

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024894.D
 Acq On : 25 Jun 2018 23:24
 Operator : MD/SY
 Sample : VU0625MBS02
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS02

Manual Integrations
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 6/27/2018 11:20:26 AM

Quant Time: Jun 26 07:52:16 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	176358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	271872	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	132575	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
35) Dibromofluoromethane	4.89	113	105894	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
50) Toluene-d8	7.57	98	365404	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
62) 4-Bromofluorobenzene	10.31	95	146187	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38408	17.40	ug/l	97
3) Chloromethane	1.33	50	39574	17.55	ug/l	100
4) Vinyl Chloride	1.40	62	43705	18.79	ug/l	97
5) Bromomethane	1.62	94	27652	24.59	ug/l	100
6) Chloroethane	1.70	64	28312	21.18	ug/l	99
7) Trichlorofluoromethane	1.89	101	71627	20.18	ug/l	99
8) Diethyl Ether	2.10	74	27934	22.08	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42312	19.22	ug/l	99
10) Methyl Iodide	2.41	142	37079	23.08	ug/l	99
11) Tert butyl alcohol	2.82	59	68608	97.98	ug/l	99
12) 1,1-Dichloroethene	2.28	96	38687	19.27	ug/l	93
13) Acrolein	2.19	56	18909	51.42	ug/l	97
14) Allyl chloride	2.60	41	66408	17.81	ug/l	99
15) Acrylonitrile	2.94	53	137798	101.15	ug/l	99
16) Acetone	2.32	43	130398	84.29	ug/l	100
17) Carbon Disulfide	2.48	76	103274	16.06	ug/l	99
18) Methyl Acetate	2.62	43	73119	22.05	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	154509	20.47	ug/l	96
20) Methylene Chloride	2.70	84	51252	21.12	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	41225	18.64	ug/l	96
22) Diisopropyl ether	3.57	45	148787	20.13	ug/l	95
23) Vinyl Acetate	3.53	43	627051	94.71	ug/l	98
24) 1,1-Dichloroethane	3.45	63	86263	20.29	ug/l	99
25) 2-Butanone	4.26	43	196978	94.80	ug/l	97
26) 2,2-Dichloropropane	4.23	77	68763	17.03	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	50797	19.98	ug/l	98
28) Bromochloromethane	4.55	49	34561	18.45	ug/l	89
29) Tetrahydrofuran	4.63	42	125992	97.91	ug/l	97
30) Chloroform	4.68	83	87206	20.26	ug/l	99
31) Cyclohexane	5.00	56	75066	18.64	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	79278	19.92	ug/l	97
36) 1,1-Dichloropropene	5.14	75	60152	18.83	ug/l	96
37) Ethyl Acetate	4.38	43	74219	21.32	ug/l	98
38) Carbon Tetrachloride	5.14	117	69747	19.85	ug/l	98

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 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)
39) Methylcyclohexane	6.42	83	72734	18.24	ug/l	93
40) Benzene	5.39	78	182817	20.08	ug/l	98
41) Methacrylonitrile	4.54	41	41061	21.87	ug/l	98
42) 1,2-Dichloroethane	5.41	62	75306	21.72	ug/l	100
43) Isopropyl Acetate	5.55	43	118580	19.70	ug/l	99
44) Trichloroethene	6.19	130	50343	19.43	ug/l	99
45) 1,2-Dichloropropane	6.44	63	50481	20.78	ug/l	99
46) Dibromomethane	6.56	93	35565	20.85	ug/l	96
47) Bromodichloromethane	6.76	83	68735	20.23	ug/l	100
48) Methyl methacrylate	6.63	41	59833	20.42	ug/l	96
49) 1,4-Dioxane	6.62	88	29186	509.22	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	388612	102.77	ug/l	99
52) Toluene	7.64	92	116769	19.94	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	71505	18.74	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	74784	18.40	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	48903	20.54	ug/l	98
56) Ethyl methacrylate	8.02	69	81026	20.33	ug/l	99
57) 1,3-Dichloropropane	8.25	76	81766	20.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	79747	52.24	ug/l	95
59) 2-Hexanone	8.36	43	303933	98.45	ug/l	100
60) Dibromochloromethane	8.48	129	56518	19.04	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52445	19.79	ug/l	96
64) Tetrachloroethene	8.23	164	48734	20.17	ug/l	98
65) Chlorobenzene	9.12	112	133326	20.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51472	20.86	ug/l	98
67) Ethyl Benzene	9.25	91	228535	20.07	ug/l	98
68) m/p-Xylenes	9.38	106	177611	40.63	ug/l	98
69) o-Xylene	9.78	106	88192	20.38	ug/l	97
70) Styrene	9.80	104	143641	20.20	ug/l	98
71) Bromoform	9.96	173	44517	18.98	ug/l #	99
73) Isopropylbenzene	10.17	105	236734	20.99	ug/l	100
74) N-amyl acetate	10.01	43	105000	19.57	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	82725	21.89	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	74680m	23.09	ug/l	
77) Bromobenzene	10.45	156	61040	21.38	ug/l	94
78) n-propylbenzene	10.59	91	265202	19.96	ug/l	98
79) 2-Chlorotoluene	10.66	91	164308	20.97	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	202618	20.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	24161m	17.29	ug/l	
82) 4-Chlorotoluene	10.78	91	185906	20.39	ug/l	98
83) tert-Butylbenzene	11.10	119	206025	21.91	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	205300	20.61	ug/l	100
85) sec-Butylbenzene	11.33	105	244190	20.74	ug/l	98
86) p-Isopropyltoluene	11.48	119	211302	20.04	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	106638	20.21	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	108795	20.49	ug/l	99
89) n-Butylbenzene	11.89	91	170607	18.23	ug/l	98
90) Hexachloroethane	12.15	117	38959	18.94	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	113509	21.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20971	20.11	ug/l	94

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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	70212	21.52	ug/l	99
94) Hexachlorobutadiene	13.70	225	37456	20.39	ug/l	98
95) Naphthalene	13.74	128	237466	22.36	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	74607	22.95	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion:168 Resp: 176358

Ion Ratio Lower Upper

168 100

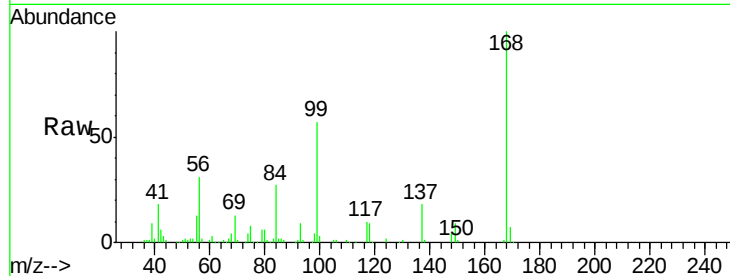
99 56.6 43.2 64.8

Manual Integrations

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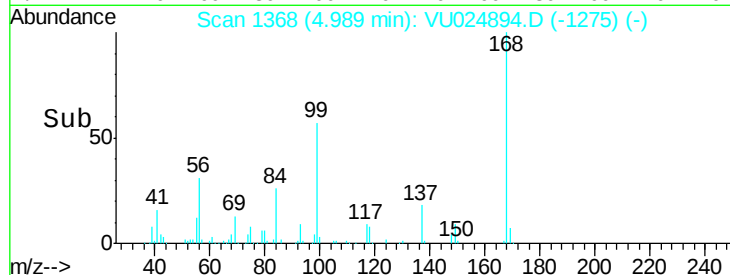
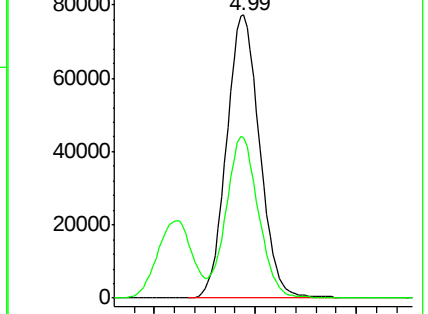
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 17.40 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024894.D

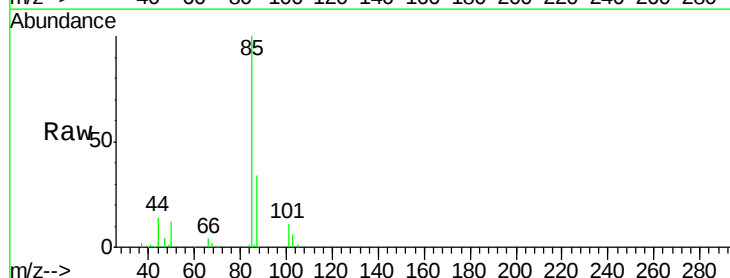
Acq: 25 Jun 2018 23:24

Tgt Ion: 85 Resp: 38408

Ion Ratio Lower Upper

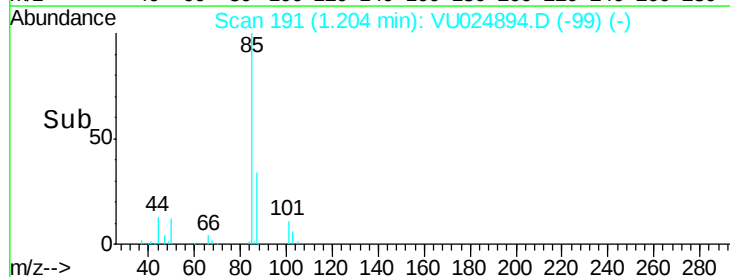
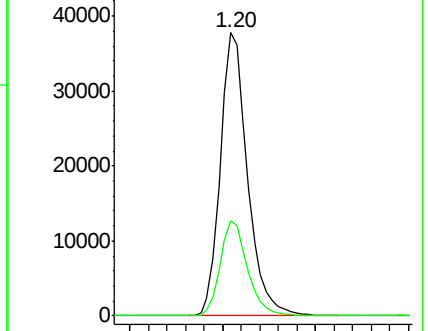
85 100

87 33.5 16.1 48.2



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

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





#3

Chloromethane

Concen: 17.55 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion: 50 Resp: 39574

Ion Ratio Lower Upper

50 100

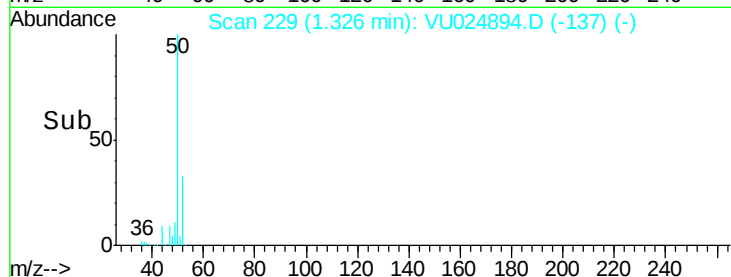
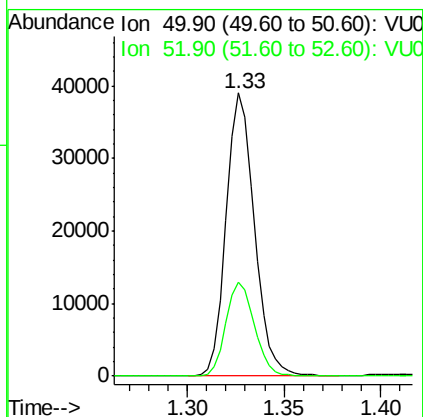
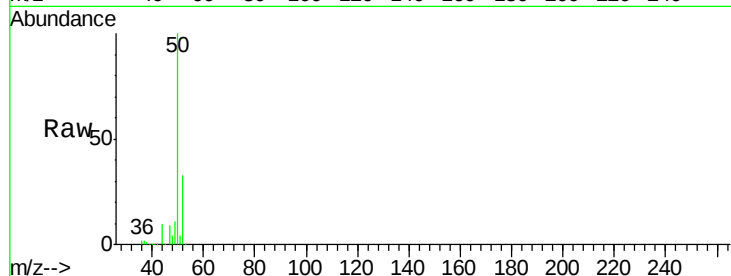
52 33.3 26.4 39.6

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#4

Vinyl Chloride

Concen: 18.79 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024894.D

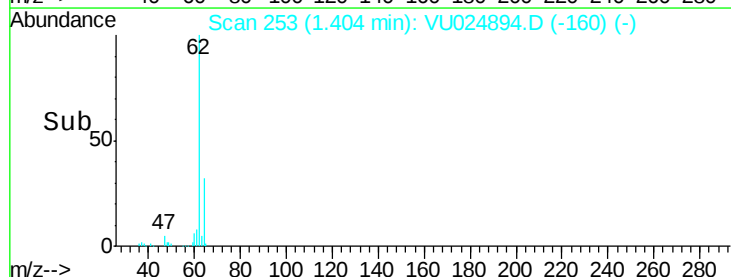
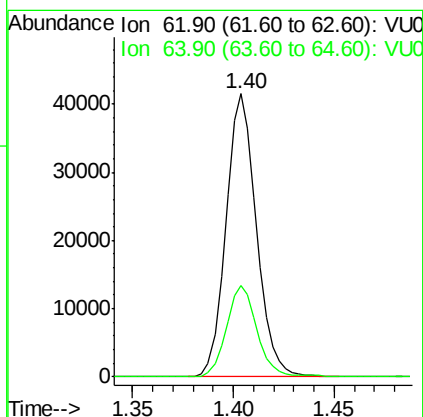
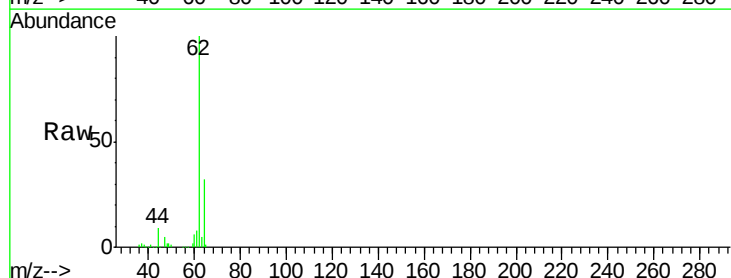
Acq: 25 Jun 2018 23:24

Tgt Ion: 62 Resp: 43705

Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2





#5

Bromomethane

Concen: 24.59 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion: 94 Resp: 27652

Ion Ratio Lower Upper

94 100

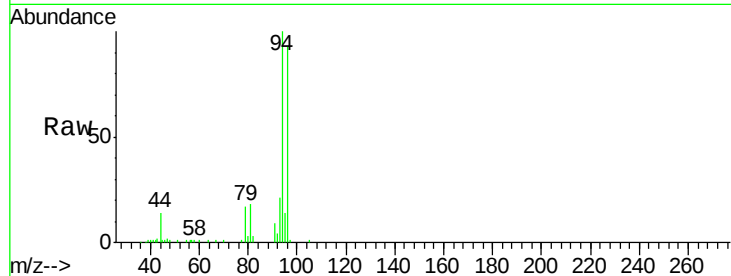
96 93.4 74.5 111.7

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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

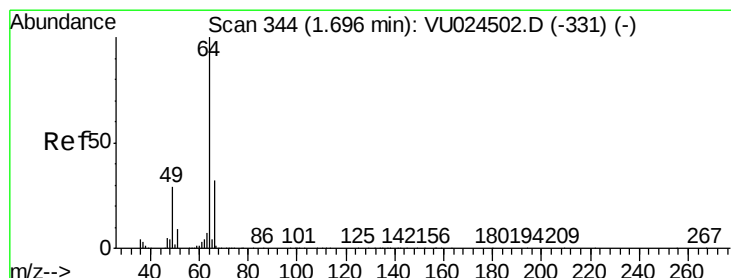
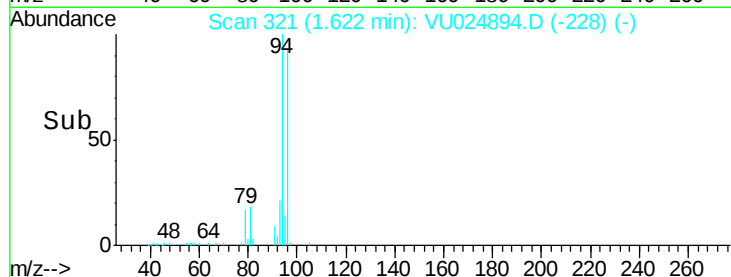
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 21.18 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024894.D

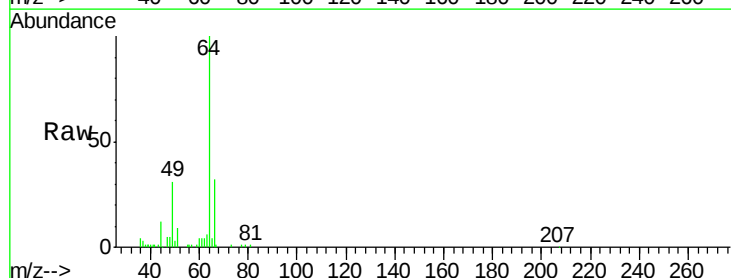
Acq: 25 Jun 2018 23:24

Tgt Ion: 64 Resp: 28312

Ion Ratio Lower Upper

64 100

66 32.2 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

10000

5000

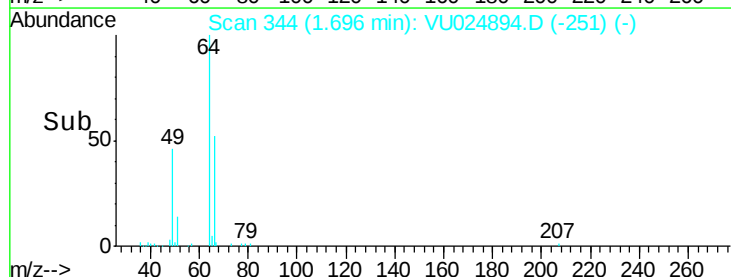
0

Time-->

1.65

1.70

1.75





#7

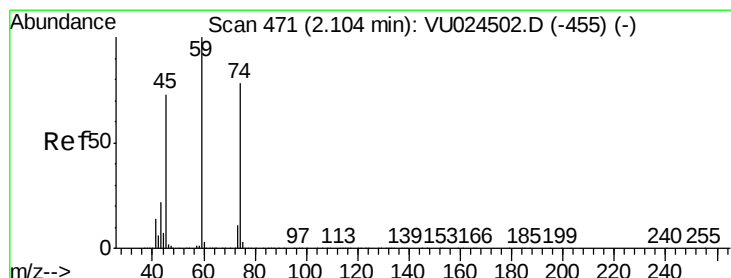
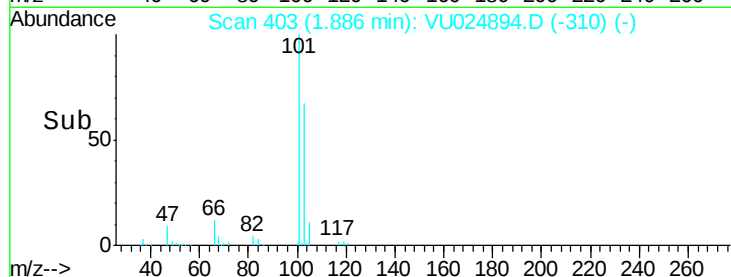
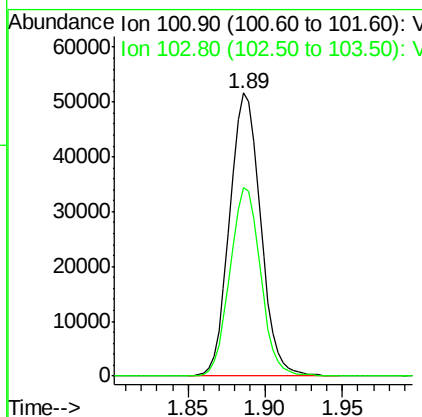
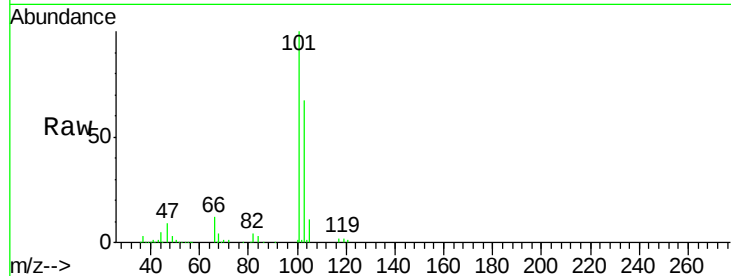
Trichlorofluoromethane
 Concen: 20.18 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Instrument :
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 ClientSampleId :
 VU0625MBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	52.3	78.5

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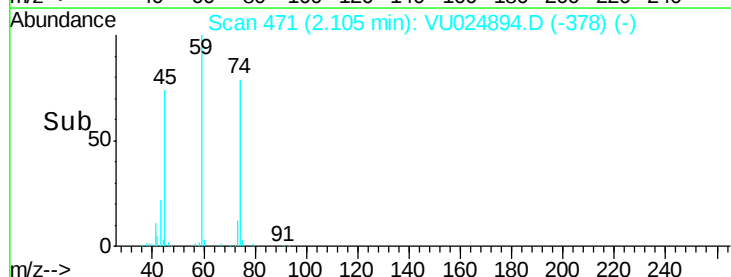
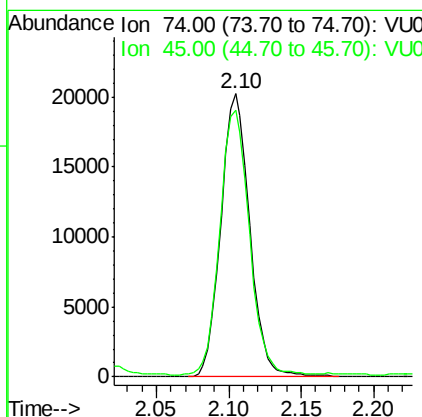
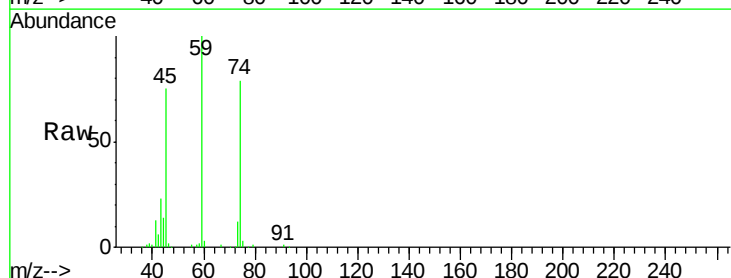
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#8

Diethyl Ether
 Concen: 22.08 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.22 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

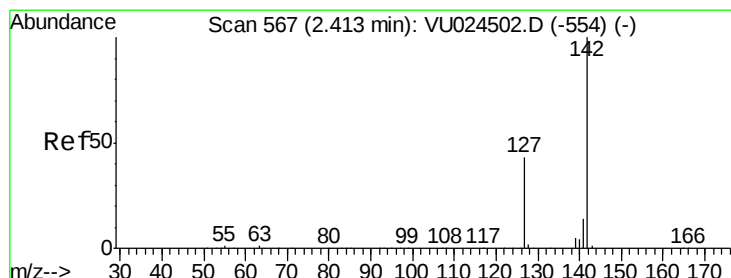
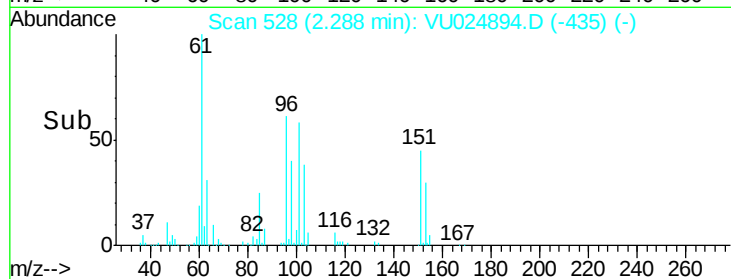
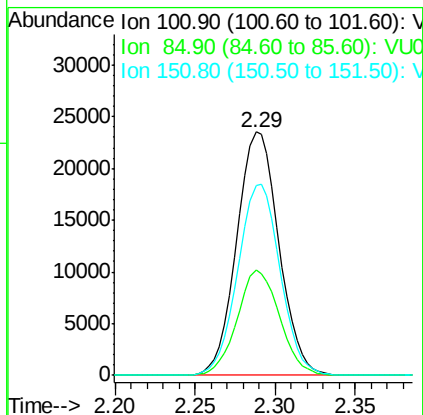
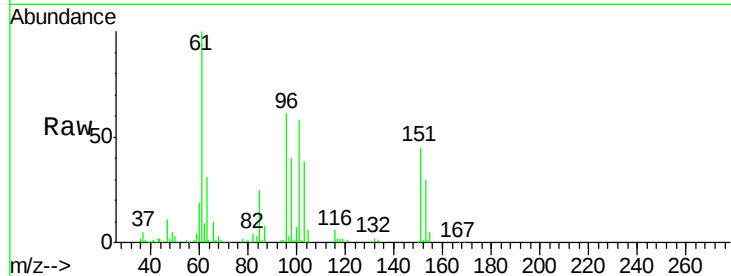
ClientSampleId :

VU0625MBS02

Tot Ion:	101	Resp:	42312
Ion Ratio	Lower	Upper	
101	100		
85	43.3	36.0	54.0
151	78.7	62.3	93.5

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#10

Methyl Iodide

Concen: 23.08 ug/l

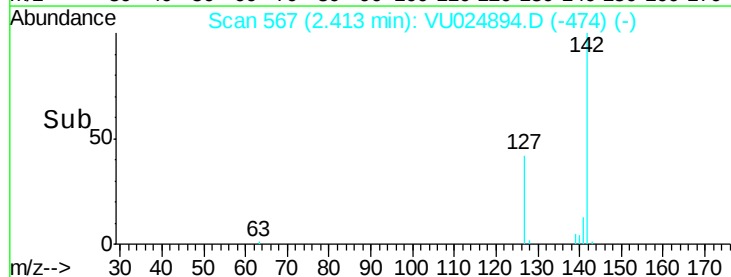
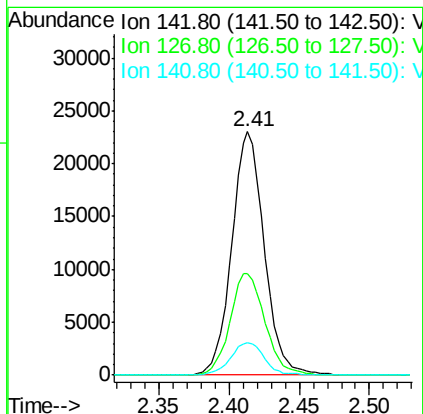
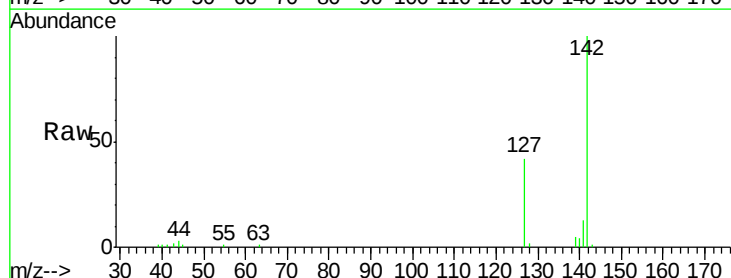
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion:	142	Resp:	37079
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.6	53.4
141	13.8	11.7	17.5





#11

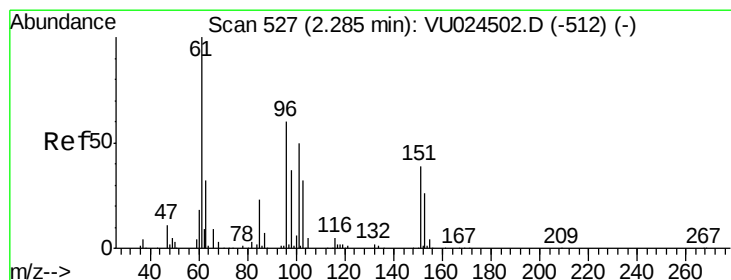
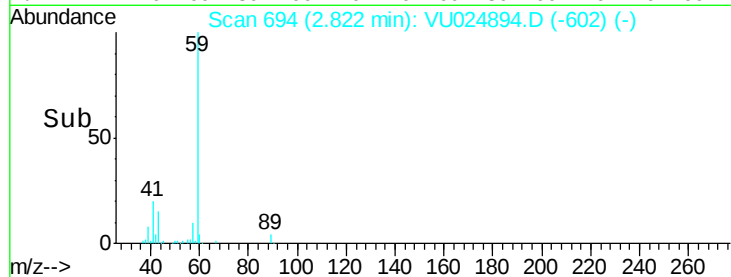
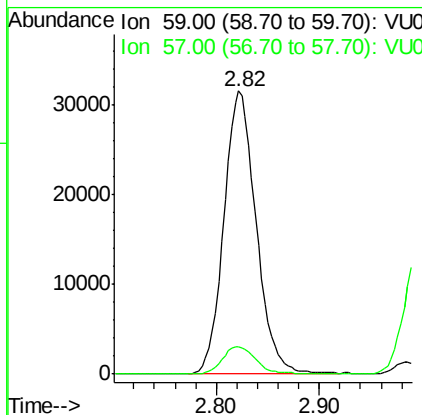
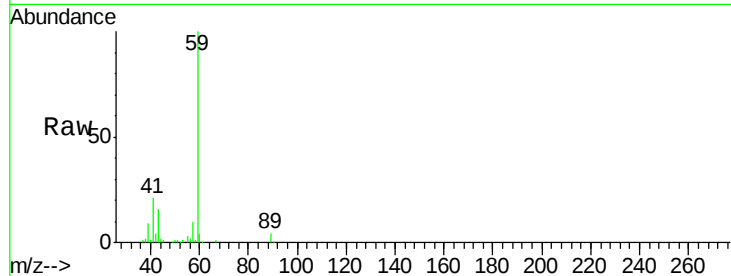
Tert butyl alcohol
 Concen: 97.98 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

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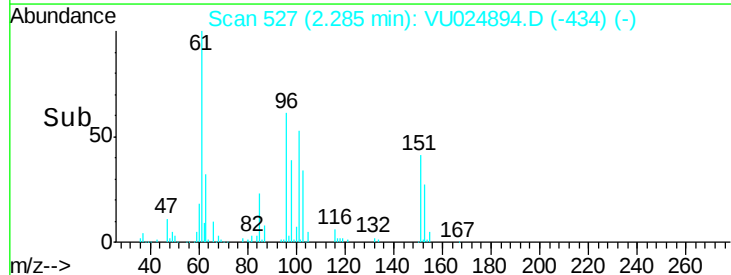
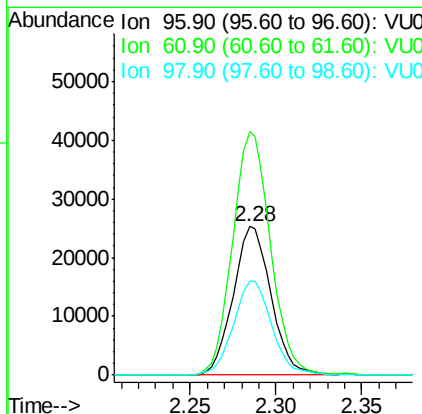
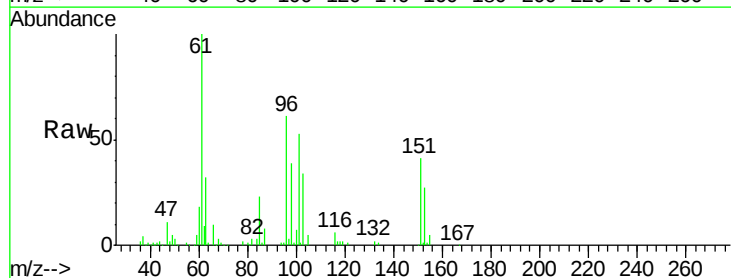
apatel
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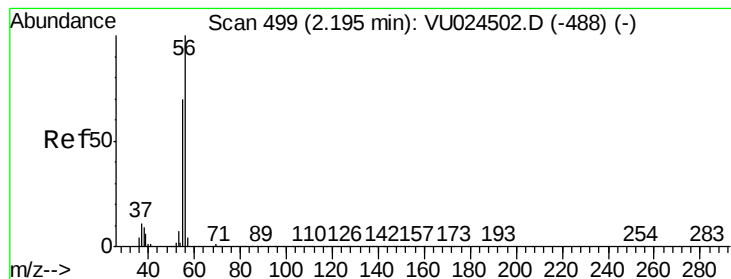


#12

1,1-Dichloroethene
 Concen: 19.27 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.9	141.7	212.5
98	63.4	51.6	77.4





#13

Acrolein

Concen: 51.42 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion: 56 Resp: 18909

Ion Ratio Lower Upper

56 100

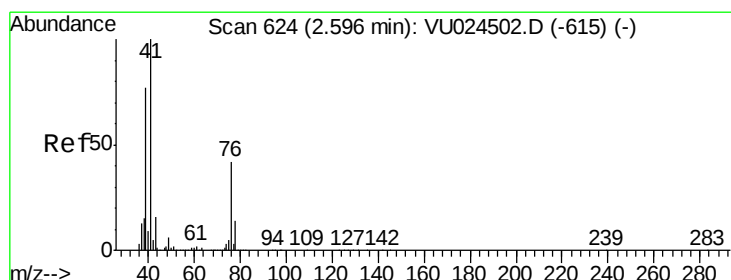
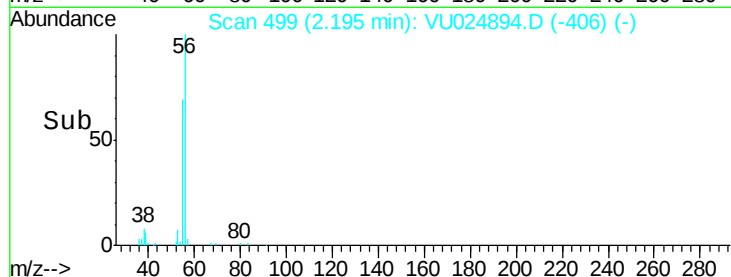
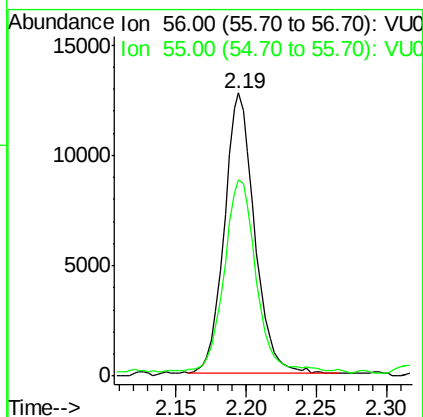
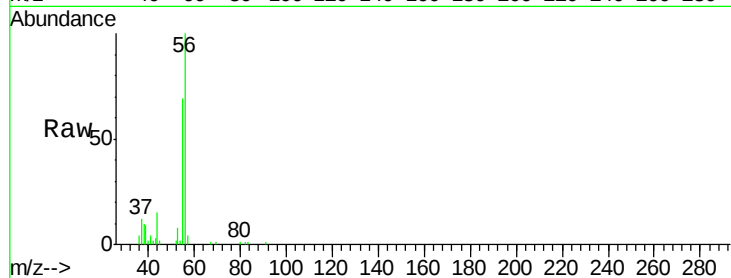
55 70.8 58.4 87.6

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#14

Allyl chloride

Concen: 17.81 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

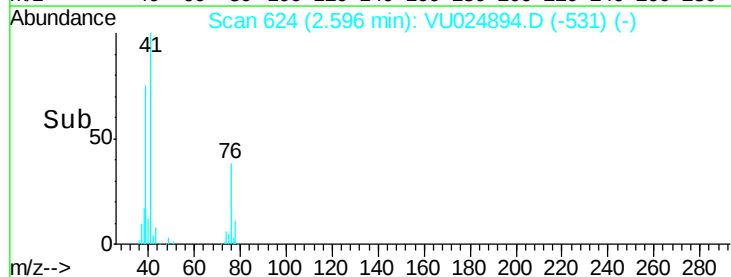
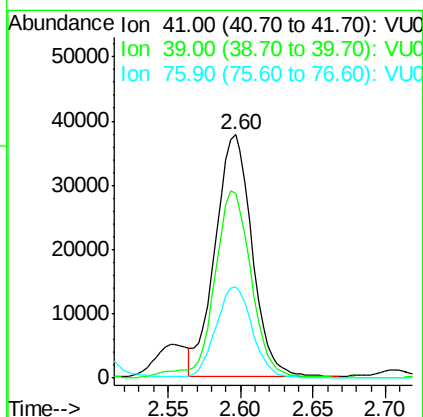
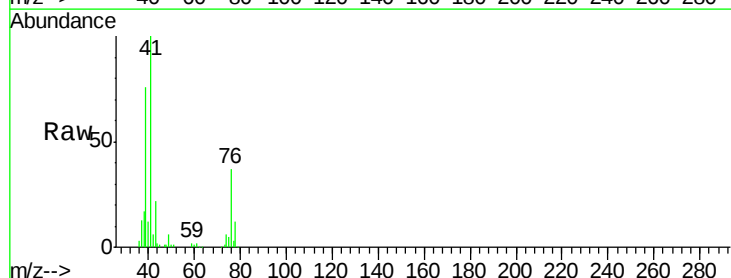
Tgt Ion: 41 Resp: 66408

Ion Ratio Lower Upper

41 100

39 76.5 61.6 92.4

76 37.7 29.7 44.5





#15

Acrylonitrile

Concen: 101.15 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

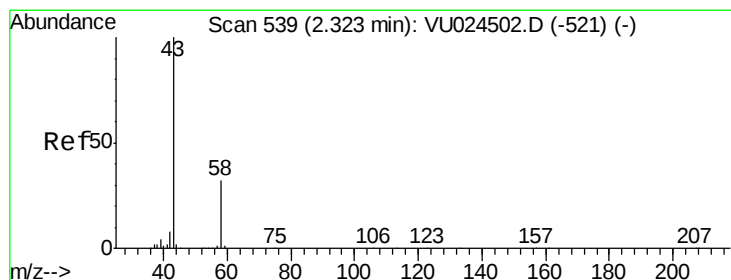
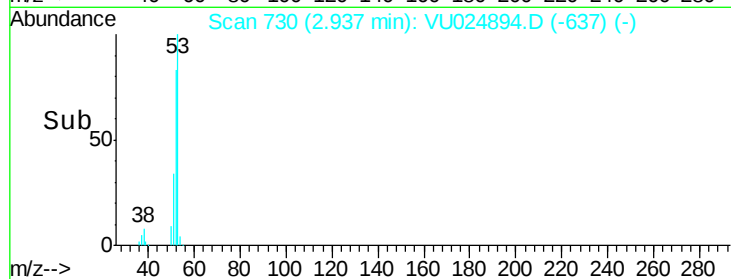
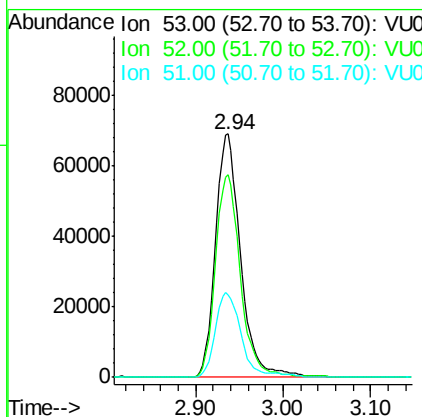
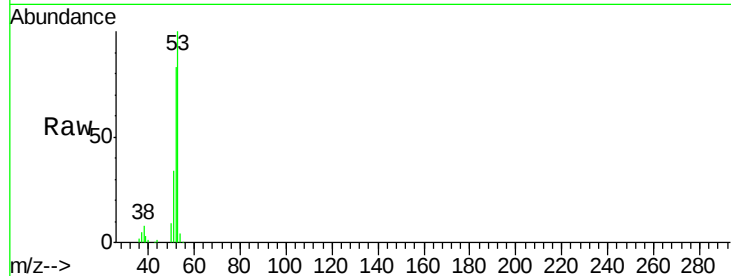
ClientSampleId :

VU0625MBS02

Tot Ion:	53	Resp:	137798
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.1	100.7
51	36.1	28.4	42.6

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#16

Acetone

Concen: 84.29 ug/l

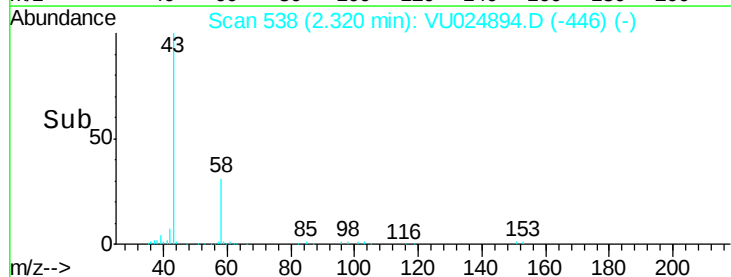
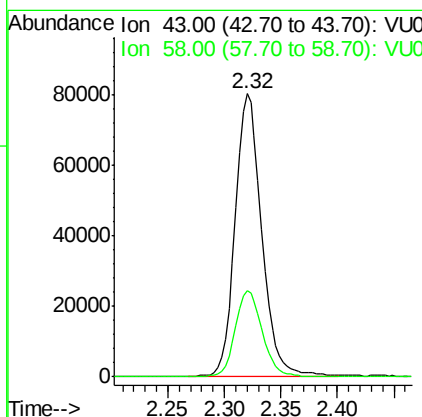
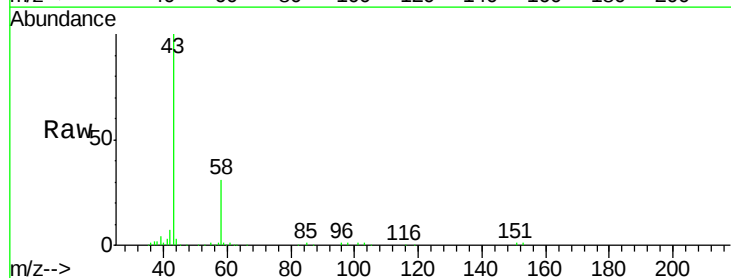
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion:	43	Resp:	130398
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.4	36.6





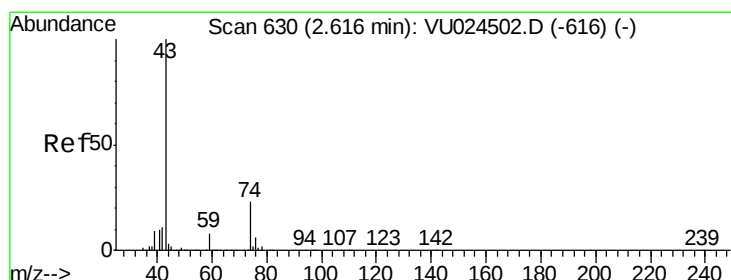
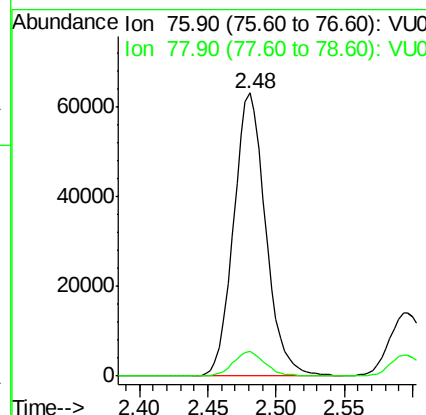
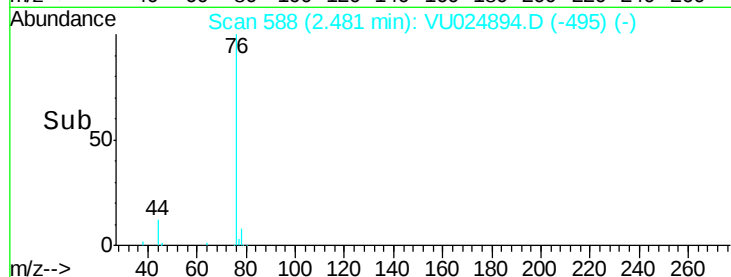
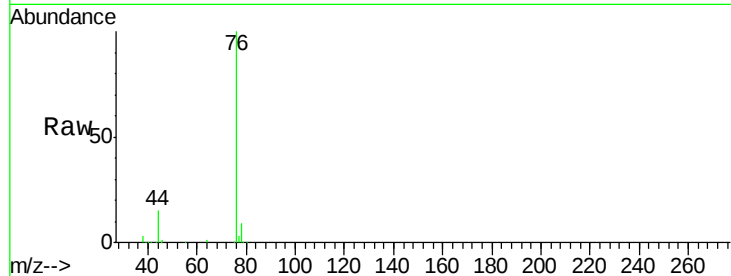
#17
Carbon Disulfide
Concen: 16.06 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

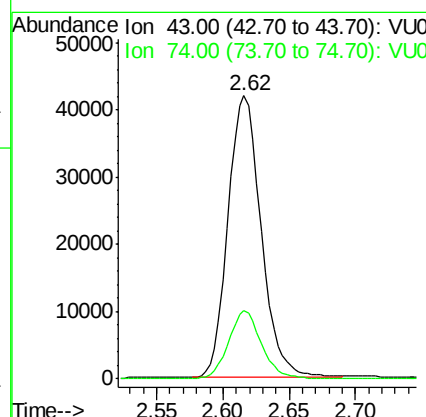
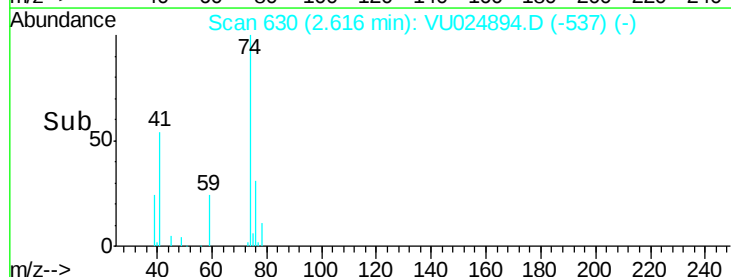
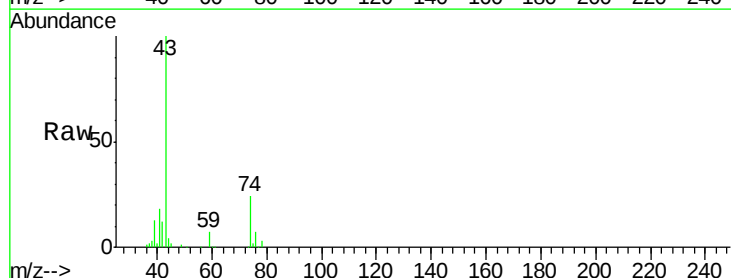
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#18
Methyl Acetate
Concen: 22.05 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	18.0	27.0





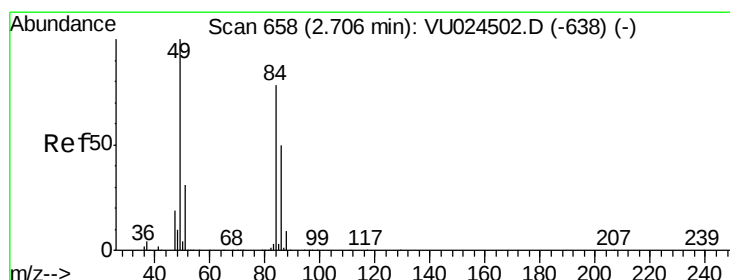
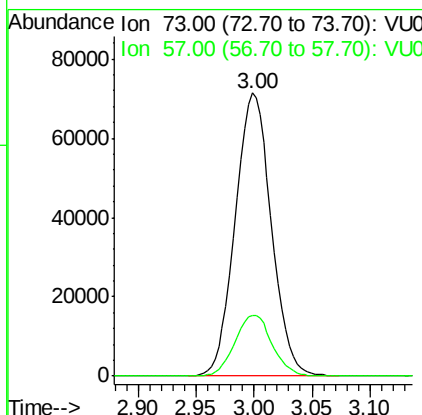
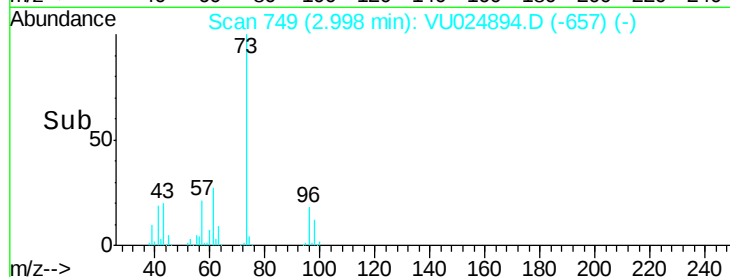
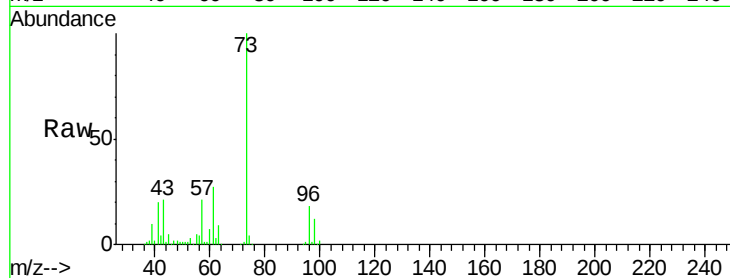
#19
Methvl tert-butvl Ether
Concen: 20.47 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.8	28.2

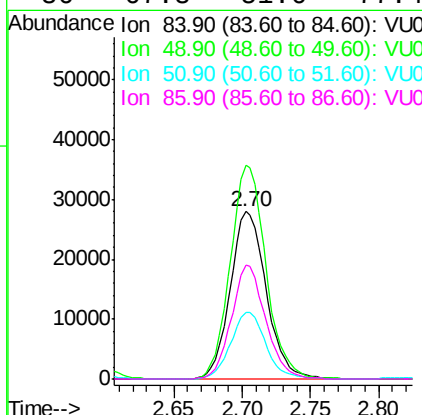
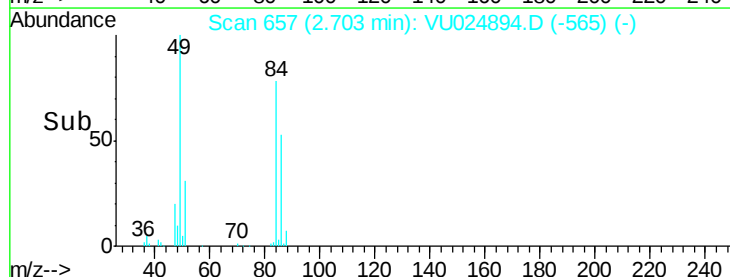
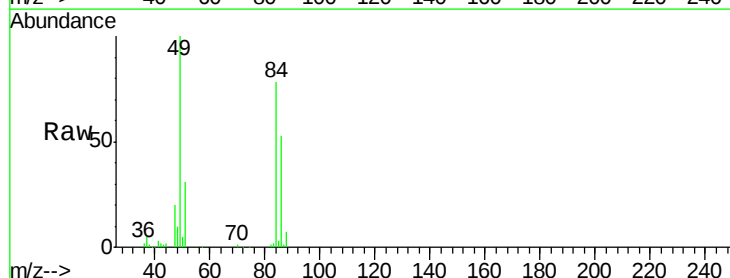
Manual Integrations
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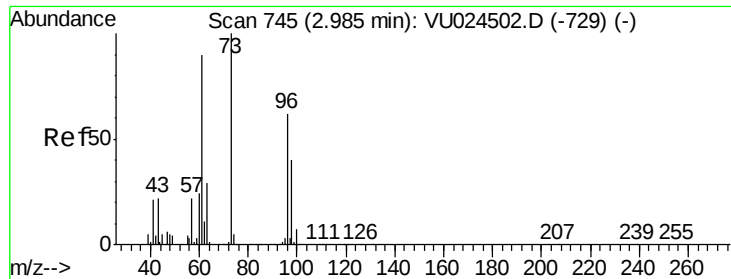
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#20
Methylene Chloride
Concen: 21.12 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.7	103.8	155.8
51	39.5	32.0	48.0
86	67.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 18.64 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

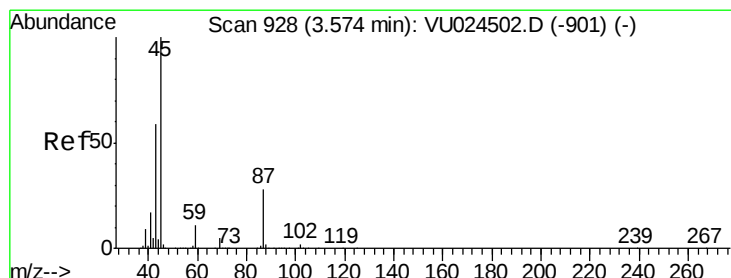
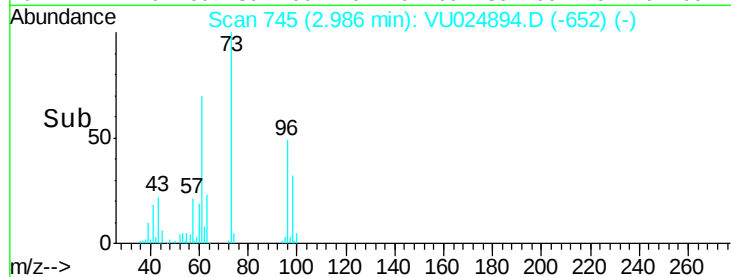
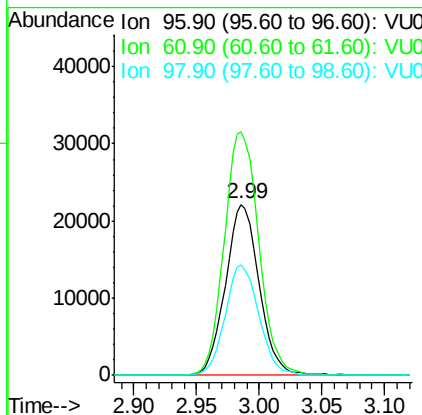
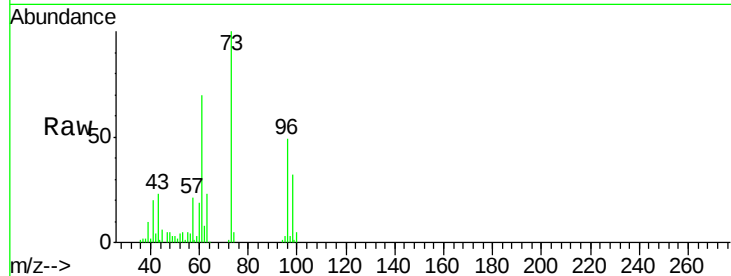
ClientSampleId :

VU0625MBS02

Tot Ion:	96	Resp:	41225
Ion	Ratio	Lower	Upper
96	100		
61	142.6	119.4	179.0
98	64.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 20.13 ug/l

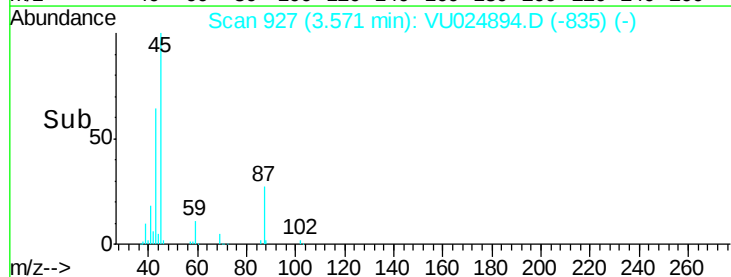
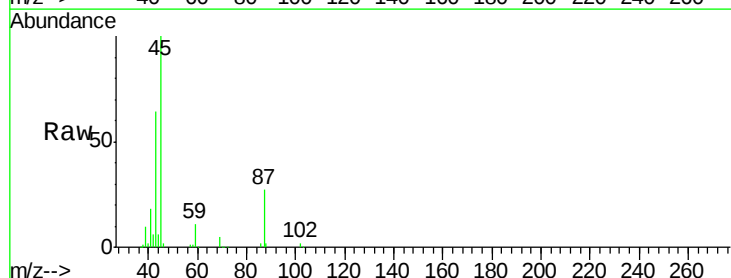
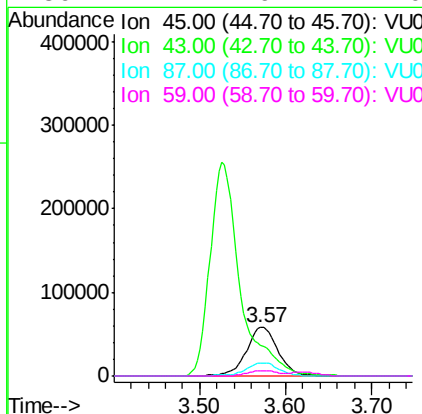
RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion:	45	Resp:	148787
Ion	Ratio	Lower	Upper
45	100		
43	62.7	45.8	68.6
87	27.3	20.6	31.0
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 94.71 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion: 43 Resp: 627051

Ion Ratio Lower Upper

43 100

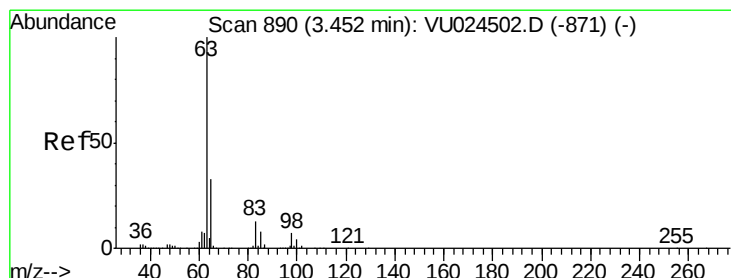
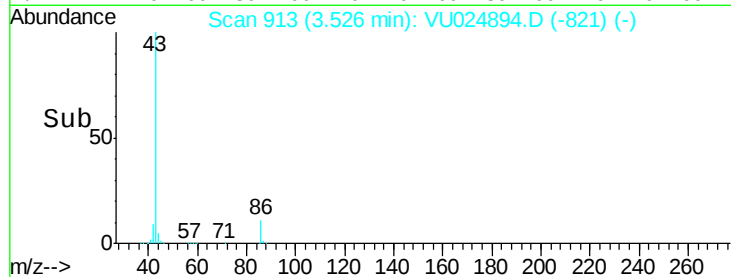
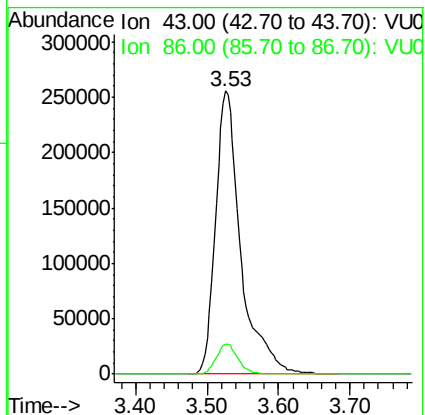
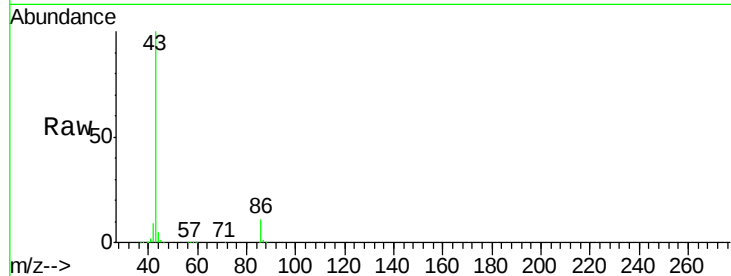
86 10.7 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 20.29 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

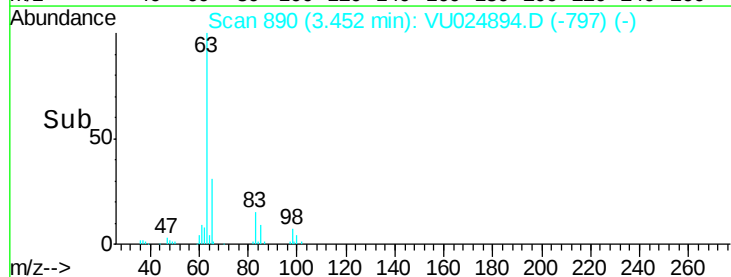
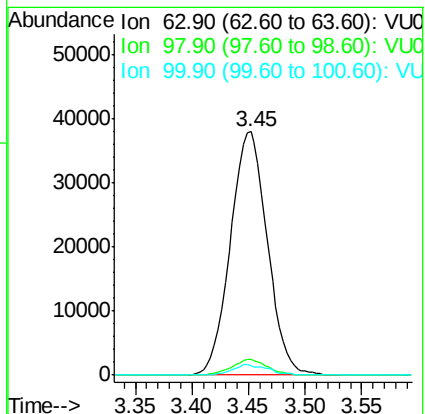
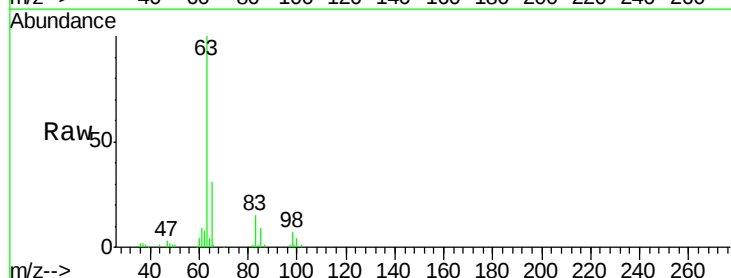
Tgt Ion: 63 Resp: 86263

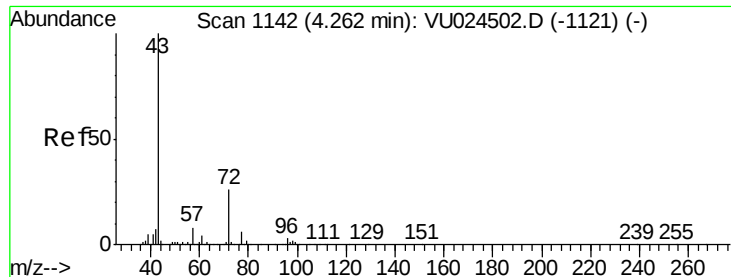
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 3.7 1.8 5.5





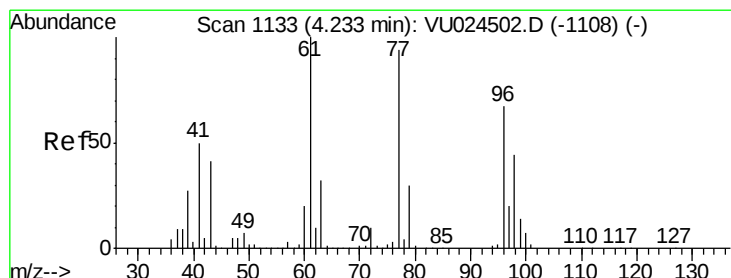
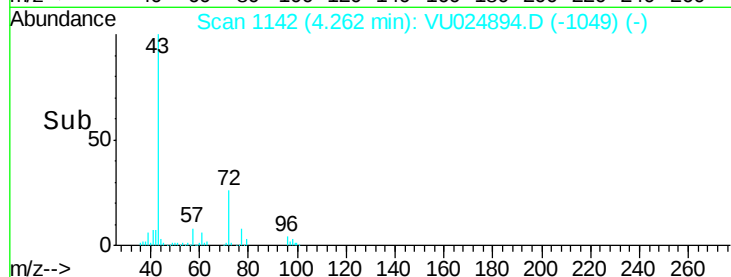
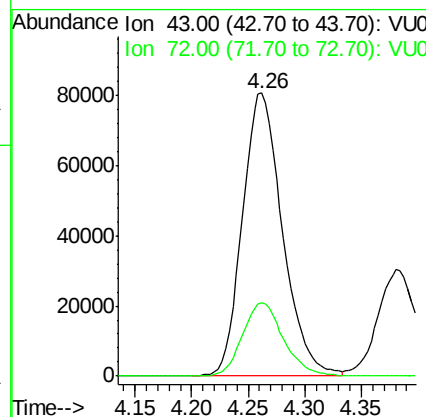
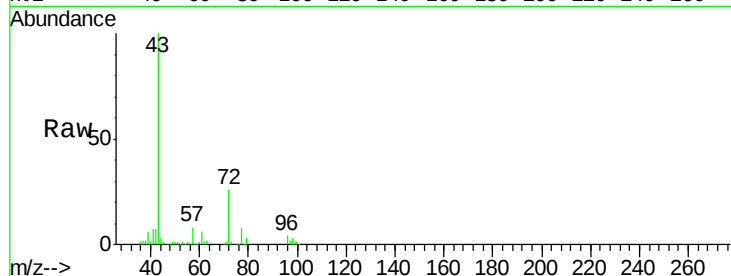
#25
2-Butanone
Concen: 94.80 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion: 43 Resp: 196978
Ion Ratio Lower Upper
43 100
72 26.0 19.6 29.4

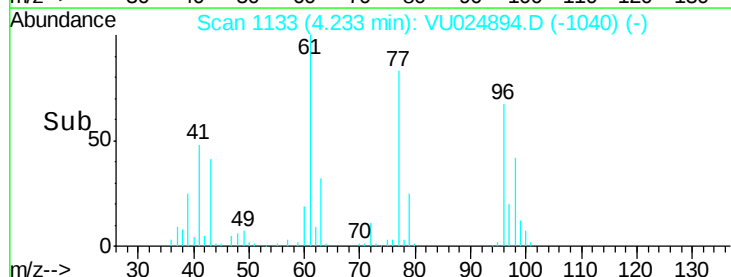
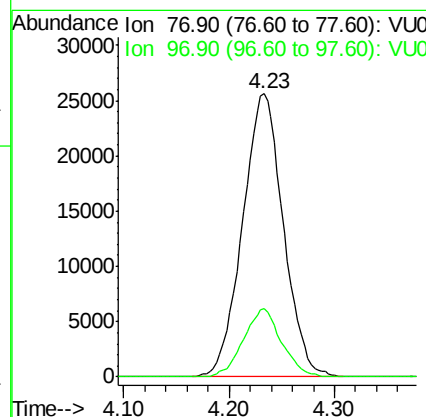
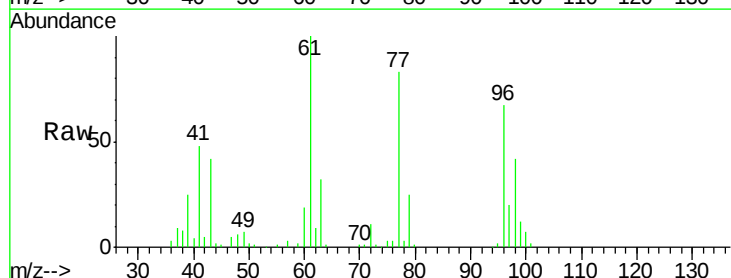
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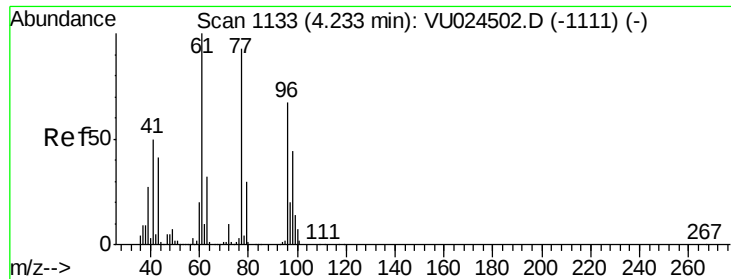
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#26
2,2-Dichloropropane
Concen: 17.03 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 77 Resp: 68763
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.98 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

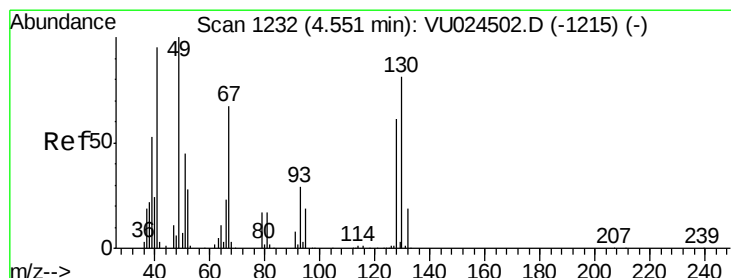
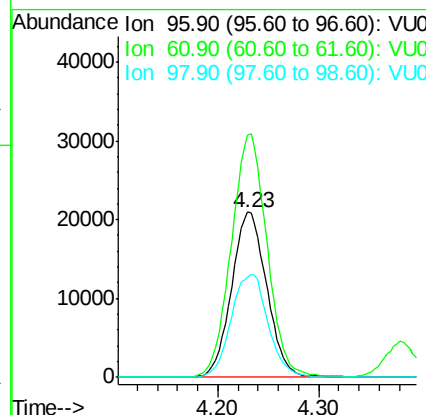
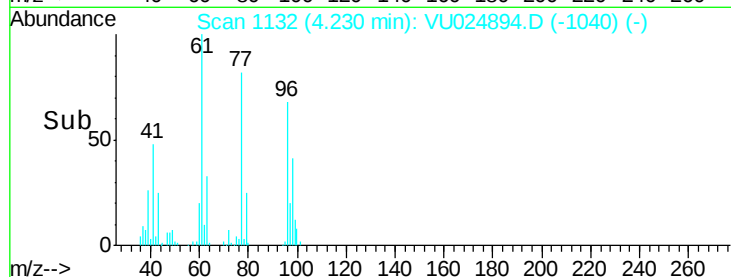
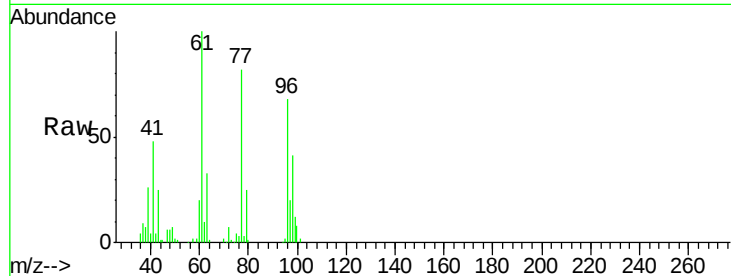
ClientSampleId :

VU0625MBS02

Tot Ion:	96	Resp:	50797
Ion	Ratio	Lower	Upper
96	100		
61	150.1	0.0	306.6
98	65.5	0.0	128.8

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#28

Bromochloromethane

Concen: 18.45 ug/l

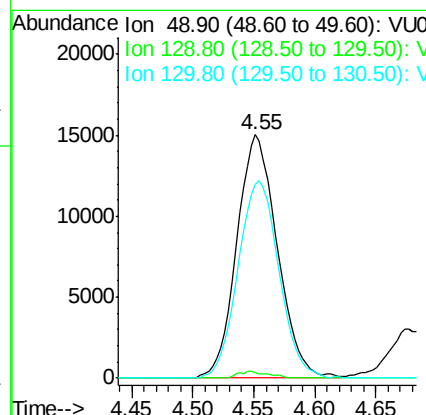
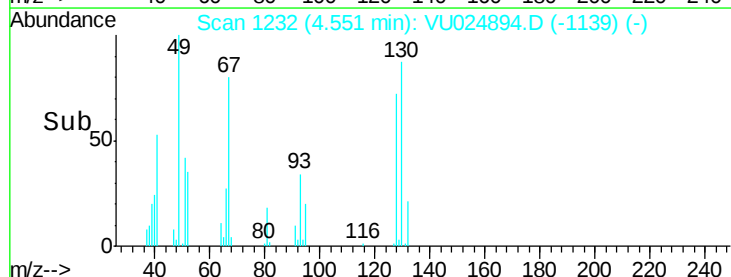
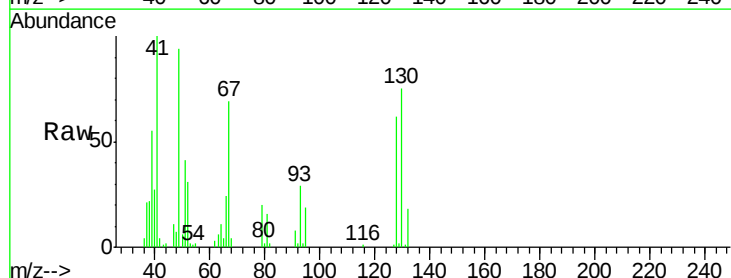
RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion:	49	Resp:	34561
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	81.6	57.8	86.6





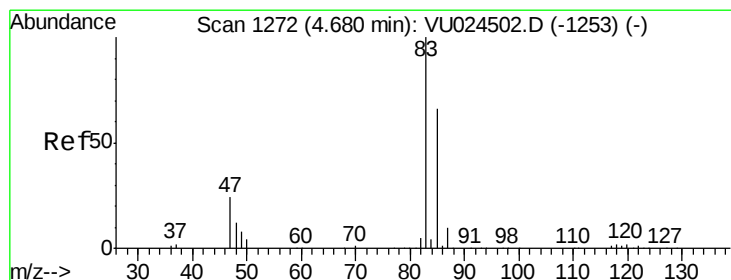
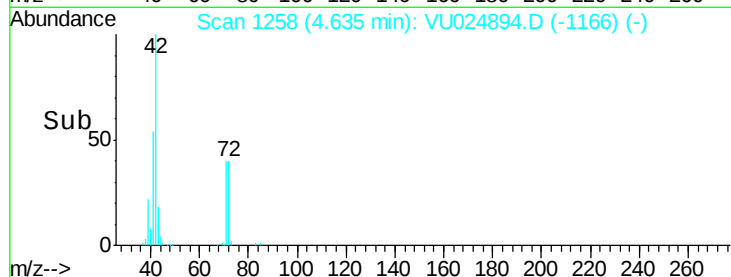
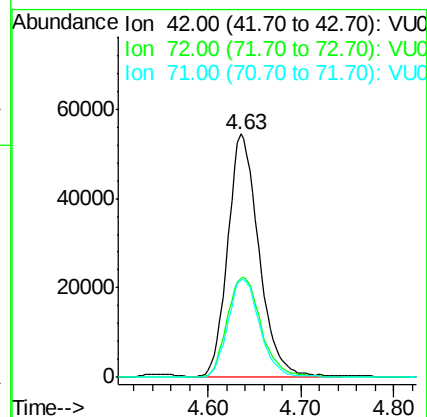
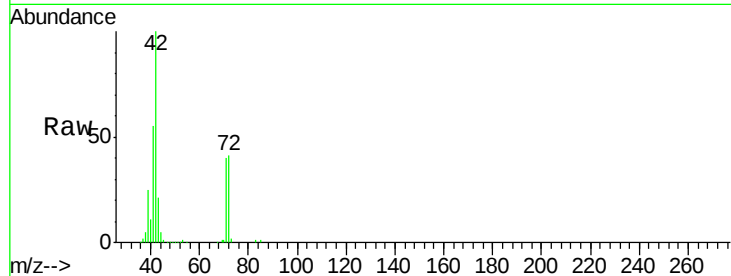
#29
Tetrahydrofuran
Concen: 97.91 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.5	51.7
71	41.5	32.2	48.4

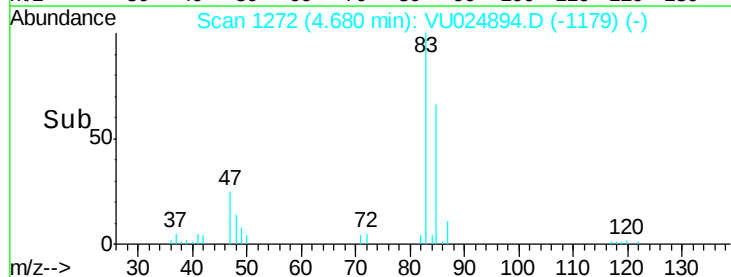
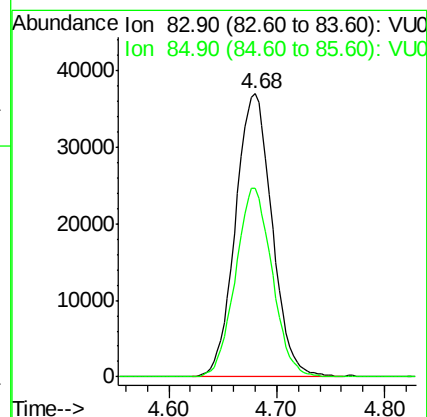
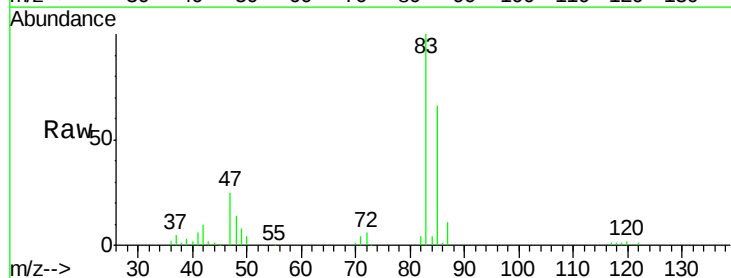
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#30
Chloroform
Concen: 20.26 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.4	78.6





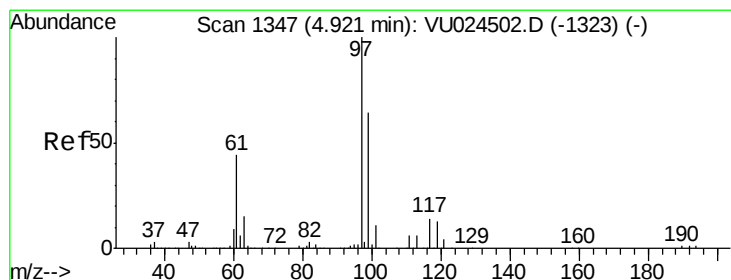
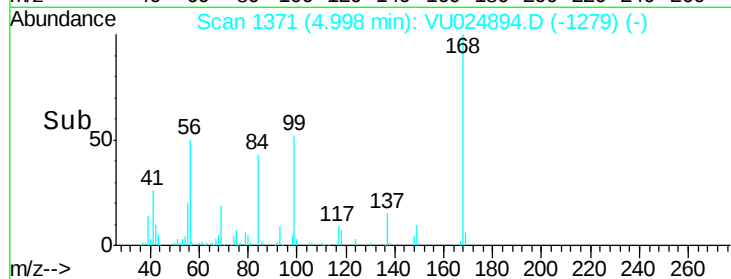
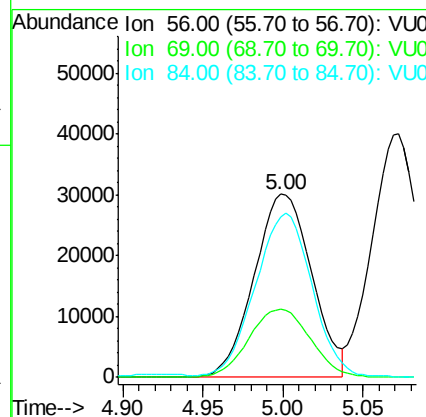
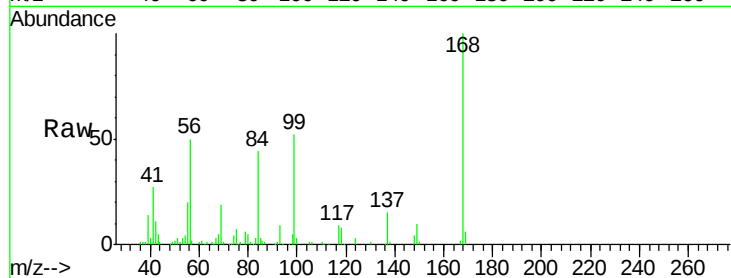
#31
Cyclohexane
Concen: 18.64 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.7	24.8	37.2
84	86.7	65.2	97.8

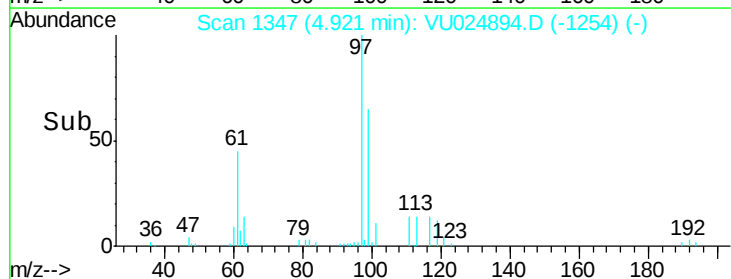
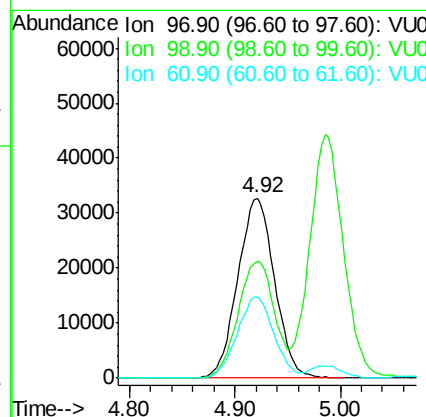
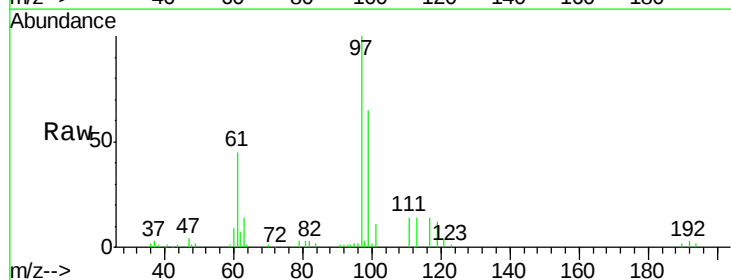
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#32
1,1,1-Trichloroethane
Concen: 19.92 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.6
61	45.1	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 46.05 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion: 65 Resp: 132575

Ion Ratio Lower Upper

65 100

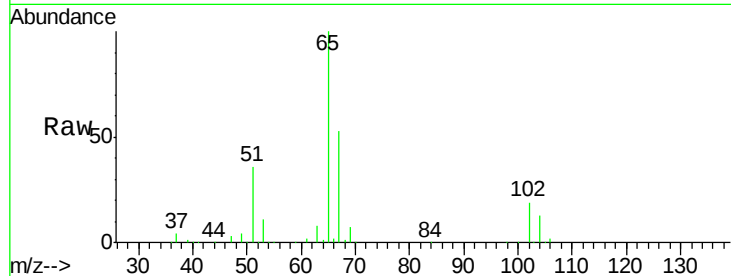
67 51.9 0.0 107.0

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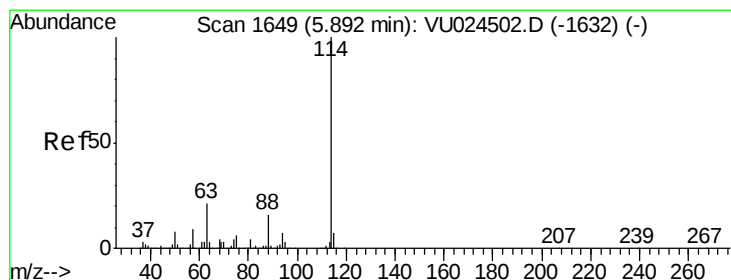
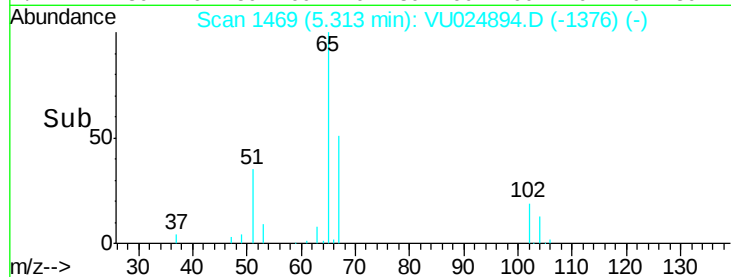
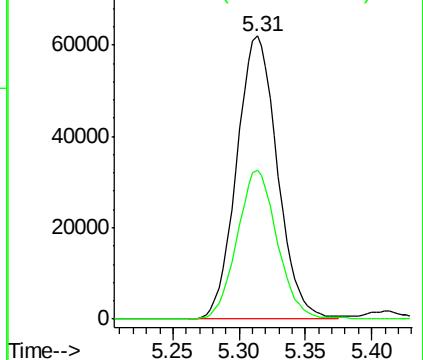
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Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

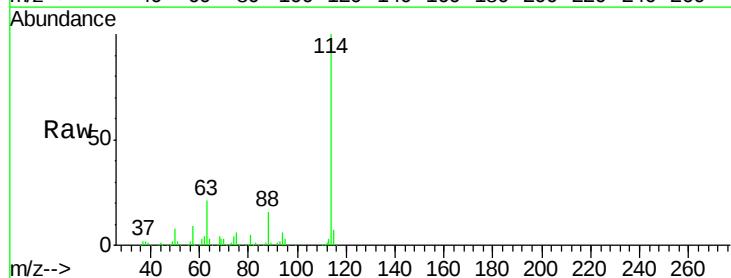
Tgt Ion: 114 Resp: 271872

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.4

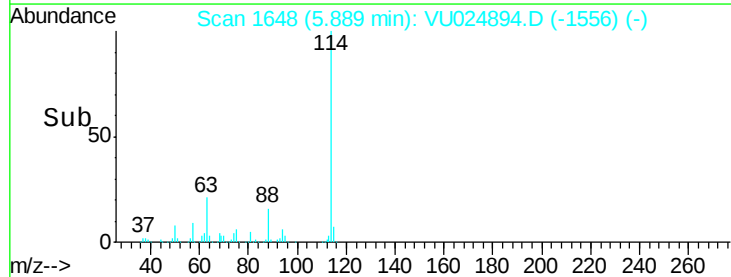
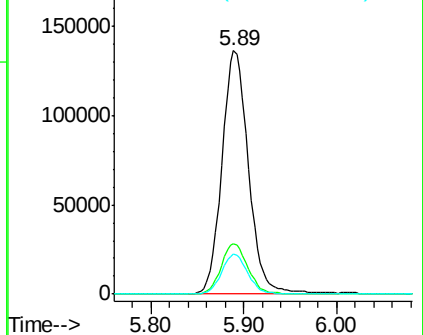
88 16.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0





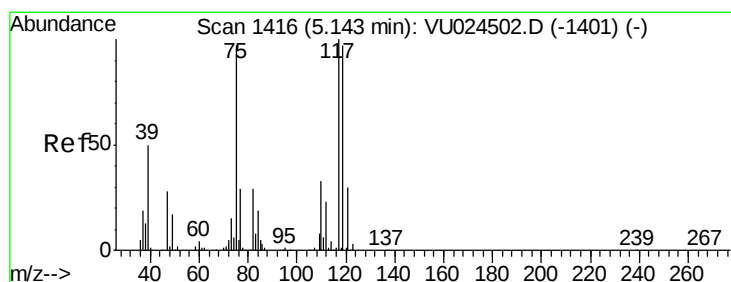
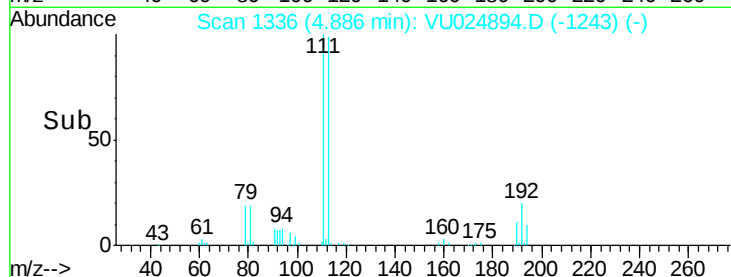
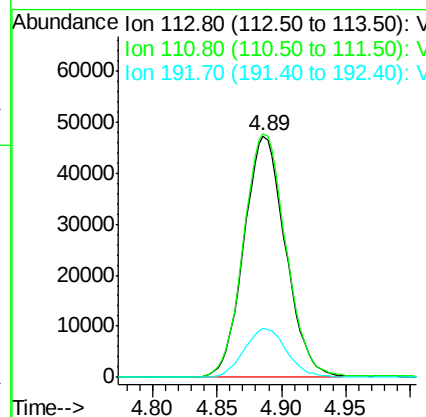
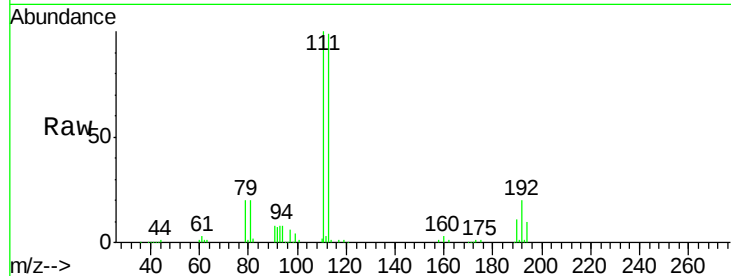
#35
 Dibromofluoromethane
 Concen: 46.93 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105894		
111	103.5	82.2	123.4	
192	20.8	16.2	24.4	

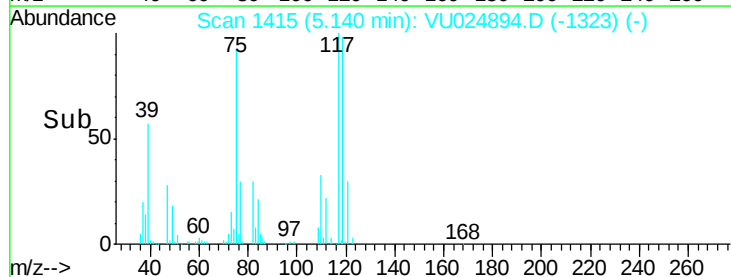
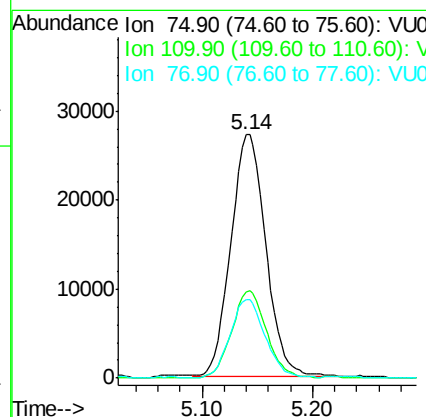
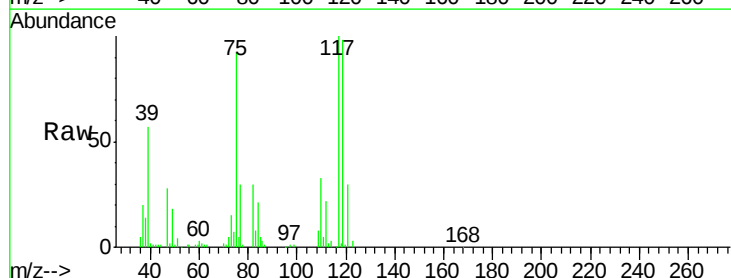
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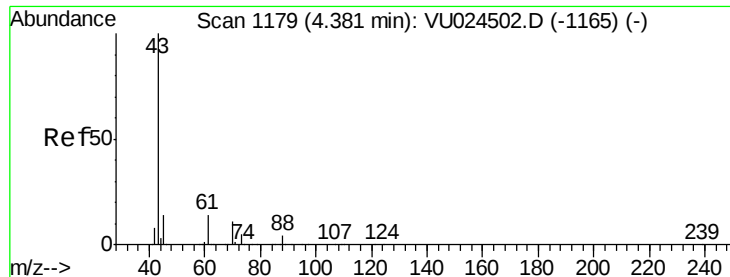
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#36
 1,1-Dichloropropene
 Concen: 18.83 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60152		
110	35.8	17.0	50.9	
77	32.5	24.2	36.4	





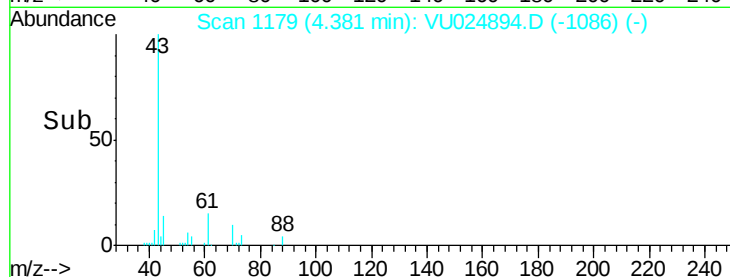
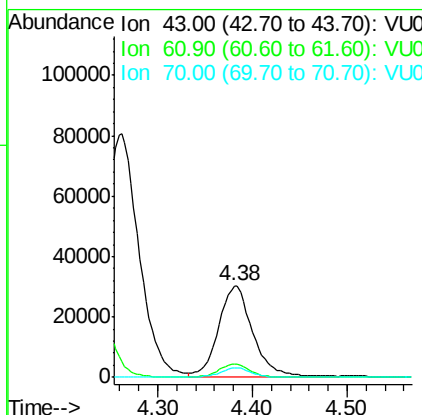
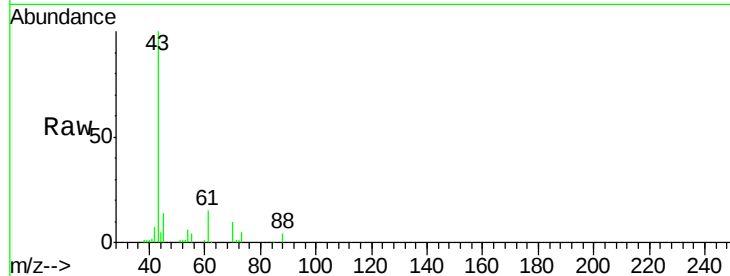
#37
Ethyl Acetate
Concen: 21.32 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.5	15.7
70	9.6	7.4	11.2

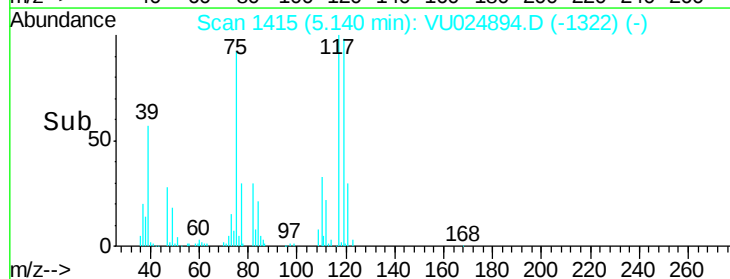
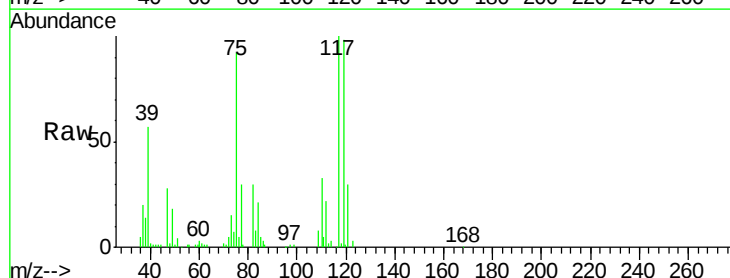
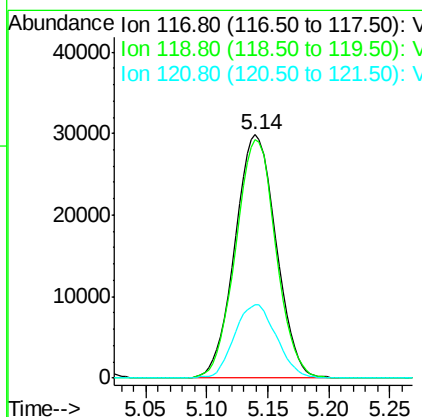
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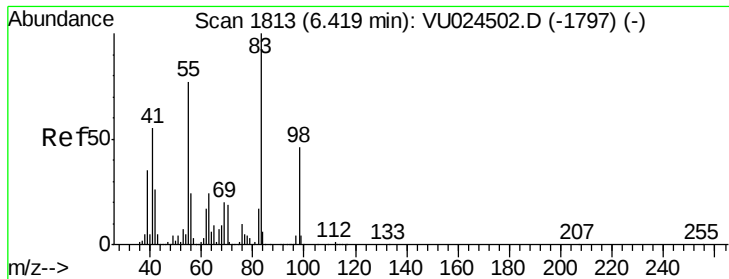
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#38
Carbon Tetrachloride
Concen: 19.85 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.1	114.1
121	30.1	23.7	35.5





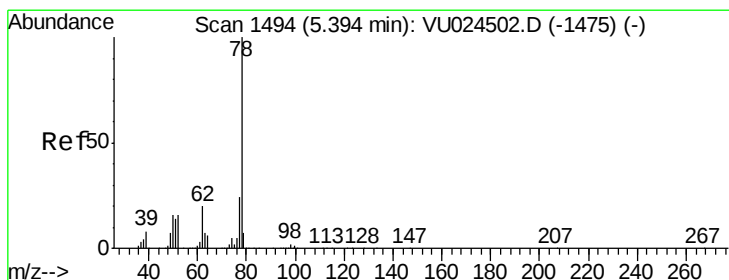
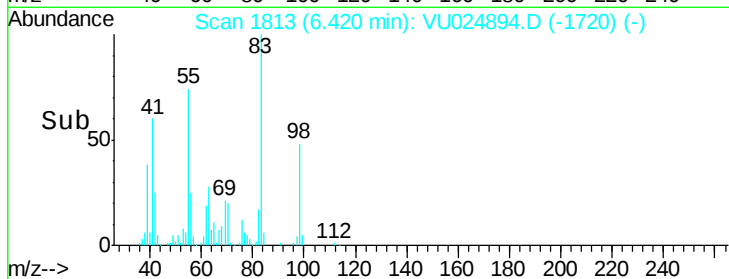
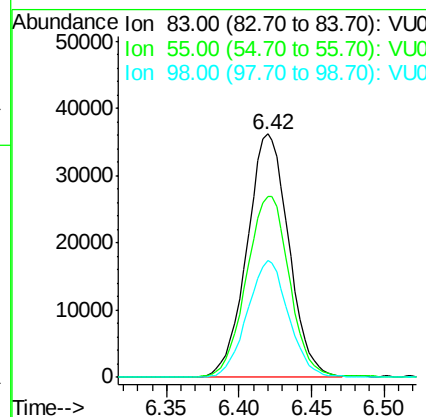
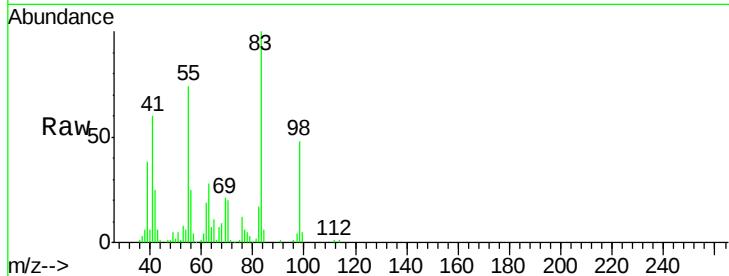
#39
Methvlcvclohexane
Concen: 18.24 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	65.8	98.6
98	47.9	36.7	55.1

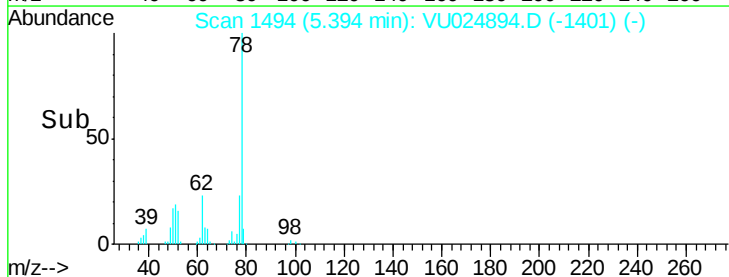
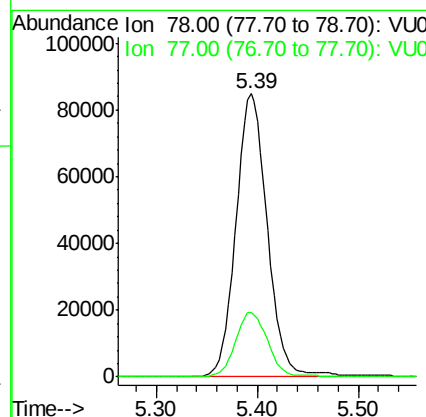
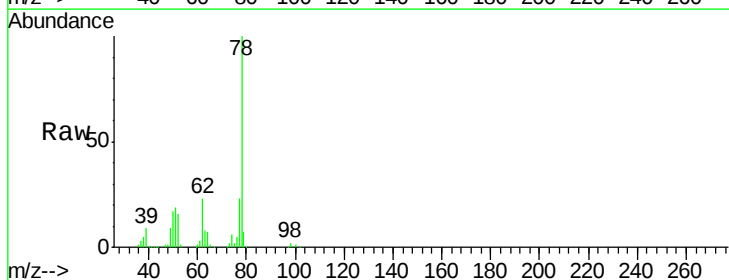
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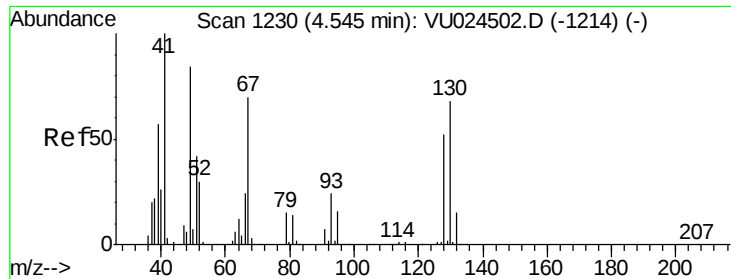
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#40
Benzene
Concen: 20.08 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





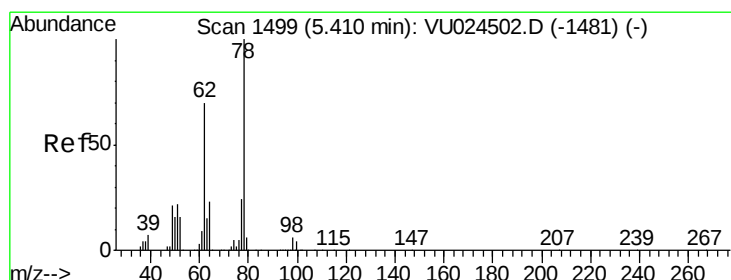
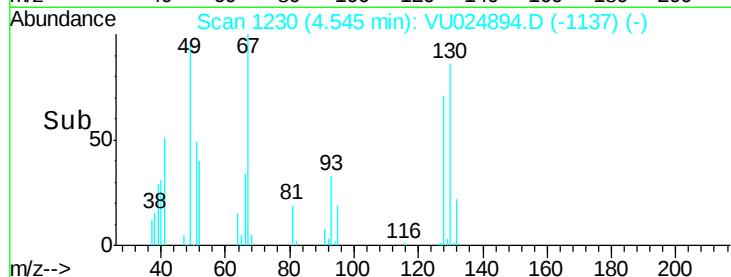
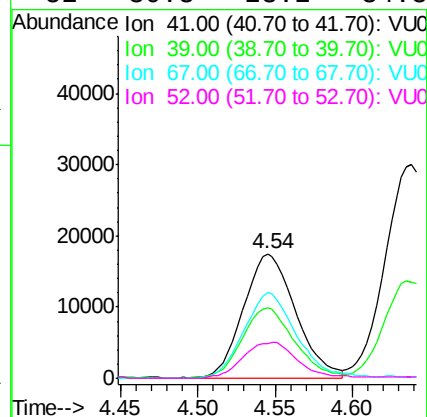
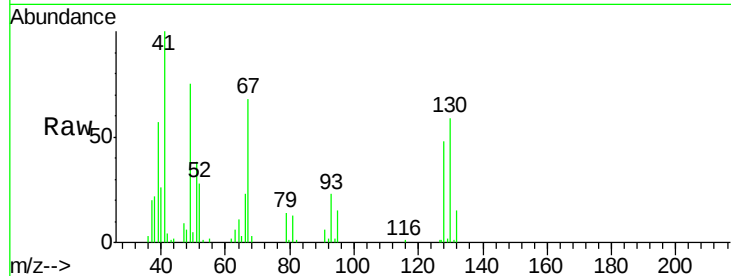
#41
Methacrylonitrile
Concen: 21.87 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	41	Resp	41061
Ion	Ratio	Lower	Upper
41	100		
39	57.0	43.8	65.6
67	69.2	56.3	84.5
52	30.3	23.2	34.8

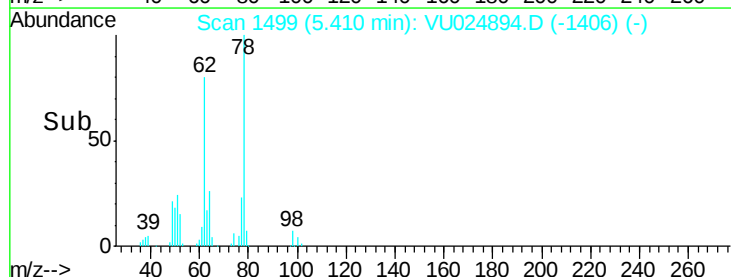
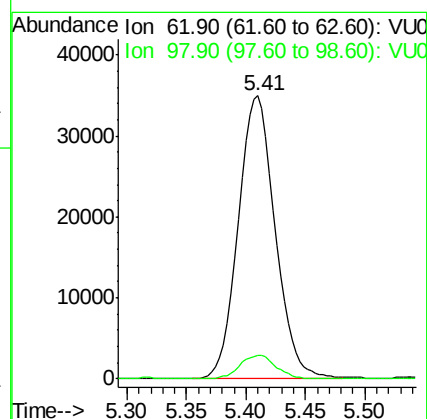
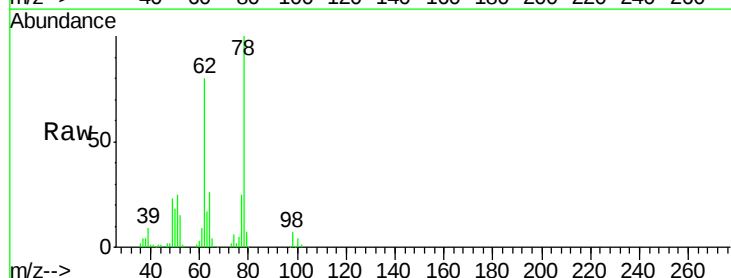
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#42
1,2-Dichloroethane
Concen: 21.72 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	62	Resp	75306
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.70 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

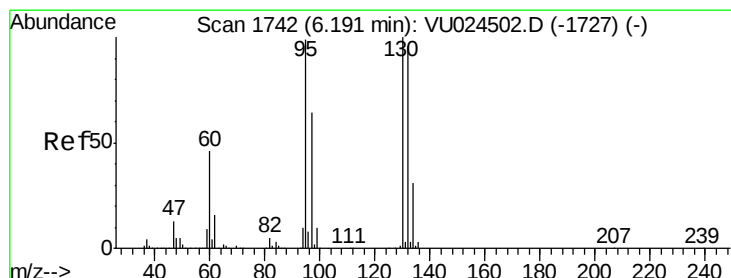
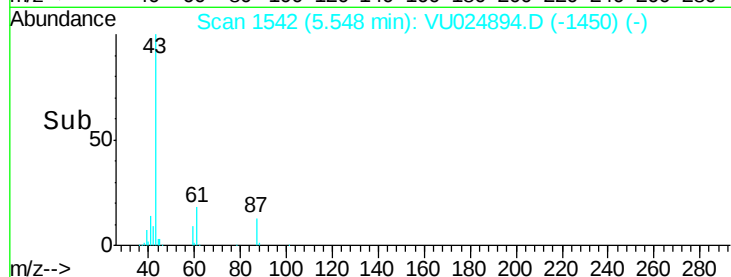
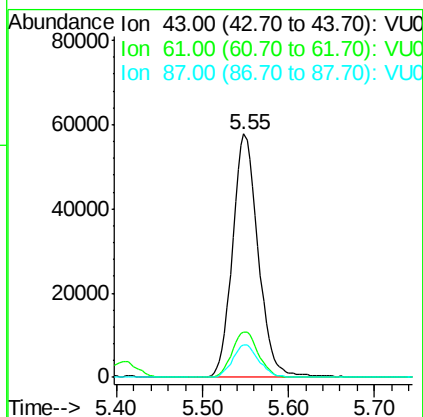
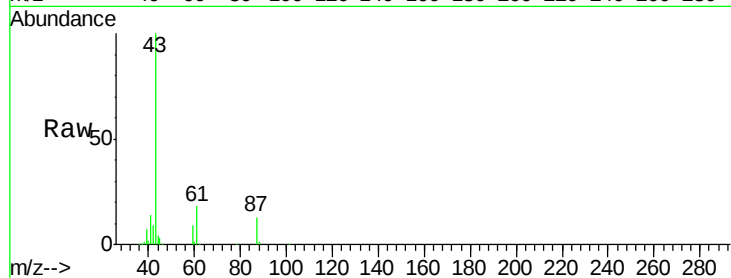
ClientSampleId :

VU0625MBS02

Tot Ion:	43	Resp:	118580
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	13.6	10.0	15.0

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#44

Trichloroethene

Concen: 19.43 ug/l

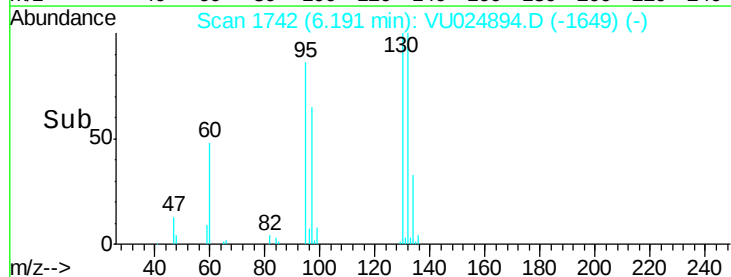
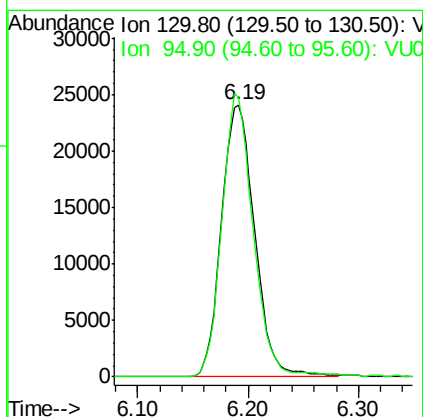
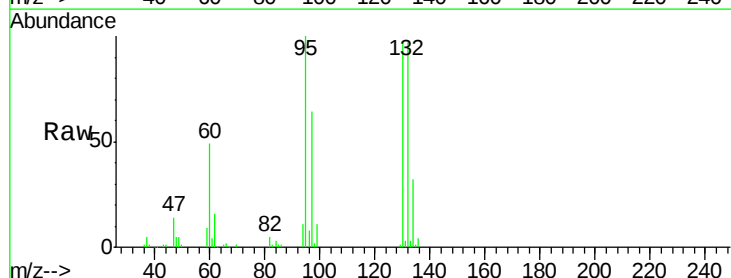
RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion:	130	Resp:	50343
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	202.4





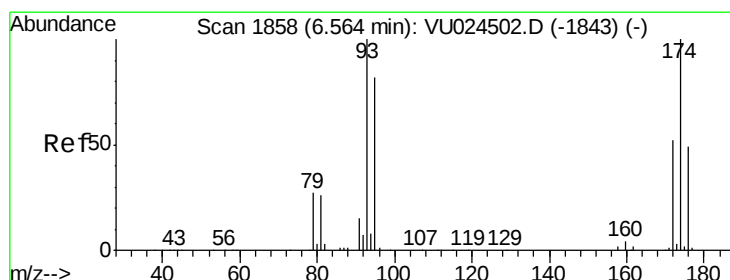
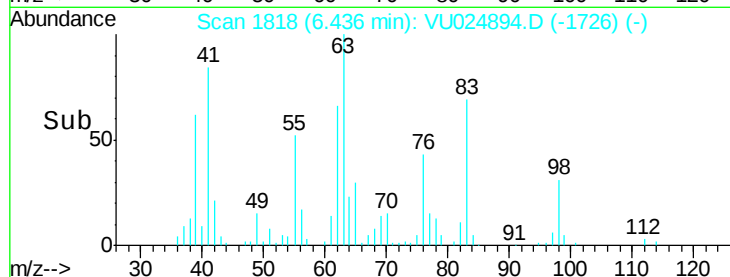
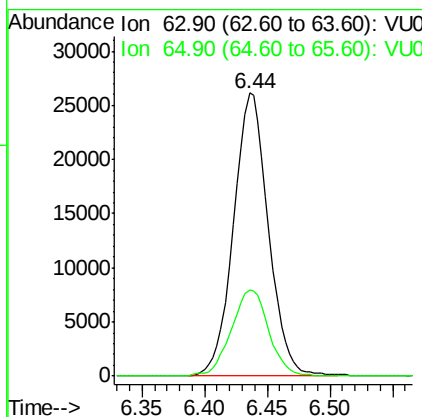
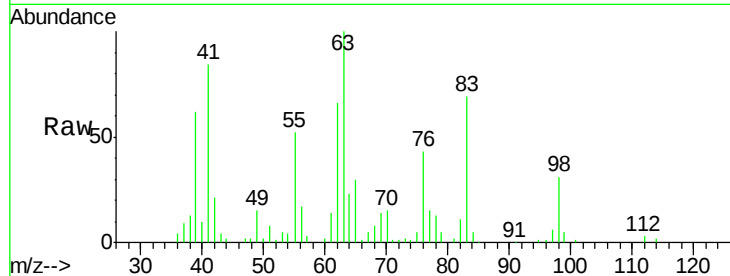
#45
 1,2-Dichloropropane
 Concen: 20.78 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS02

Tot Ion: 63 Resp: 50481
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.8 37.2

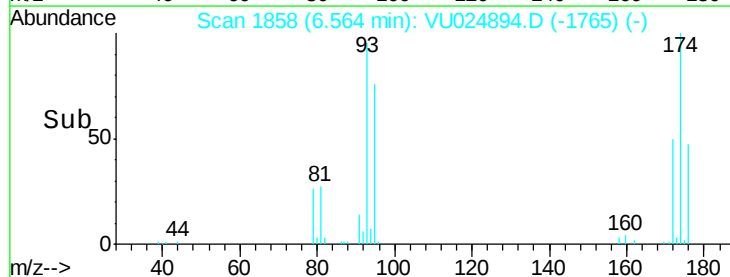
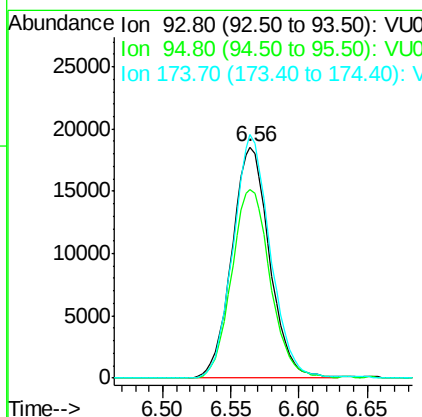
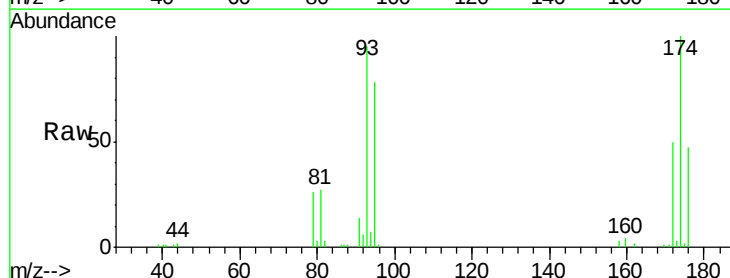
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#46
 Dibromomethane
 Concen: 20.85 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion: 93 Resp: 35565
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.5 98.3
 174 103.6 78.7 118.1





#47

Bromodichloromethane

Concen: 20.23 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

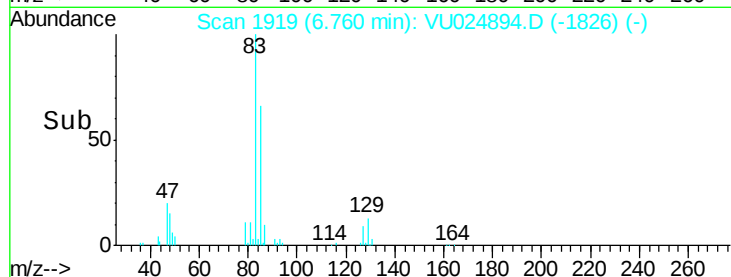
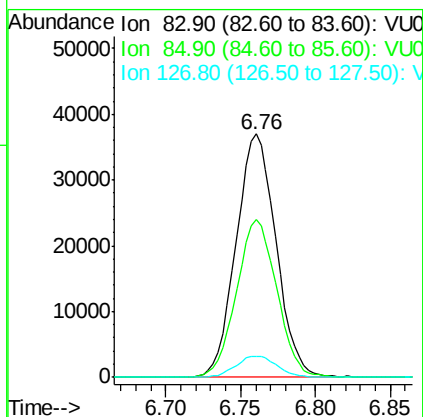
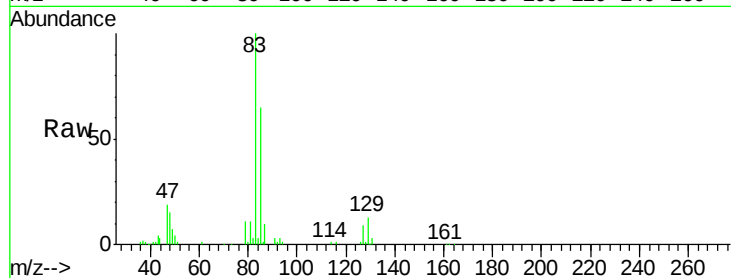
ClientSampleId :

VU0625MBS02

Tot Ion:	83	Resp:	68735
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.9	77.9
127	8.7	6.6	9.8

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#48

Methyl methacrylate

Concen: 20.42 ug/l

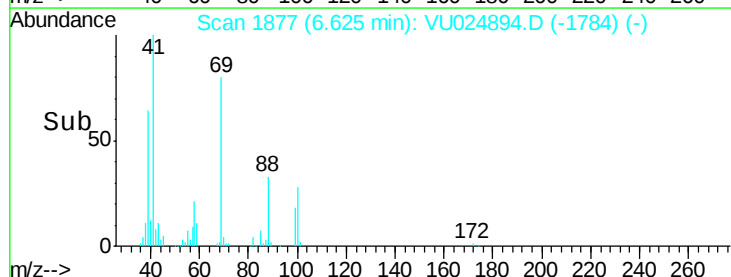
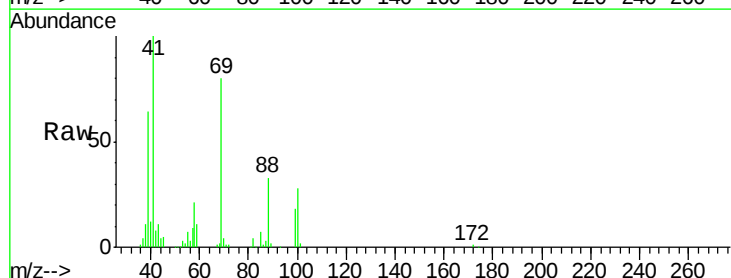
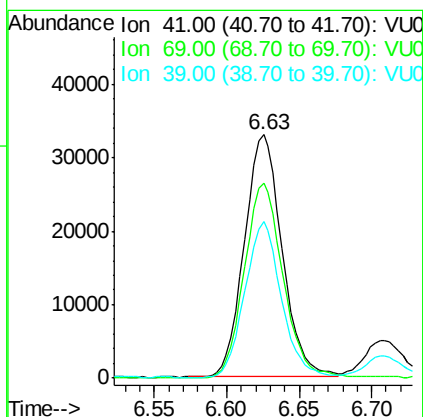
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion:	41	Resp:	59833
Ion Ratio	Lower	Upper	
41	100		
69	82.7	67.3	100.9
39	63.1	46.5	69.7





#49

1,4-Dioxane

Concen: 509.22 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

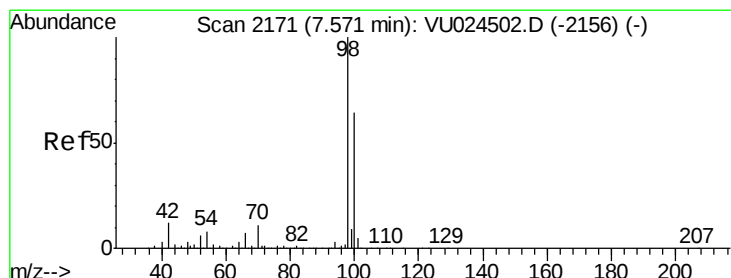
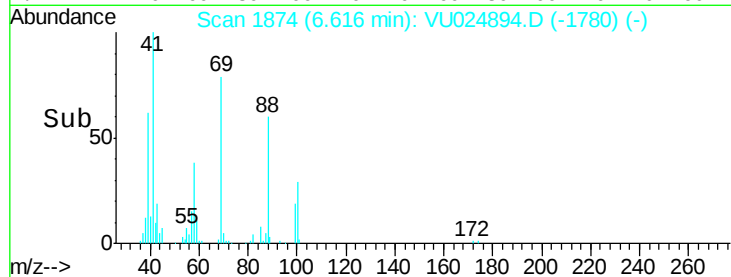
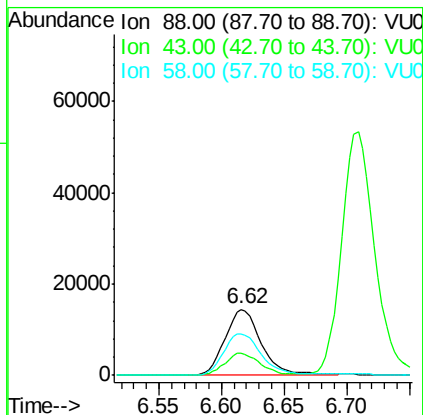
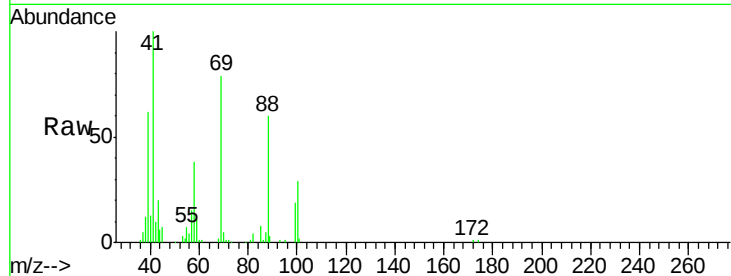
ClientSampleId :

VU0625MBS02

Tot Ion:	88	Resp:	29186
Ion Ratio	Lower	Upper	
88	100		
43	32.7	28.6	42.8
58	66.2	58.2	87.4

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#50

Toluene-d8

Concen: 44.40 ug/l

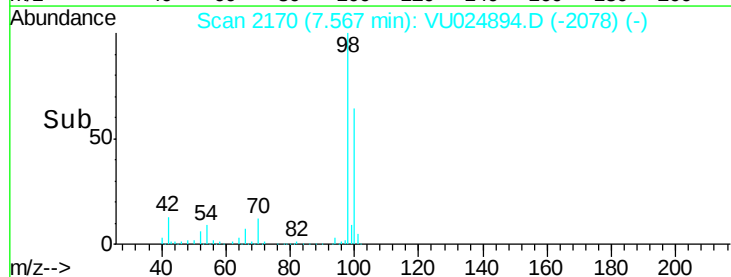
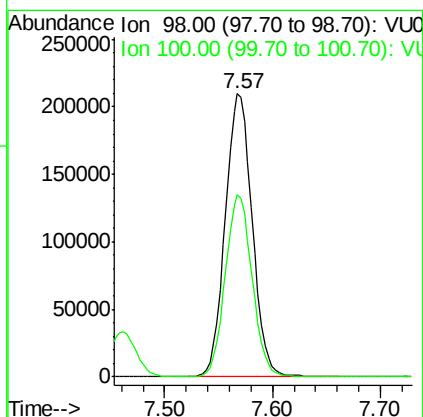
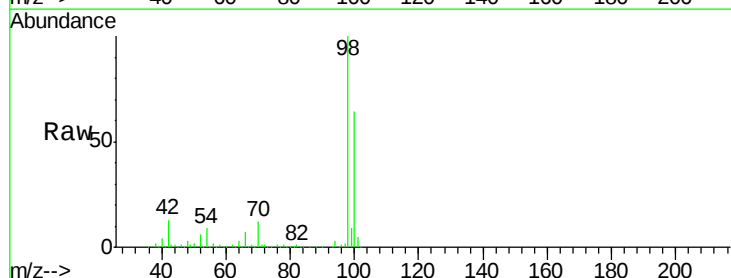
RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion:	98	Resp:	365404
Ion Ratio	Lower	Upper	
98	100		
100	63.8	51.1	76.7





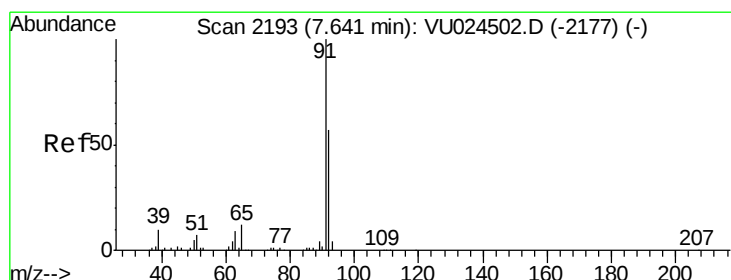
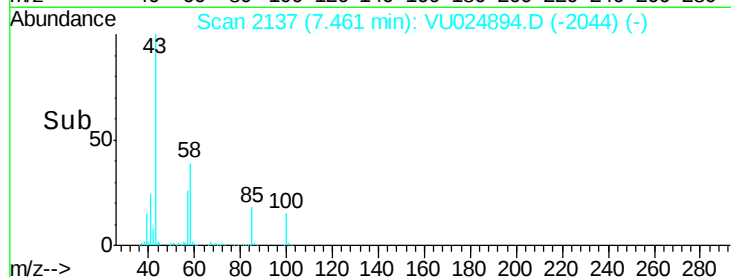
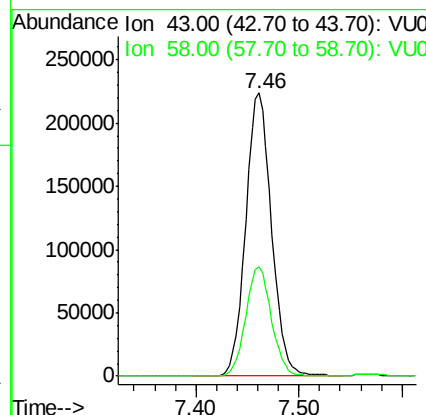
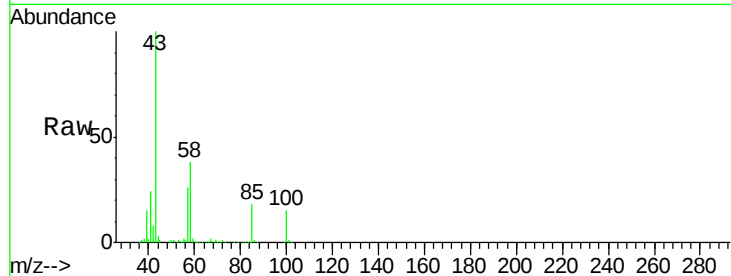
#51
 4-Methyl-2-Pentanone
 Concen: 102.77 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0625MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.0	45.0

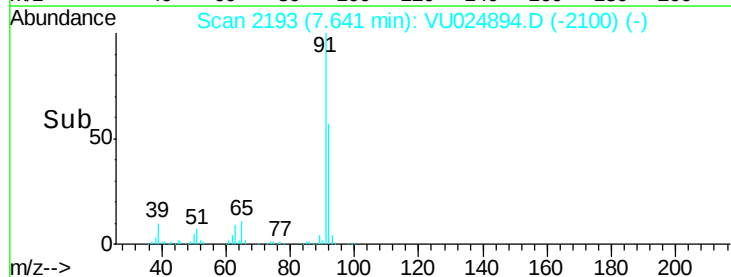
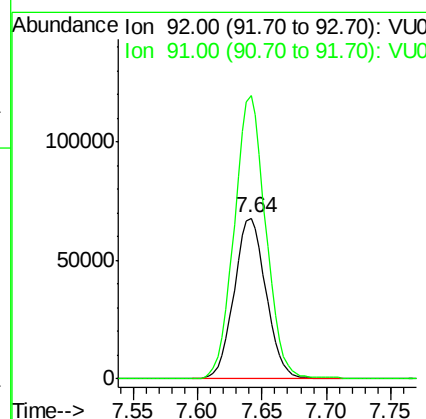
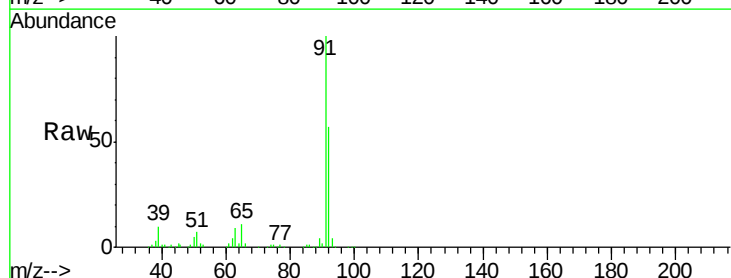
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#52
 Toluene
 Concen: 19.94 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.1	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 18.74 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion: 75 Resp: 71505

Ion Ratio Lower Upper

75 100

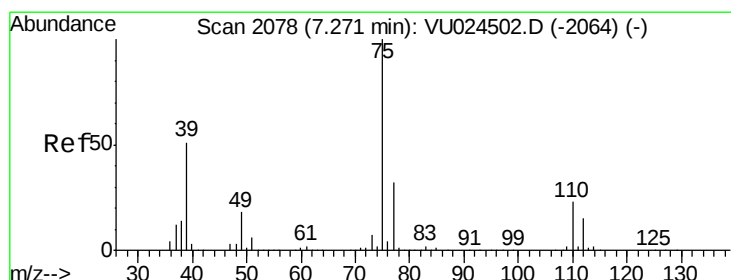
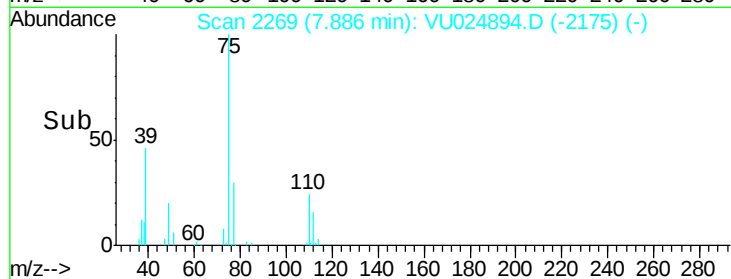
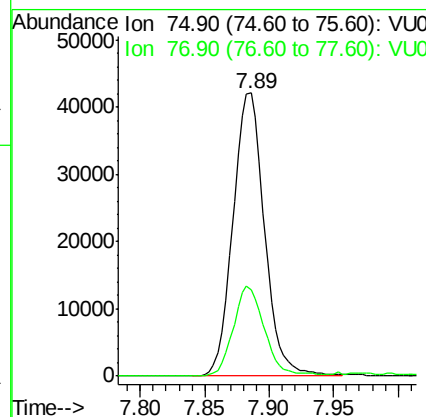
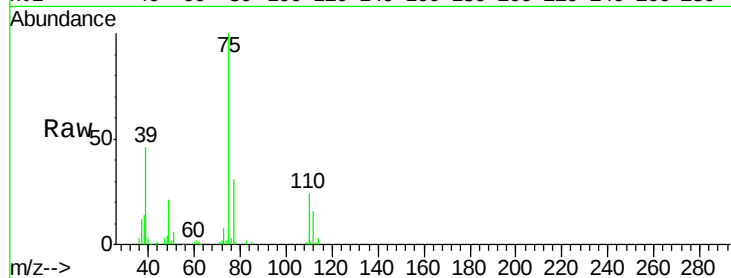
77 30.7 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 18.40 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

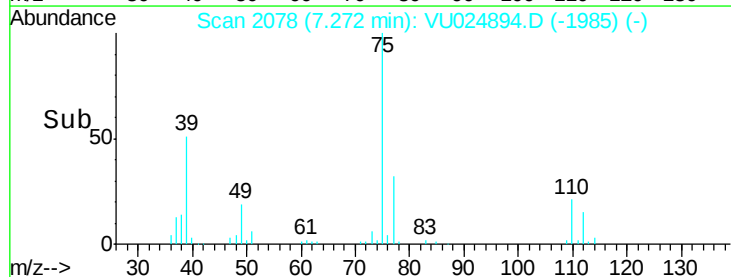
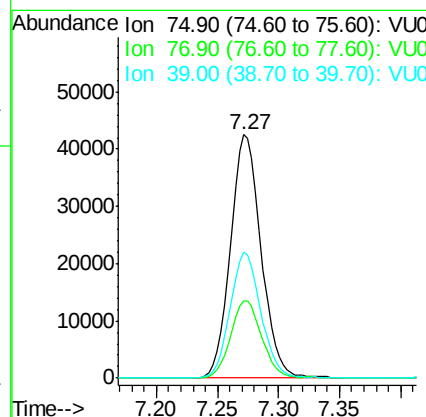
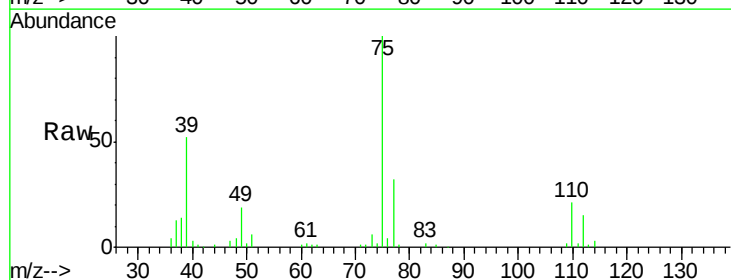
Tgt Ion: 75 Resp: 74784

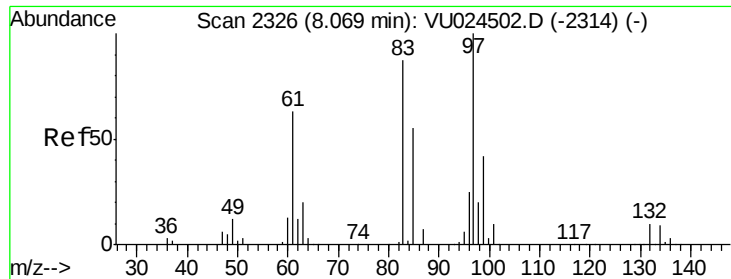
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 51.7 39.8 59.6





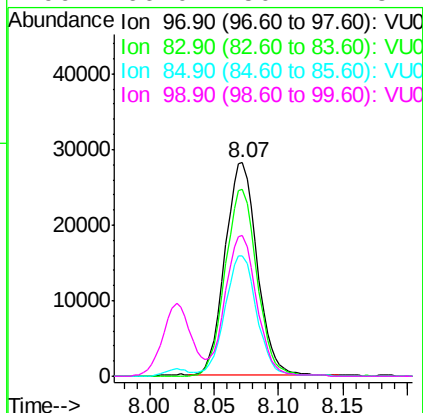
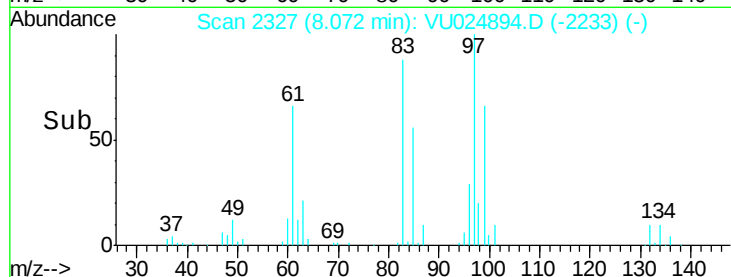
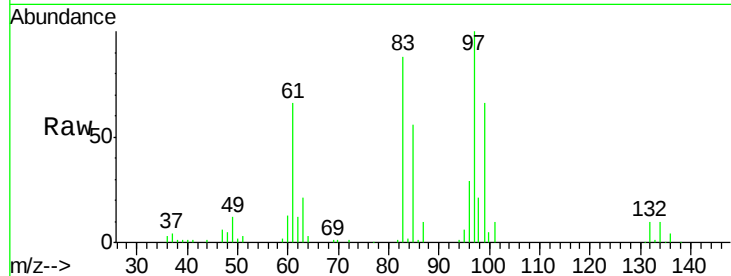
#55
 1,1,2-Trichloroethane
 Concen: 20.54 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS02

Tot Ion:	97	Resp:	48903
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.5	105.7
85	56.4	46.4	69.6
99	66.0	50.2	75.2

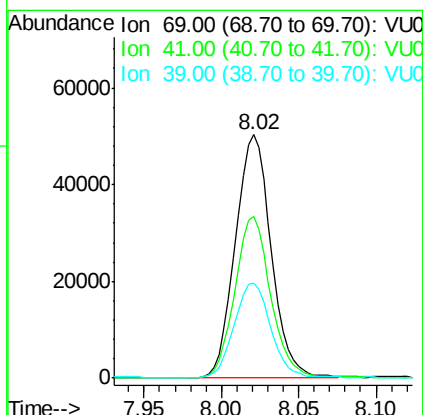
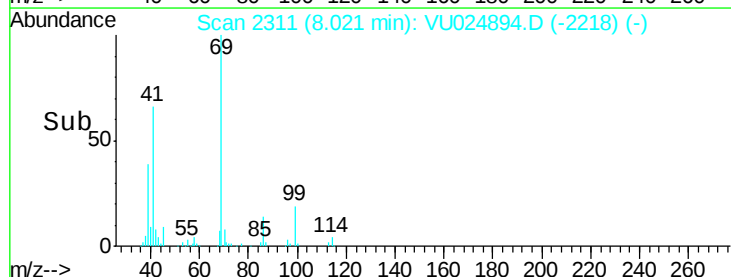
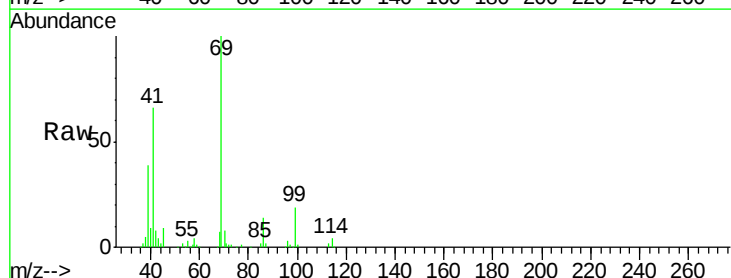
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#56
 Ethyl methacrylate
 Concen: 20.33 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion:	69	Resp:	81026
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.1	81.1
39	39.5	30.3	45.5





#57

1,3-Dichloropropane

Concen: 20.36 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tot Ion: 76 Resp: 81766

Ion Ratio Lower Upper

76 100

78 32.3 25.2 37.8

Instrument :

MSVOA_U

ClientSampleId :

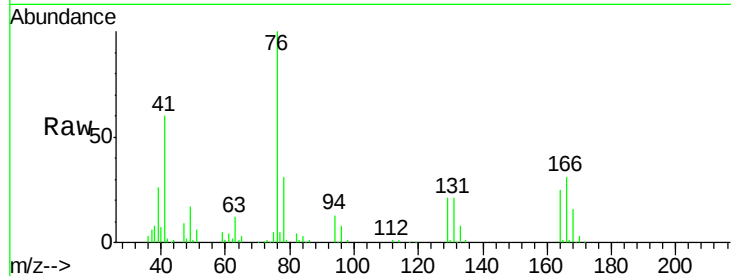
VU0625MBS02

Manual Integrations

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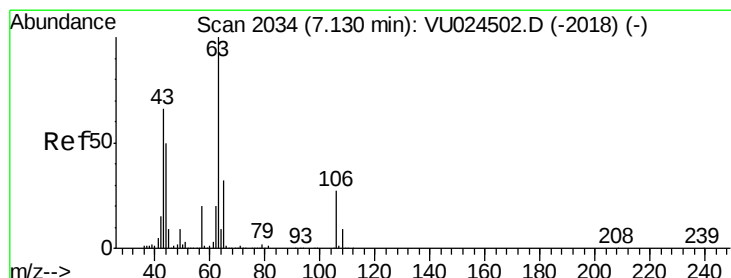
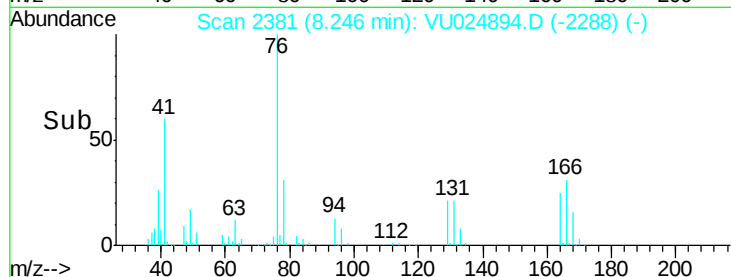
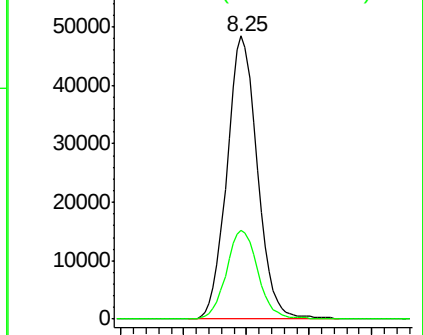
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 52.24 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024894.D

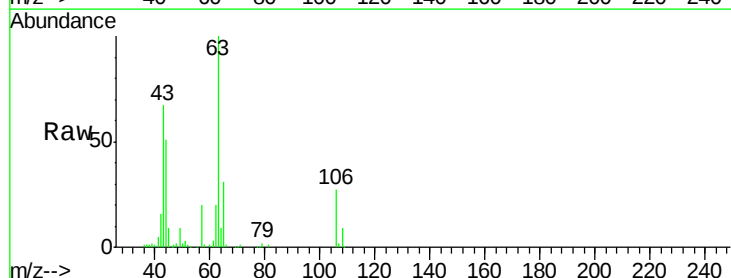
Acq: 25 Jun 2018 23:24

Tgt Ion: 63 Resp: 79747

Ion Ratio Lower Upper

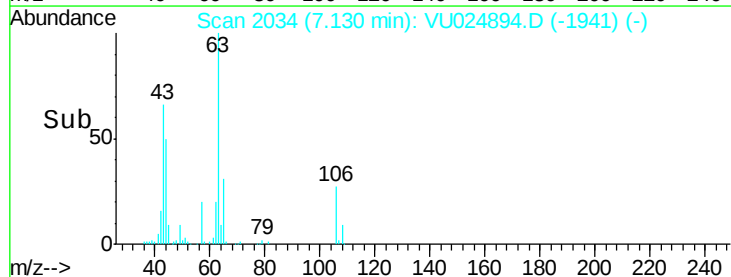
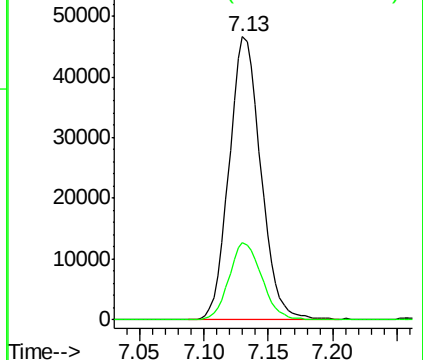
63 100

106 27.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





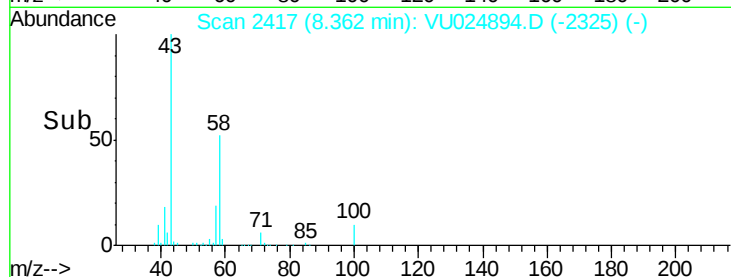
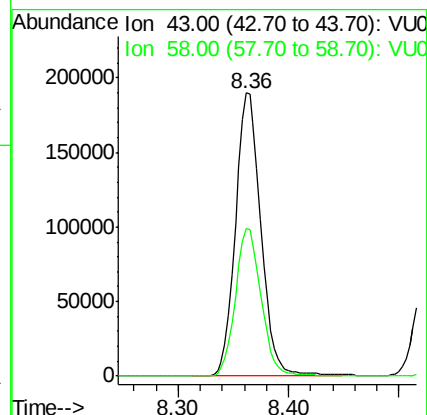
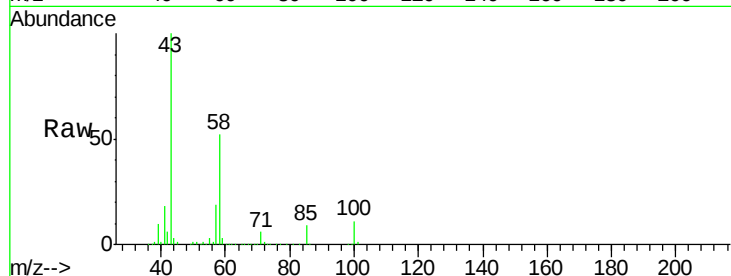
#59
2-Hexanone
Concen: 98.45 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion: 43 Resp: 303933
Ion Ratio Lower Upper
43 100
58 53.0 26.4 79.0

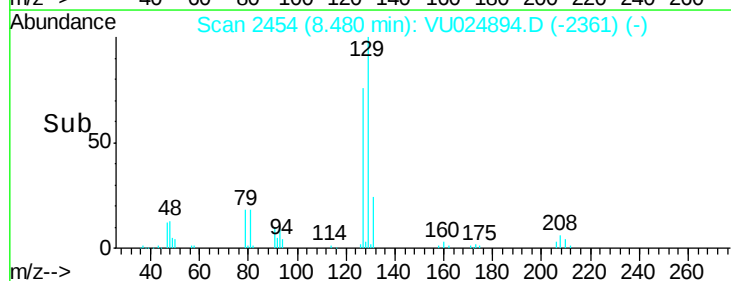
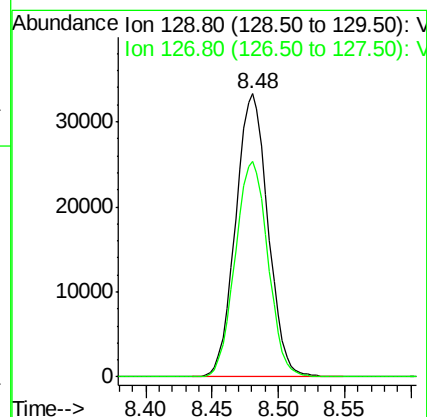
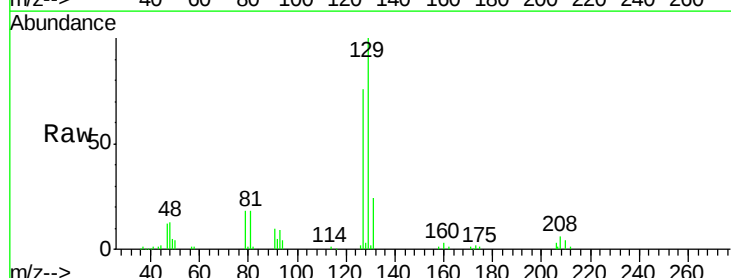
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#60
Dibromochloromethane
Concen: 19.04 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 129 Resp: 56518
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.79 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion:107 Resp: 52445

Ion Ratio Lower Upper

107 100

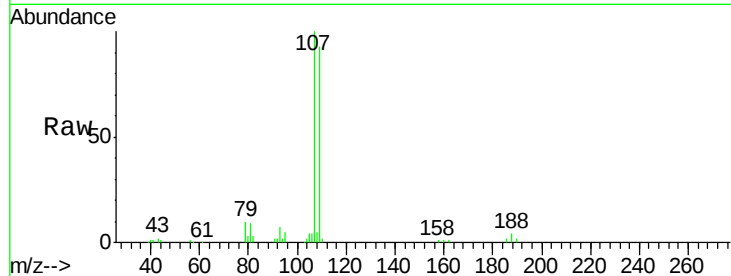
109 96.6 74.5 111.7

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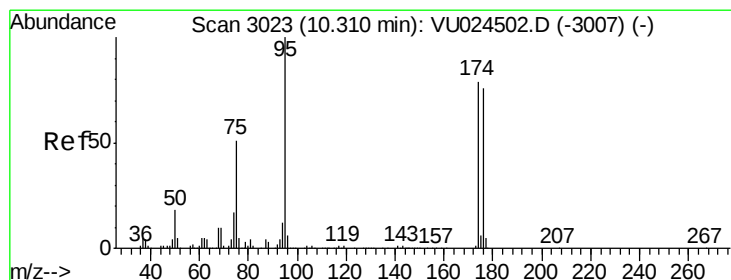
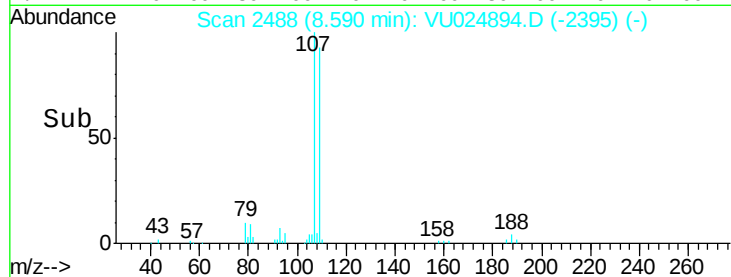
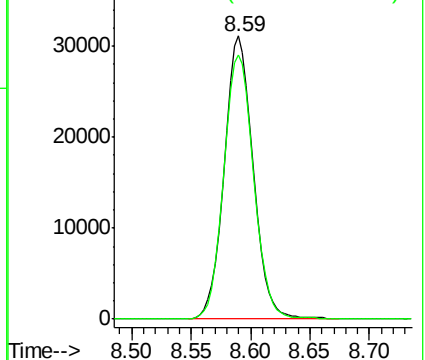
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.74 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

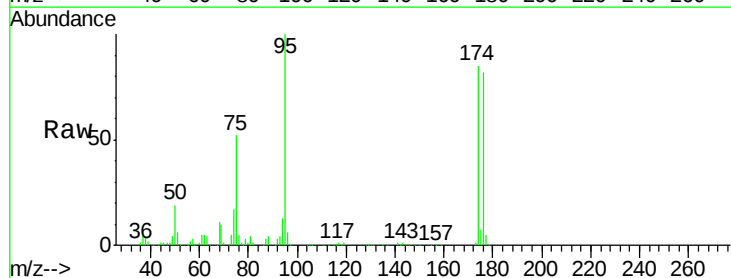
Tgt Ion: 95 Resp: 146187

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

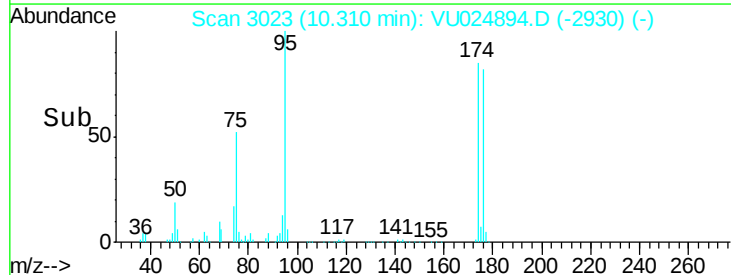
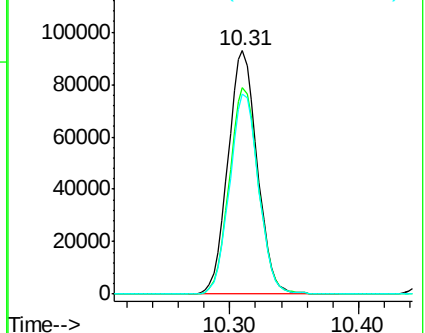
176 81.6 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





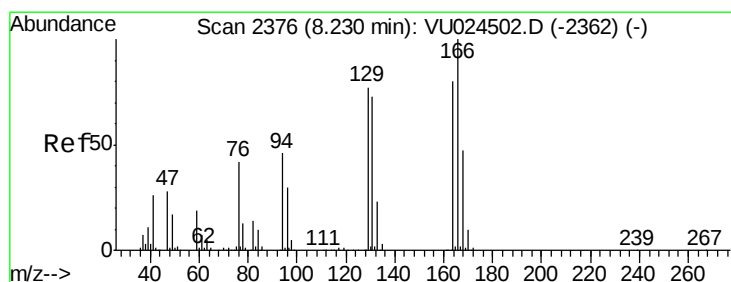
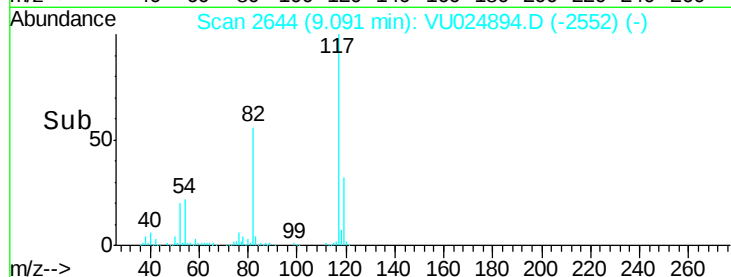
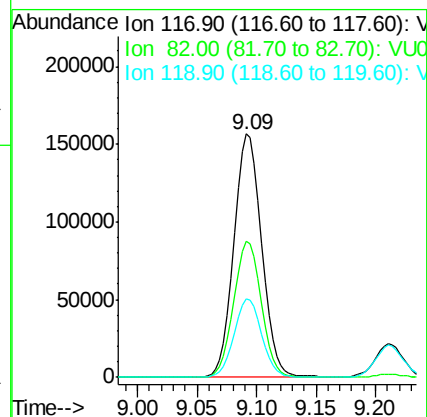
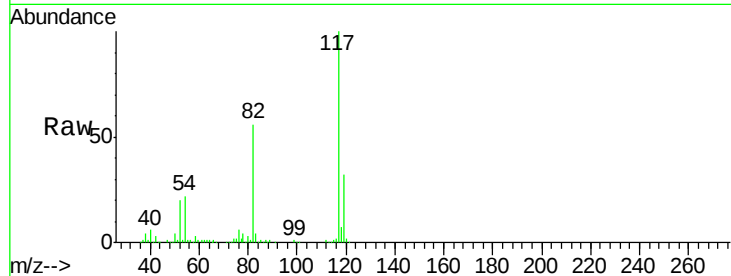
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	254223		
82	55.9		44.3	66.5
119	32.0		25.4	38.2

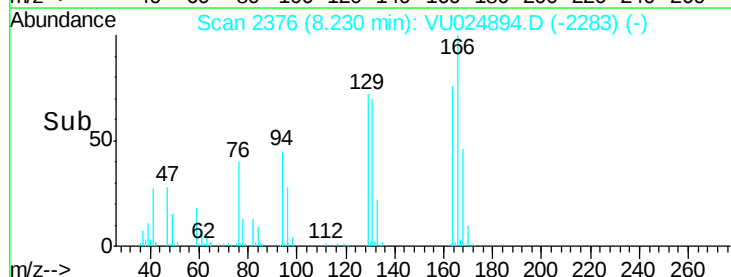
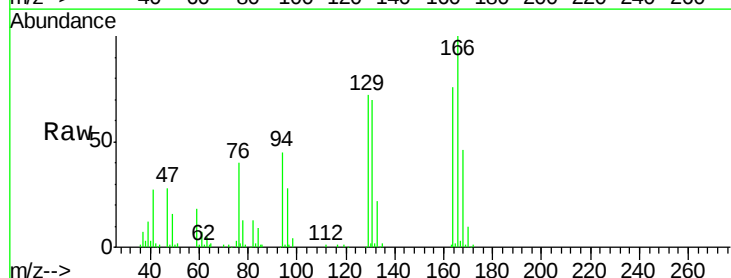
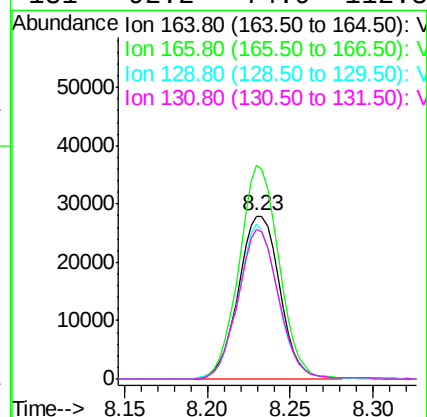
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#64
Tetrachloroethene
Concen: 20.17 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48734		
166	131.0		101.7	152.5
129	95.0		76.9	115.3
131	92.2		74.9	112.3





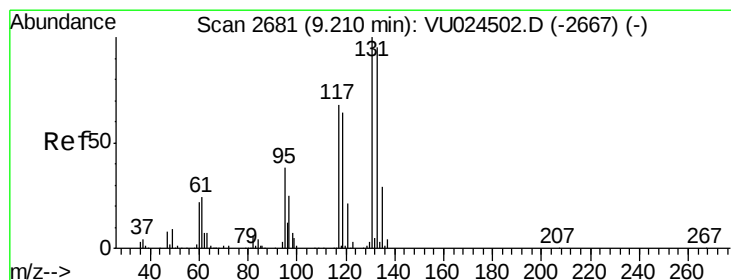
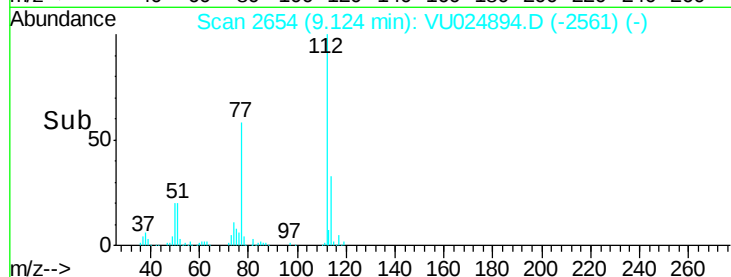
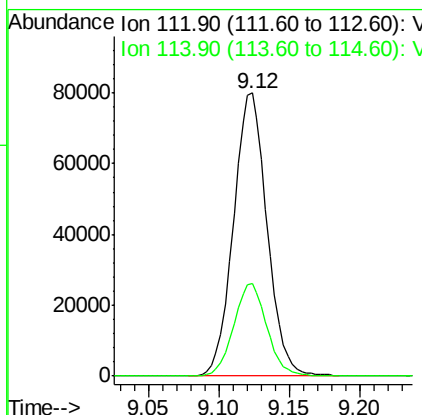
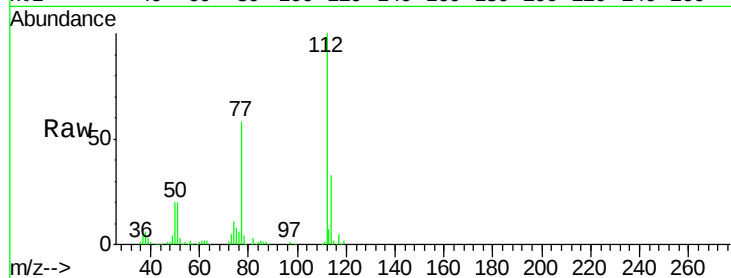
#65
Chlorobenzene
Concen: 20.53 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.6	38.4

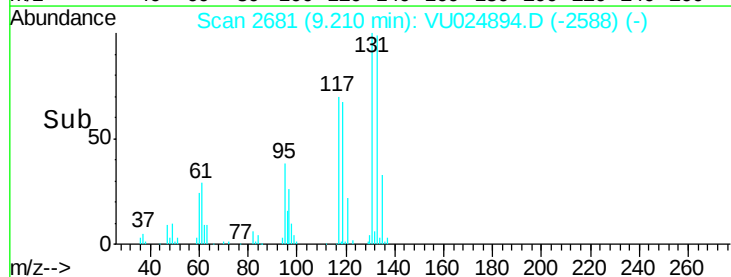
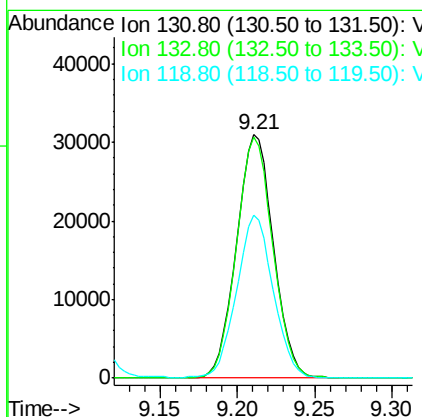
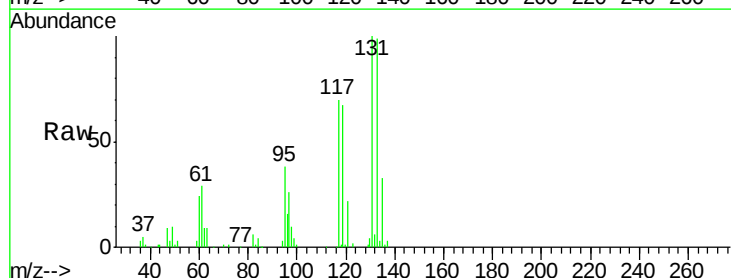
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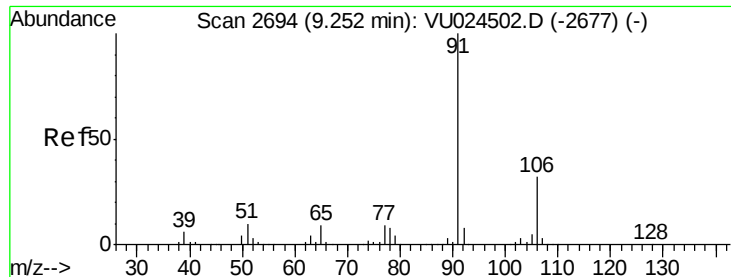
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.86 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	46.9	140.8
119	66.2	33.5	100.4





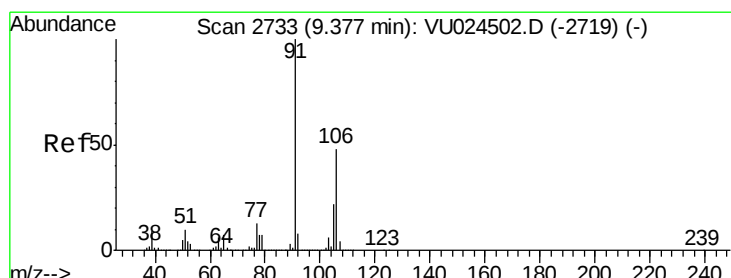
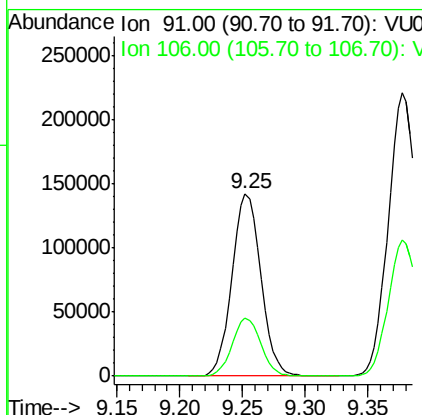
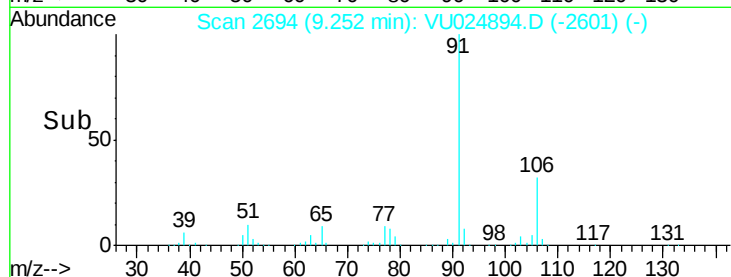
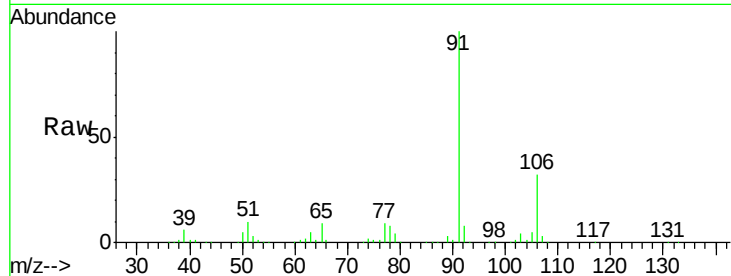
#67
Ethyl Benzene
Concen: 20.07 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion: 91 Resp: 228535
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4

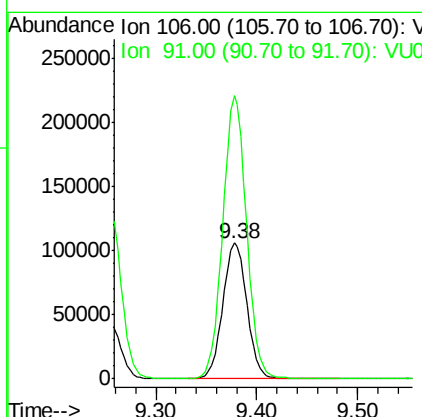
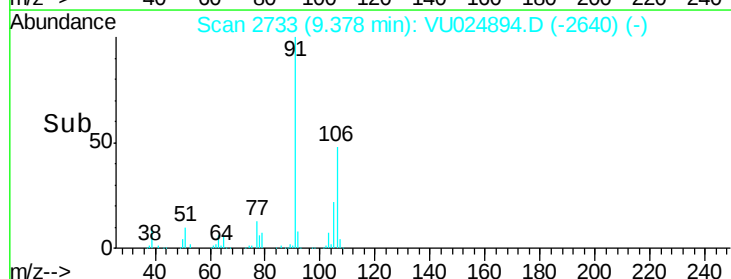
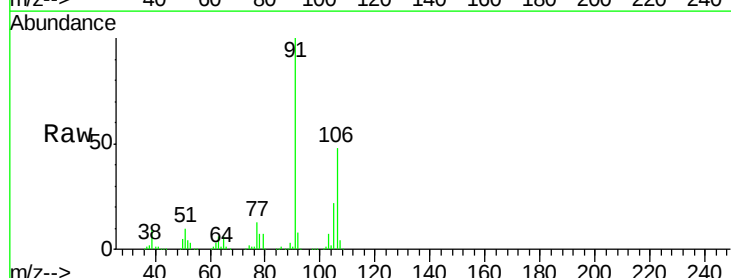
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#68
m/p-Xylenes
Concen: 40.63 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion: 106 Resp: 177611
Ion Ratio Lower Upper
106 100
91 204.4 166.5 249.7





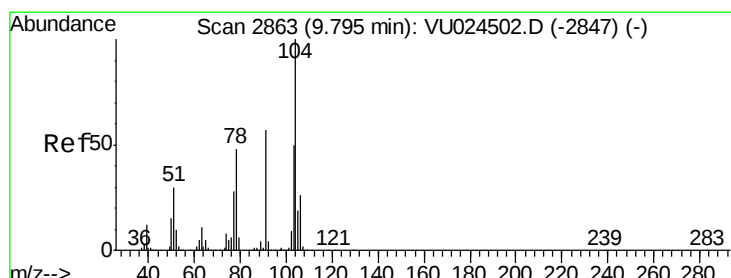
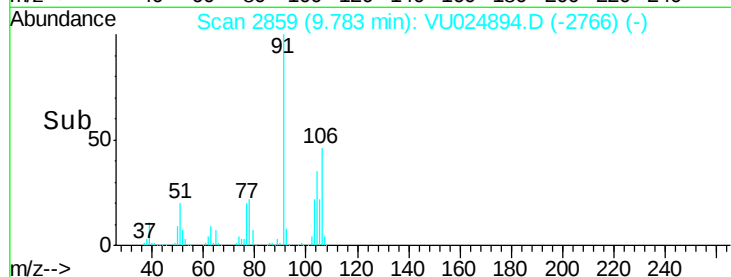
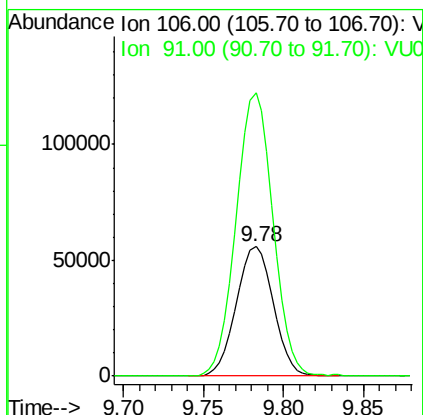
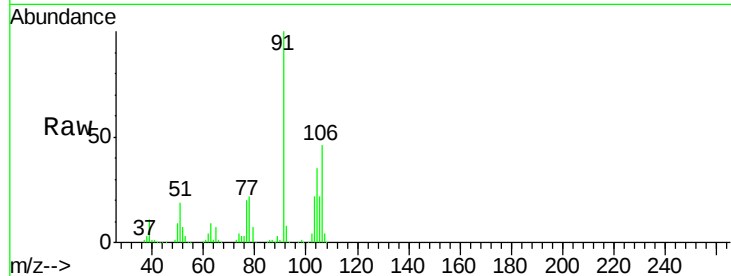
#69
o-Xylene
Concen: 20.38 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.2	110.7	331.9

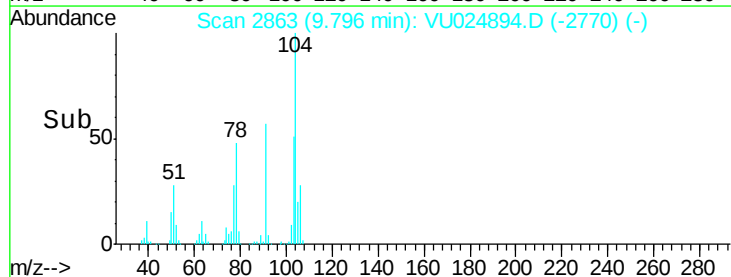
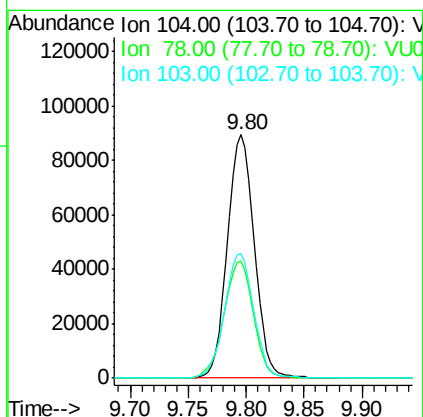
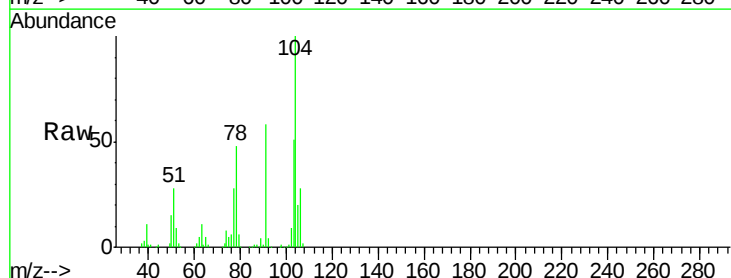
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#70
Styrene
Concen: 20.20 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.5	40.6	60.8
103	55.4	44.7	67.1





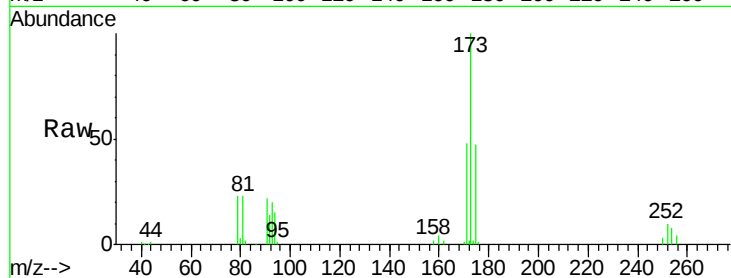
#71
Bromoform
Concen: 18.98 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

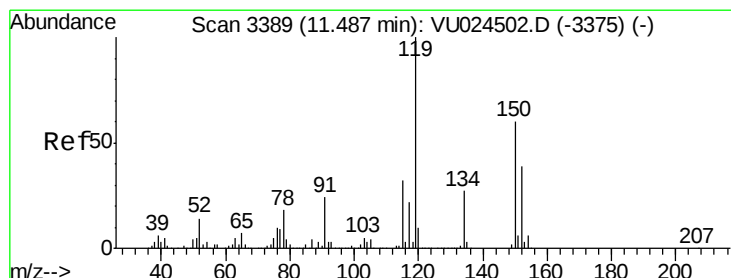
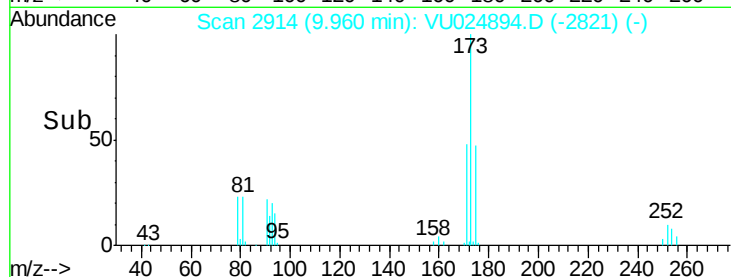
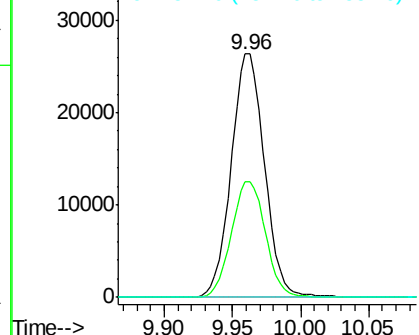
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	74.0
254	0.0	0.0	0.0

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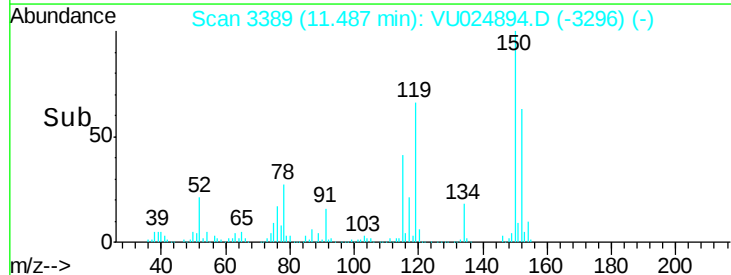
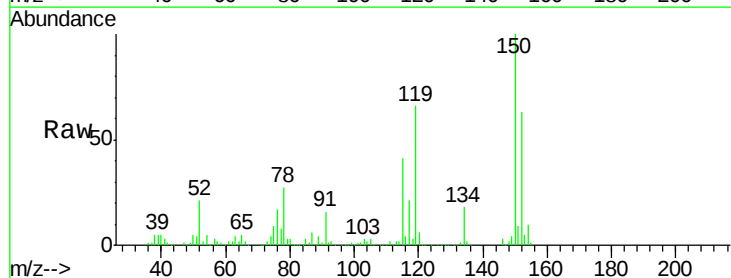
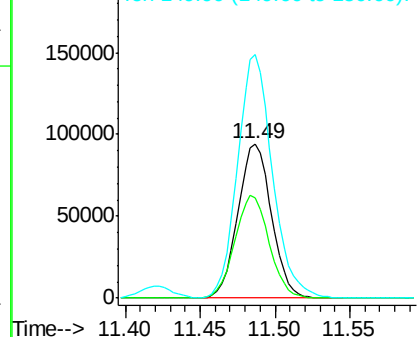
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.2	43.0	129.0
150	164.5	0.0	354.0

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





#73

Isopropylbenzene

Concen: 20.99 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion:105 Resp: 236734

Ion Ratio Lower Upper

105 100

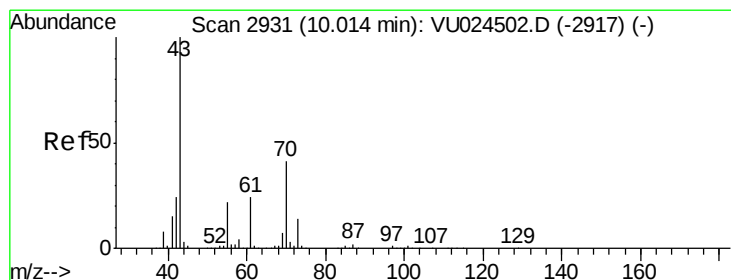
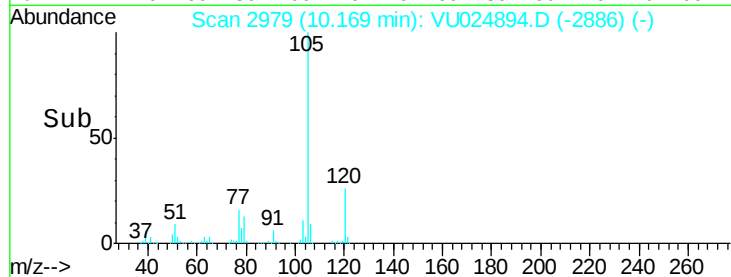
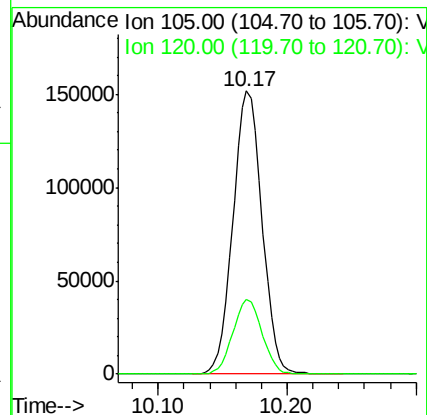
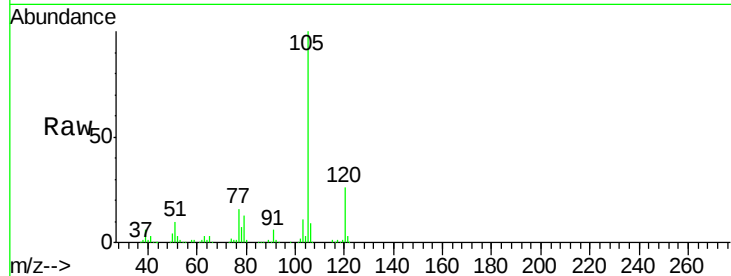
120 26.6 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.57 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion: 43 Resp: 105000

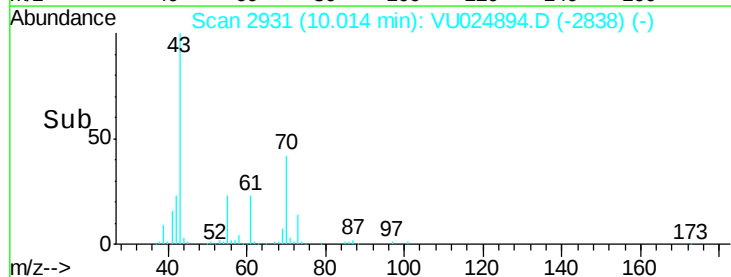
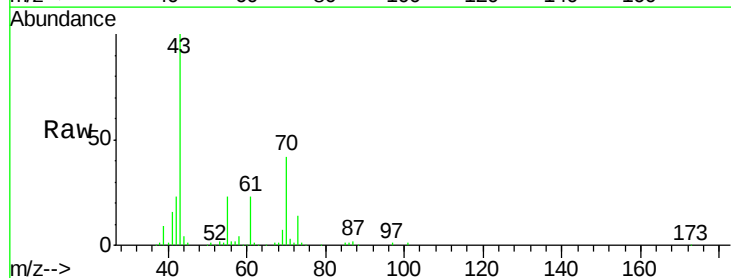
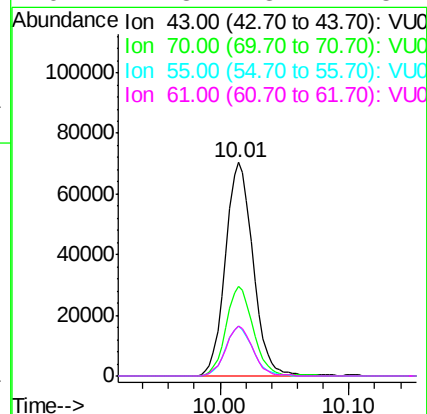
Ion Ratio Lower Upper

43 100

70 41.3 32.2 48.4

55 23.0 20.5 30.7

61 22.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.89 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion: 83 Resp: 82725

Ion Ratio Lower Upper

83 100

131 10.5 4.7 14.1

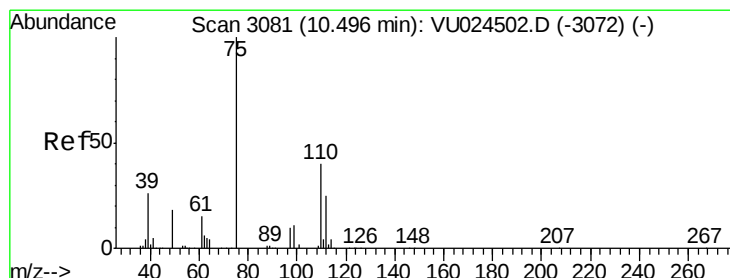
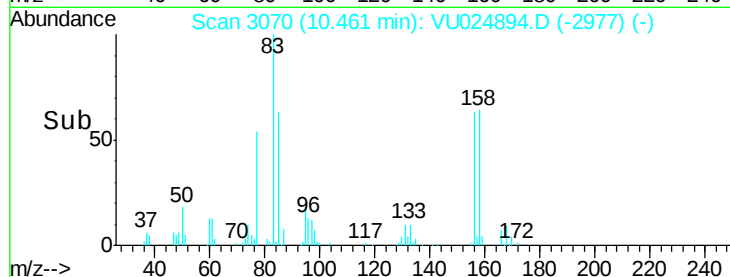
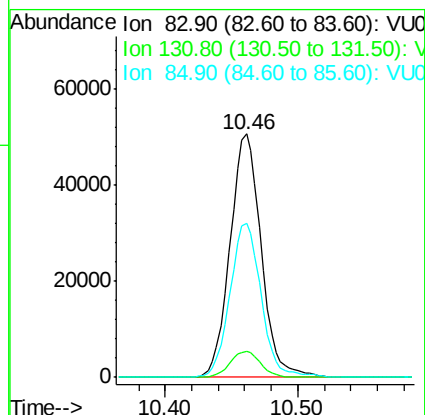
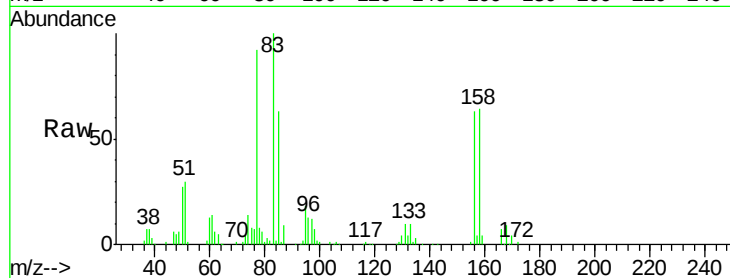
85 63.6 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 23.09 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024894.D

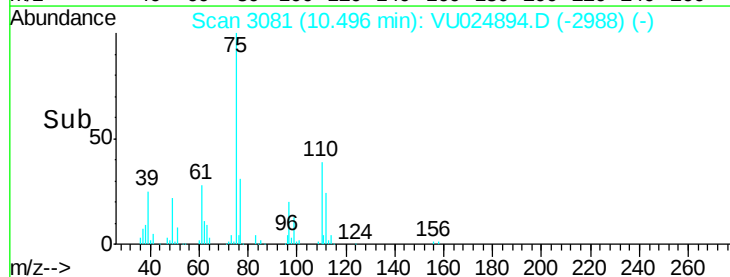
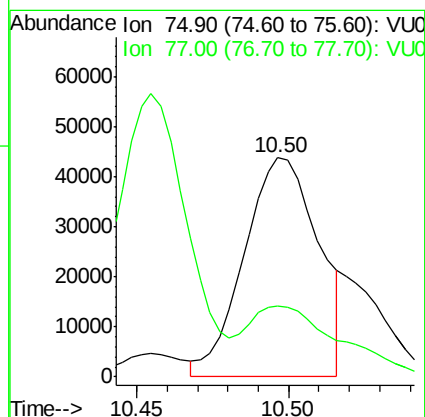
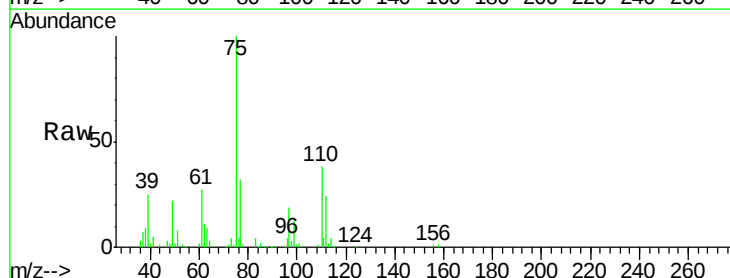
Acq: 25 Jun 2018 23:24

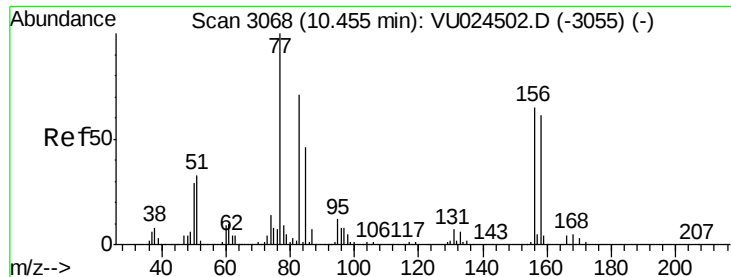
Tgt Ion: 75 Resp: 74680

Ion Ratio Lower Upper

75 100

77 41.2 20.9 62.7





#77

Bromobenzene

Concen: 21.38 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

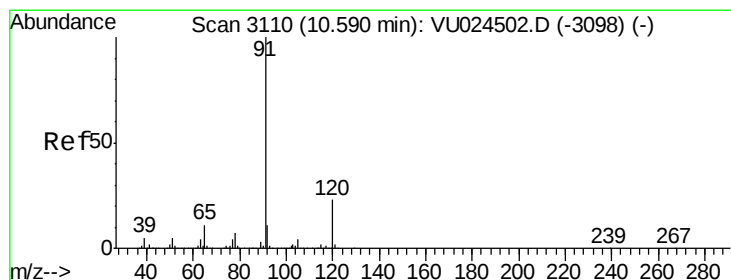
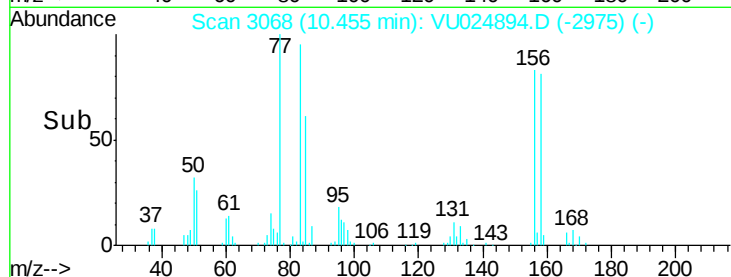
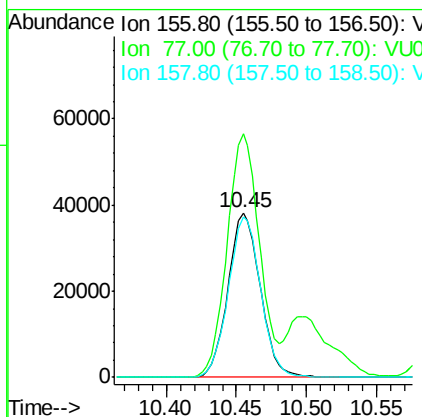
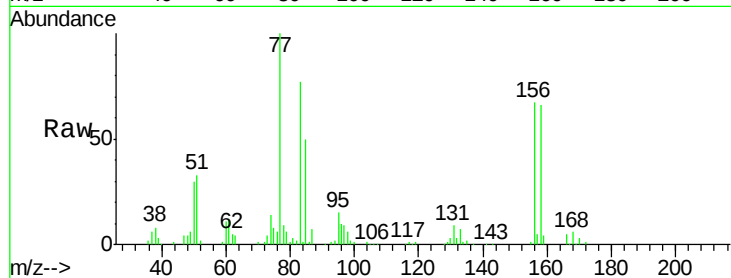
ClientSampleId :

VU0625MBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	149.5	80.5	241.3	
158	98.2	48.2	144.6	

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#78

n-propylbenzene

Concen: 19.96 ug/l

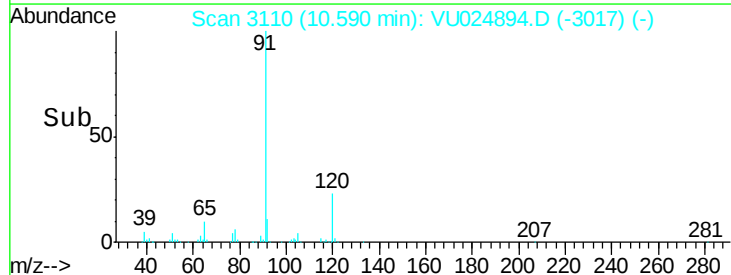
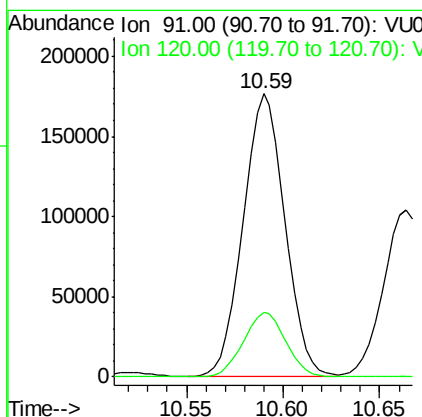
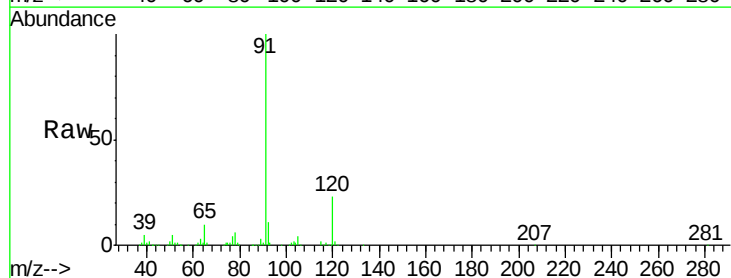
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.3	11.2	33.5	





#79

2-Chlorotoluene

Concen: 20.97 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion: 91 Resp: 164308

Ion Ratio Lower Upper

91 100

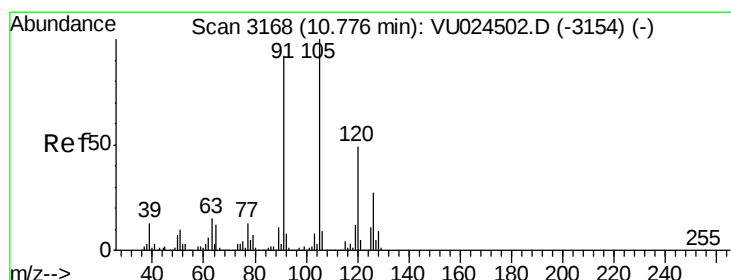
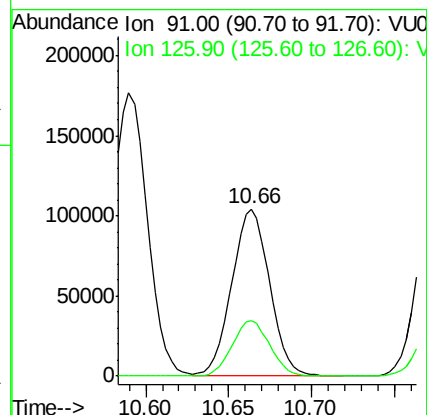
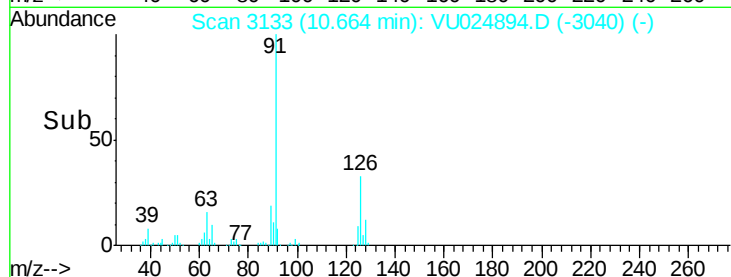
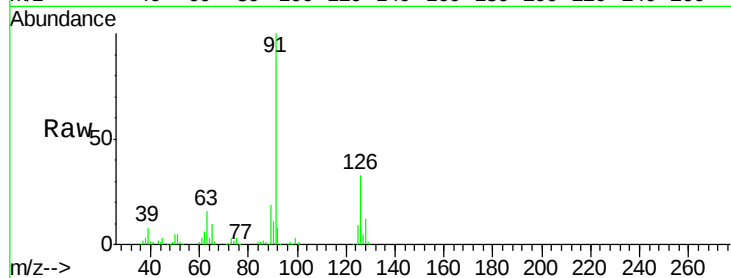
126 33.3 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 20.73 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU024894.D

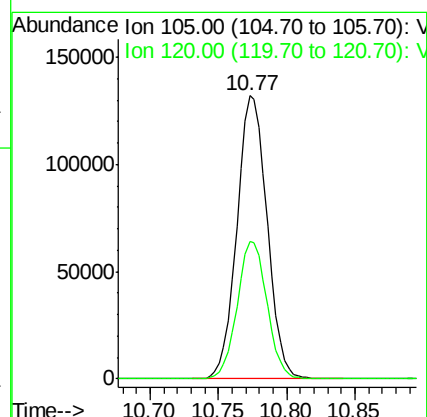
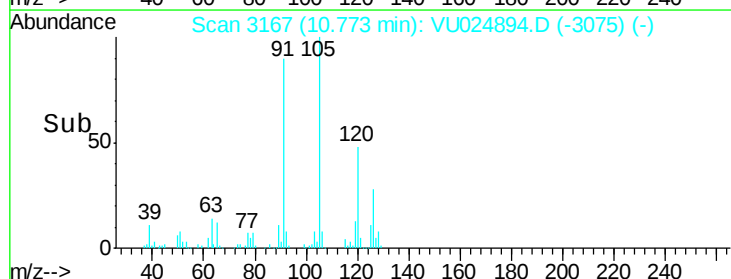
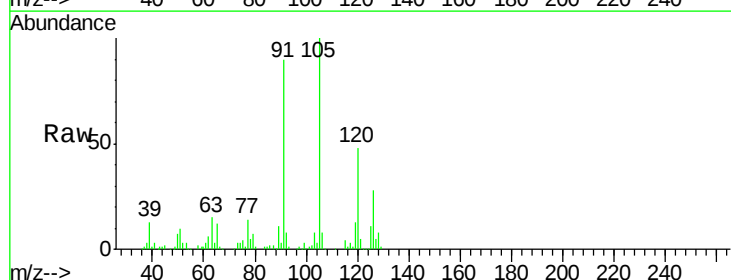
Acq: 25 Jun 2018 23:24

Tgt Ion: 105 Resp: 202618

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2





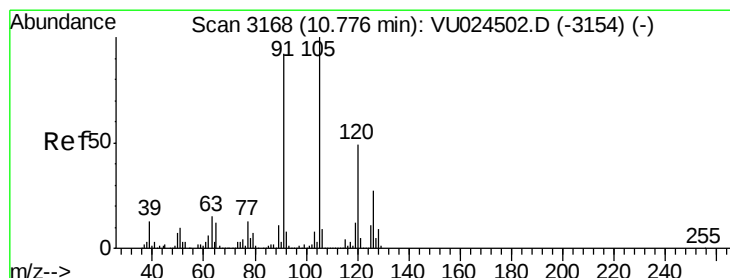
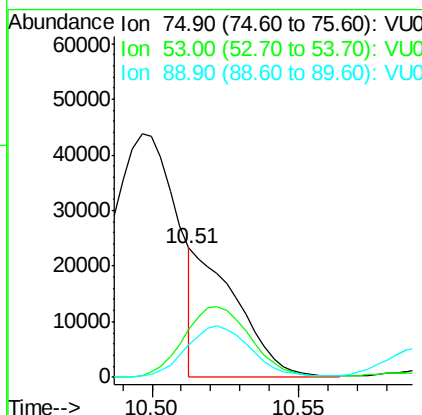
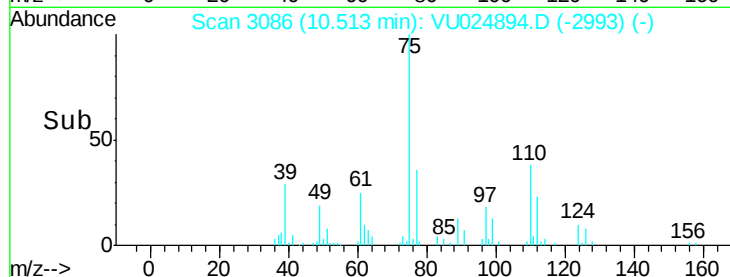
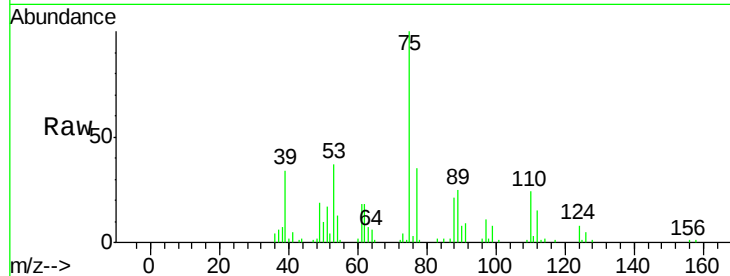
#81
trans-1,4-Dichloro-2-butene
Concen: 17.29 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

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

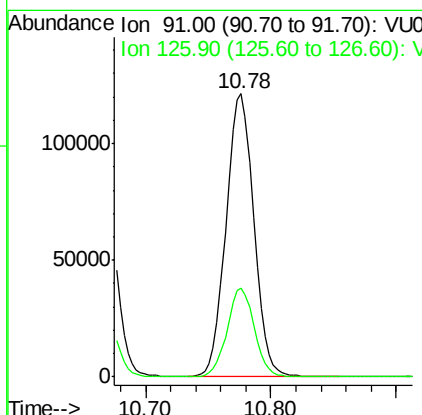
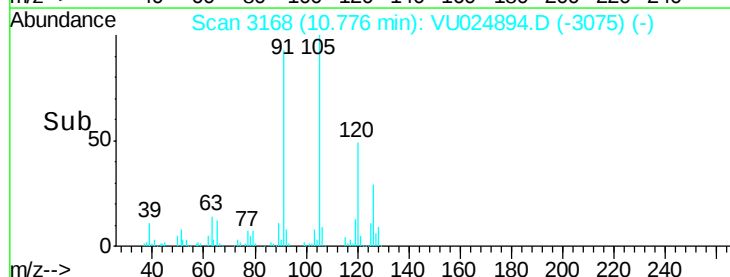
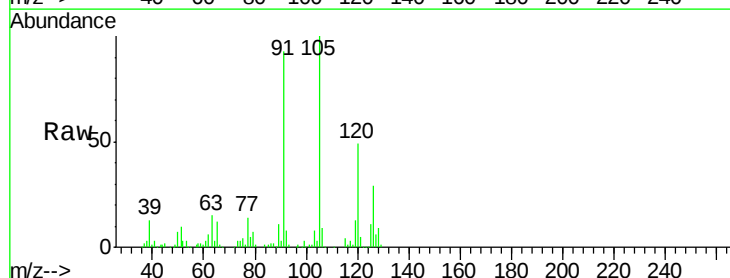
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#82
4-Chlorotoluene
Concen: 20.39 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	14.9	44.9





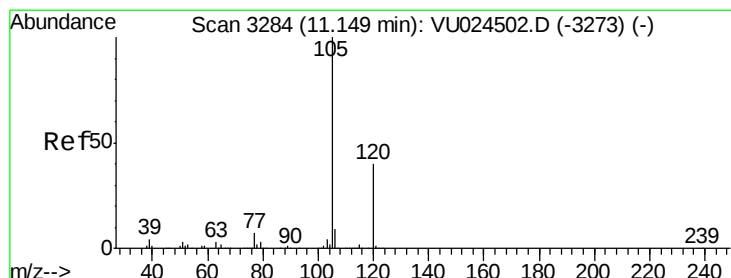
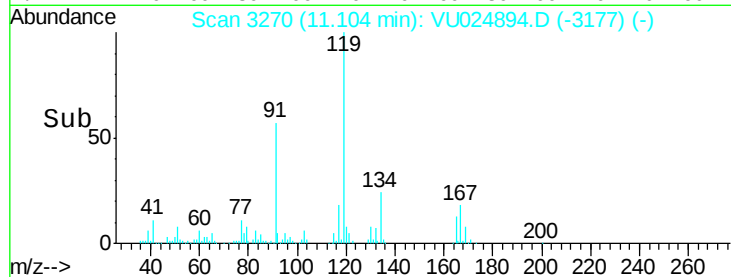
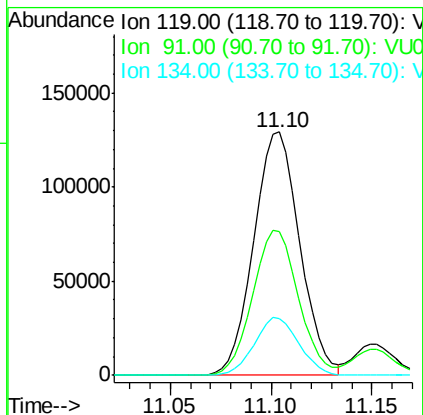
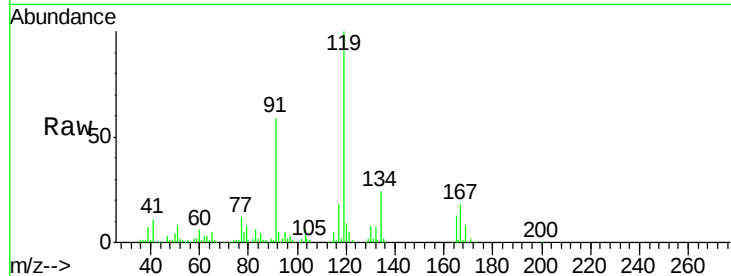
#83
 tert-Butylbenzene
 Concen: 21.91 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	206025		
91	59.5	29.7	89.1	
134	23.0	11.6	34.7	

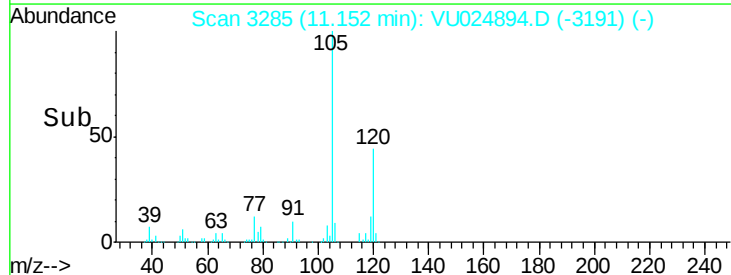
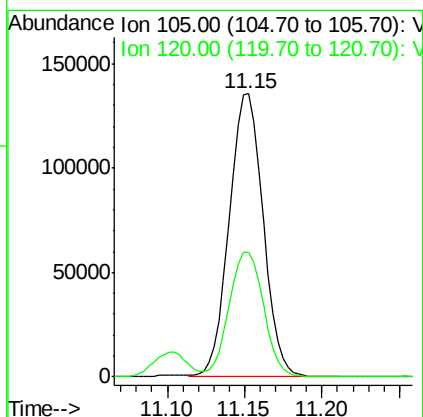
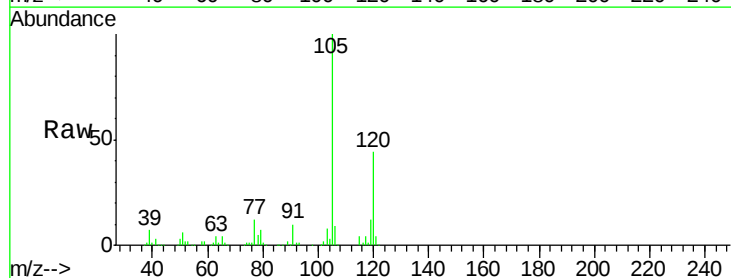
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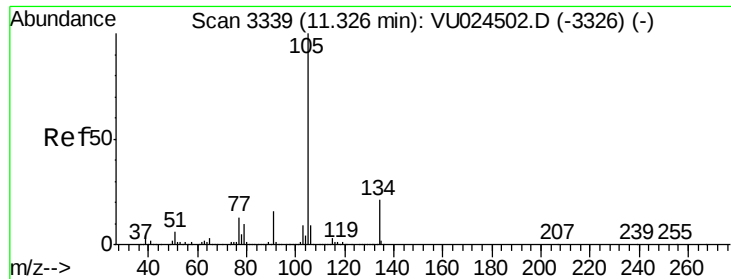
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.61 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205300		
120	45.1	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.74 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion:105 Resp: 244190

Ion Ratio Lower Upper

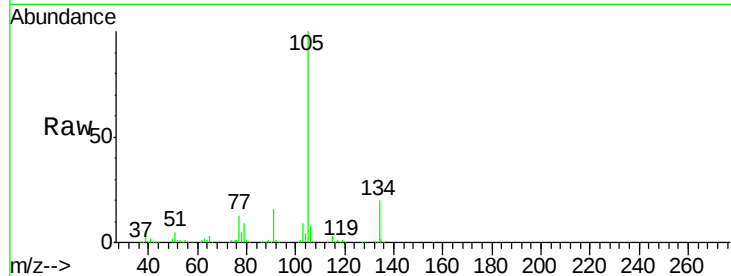
105 100

134 20.4 9.7 29.1

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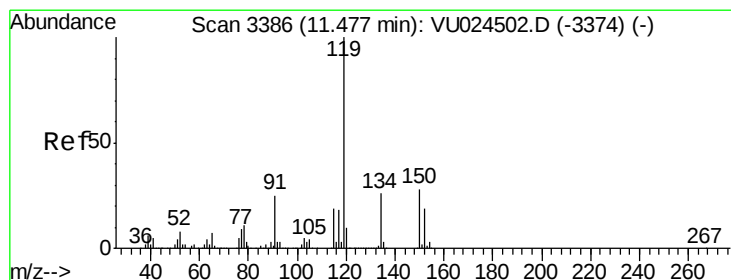
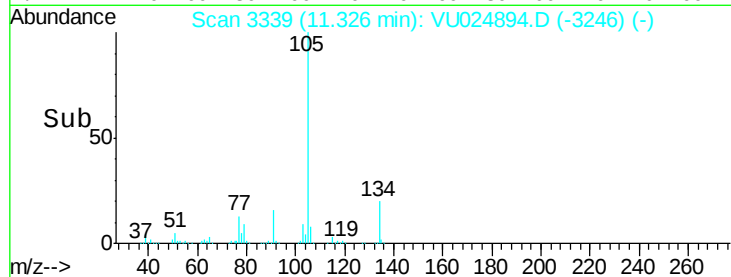
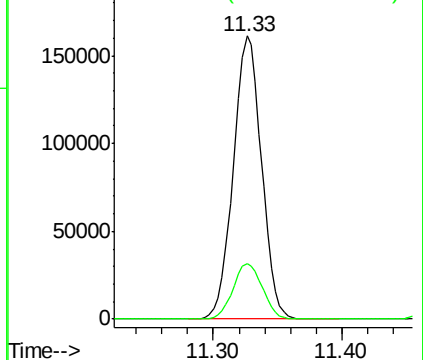
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.04 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

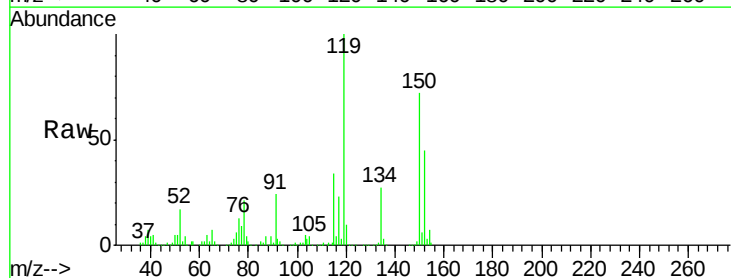
Tgt Ion:119 Resp: 211302

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

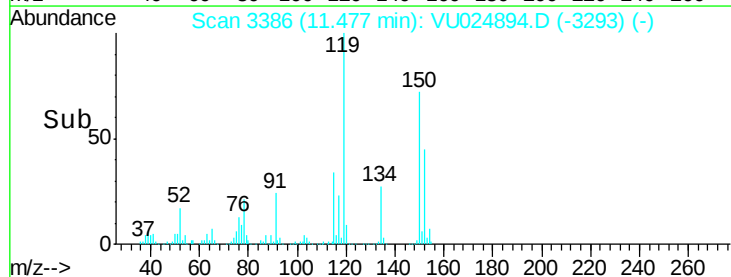
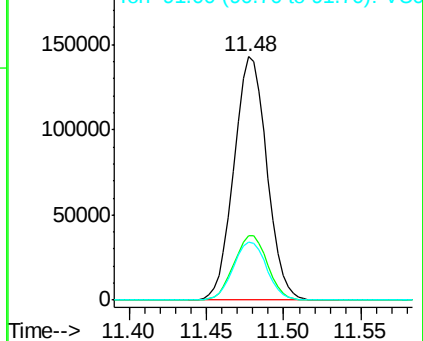
91 24.4 12.0 36.1

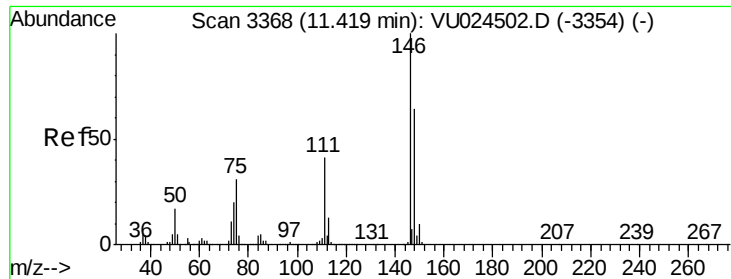


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





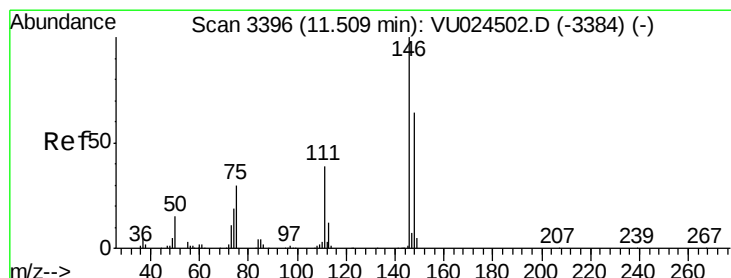
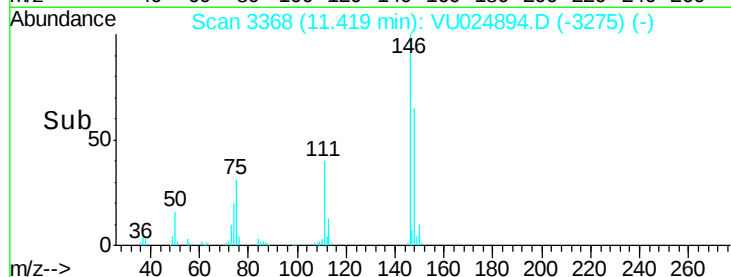
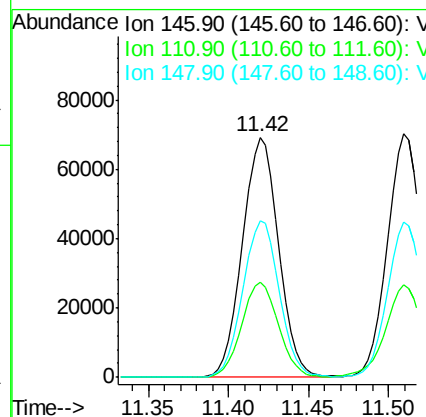
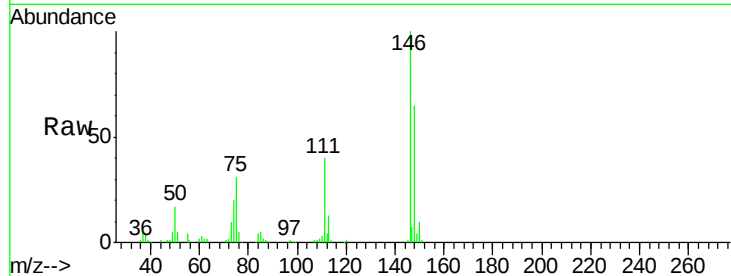
#87
 1,3-Dichlorobenzene
 Concen: 20.21 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	65.9	32.1	96.5

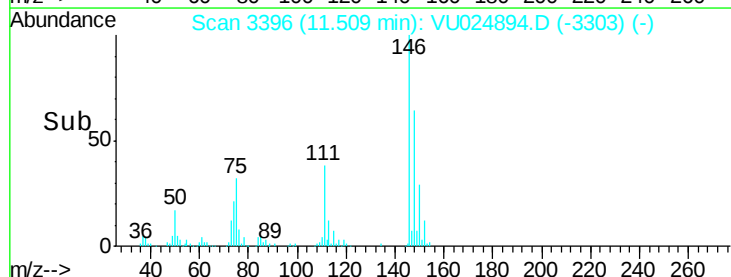
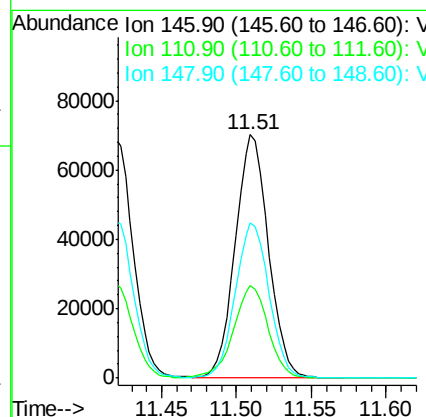
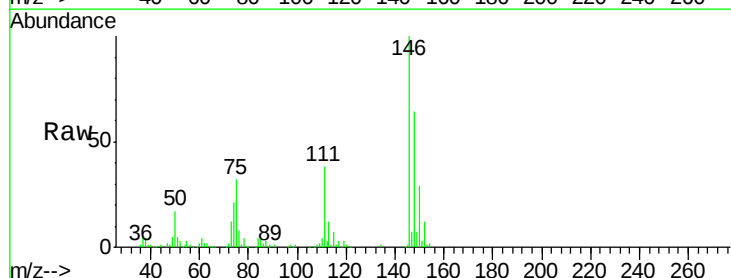
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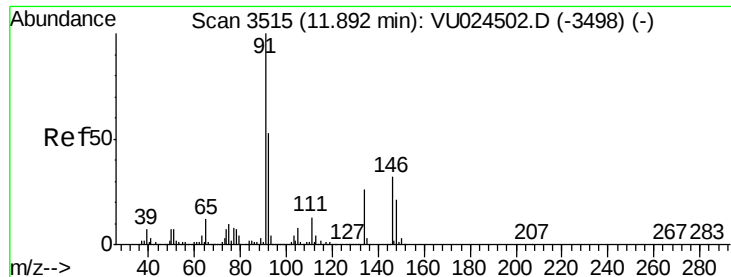
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#88
 1,4-Dichlorobenzene
 Concen: 20.49 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	65.0	32.4	97.0





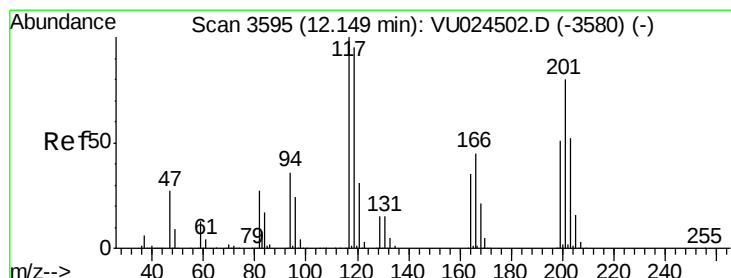
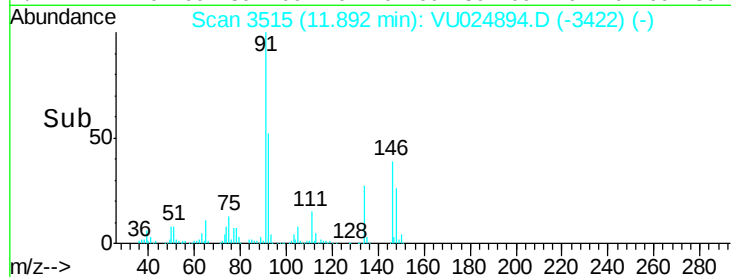
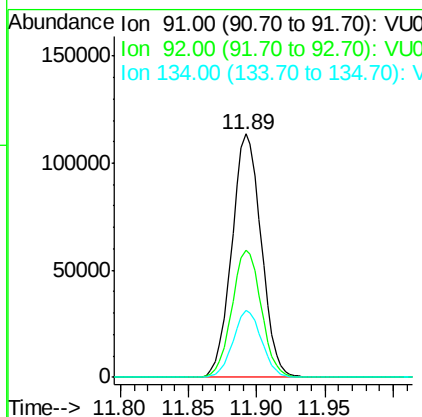
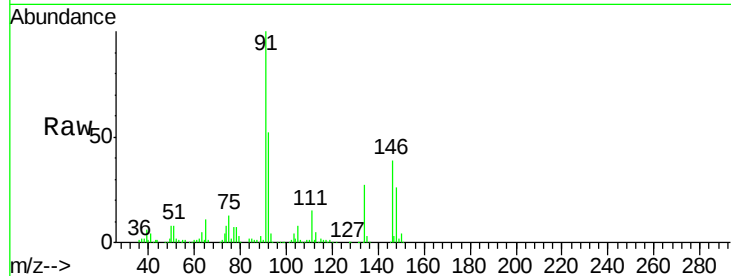
#89
n-Butylbenzene
Concen: 18.23 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.6	76.8
134	26.7	12.3	36.8

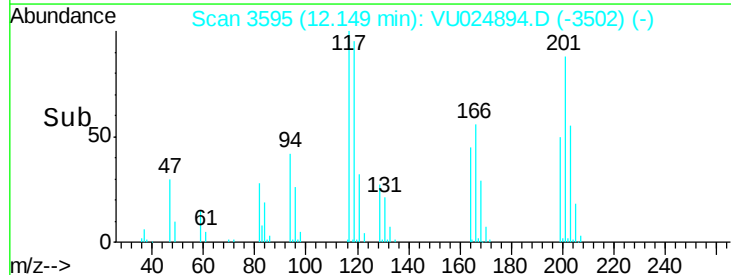
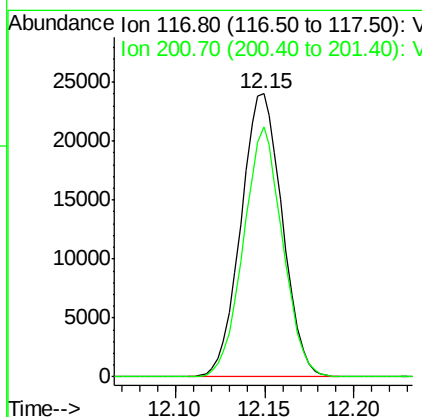
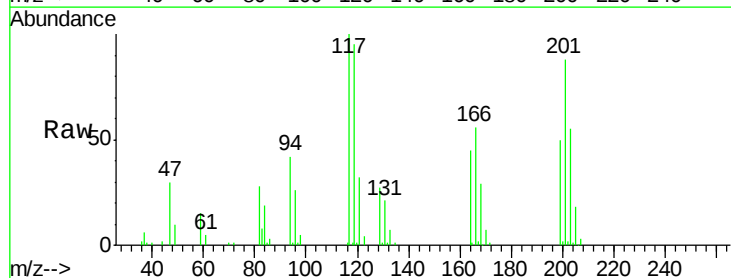
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#90
Hexachloroethane
Concen: 18.94 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024894.D
Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.5	41.1	123.3





#91

1,2-Dichlorobenzene

Concen: 21.48 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

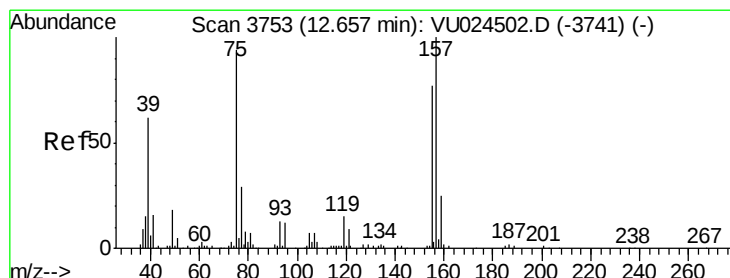
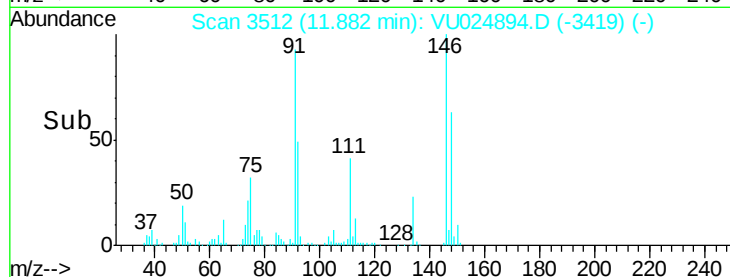
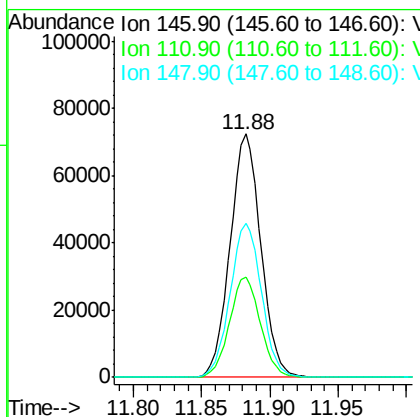
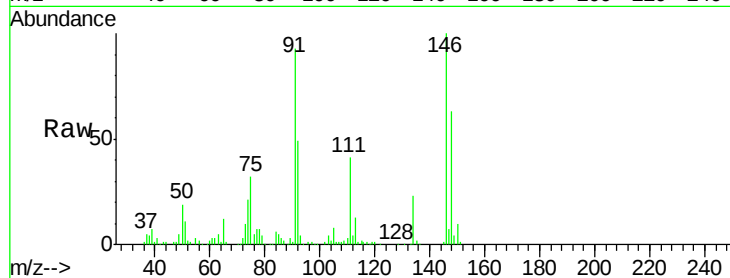
ClientSampleId :

VU0625MBS02

Tot Ion:	146	Resp:	113509
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.5	61.6
148	64.2	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.11 ug/l

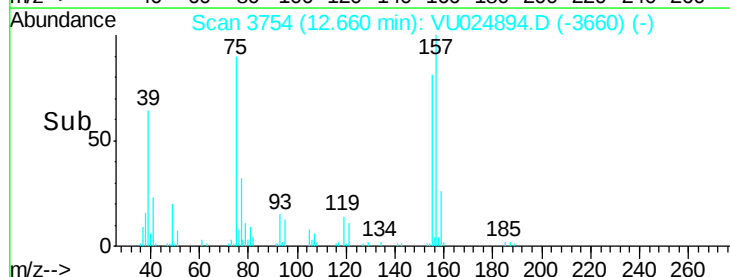
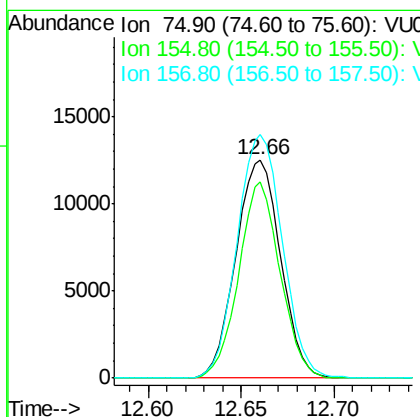
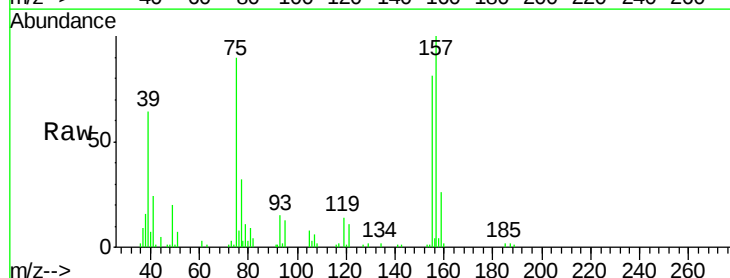
RT: 12.66 min Scan# 3754

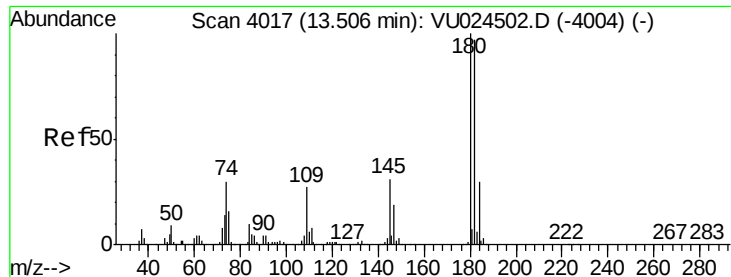
Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion:	75	Resp:	20971
Ion Ratio	Lower	Upper	
75	100		
155	83.0	40.4	121.2
157	113.1	52.3	156.8





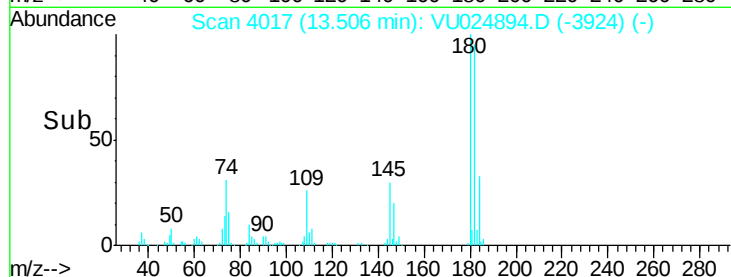
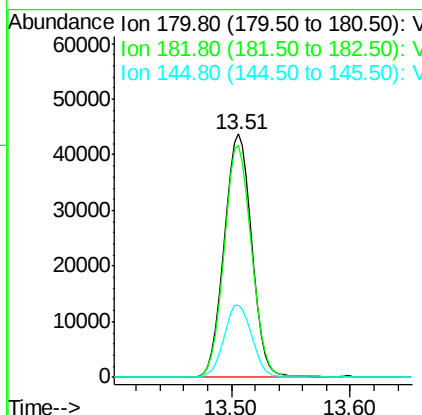
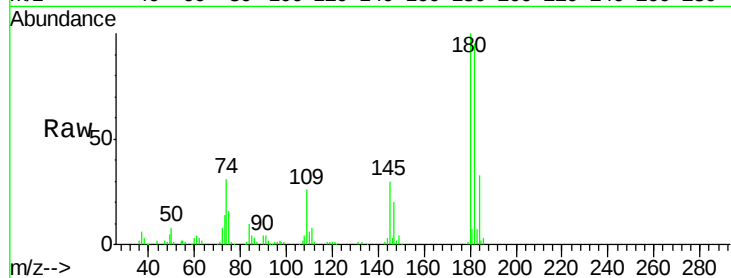
#93
 1,2,4-Trichlorobenzene
 Concen: 21.52 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.2
145	30.2	14.7	44.1

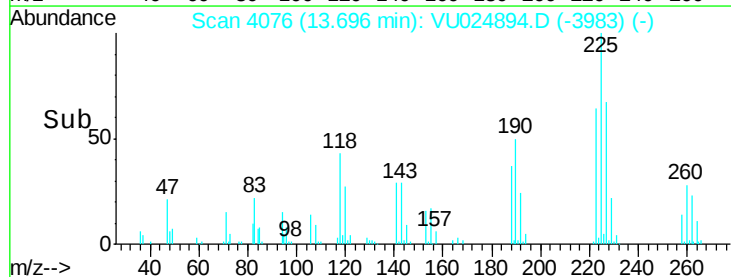
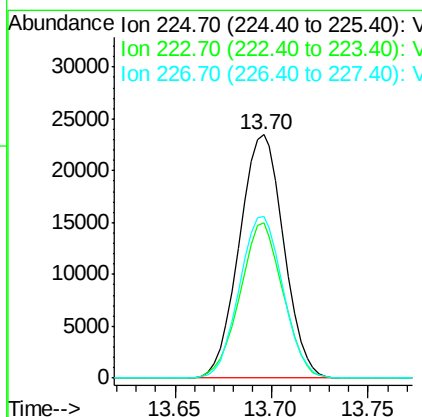
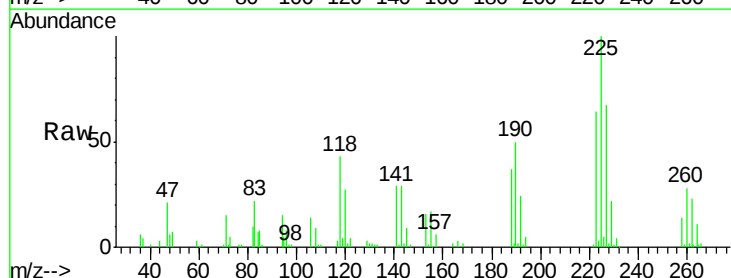
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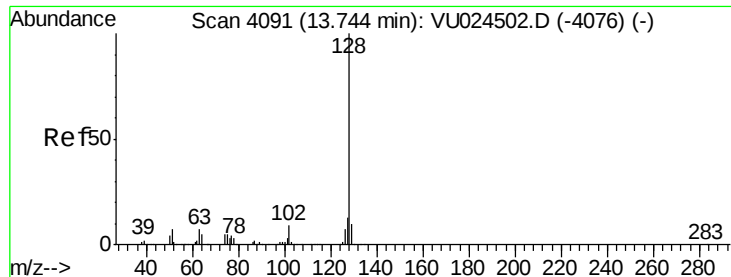
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#94
 Hexachlorobutadiene
 Concen: 20.39 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024894.D
 Acq: 25 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.3	93.8
227	65.5	31.8	95.4





#95

Naphthalene

Concen: 22.36 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Instrument :

MSVOA_U

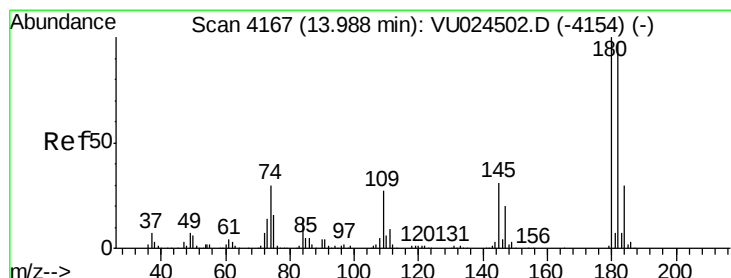
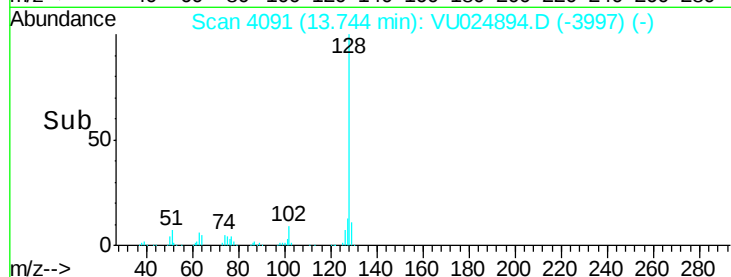
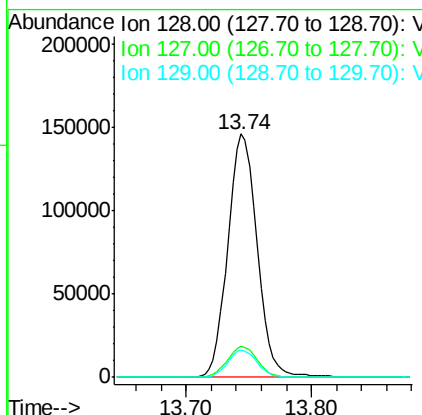
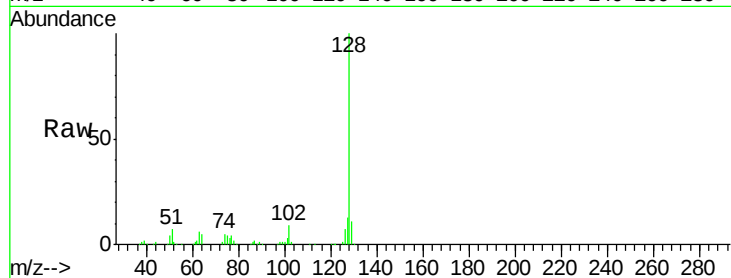
ClientSampleId :

VU0625MBS02

Tot Ion:	128	Resp:	237466
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	11.0	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 22.95 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024894.D

Acq: 25 Jun 2018 23:24

Tgt Ion:	180	Resp:	74607
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.9	143.7
145	31.3	15.4	46.1

