

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024529.D
 Acq On : 14 Jun 2018 11:06
 Operator : MD/SY
 Sample : VU0614WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Manual Integrations
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 6/15/2018 3:16:05 PM

Quant Time: Jun 15 02:09:32 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	191677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303198	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	143437	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	4.89	113	123324	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	7.57	98	442141	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	10.31	95	171544	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	43830	18.269	ug/l	100
3) Chloromethane	1.33	50	49566	20.222	ug/l	98
4) Vinyl Chloride	1.40	62	49869	19.728	ug/l	95
5) Bromomethane	1.63	94	28192	23.071	ug/l	100
6) Chloroethane	1.70	64	30219	20.778	ug/l	99
7) Trichlorofluoromethane	1.89	101	75558	19.586	ug/l	96
8) Diethyl Ether	2.10	74	28990	20.990	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	44964	18.788	ug/l	97
10) Methyl Iodide	2.41	142	40262	23.064	ug/l	99
11) Tert butyl alcohol	2.83	59	70622	92.797	ug/l	99
12) 1,1-Dichloroethene	2.29	96	41712	19.112	ug/l	92
13) Acrolein	2.20	56	37195	93.071	ug/l	97
14) Allyl chloride	2.60	41	74189	18.308	ug/l	92
15) Acrylonitrile	2.94	53	155944	105.318	ug/l	97
16) Acetone	2.32	43	156853	93.293	ug/l	98
17) Carbon Disulfide	2.48	76	133520	19.106	ug/l	98
18) Methyl Acetate	2.62	43	71678	19.886	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	160045	19.508	ug/l	97
20) Methylene Chloride	2.70	84	49826	18.887	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	47105	19.596	ug/l	91
22) Diisopropyl ether	3.57	45	158765	19.764	ug/l	89
23) Vinyl Acetate	3.53	43	729987	101.442	ug/l	98
24) 1,1-Dichloroethane	3.45	63	89678	19.406	ug/l	99
25) 2-Butanone	4.26	43	230458	102.046	ug/l	96
26) 2,2-Dichloropropane	4.23	77	81174	18.499	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	55396	20.045	ug/l	96
28) Bromochloromethane	4.55	49	47433	23.303	ug/l	90
29) Tetrahydrofuran	4.64	42	142443	101.852	ug/l	97
30) Chloroform	4.68	83	89731	19.184	ug/l	99
31) Cyclohexane	5.00	56	83730	19.186	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	81690	18.886	ug/l	96
36) 1,1-Dichloropropene	5.14	75	65738	18.451	ug/l	94
37) Ethyl Acetate	4.38	43	82925	21.355	ug/l	97
38) Carbon Tetrachloride	5.14	117	74682	19.062	ug/l	97

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Quant Time: Jun 15 02:09:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	6.42	83	84553	19.017	ug/l	95
40) Benzene	5.39	78	196381	19.344	ug/l	100
41) Methacrylonitrile	4.55	41	43379	20.719	ug/l	98
42) 1,2-Dichloroethane	5.41	62	73175	18.925	ug/l	96
43) Isopropyl Acetate	5.55	43	131285	19.559	ug/l	97
44) Trichloroethene	6.19	130	54272	18.784	ug/l	98
45) 1,2-Dichloropropane	6.44	63	54090	19.968	ug/l	99
46) Dibromomethane	6.56	93	37668	19.797	ug/l	94
47) Bromodichloromethane	6.76	83	73193	19.318	ug/l #	99
48) Methyl methacrylate	6.63	41	65075	19.910	ug/l	99
49) 1,4-Dioxane	6.62	88	24095	376.959	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	433882	102.889	ug/l	98
52) Toluene	7.64	92	124570	19.072	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	82499	19.389	ug/l	98
54) cis-1,3-Dichloropropene	7.28	75	86943	19.177	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	51274	19.312	ug/l	99
56) Ethyl methacrylate	8.02	69	89078	20.046	ug/l	98
57) 1,3-Dichloropropane	8.25	76	88394	19.736	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	174752	102.649	ug/l	95
59) 2-Hexanone	8.36	43	344774	100.144	ug/l	98
60) Dibromochloromethane	8.48	129	62640	18.920	ug/l	99
61) 1,2-Dibromoethane	8.59	107	57586	19.487	ug/l	97
64) Tetrachloroethene	8.23	164	47472	17.360	ug/l	96
65) Chlorobenzene	9.12	112	143107	19.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	55521	19.884	ug/l	98
67) Ethyl Benzene	9.25	91	252364	19.587	ug/l	98
68) m/p-Xylenes	9.38	106	191439	38.694	ug/l	98
69) o-Xylene	9.78	106	94609	19.322	ug/l	96
70) Styrene	9.80	104	157663	19.594	ug/l	99
71) Bromoform	9.96	173	52639	19.834	ug/l #	97
73) Isopropylbenzene	10.17	105	249409	19.380	ug/l	97
74) N-amyl acetate	10.01	43	123512	20.178	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	89004	20.638	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	74028m	20.060	ug/l	
77) Bromobenzene	10.45	156	65517	20.109	ug/l	95
78) n-propylbenzene	10.59	91	299061	19.727	ug/l	98
79) 2-Chlorotoluene	10.66	91	174866	19.560	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	215355	19.307	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	32358m	20.293	ug/l	
82) 4-Chlorotoluene	10.78	91	203908	19.597	ug/l	98
83) tert-Butylbenzene	11.10	119	216008	20.132	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	221699	19.503	ug/l	99
85) sec-Butylbenzene	11.33	105	262493	19.544	ug/l	98
86) p-Isopropyltoluene	11.48	119	231154	19.217	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	117549	19.529	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	117714	19.430	ug/l	98
89) n-Butylbenzene	11.89	91	210373	19.699	ug/l	97
90) Hexachloroethane	12.15	117	44386	18.916	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	117649	19.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23529	19.773	ug/l	92

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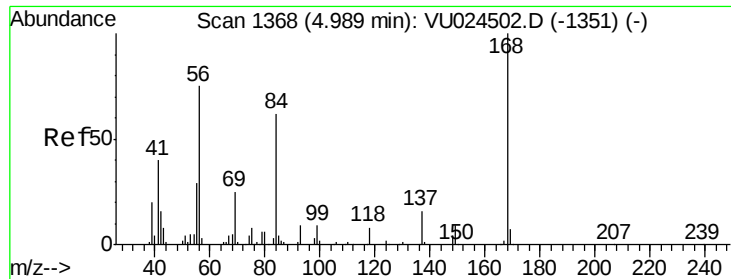
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	79528	21.361	ug/l	99
94) Hexachlorobutadiene	13.70	225	42661	20.358	ug/l	99
95) Naphthalene	13.75	128	245875	20.357	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	80172	21.611	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBSD01

Tot Ion:168 Resp: 191677

Ion Ratio Lower Upper

168 100

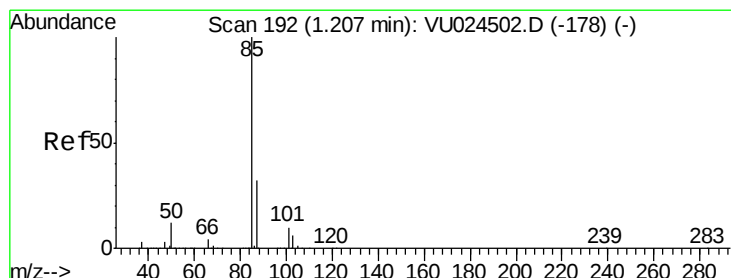
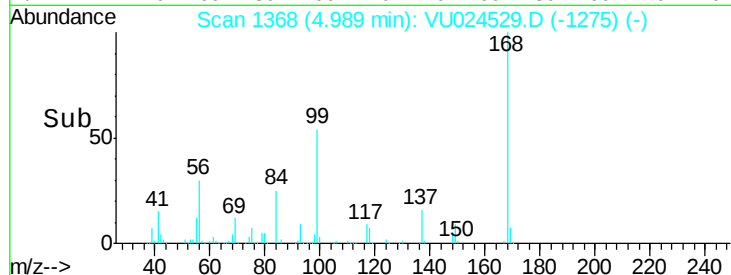
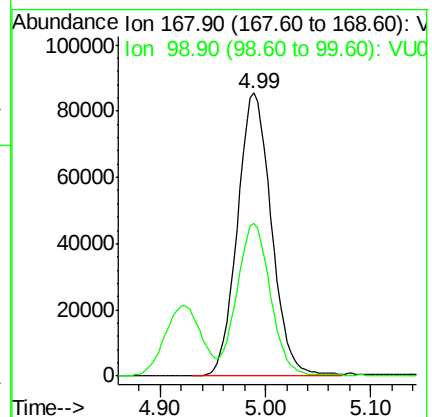
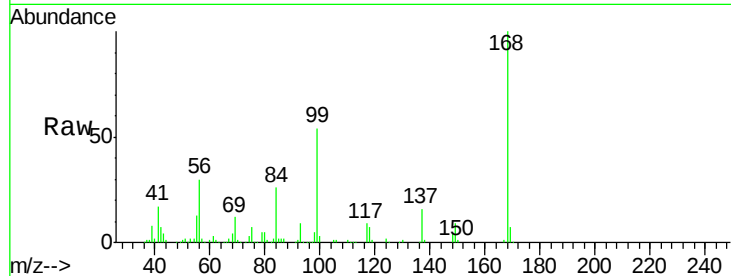
99 53.5 43.2 64.8

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#2

Dichlorodifluoromethane

Concen: 18.269 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024529.D

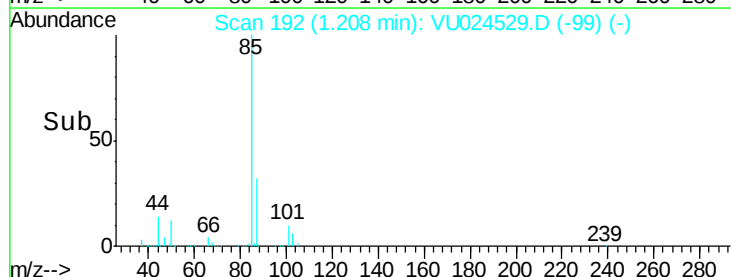
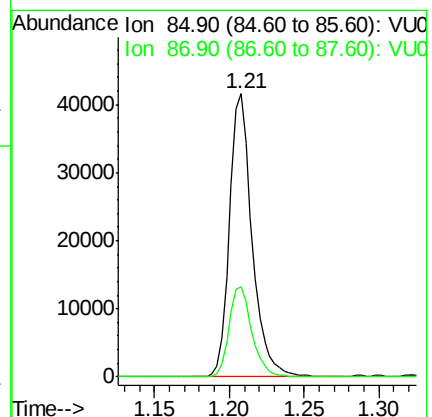
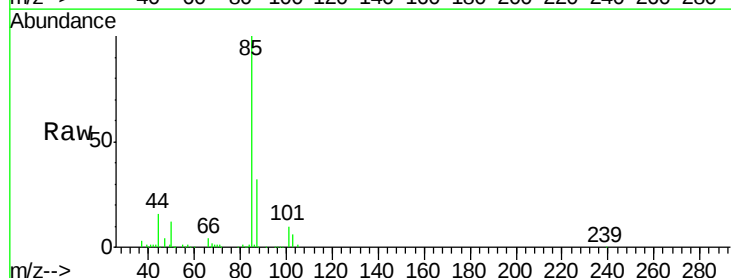
Acq: 14 Jun 2018 11:06

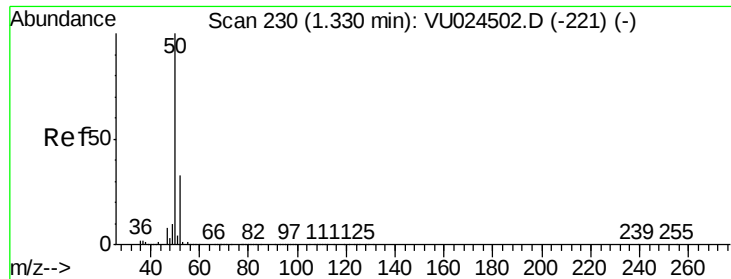
Tgt Ion: 85 Resp: 43830

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2





#3

Chloromethane

Concen: 20.222 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBSD01

Tot Ion: 50 Resp: 49566

Ion Ratio Lower Upper

50 100

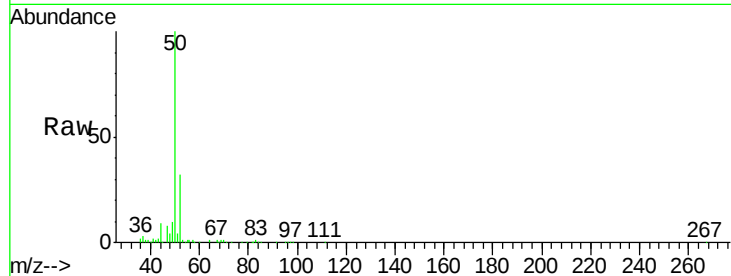
52 32.0 26.4 39.6

Manual Integrations

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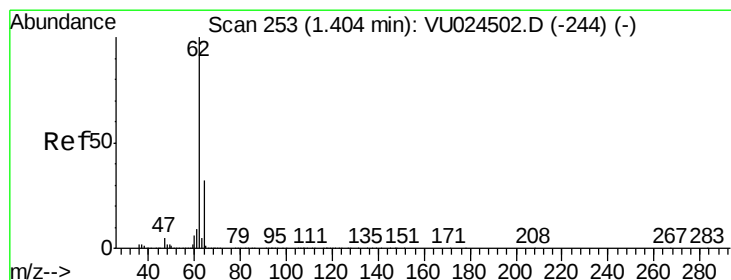
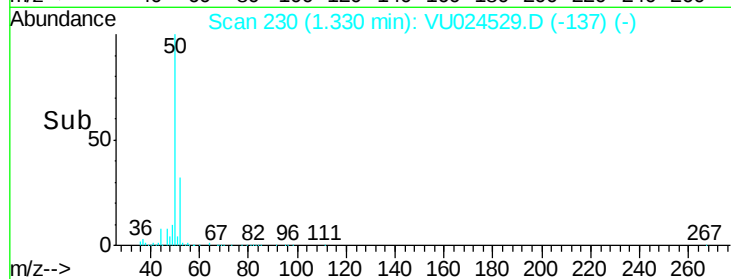
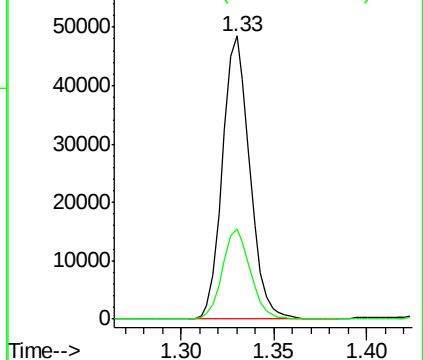
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 19.728 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024529.D

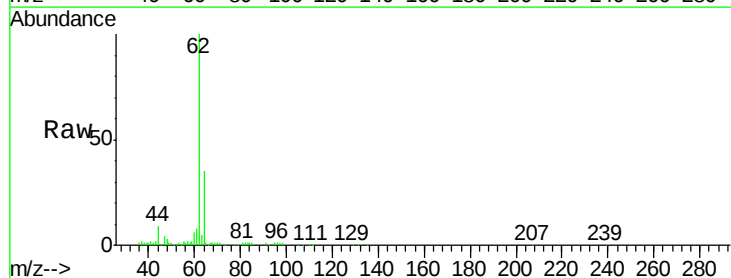
Acq: 14 Jun 2018 11:06

Tgt Ion: 62 Resp: 49869

Ion Ratio Lower Upper

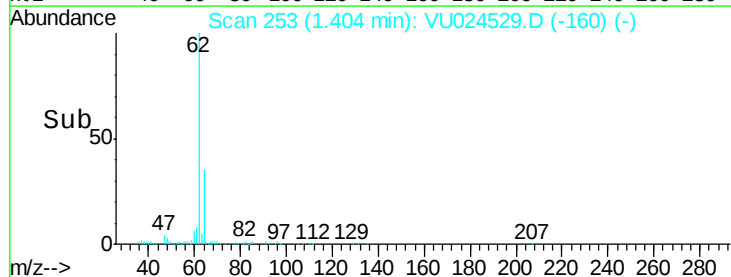
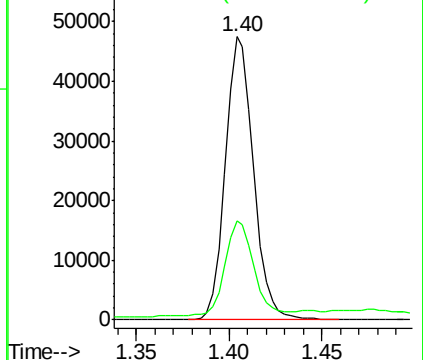
62 100

64 33.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 23.071 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBSD01

Tot Ion: 94 Resp: 28192

Ion Ratio Lower Upper

94 100

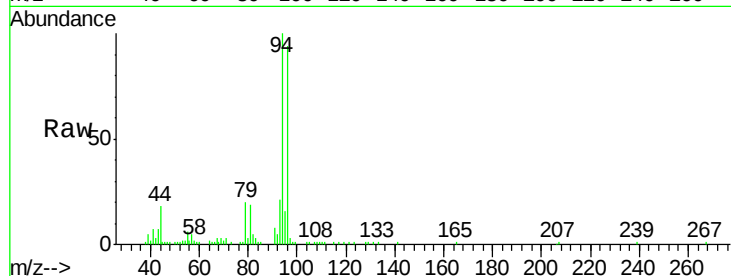
96 92.9 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

25000

20000

15000

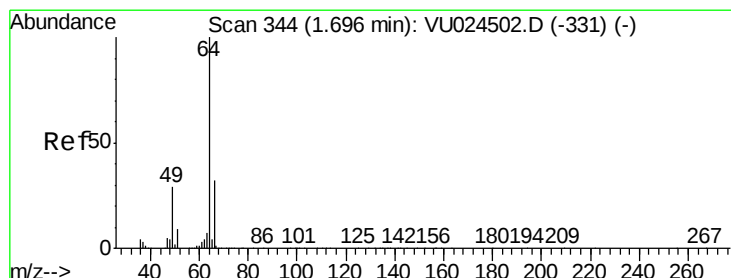
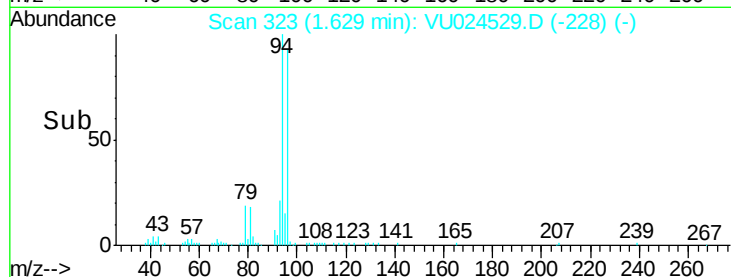
10000

5000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 20.778 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024529.D

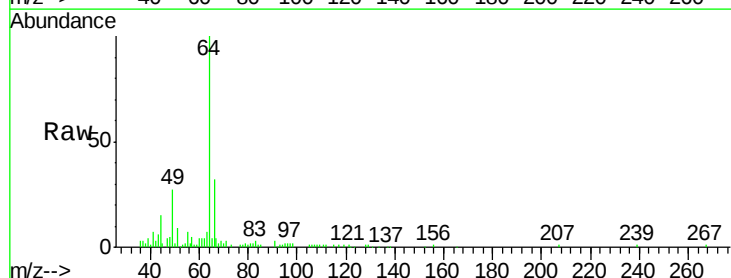
Acq: 14 Jun 2018 11:06

Tgt Ion: 64 Resp: 30219

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

25000

20000

15000

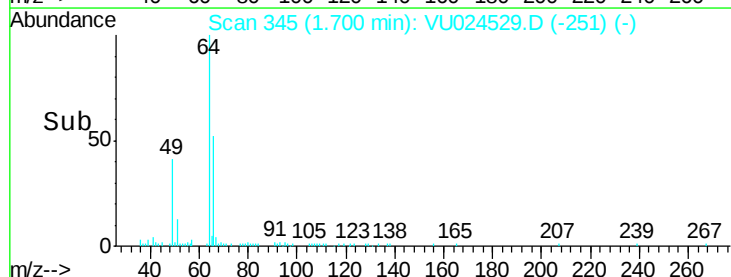
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5000

0

1.65 1.70 1.75

Time-->





#7

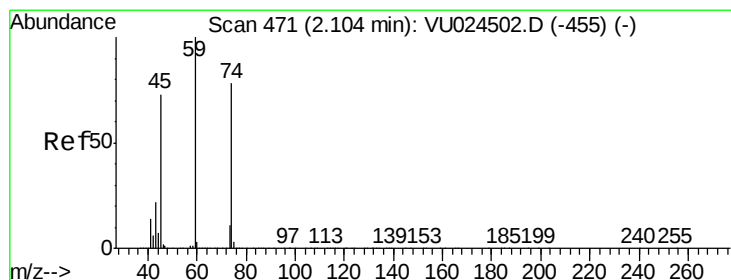
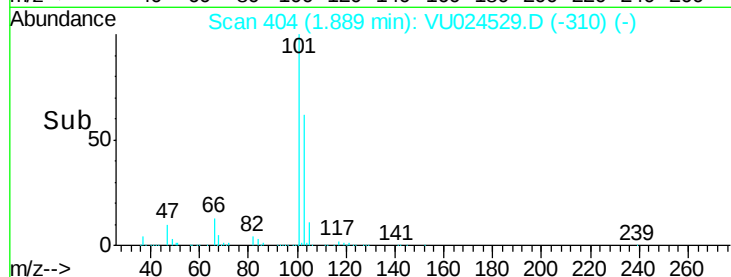
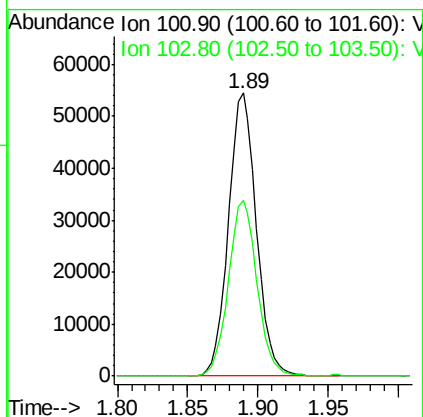
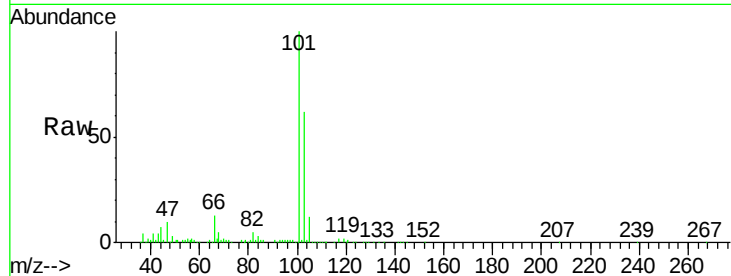
Trichlorofluoromethane
Concen: 19.586 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

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ClientSampleId :
VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	52.3	78.5

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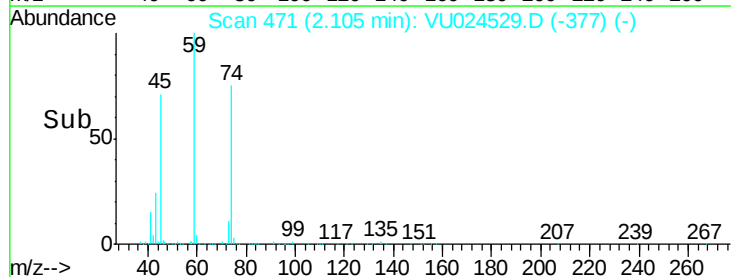
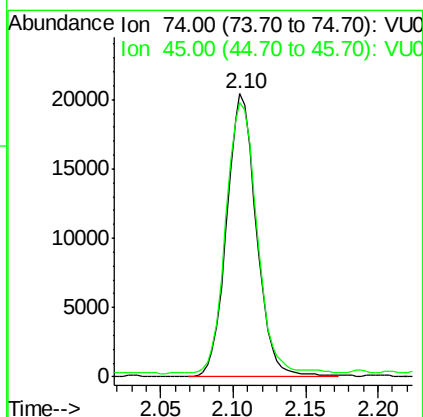
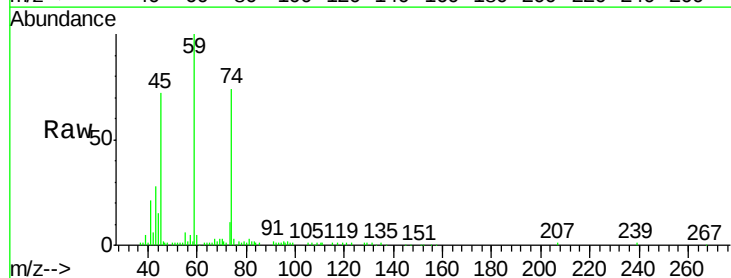
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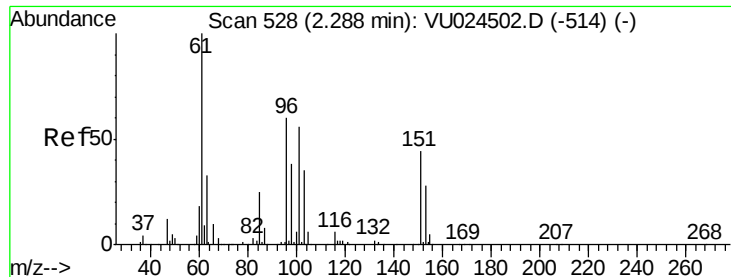


#8

Diethyl Ether
Concen: 20.990 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.788 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

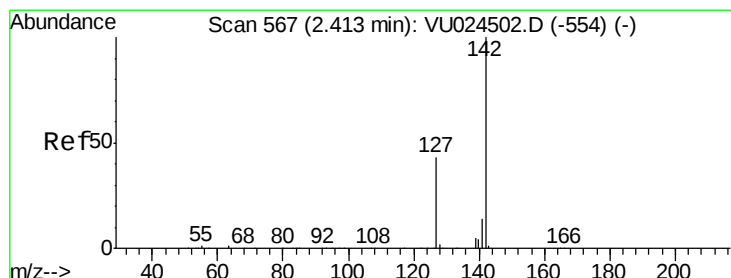
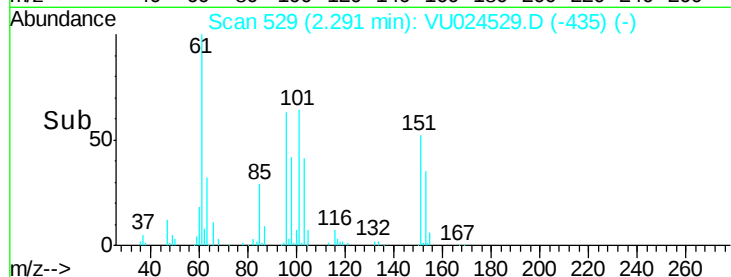
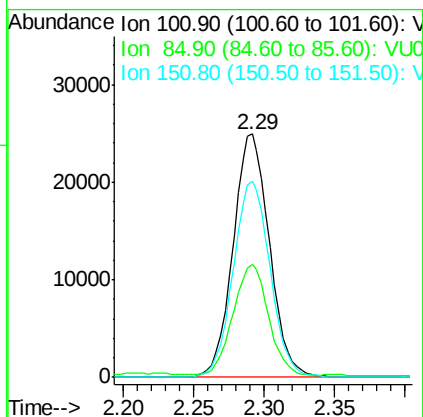
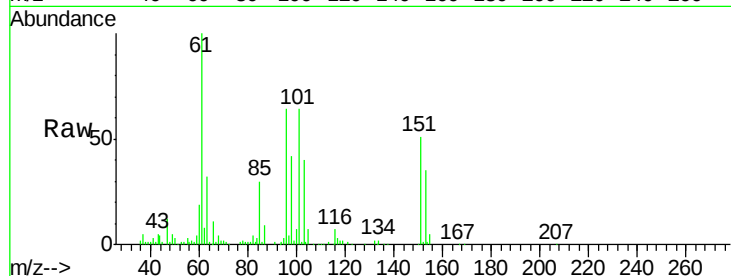
ClientSampleId :

VU0614WBSD01

Tot Ion:	101	Resp:	44964
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	82.0	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 23.064 ug/l

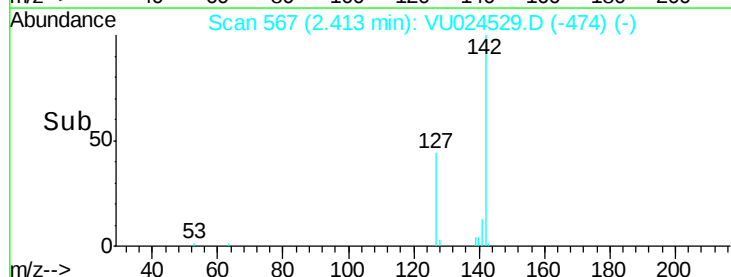
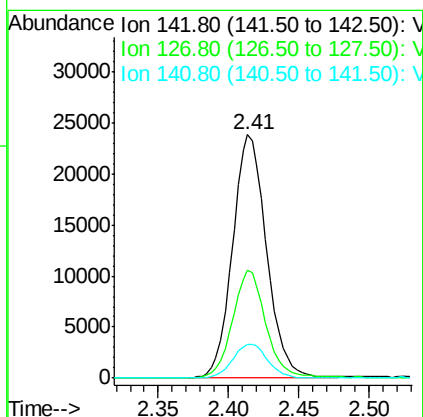
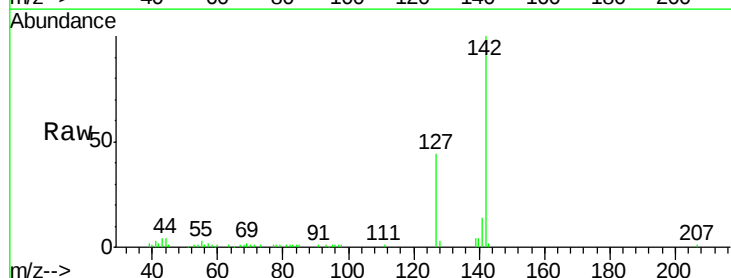
RT: 2.41 min Scan# 567

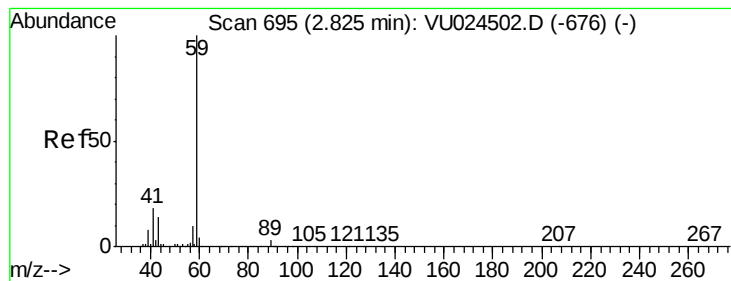
Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion:	142	Resp:	40262
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.6	53.4
141	14.3	11.7	17.5





#11

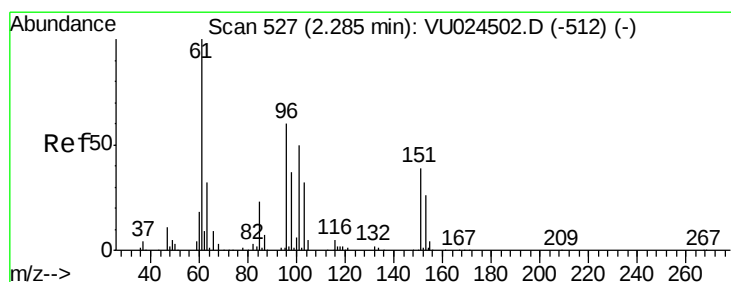
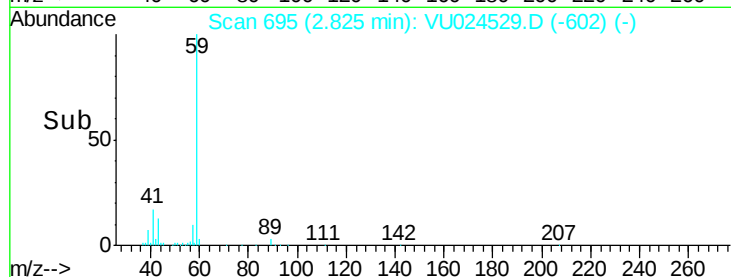
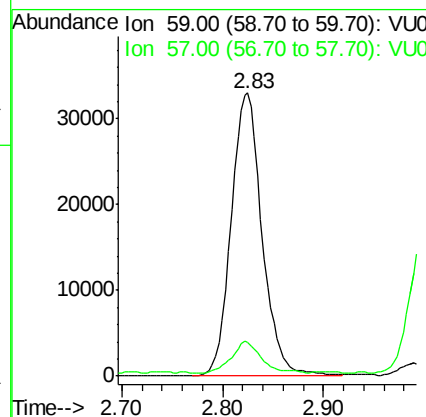
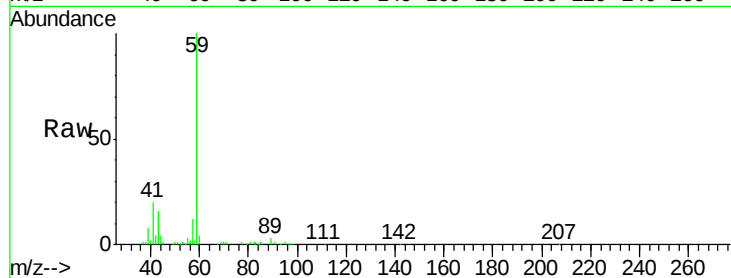
Tert butyl alcohol
 Concen: 92.797 ug/l
 RT: 2.83 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Tot Ion	59	Resp	70622
Ion Ratio	100	Lower	Upper
57	10.4	8.5	12.7

Manual Integrations
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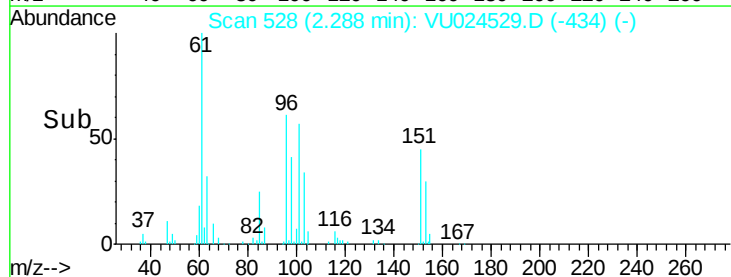
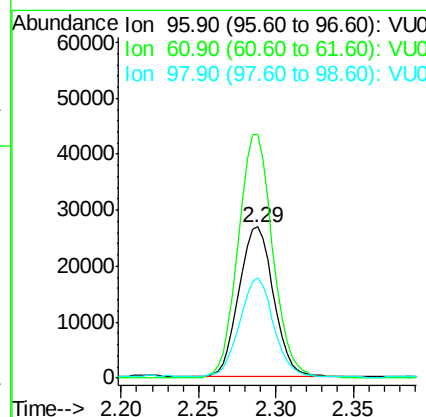
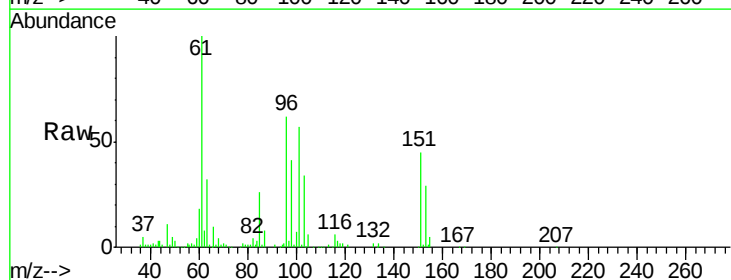
apatel
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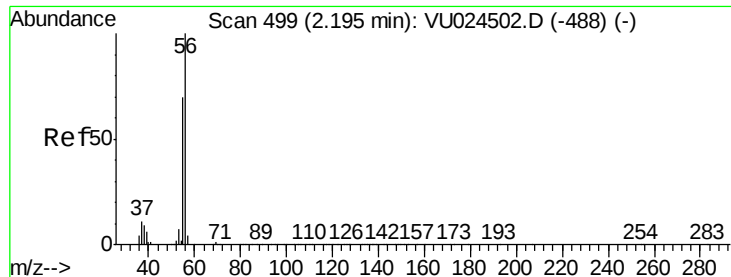


#12

1,1-Dichloroethene
 Concen: 19.112 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Tgt Ion	96	Resp	41712
Ion Ratio	100	Lower	Upper
61	162.2	141.7	212.5
98	65.8	51.6	77.4





#13

Acrolein

Concen: 93.071 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBSD01

Tot Ion: 56 Resp: 37195

Ion Ratio Lower Upper

56 100

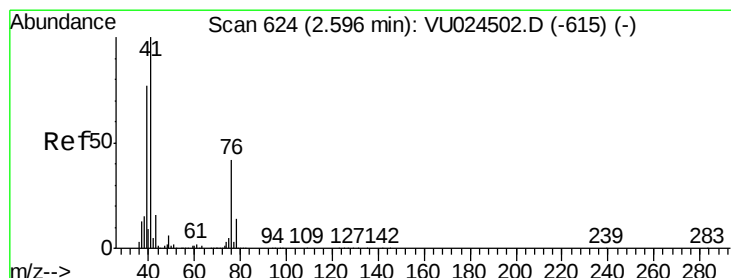
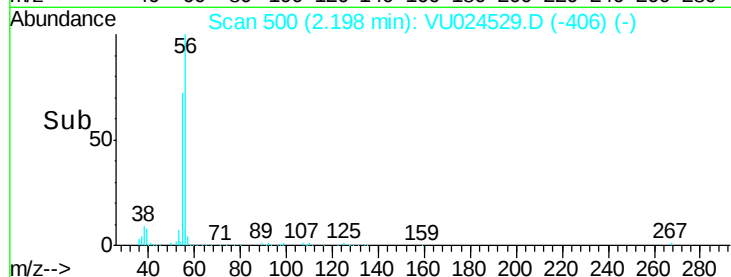
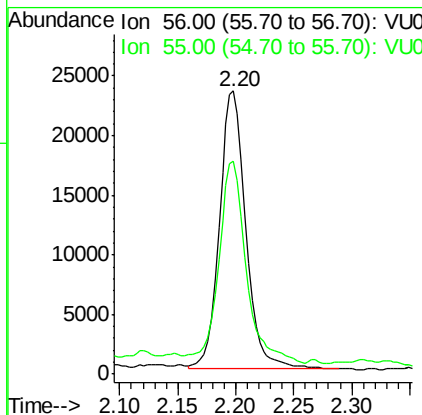
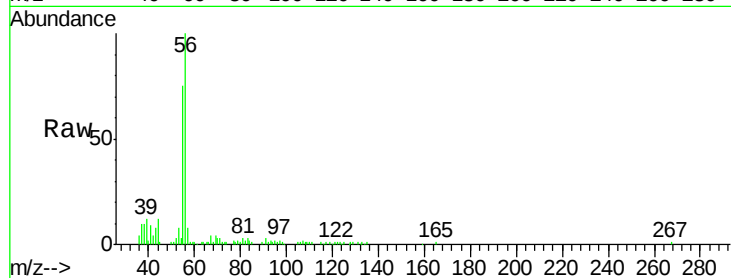
55 75.2 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.308 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

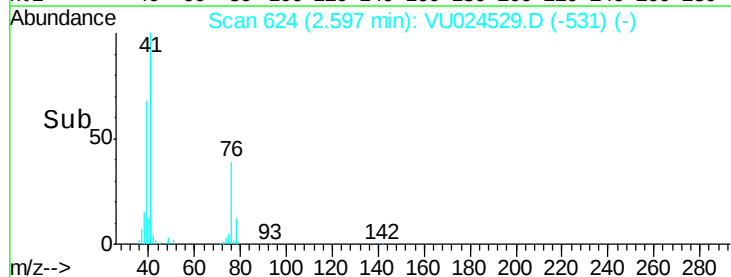
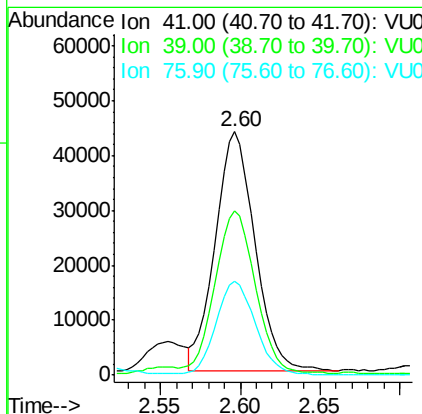
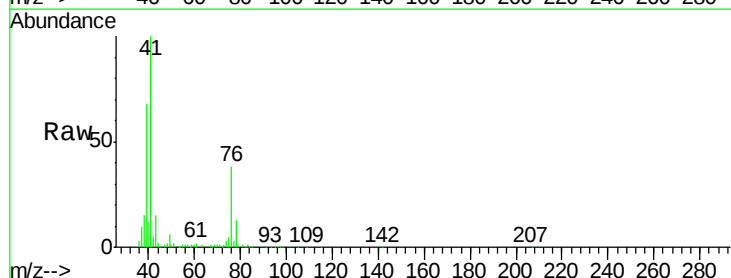
Tgt Ion: 41 Resp: 74189

Ion Ratio Lower Upper

41 100

39 68.6 61.6 92.4

76 39.0 29.7 44.5





#15

Acrylonitrile

Concen: 105.318 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

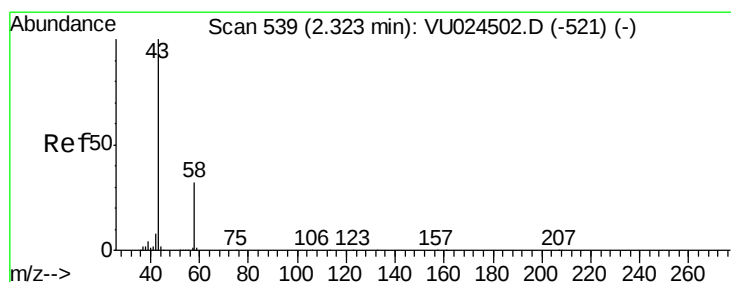
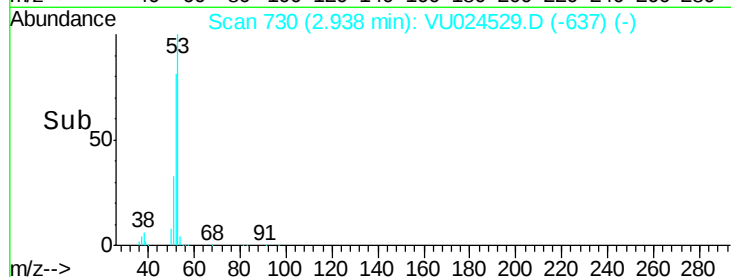
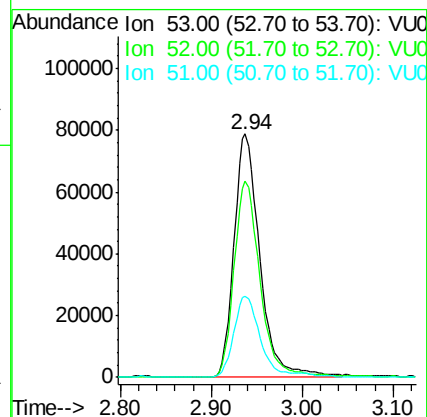
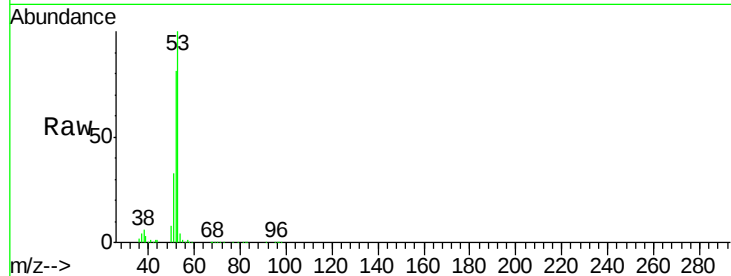
ClientSampleId :

VU0614WBSD01

Tot Ion:	53	Resp:	155944
Ion	Ratio	Lower	Upper
53	100		
52	81.5	67.1	100.7
51	33.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 93.293 ug/l

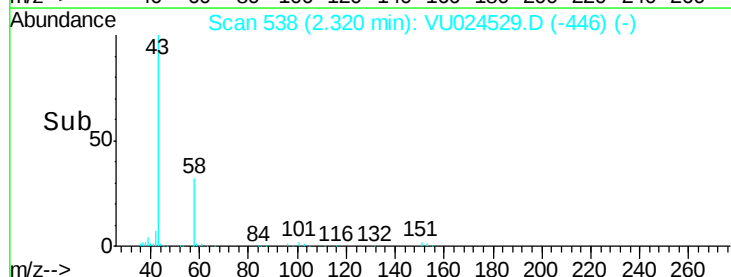
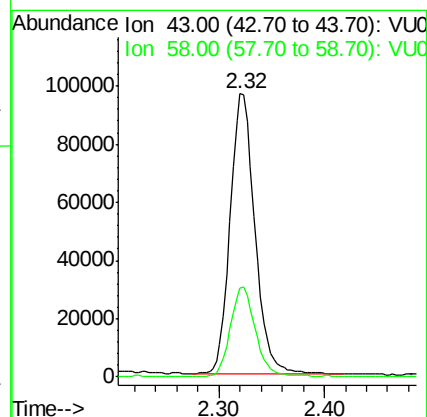
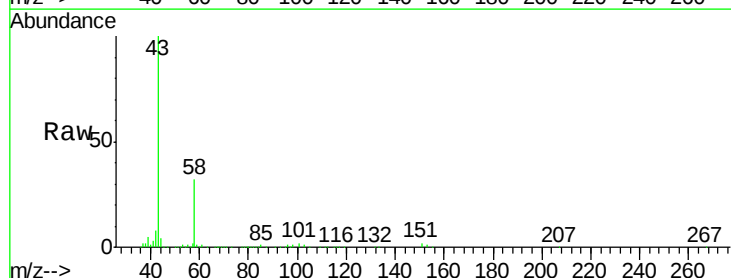
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion:	43	Resp:	156853
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.4	36.6





#17

Carbon Disulfide

Concen: 19.106 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBSD01

Tot Ion: 76 Resp: 133520

Ion Ratio Lower Upper

76 100

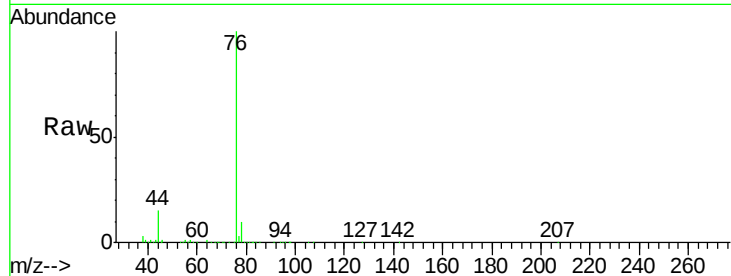
78 9.6 7.1 10.7

Manual Integrations

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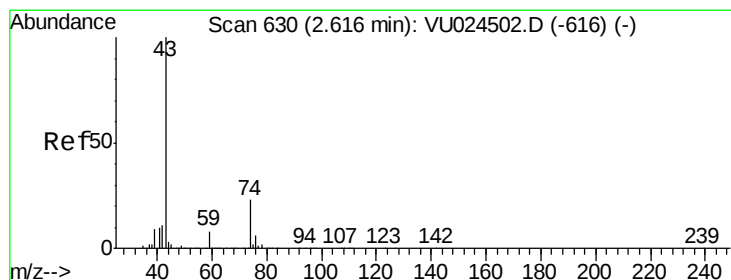
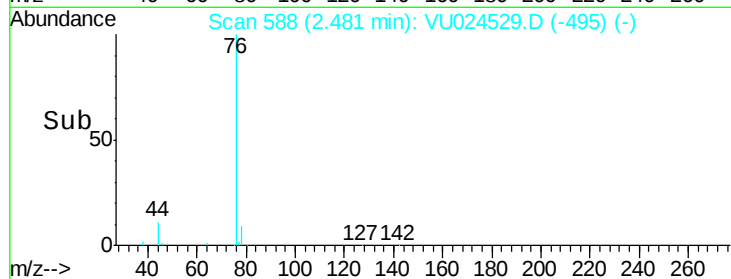
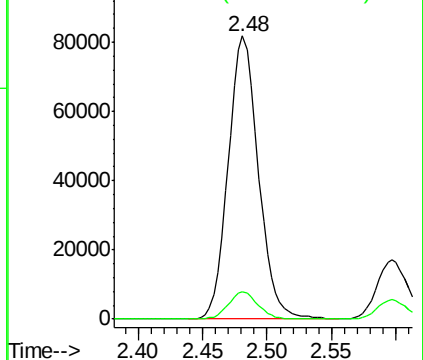
apatel

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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: 19.886 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024529.D

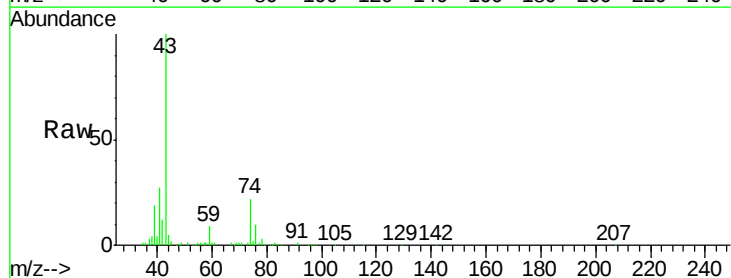
Acq: 14 Jun 2018 11:06

Tgt Ion: 43 Resp: 71678

Ion Ratio Lower Upper

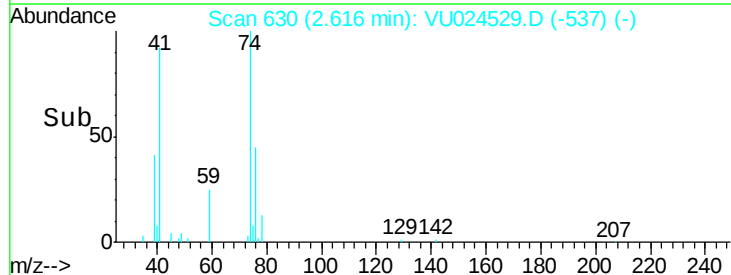
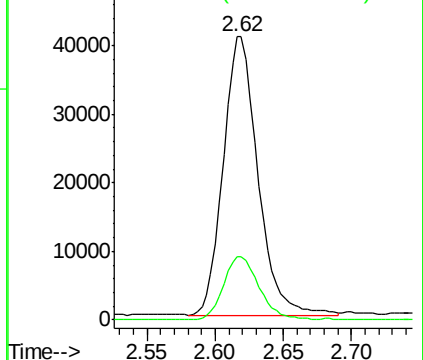
43 100

74 23.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#19

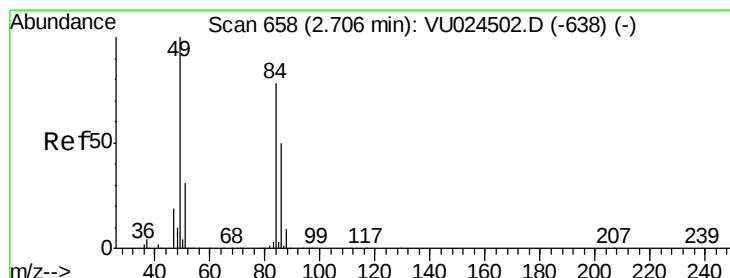
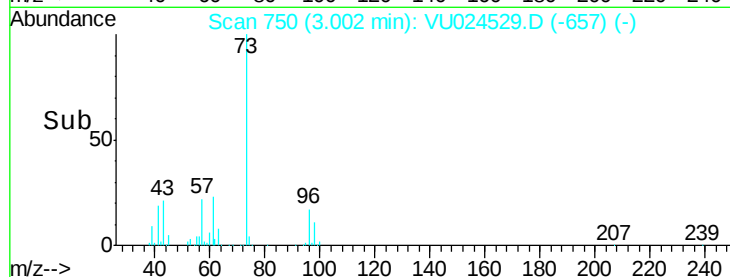
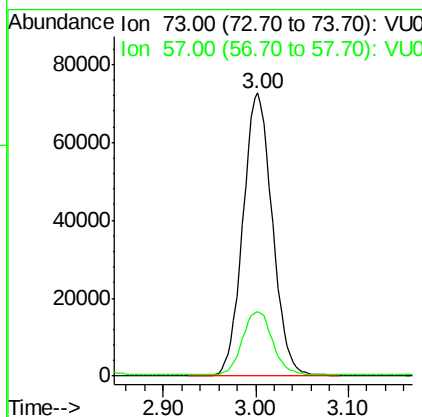
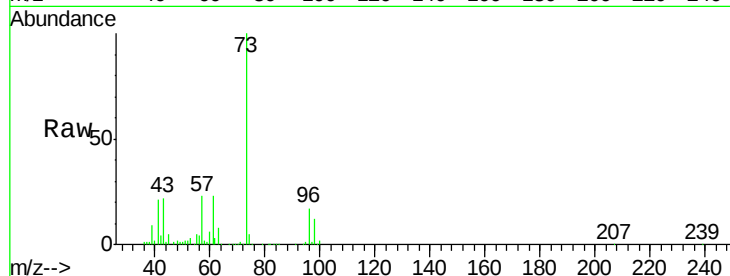
Methyl tert-butyl Ether
 Concen: 19.508 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.8	28.2

Manual Integrations
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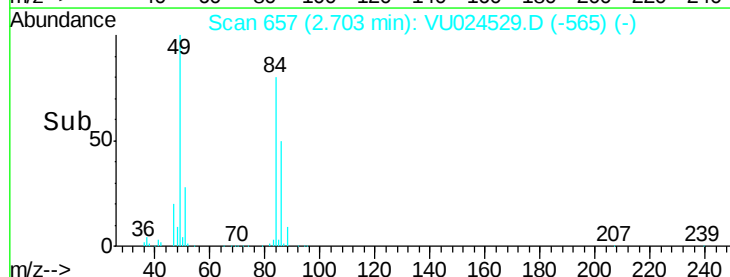
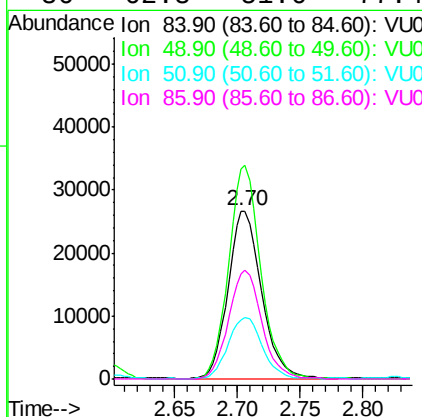
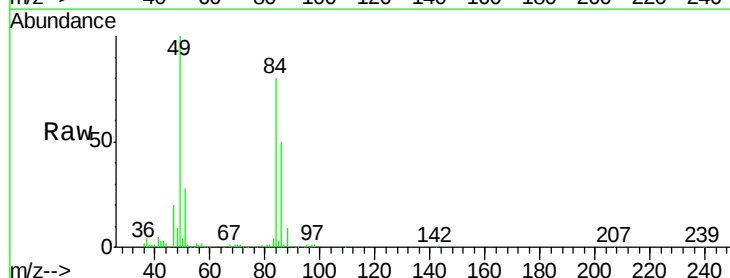
apatel
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#20

Methylene Chloride
 Concen: 18.887 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	103.8	155.8
51	35.2	32.0	48.0
86	62.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.596 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

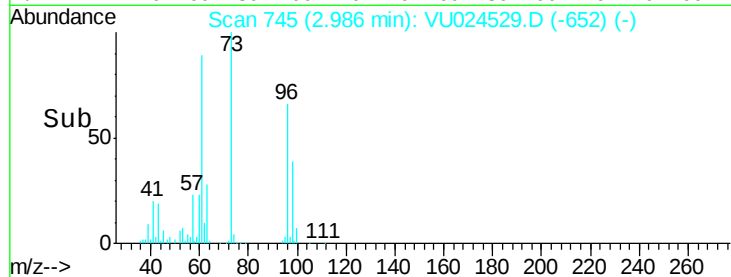
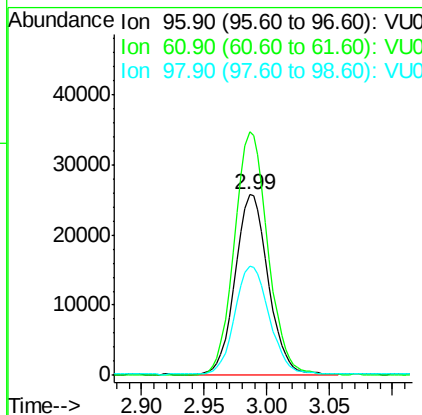
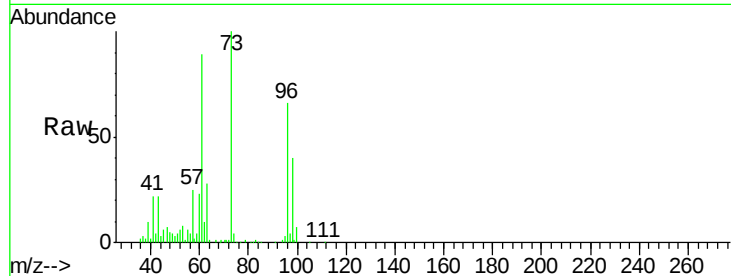
ClientSampleId :

VU0614WBSD01

Tot Ion:	96	Resp:	47105
Ion	Ratio	Lower	Upper
96	100		
61	135.4	119.4	179.0
98	59.7	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.764 ug/l

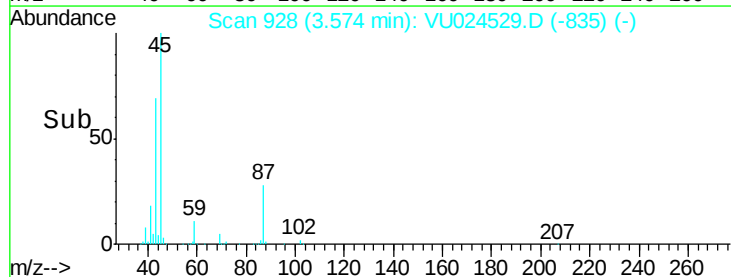
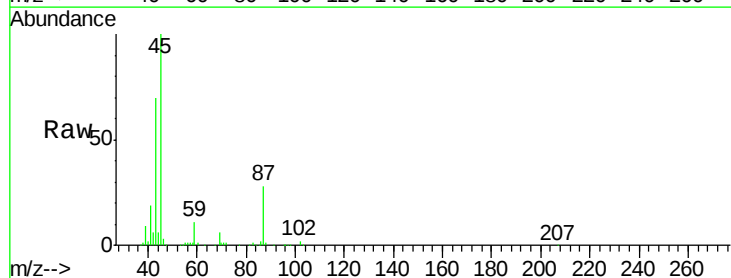
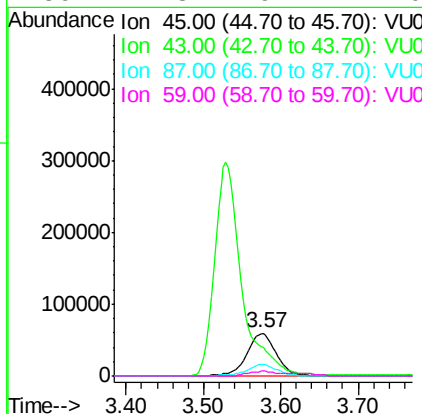
RT: 3.57 min Scan# 928

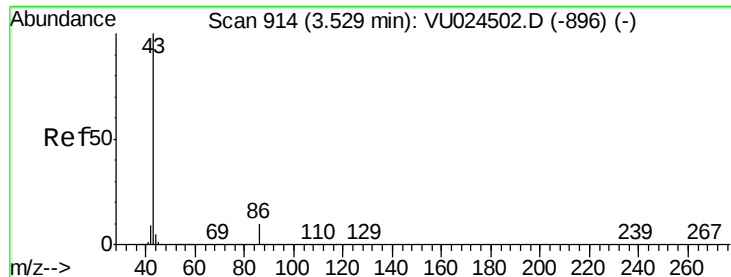
Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion:	45	Resp:	158765
Ion	Ratio	Lower	Upper
45	100		
43	68.5	45.8	68.6
87	28.1	20.6	31.0
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 101.442 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU024529.D

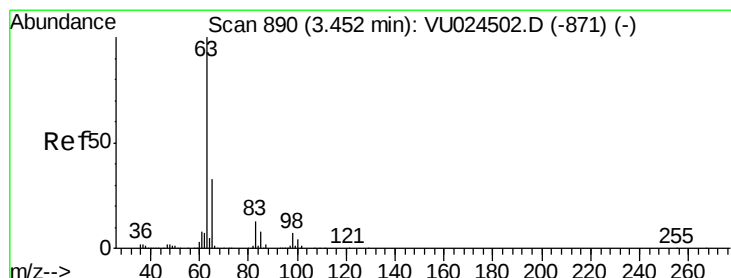
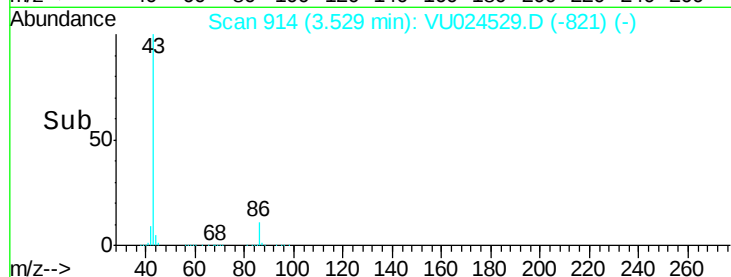
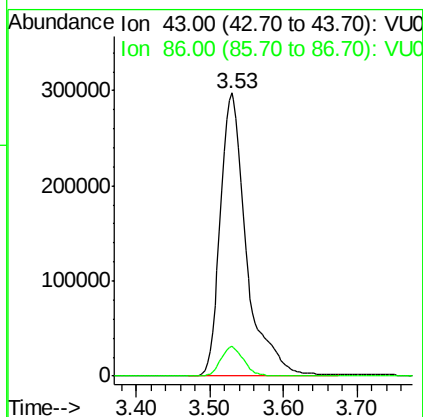
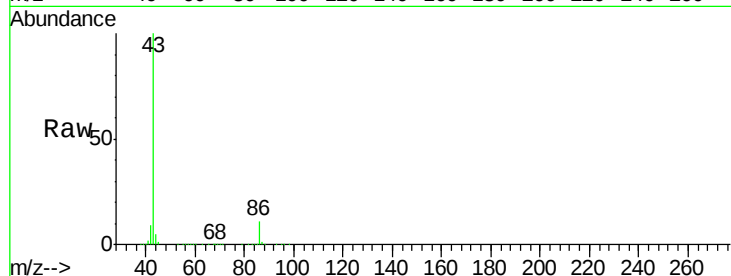
Acq: 14 Jun 2018 11:06

Tot Ion	43	Resp	729987
Ion Ratio	100	Lower	Upper
43	100		
86	10.5	7.8	11.8

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

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#24

1,1-Dichloroethane

Concen: 19.406 ug/l

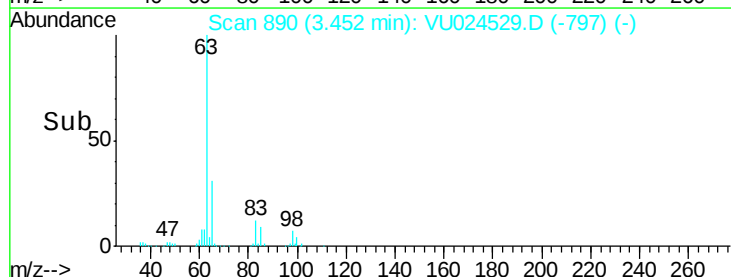
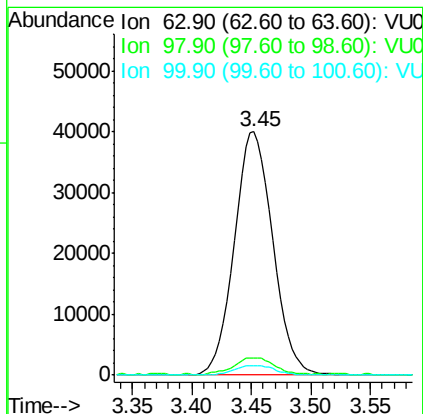
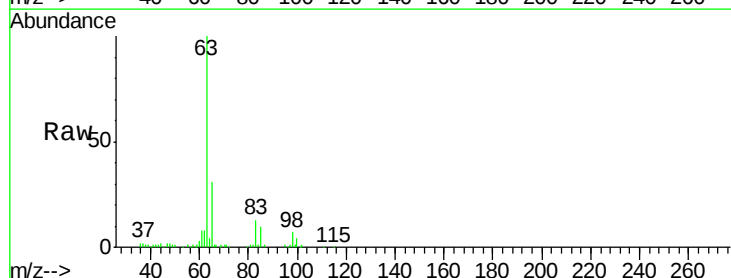
RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion	63	Resp	89678
Ion Ratio	100	Lower	Upper
63	100		
98	6.7	3.5	10.4
100	4.0	1.8	5.5





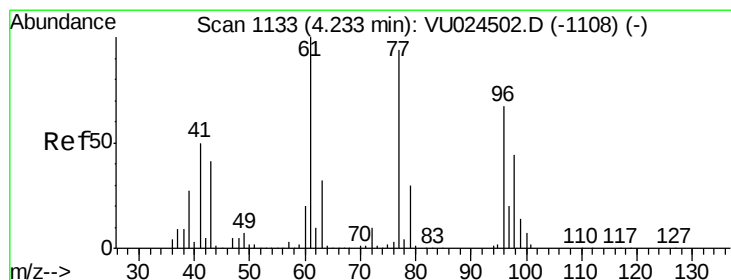
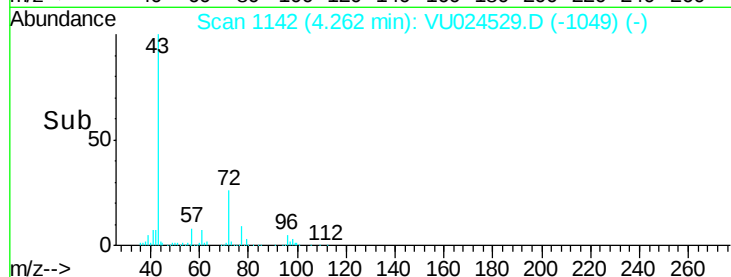
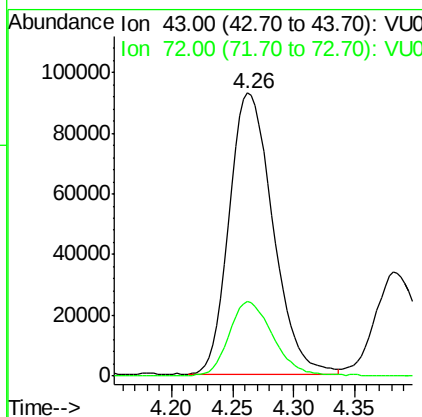
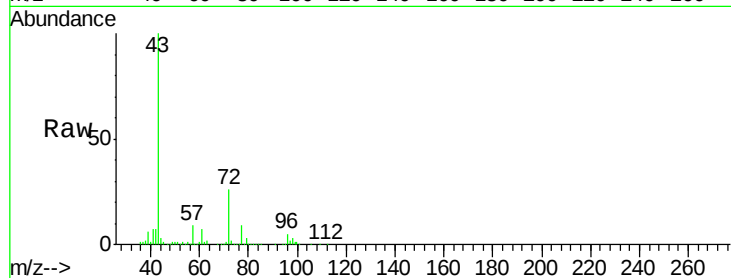
#25
2-Butanone
Concen: 102.046 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	43	Resp	230458
Ion Ratio	100	Lower	Upper
72	26.3	19.6	29.4

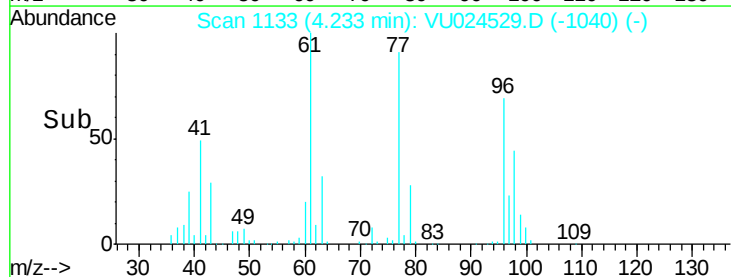
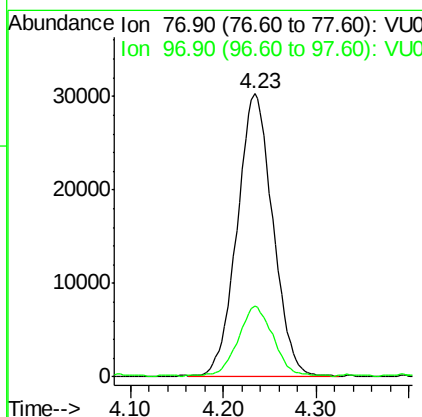
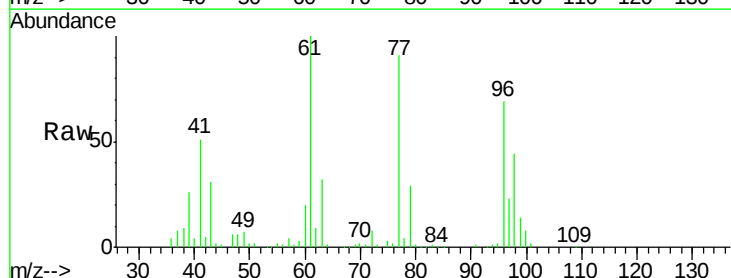
Manual Integrations
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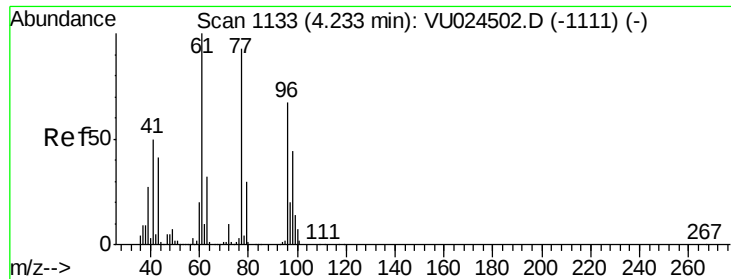
apatel
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#26
2,2-Dichloropropane
Concen: 18.499 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	77	Resp	81174
Ion Ratio	100	Lower	Upper
97	24.3	11.3	33.8





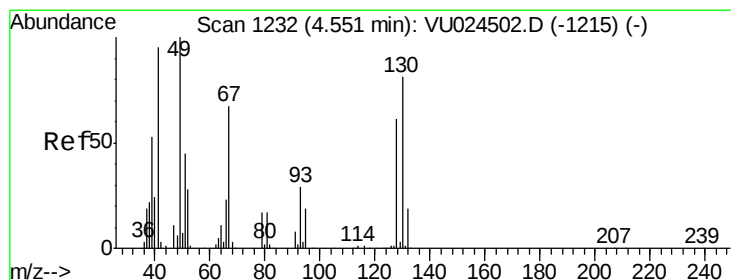
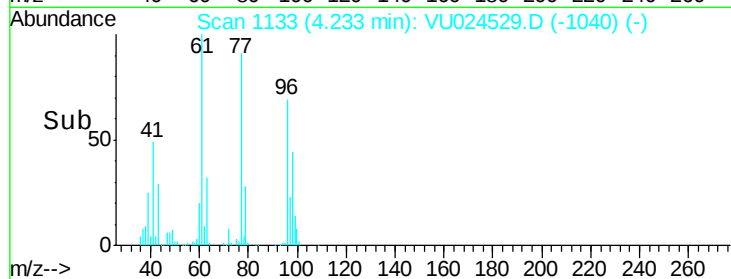
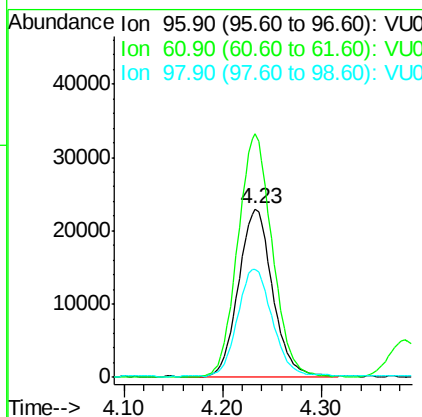
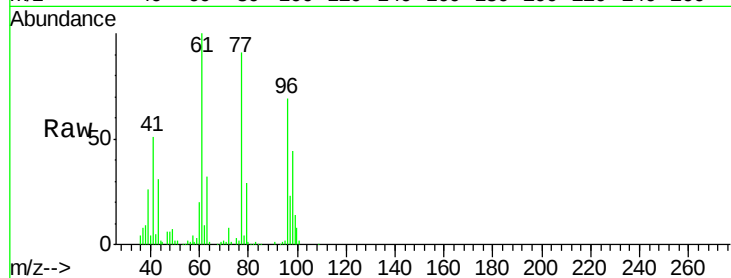
#27
 cis-1,2-Dichloroethene
 Concen: 20.045 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	306.6
98	63.9	0.0	128.8

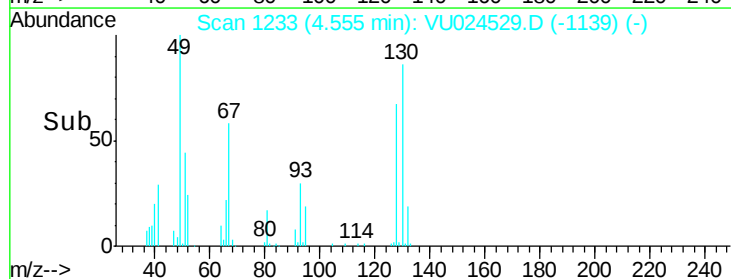
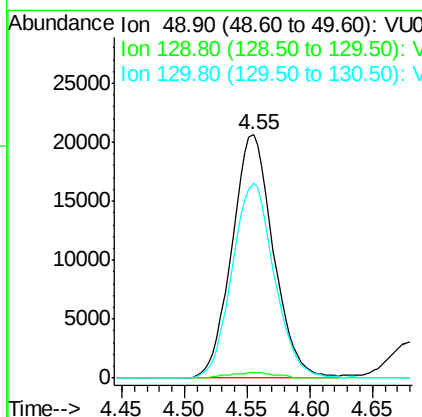
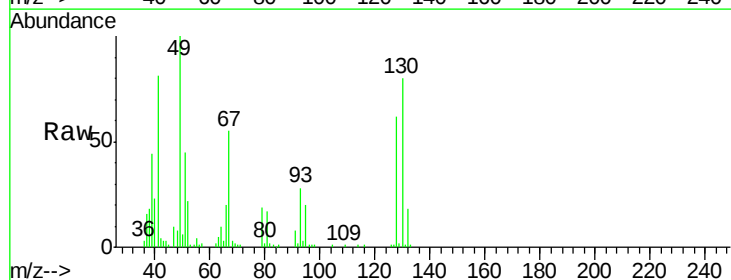
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#28
 Bromochloromethane
 Concen: 23.303 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	3.8
130	81.1	57.8	86.6





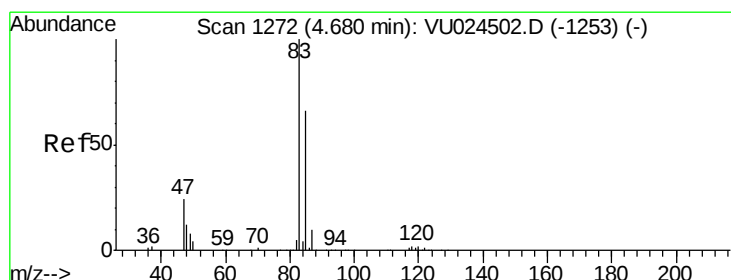
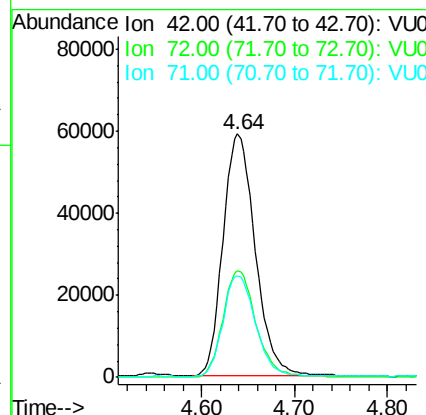
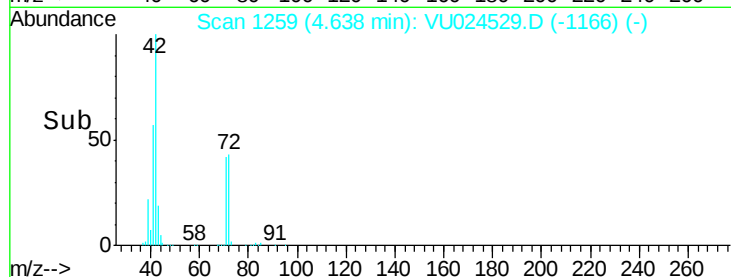
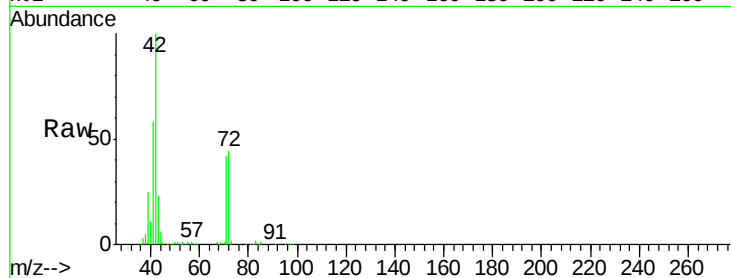
#29
Tetrahydrofuran
Concen: 101.852 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.5	51.7
71	42.1	32.2	48.4

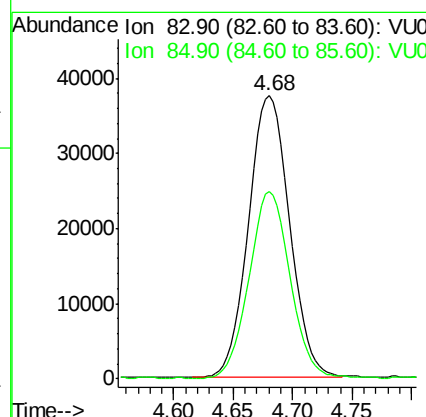
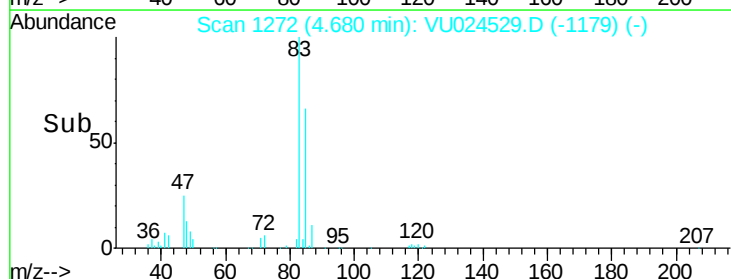
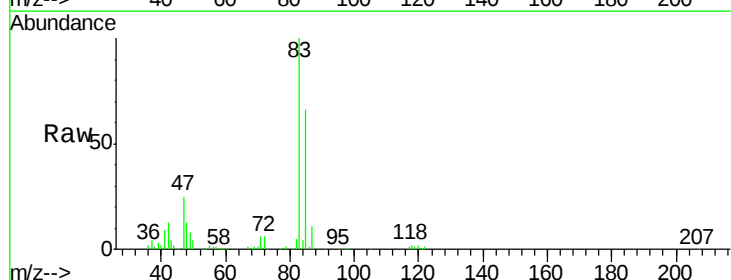
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#30
Chloroform
Concen: 19.184 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.4	78.6





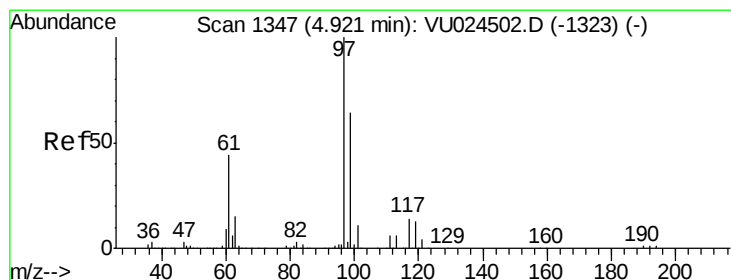
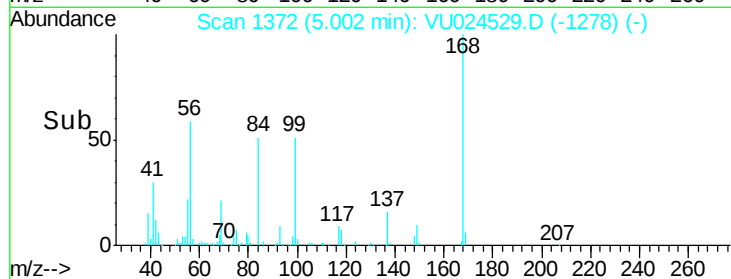
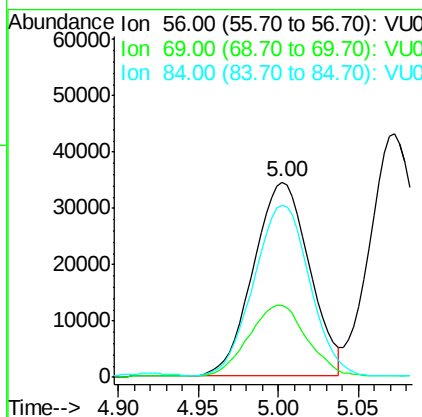
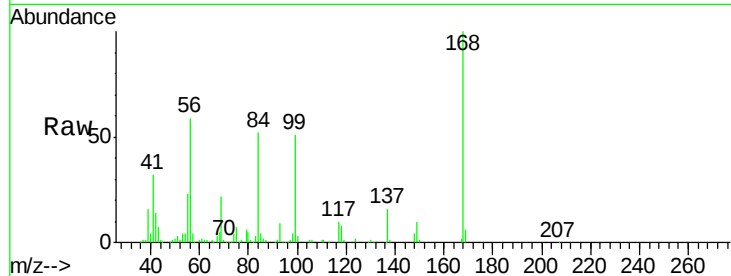
#31
Cyclohexane
Concen: 19.186 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.5	24.8	37.2
84	87.9	65.2	97.8

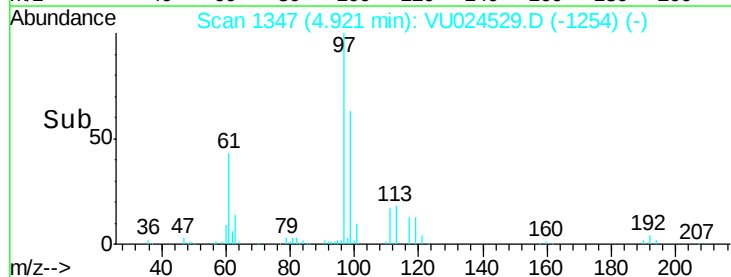
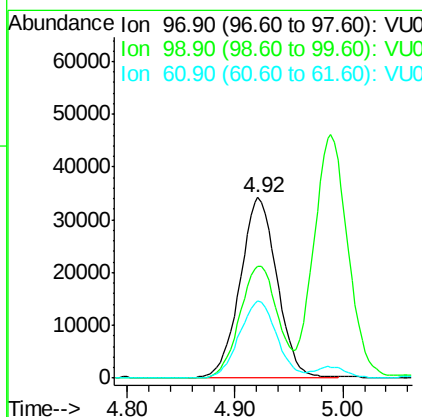
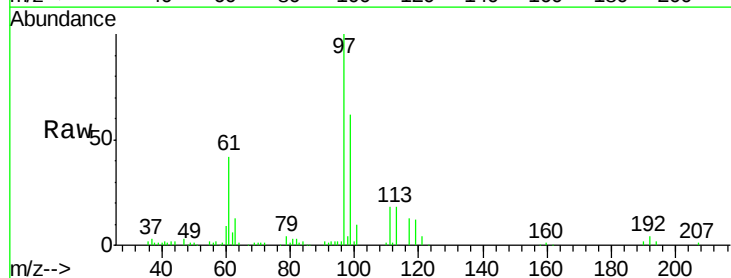
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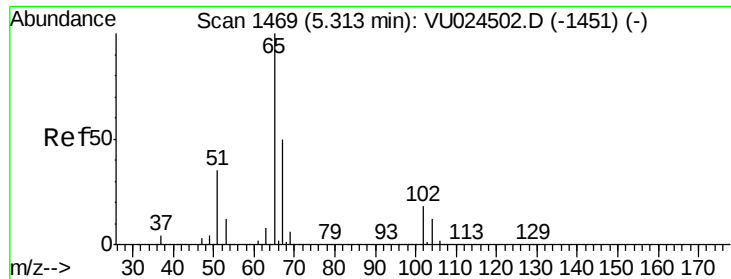
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#32
1,1,1-Trichloroethane
Concen: 18.886 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.6
61	43.1	39.4	59.0





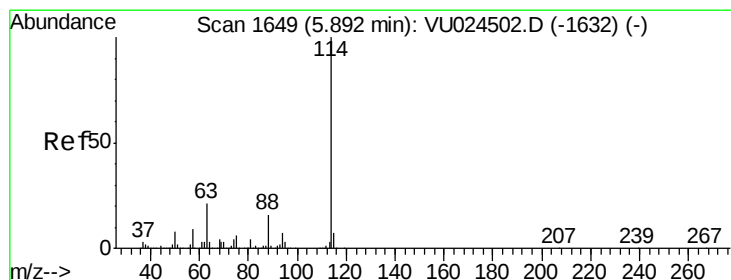
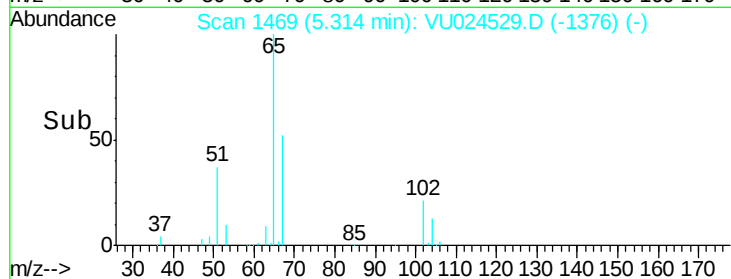
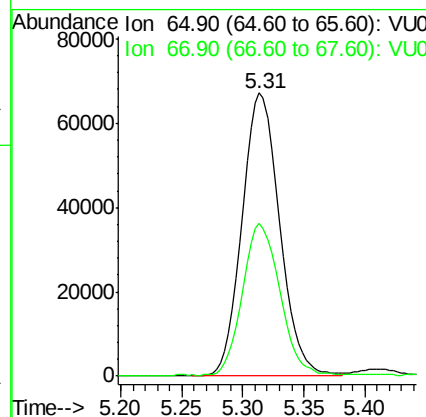
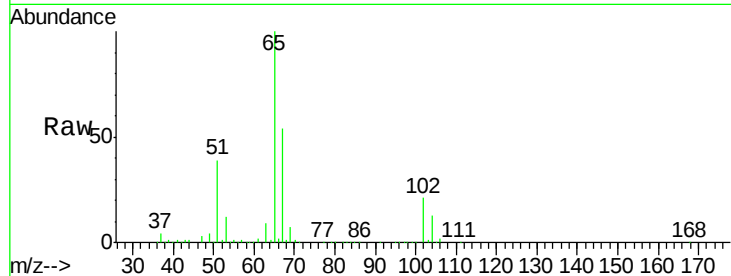
#33
 1,2-Dichloroethane-d4
 Concen: 45.839 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	107.0	

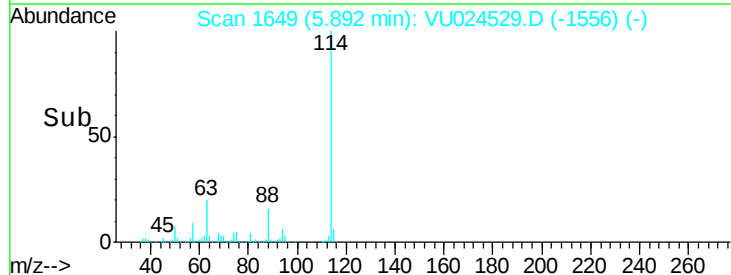
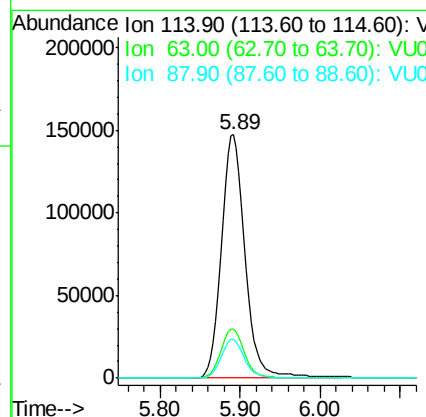
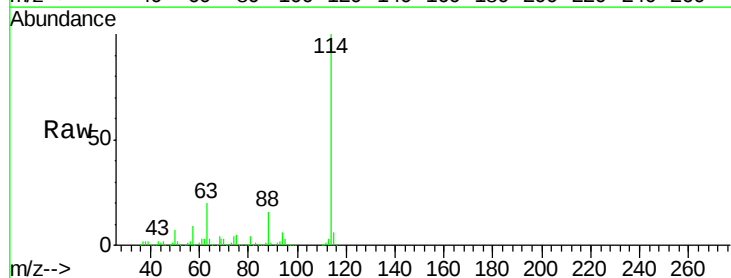
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	45.4	
88	15.9	0.0	31.0	





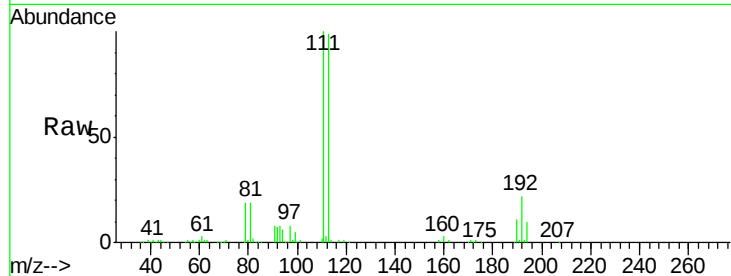
#35
Dibromofluoromethane
Concen: 49.010 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

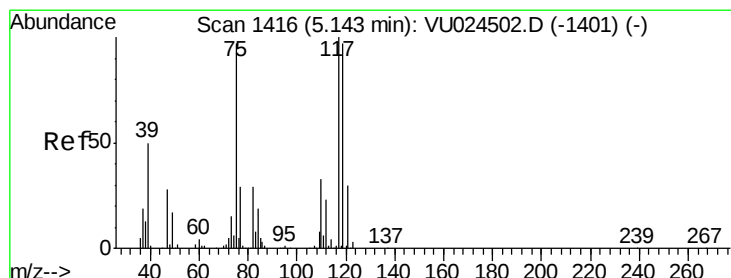
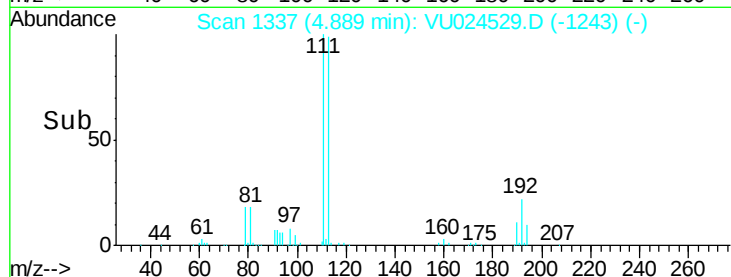
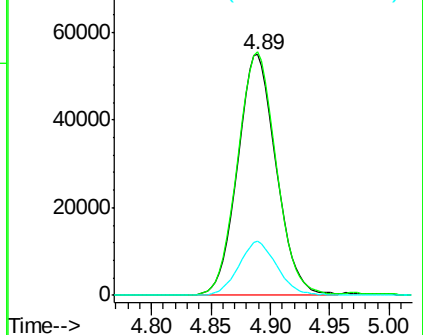
Tot Ion	Ratio	Resp	Lower	Upper
113	100	123324		
111	101.5	82.2	123.4	
192	22.1	16.2	24.4	

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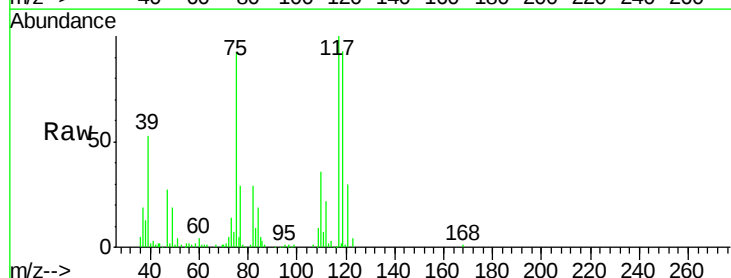


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

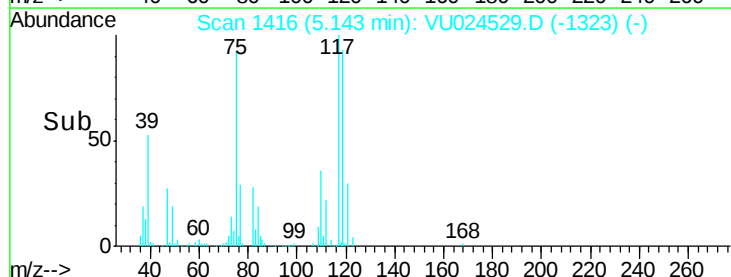
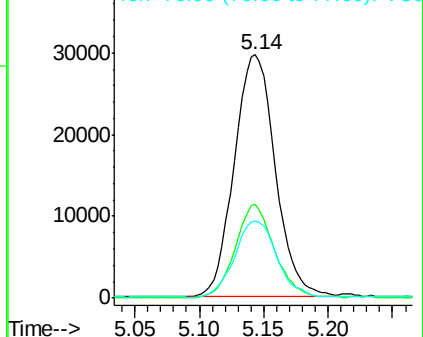


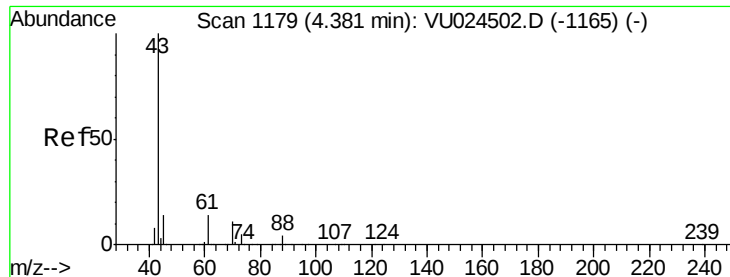
#36
1,1-Dichloropropene
Concen: 18.451 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65738		
110	37.0	17.0	50.9	
77	33.7	24.2	36.4	



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0





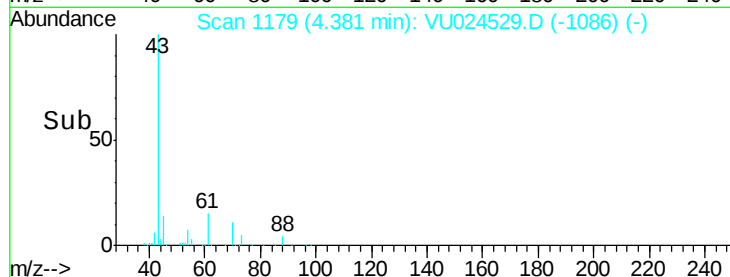
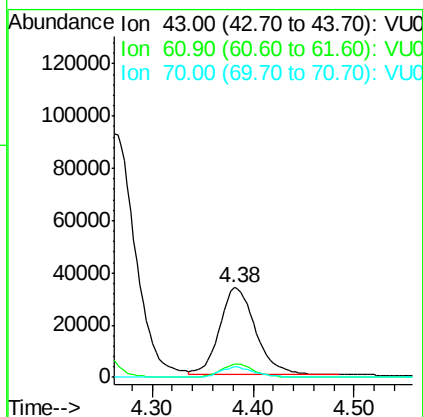
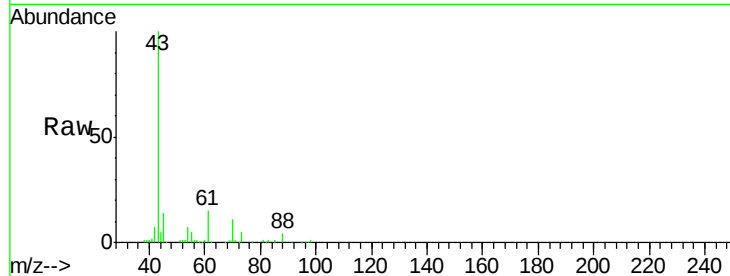
#37
Ethyl Acetate
Concen: 21.355 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.5	15.7
70	10.3	7.4	11.2

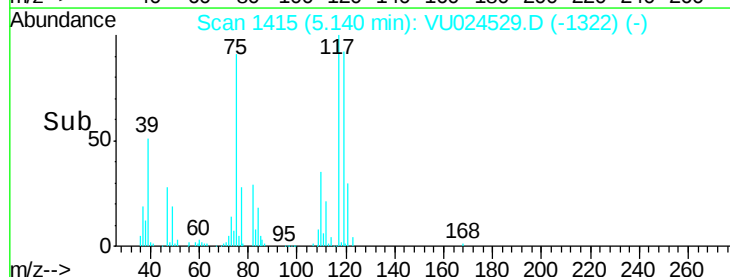
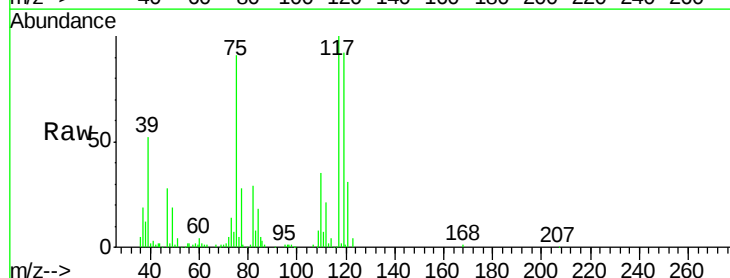
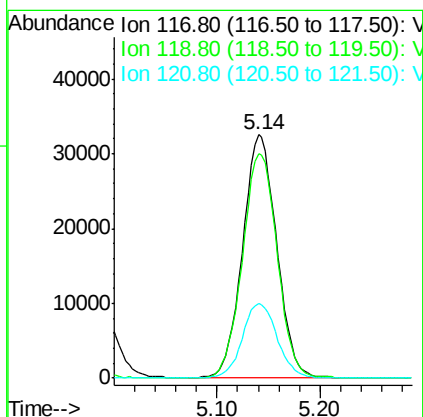
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#38
Carbon Tetrachloride
Concen: 19.062 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.1	114.1
121	30.6	23.7	35.5





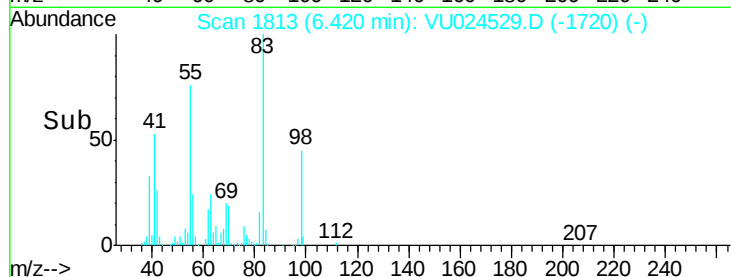
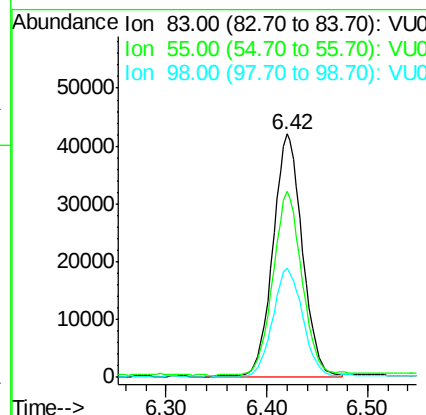
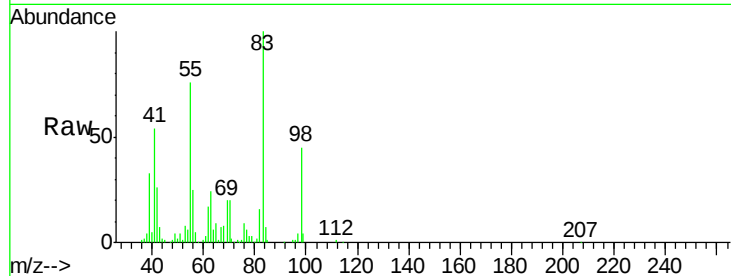
#39
Methvlcvclohexane
Concen: 19.017 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	65.8	98.6
98	44.6	36.7	55.1

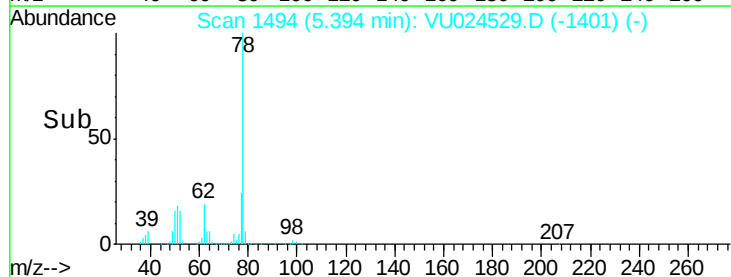
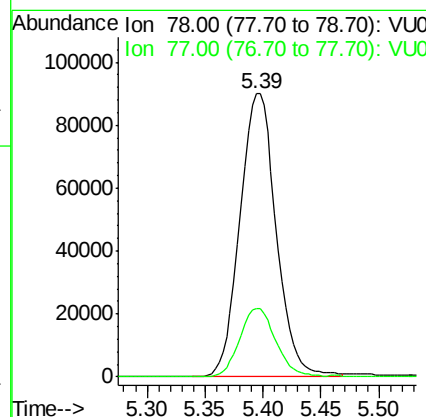
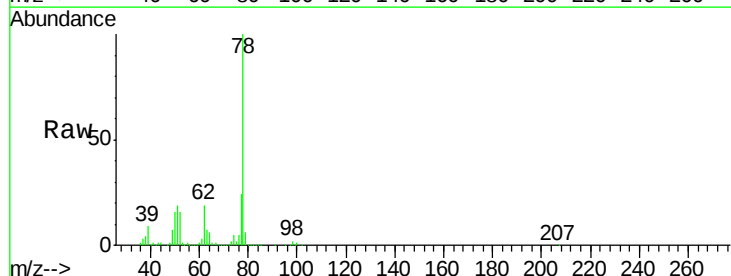
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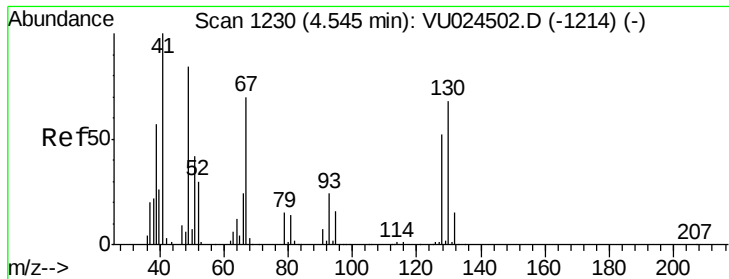
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#40
Benzene
Concen: 19.344 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





#41

Methacrylonitrile

Concen: 20.719 ug/l

RT: 4.55 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

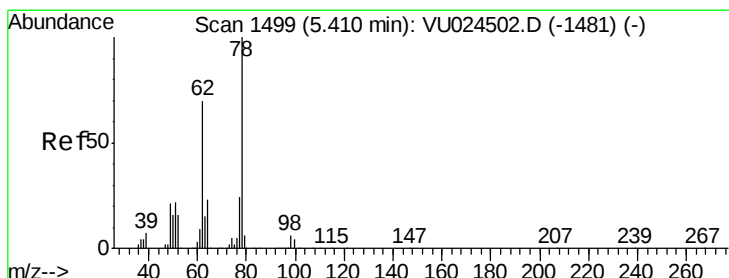
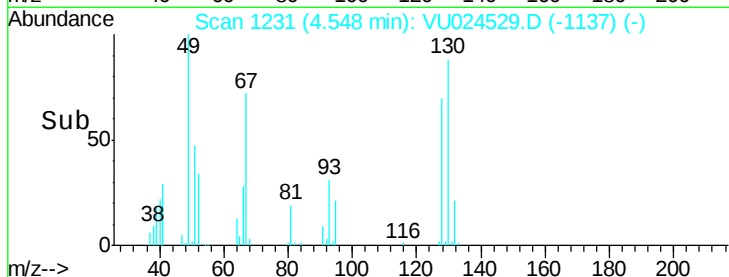
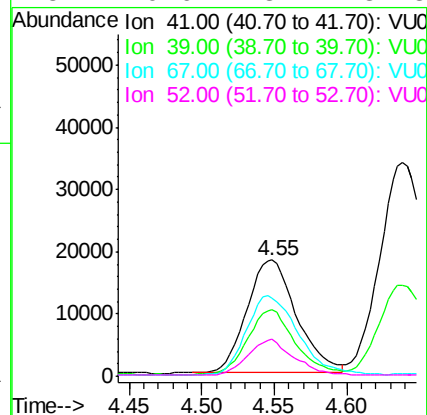
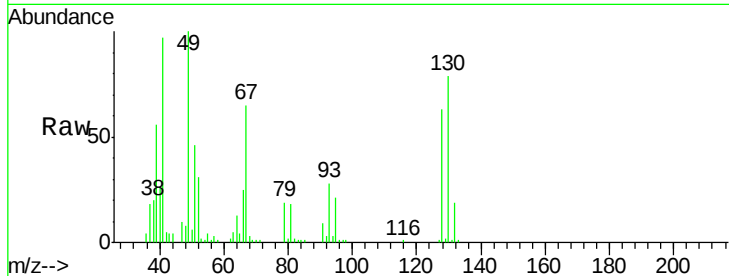
ClientSampled :

VU0614WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	43.8	65.6	
67	73.1	56.3	84.5	
52	29.6	23.2	34.8	

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#42

1,2-Dichloroethane

Concen: 18.925 ug/l

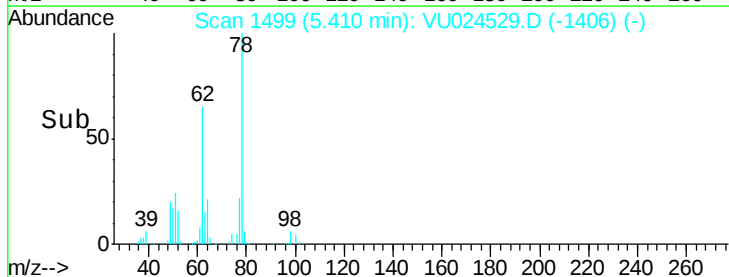
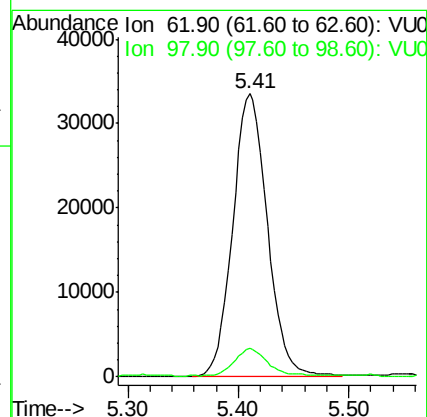
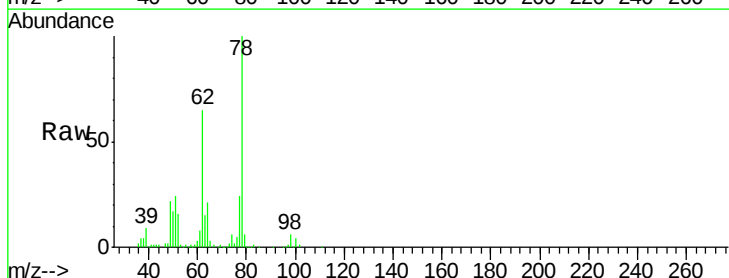
RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	16.6	





#43

Isopropyl Acetate

Concen: 19.559 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

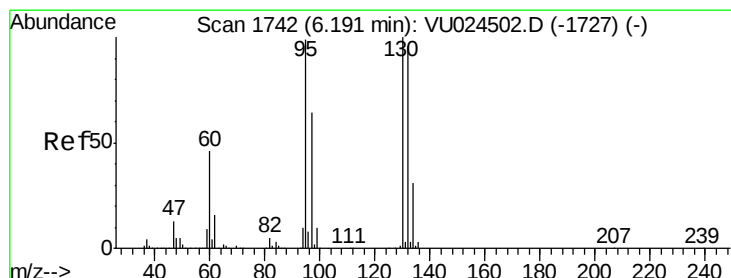
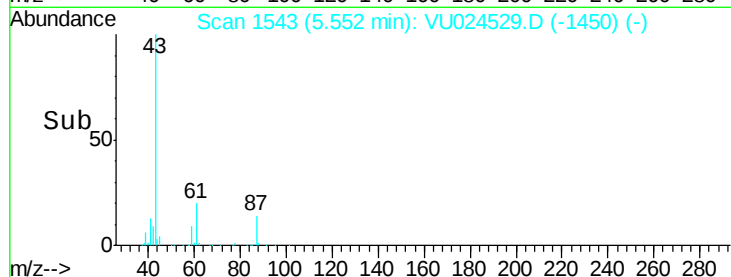
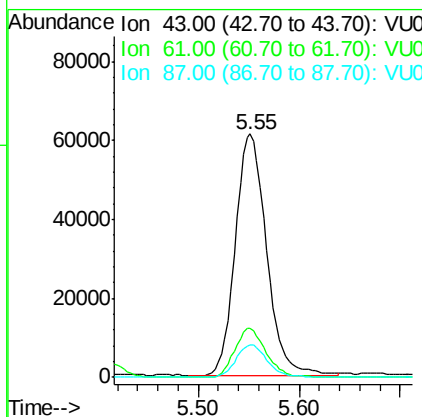
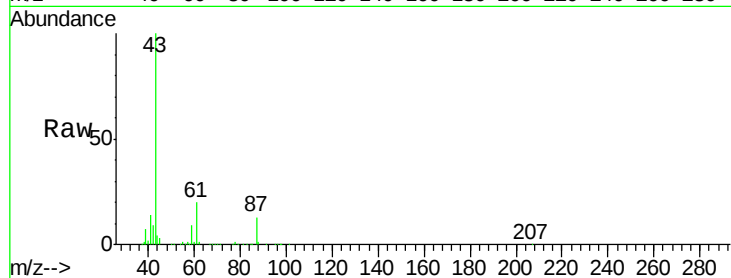
ClientSampleId :

VU0614WBSD01

Tot Ion:	43	Resp:	131285
Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.4	23.0
87	13.5	10.0	15.0

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#44

Trichloroethene

Concen: 18.784 ug/l

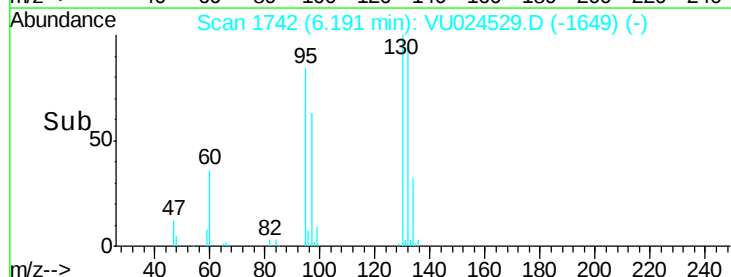
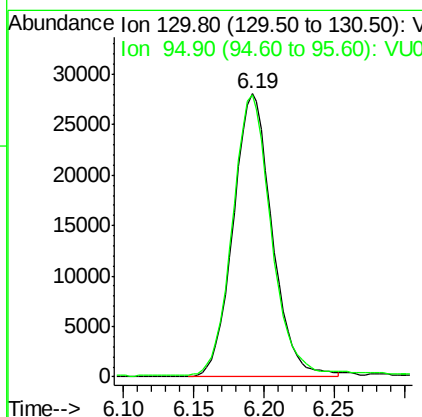
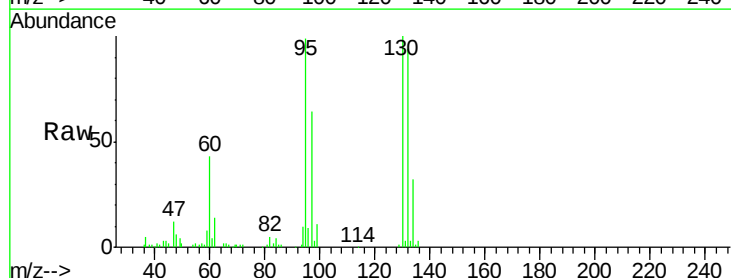
RT: 6.19 min Scan# 1742

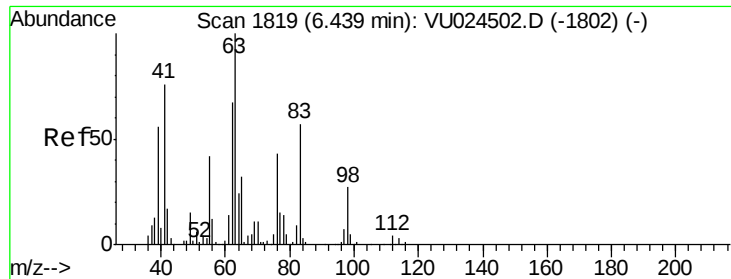
Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion:	130	Resp:	54272
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	202.4





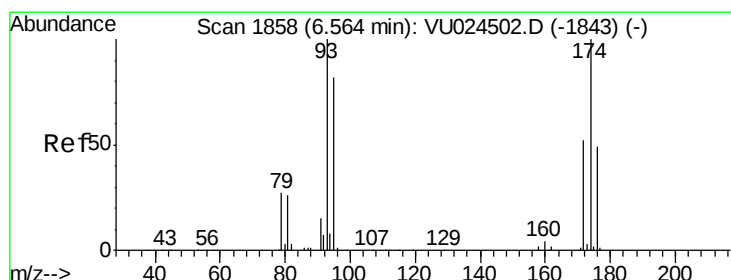
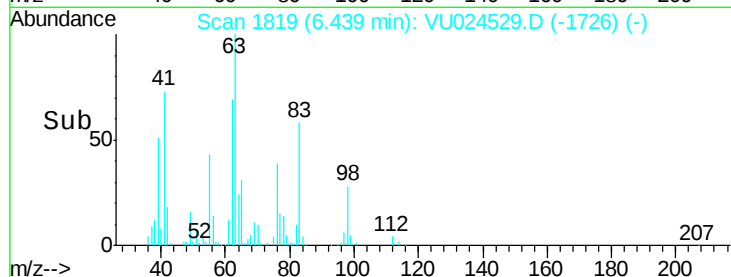
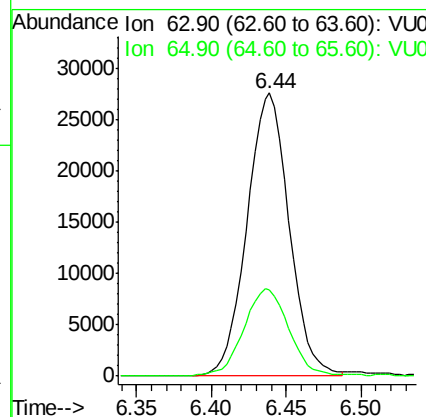
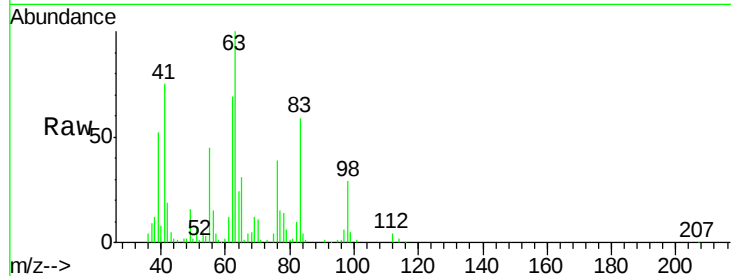
#45
 1,2-Dichloropropane
 Concen: 19.968 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Tot Ion: 63 Resp: 54090
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.8 37.2

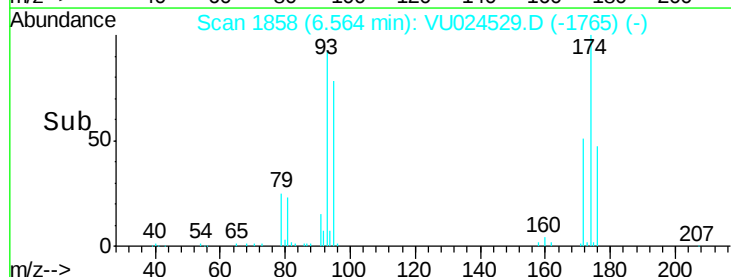
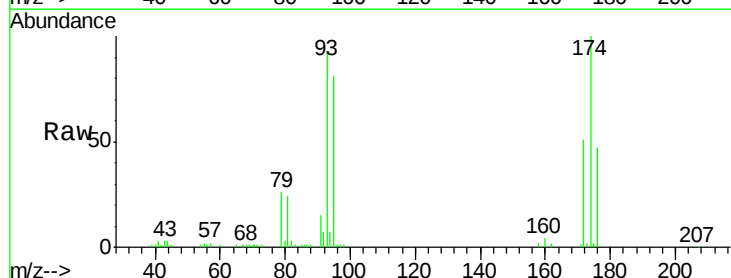
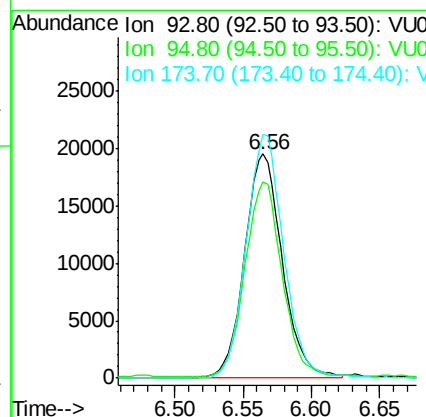
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#46
 Dibromomethane
 Concen: 19.797 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Tgt Ion: 93 Resp: 37668
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.5 98.3
 174 107.6 78.7 118.1





#47

Bromodichloromethane

Concen: 19.318 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

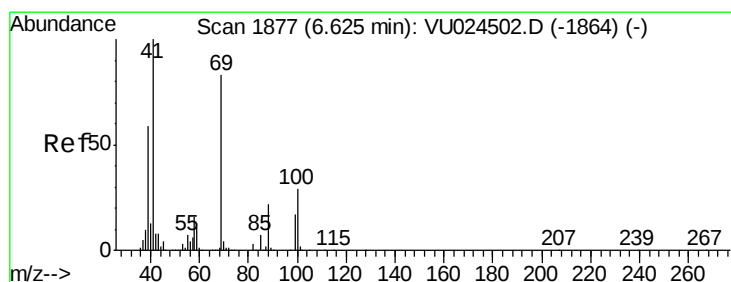
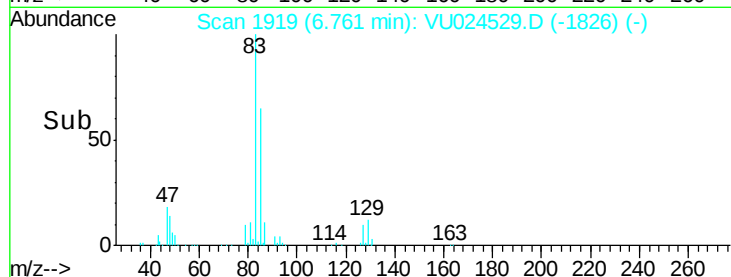
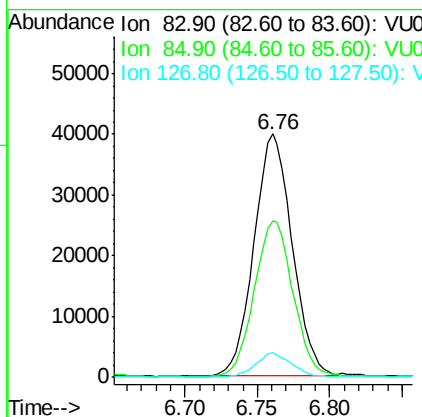
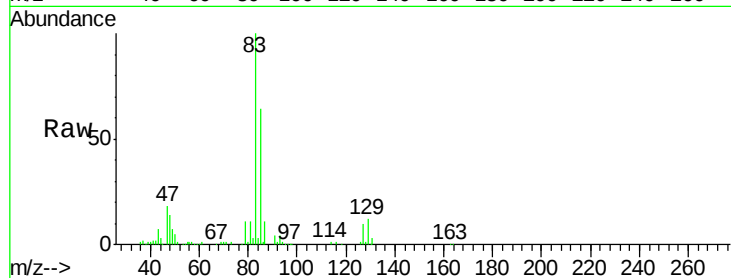
ClientSampled :

VU0614WBSD01

Tot Ion:	83	Resp:	73193
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.9	77.9
127	10.1	6.6	9.8#

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#48

Methyl methacrylate

Concen: 19.910 ug/l

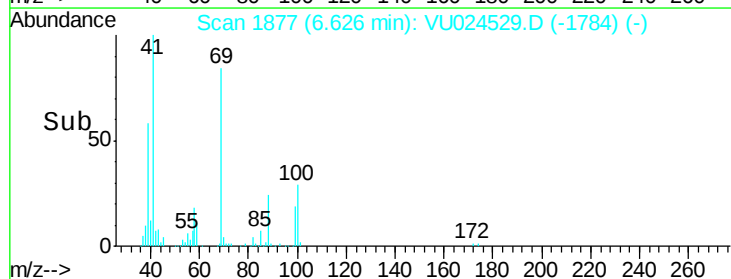
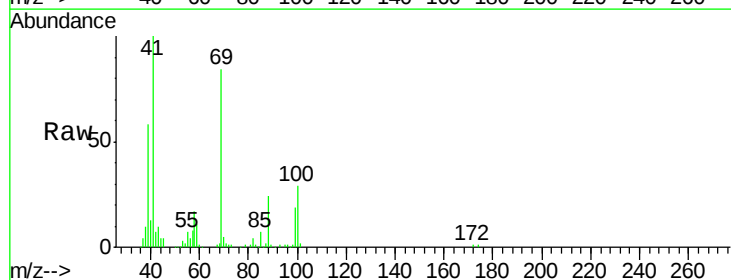
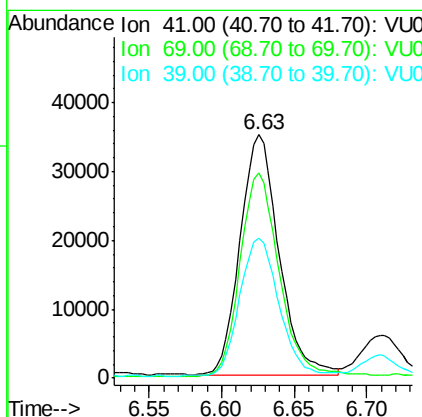
RT: 6.63 min Scan# 1877

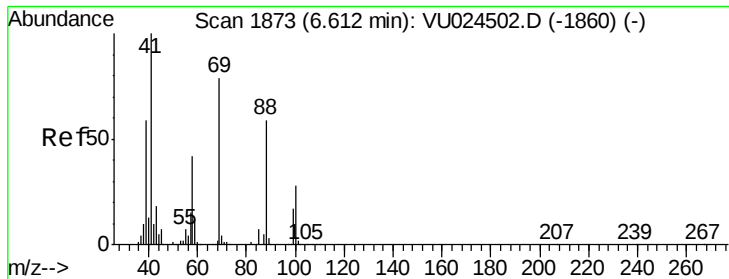
Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion:	41	Resp:	65075
Ion	Ratio	Lower	Upper
41	100		
69	85.4	67.3	100.9
39	58.1	46.5	69.7





#49

1,4-Dioxane

Concen: 376.959 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

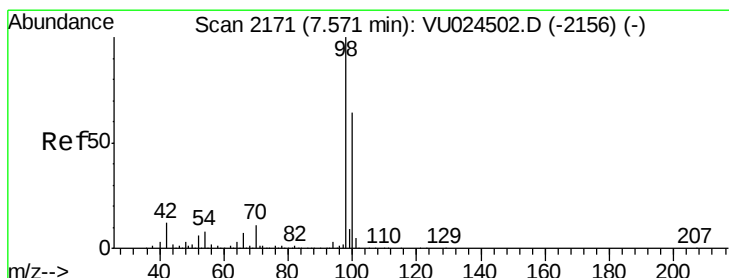
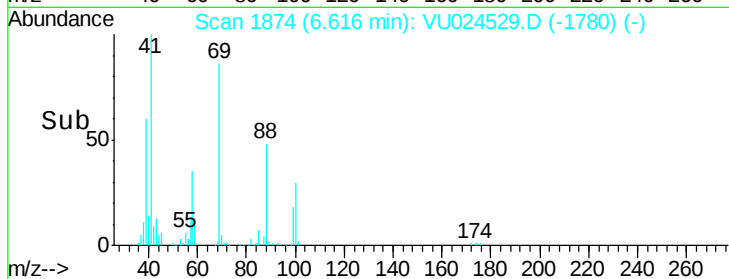
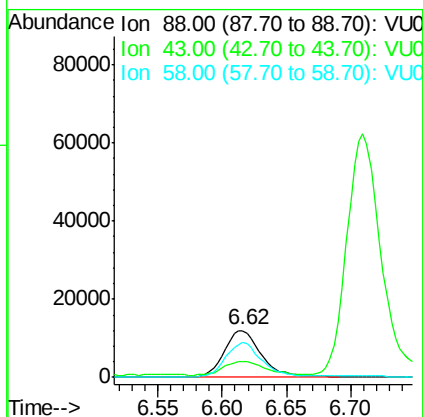
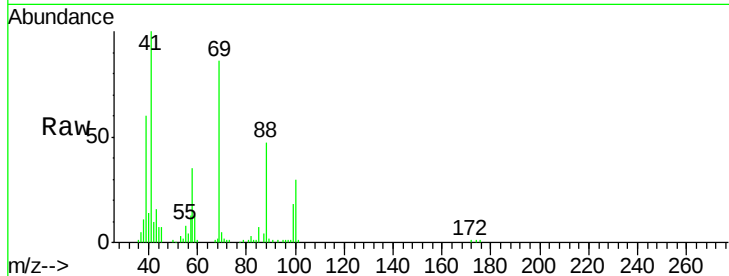
ClientSampleId :

VU0614WBSD01

Tot Ion:	88	Resp:	24095
Ion Ratio	Lower	Upper	
88	100		
43	31.7	28.6	42.8
58	73.3	58.2	87.4

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#50

Toluene-d8

Concen: 48.171 ug/l

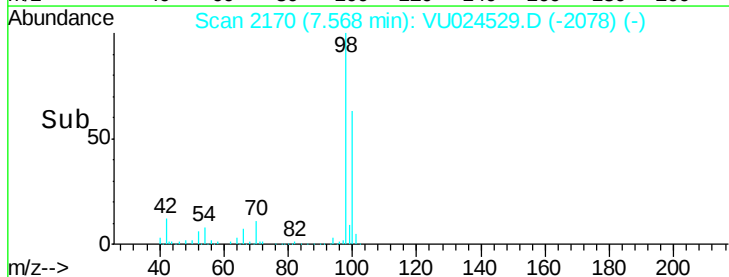
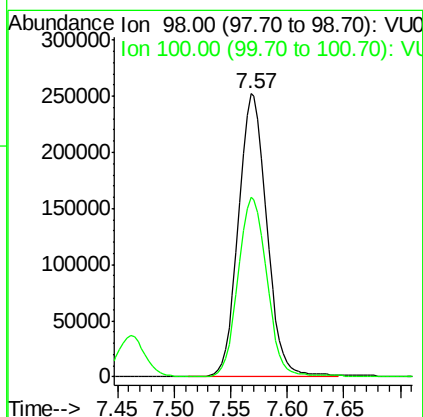
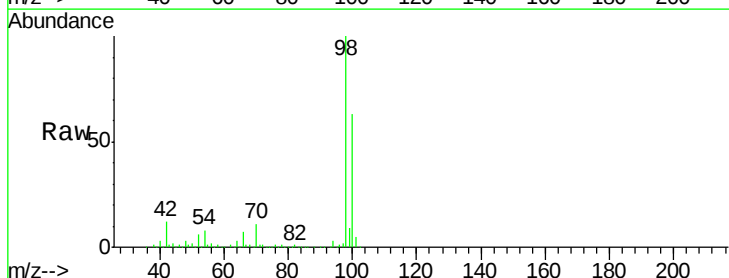
RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion:	98	Resp:	442141
Ion Ratio	Lower	Upper	
98	100		
100	64.6	51.1	76.7





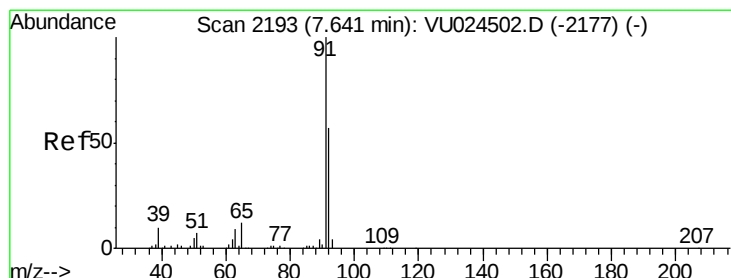
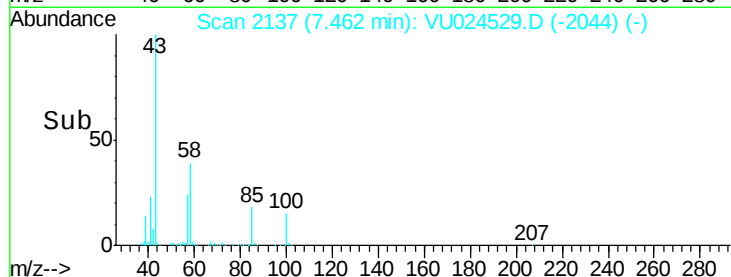
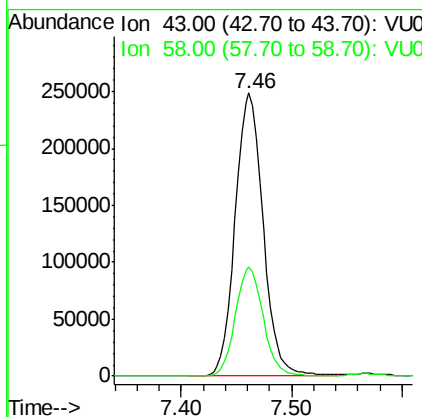
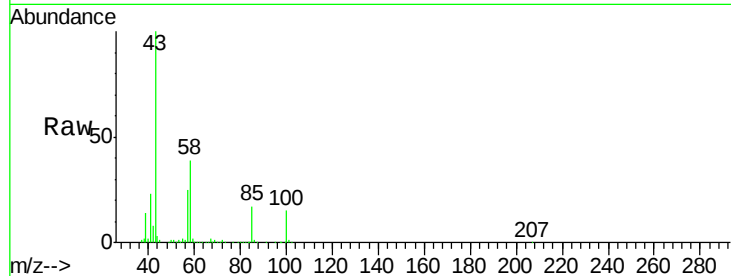
#51
4-Methyl-2-Pentanone
Concen: 102.889 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	43	Resp	433882
Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.0	45.0

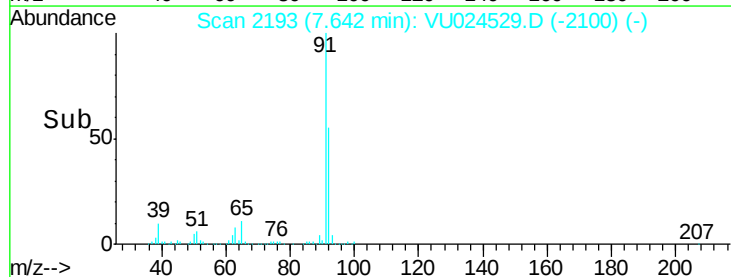
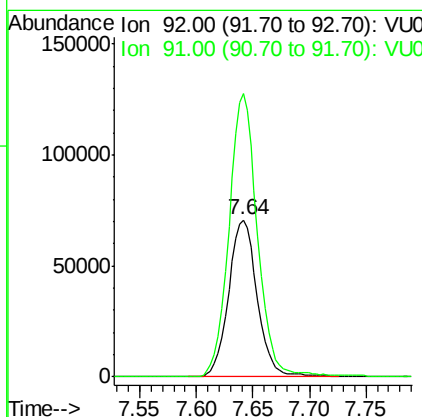
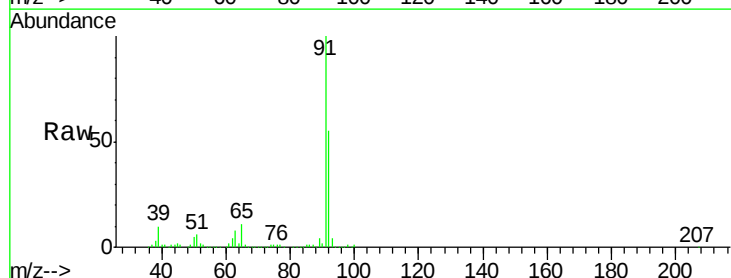
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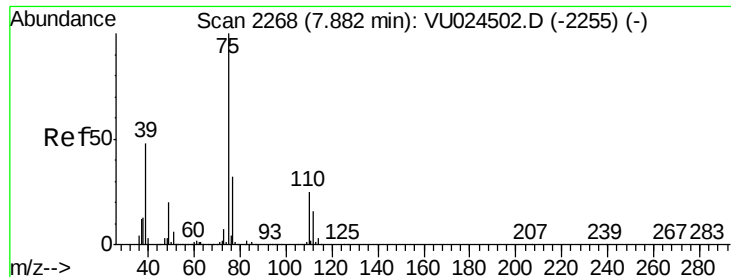
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#52
Toluene
Concen: 19.072 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	92	Resp	124570
Ion	Ratio	Lower	Upper
92	100		
91	179.3	140.5	210.7





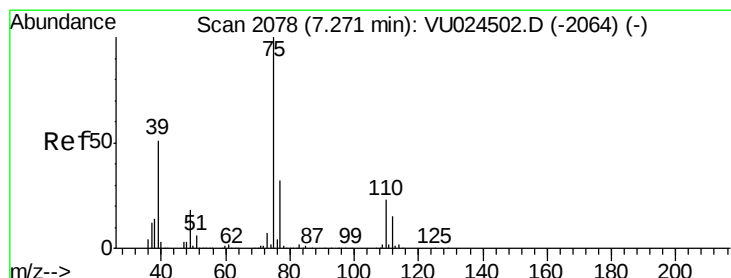
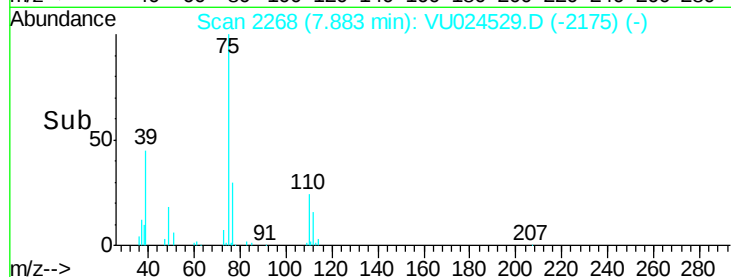
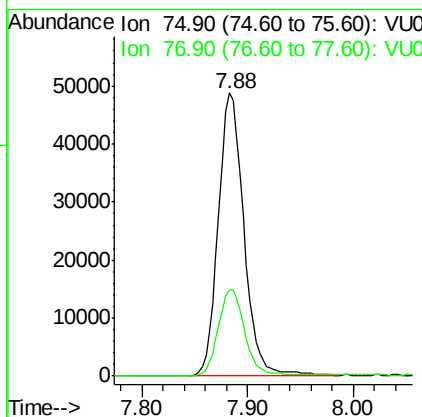
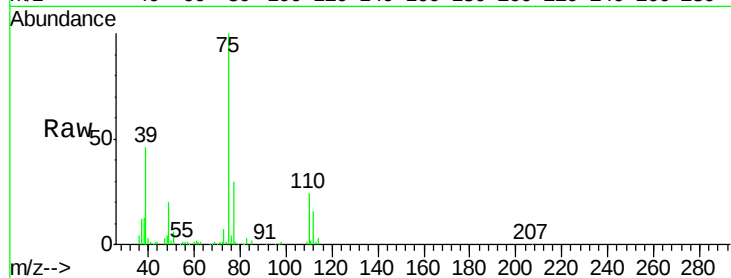
#53
t-1,3-Dichloropropene
Concen: 19.389 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.8	37.2

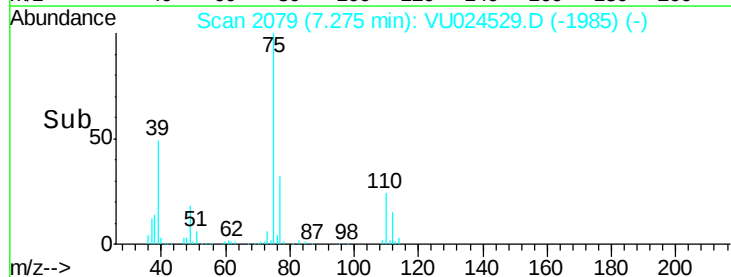
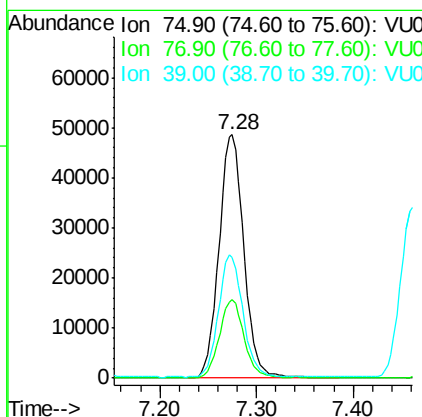
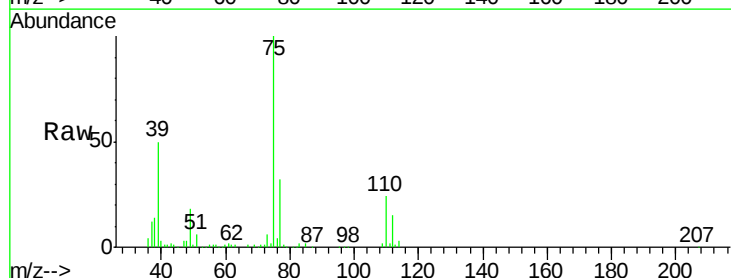
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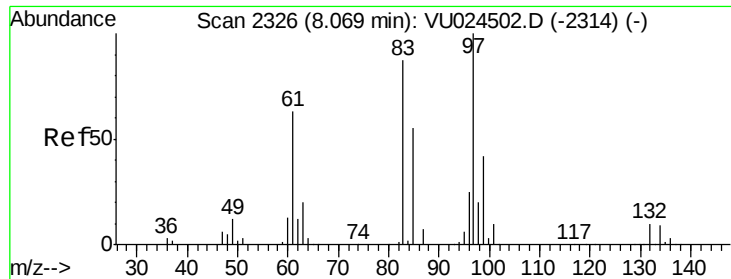
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#54
cis-1,3-Dichloropropene
Concen: 19.177 ug/l
RT: 7.28 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	36.8
39	49.1	39.8	59.6





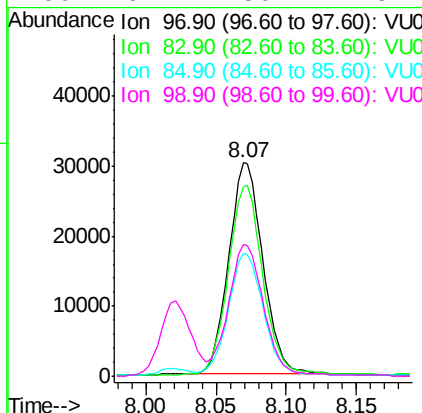
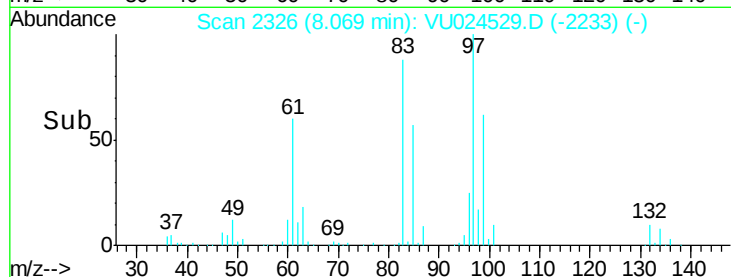
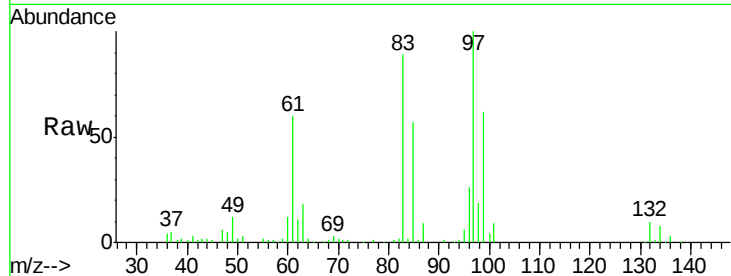
#55
 1,1,2-Trichloroethane
 Concen: 19.312 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Tot Ion:	97	Resp:	51274
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.5	105.7
85	57.3	46.4	69.6
99	61.4	50.2	75.2

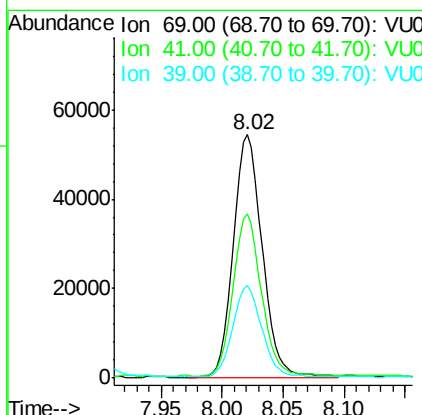
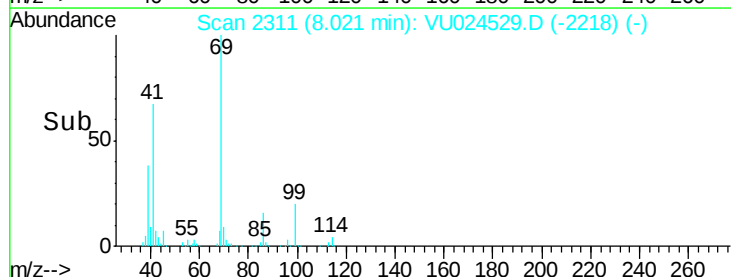
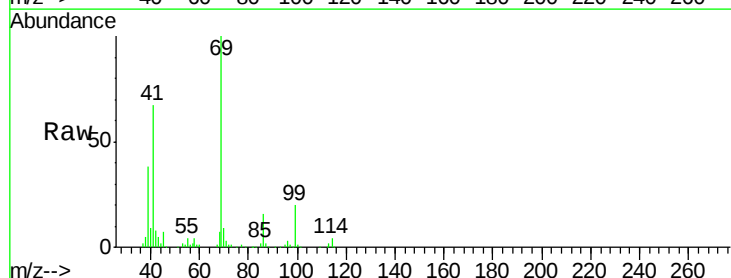
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#56
 Ethyl methacrylate
 Concen: 20.046 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Tgt Ion:	69	Resp:	89078
Ion	Ratio	Lower	Upper
69	100		
41	64.9	54.1	81.1
39	37.4	30.3	45.5





#57

1,3-Dichloropropane

Concen: 19.736 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tot Ion: 76 Resp: 88394

Ion Ratio Lower Upper

76 100

78 32.8 25.2 37.8

Instrument :

MSVOA_U

ClientSampleId :

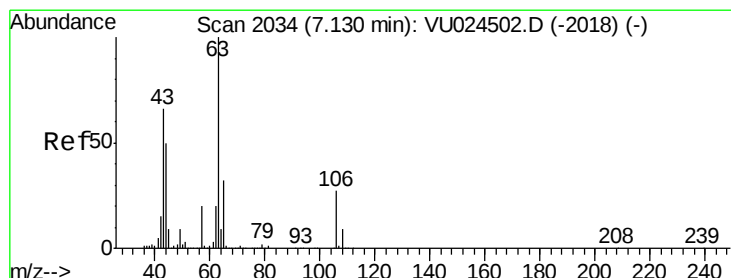
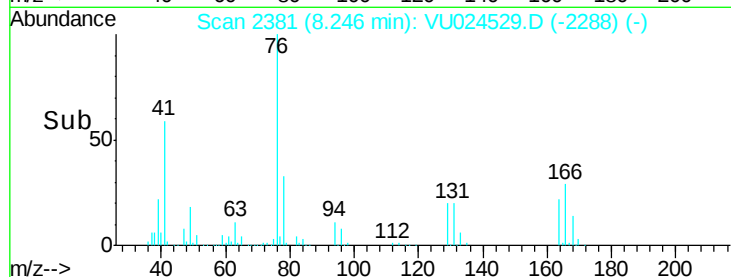
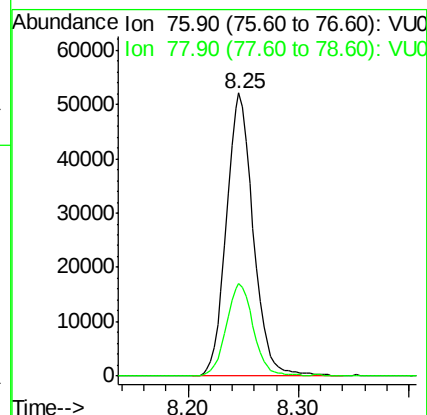
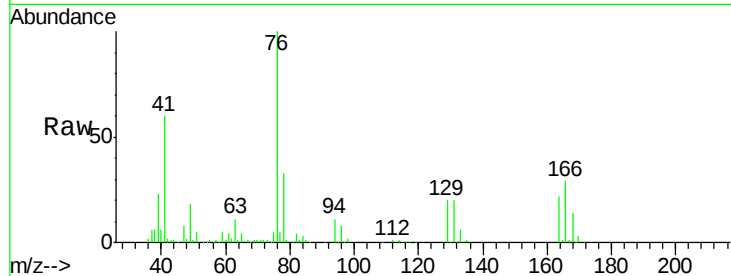
VU0614WBSD01

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#58

2-Chloroethyl Vinyl ether

Concen: 102.649 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024529.D

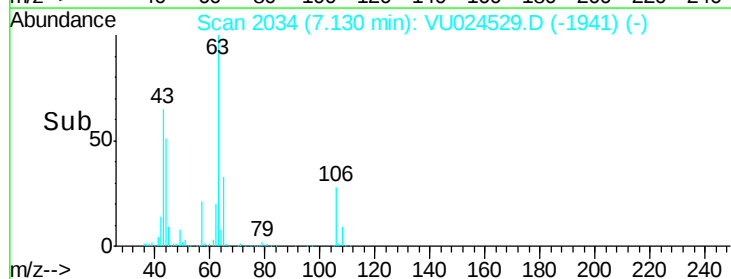
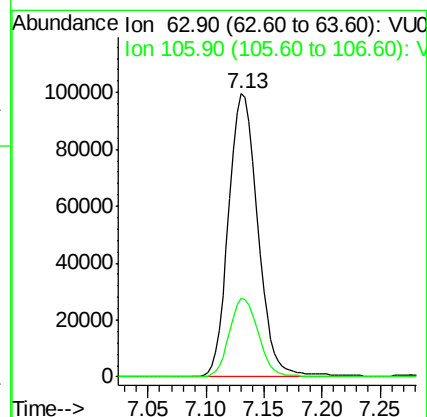
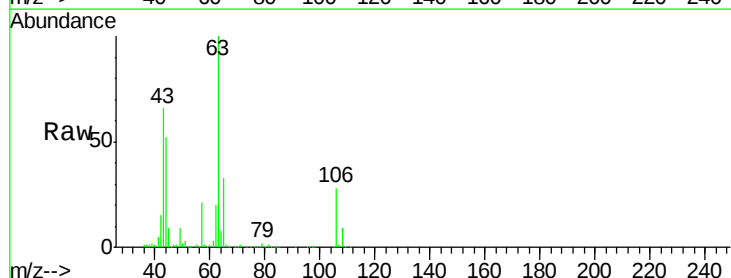
Acq: 14 Jun 2018 11:06

Tgt Ion: 63 Resp: 174752

Ion Ratio Lower Upper

63 100

106 27.5 20.2 30.2





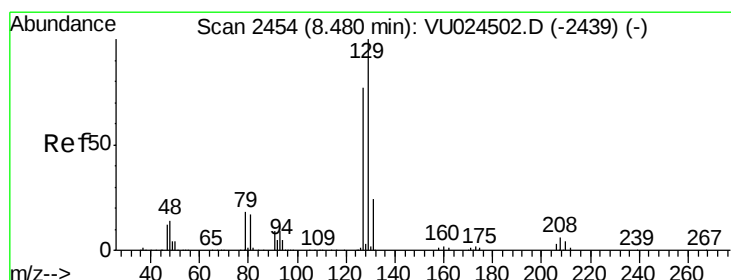
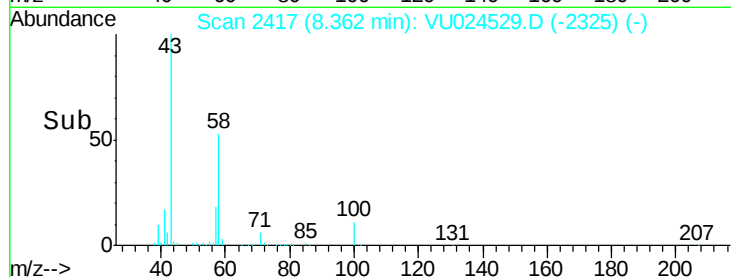
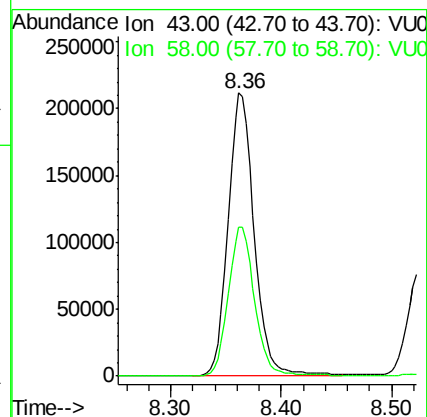
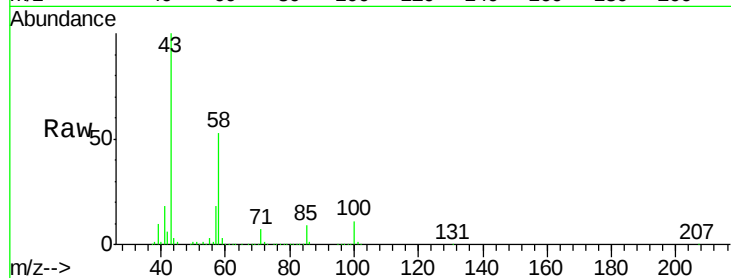
#59
2-Hexanone
Concen: 100.144 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion: 43 Resp: 344774
Ion Ratio Lower Upper
43 100
58 53.8 26.4 79.0

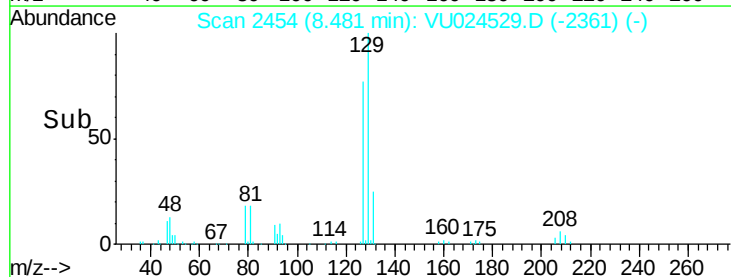
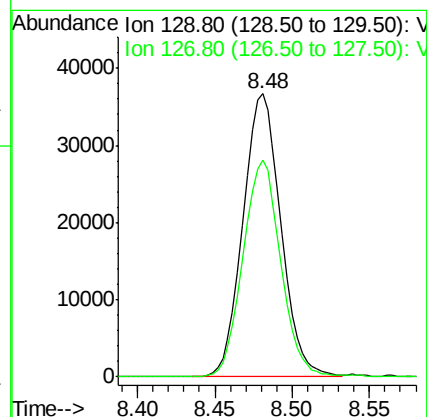
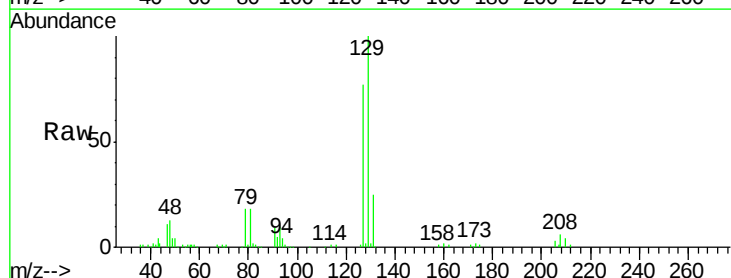
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#60
Dibromochloromethane
Concen: 18.920 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion:129 Resp: 62640
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.487 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBSD01

Tot Ion: 107 Resp: 57586

Ion Ratio Lower Upper

107 100

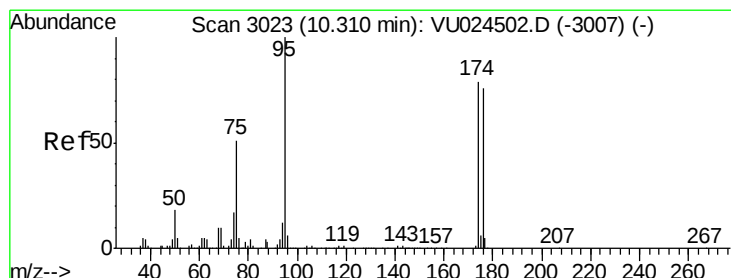
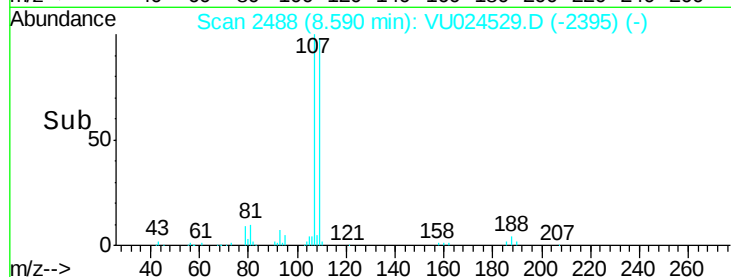
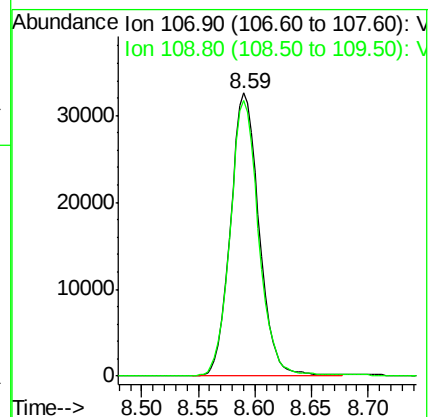
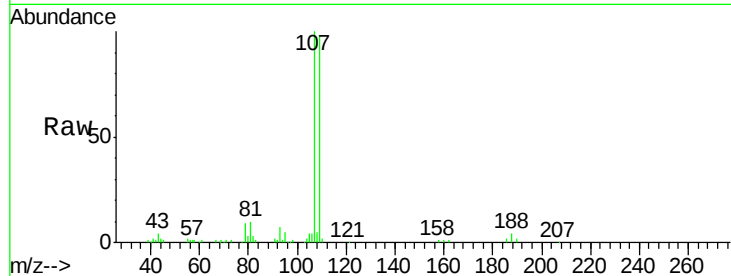
109 96.2 74.5 111.7

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 47.073 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

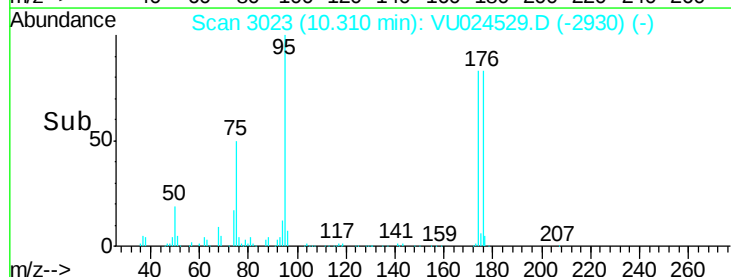
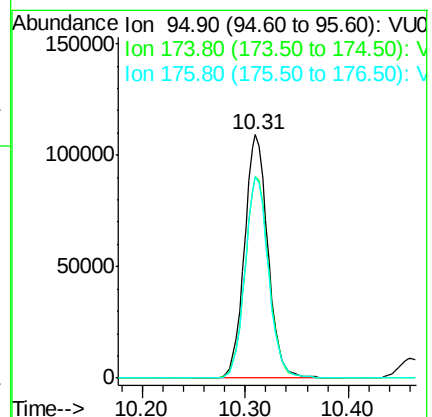
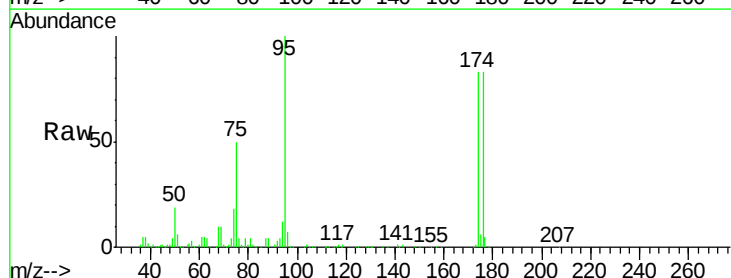
Tgt Ion: 95 Resp: 171544

Ion Ratio Lower Upper

95 100

174 84.2 0.0 165.8

176 83.2 0.0 159.4





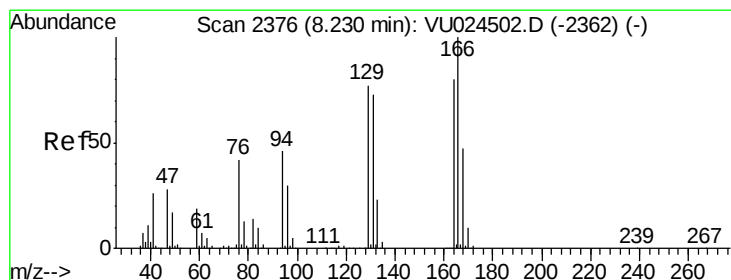
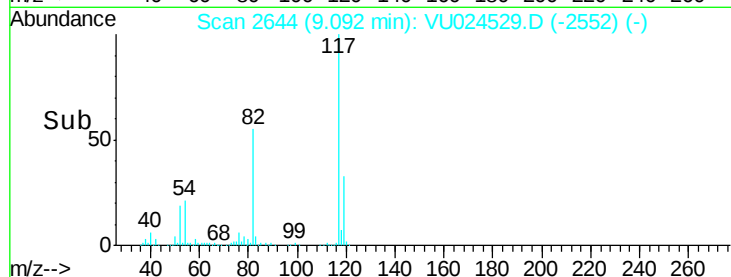
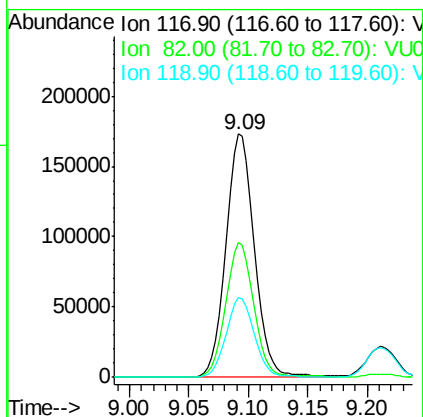
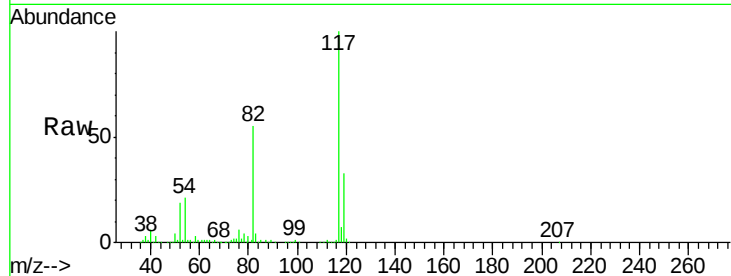
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	287692		
82	55.2	44.3	66.5	
119	32.6	25.4	38.2	

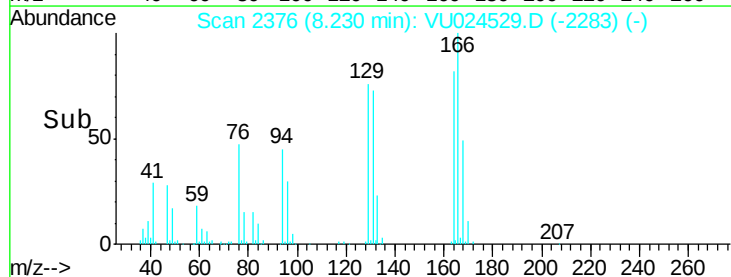
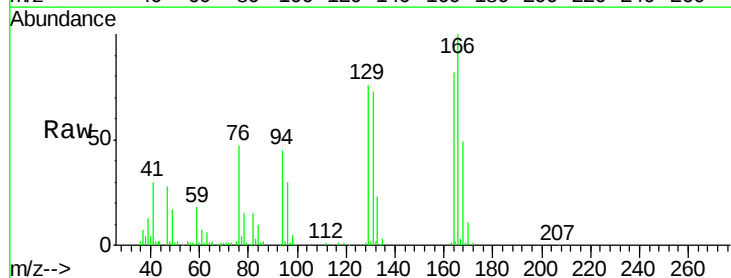
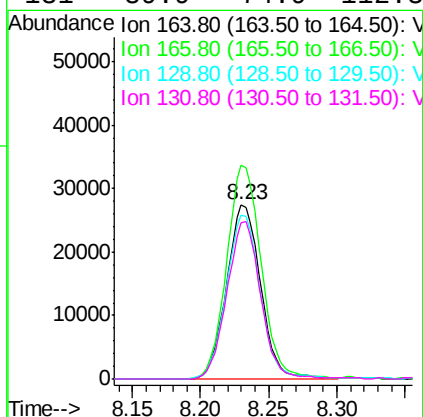
Manual Integrations
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#64
Tetrachloroethene
Concen: 17.360 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47472		
166	122.4	101.7	152.5	
129	93.7	76.9	115.3	
131	89.9	74.9	112.3	





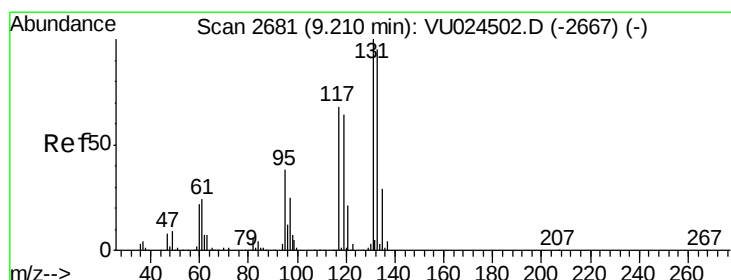
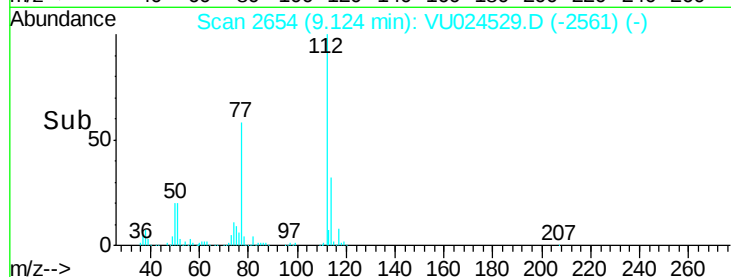
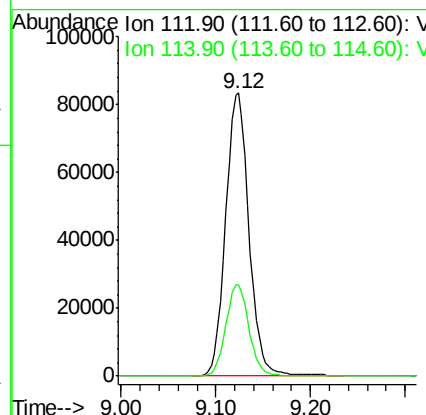
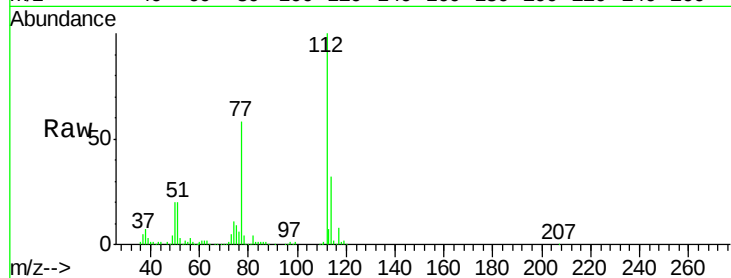
#65
Chlorobenzene
Concen: 19.472 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.6	38.4

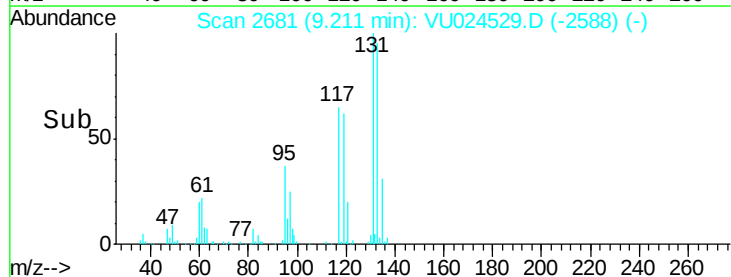
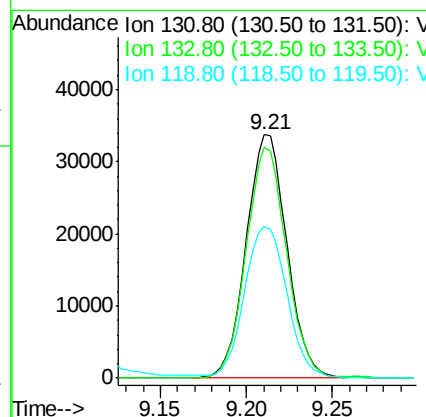
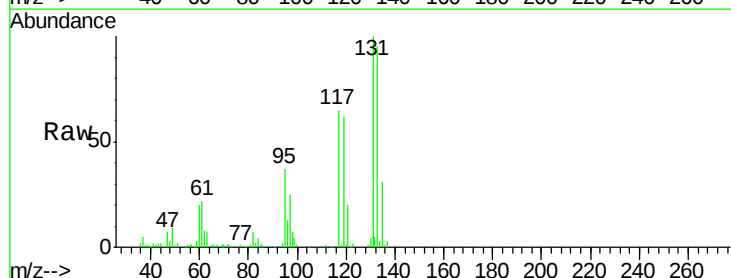
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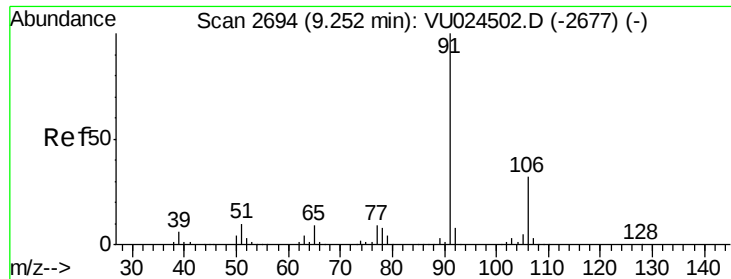
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.884 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	46.9	140.8
119	64.4	33.5	100.4





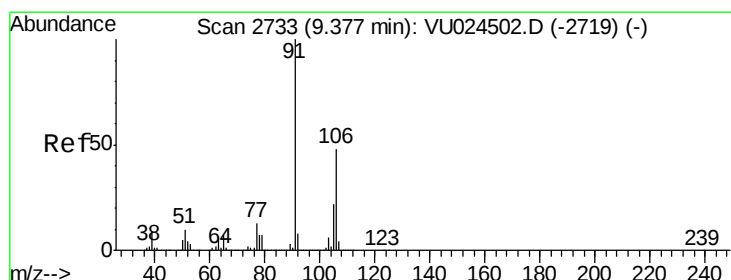
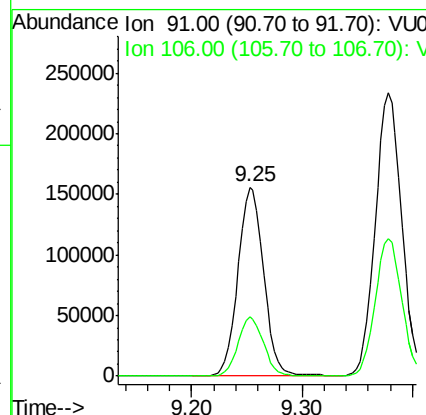
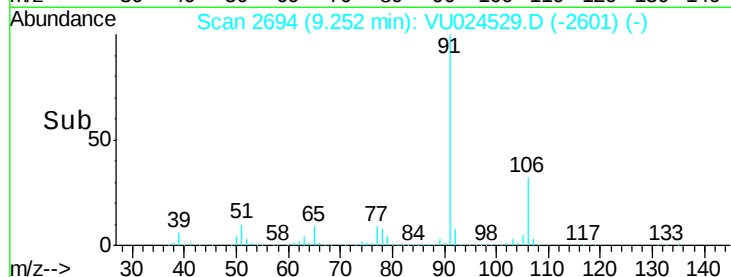
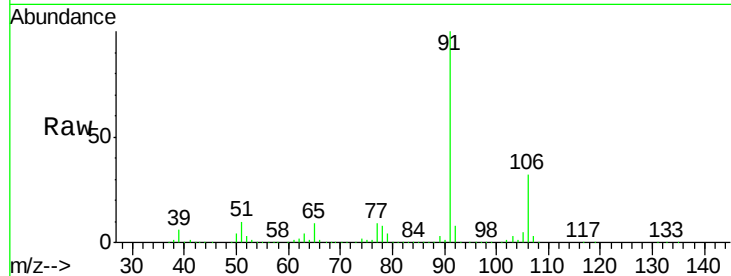
#67
Ethyl Benzene
Concen: 19.587 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion: 91 Resp: 252364
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4

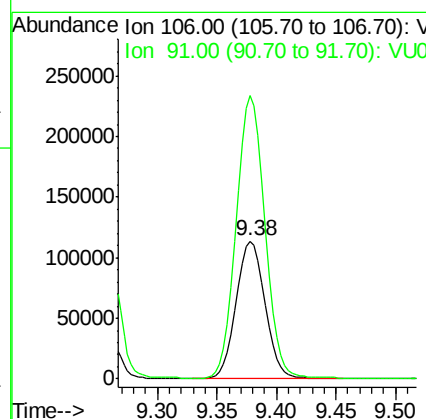
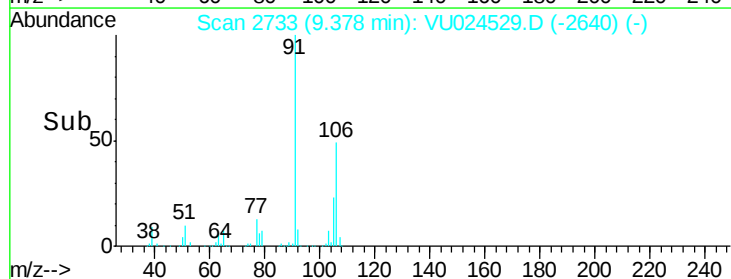
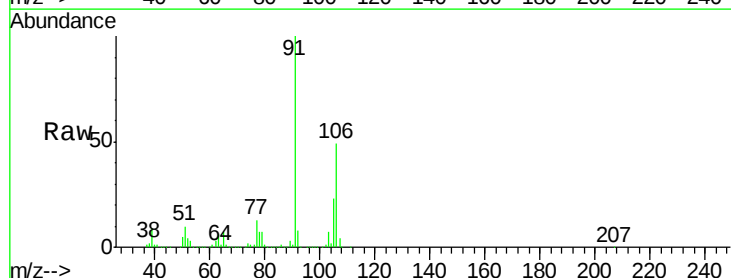
Manual Integrations
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#68
m/p-Xylenes
Concen: 38.694 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion: 106 Resp: 191439
Ion Ratio Lower Upper
106 100
91 204.7 166.5 249.7





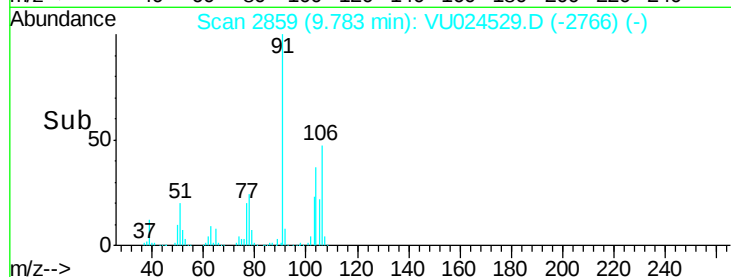
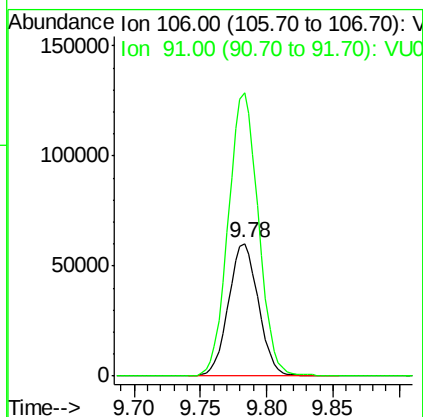
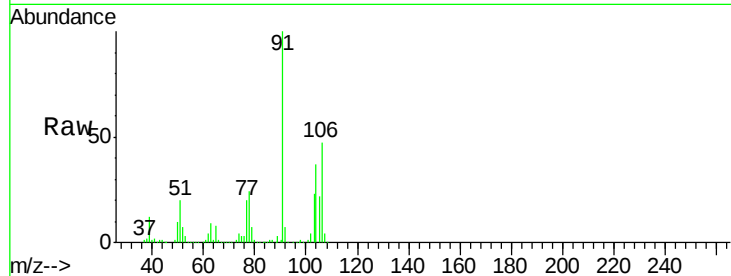
#69
o-Xylene
Concen: 19.322 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.6	110.7	331.9	

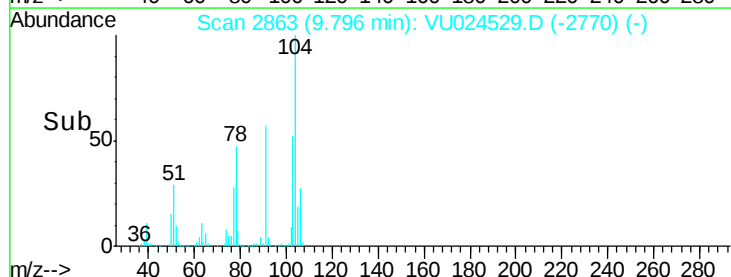
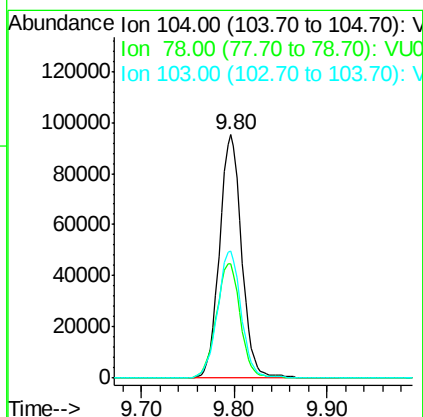
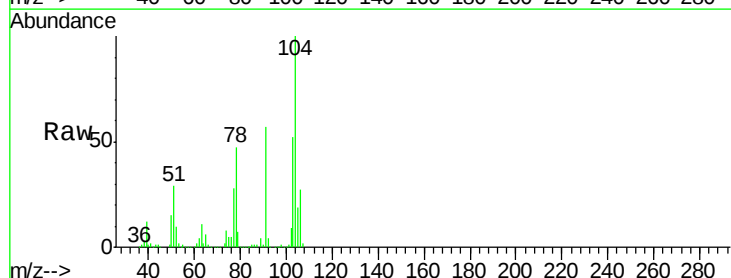
Manual Integrations
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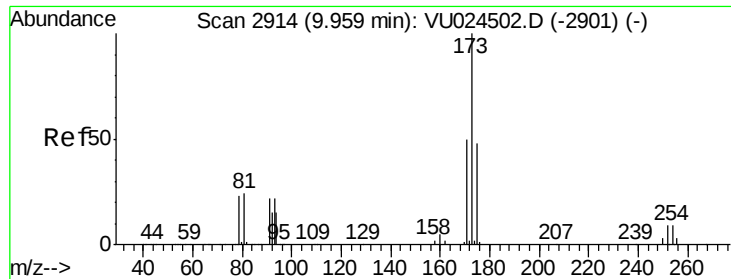
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#70
Styrene
Concen: 19.594 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.3	40.6	60.8	
103	55.7	44.7	67.1	





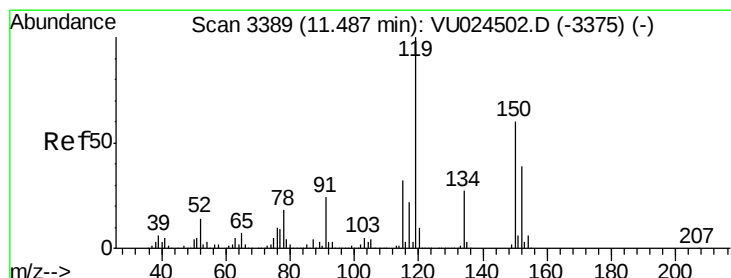
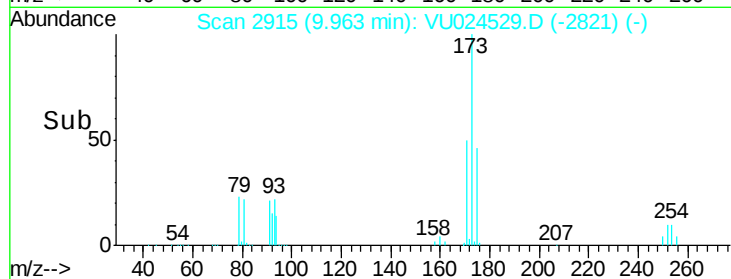
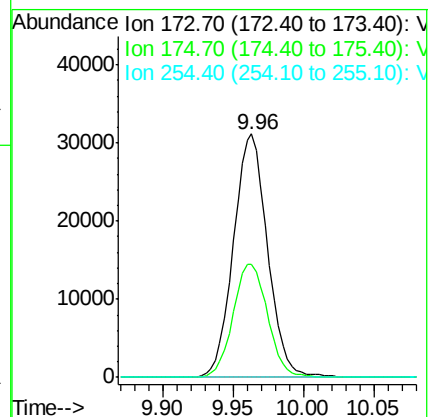
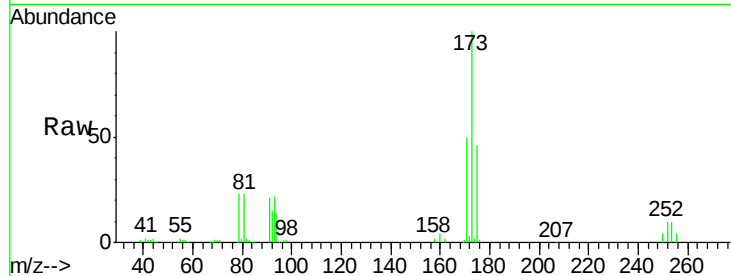
#71
Bromoform
Concen: 19.834 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

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

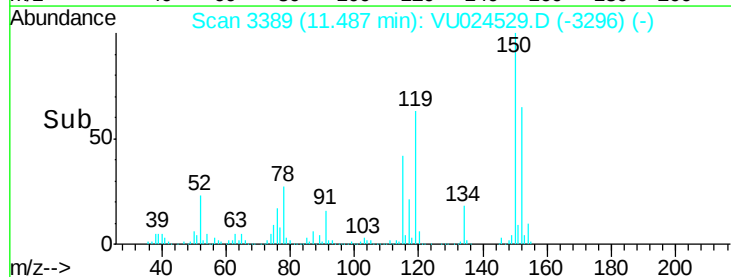
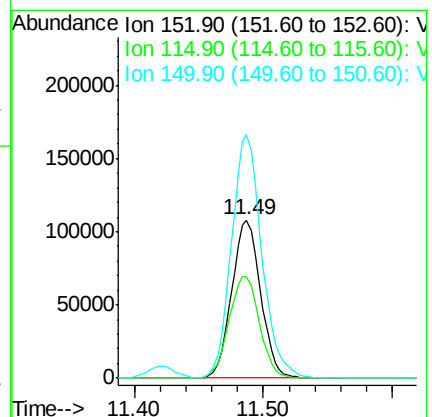
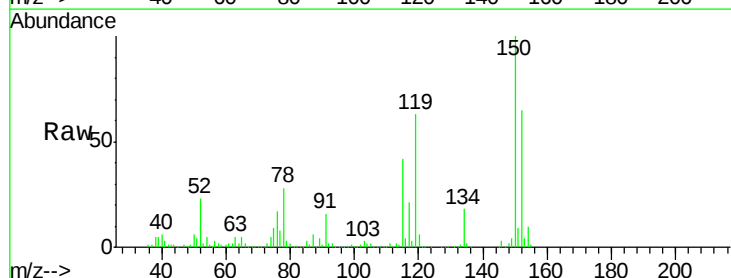
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.8	43.0	129.0
150	161.3	0.0	354.0





#73

Isopropylbenzene

Concen: 19.380 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBSD01

Tot Ion: 105 Resp: 249409

Ion Ratio Lower Upper

105 100

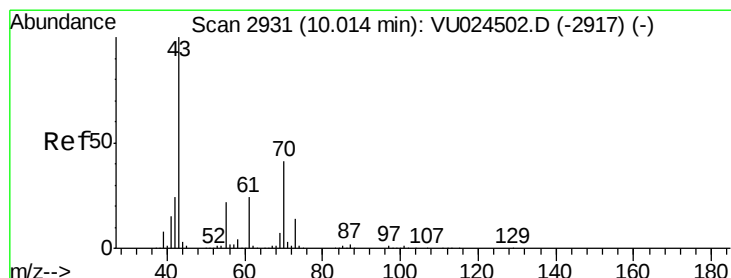
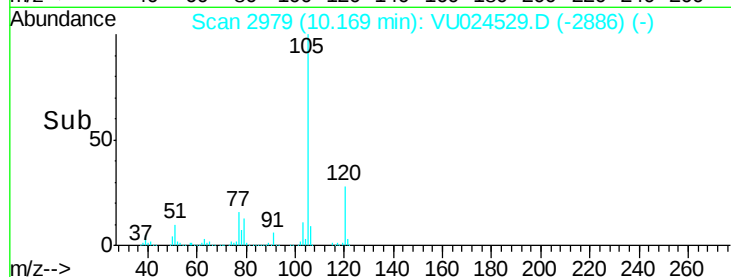
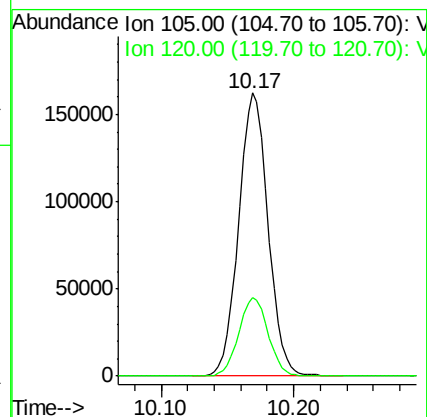
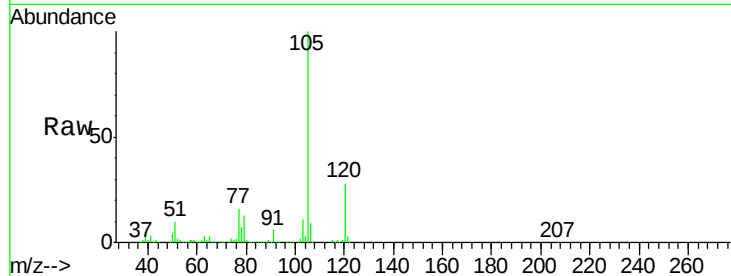
120 27.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.178 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion: 43 Resp: 123512

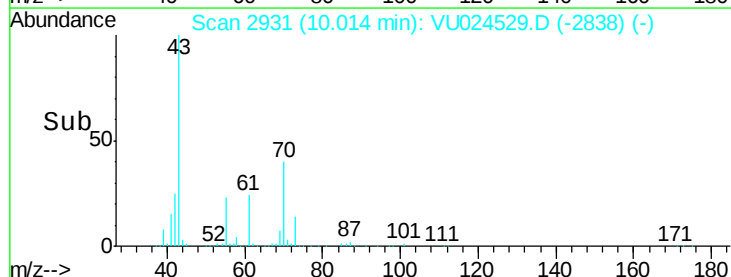
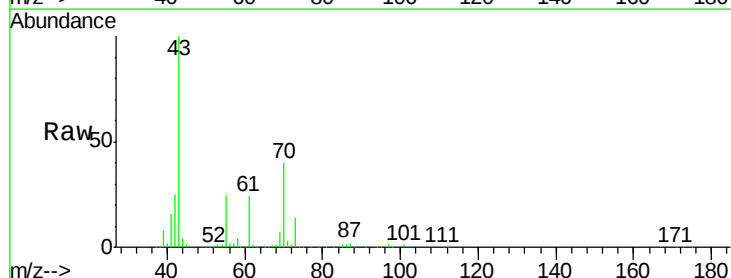
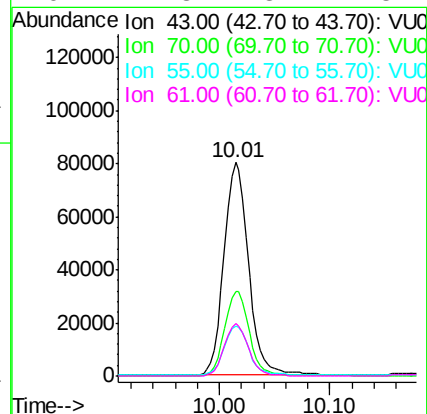
Ion Ratio Lower Upper

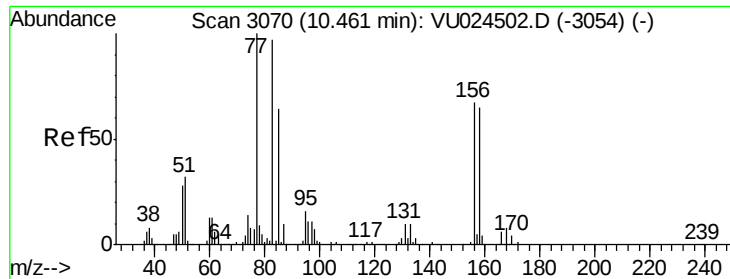
43 100

70 39.6 32.2 48.4

55 22.8 20.5 30.7

61 24.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.638 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBSD01

Tot Ion: 83 Resp: 89004

Ion Ratio Lower Upper

83 100

131 10.3 4.7 14.1

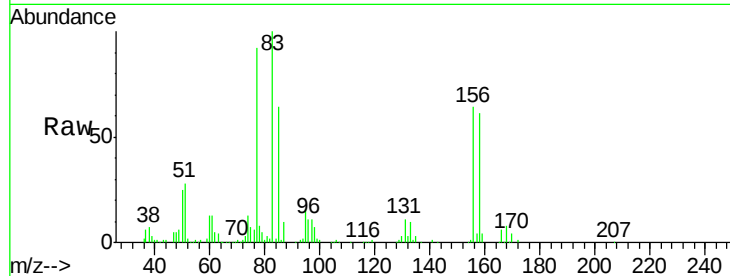
85 64.2 32.5 97.5

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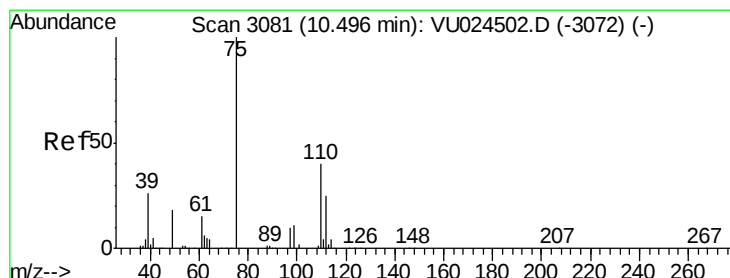
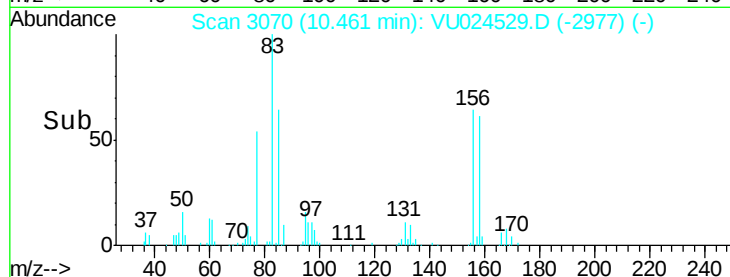
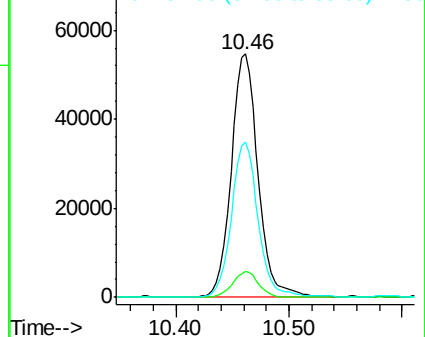
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Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 20.060 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024529.D

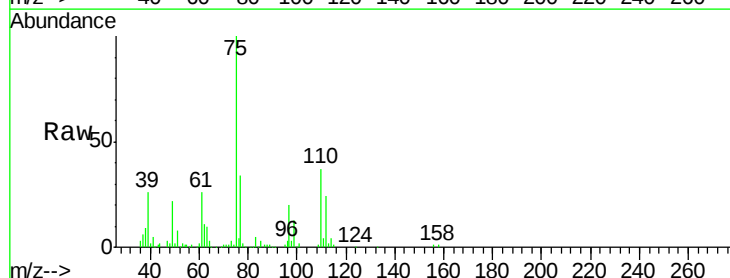
Acq: 14 Jun 2018 11:06

Tgt Ion: 75 Resp: 74028

Ion Ratio Lower Upper

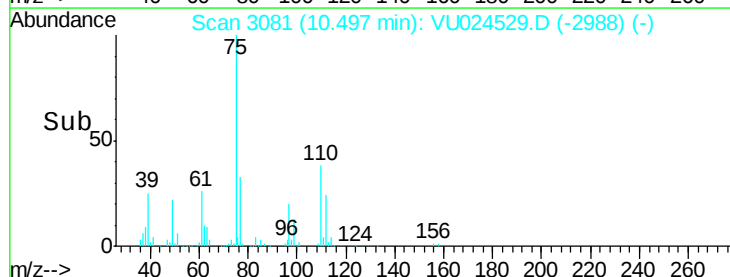
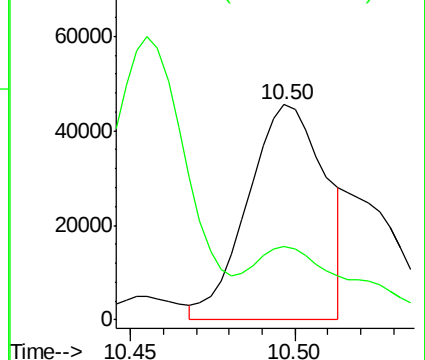
75 100

77 44.3 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 20.109 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

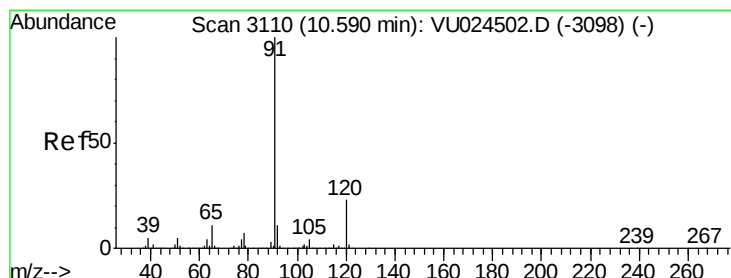
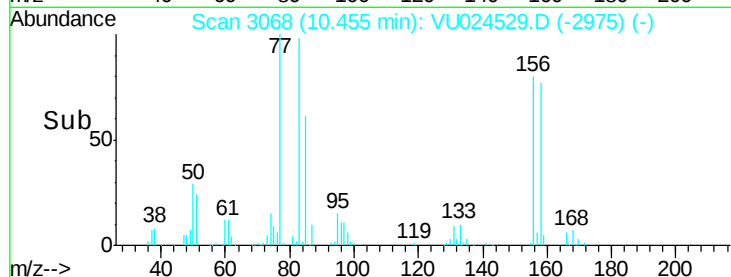
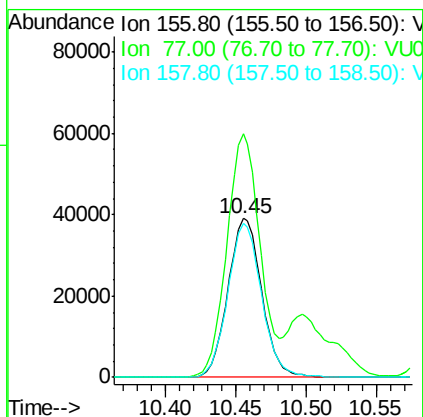
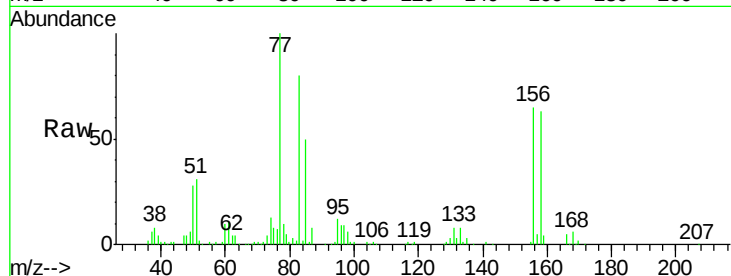
ClientSampleId :

VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.8	80.5	241.3
158	97.1	48.2	144.6

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#78

n-propylbenzene

Concen: 19.727 ug/l

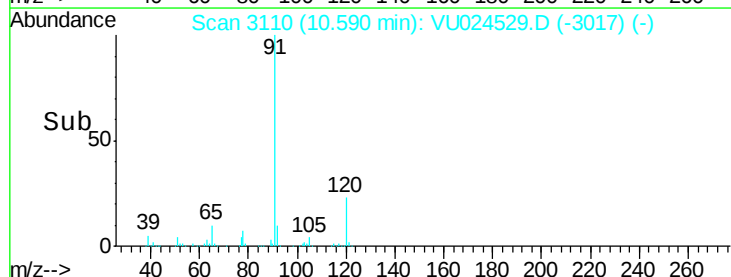
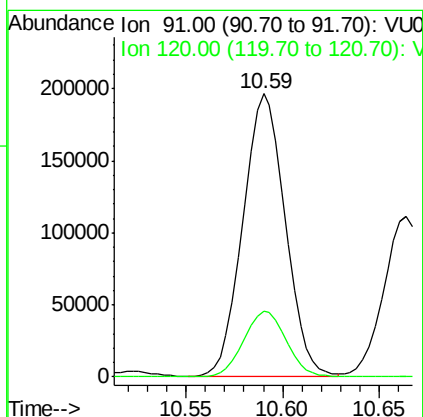
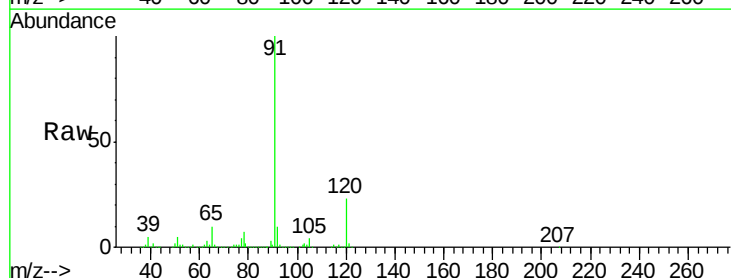
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.2	33.5





#79

2-Chlorotoluene

Concen: 19.560 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBSD01

Tot Ion: 91 Resp: 174866

Ion Ratio Lower Upper

91 100

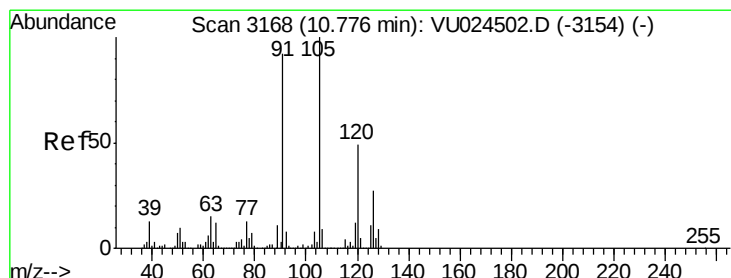
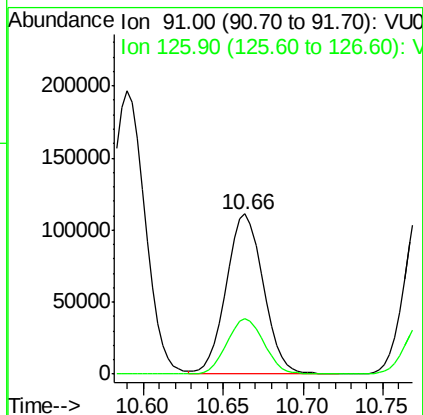
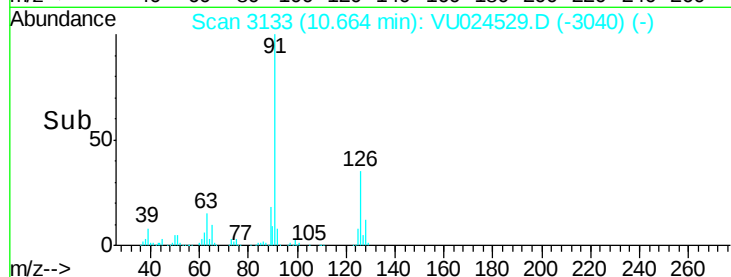
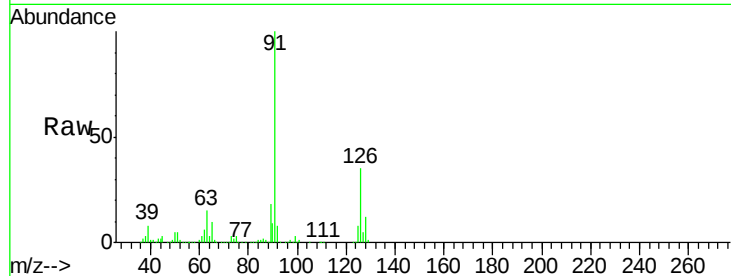
126 35.0 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.307 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024529.D

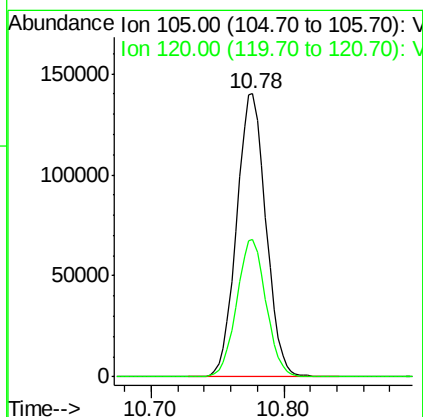
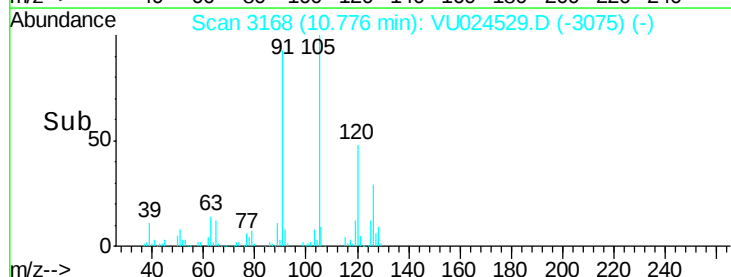
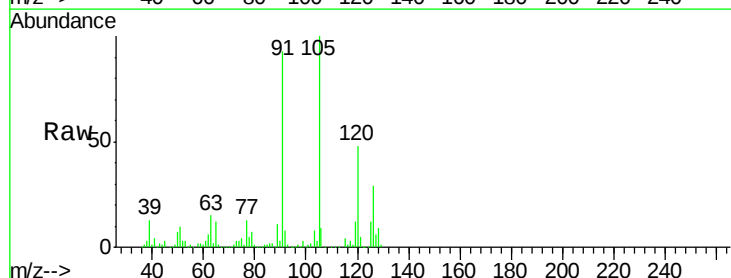
Acq: 14 Jun 2018 11:06

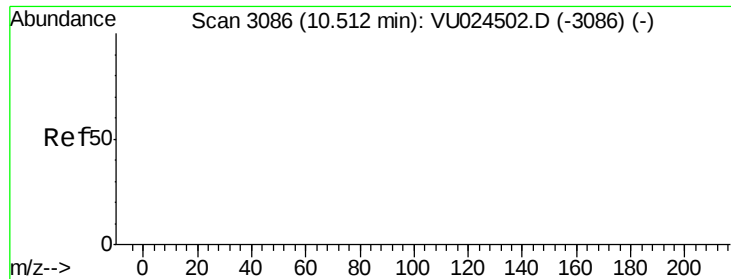
Tgt Ion: 105 Resp: 215355

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





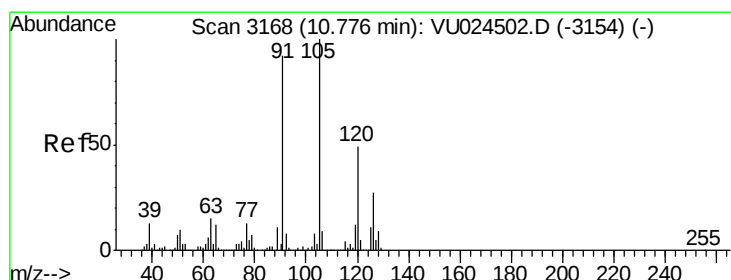
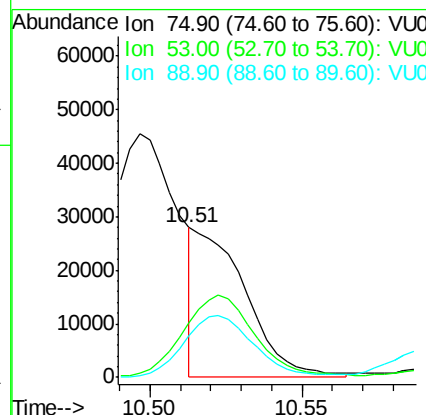
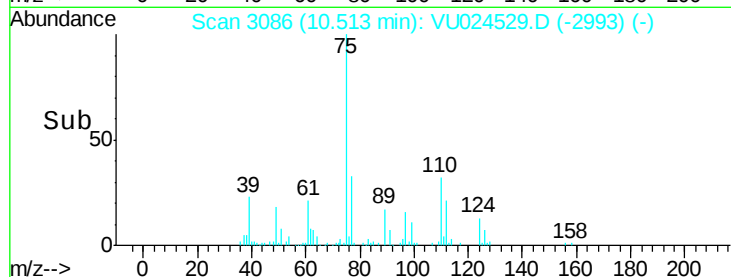
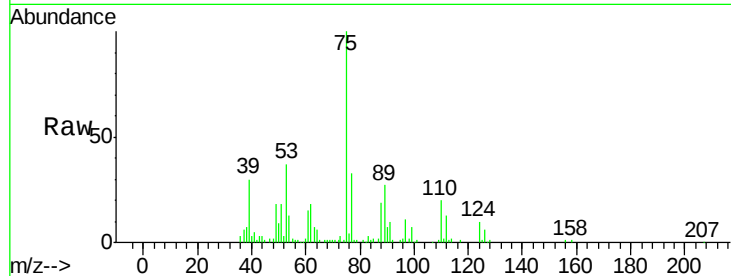
#81
trans-1,4-Dichloro-2-butene
Concen: 20.293 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

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

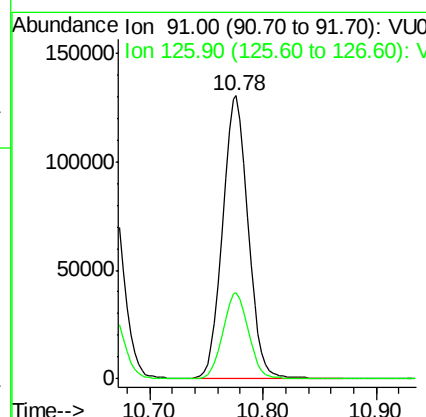
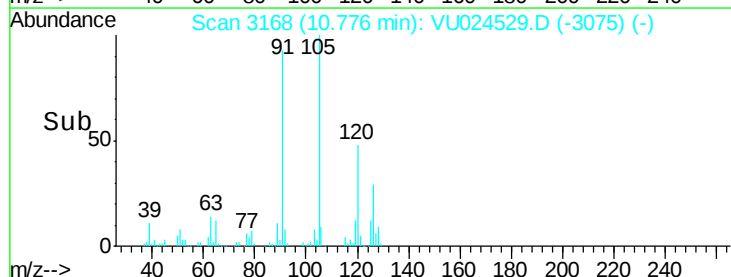
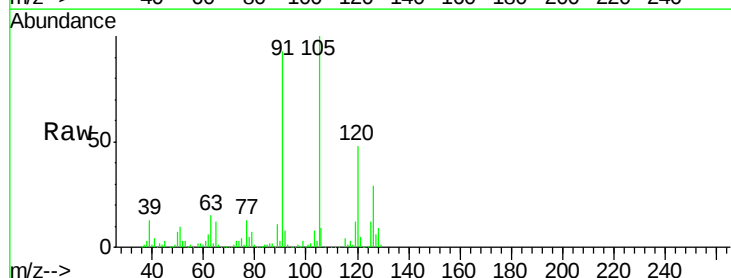
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#82
4-Chlorotoluene
Concen: 19.597 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	14.9	44.9





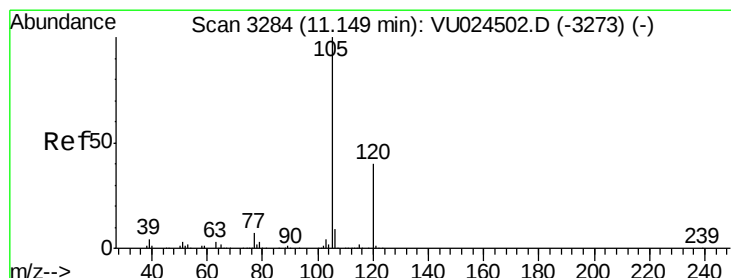
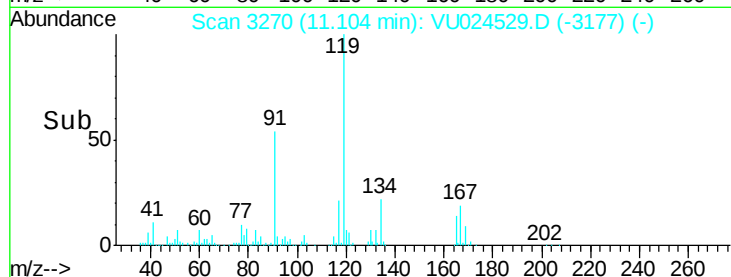
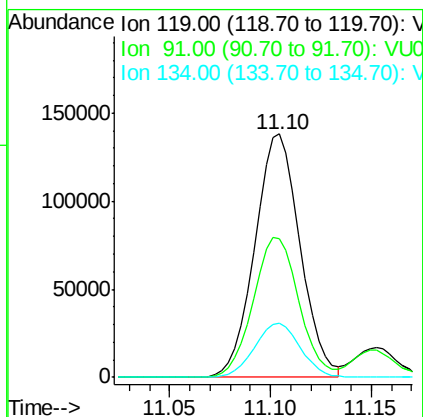
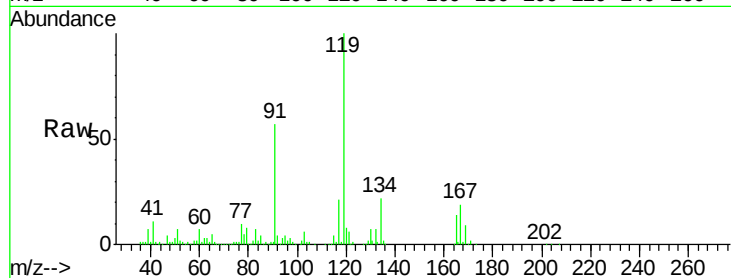
#83
tert-Butylbenzene
Concen: 20.132 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	29.7	89.1
134	22.5	11.6	34.7

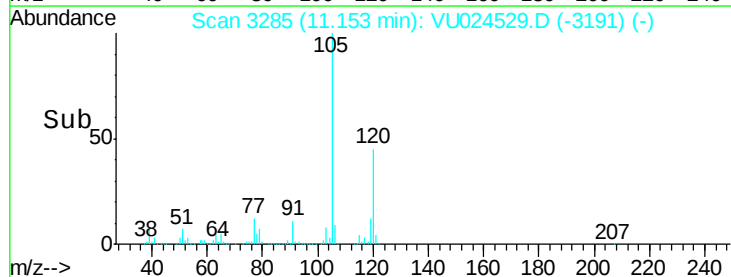
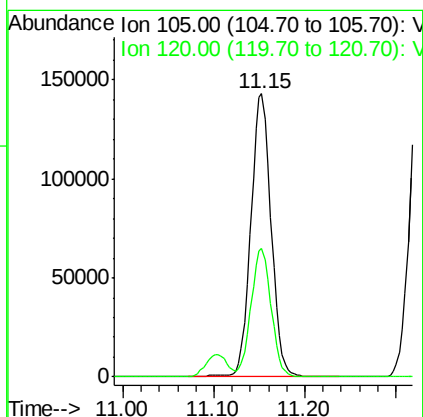
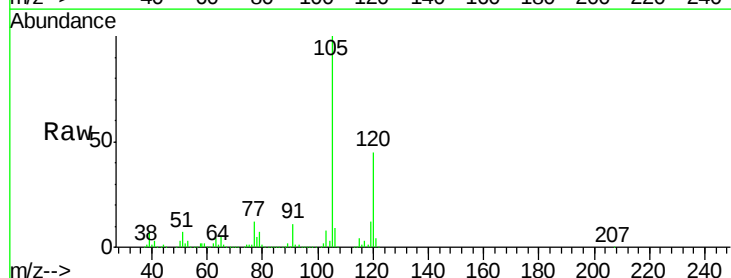
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#84
1,2,4-Trimethylbenzene
Concen: 19.503 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.544 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBSD01

Tot Ion:105 Resp: 262493

Ion Ratio Lower Upper

105 100

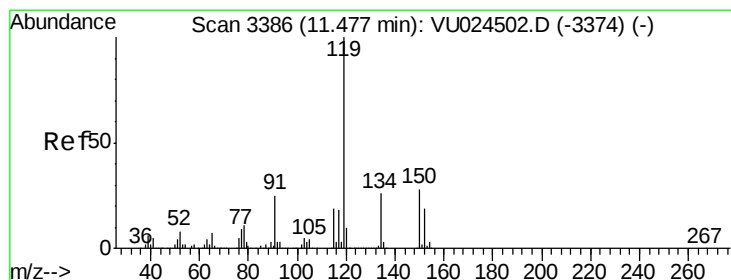
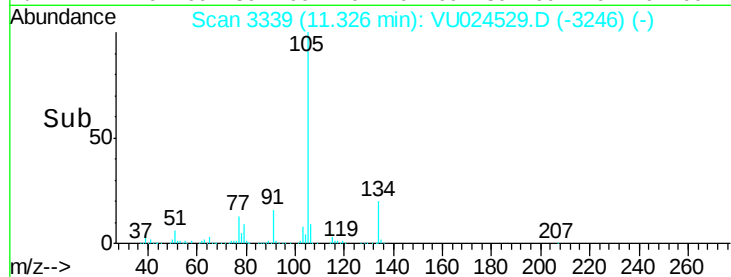
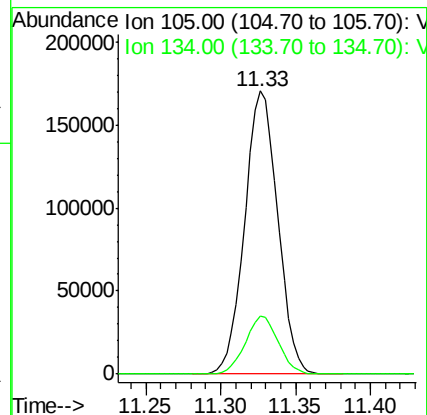
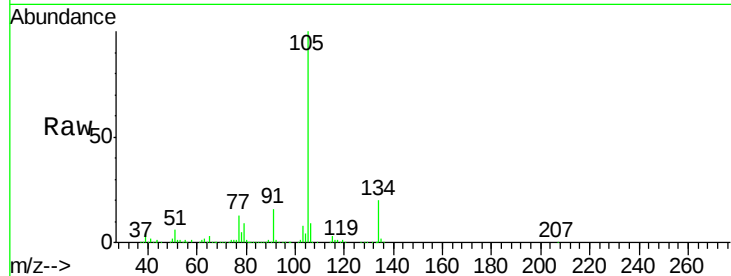
134 20.5 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 19.217 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

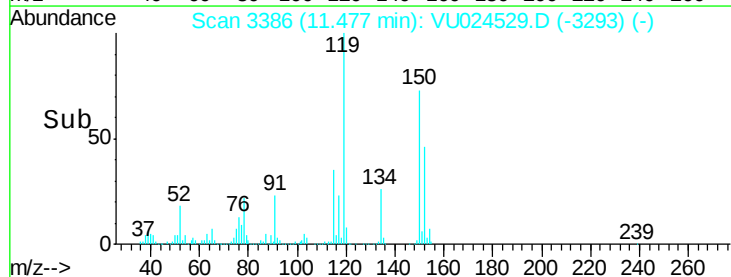
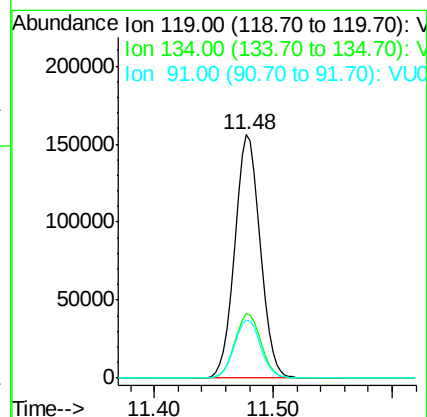
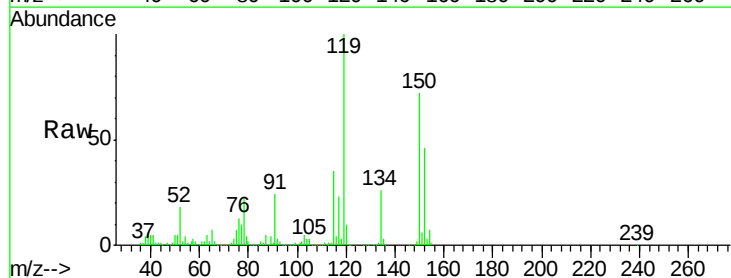
Tgt Ion:119 Resp: 231154

Ion Ratio Lower Upper

119 100

134 27.1 12.9 38.6

91 24.6 12.0 36.1





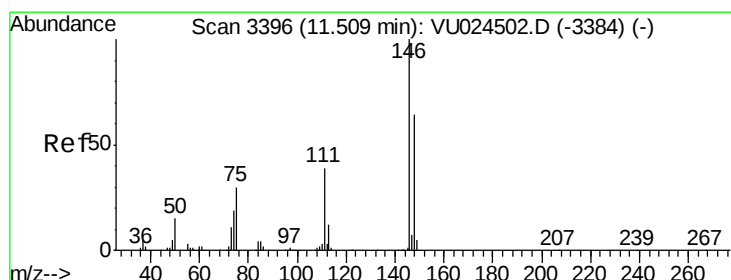
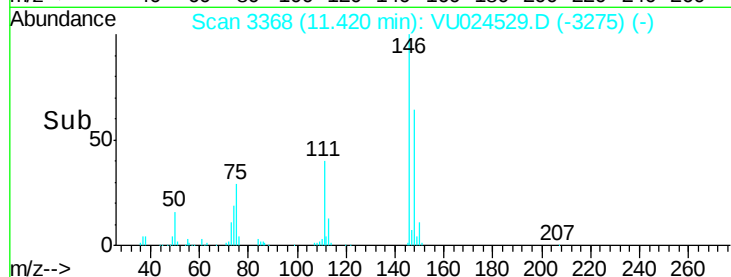
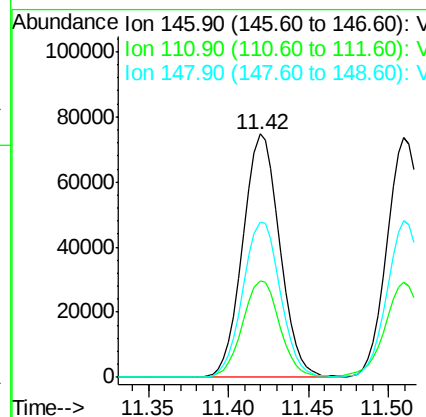
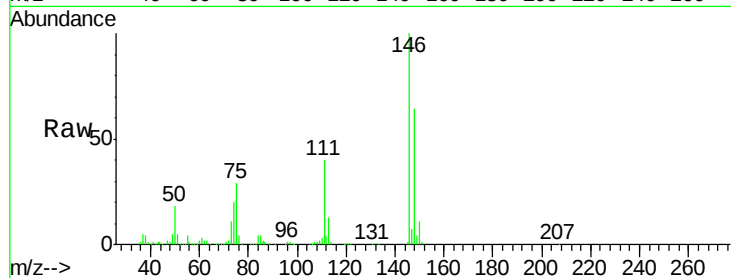
#87
 1,3-Dichlorobenzene
 Concen: 19.529 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.9	32.1	96.5

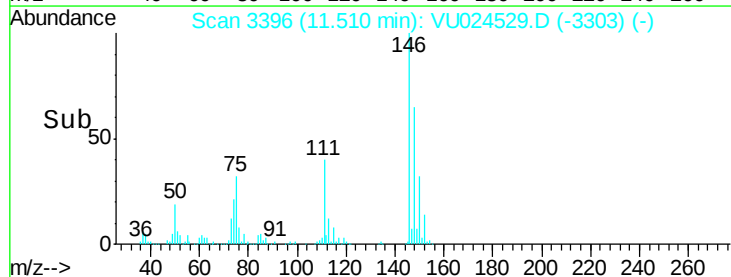
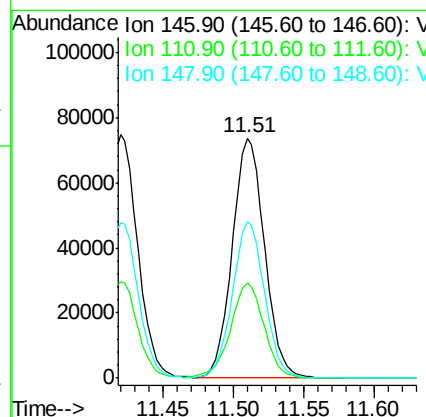
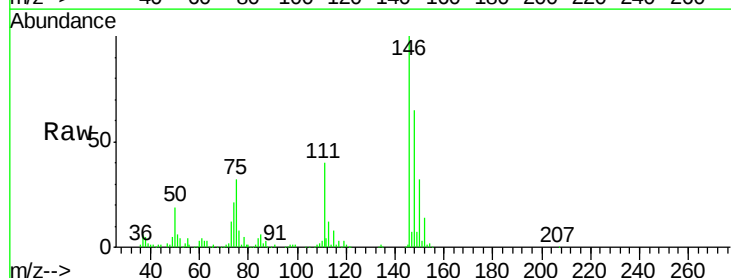
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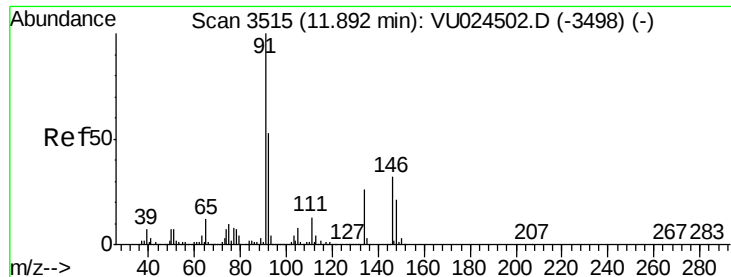
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#88
 1,4-Dichlorobenzene
 Concen: 19.430 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.5	58.5
148	65.3	32.4	97.0





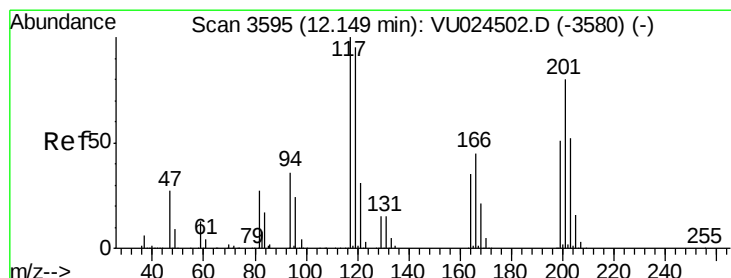
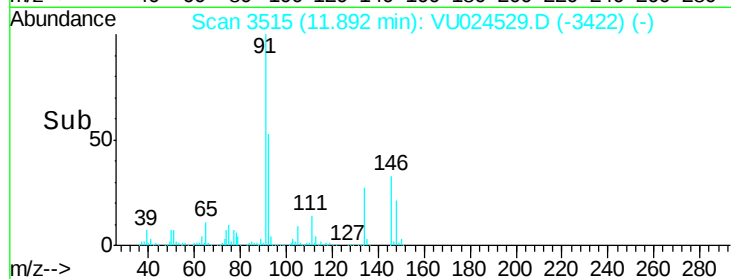
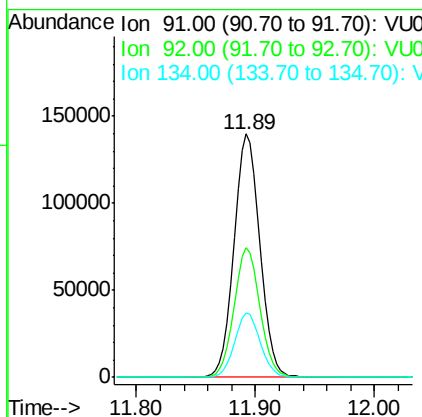
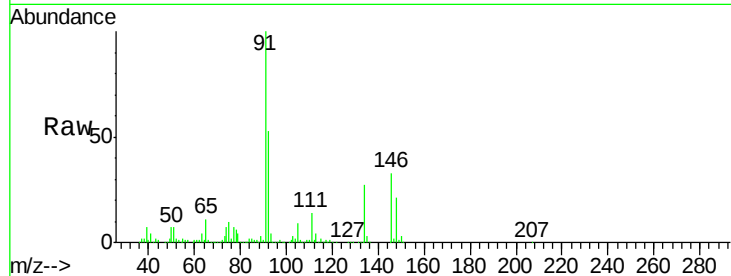
#89
n-Butylbenzene
Concen: 19.699 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	25.6	76.8
134	26.2	12.3	36.8

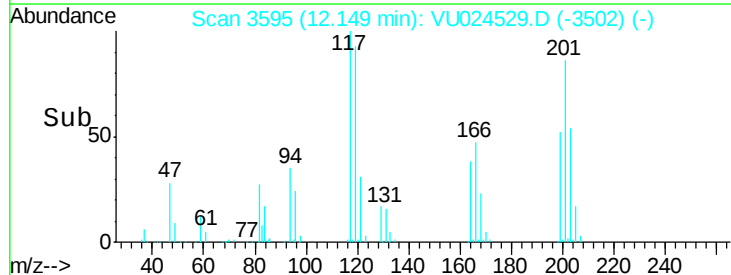
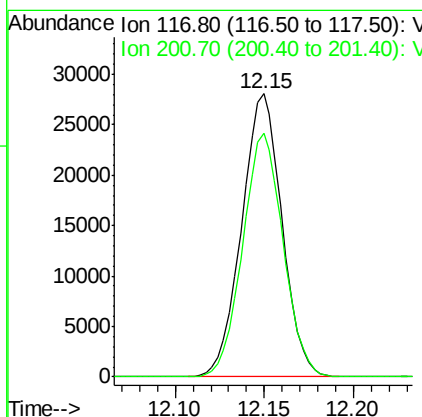
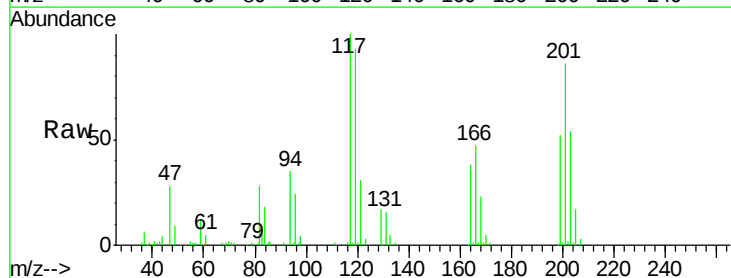
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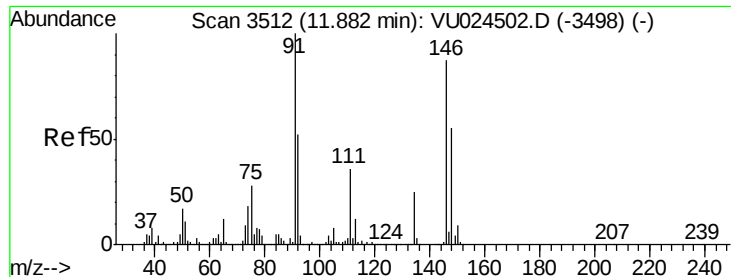
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#90
Hexachloroethane
Concen: 18.916 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024529.D
Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	41.1	123.3





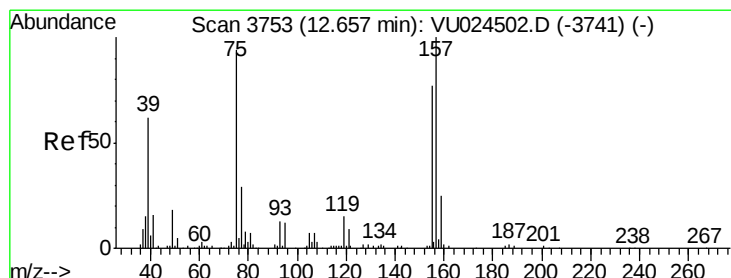
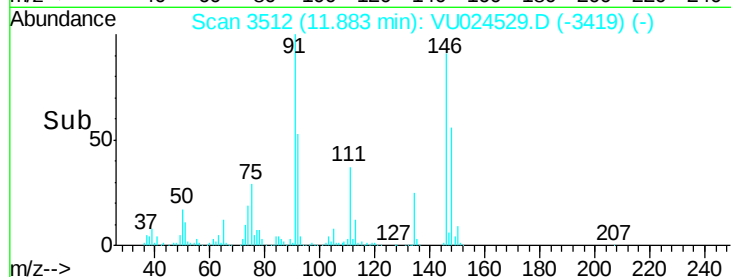
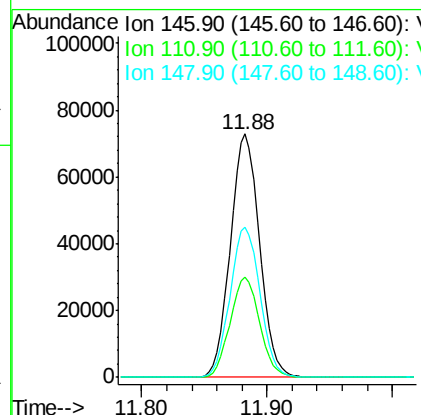
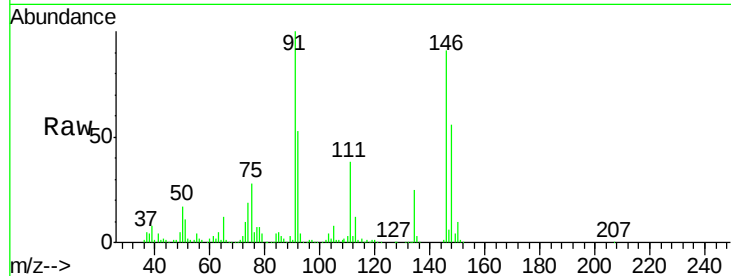
#91
 1,2-Dichlorobenzene
 Concen: 19.514 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.6
148	63.4	31.9	95.7

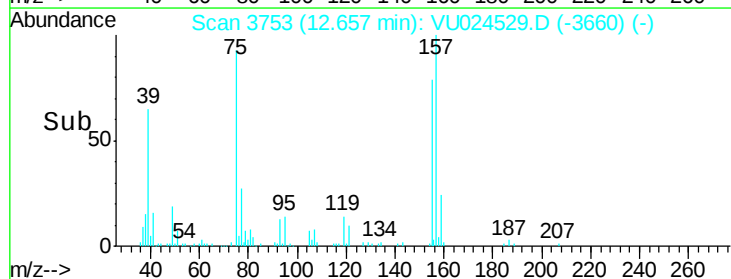
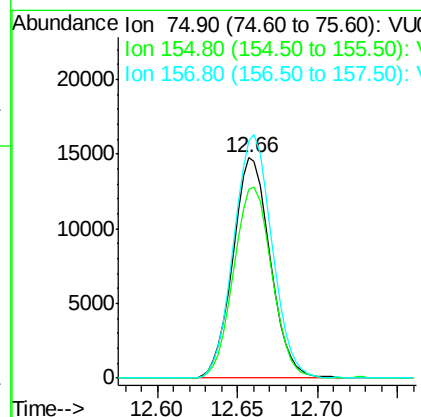
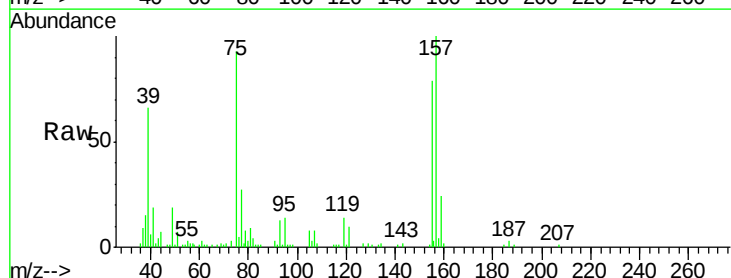
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.773 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU024529.D
 Acq: 14 Jun 2018 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	40.4	121.2
157	112.6	52.3	156.8





#93

1,2,4-Trichlorobenzene

Concen: 21.361 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

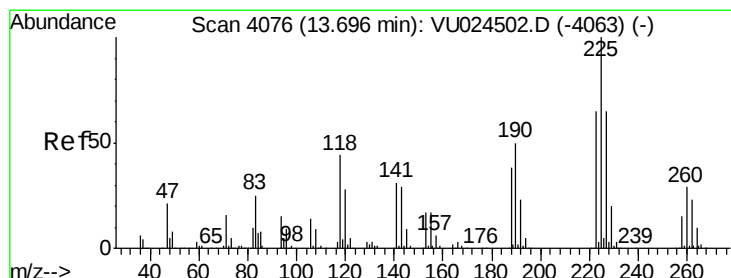
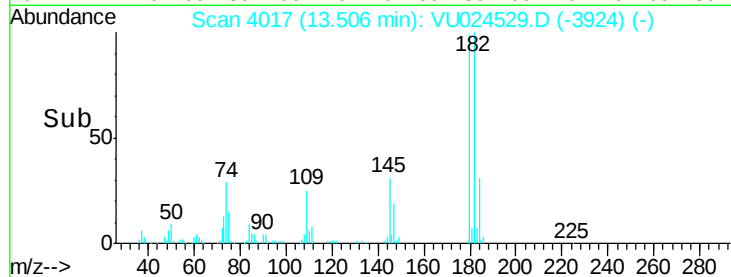
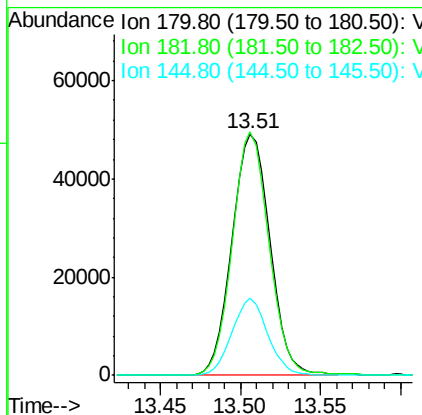
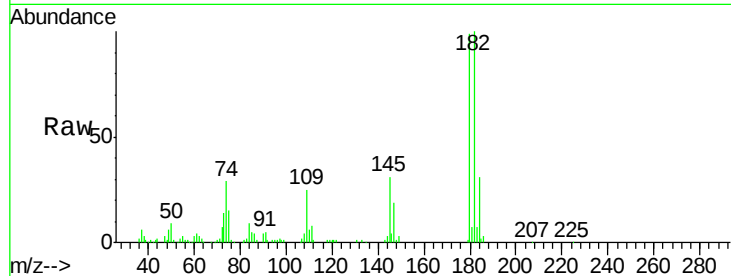
ClientSampleId :

VU0614WBSD01

Tot Ion:	180	Resp:	79528
Ion Ratio	Lower	Upper	
180	100		
182	97.3	48.0	144.2
145	30.1	14.7	44.1

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#94

Hexachlorobutadiene

Concen: 20.358 ug/l

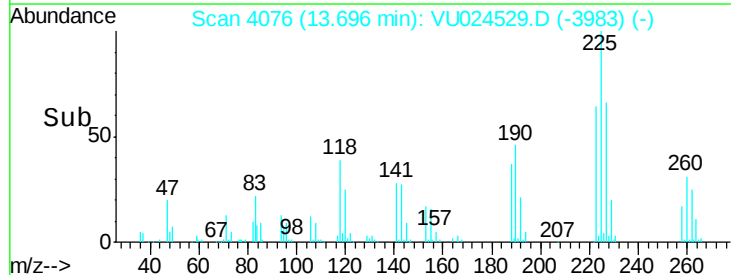
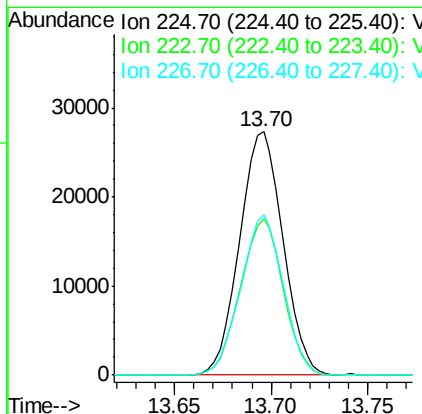
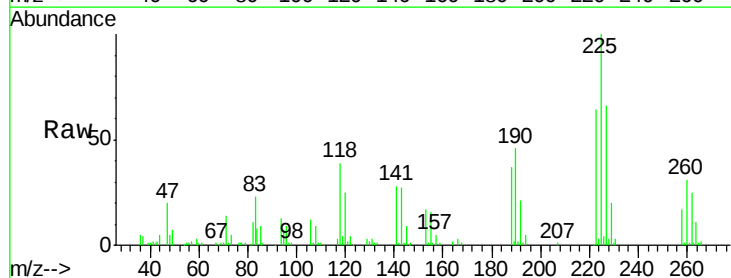
RT: 13.70 min Scan# 4076

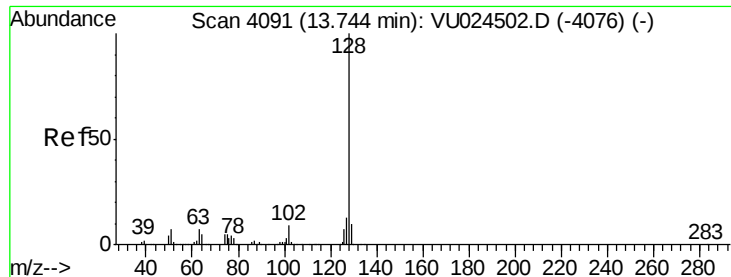
Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion:	225	Resp:	42661
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.3	93.8
227	64.1	31.8	95.4





#95

Naphthalene

Concen: 20.357 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Instrument :

MSVOA_U

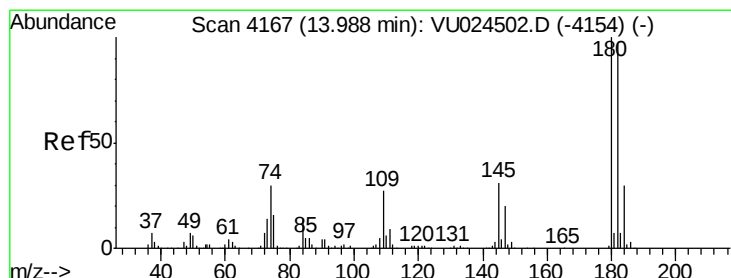
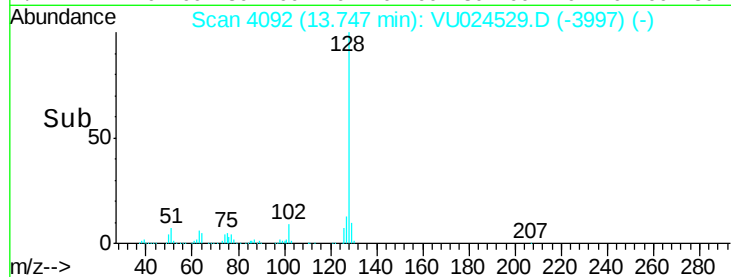
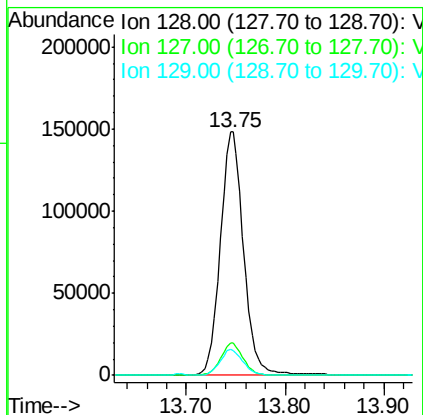
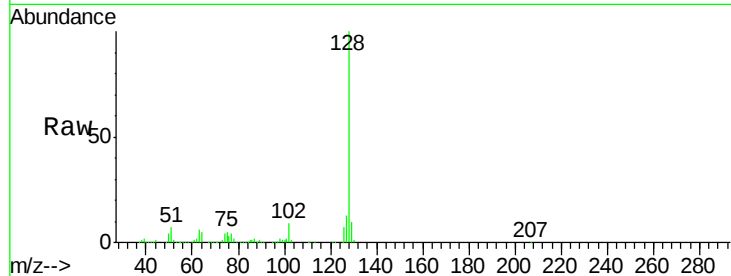
ClientSampleId :

VU0614WBSD01

Tot Ion:	128	Resp:	245875
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	10.4	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 21.611 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024529.D

Acq: 14 Jun 2018 11:06

Tgt Ion:	180	Resp:	80172
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.9	143.7
145	31.5	15.4	46.1

