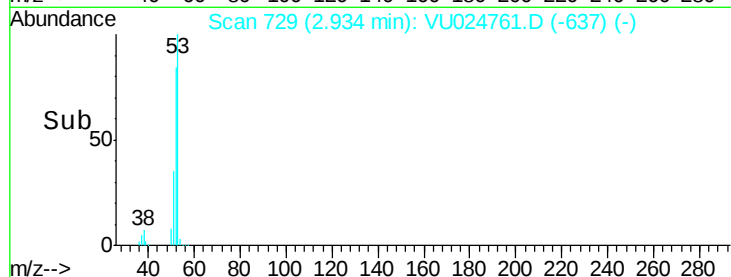
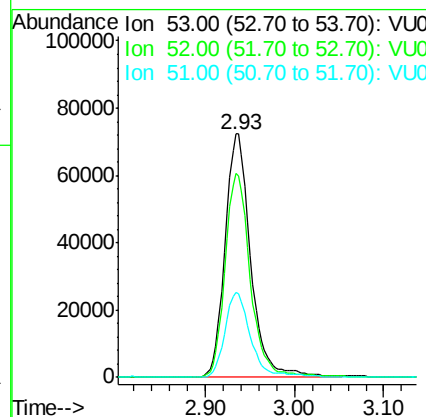
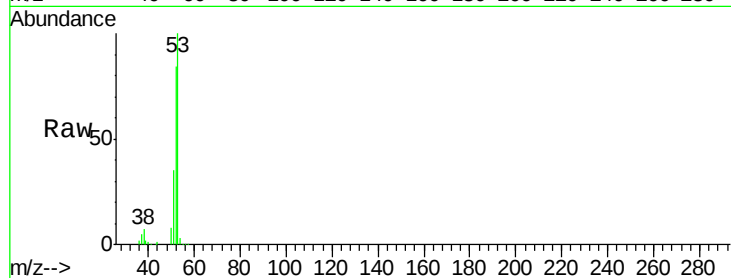
ClientSampleId :

VU0620WBSD01

Tot Ion:	53	Resp:	144277
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.1	100.7
51	35.3	28.4	42.6

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#16

Acetone

Concen: 89.53 ug/l

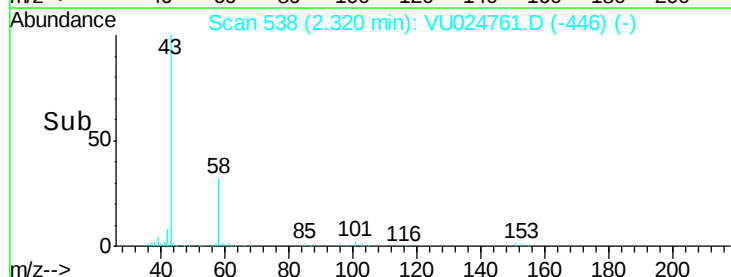
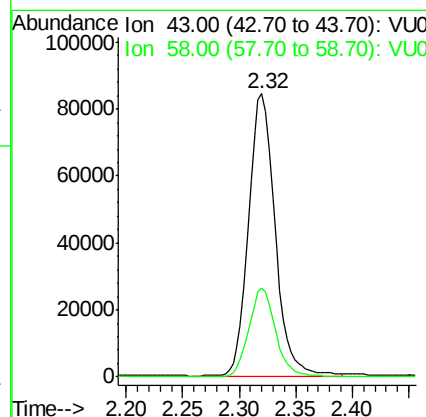
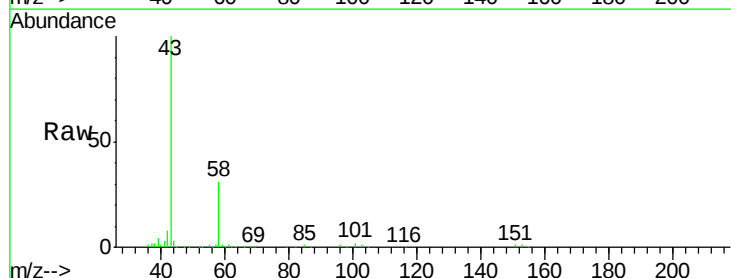
RT: 2.32 min Scan# 538

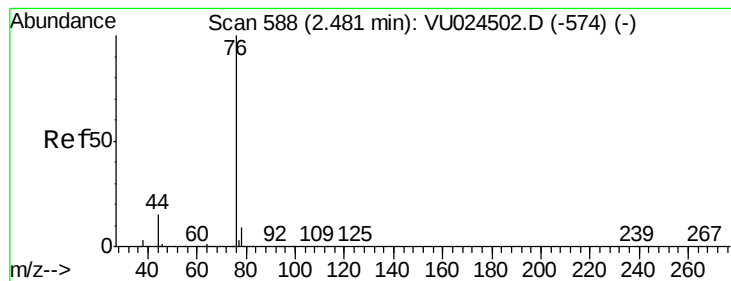
Delta R.T. -0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion:	43	Resp:	138025
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.4	36.6





#17

Carbon Disulfide

Concen: 17.84 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion: 76 Resp: 114298

Ion Ratio Lower Upper

76 100

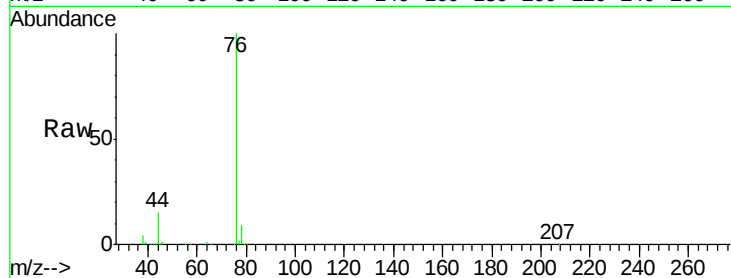
78 9.1 7.1 10.7

Manual Integrations

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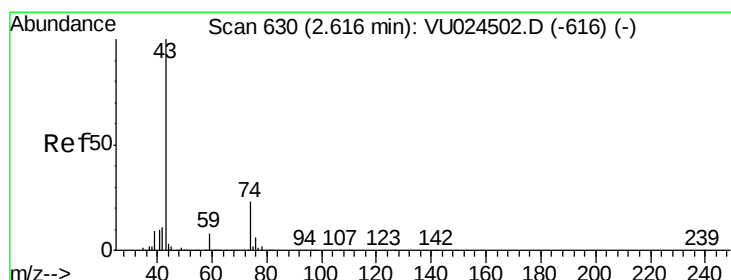
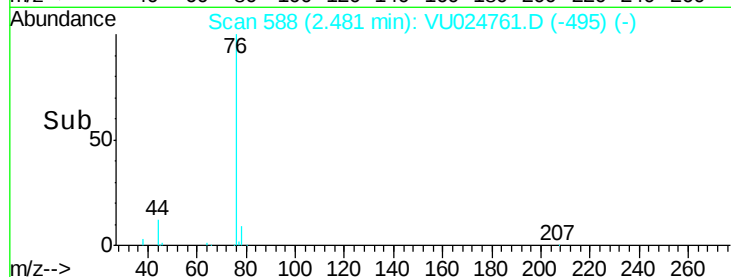
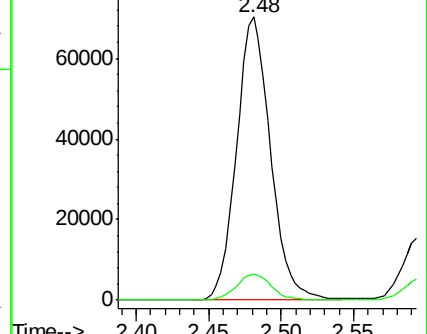
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 21.68 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024761.D

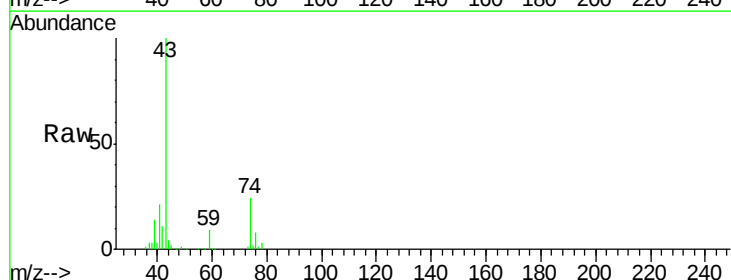
Acq: 20 Jun 2018 16:36

Tgt Ion: 43 Resp: 71638

Ion Ratio Lower Upper

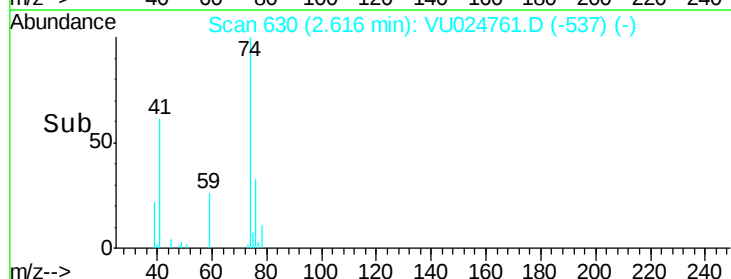
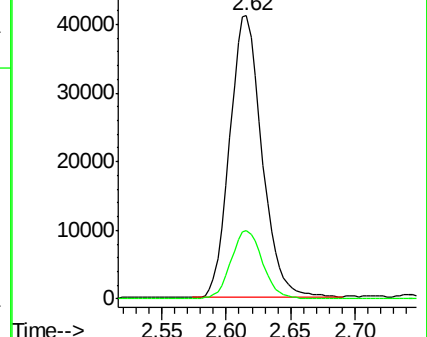
43 100

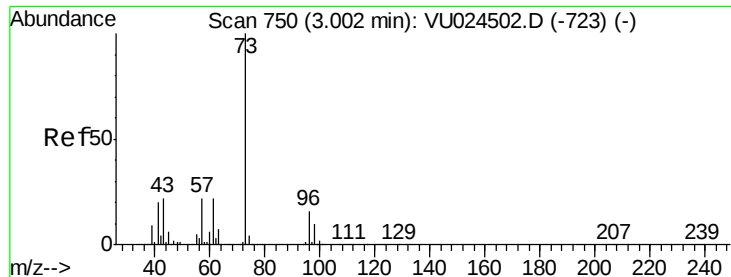
74 23.9 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





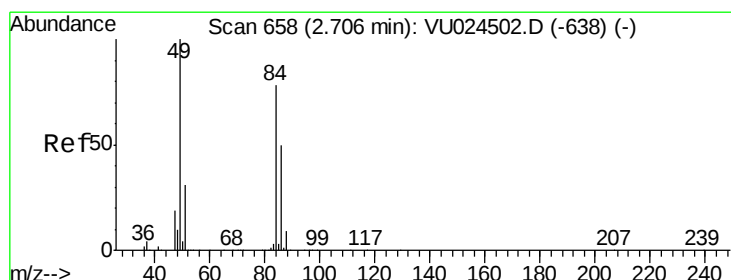
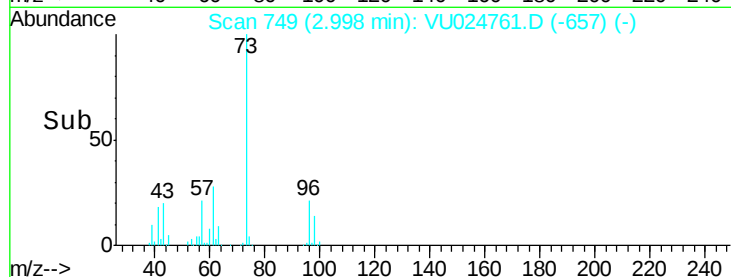
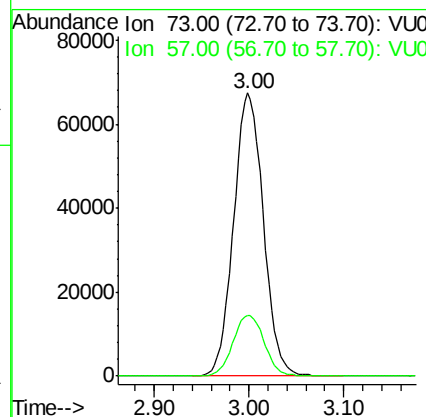
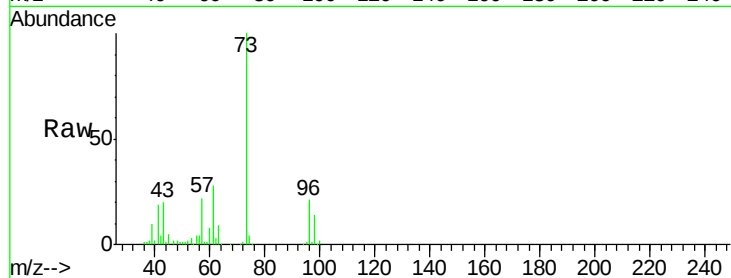
#19
Methyl tert-butyl Ether
Concen: 19.59 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.8	28.2

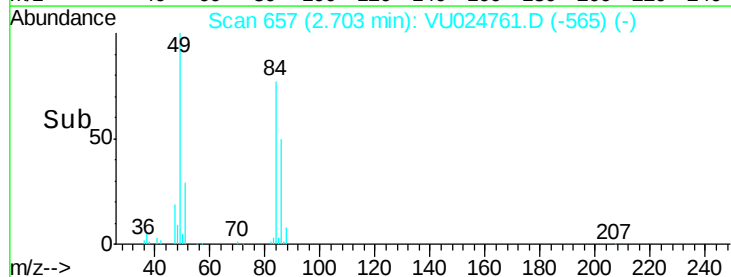
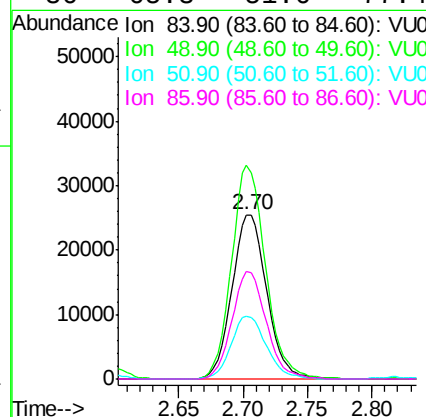
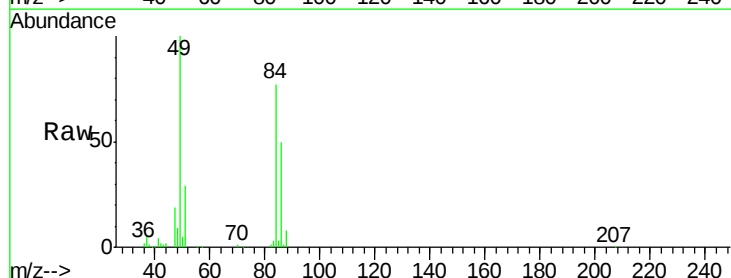
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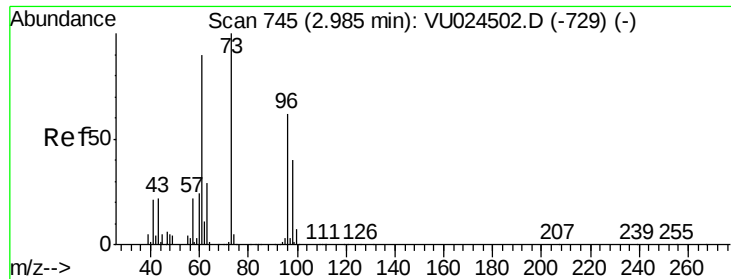
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#20
Methylene Chloride
Concen: 19.71 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.2	103.8	155.8
51	38.3	32.0	48.0
86	65.3	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.37 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

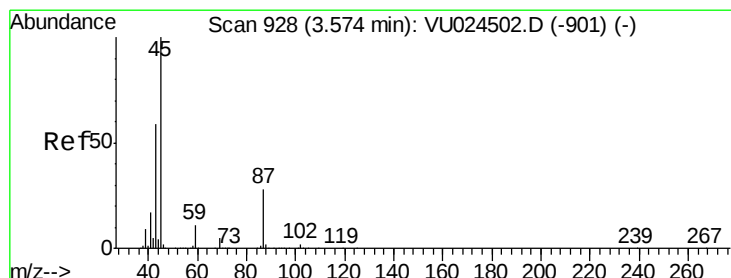
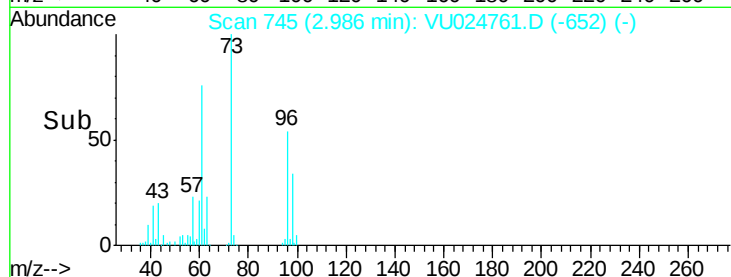
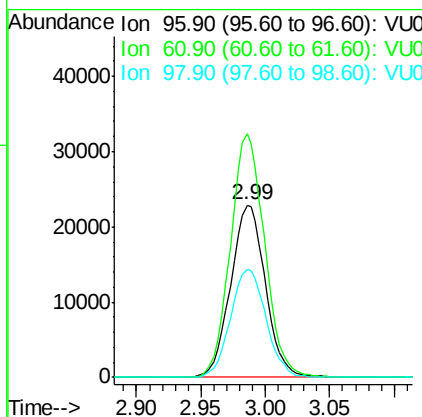
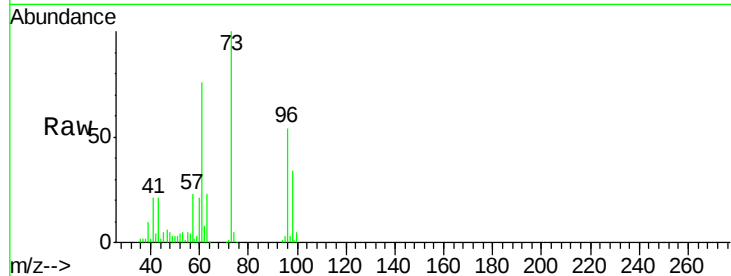
ClientSampleId :

VU0620WBSD01

Tot Ion:	96	Resp:	42689
Ion	Ratio	Lower	Upper
96	100		
61	141.6	119.4	179.0
98	63.0	51.1	76.7

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#22

Diisopropyl ether

Concen: 20.19 ug/l

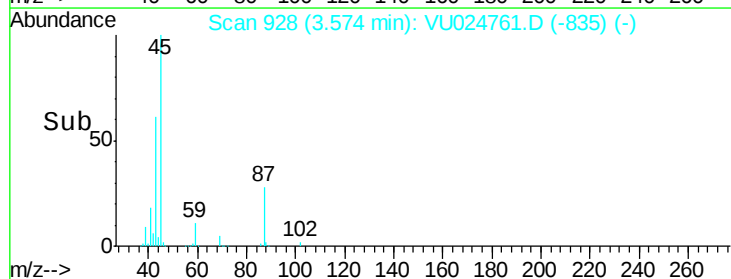
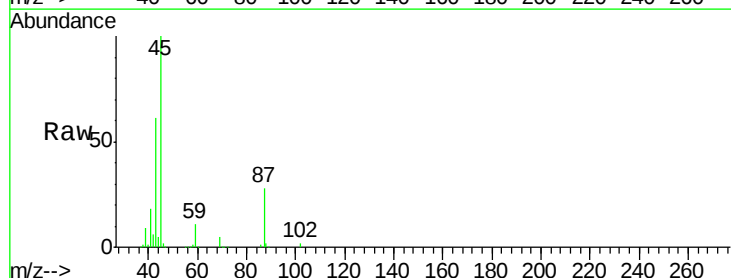
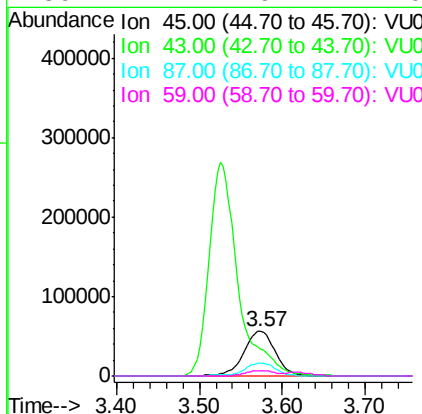
RT: 3.57 min Scan# 928

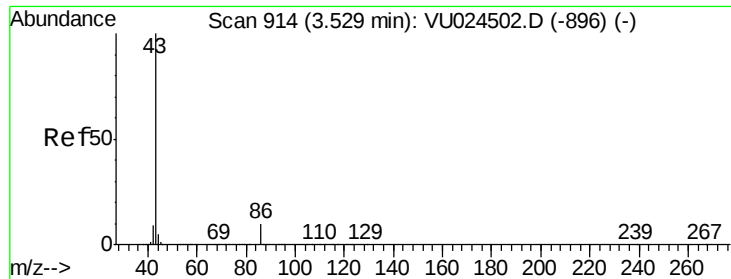
Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion:	45	Resp:	148720
Ion	Ratio	Lower	Upper
45	100		
43	60.1	45.8	68.6
87	28.4	20.6	31.0
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 99.26 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion: 43 Resp: 654959

Ion Ratio Lower Upper

43 100

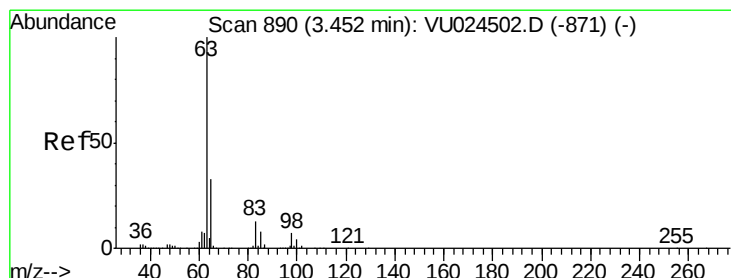
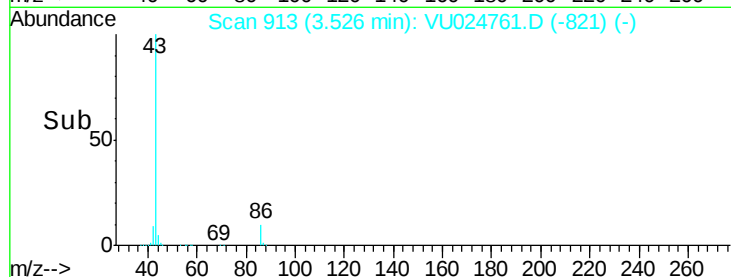
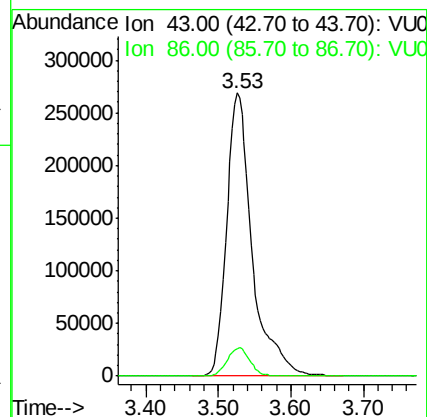
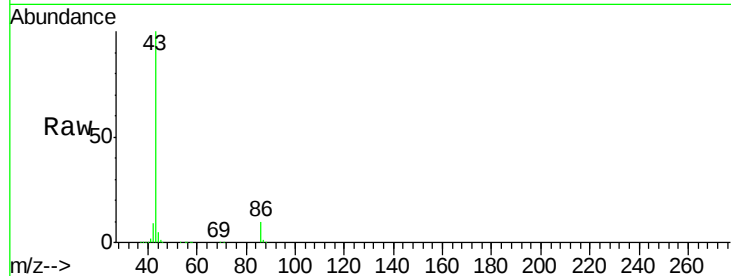
86 9.8 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 19.70 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

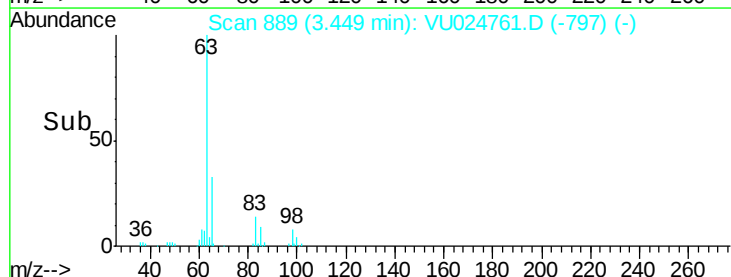
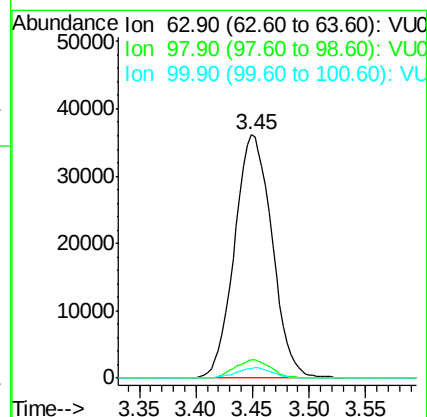
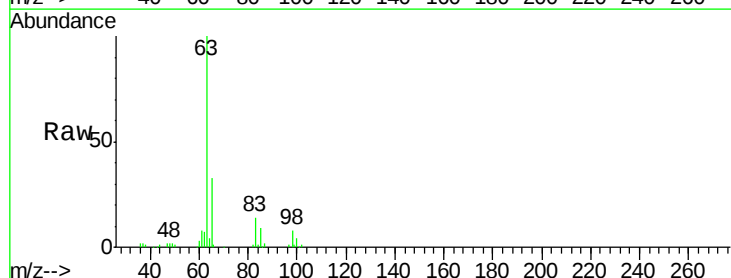
Tgt Ion: 63 Resp: 83465

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.1 1.8 5.5





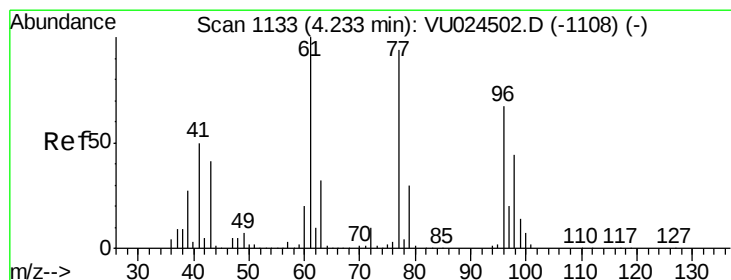
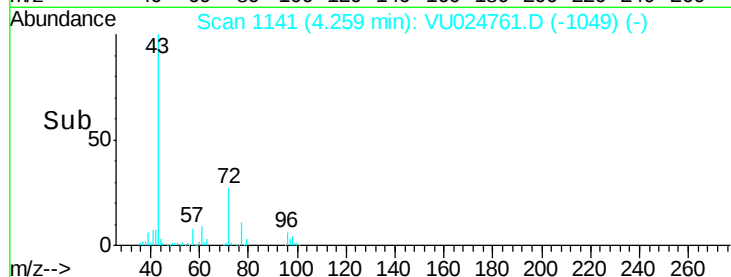
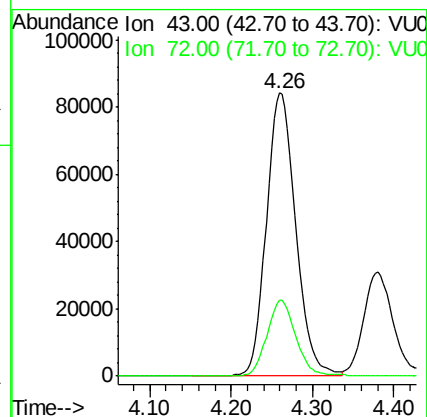
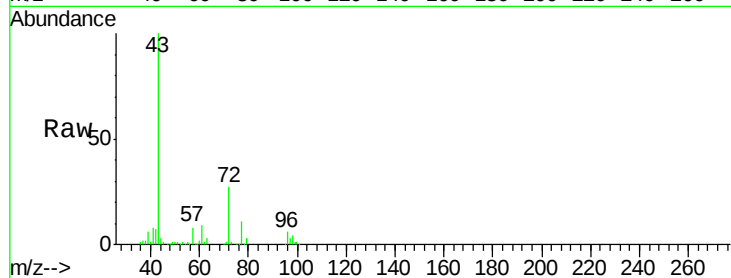
#25
2-Butanone
Concen: 101.56 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion: 43 Resp: 210298
Ion Ratio Lower Upper
43 100
72 26.9 19.6 29.4

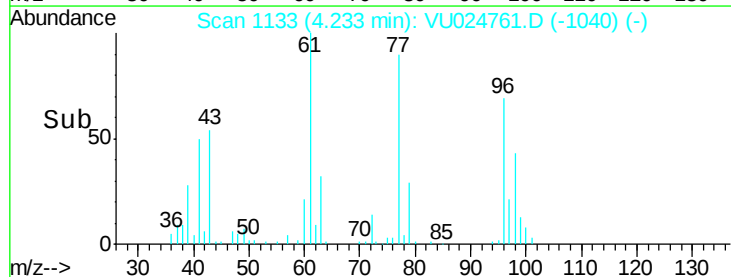
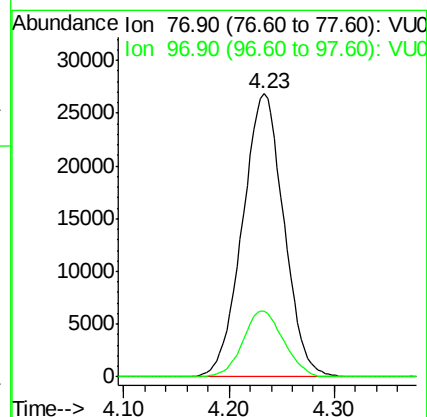
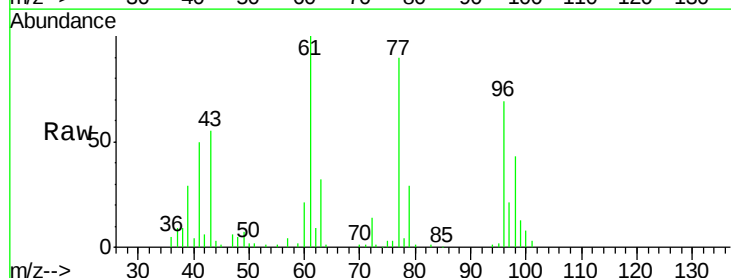
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#26
2,2-Dichloropropane
Concen: 18.16 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion: 77 Resp: 73072
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.05 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

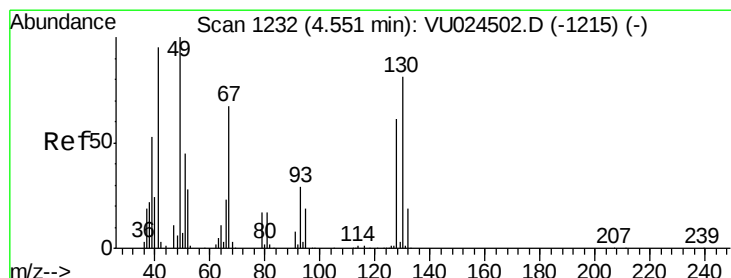
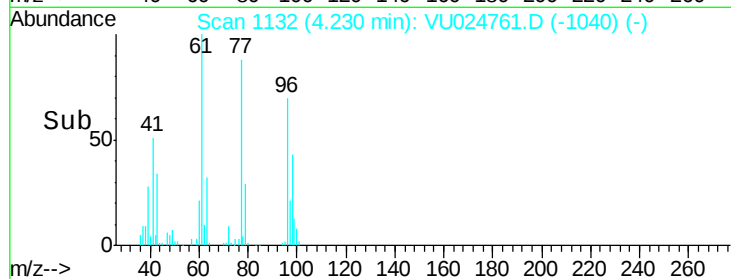
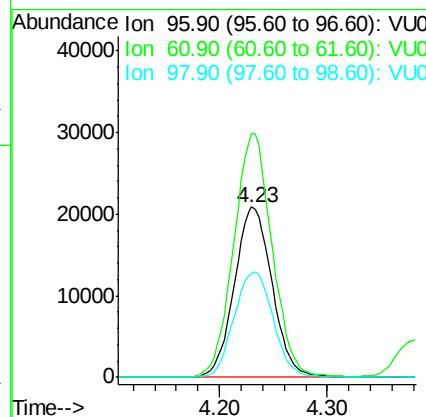
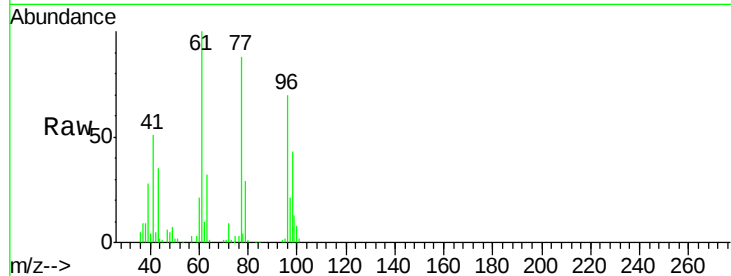
ClientSampleId :

VU0620WBSD01

Tot Ion:	96	Resp:	50794
Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	306.6
98	64.0	0.0	128.8

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#28

Bromochloromethane

Concen: 19.48 ug/l

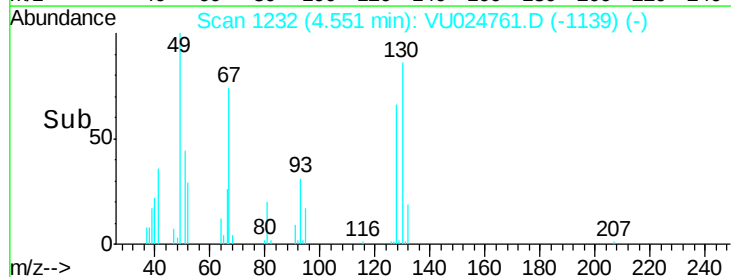
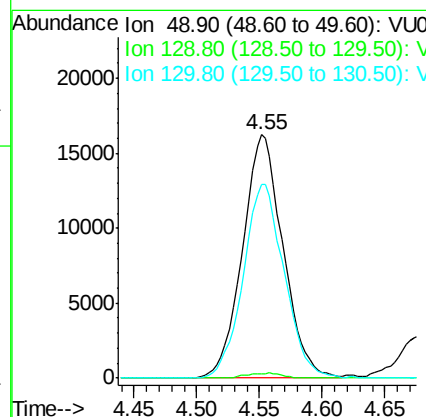
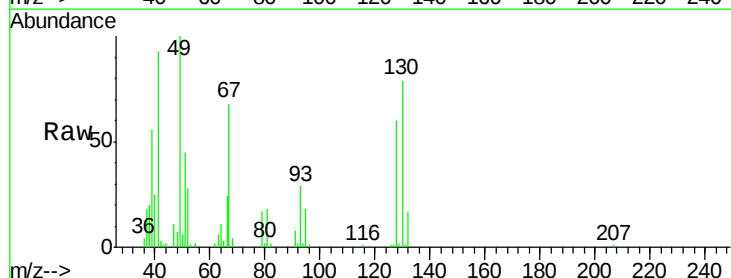
RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion:	49	Resp:	36363
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	80.6	57.8	86.6





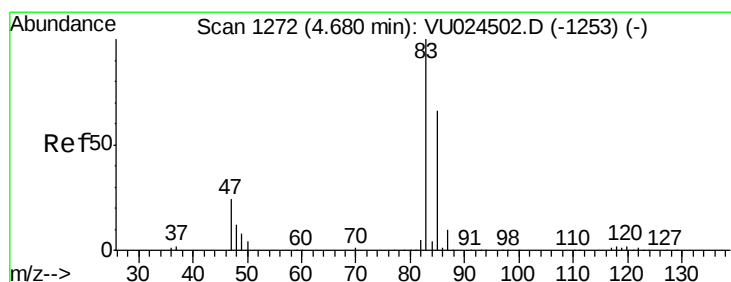
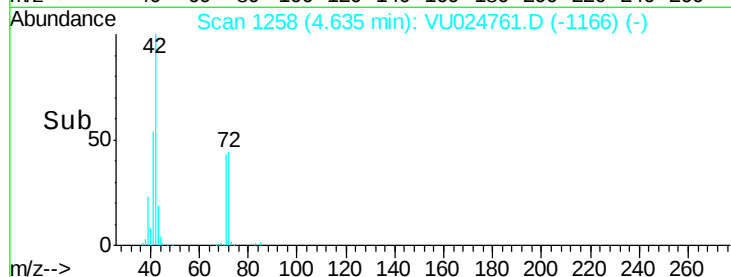
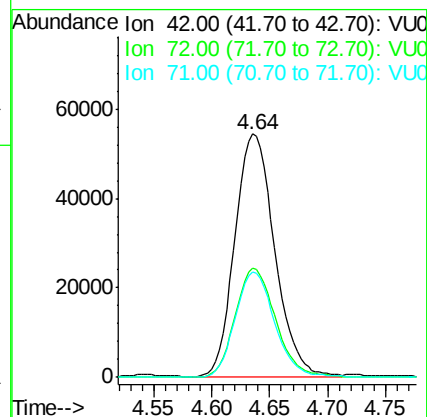
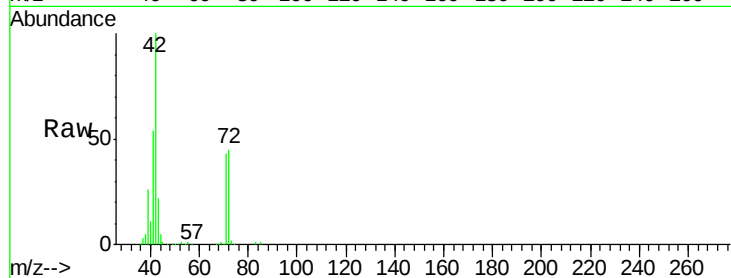
#29
Tetrahydrofuran
Concen: 101.25 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampled :
VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.5	51.7
71	43.3	32.2	48.4

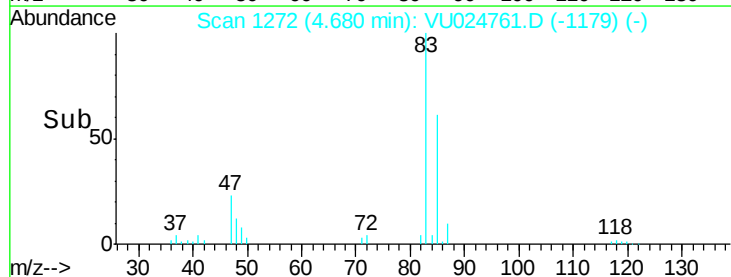
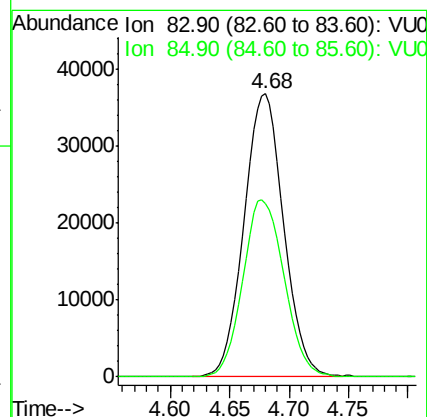
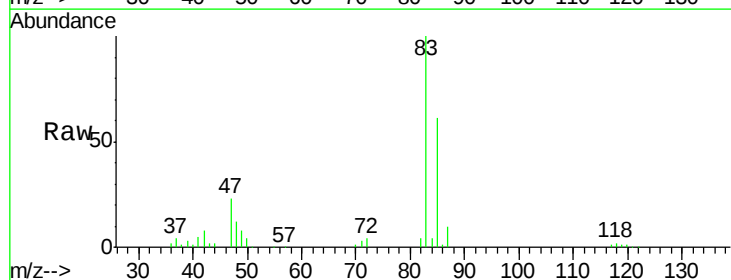
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#30
Chloroform
Concen: 19.81 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.4	78.6





#31

Cyclohexane

Concen: 19.34 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

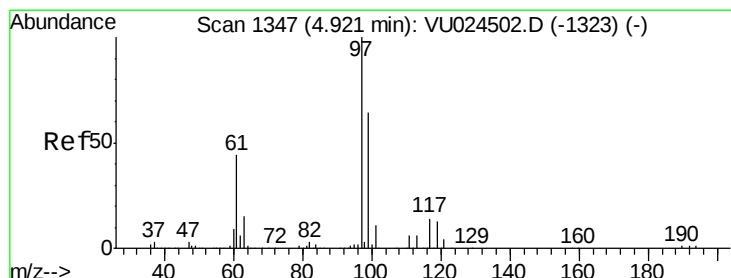
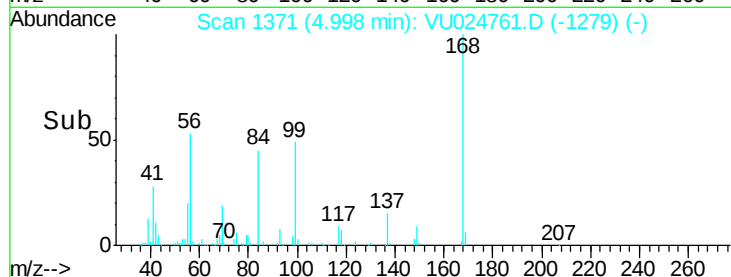
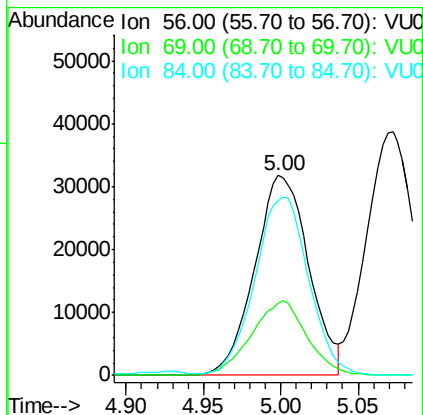
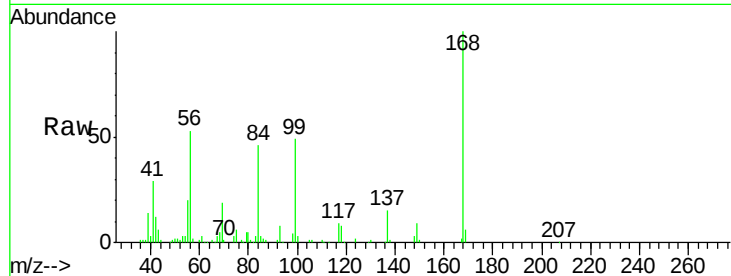
ClientSampleId :

VU0620WBSD01

Tot Ion:	56	Resp:	77328
Ion	Ratio	Lower	Upper
56	100		
69	36.1	24.8	37.2
84	86.3	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 18.91 ug/l

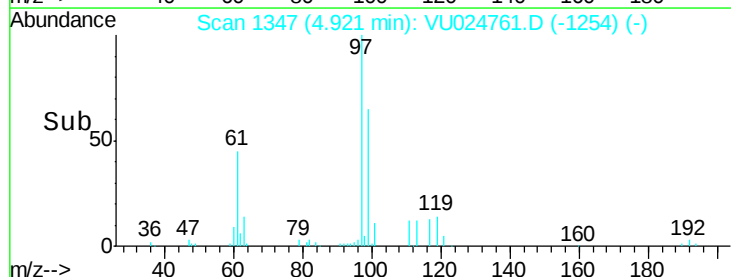
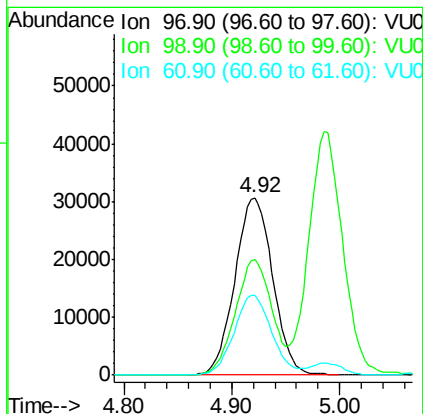
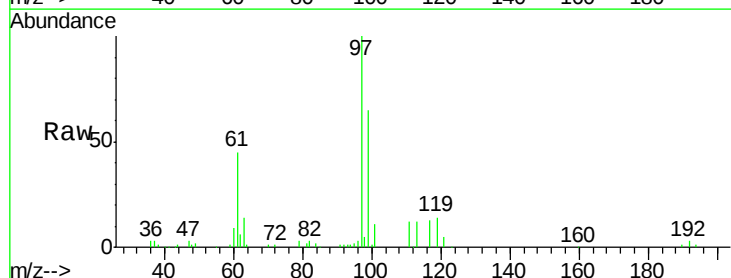
RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion:	97	Resp:	74988
Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.0	76.6
61	44.6	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 40.32 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion: 65 Resp: 115690

Ion Ratio Lower Upper

65 100

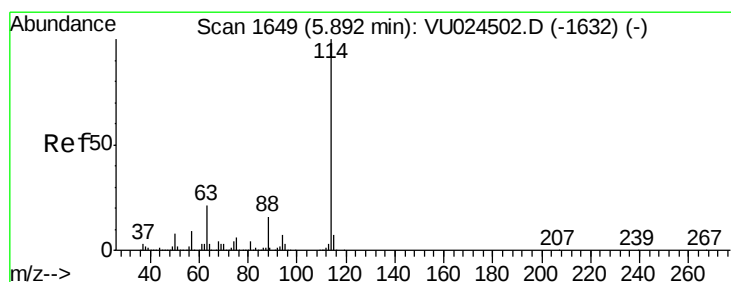
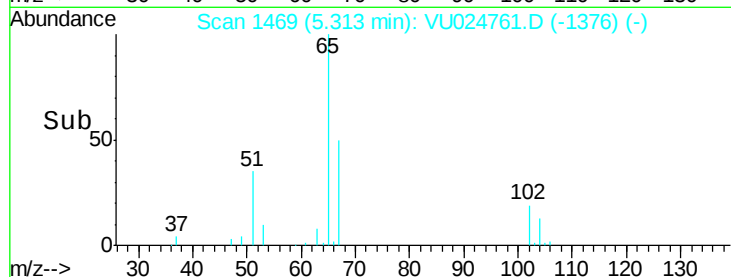
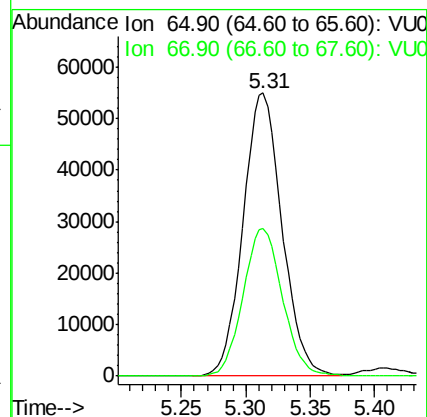
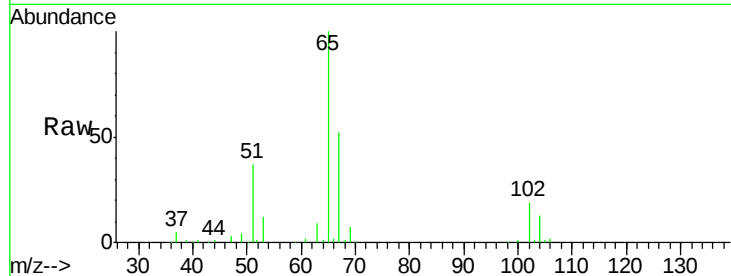
67 52.5 0.0 107.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

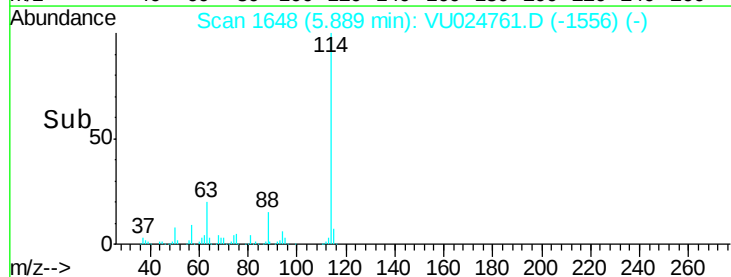
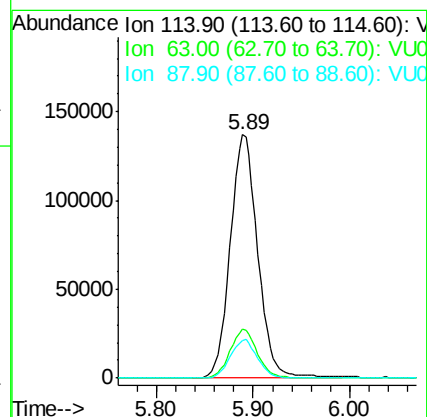
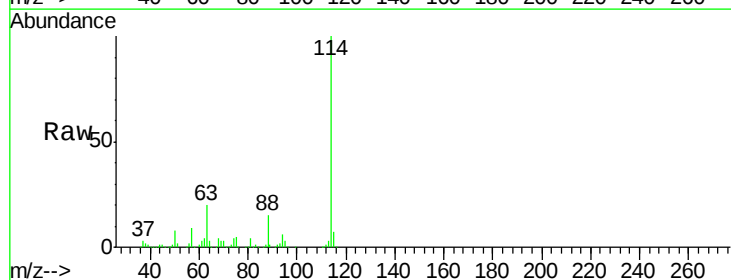
Tgt Ion: 114 Resp: 270330

Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.4

88 15.3 0.0 31.0





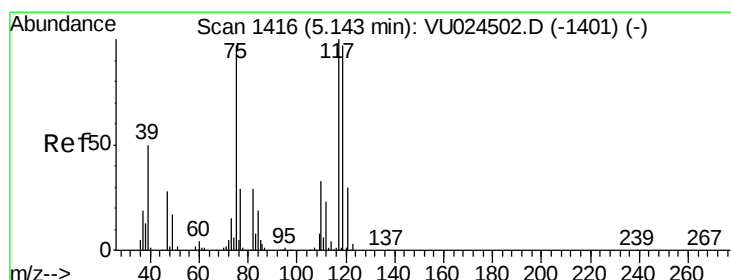
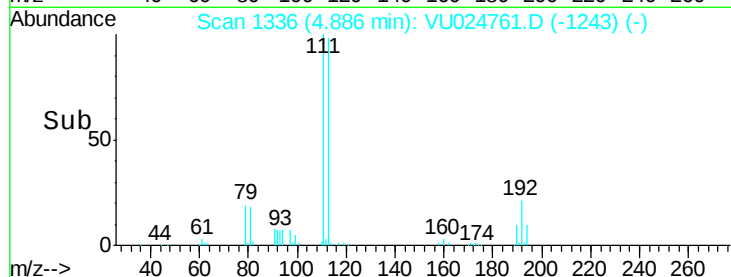
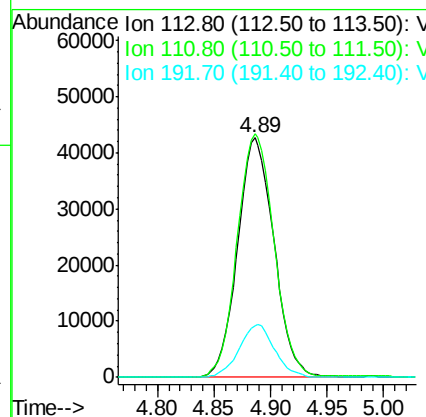
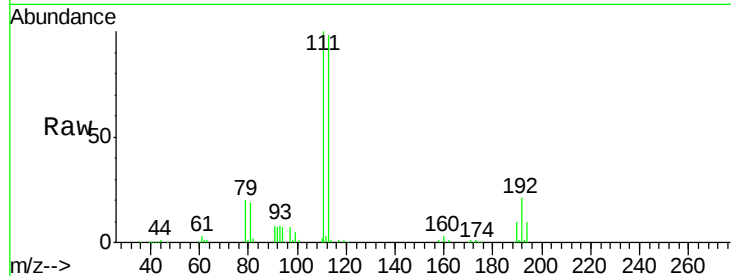
#35
 Dibromofluoromethane
 Concen: 42.59 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	21.5	16.2	24.4

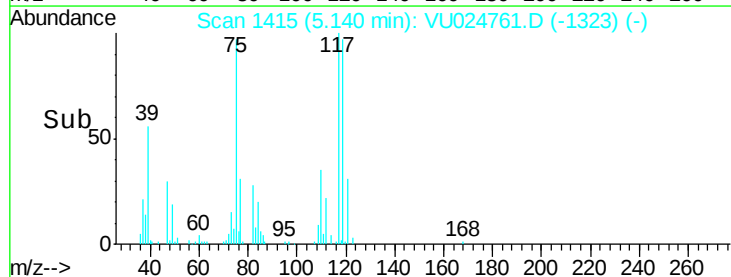
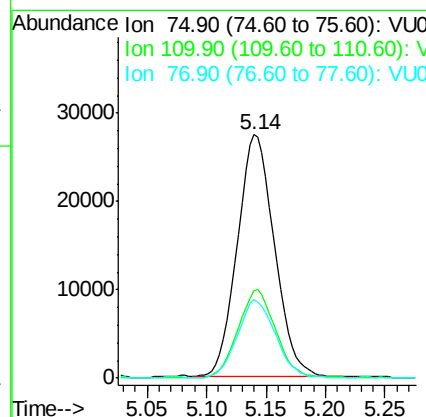
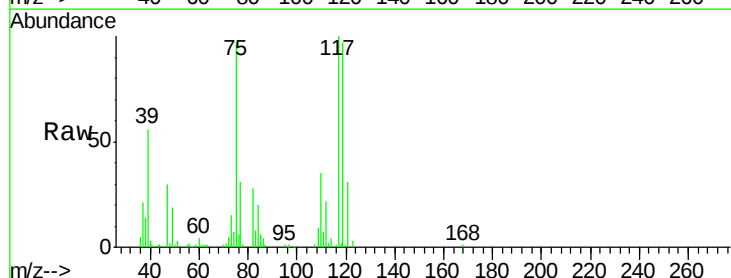
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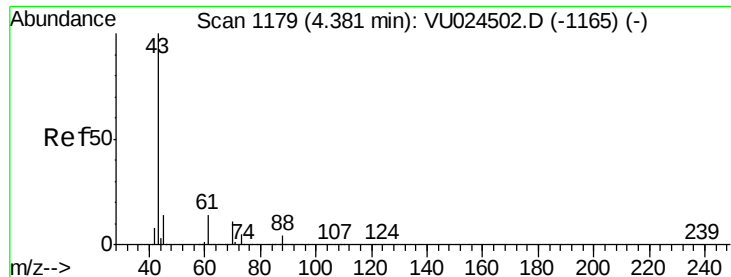
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#36
 1,1-Dichloropropene
 Concen: 18.70 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.0	50.9
77	33.3	24.2	36.4





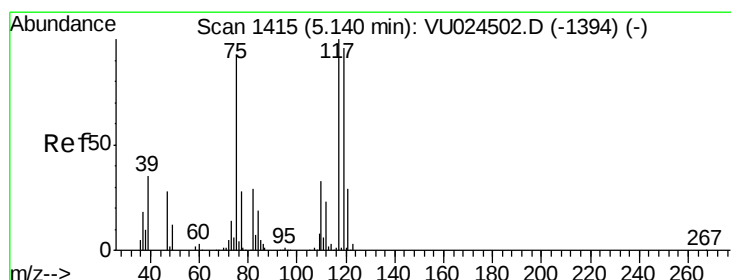
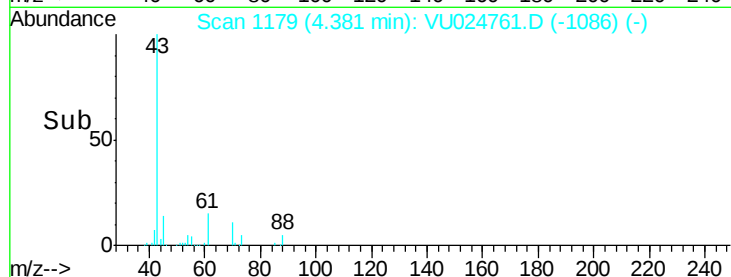
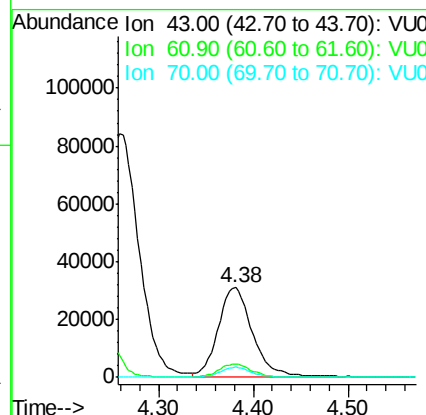
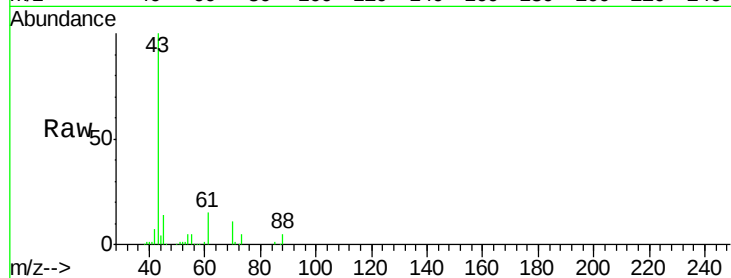
#37
Ethyl Acetate
Concen: 22.23 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion	43	Resp	76970
Ion Ratio	100	Lower	Upper
43	100		
61	14.6	10.5	15.7
70	10.4	7.4	11.2

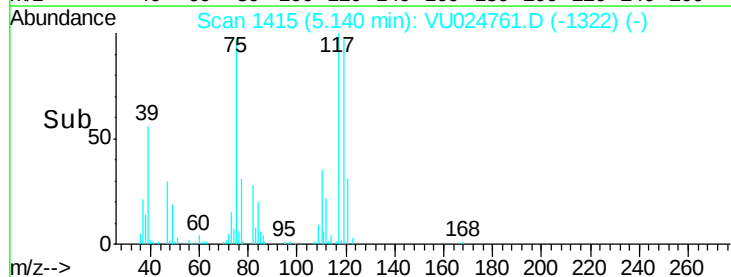
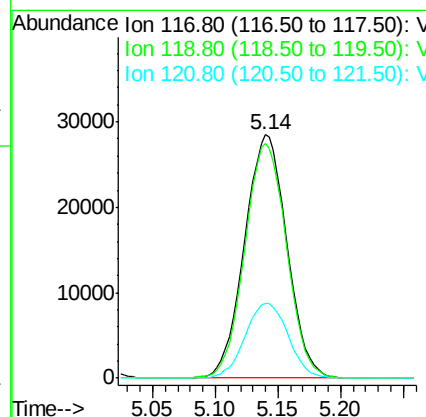
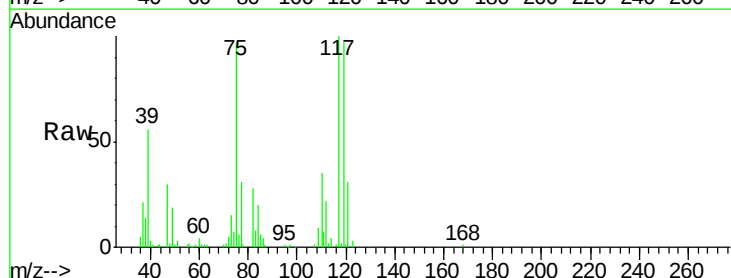
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#38
Carbon Tetrachloride
Concen: 19.10 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	117	Resp	66719
Ion Ratio	100	Lower	Upper
117	100		
119	96.5	76.1	114.1
121	30.7	23.7	35.5





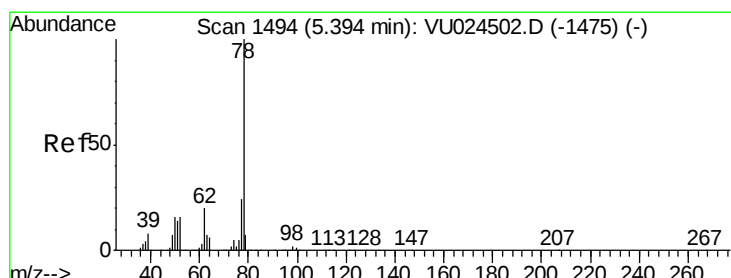
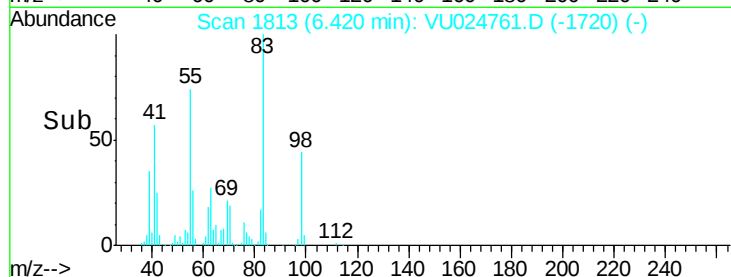
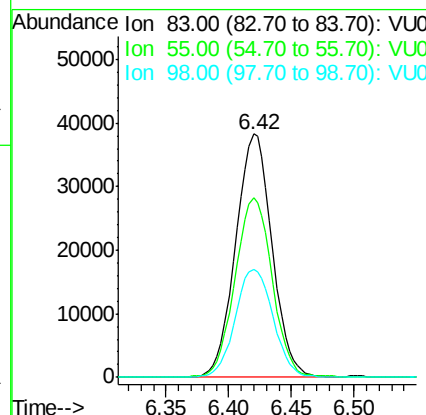
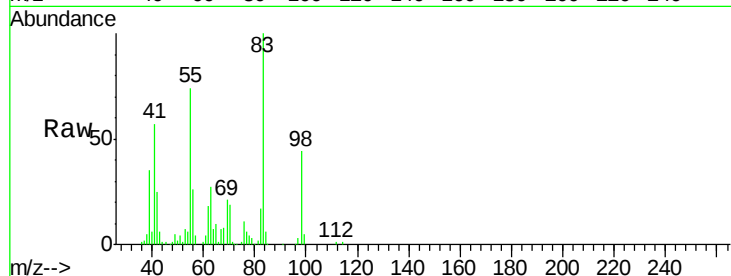
#39
Methylvlcyclohexane
Concen: 19.48 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	65.8	98.6
98	44.4	36.7	55.1

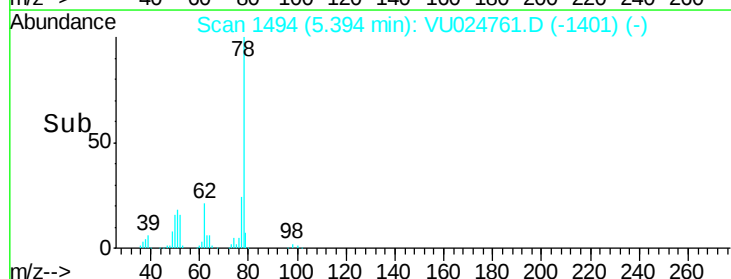
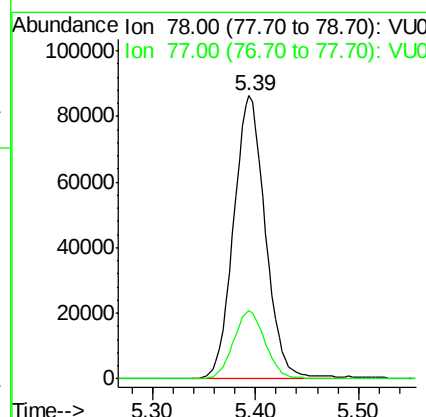
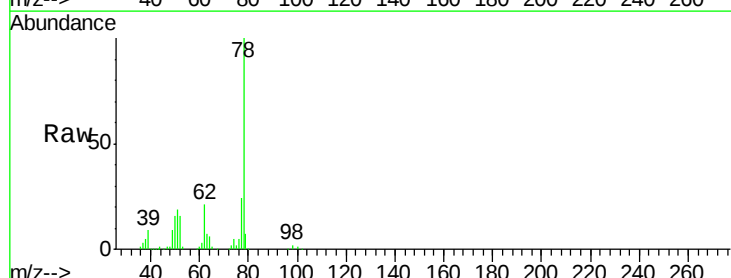
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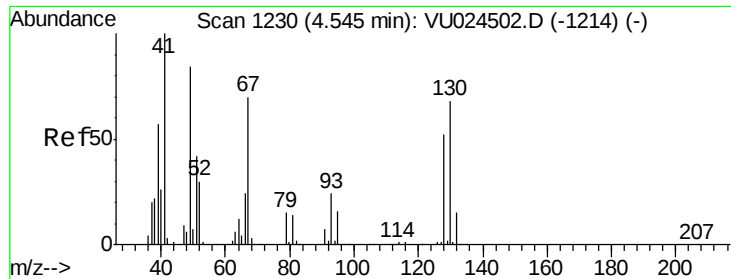
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#40
Benzene
Concen: 20.44 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





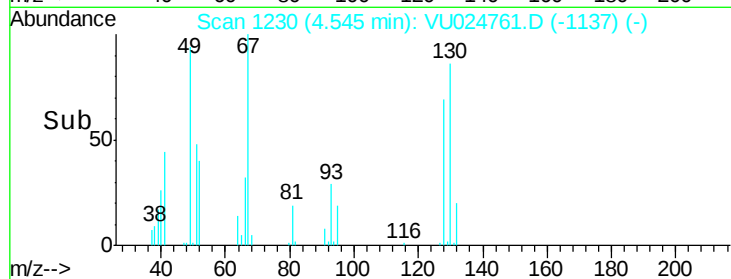
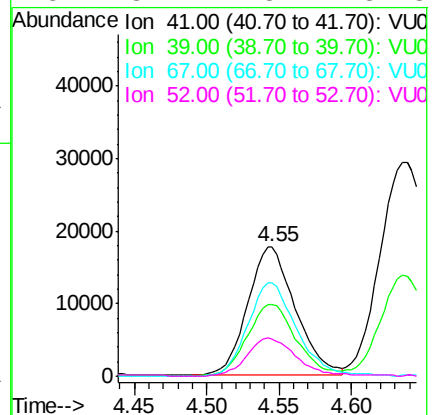
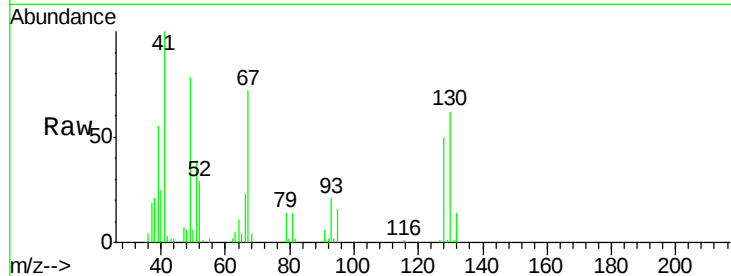
#41
Methacrylonitrile
Concen: 21.69 ug/l
RT: 4.55 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.1	43.8	65.6	
67	74.8	56.3	84.5	
52	31.1	23.2	34.8	

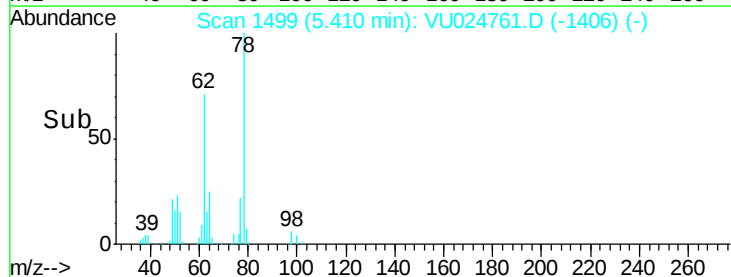
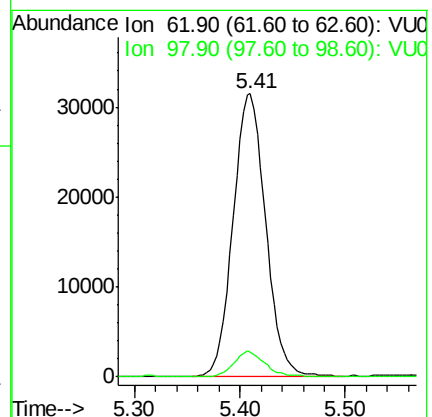
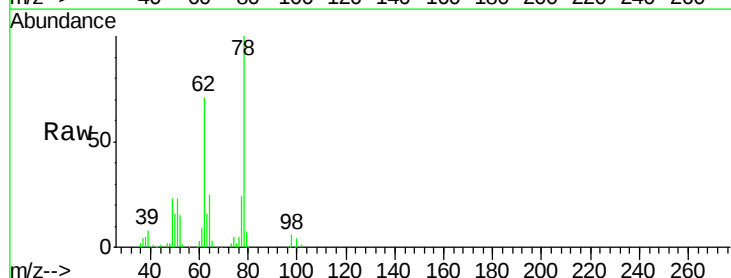
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#42
1,2-Dichloroethane
Concen: 19.58 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.6	





#43

Isopropyl Acetate

Concen: 20.04 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

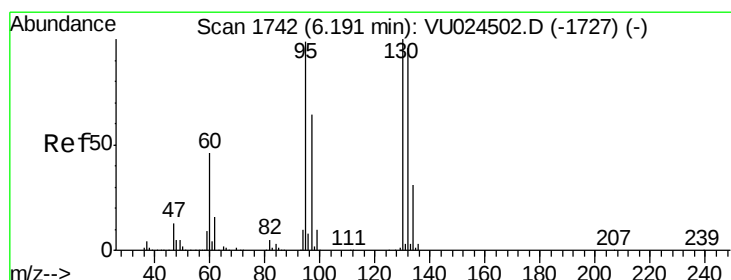
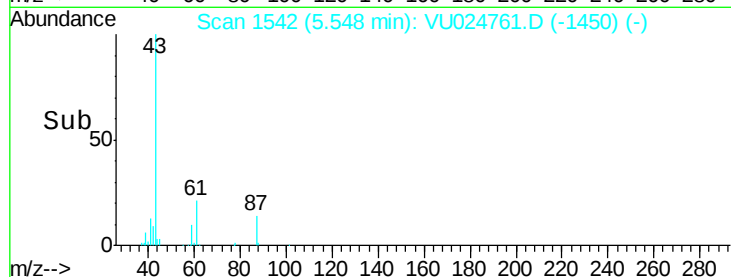
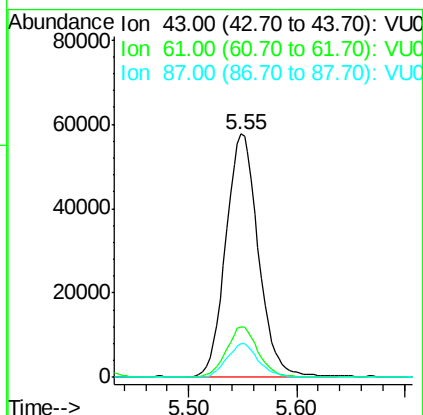
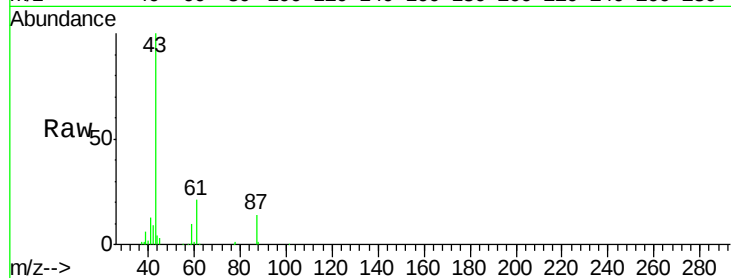
ClientSampleId :

VU0620WBSD01

Tot Ion:	43	Resp:	119927
Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.4	23.0
87	13.6	10.0	15.0

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#44

Trichloroethene

Concen: 19.64 ug/l

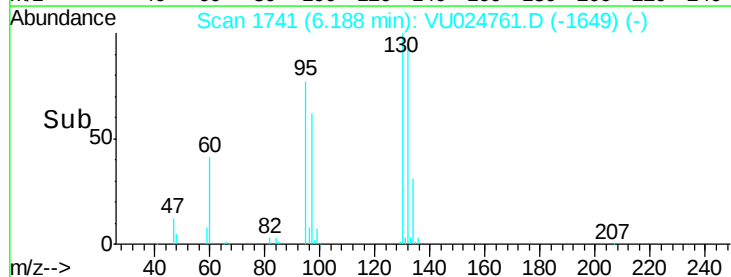
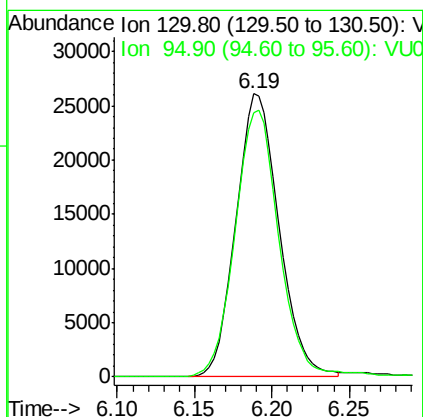
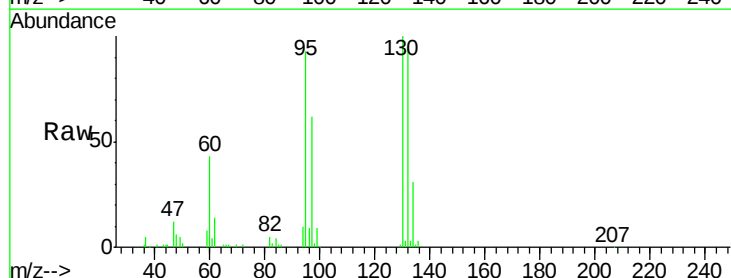
RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion:	130	Resp:	50584
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	202.4





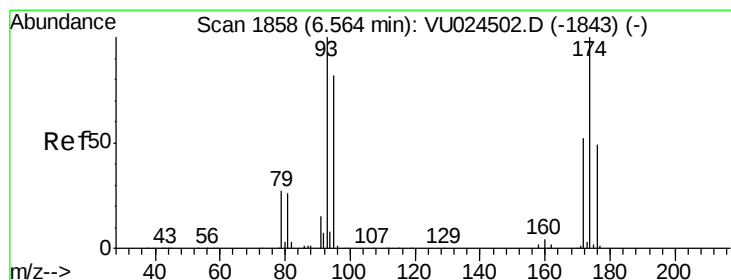
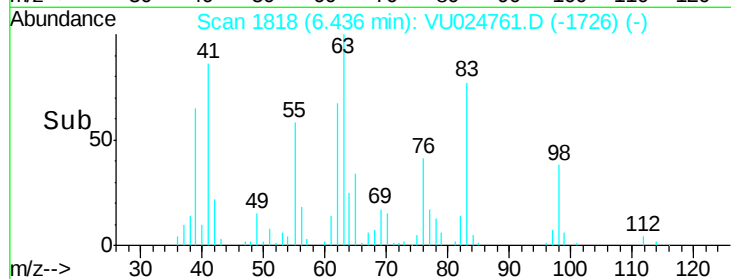
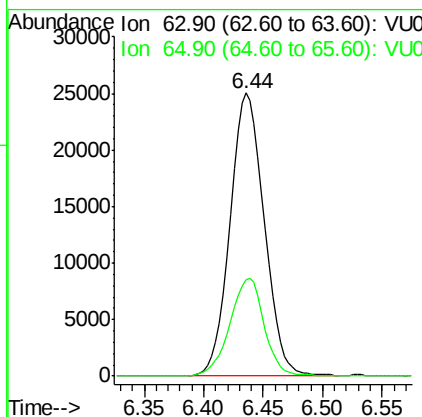
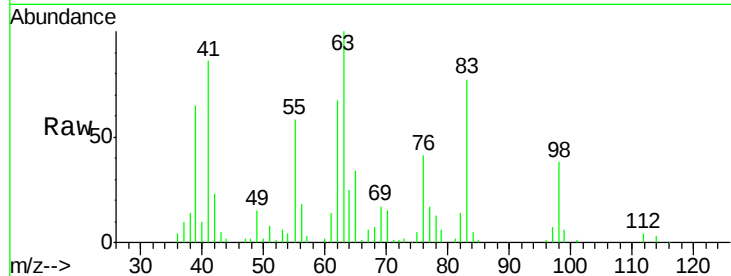
#45
 1,2-Dichloropropane
 Concen: 20.65 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBSD01

Tot Ion: 63 Resp: 49883
 Ion Ratio Lower Upper
 63 100
 65 34.1 24.8 37.2

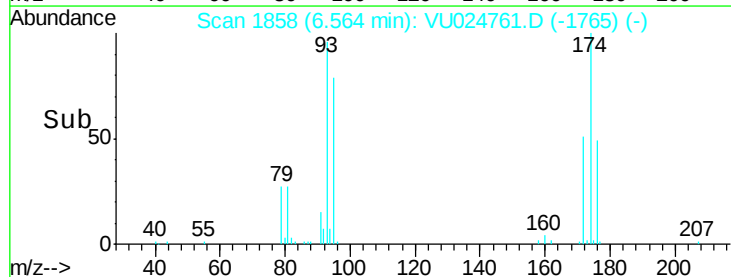
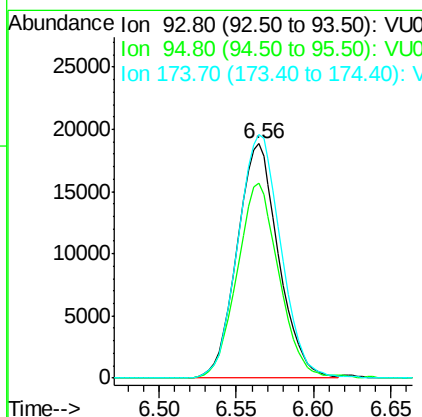
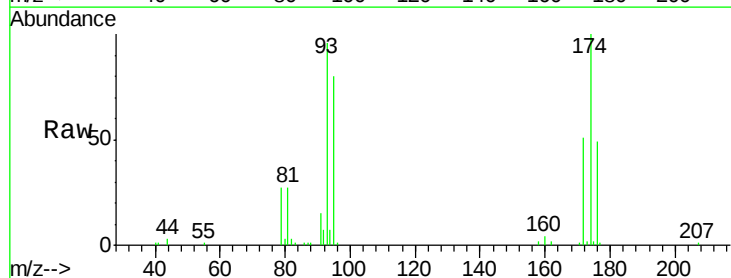
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#46
 Dibromomethane
 Concen: 20.75 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Tgt Ion: 93 Resp: 35208
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 107.7 78.7 118.1





#47

Bromodichloromethane

Concen: 19.54 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

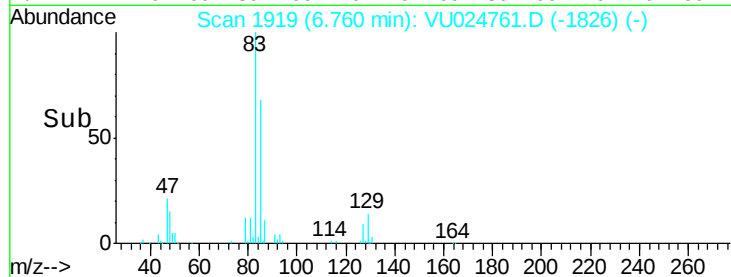
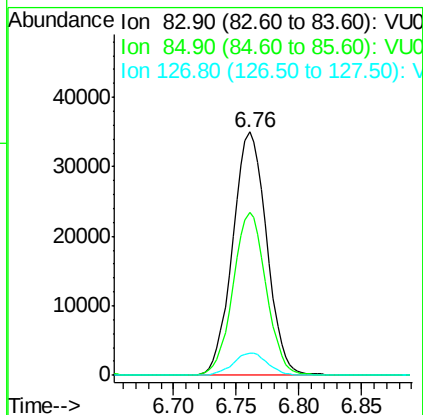
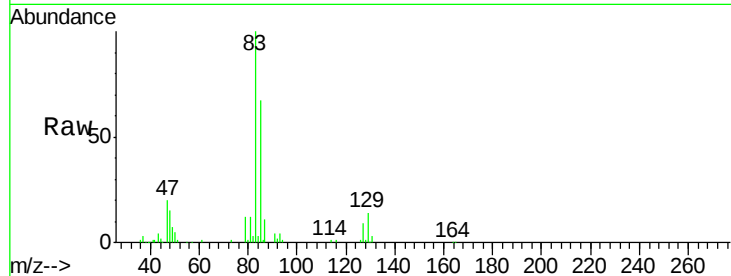
ClientSampleId :

VU0620WBSD01

Tot Ion:	83	Resp:	66023
Ion Ratio	Lower	Upper	
83	100		
85	66.8	51.9	77.9
127	8.9	6.6	9.8

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#48

Methyl methacrylate

Concen: 20.28 ug/l

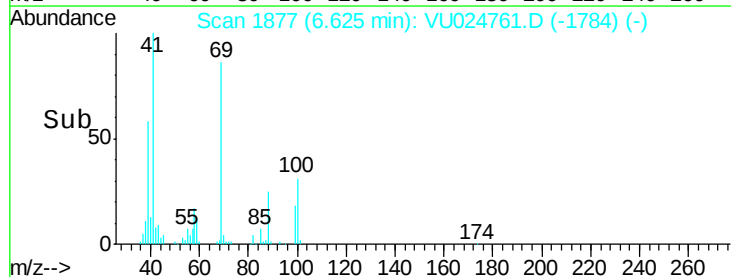
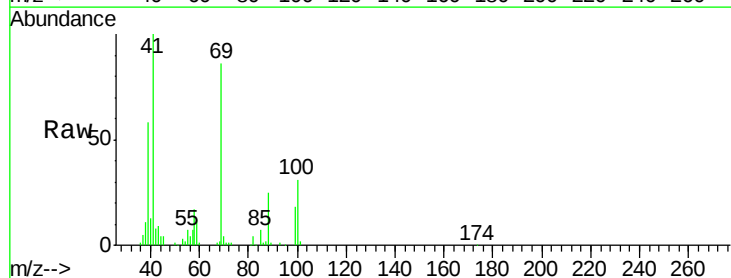
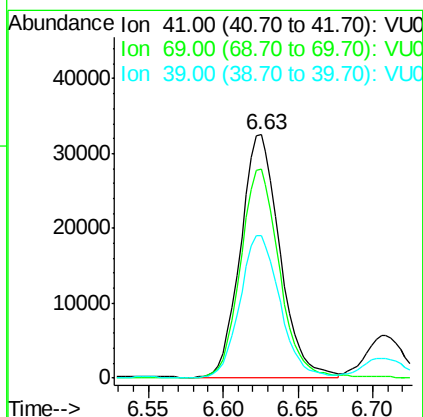
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion:	41	Resp:	59113
Ion Ratio	Lower	Upper	
41	100		
69	85.8	67.3	100.9
39	60.2	46.5	69.7





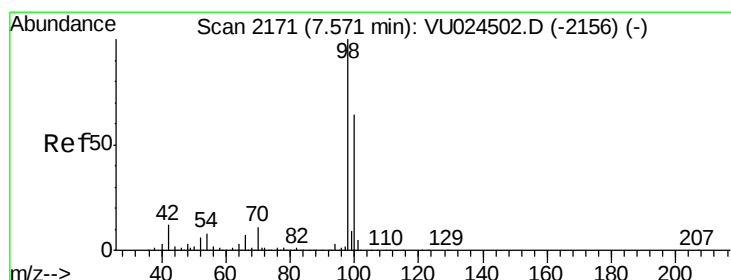
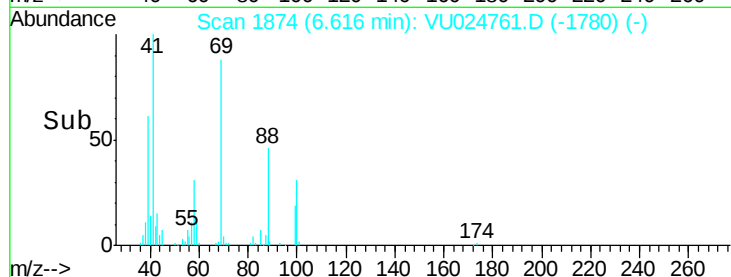
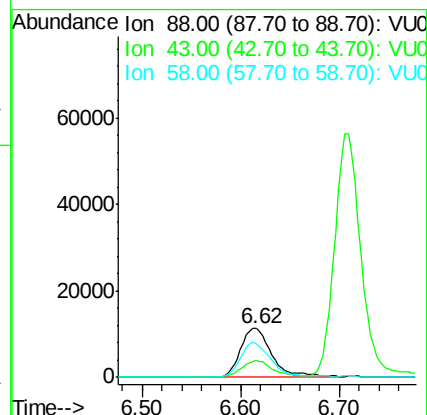
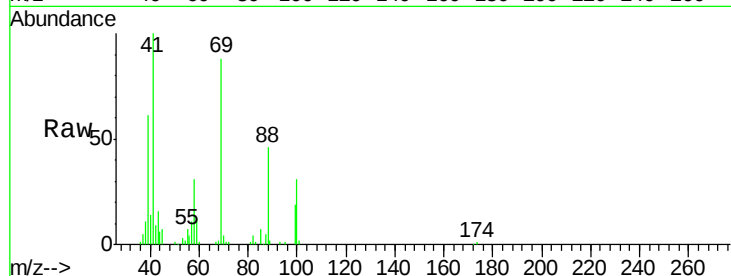
#49
1,4-Dioxane
Concen: 448.78 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	28.6	42.8
58	66.6	58.2	87.4

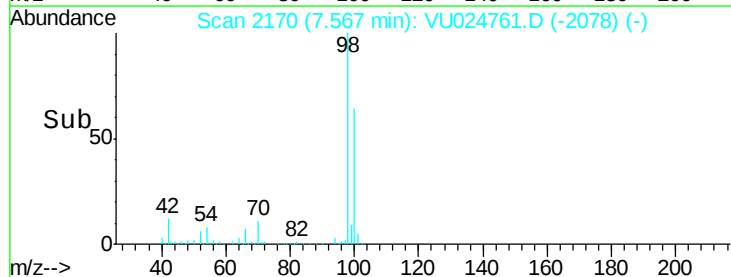
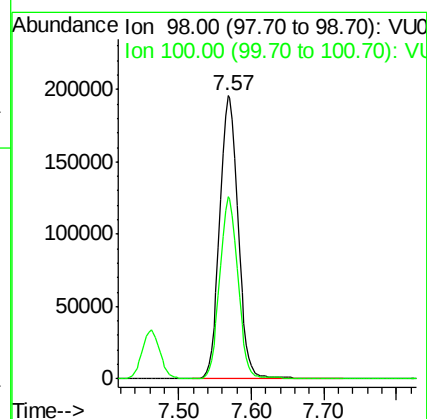
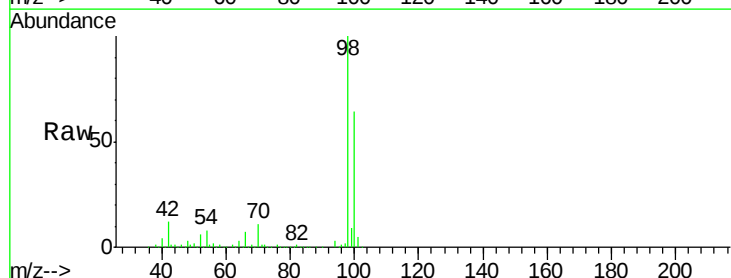
Manual Integrations
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#50
Toluene-d8
Concen: 42.50 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 105.32 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion: 43 Resp: 395987

Ion Ratio Lower Upper

43 100

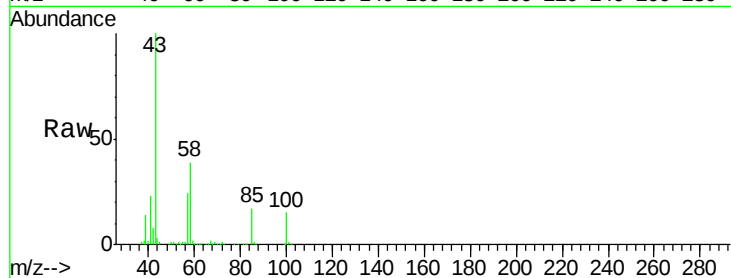
58 38.5 30.0 45.0

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

250000

200000

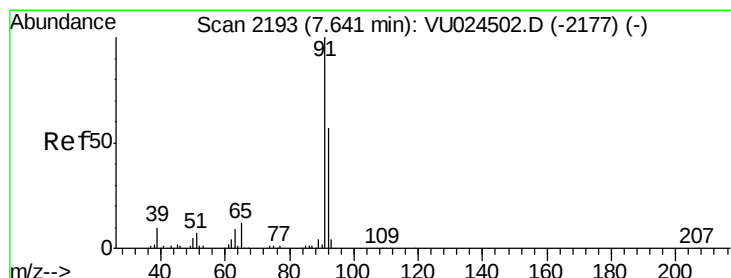
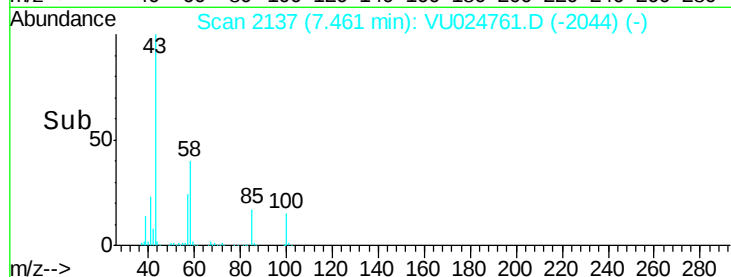
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.23 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024761.D

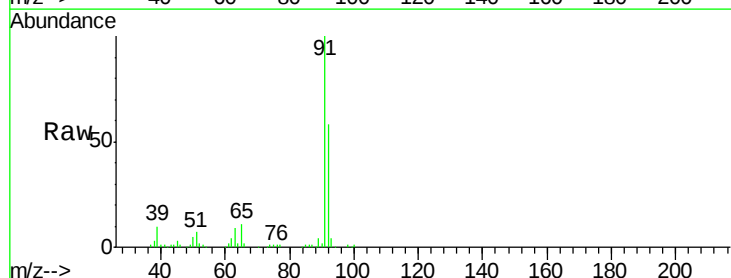
Acq: 20 Jun 2018 16:36

Tgt Ion: 92 Resp: 117815

Ion Ratio Lower Upper

92 100

91 174.4 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

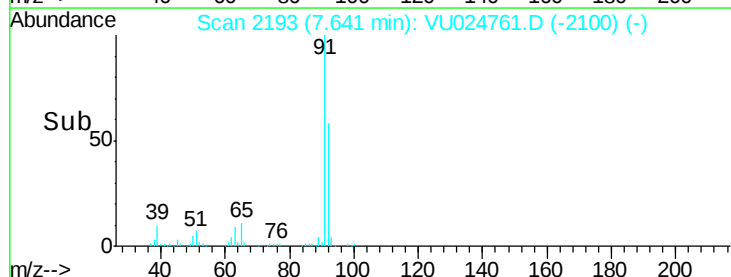
7.64

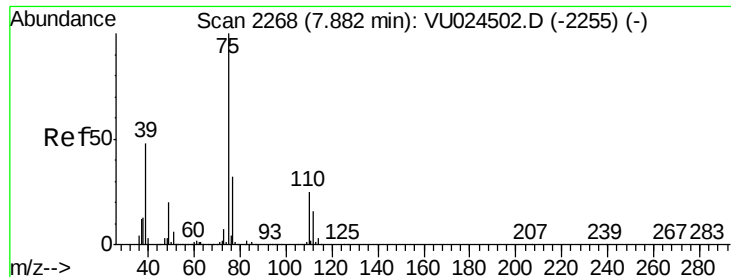
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.80 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion: 75 Resp: 71307

Ion Ratio Lower Upper

75 100

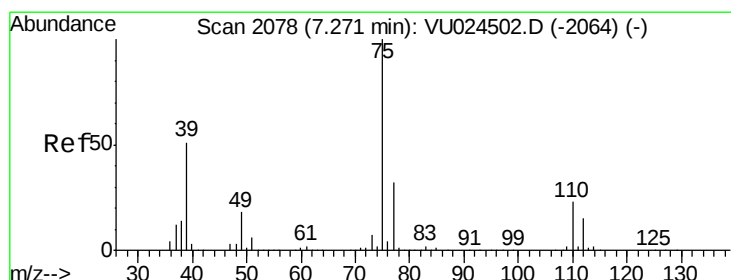
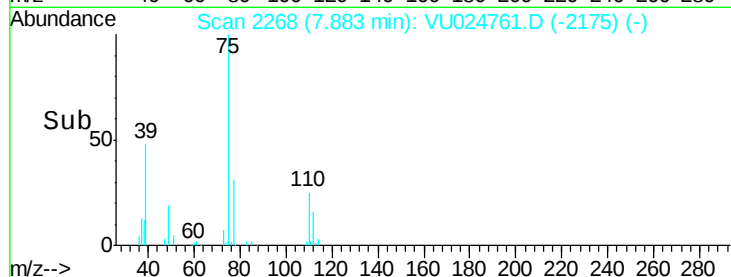
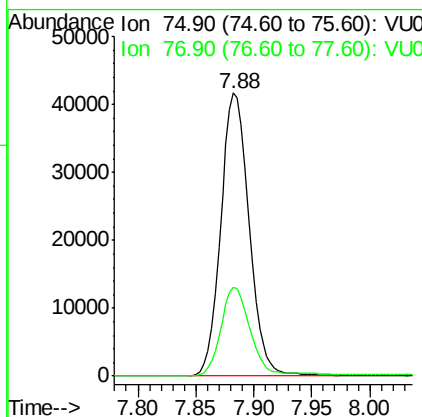
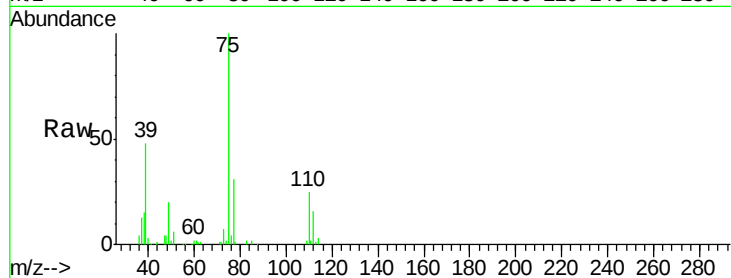
77 31.5 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 19.00 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

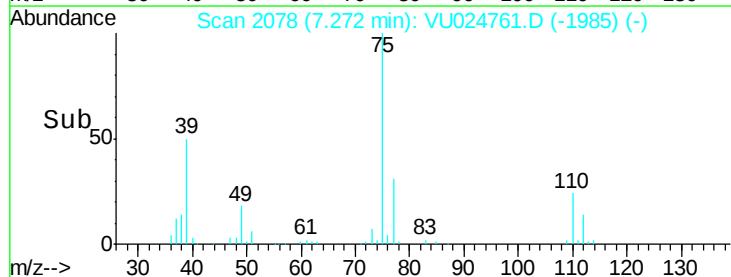
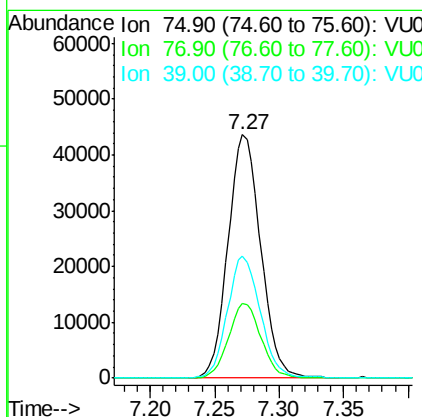
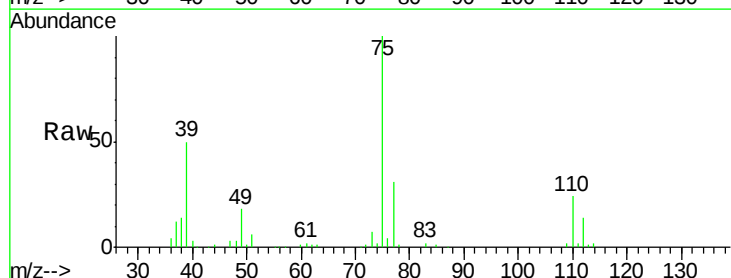
Tgt Ion: 75 Resp: 76785

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 50.1 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 20.87 ug/l

RT: 8.07 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

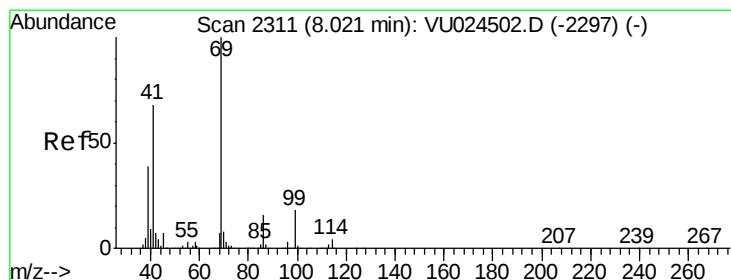
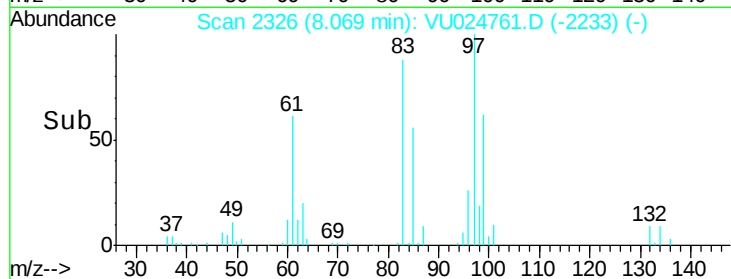
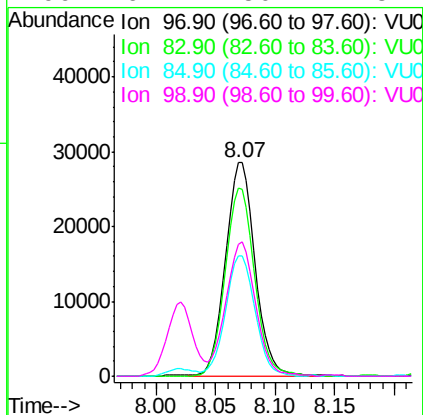
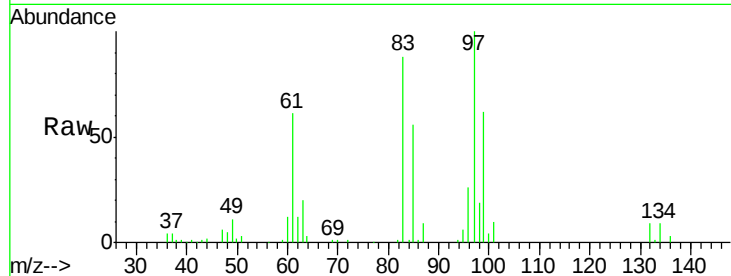
ClientSampleId :

VU0620WBSD01

Tot Ion:	97	Resp:	49400
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.5	105.7
85	56.5	46.4	69.6
99	61.1	50.2	75.2

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#56

Ethyl methacrylate

Concen: 20.35 ug/l

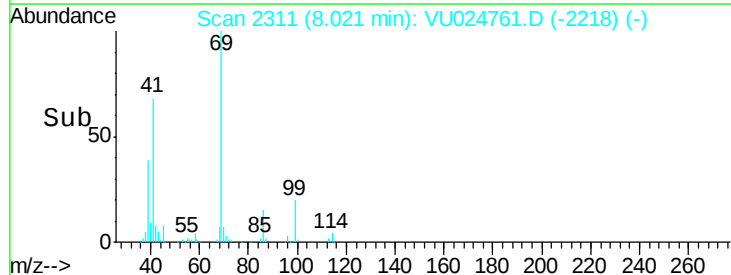
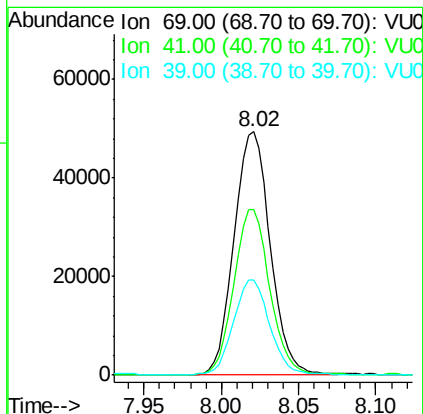
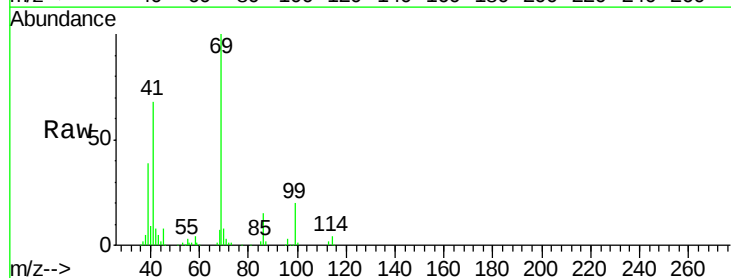
RT: 8.02 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion:	69	Resp:	80608
Ion	Ratio	Lower	Upper
69	100		
41	66.4	54.1	81.1
39	39.4	30.3	45.5





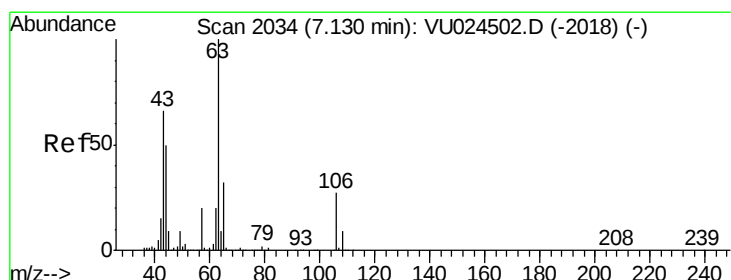
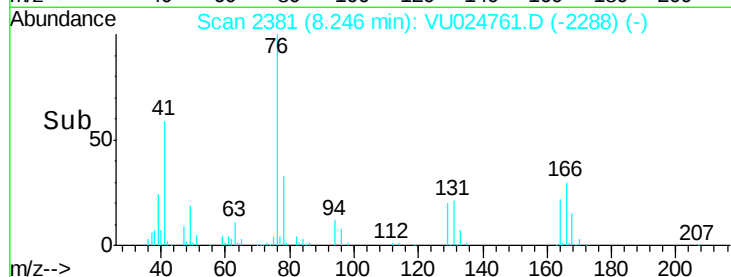
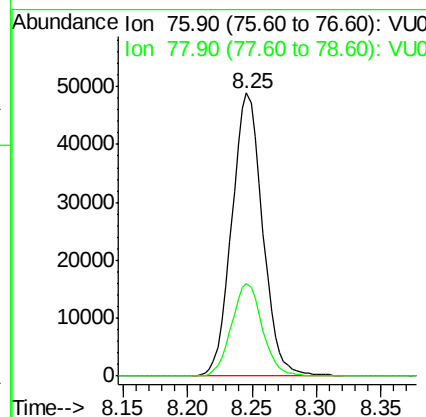
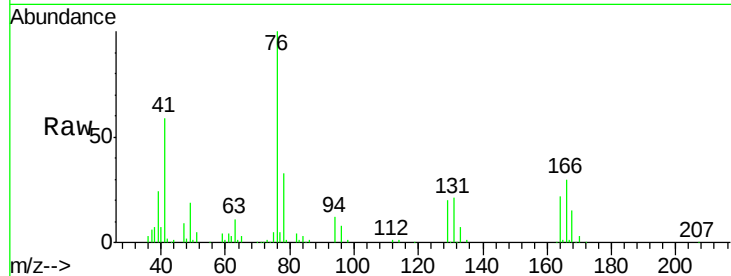
#57
 1,3-Dichloropropane
 Concen: 20.29 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBSD01

Tot Ion: 76 Resp: 81041
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.2 37.8

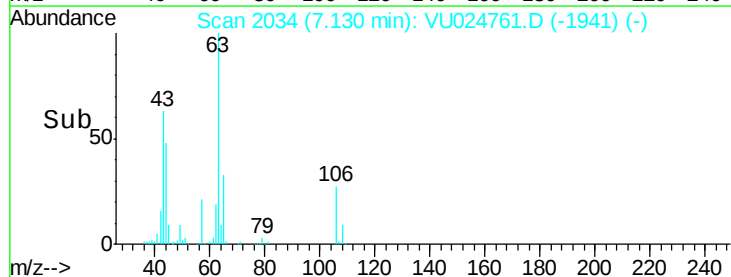
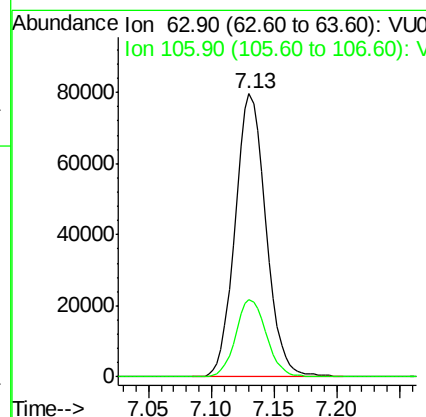
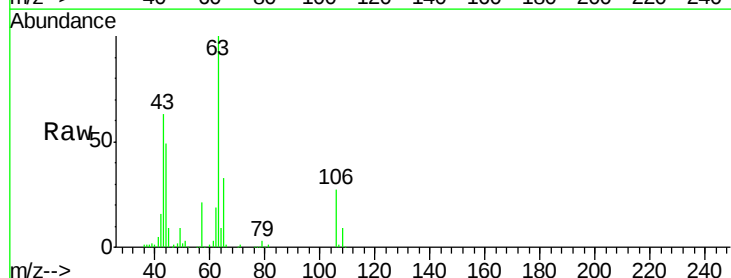
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#58
 2-Chloroethyl Vinyl ether
 Concen: 89.79 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Tgt Ion: 63 Resp: 136282
 Ion Ratio Lower Upper
 63 100
 106 27.1 20.2 30.2





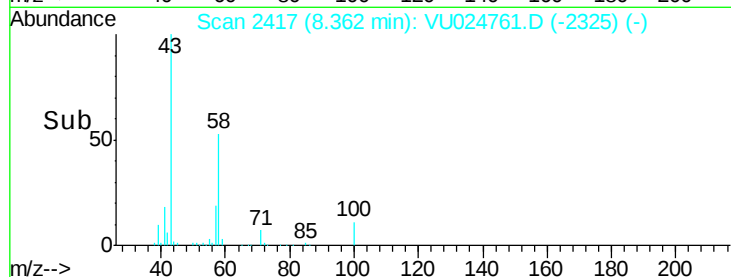
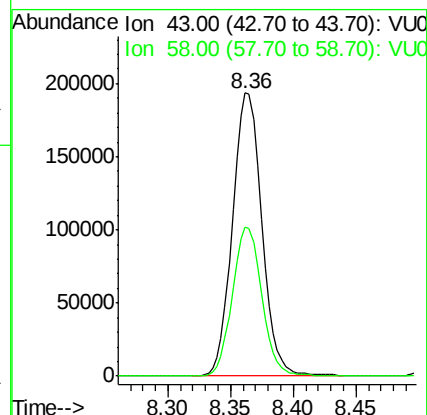
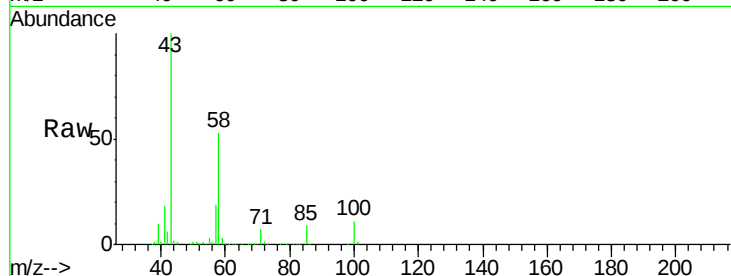
#59
2-Hexanone
Concen: 102.65 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion: 43 Resp: 315097
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.0

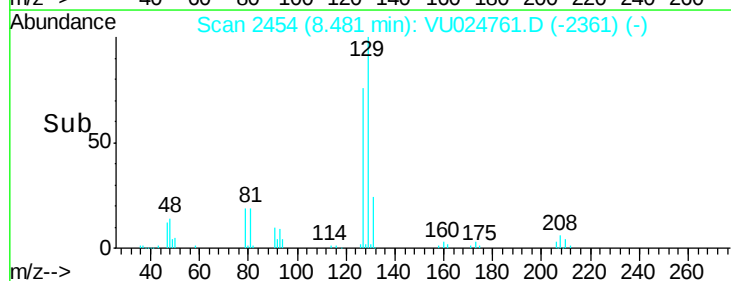
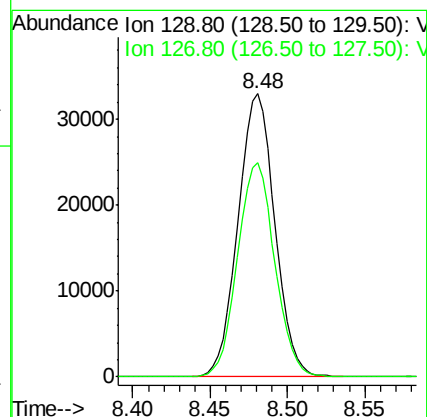
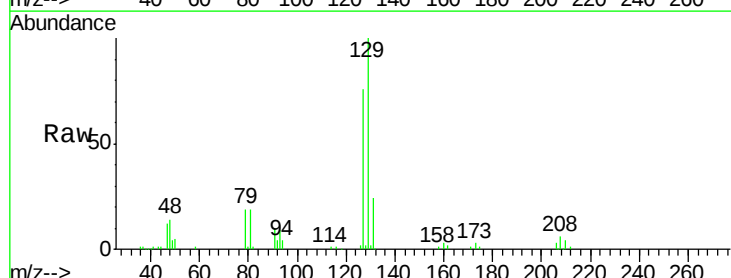
Manual Integrations
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#60
Dibromochloromethane
Concen: 18.48 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion: 129 Resp: 54545
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.27 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion:107 Resp: 53418

Ion Ratio Lower Upper

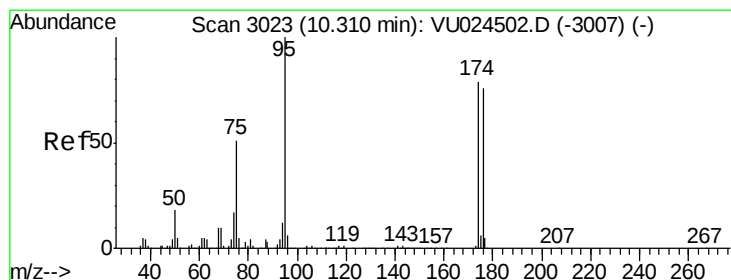
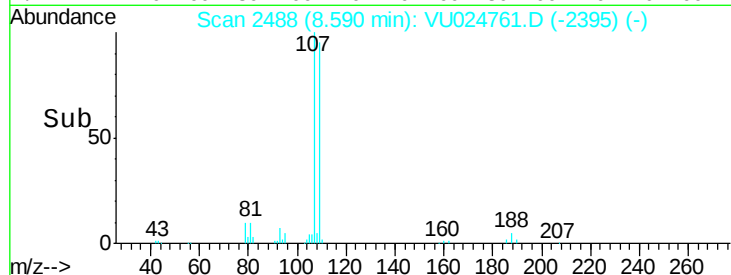
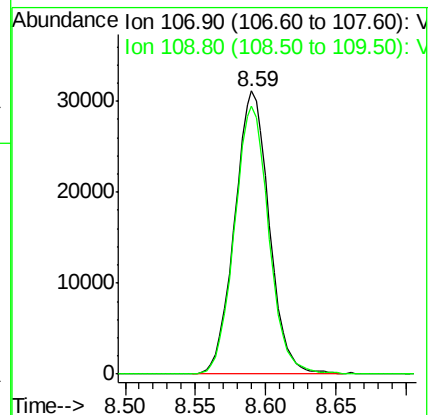
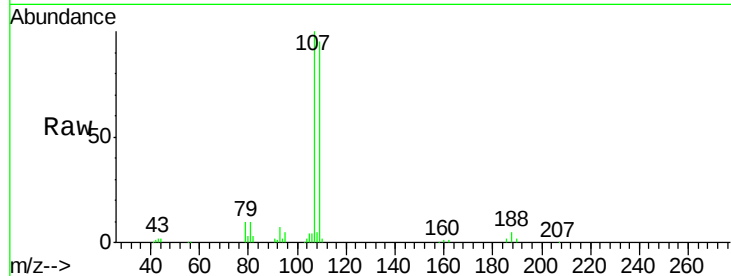
107 100

109 94.0 74.5 111.7

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#62

4-Bromofluorobenzene

Concen: 40.51 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

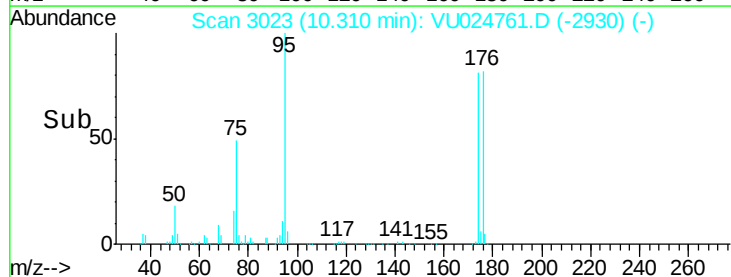
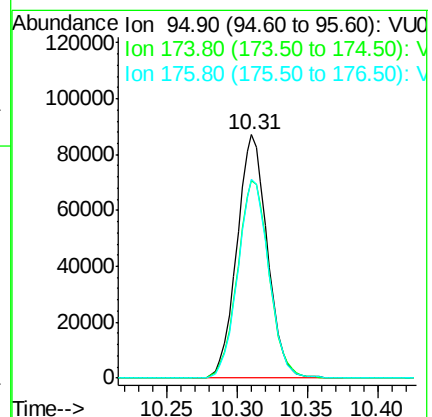
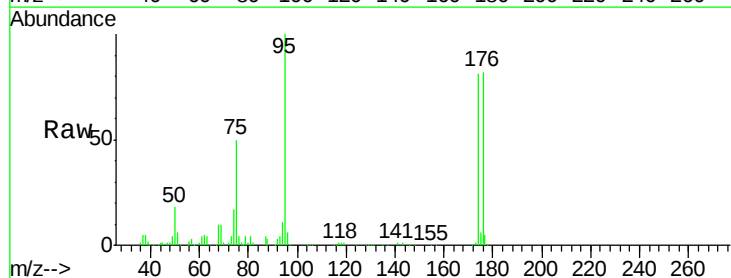
Tgt Ion: 95 Resp: 131629

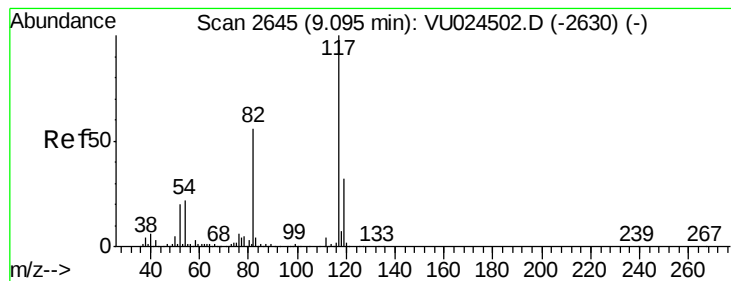
Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

176 82.9 0.0 159.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

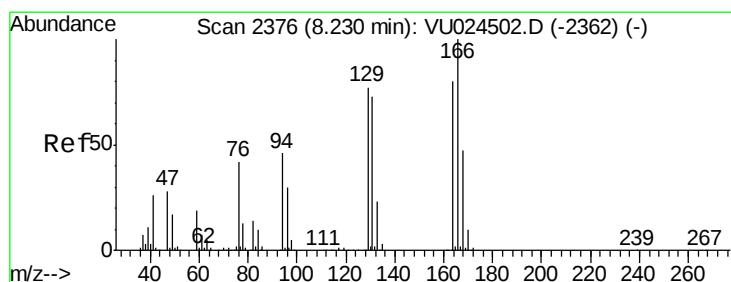
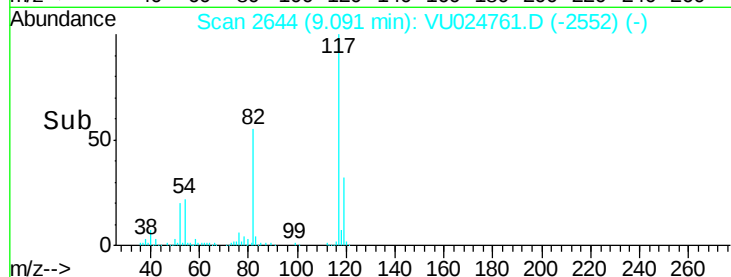
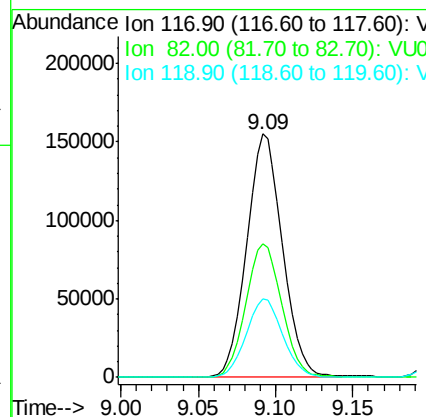
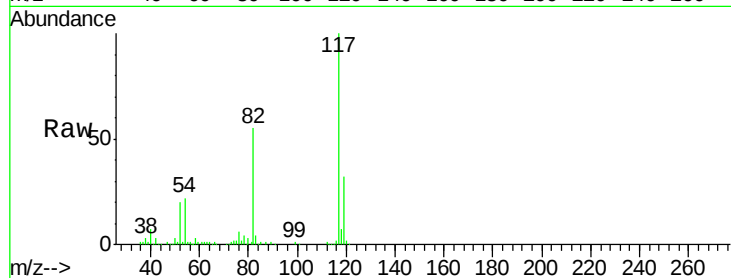
ClientSampleId :

VU0620WBSD01

Tot Ion:	117	Resp:	249638
Ion Ratio	Lower	Upper	
117	100		
82	55.1	44.3	66.5
119	32.2	25.4	38.2

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#64

Tetrachloroethene

Concen: 18.45 ug/l

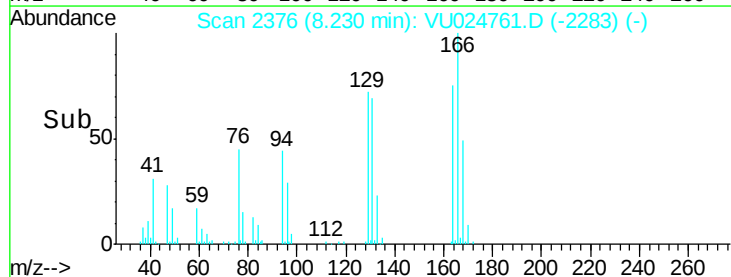
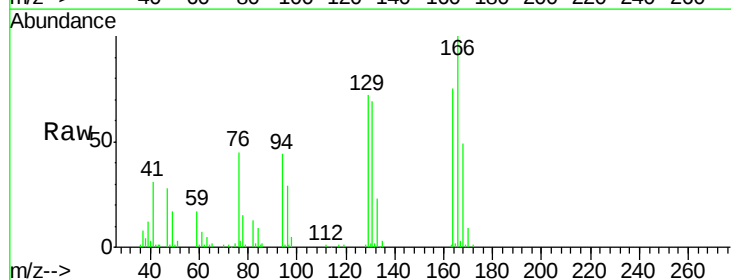
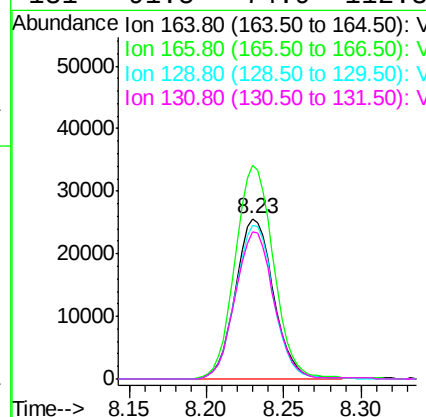
RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion:	164	Resp:	43791
Ion Ratio	Lower	Upper	
164	100		
166	133.0	101.7	152.5
129	95.5	76.9	115.3
131	91.5	74.9	112.3





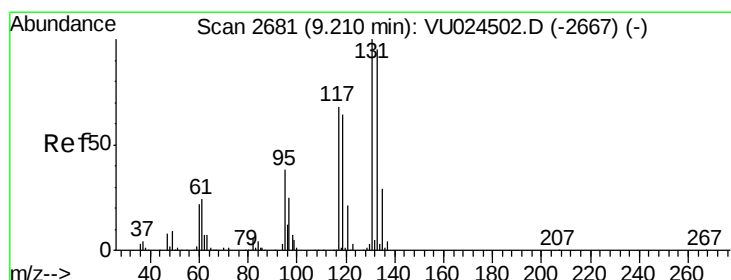
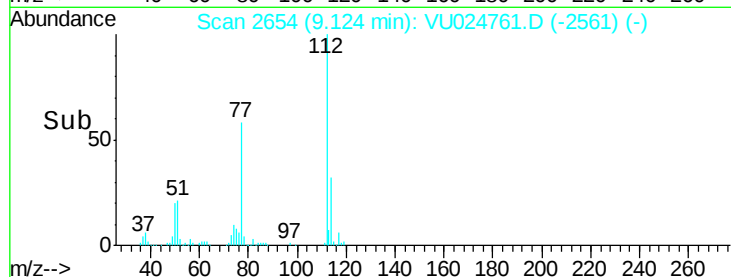
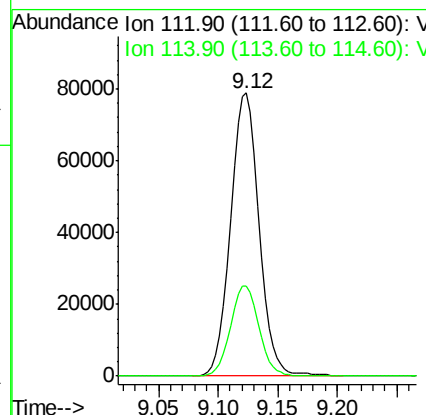
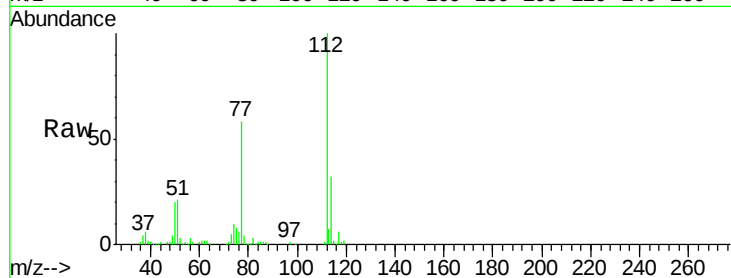
#65
Chlorobenzene
Concen: 20.55 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.6	38.4

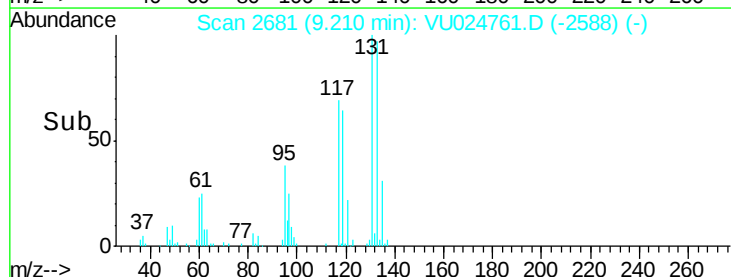
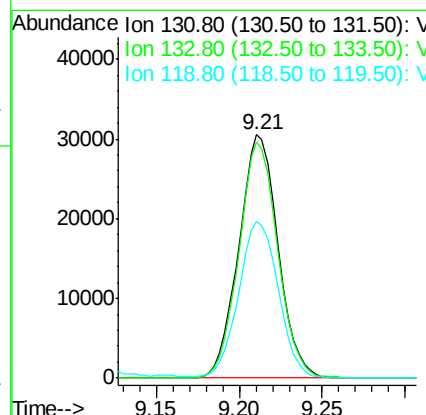
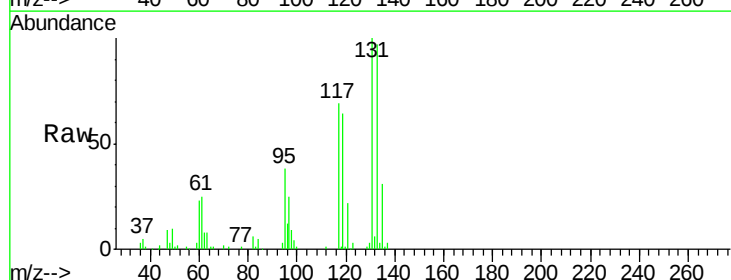
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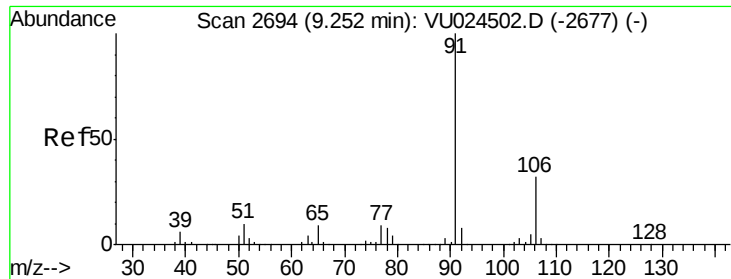
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.76 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	46.9	140.8
119	65.4	33.5	100.4





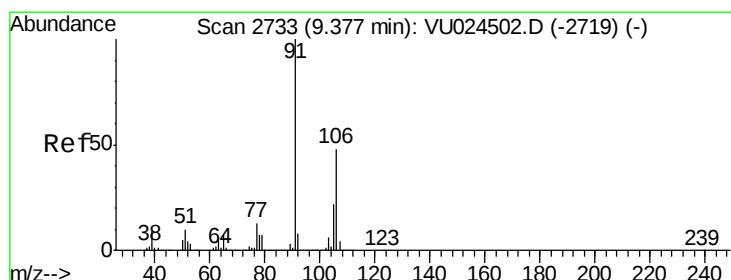
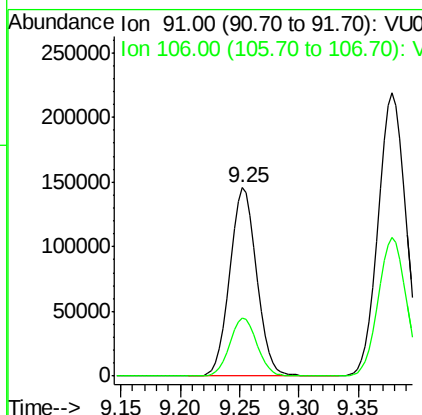
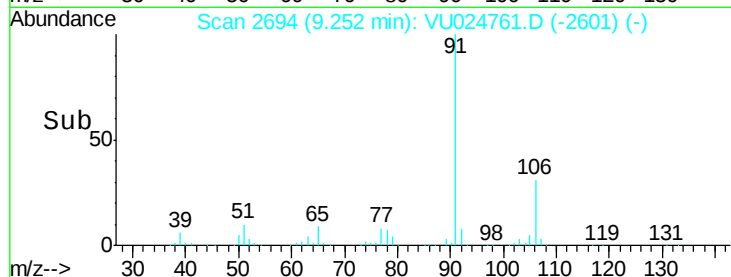
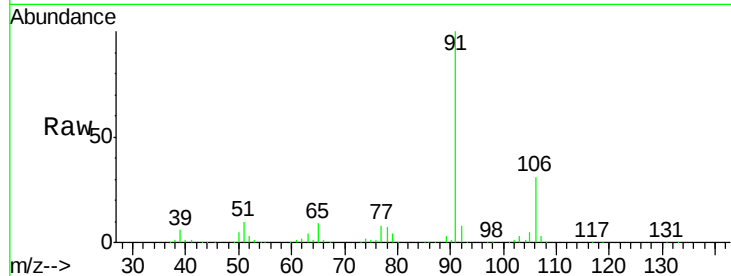
#67
Ethyl Benzene
Concen: 20.44 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion: 91 Resp: 228563
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

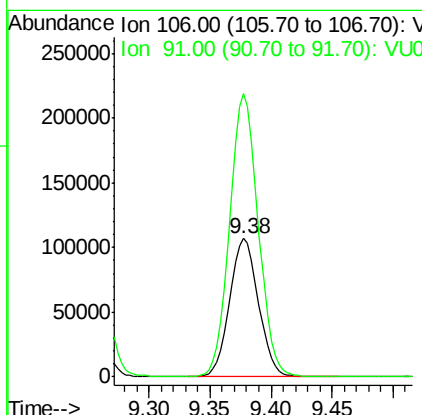
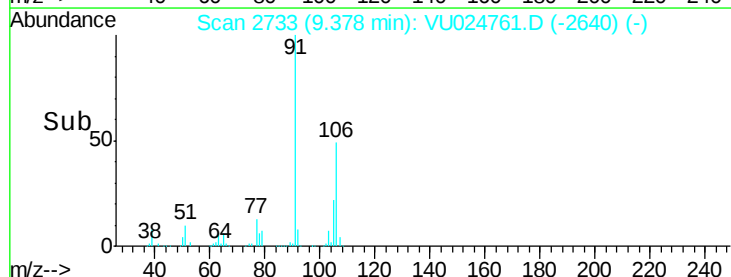
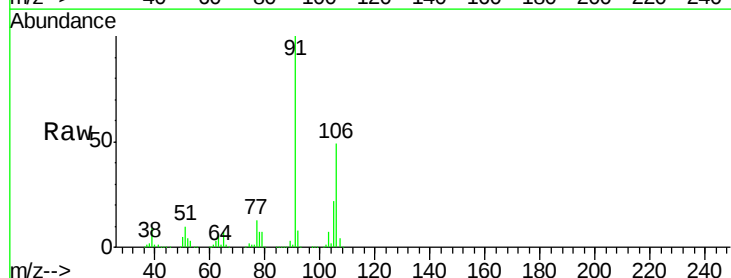
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#68
m/p-Xylenes
Concen: 41.17 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion: 106 Resp: 176758
Ion Ratio Lower Upper
106 100
91 202.5 166.5 249.7





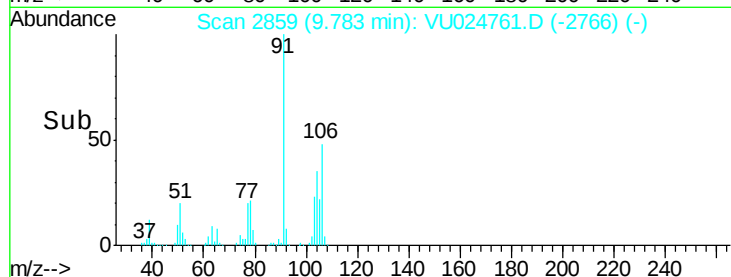
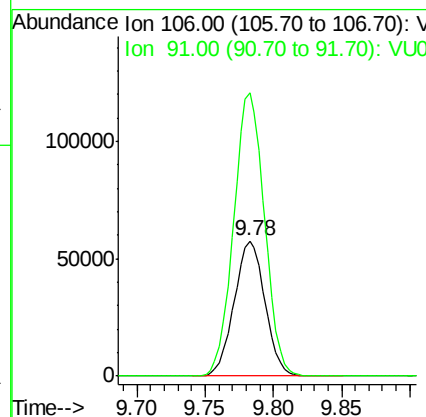
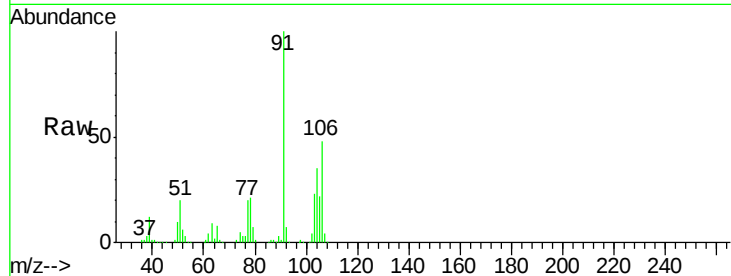
#69
o-Xylene
Concen: 21.23 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.2	110.7	331.9

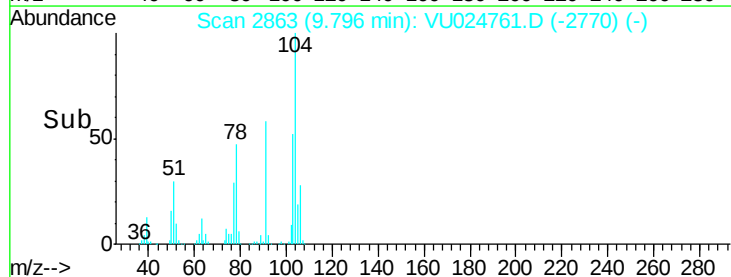
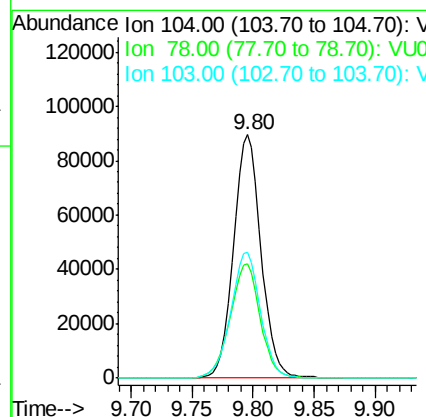
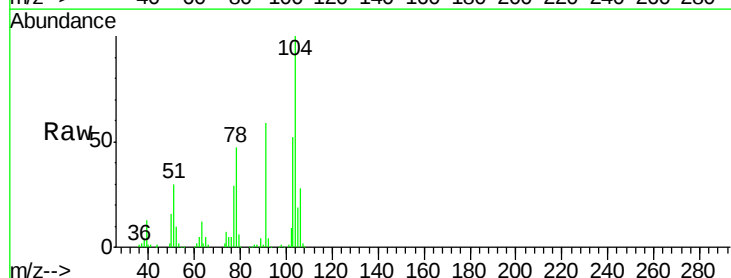
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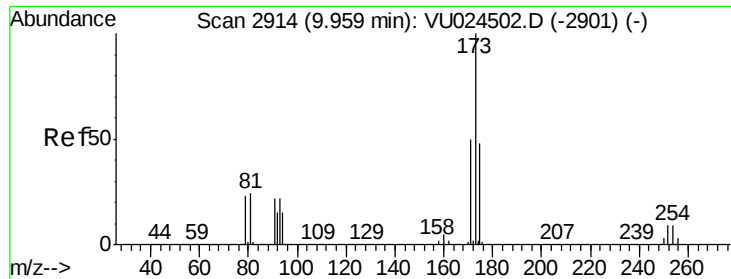
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#70
Styrene
Concen: 20.17 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.5	40.6	60.8
103	56.0	44.7	67.1





#71

Bromoform

Concen: 18.66 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion:173 Resp: 42981

Ion Ratio Lower Upper

173 100

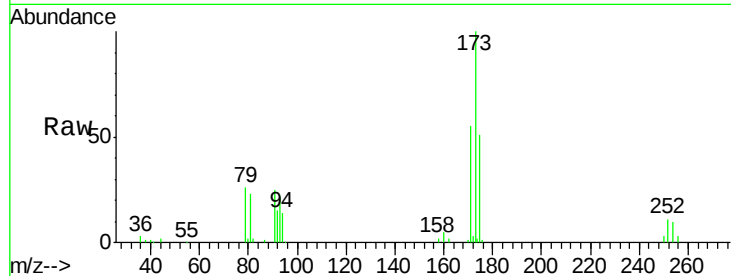
175 50.4 24.6 74.0

254 0.0 0.0 0.0

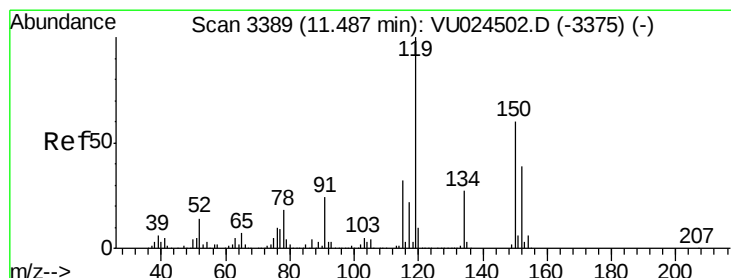
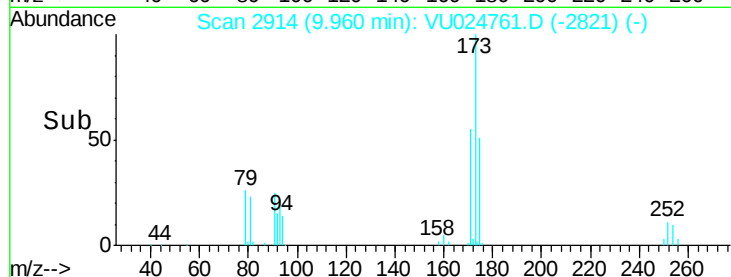
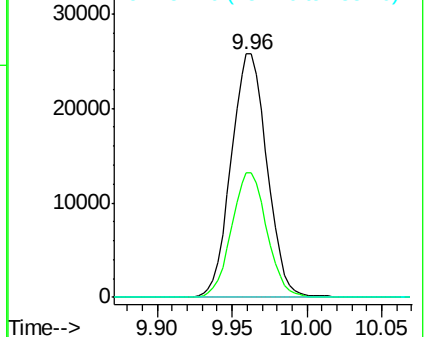
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

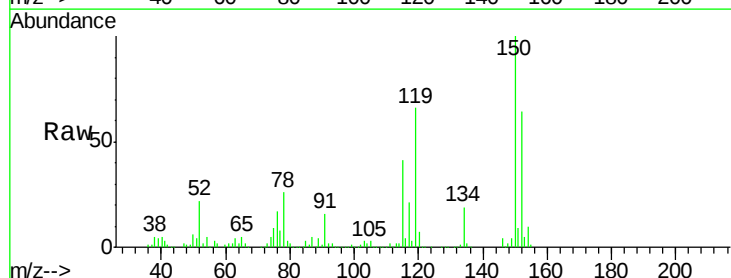
Tgt Ion:152 Resp: 144101

Ion Ratio Lower Upper

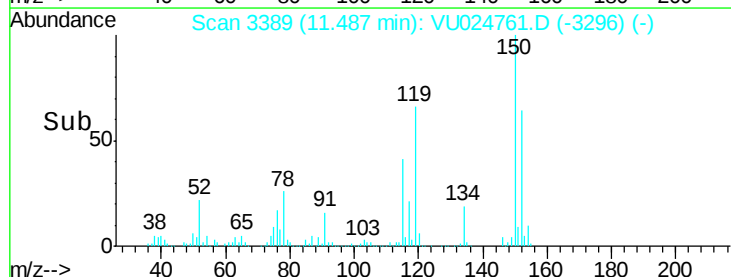
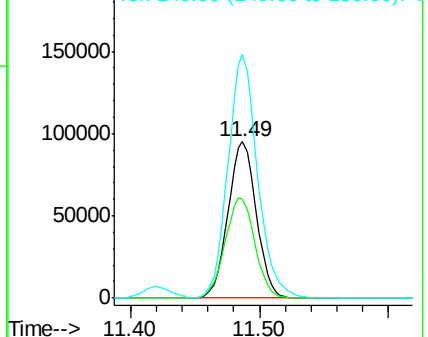
152 100

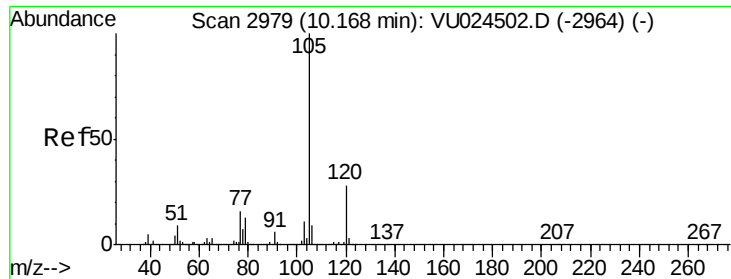
115 67.6 43.0 129.0

150 162.6 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.17 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampled :

VU0620WBSD01

Tot Ion:105 Resp: 234205

Ion Ratio Lower Upper

105 100

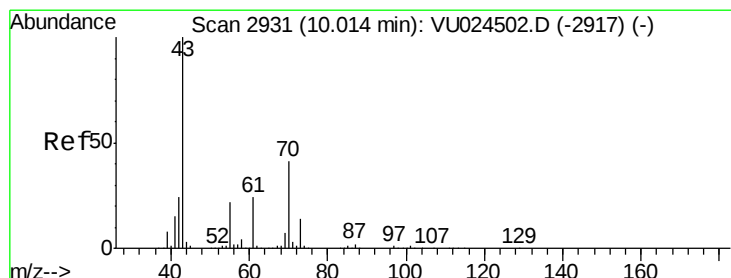
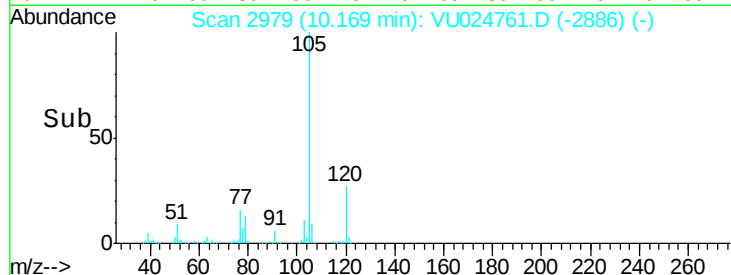
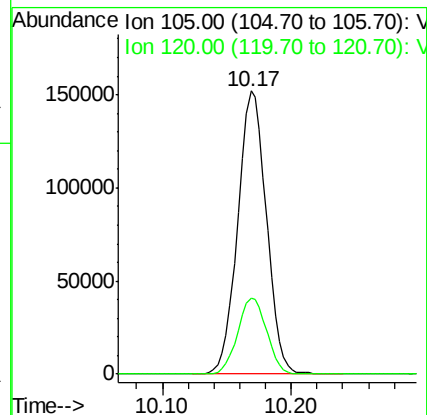
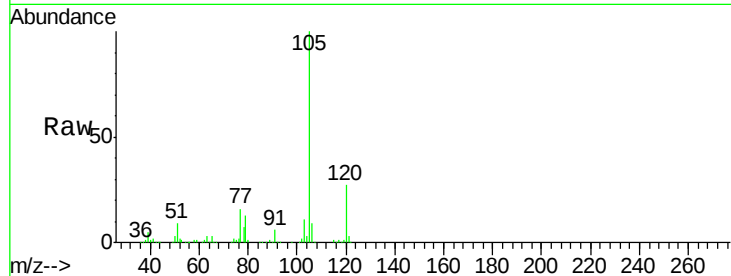
120 27.3 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.98 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion: 43 Resp: 110428

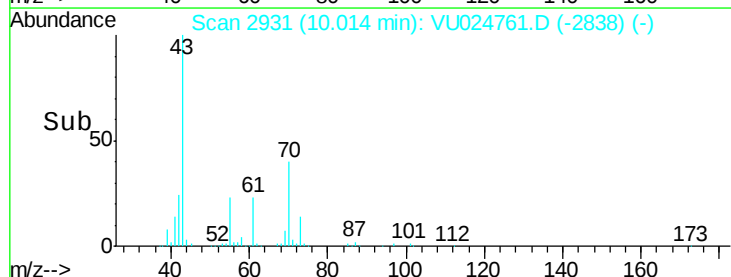
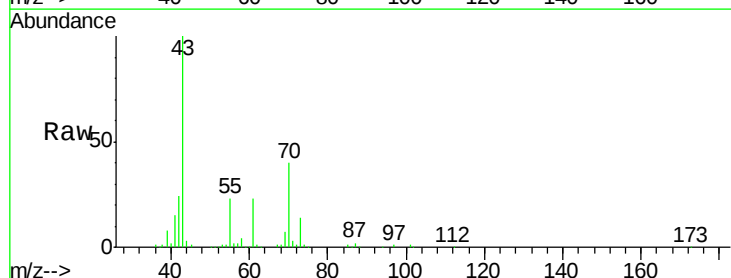
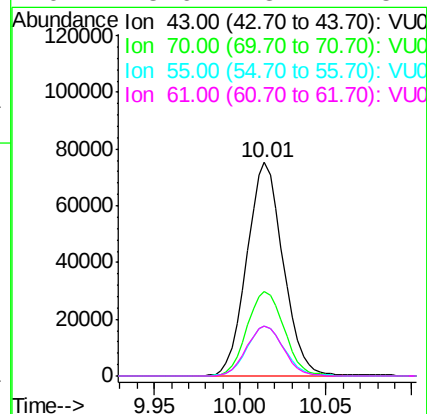
Ion Ratio Lower Upper

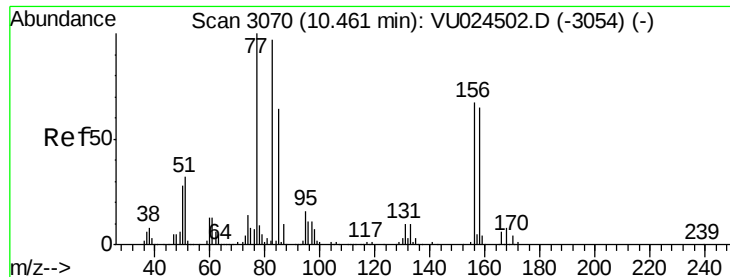
43 100

70 40.5 32.2 48.4

55 24.0 20.5 30.7

61 23.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.22 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion: 83 Resp: 82395

Ion Ratio Lower Upper

83 100

131 10.0 4.7 14.1

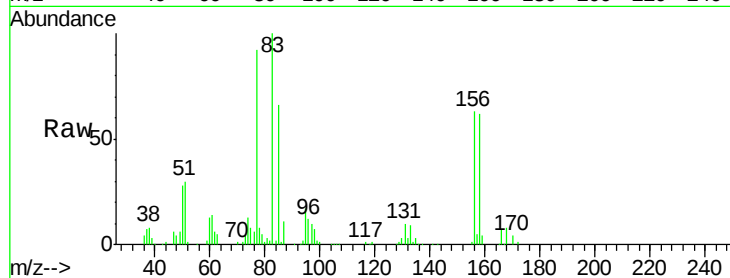
85 64.1 32.5 97.5

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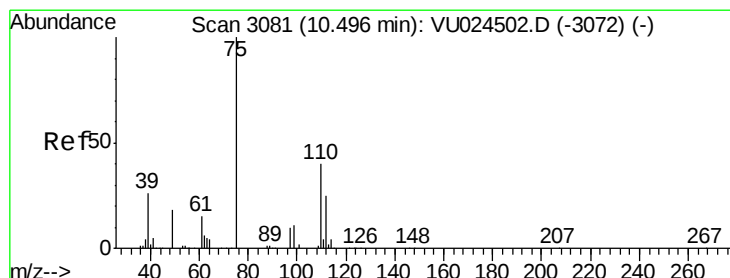
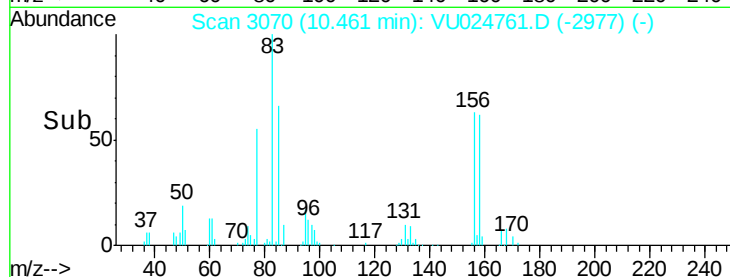
Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0

10.46

Time-->



#76

1,2,3-Trichloropropane

Concen: 23.00 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024761.D

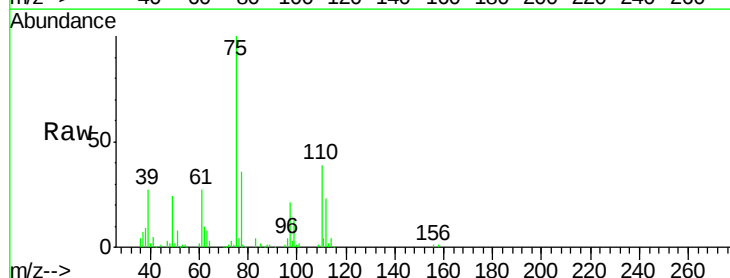
Acq: 20 Jun 2018 16:36

Tgt Ion: 75 Resp: 72981

Ion Ratio Lower Upper

75 100

77 38.2 20.9 62.7

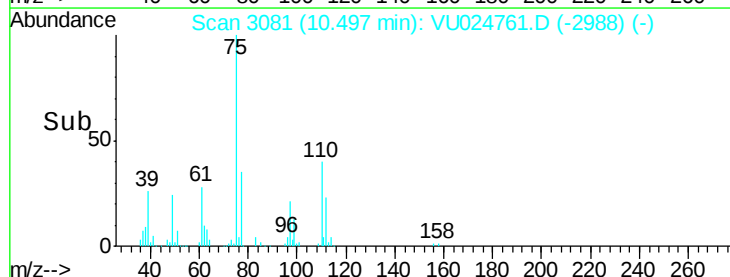


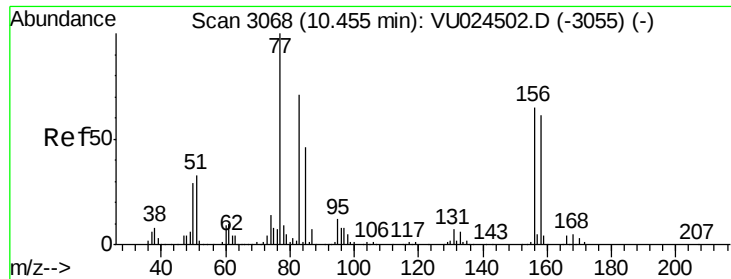
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.50

Time-->





#77

Bromobenzene

Concen: 20.69 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

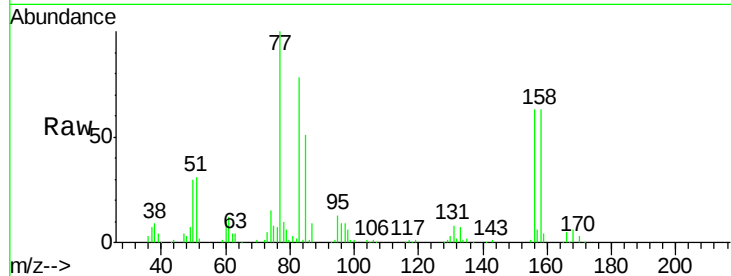
ClientSampled :

VU0620WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	155.7	80.5	241.3		
158	99.4	48.2	144.6		

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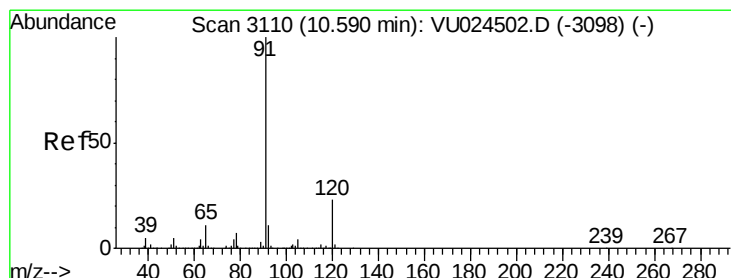
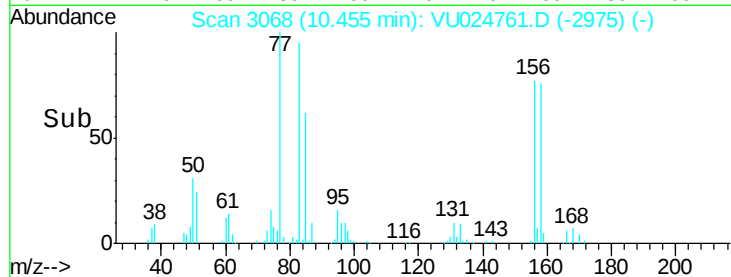
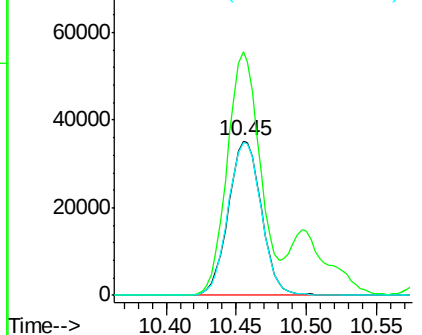
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.09 ug/l

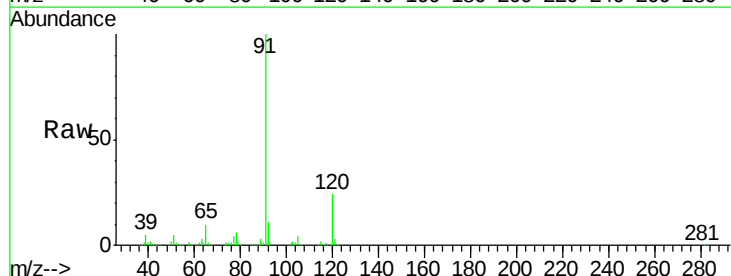
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024761.D

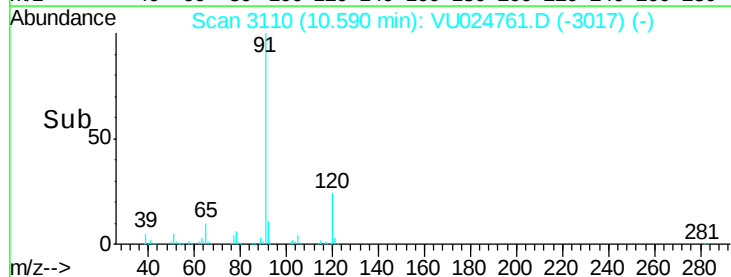
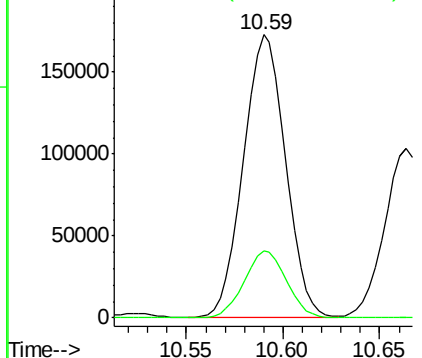
Acq: 20 Jun 2018 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.7	11.2	33.5		



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.63 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion: 91 Resp: 158565

Ion Ratio Lower Upper

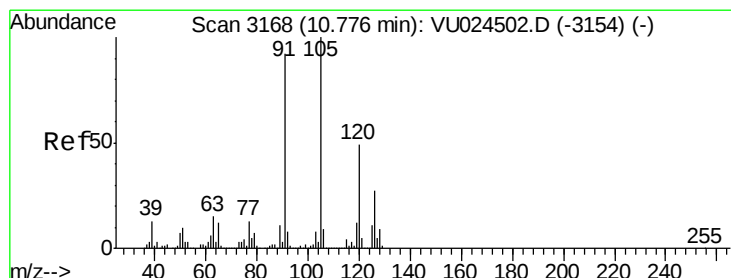
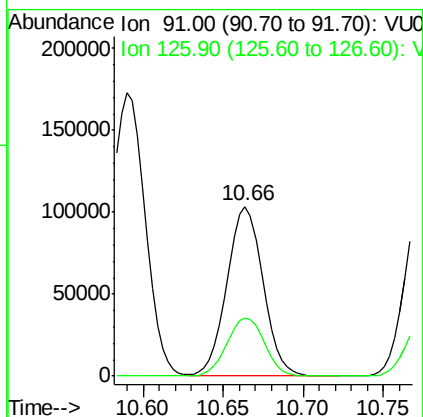
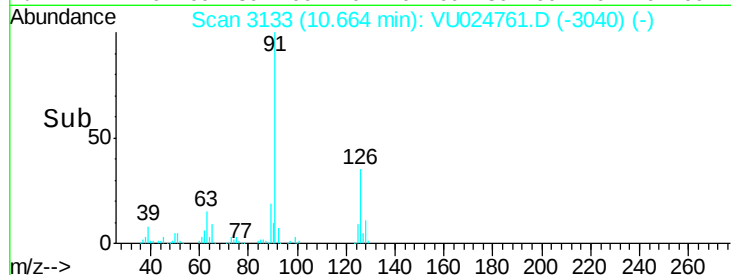
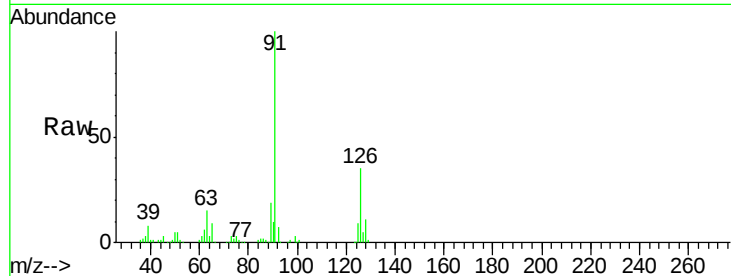
91 100

126 35.7 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 20.81 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024761.D

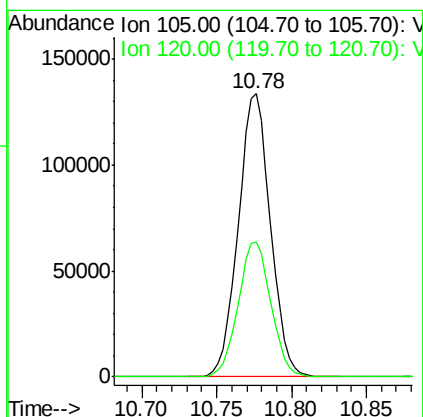
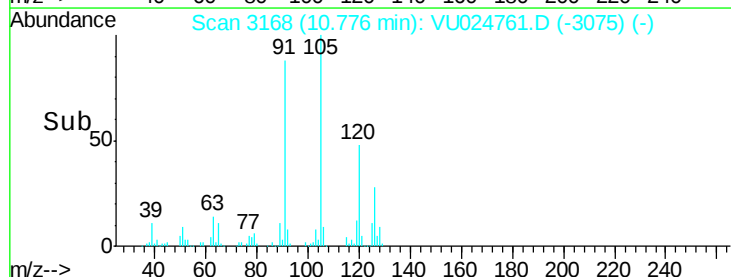
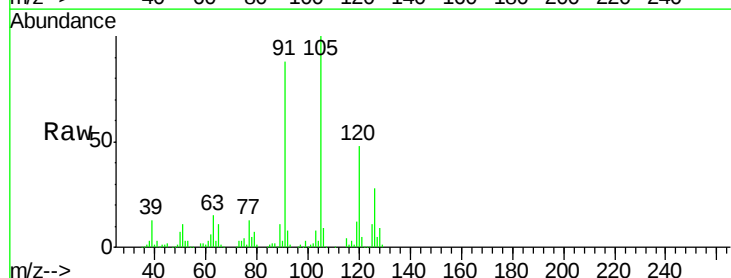
Acq: 20 Jun 2018 16:36

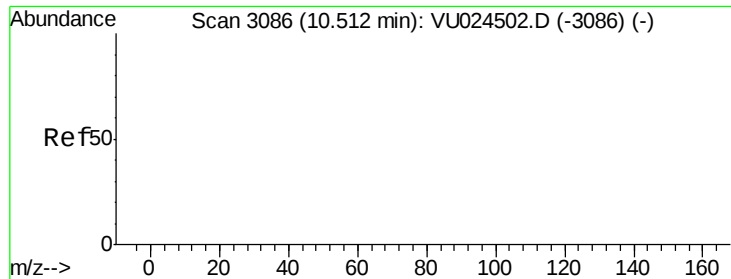
Tgt Ion: 105 Resp: 199596

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





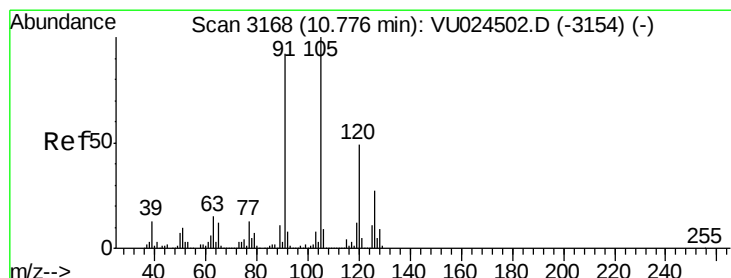
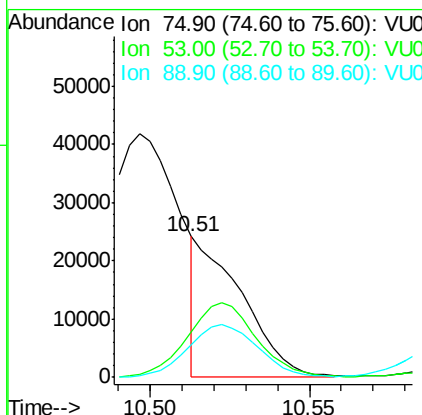
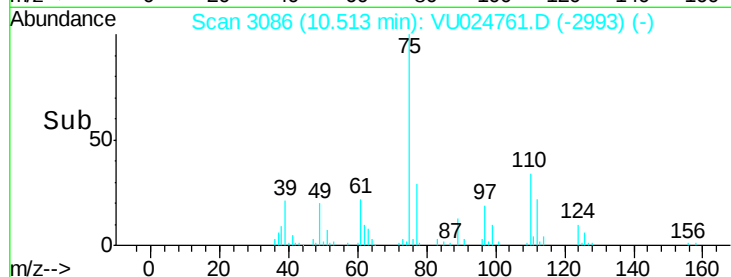
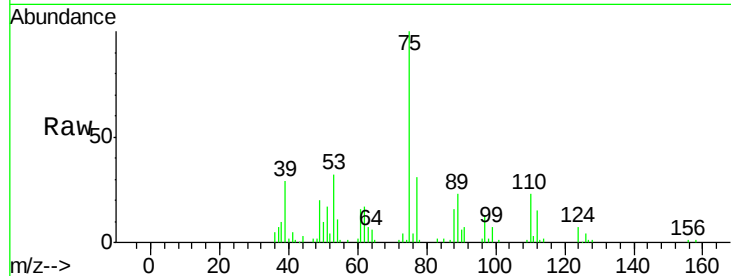
#81
trans-1,4-Dichloro-2-butene
Concen: 17.47 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

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

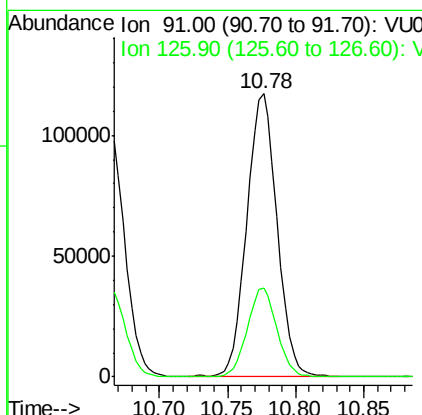
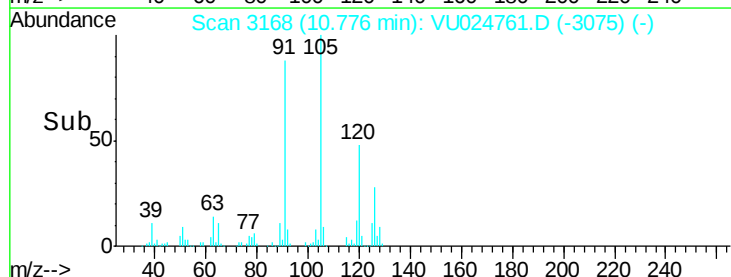
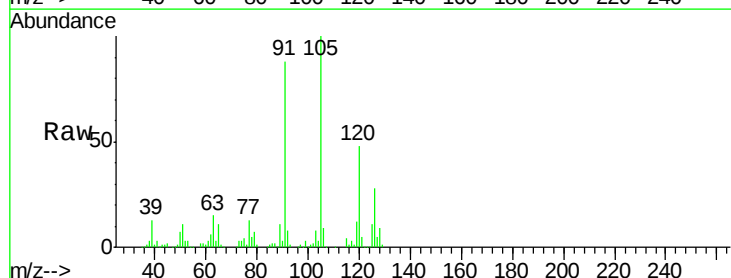
Manual Integrations
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#82
4-Chlorotoluene
Concen: 20.02 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	14.9	44.9





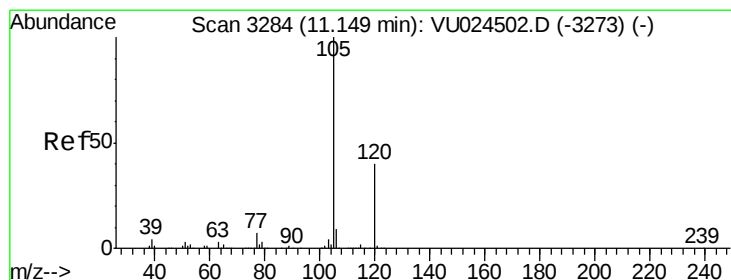
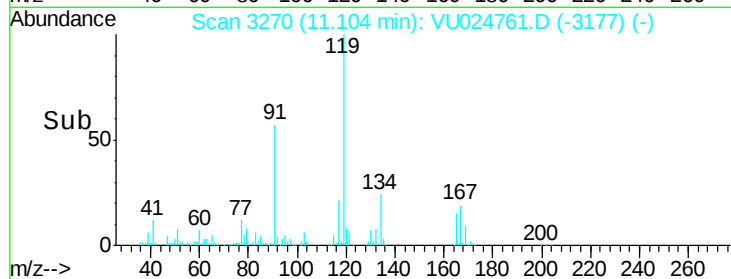
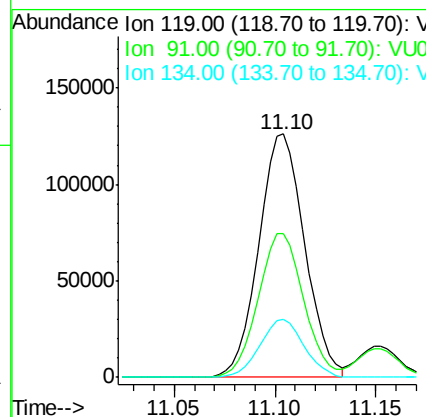
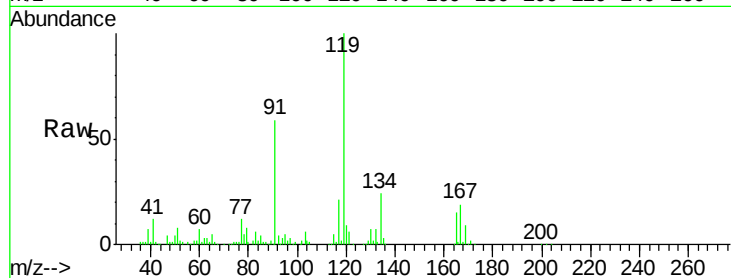
#83
tert-Butylbenzene
Concen: 21.71 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.7	89.1
134	23.0	11.6	34.7

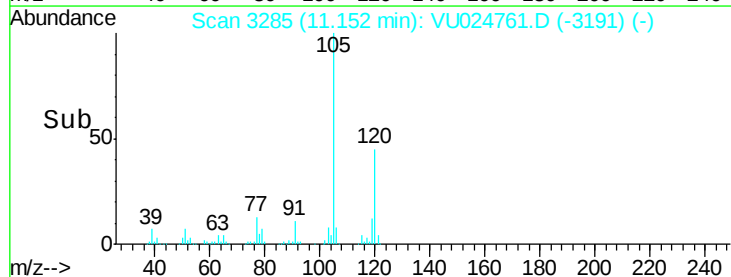
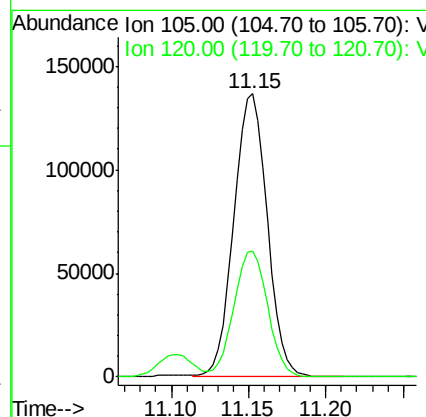
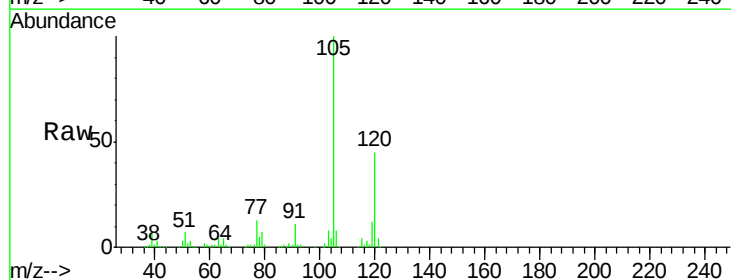
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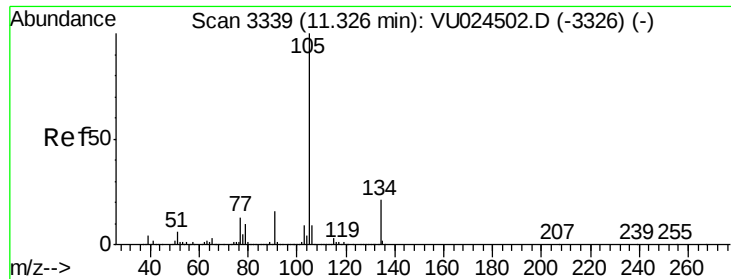
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#84
1,2,4-Trimethylbenzene
Concen: 20.87 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.63 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBSD01

Tot Ion:105 Resp: 238225

Ion Ratio Lower Upper

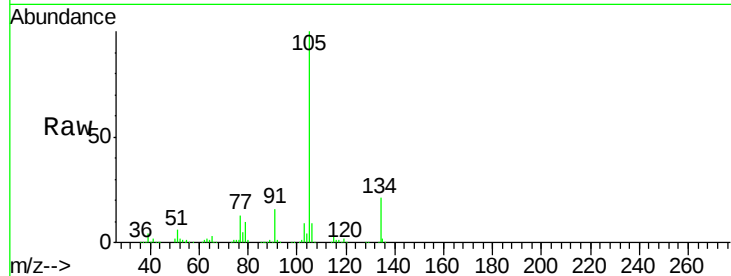
105 100

134 21.1 9.7 29.1

Manual Integrations
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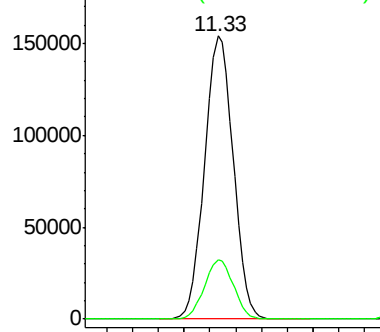
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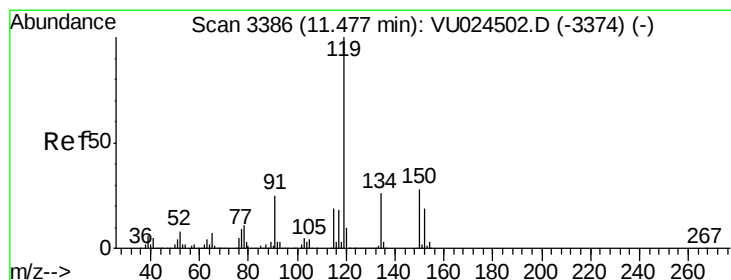
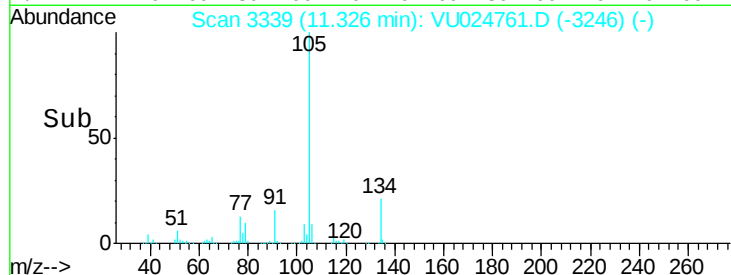


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.14 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

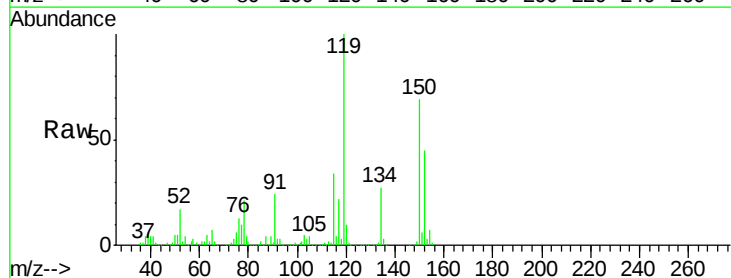
Tgt Ion:119 Resp: 208304

Ion Ratio Lower Upper

119 100

134 27.1 12.9 38.6

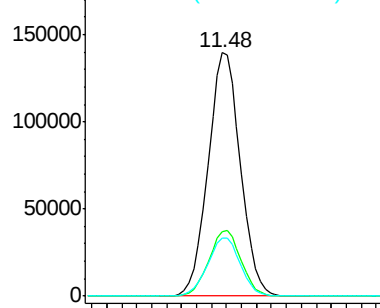
91 24.3 12.0 36.1



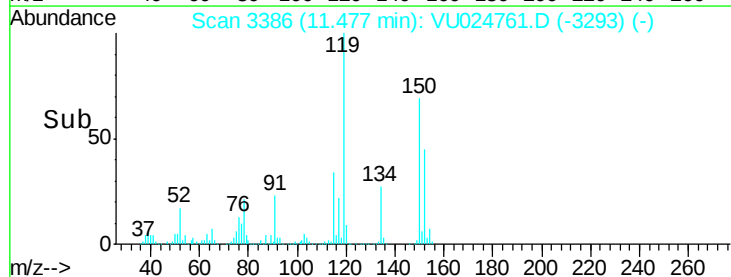
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





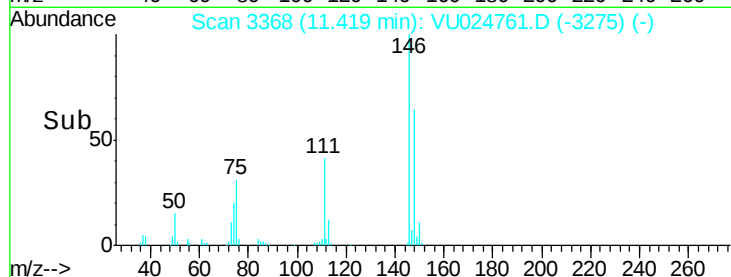
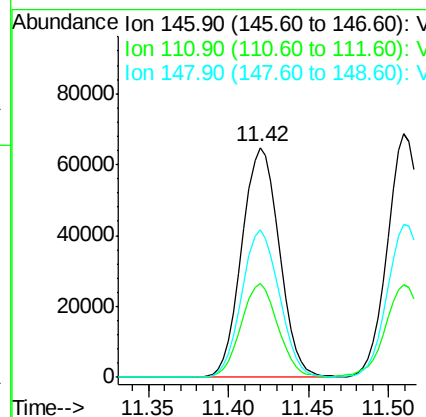
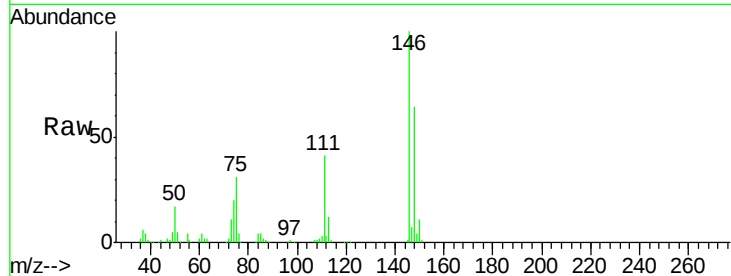
#87
 1,3-Dichlorobenzene
 Concen: 20.07 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.1	32.1	96.5

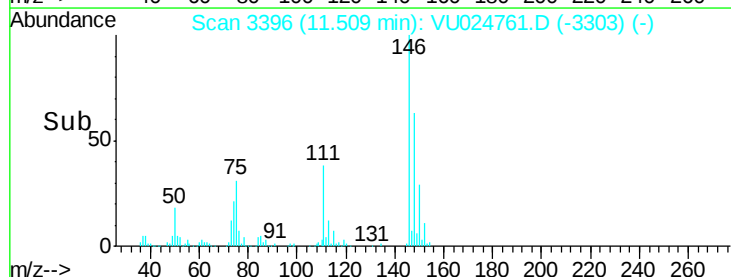
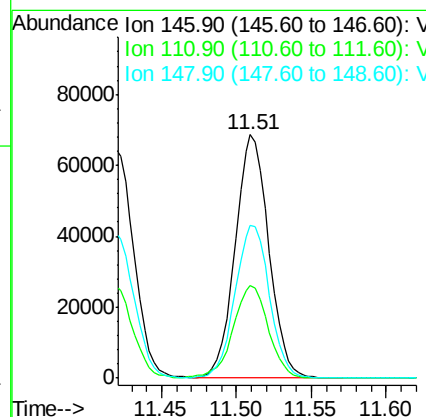
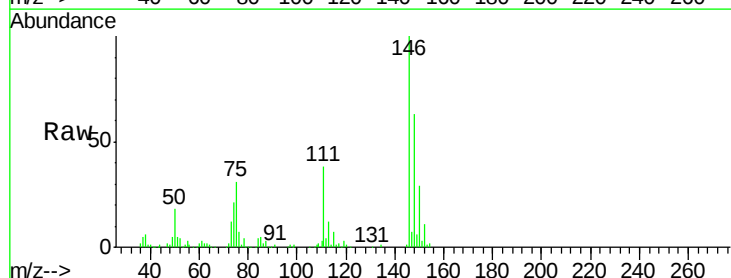
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#88
 1,4-Dichlorobenzene
 Concen: 20.58 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.5	58.5
148	64.6	32.4	97.0





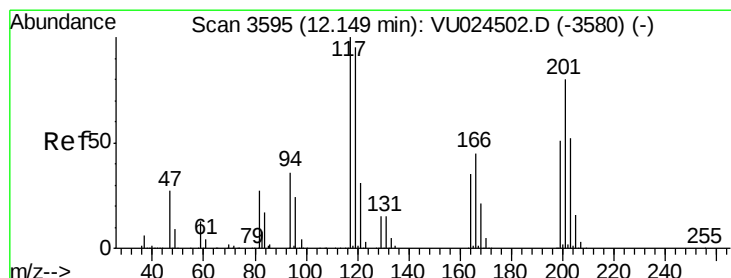
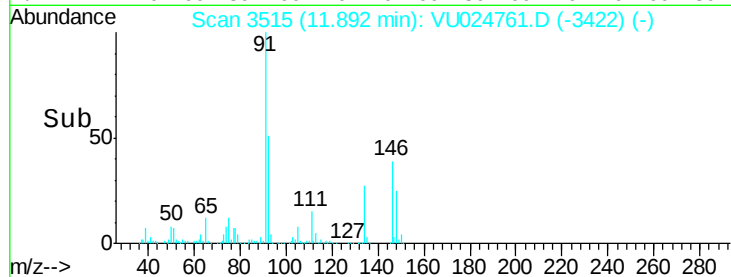
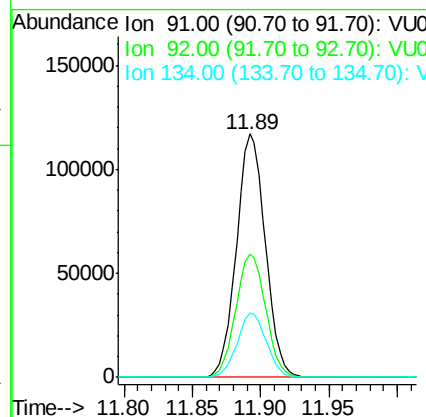
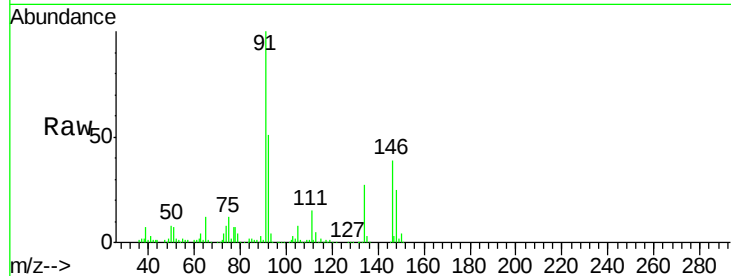
#89
n-Butylbenzene
Concen: 18.76 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.6	76.8
134	26.7	12.3	36.8

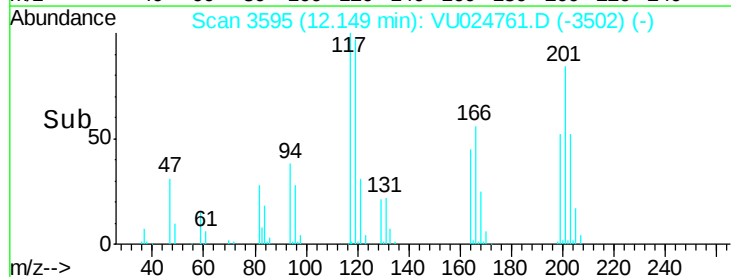
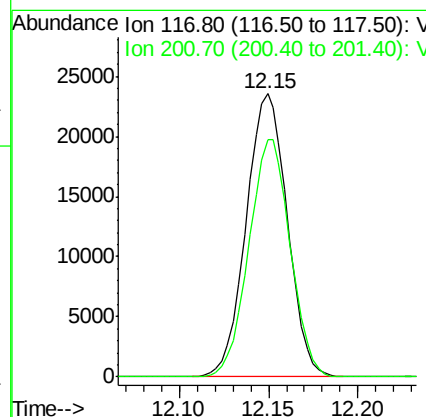
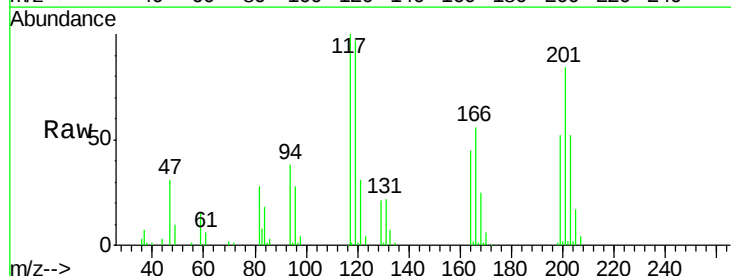
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#90
Hexachloroethane
Concen: 18.83 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024761.D
Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.0	41.1	123.3





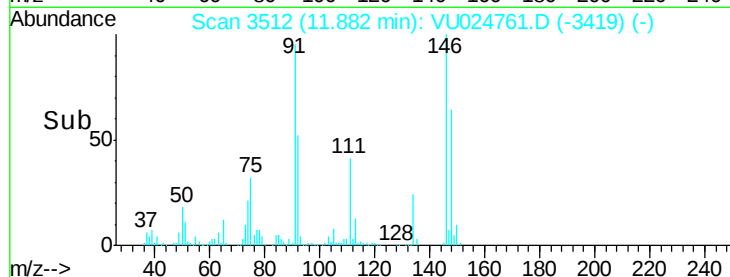
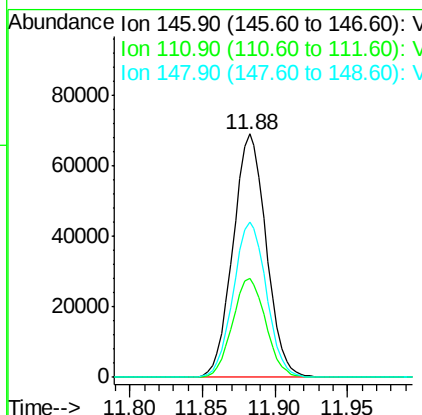
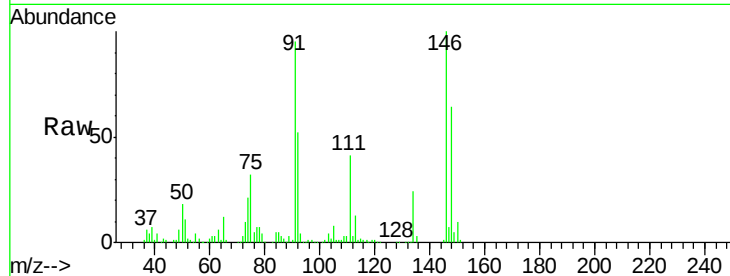
#91
 1,2-Dichlorobenzene
 Concen: 21.23 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.5	61.6
148	63.7	31.9	95.7

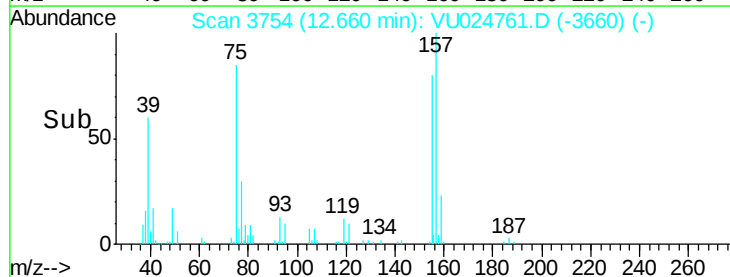
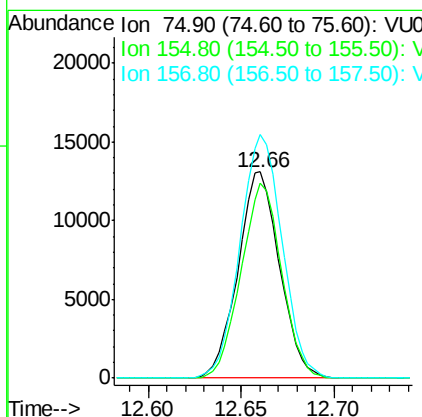
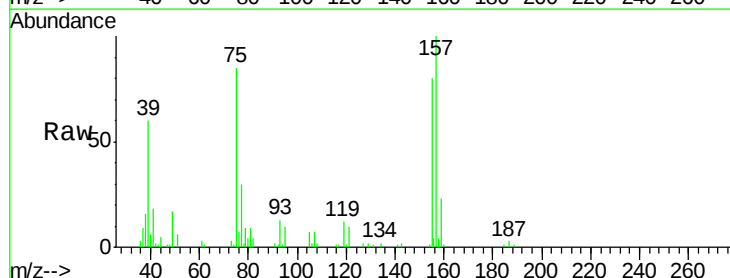
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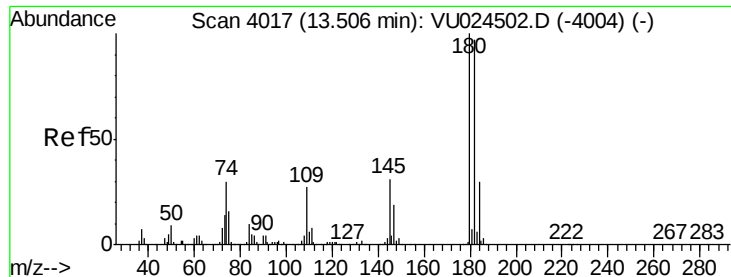
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.98 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	40.4	121.2
157	119.4	52.3	156.8





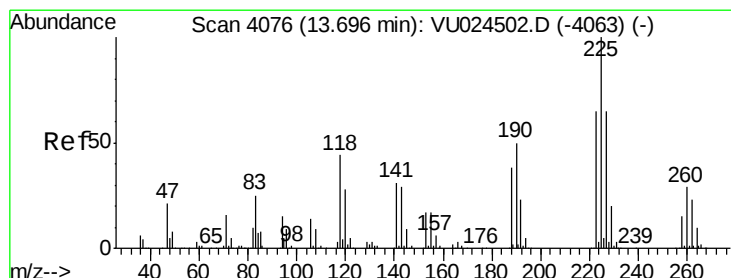
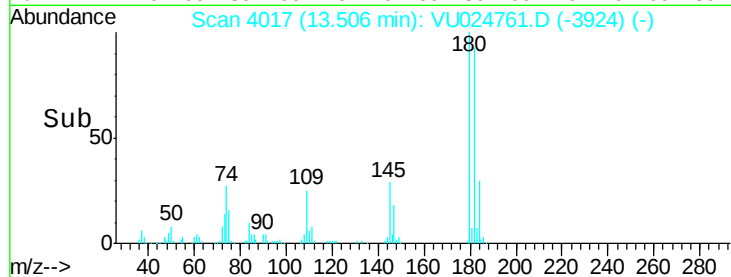
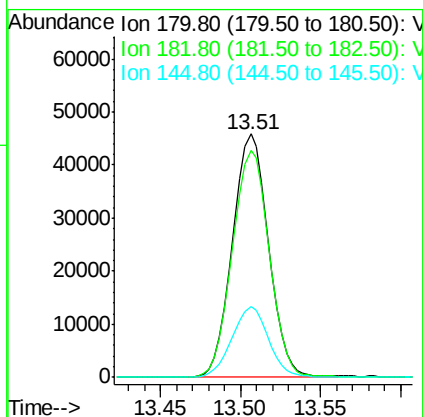
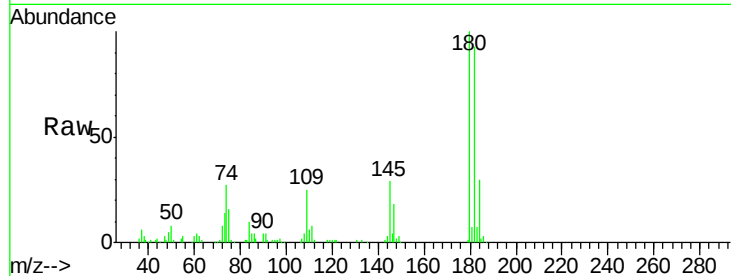
#93
 1,2,4-Trichlorobenzene
 Concen: 21.98 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.2
145	29.4	14.7	44.1

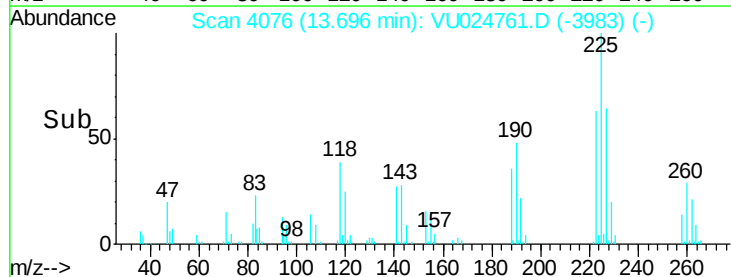
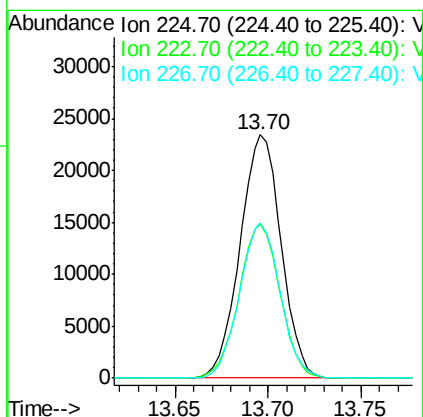
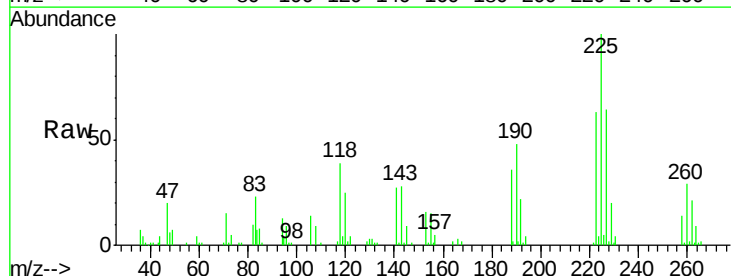
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#94
 Hexachlorobutadiene
 Concen: 20.00 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024761.D
 Acq: 20 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.3	93.8
227	62.9	31.8	95.4





#95

Naphthalene

Concen: 23.22 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Instrument :

MSVOA_U

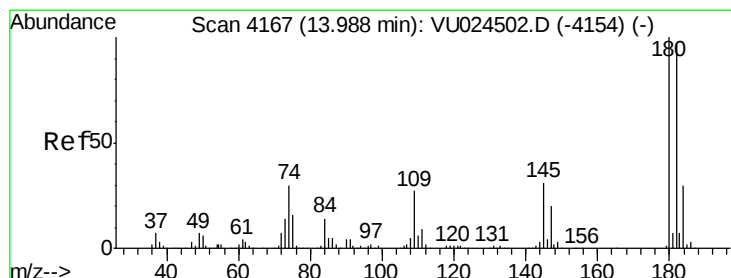
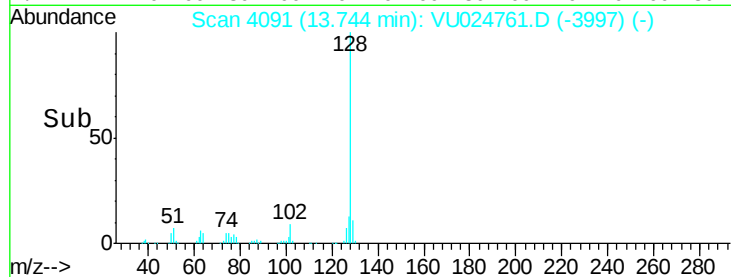
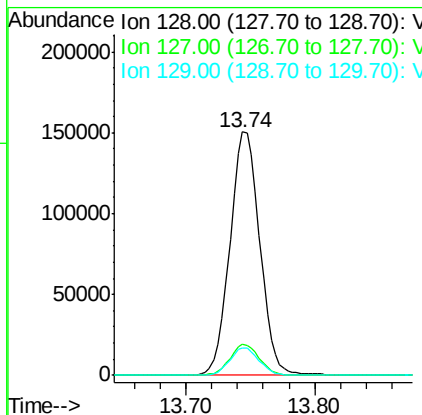
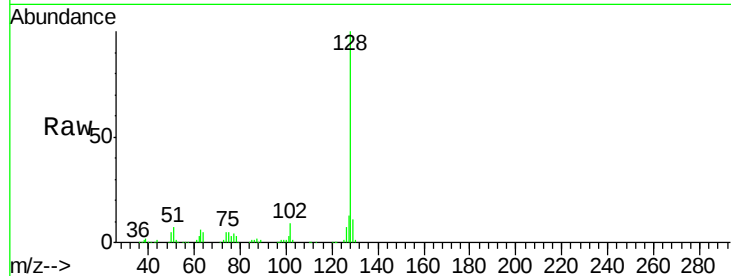
ClientSampleId :

VU0620WBSD01

Tot Ion:	128	Resp:	242123
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	11.0	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 23.10 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024761.D

Acq: 20 Jun 2018 16:36

Tgt Ion:	180	Resp:	73678
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.9	143.7
145	31.7	15.4	46.1

