

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024916.D
 Acq On : 26 Jun 2018 08:15
 Operator : MD/SY
 Sample : VU0625MBSD02
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Manual Integrations
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 6/27/2018 11:20:48 AM

Quant Time: Jun 26 08:58:42 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	172404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	266543	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	249337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	140589	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.90%		
35) Dibromofluoromethane	4.89	113	110791	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.16%		
50) Toluene-d8	7.57	98	382402	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.78%		
62) 4-Bromofluorobenzene	10.31	95	149320	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.22%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	39790	18.44	ug/l	97
3) Chloromethane	1.33	50	41201	18.69	ug/l	98
4) Vinyl Chloride	1.41	62	43792	19.26	ug/l	98
5) Bromomethane	1.63	94	28114	25.58	ug/l	97
6) Chloroethane	1.70	64	30045	23.08	ug/l	100
7) Trichlorofluoromethane	1.89	101	72070	20.77	ug/l	99
8) Diethyl Ether	2.10	74	28134	22.80	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42703	19.84	ug/l	97
10) Methyl Iodide	2.42	142	38597	24.23	ug/l	99
11) Tert butyl alcohol	2.83	59	66664	97.39	ug/l	98
12) 1,1-Dichloroethene	2.29	96	38726	19.73	ug/l	99
13) Acrolein	2.20	56	15973	44.44	ug/l	96
14) Allyl chloride	2.60	41	73030	20.04	ug/l	93
15) Acrylonitrile	2.94	53	132715	99.65	ug/l	99
16) Acetone	2.32	43	129324	85.52	ug/l	99
17) Carbon Disulfide	2.48	76	101196	16.10	ug/l	97
18) Methyl Acetate	2.62	43	76671	23.65	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	156832	21.25	ug/l	97
20) Methylene Chloride	2.71	84	53458	22.53	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	42586	19.70	ug/l	99
22) Diisopropyl ether	3.57	45	150385	20.81	ug/l	94
23) Vinyl Acetate	3.53	43	600489	92.78	ug/l	99
24) 1,1-Dichloroethane	3.45	63	85221	20.50	ug/l	99
25) 2-Butanone	4.26	43	189512	93.30	ug/l	96
26) 2,2-Dichloropropane	4.23	77	57620	14.60	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	52021	20.93	ug/l	96
28) Bromochloromethane	4.55	49	41740	22.80	ug/l	89
29) Tetrahydrofuran	4.64	42	123575	98.24	ug/l	96
30) Chloroform	4.68	83	89948	21.38	ug/l	99
31) Cyclohexane	5.00	56	76596	19.55	ug/l	91
32) 1,1,1-Trichloroethane	4.92	97	84076	21.61	ug/l	96
36) 1,1-Dichloropropene	5.14	75	60990	19.47	ug/l	97
37) Ethyl Acetate	4.38	43	73005	21.39	ug/l	97
38) Carbon Tetrachloride	5.14	117	71516	20.76	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	73488	18.80	ug/l	96
40) Benzene	5.39	78	186532	20.90	ug/l	98
41) Methacrylonitrile	4.54	41	39034	21.21	ug/l	96
42) 1,2-Dichloroethane	5.41	62	76151	22.40	ug/l	99
43) Isopropyl Acetate	5.55	43	118933	20.16	ug/l	99
44) Trichloroethene	6.19	130	50466	19.87	ug/l	94
45) 1,2-Dichloropropane	6.44	63	50627	21.26	ug/l	99
46) Dibromomethane	6.56	93	36782	21.99	ug/l	95
47) Bromodichloromethane	6.76	83	69845	20.97	ug/l	97
48) Methyl methacrylate	6.63	41	60559	21.08	ug/l	97
49) 1,4-Dioxane	6.63	88	27603	491.23	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	383184	103.36	ug/l	98
52) Toluene	7.64	92	119067	20.74	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	70787	18.92	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	73730	18.50	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	50233	21.52	ug/l	97
56) Ethyl methacrylate	8.02	69	80466	20.60	ug/l	98
57) 1,3-Dichloropropane	8.25	76	84520	21.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	67924	45.39	ug/l	96
59) 2-Hexanone	8.36	43	293432	96.95	ug/l	100
60) Dibromochloromethane	8.48	129	55242	18.98	ug/l	99
61) 1,2-Dibromoethane	8.59	107	54039	20.80	ug/l	100
64) Tetrachloroethene	8.23	164	53805	22.70	ug/l	97
65) Chlorobenzene	9.12	112	136265	21.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	51949	21.47	ug/l	97
67) Ethyl Benzene	9.25	91	231164	20.70	ug/l	97
68) m/p-Xylenes	9.38	106	178905	41.72	ug/l	97
69) o-Xylene	9.78	106	89480	21.09	ug/l	96
70) Styrene	9.80	104	144389	20.70	ug/l	98
71) Bromoform	9.96	173	42796	18.61	ug/l #	99
73) Isopropylbenzene	10.17	105	240102	22.48	ug/l	100
74) N-amyl acetate	10.01	43	102404	20.15	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	81550	22.78	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	73535m	24.01	ug/l	
77) Bromobenzene	10.45	156	61761	22.84	ug/l	95
78) n-propylbenzene	10.59	91	265620	21.11	ug/l	97
79) 2-Chlorotoluene	10.66	91	163964	22.10	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	200557	21.66	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	22470m	16.98	ug/l	
82) 4-Chlorotoluene	10.77	91	183983	21.30	ug/l	100
83) tert-Butylbenzene	11.10	119	203784	22.88	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	208306	22.08	ug/l	98
85) sec-Butylbenzene	11.33	105	242519	21.75	ug/l	98
86) p-Isopropyltoluene	11.48	119	209974	21.03	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	106466	21.31	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	107552	21.39	ug/l	99
89) n-Butylbenzene	11.89	91	165831	18.71	ug/l	99
90) Hexachloroethane	12.15	117	36872	18.93	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	111659	22.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21108	21.37	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	69119	22.37	ug/l	98
94) Hexachlorobutadiene	13.70	225	36958	21.25	ug/l	99
95) Naphthalene	13.74	128	232636	23.11	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	75749	24.60	ug/l	100

(#) = 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: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBSD02

Tot Ion:168 Resp: 172404

Ion Ratio Lower Upper

168 100

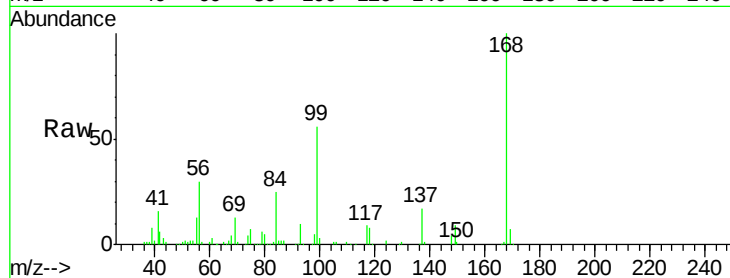
99 55.8 43.2 64.8

Manual Integrations

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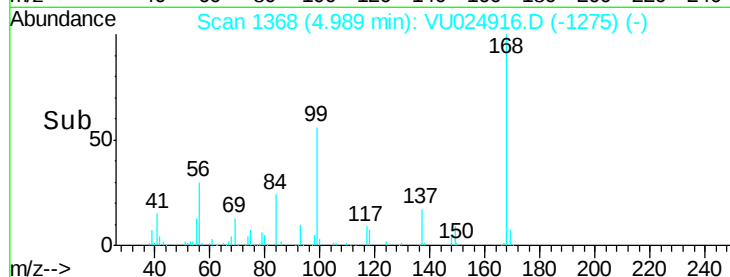
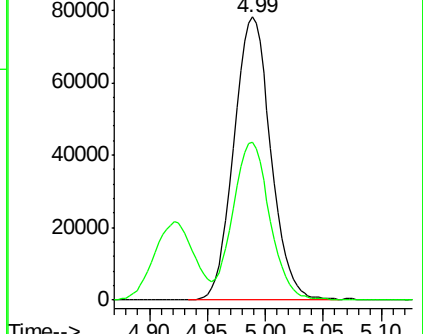
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 18.44 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024916.D

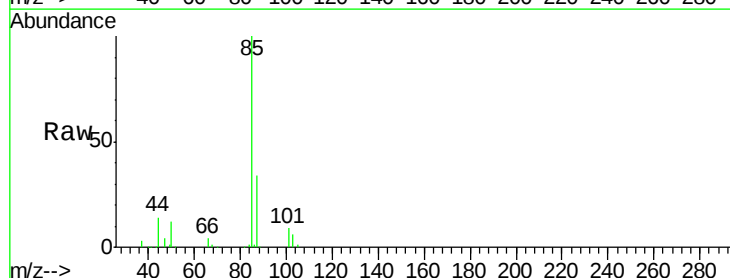
Acq: 26 Jun 2018 08:15

Tgt Ion: 85 Resp: 39790

Ion Ratio Lower Upper

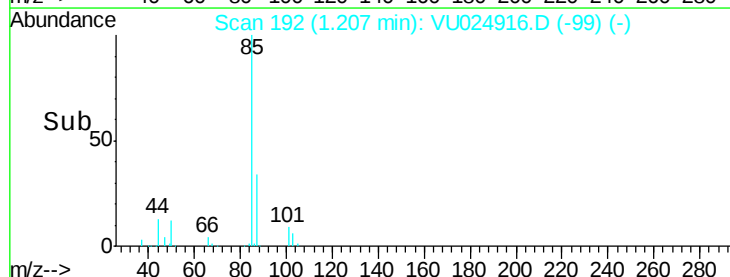
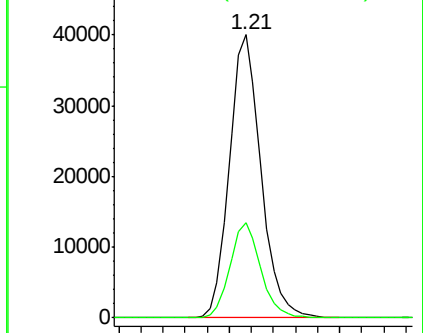
85 100

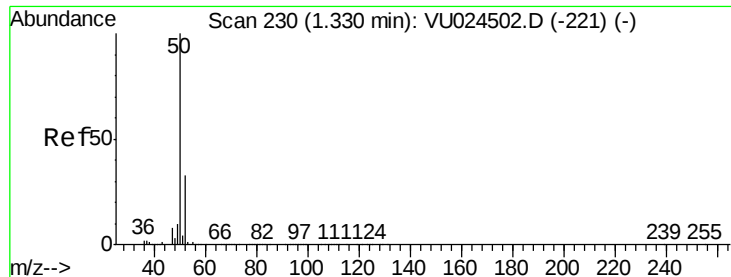
87 33.6 16.1 48.2



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

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





#3

Chloromethane

Concen: 18.69 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBS02

Tot Ion: 50 Resp: 41201

Ion Ratio Lower Upper

50 100

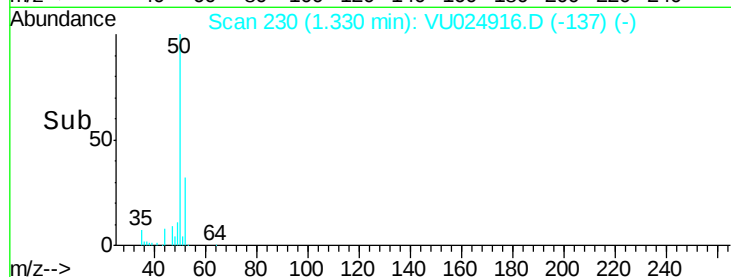
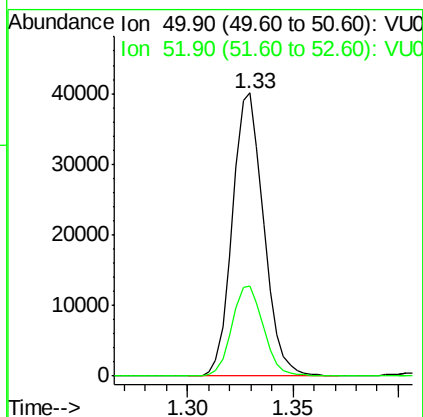
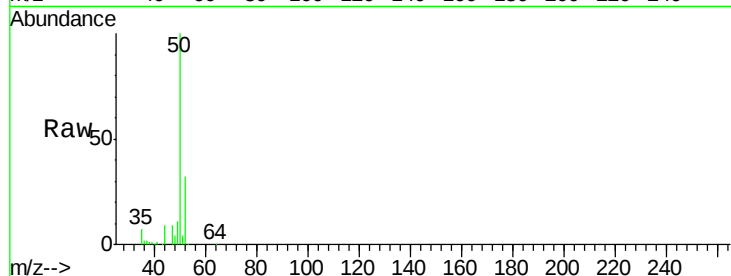
52 31.9 26.4 39.6

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#4

Vinyl Chloride

Concen: 19.26 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024916.D

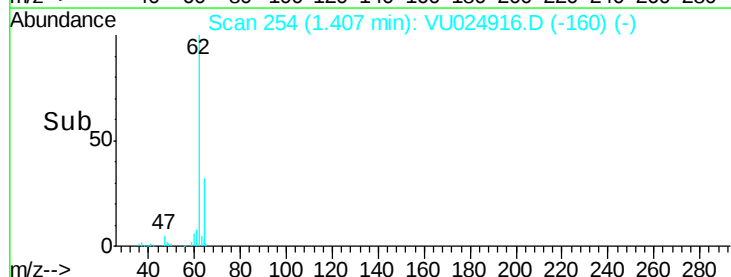
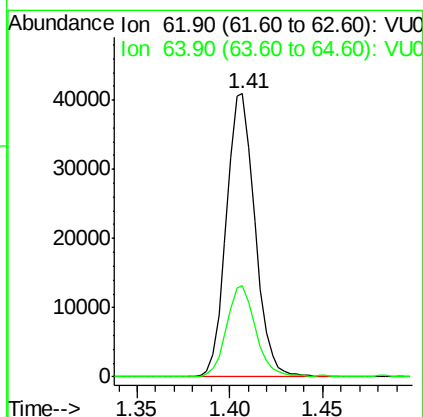
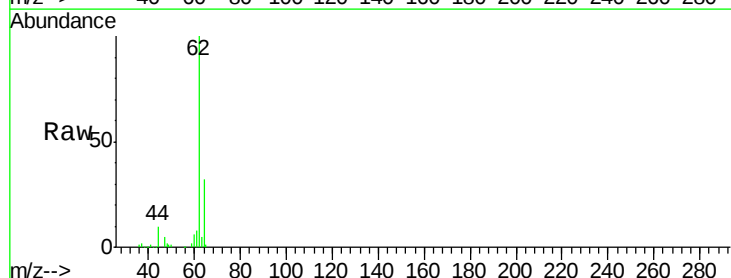
Acq: 26 Jun 2018 08:15

Tgt Ion: 62 Resp: 43792

Ion Ratio Lower Upper

62 100

64 32.1 24.8 37.2





#5

Bromomethane

Concen: 25.58 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBSD02

Tot Ion: 94 Resp: 28114

Ion Ratio Lower Upper

94 100

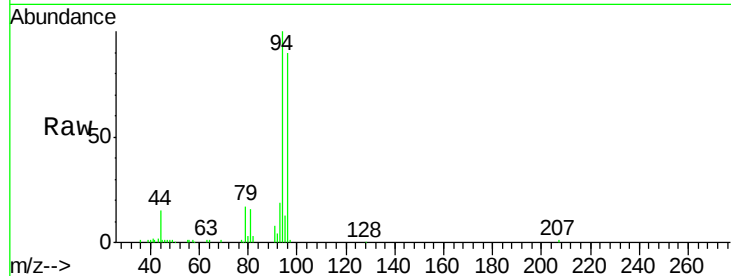
96 90.4 74.5 111.7

Manual Integrations

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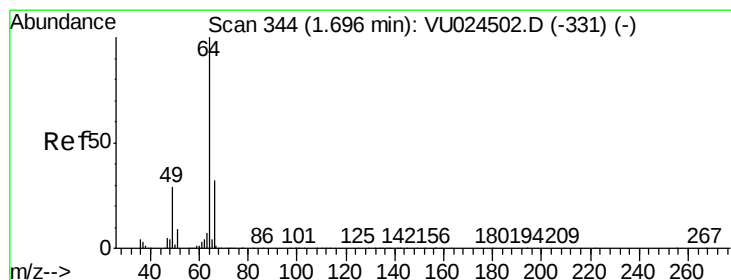
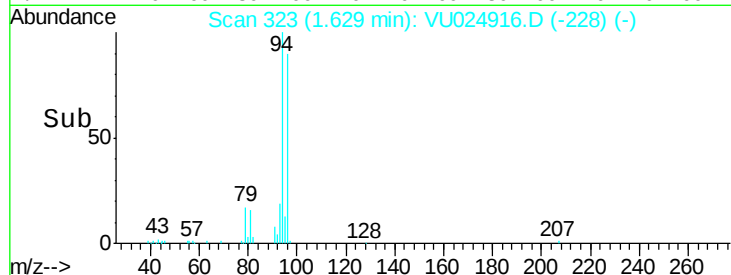
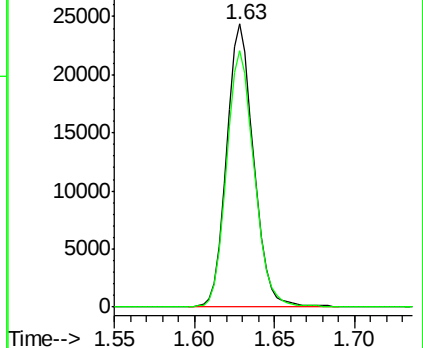
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 23.08 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024916.D

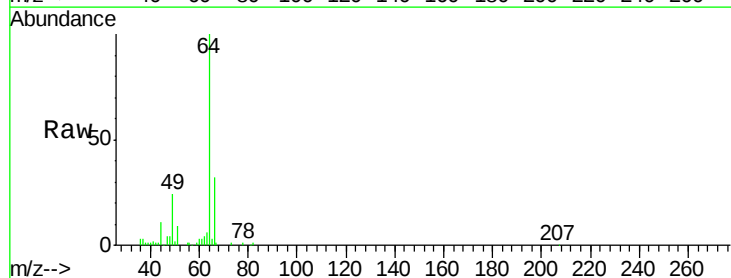
Acq: 26 Jun 2018 08:15

Tgt Ion: 64 Resp: 30045

Ion Ratio Lower Upper

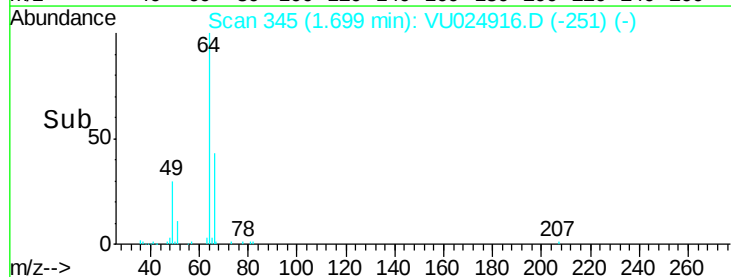
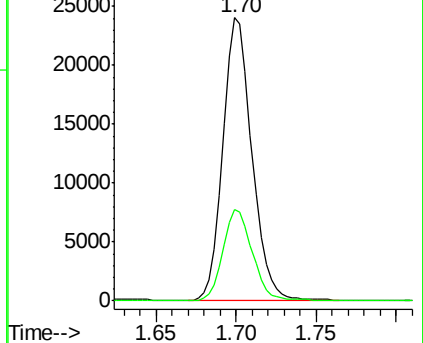
64 100

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





#7

Trichlorofluoromethane

Concen: 20.77 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

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Tot Ion:101 Resp: 72070

Ion Ratio Lower Upper

101 100

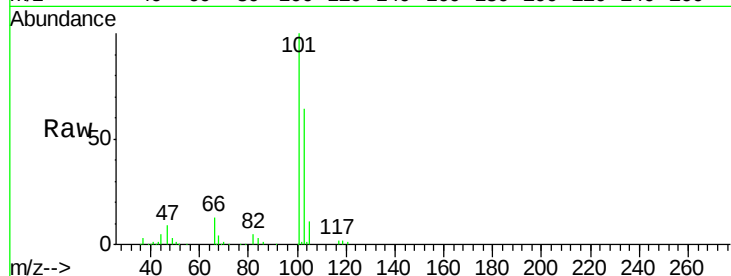
103 64.2 52.3 78.5

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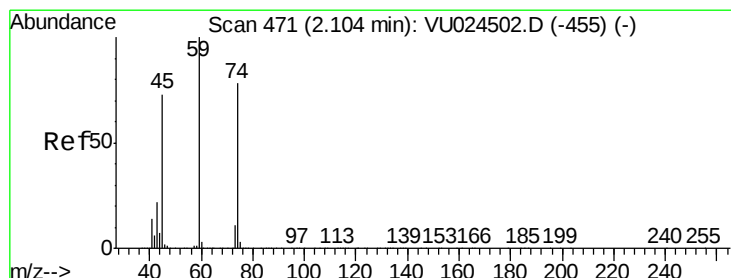
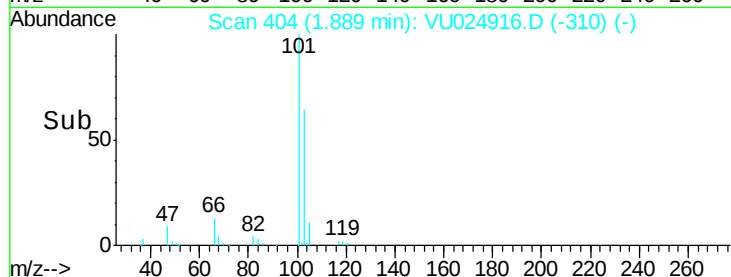
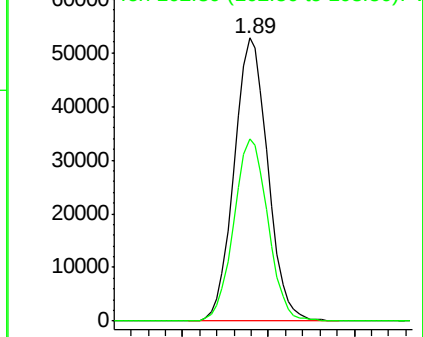
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 22.80 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024916.D

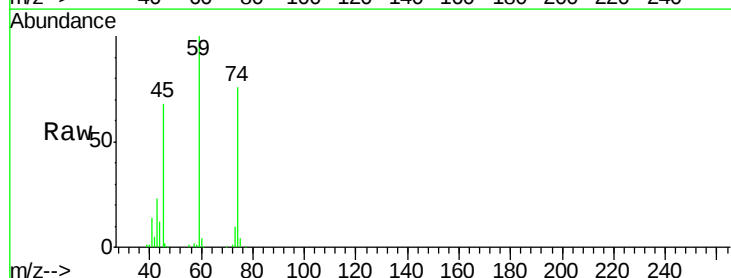
Acq: 26 Jun 2018 08:15

Tgt Ion: 74 Resp: 28134

Ion Ratio Lower Upper

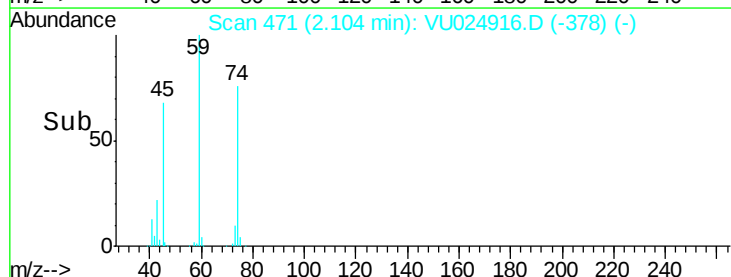
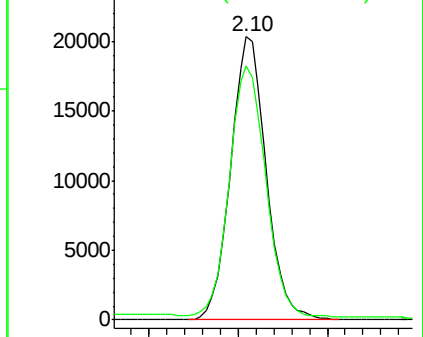
74 100

45 91.3 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.84 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

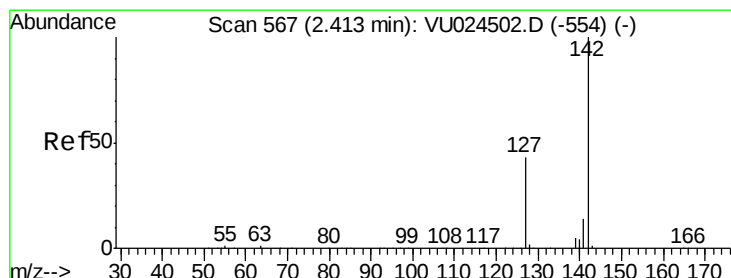
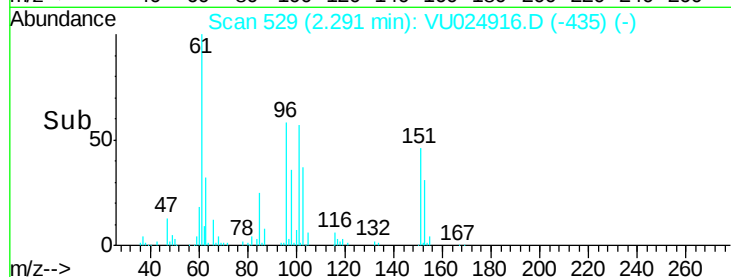
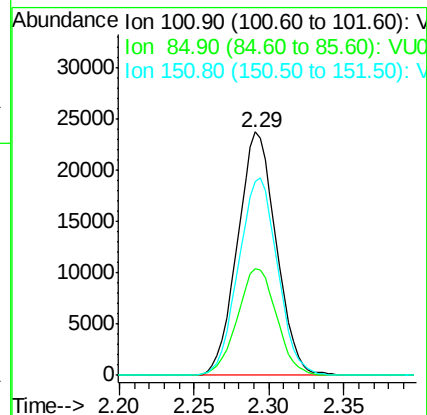
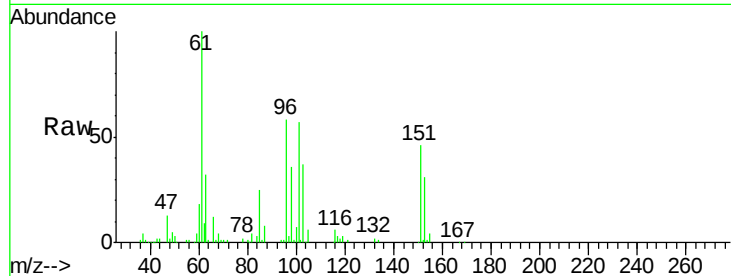
ClientSampleId :

VU0625MBSD02

Tot Ion:	101	Resp:	42703
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.0	54.0
151	81.9	62.3	93.5

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#10

Methyl Iodide

Concen: 24.23 ug/l

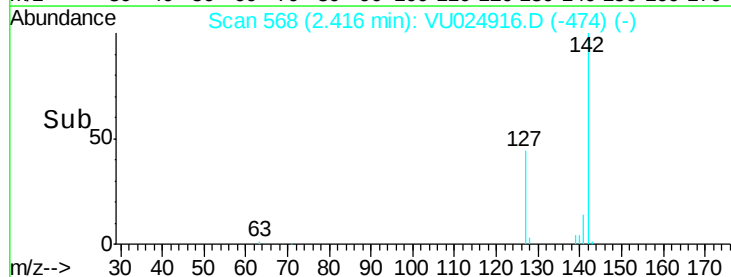
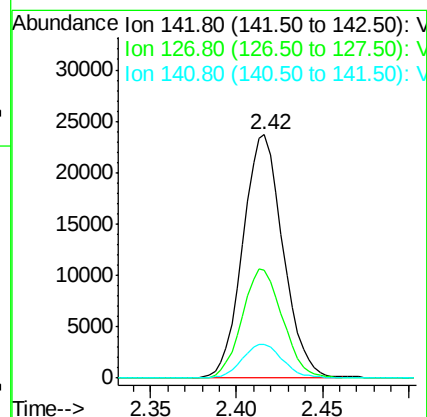
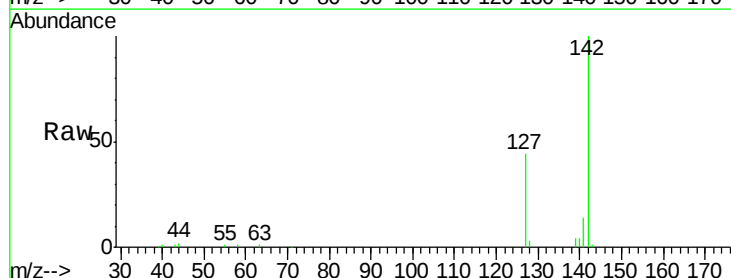
RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Tgt Ion:	142	Resp:	38597
Ion Ratio	Lower	Upper	
142	100		
127	45.0	35.6	53.4
141	14.0	11.7	17.5





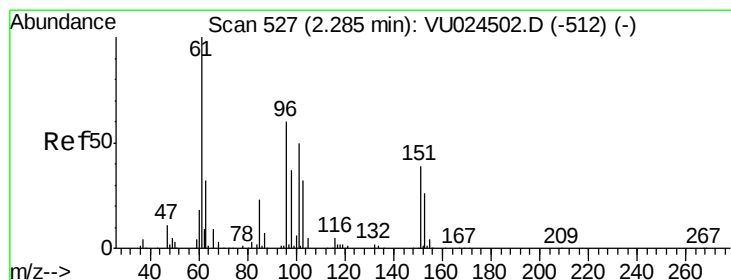
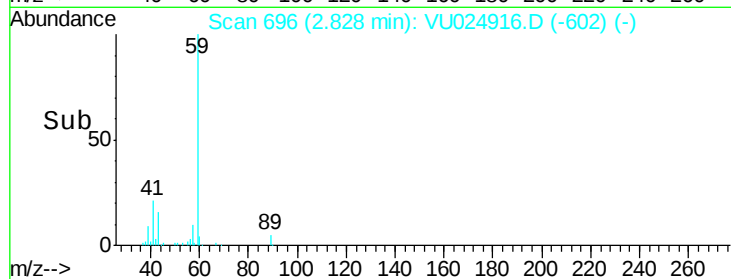
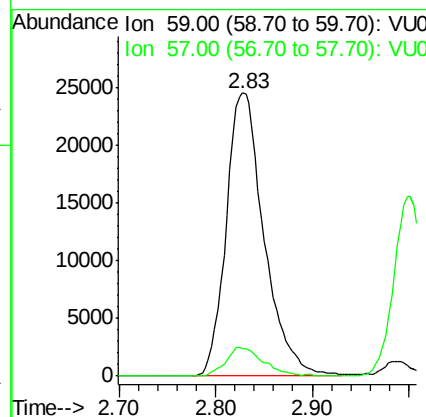
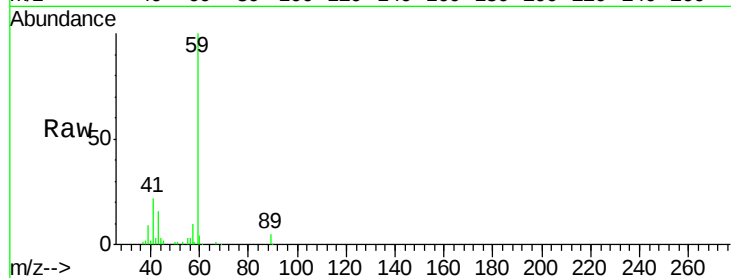
#11
Tert butyl alcohol
Concen: 97.39 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

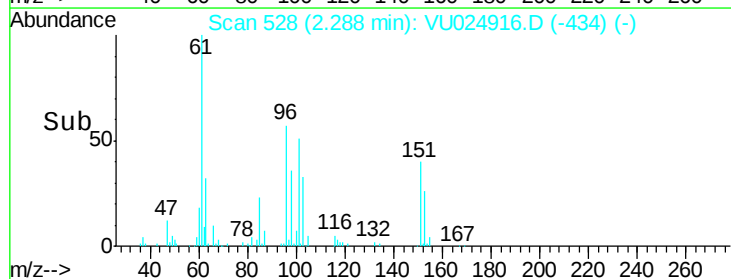
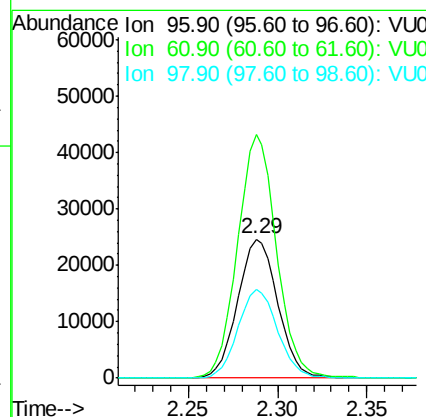
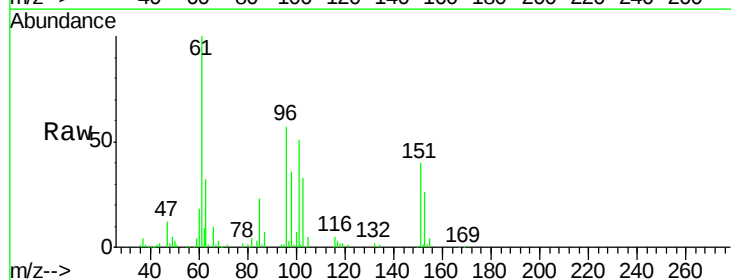
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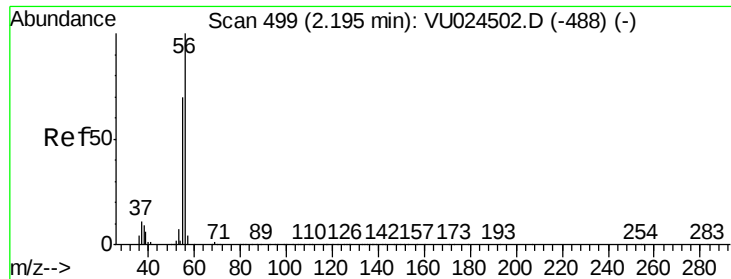
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#12
1,1-Dichloroethene
Concen: 19.73 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.5	141.7	212.5
98	63.6	51.6	77.4





#13

Acrolein

Concen: 44.44 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBSD02

Tot Ion: 56 Resp: 15973

Ion Ratio Lower Upper

56 100

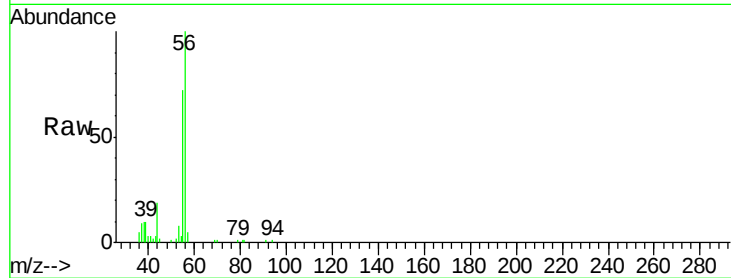
55 69.4 58.4 87.6

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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.20

10000

8000

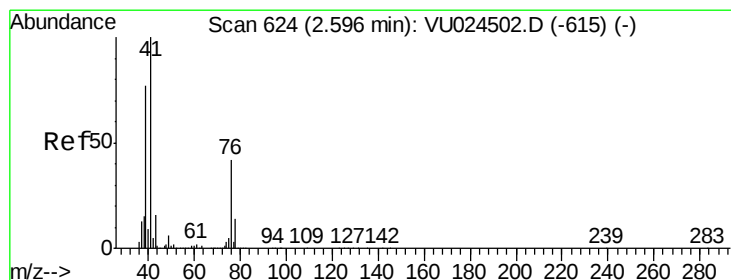
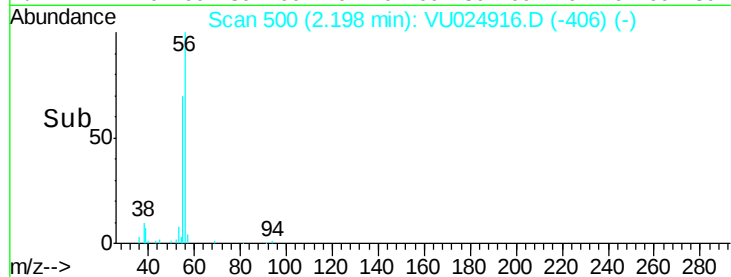
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 20.04 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

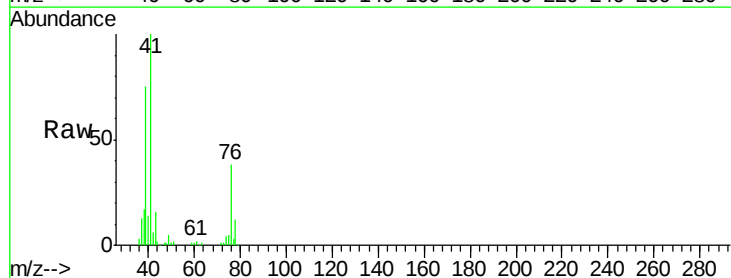
Tgt Ion: 41 Resp: 73030

Ion Ratio Lower Upper

41 100

39 70.2 61.6 92.4

76 34.8 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

80000

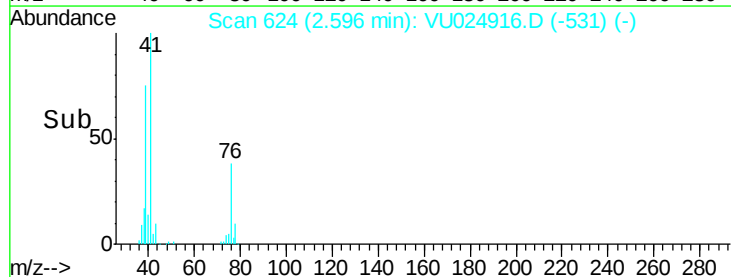
60000

40000

20000

0

Time-->





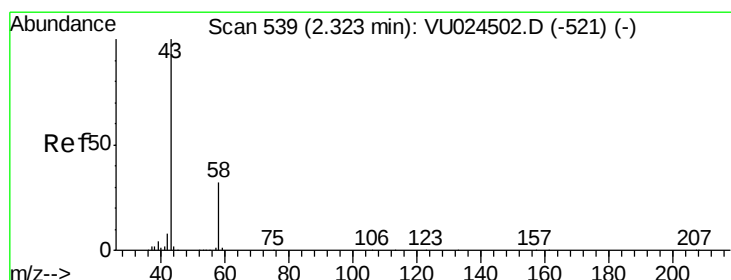
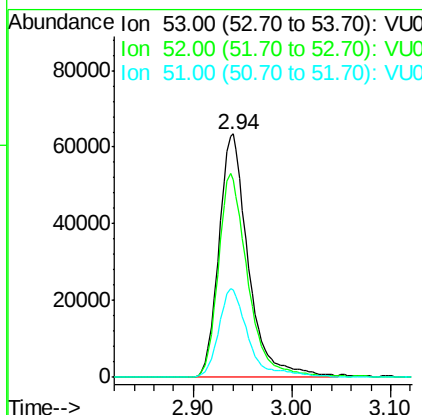
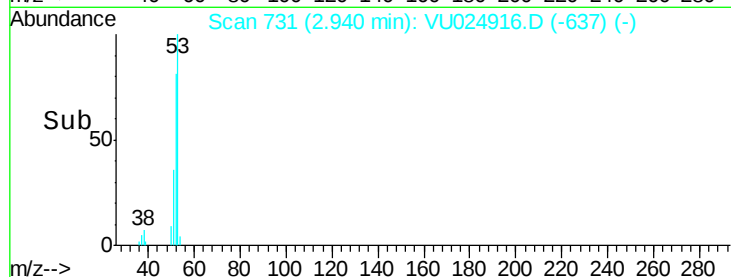
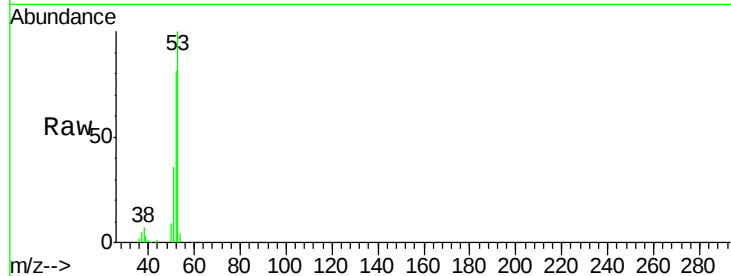
#15
 Acrylonitrile
 Concen: 99.65 ug/l
 RT: 2.94 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Tot Ion:	53	Resp:	132715
Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.1	100.7
51	37.0	28.4	42.6

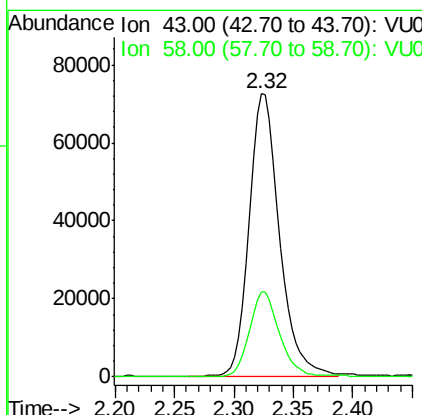
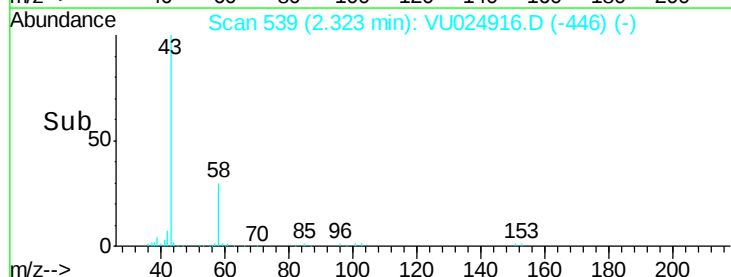
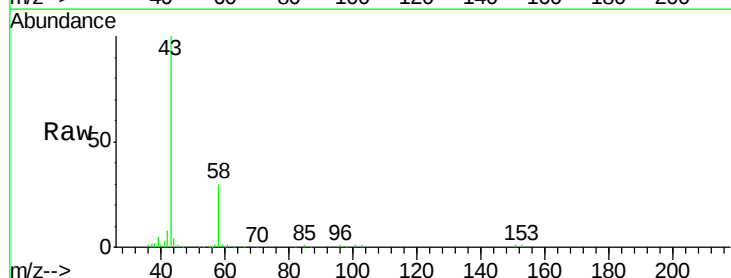
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#16
 Acetone
 Concen: 85.52 ug/l
 RT: 2.32 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Tgt Ion:	43	Resp:	129324
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.4	36.6





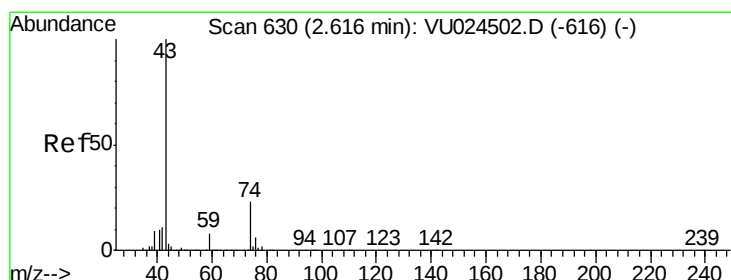
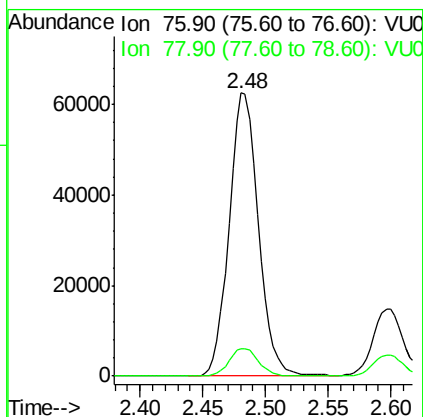
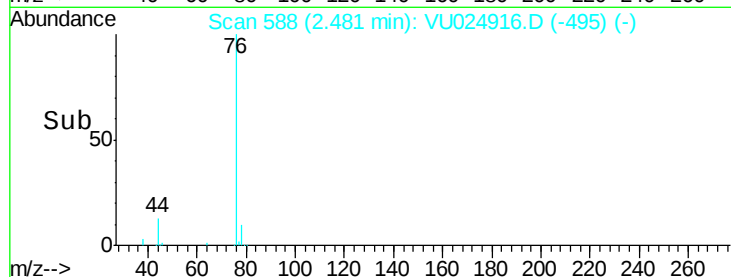
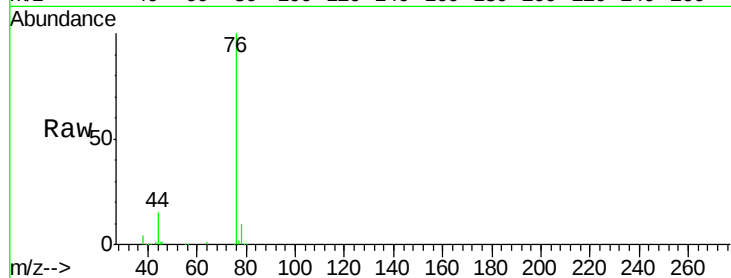
#17
Carbon Disulfide
Concen: 16.10 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.1	10.7

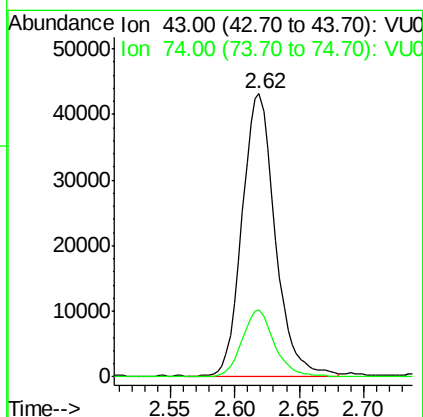
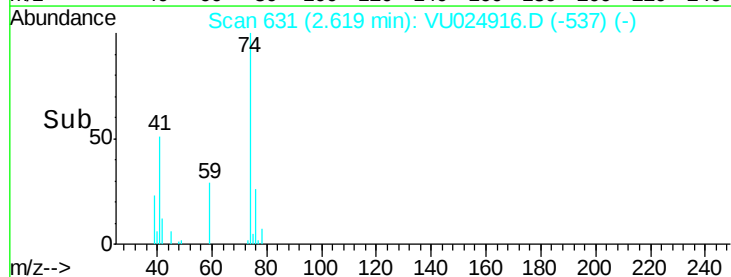
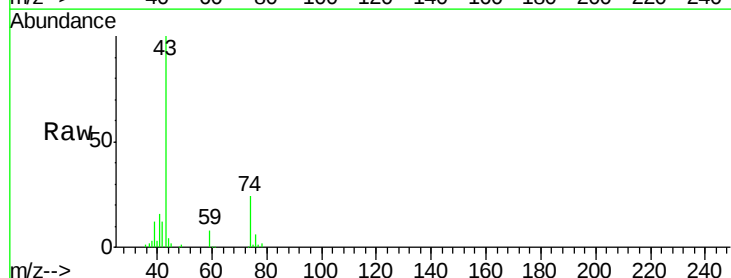
Manual Integrations
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#18
Methyl Acetate
Concen: 23.65 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.0	27.0





#19

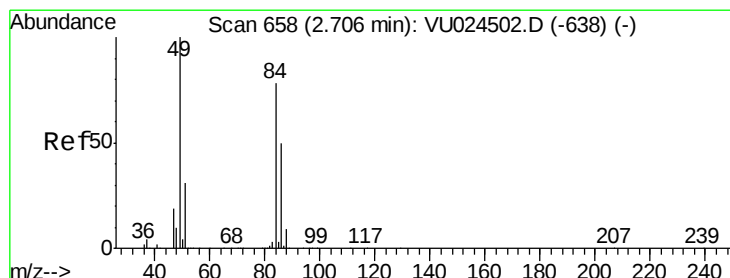
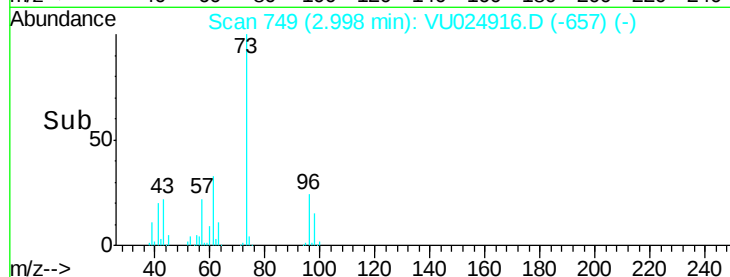
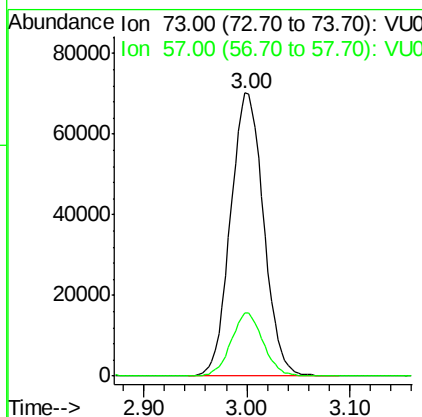
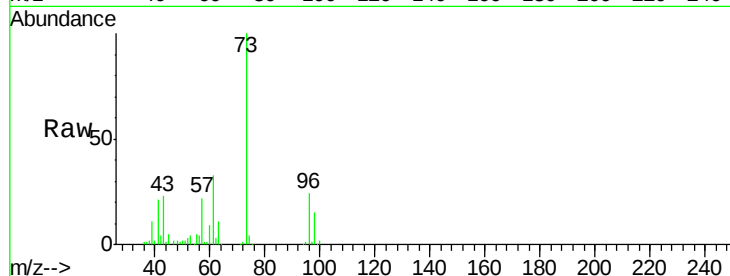
Methyl tert-butyl Ether
 Concen: 21.25 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.8	28.2

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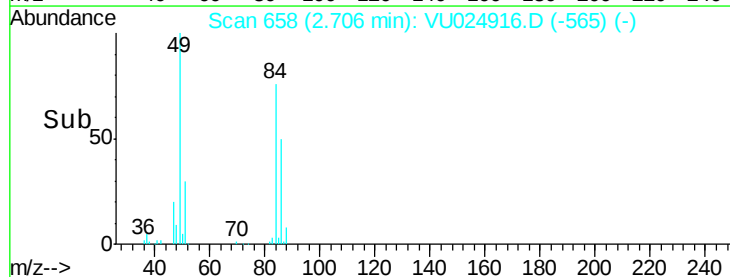
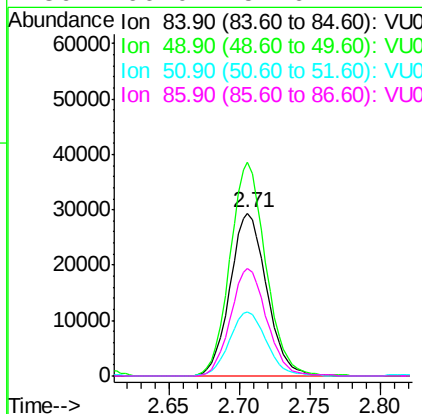
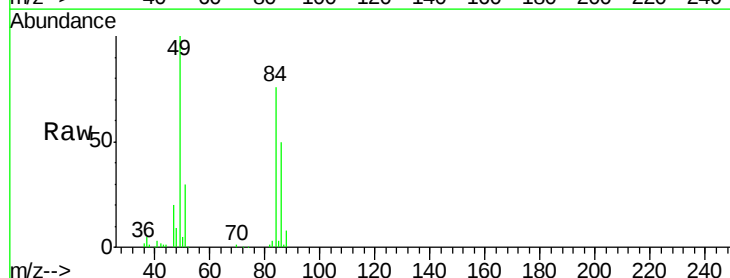
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#20

Methylene Chloride
 Concen: 22.53 ug/l
 RT: 2.71 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.9	103.8	155.8
51	39.5	32.0	48.0
86	66.0	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.70 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

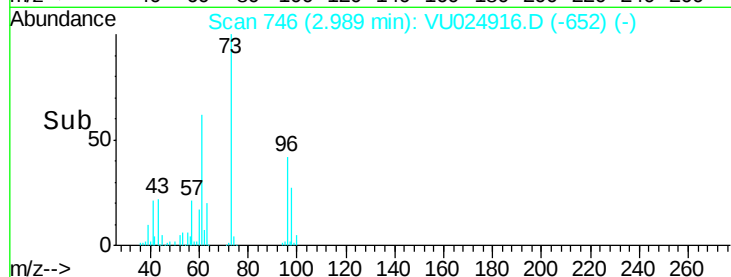
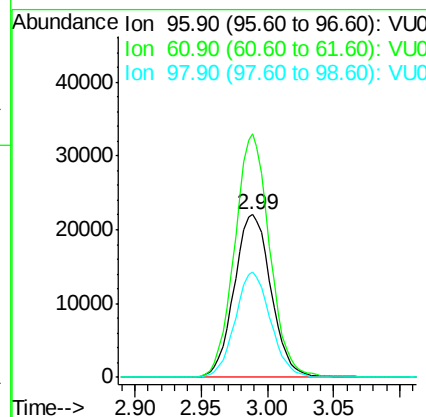
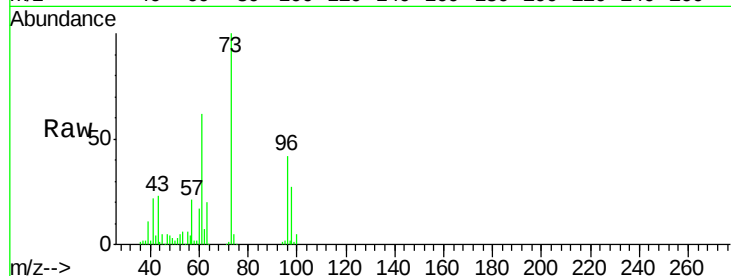
ClientSampleId :

VU0625MBSD02

Tot Ion:	96	Resp:	42586
Ion	Ratio	Lower	Upper
96	100		
61	149.9	119.4	179.0
98	64.5	51.1	76.7

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#22

Diisopropyl ether

Concen: 20.81 ug/l

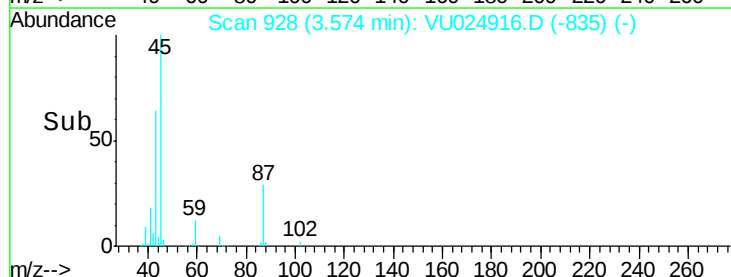
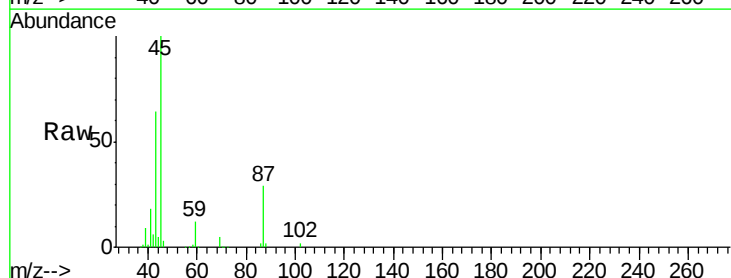
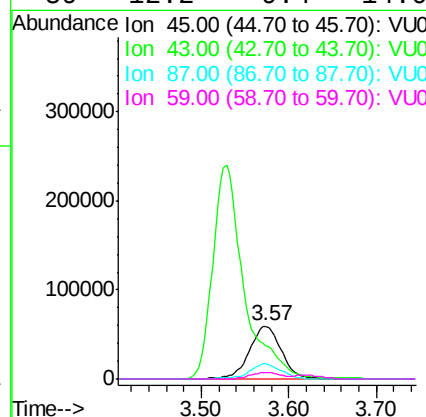
RT: 3.57 min Scan# 928

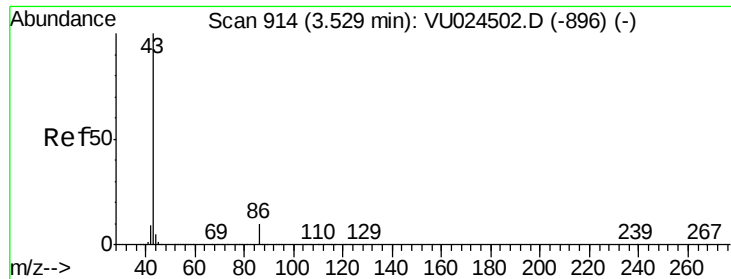
Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Tgt Ion:	45	Resp:	150385
Ion	Ratio	Lower	Upper
45	100		
43	62.1	45.8	68.6
87	29.0	20.6	31.0
59	12.2	9.4	14.0





#23

Vinyl Acetate

Concen: 92.78 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleID :

VU0625MBSD02

Tot Ion: 43 Resp: 600489

Ion Ratio Lower Upper

43 100

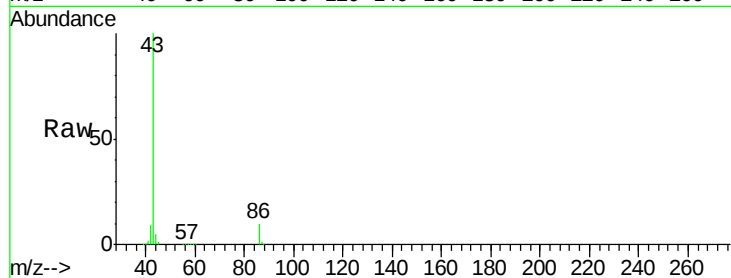
86 10.2 7.8 11.8

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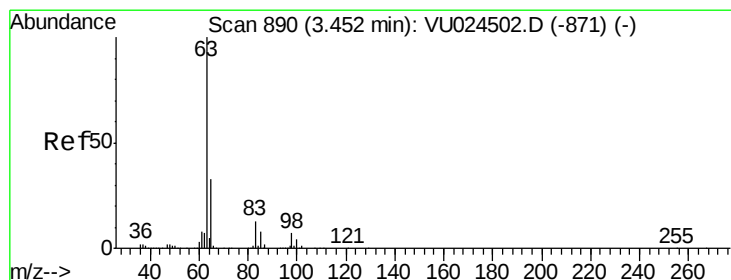
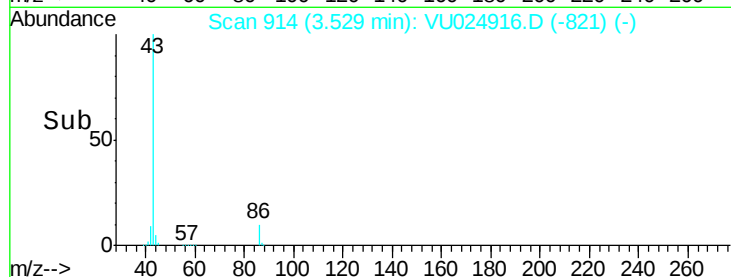
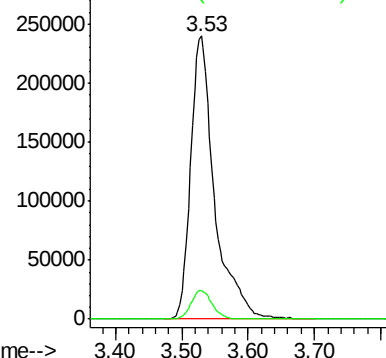
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 20.50 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

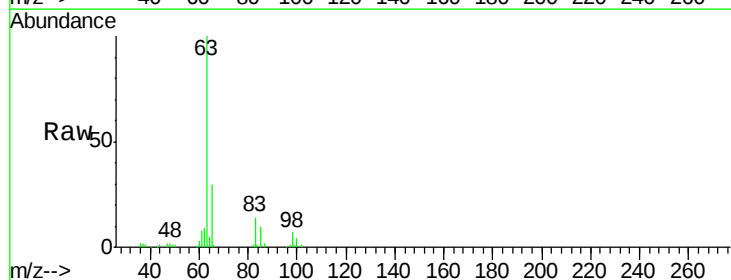
Tgt Ion: 63 Resp: 85221

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

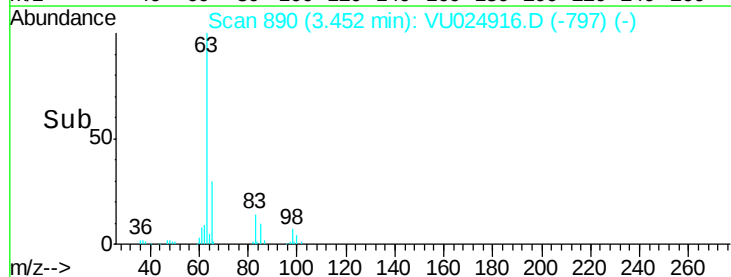
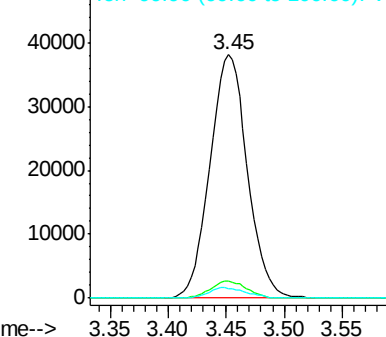
100 4.1 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 93.30 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBSD02

Tot Ion: 43 Resp: 189512

Ion Ratio Lower Upper

43 100

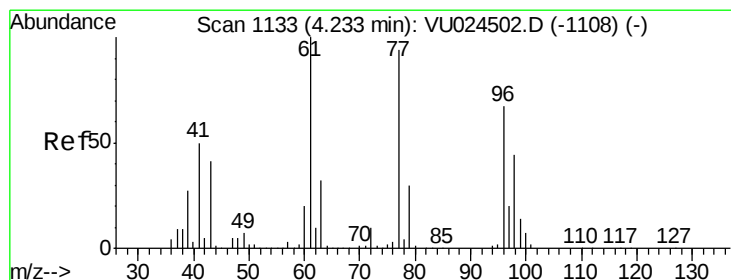
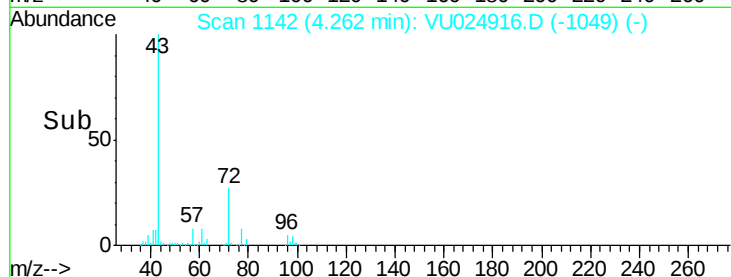
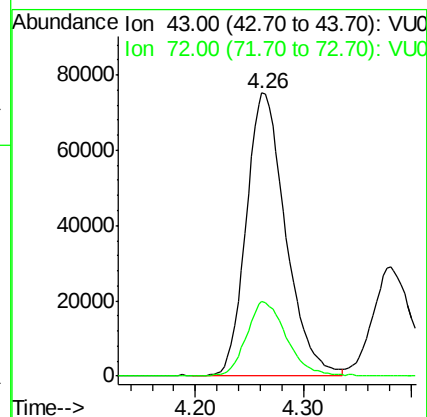
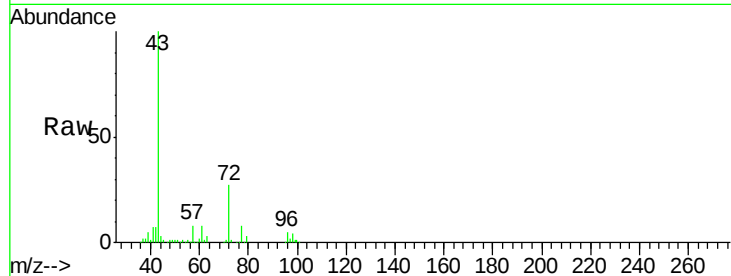
72 26.7 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 14.60 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024916.D

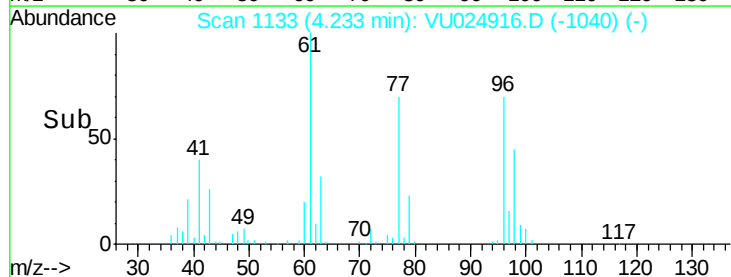
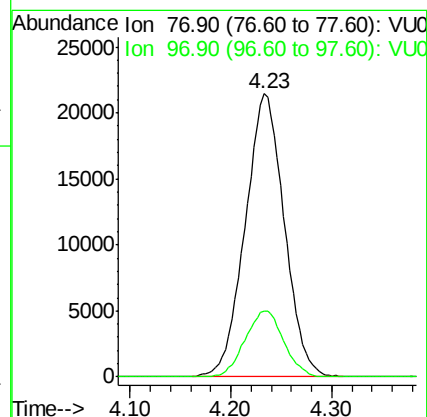
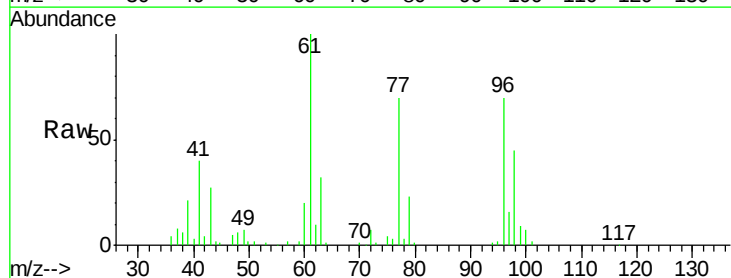
Acq: 26 Jun 2018 08:15

Tgt Ion: 77 Resp: 57620

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.93 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

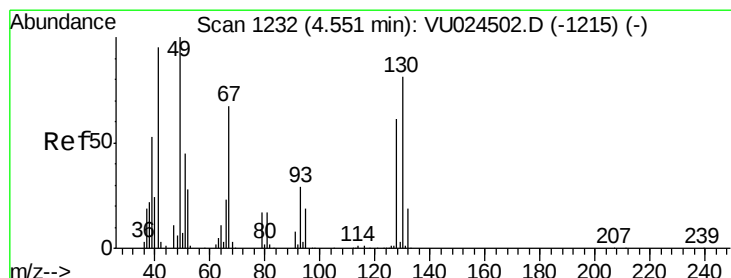
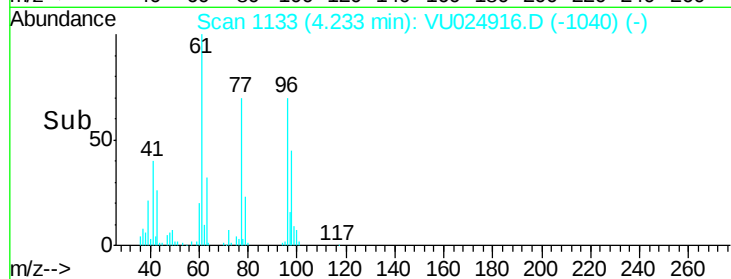
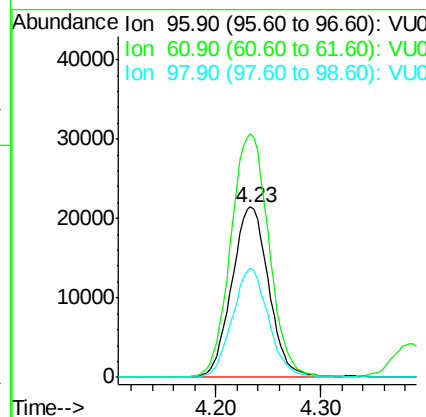
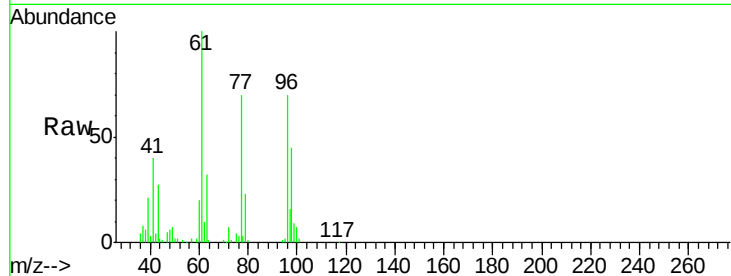
ClientSampleId :

VU0625MBSD02

Tot Ion:	96	Resp:	52021
Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	306.6
98	62.6	0.0	128.8

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#28

Bromochloromethane

Concen: 22.80 ug/l

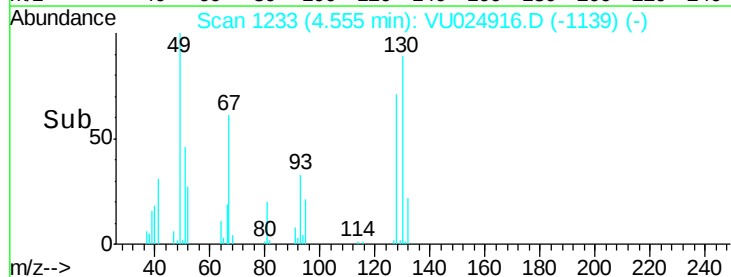
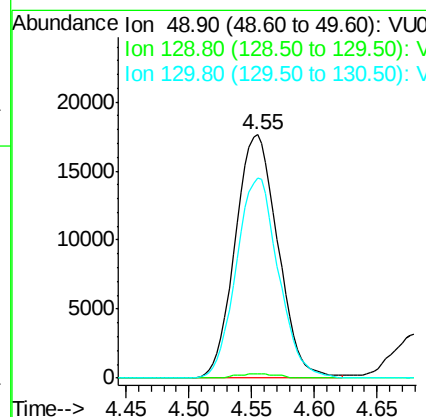
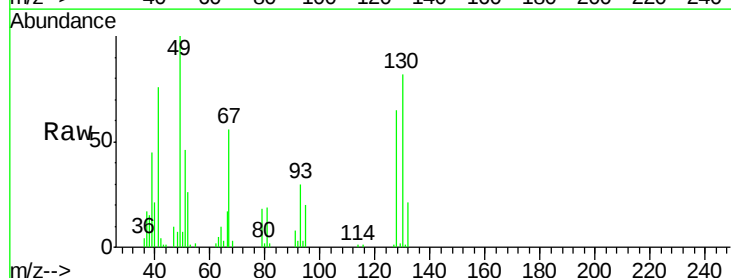
RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Tgt Ion:	49	Resp:	41740
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	81.2	57.8	86.6





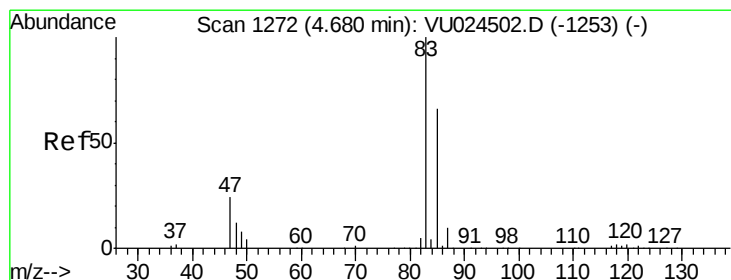
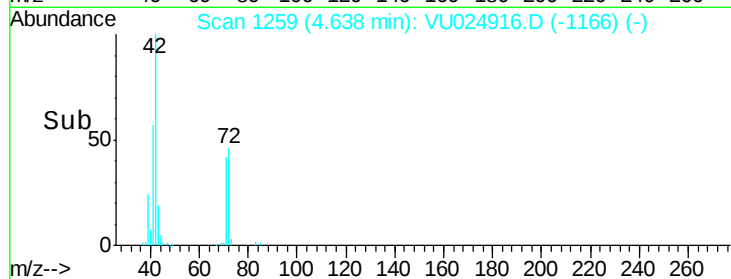
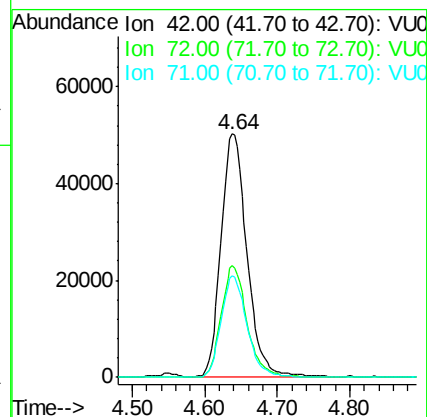
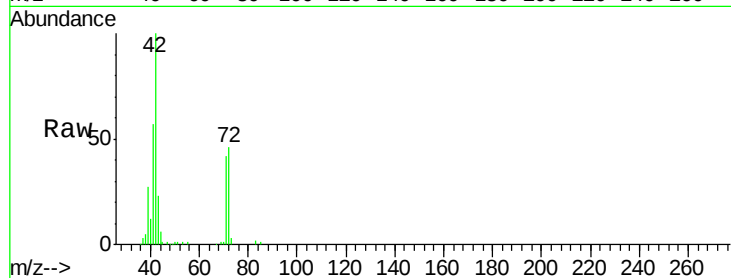
#29
Tetrahydrofuran
Concen: 98.24 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	34.5	51.7
71	41.9	32.2	48.4

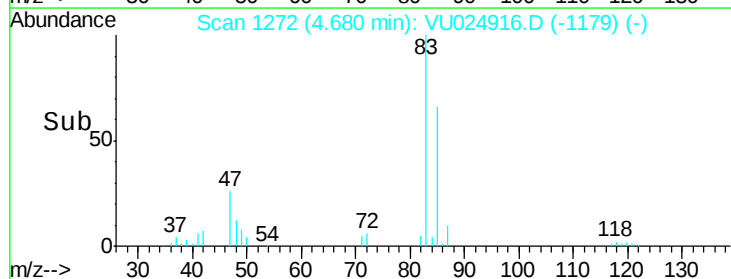
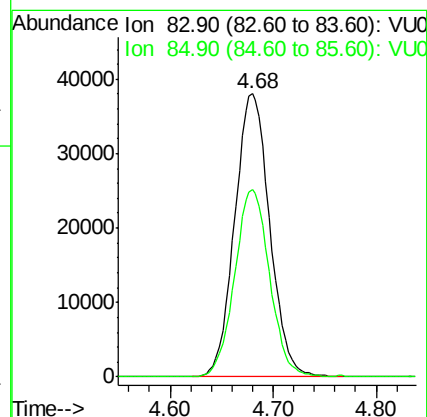
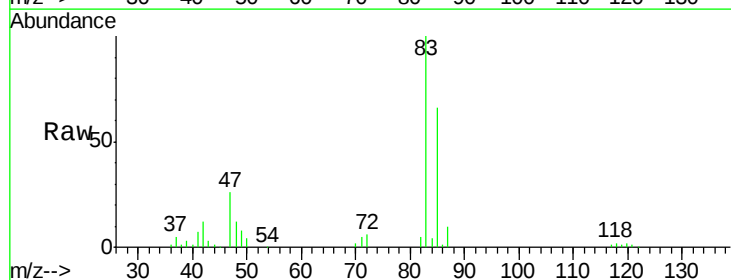
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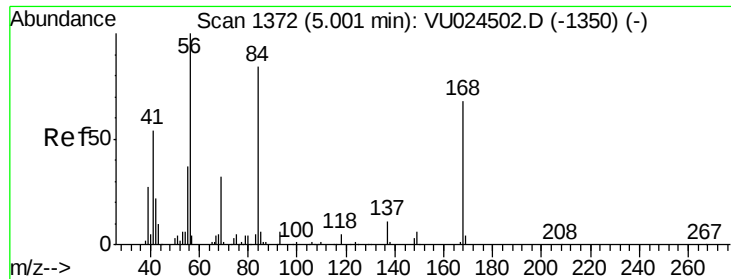
apatel
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#30
Chloroform
Concen: 21.38 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.4	78.6





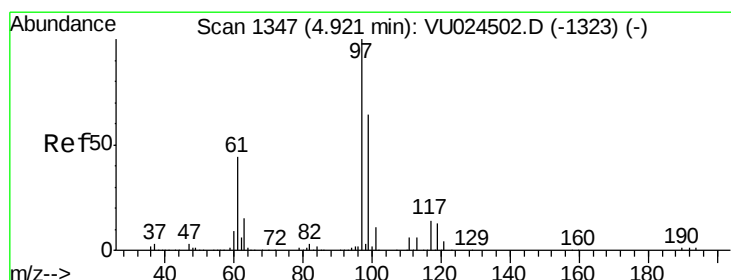
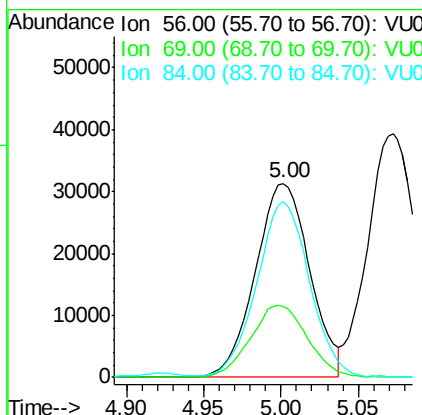
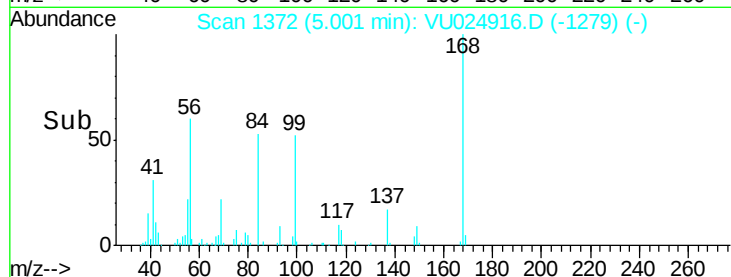
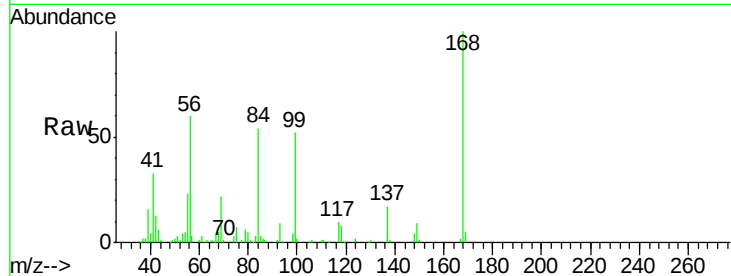
#31
Cyclohexane
Concen: 19.55 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.8	24.8	37.2
84	89.3	65.2	97.8

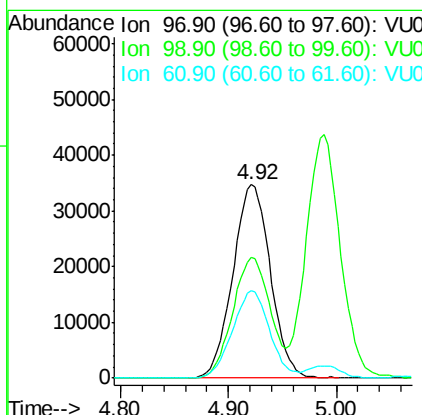
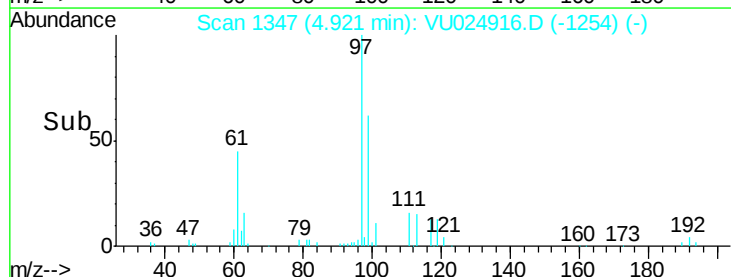
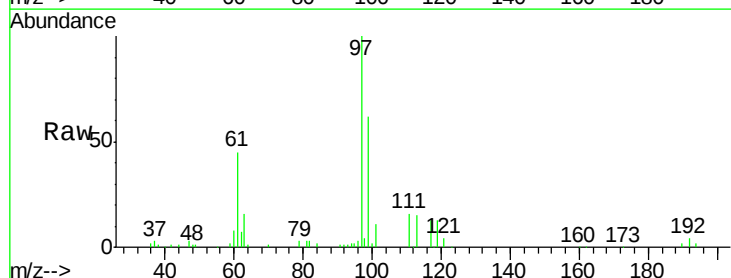
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#32
1,1,1-Trichloroethane
Concen: 21.61 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.0	76.6
61	44.8	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 49.95 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBSD02

Tot Ion: 65 Resp: 140589

Ion Ratio Lower Upper

65 100

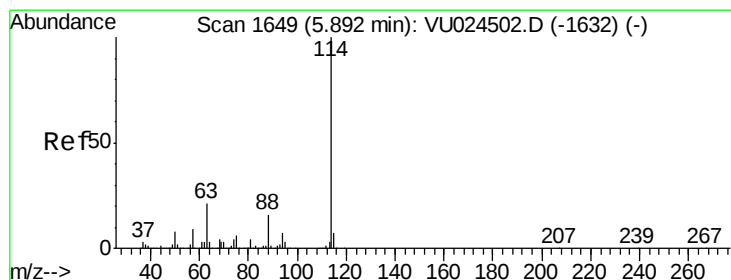
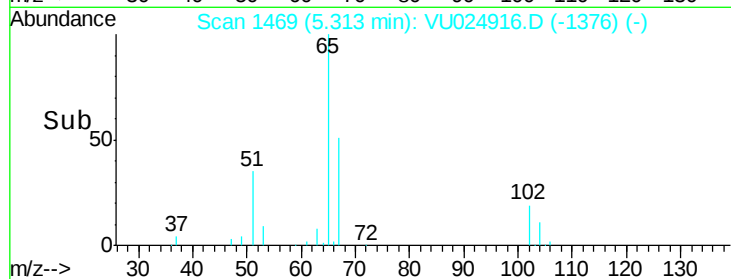
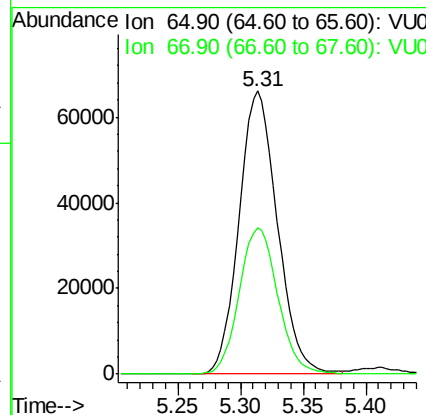
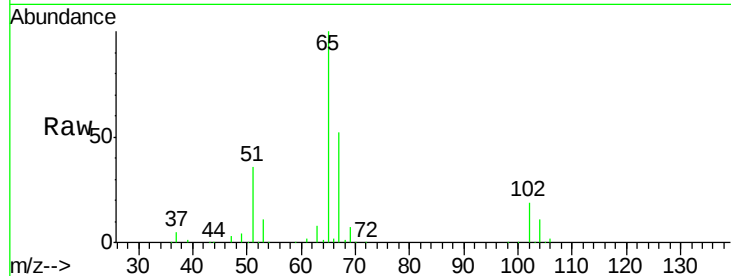
67 52.1 0.0 107.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

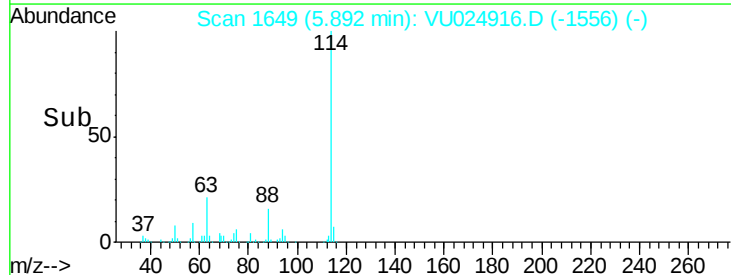
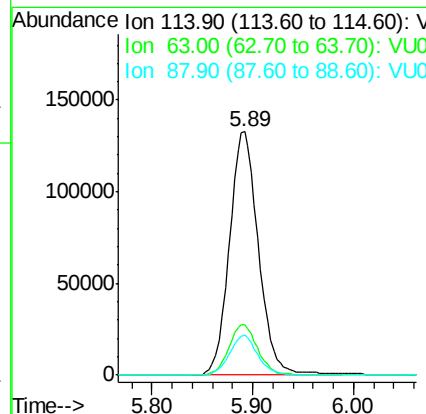
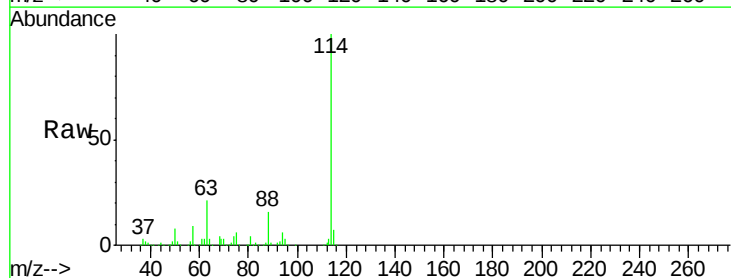
Tgt Ion: 114 Resp: 266543

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.4

88 16.3 0.0 31.0





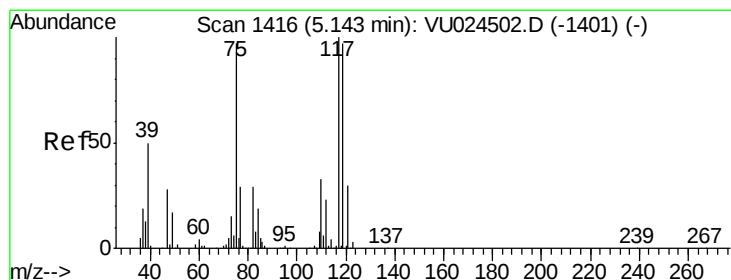
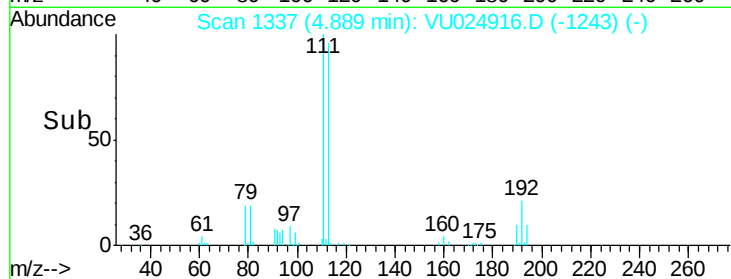
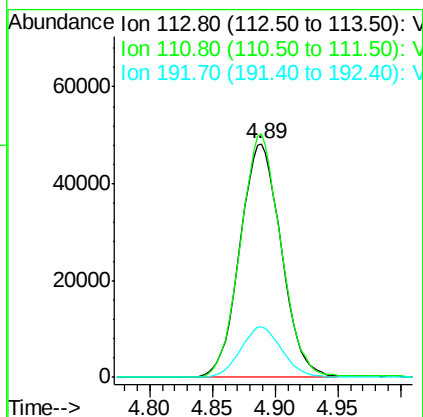
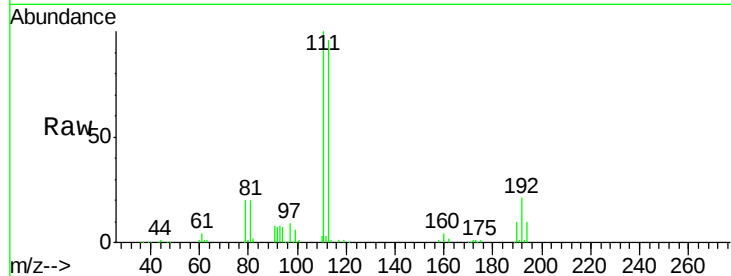
#35
 Dibromofluoromethane
 Concen: 50.08 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	21.4	16.2	24.4

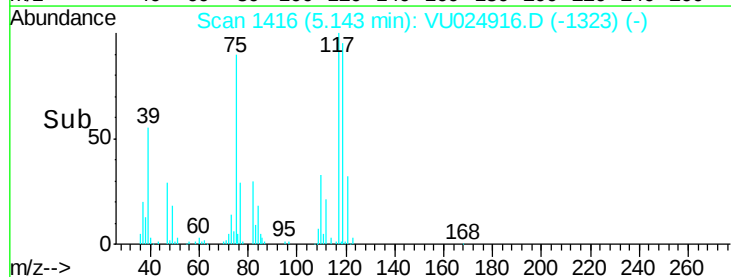
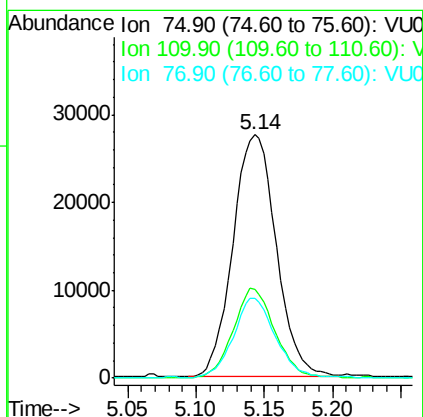
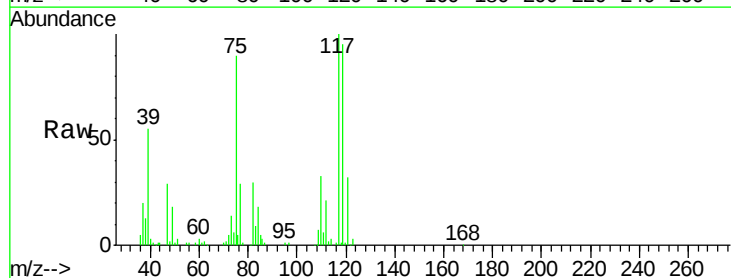
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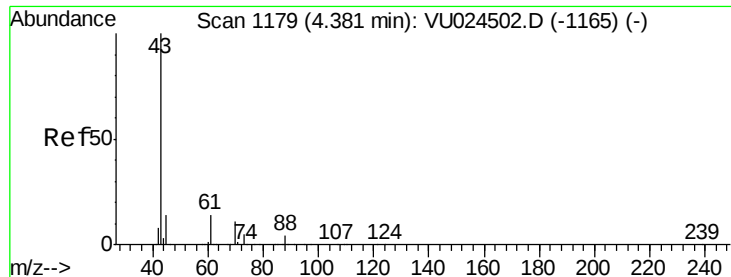
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#36
 1,1-Dichloropropene
 Concen: 19.47 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.0	50.9
77	32.0	24.2	36.4





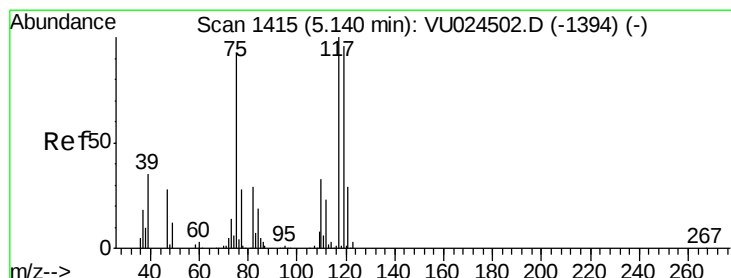
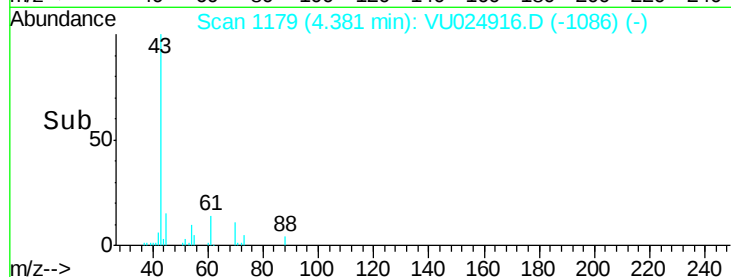
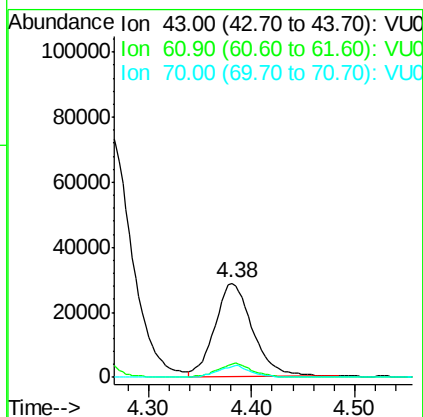
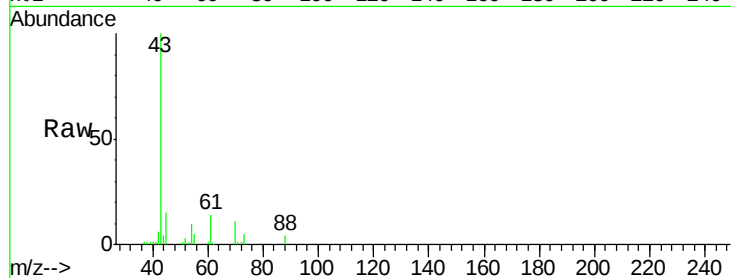
#37
Ethyl Acetate
Concen: 21.39 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.5	15.7
70	11.0	7.4	11.2

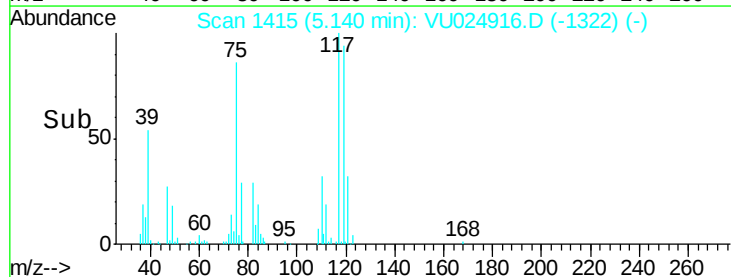
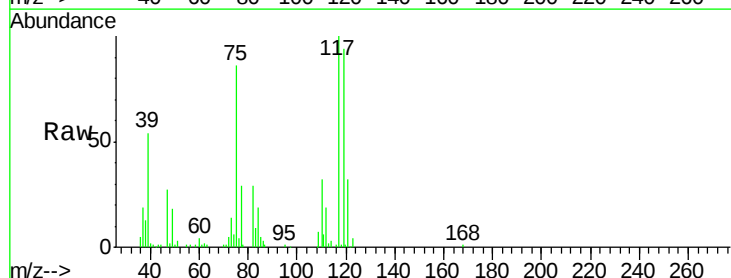
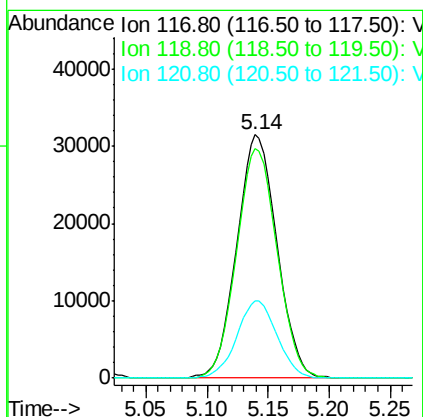
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#38
Carbon Tetrachloride
Concen: 20.76 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.1	114.1
121	31.9	23.7	35.5





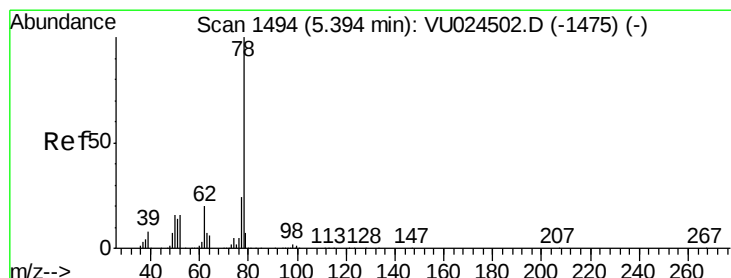
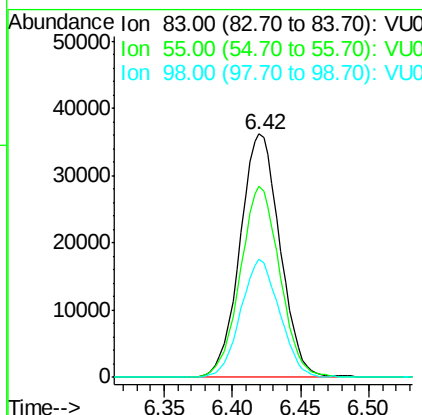
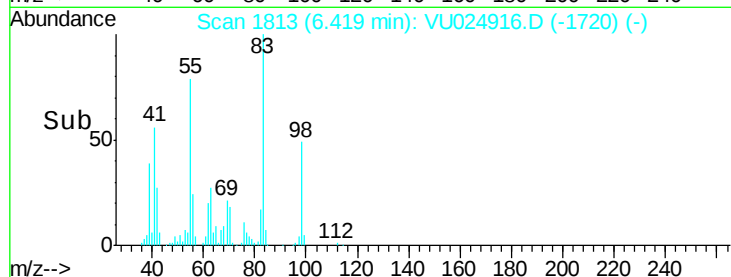
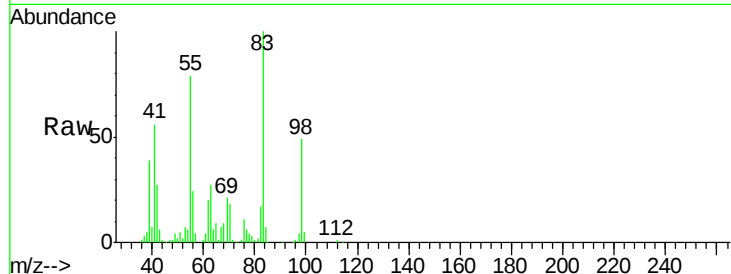
#39
Methvlcvclohexane
Concen: 18.80 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	65.8	98.6
98	48.7	36.7	55.1

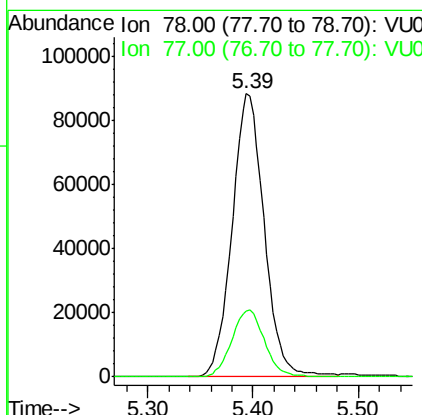
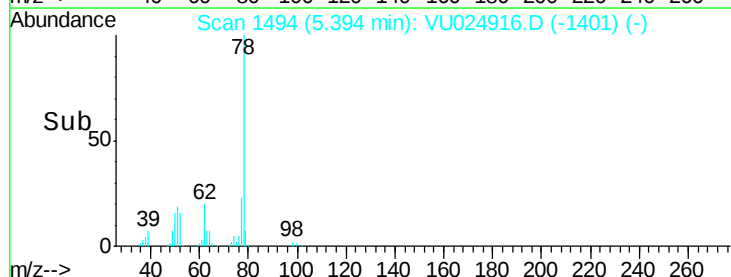
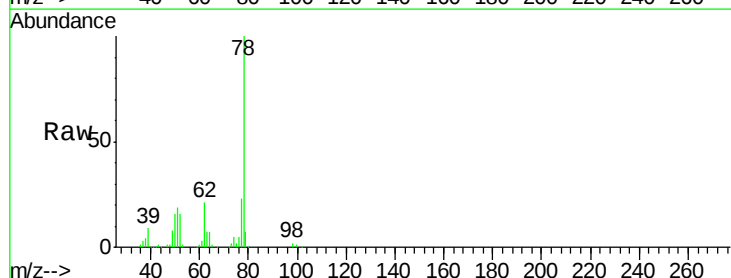
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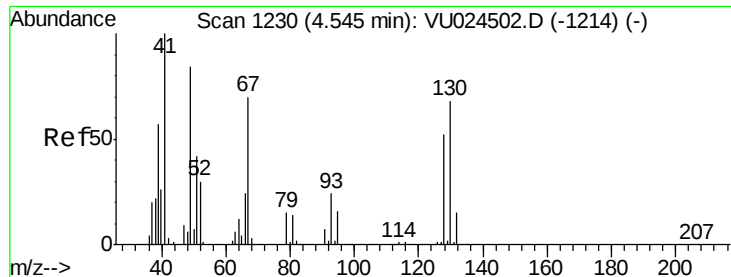
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#40
Benzene
Concen: 20.90 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





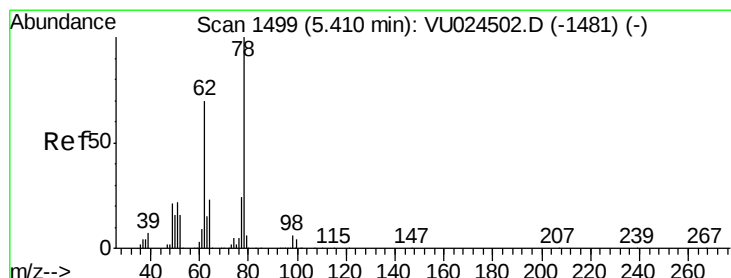
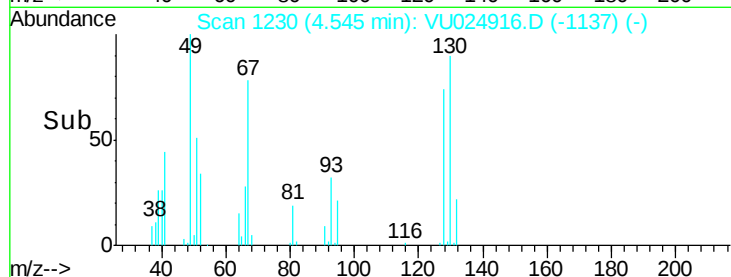
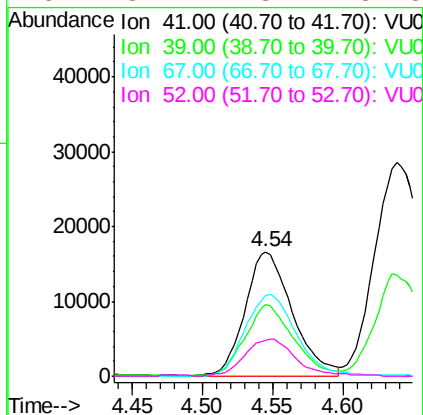
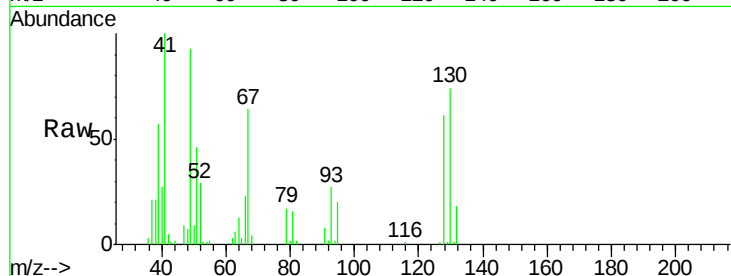
#41
Methacrylonitrile
Concen: 21.21 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.9	43.8	65.6	
67	71.7	56.3	84.5	
52	32.1	23.2	34.8	

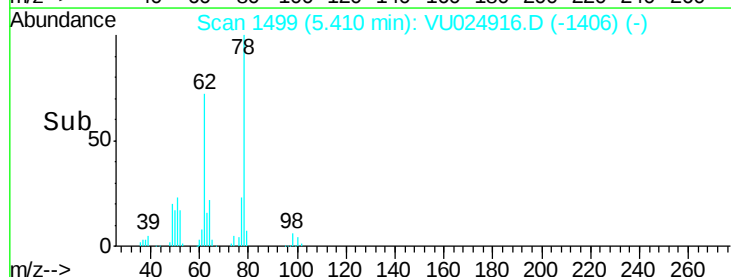
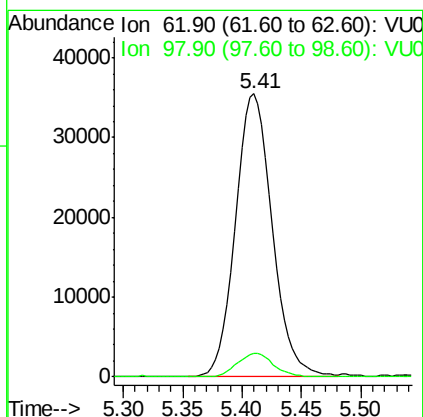
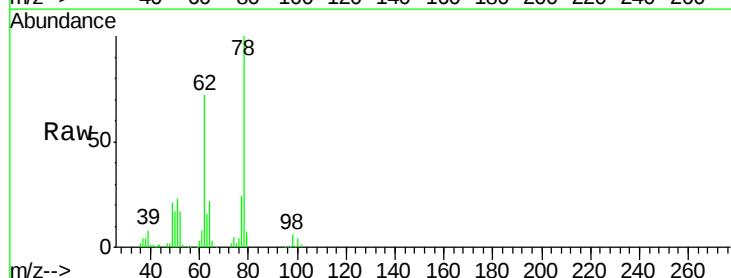
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#42
1,2-Dichloroethane
Concen: 22.40 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

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





#43

Isopropyl Acetate

Concen: 20.16 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

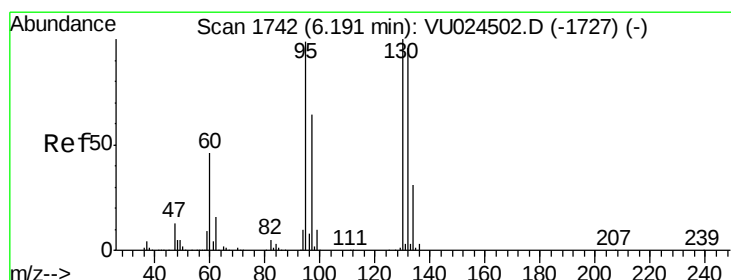
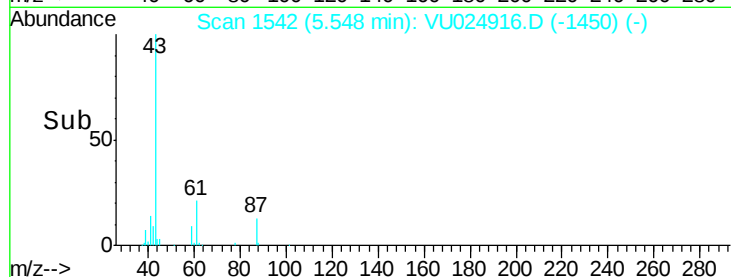
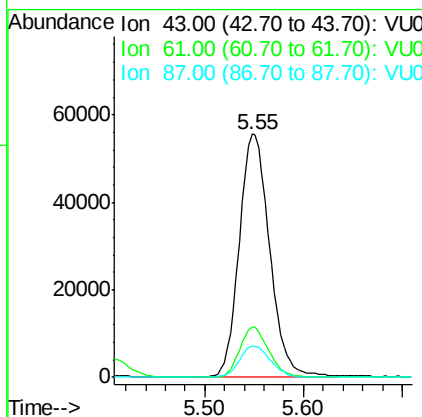
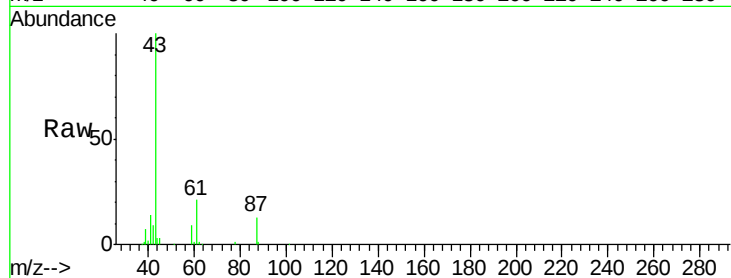
ClientSampleId :

VU0625MBSD02

Tot Ion:	43	Resp:	118933
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.1	10.0	15.0

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#44

Trichloroethene

Concen: 19.87 ug/l

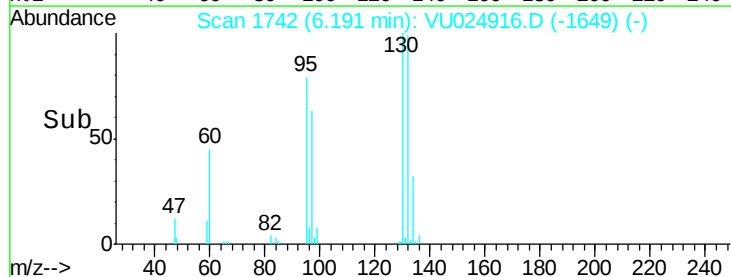
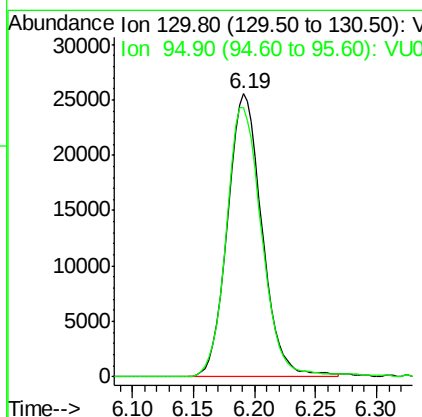
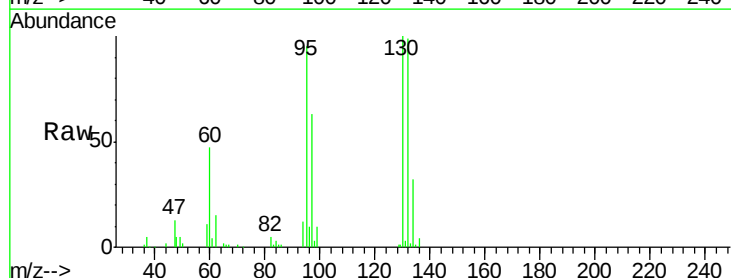
RT: 6.19 min Scan# 1742

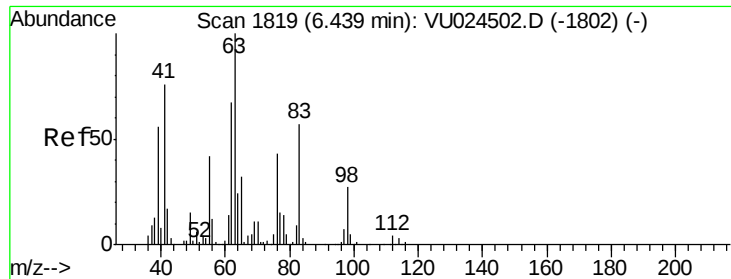
Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Tgt Ion:	130	Resp:	50466
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	202.4





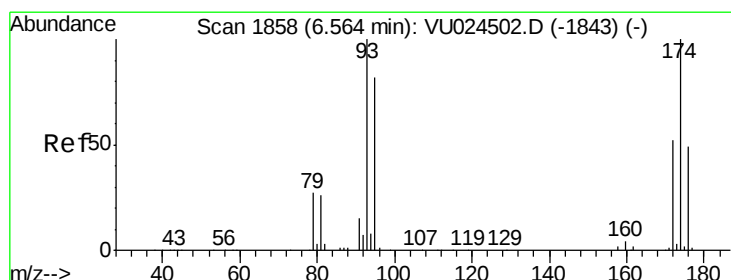
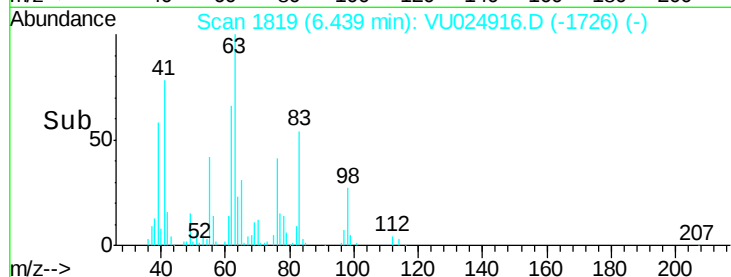
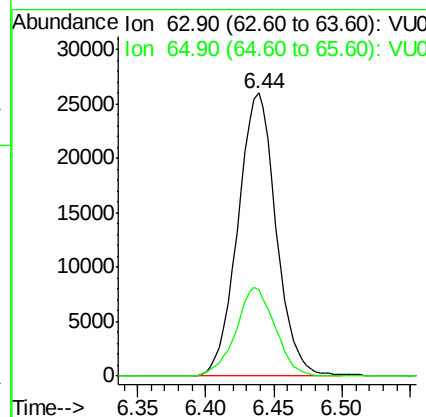
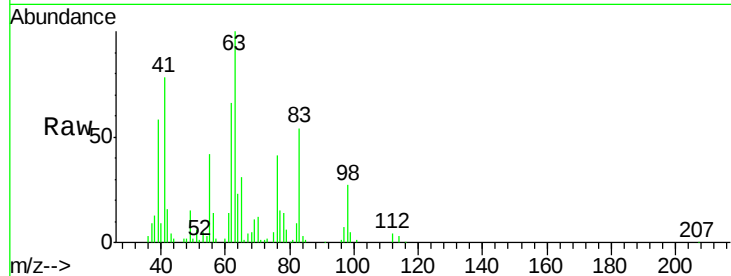
#45
 1,2-Dichloropropane
 Concen: 21.26 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Tot Ion: 63 Resp: 50627
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.8 37.2

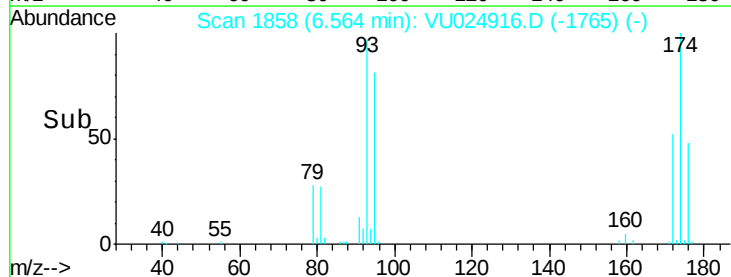
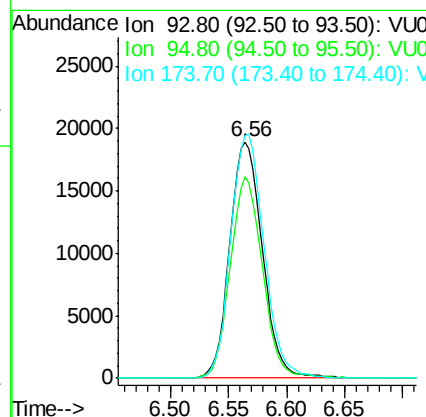
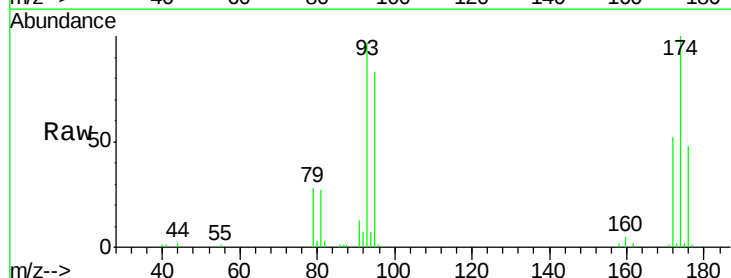
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#46
 Dibromomethane
 Concen: 21.99 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Tgt Ion: 93 Resp: 36782
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.5 98.3
 174 105.6 78.7 118.1





#47

Bromodichloromethane

Concen: 20.97 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

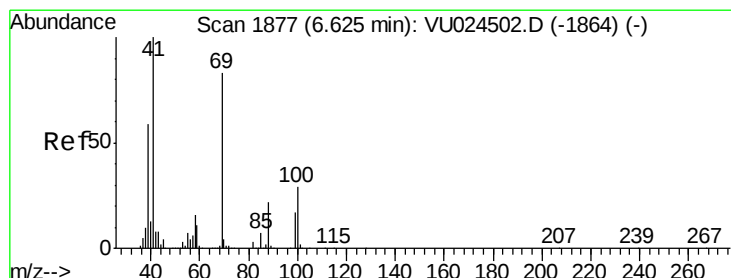
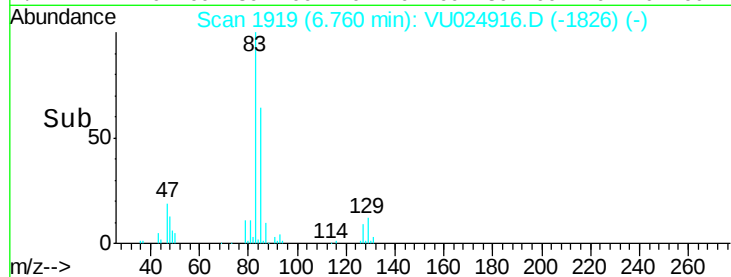
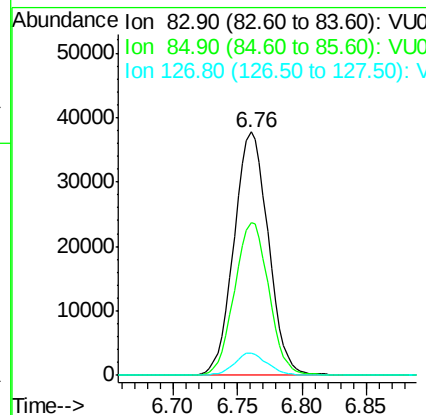
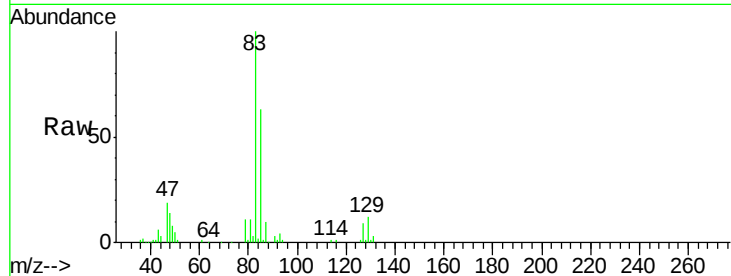
ClientSampleId :

VU0625MBSD02

Tot Ion:	83	Resp:	69845
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.9	77.9
127	9.2	6.6	9.8

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#48

Methyl methacrylate

Concen: 21.08 ug/l

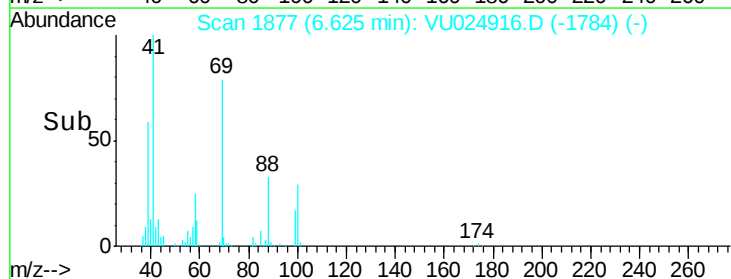
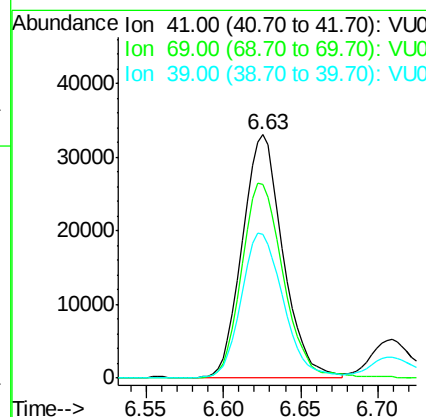
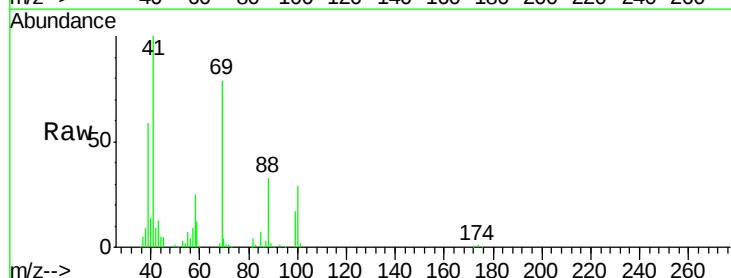
RT: 6.63 min Scan# 1877

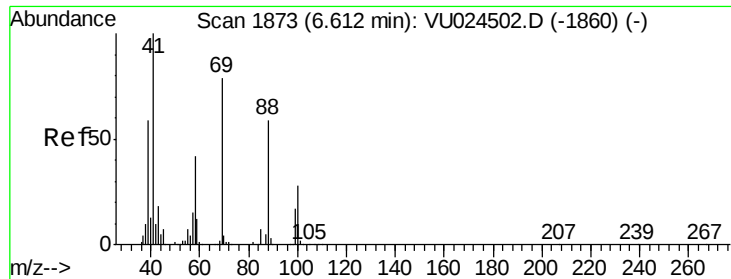
Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Tgt Ion:	41	Resp:	60559
Ion	Ratio	Lower	Upper
41	100		
69	81.9	67.3	100.9
39	61.5	46.5	69.7





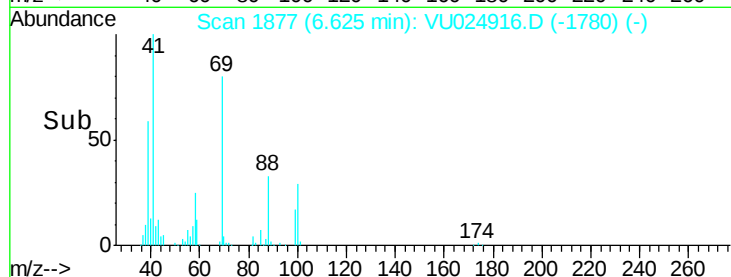
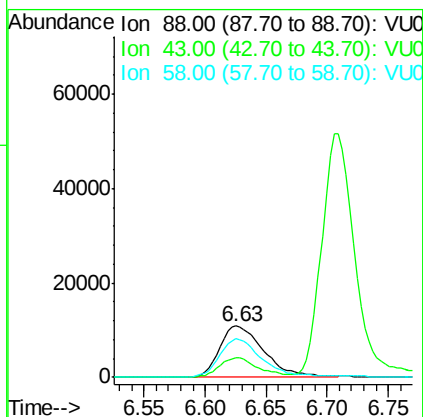
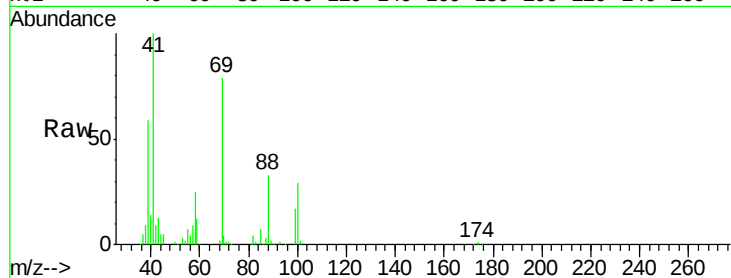
#49
1,4-Dioxane
Concen: 491.23 ug/l
RT: 6.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	28.6	42.8
58	74.0	58.2	87.4

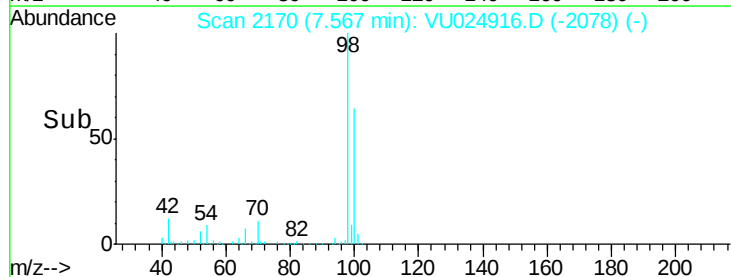
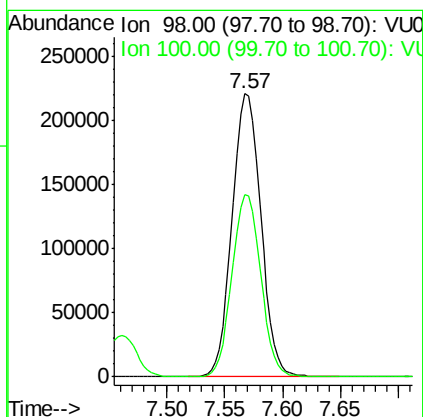
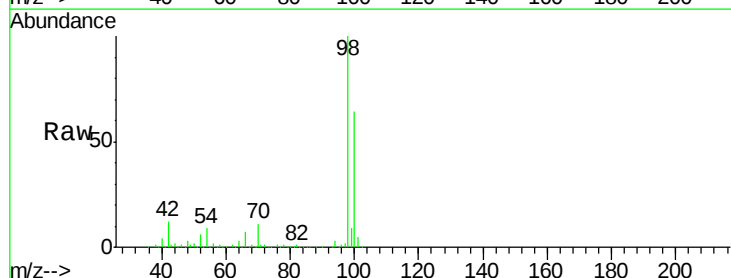
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#50
Toluene-d8
Concen: 47.39 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 103.36 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleID :

VU0625MBSD02

Tot Ion: 43 Resp: 383184

Ion Ratio Lower Upper

43 100

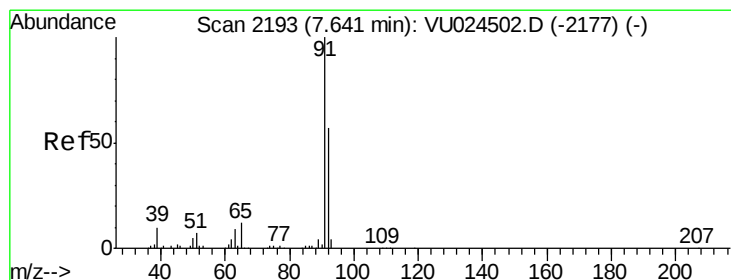
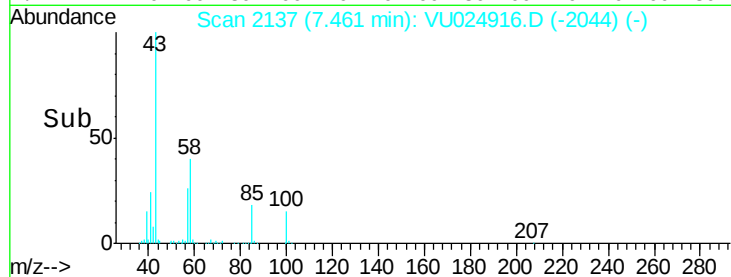
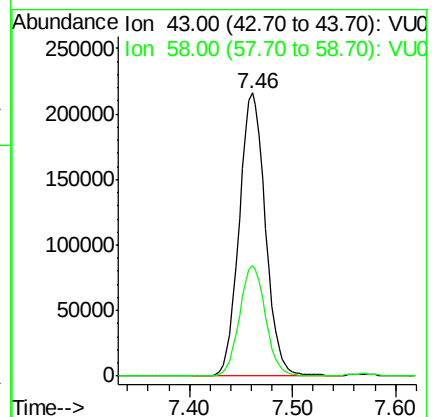
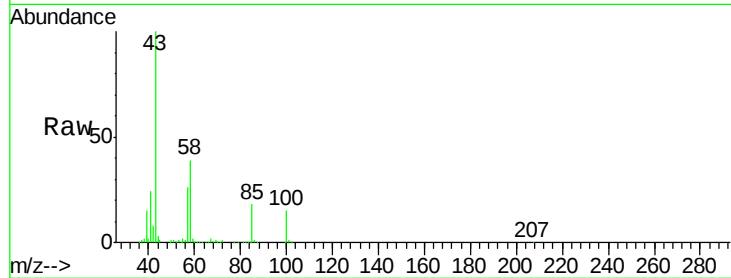
58 38.6 30.0 45.0

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#52

Toluene

Concen: 20.74 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024916.D

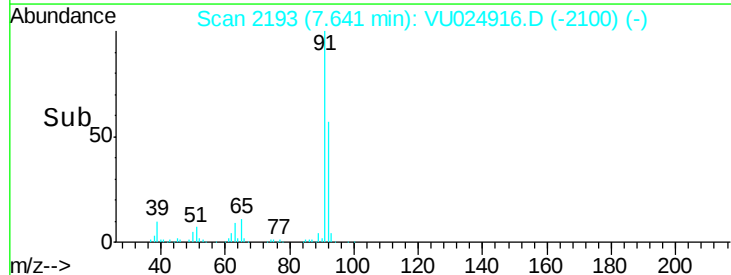
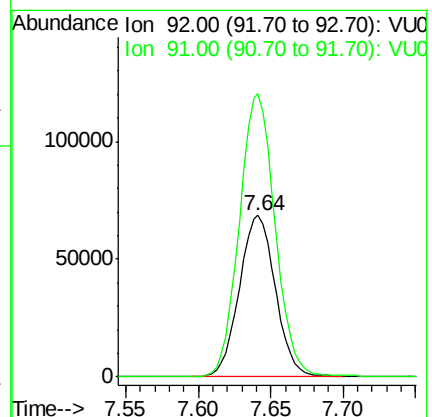
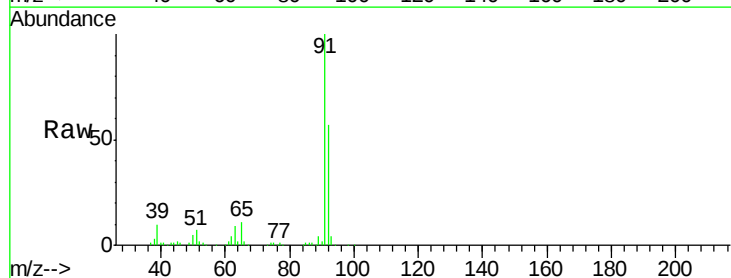
Acq: 26 Jun 2018 08:15

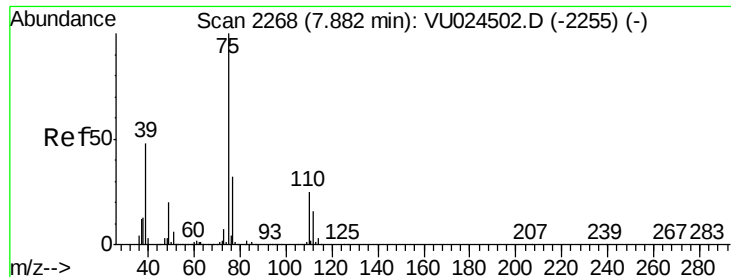
Tgt Ion: 92 Resp: 119067

Ion Ratio Lower Upper

92 100

91 172.6 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 18.92 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBSD02

Tot Ion: 75 Resp: 70787

Ion Ratio Lower Upper

75 100

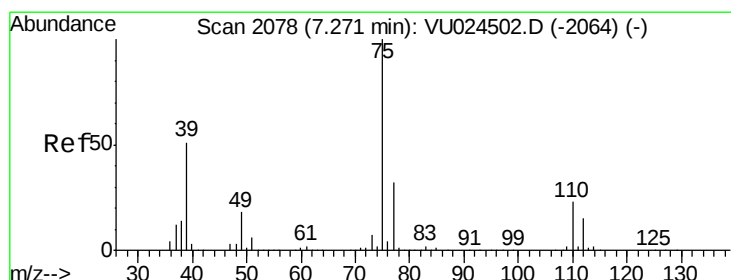
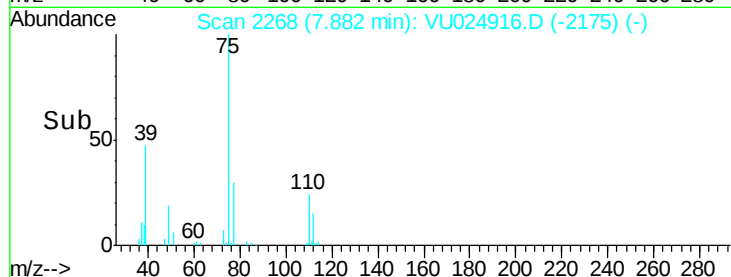
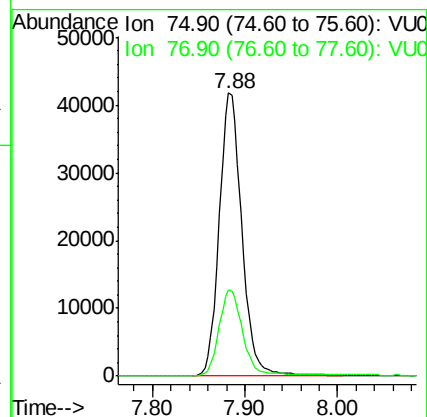
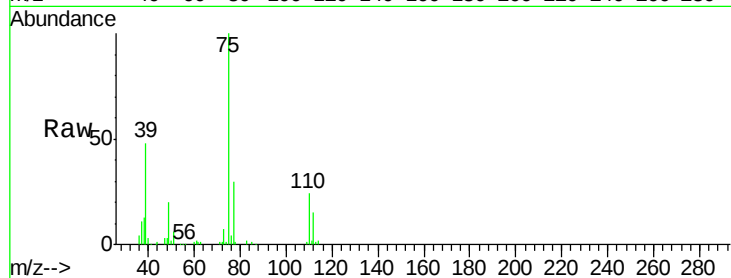
77 30.3 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 18.50 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

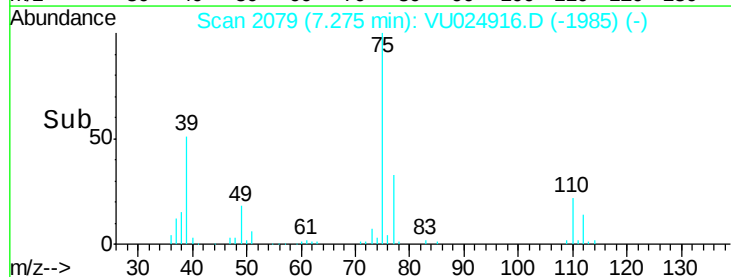
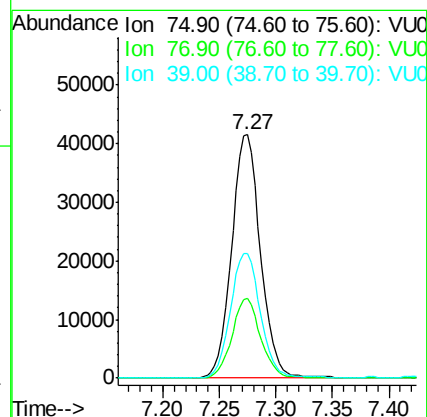
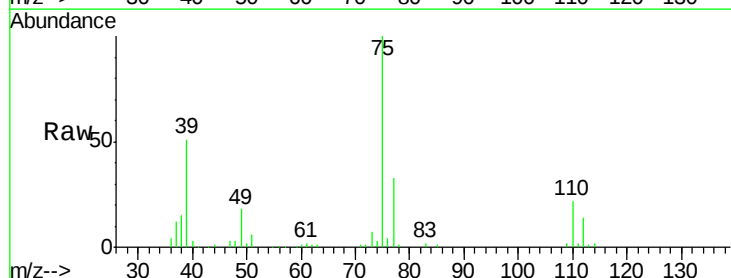
Tgt Ion: 75 Resp: 73730

Ion Ratio Lower Upper

75 100

77 32.5 24.6 36.8

39 51.2 39.8 59.6





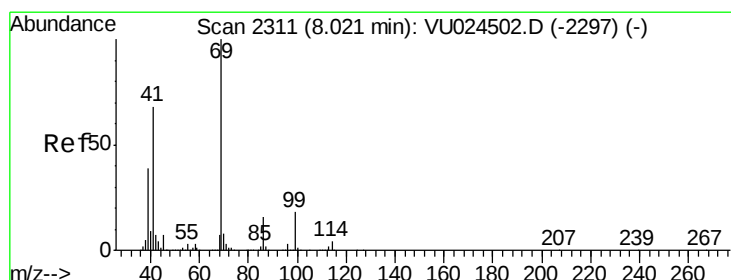
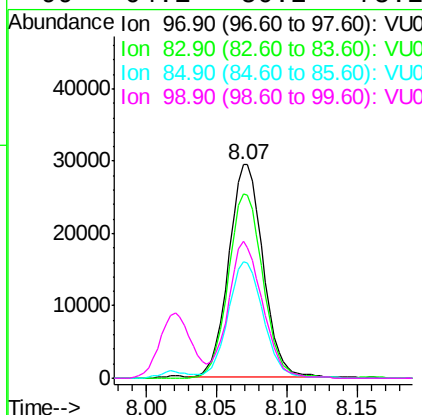
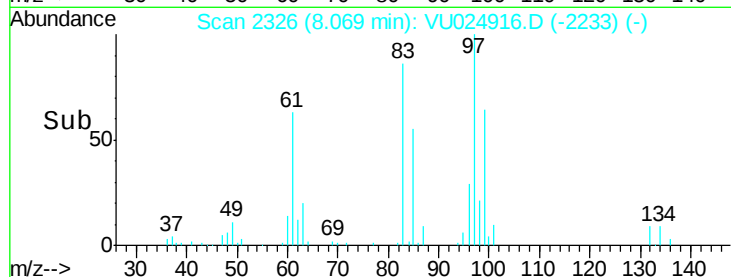
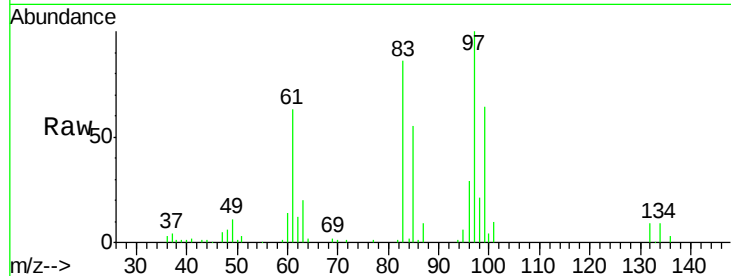
#55
 1,1,2-Trichloroethane
 Concen: 21.52 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Tot Ion:	97	Resp:	50233
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.5	105.7
85	54.6	46.4	69.6
99	64.1	50.2	75.2

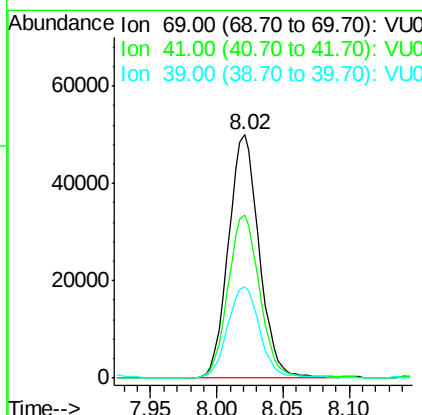
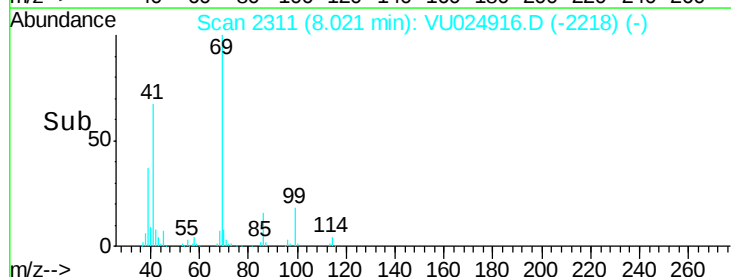
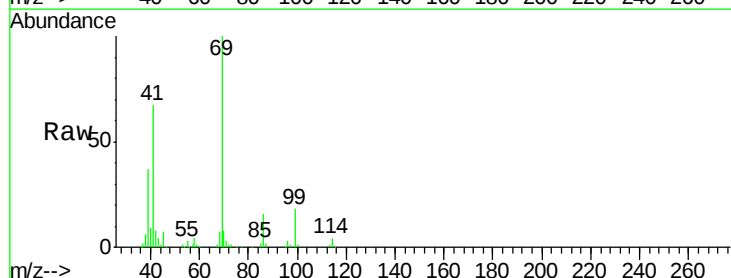
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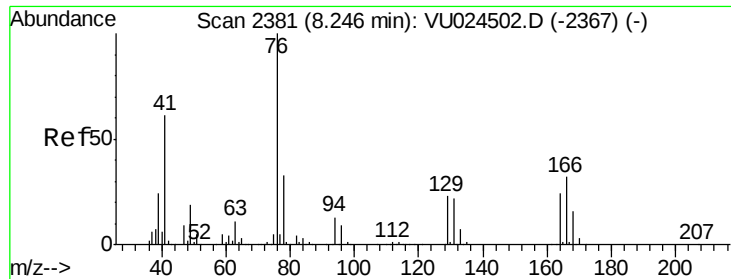
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#56
 Ethyl methacrylate
 Concen: 20.60 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Tgt Ion:	69	Resp:	80466
Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.1	81.1
39	39.3	30.3	45.5





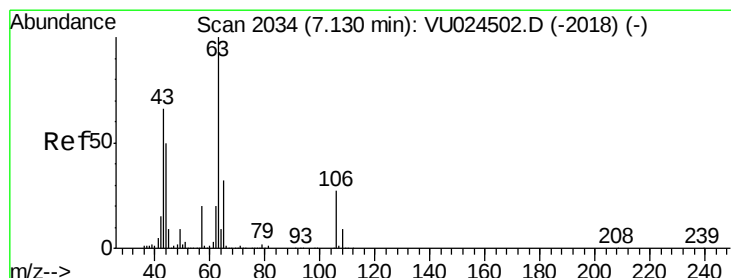
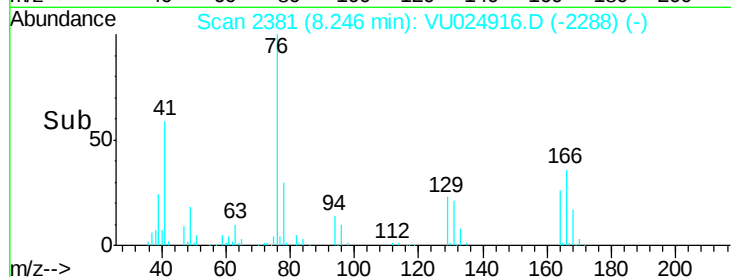
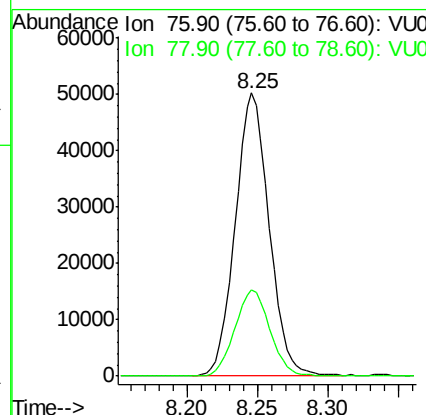
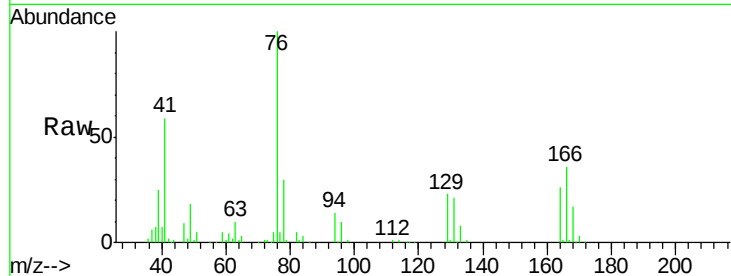
#57
 1,3-Dichloropropane
 Concen: 21.47 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Tot Ion: 76 Resp: 84520
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.2 37.8

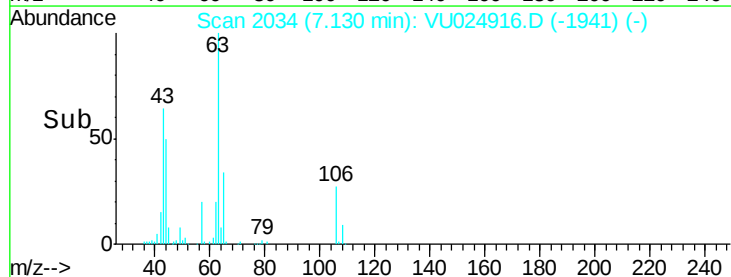
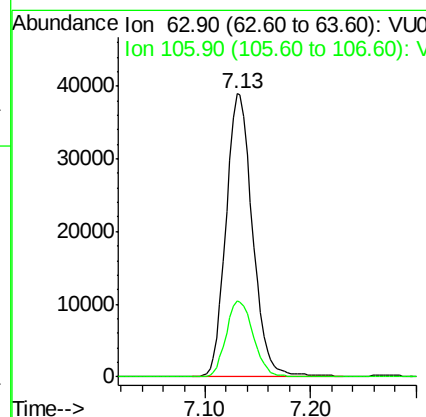
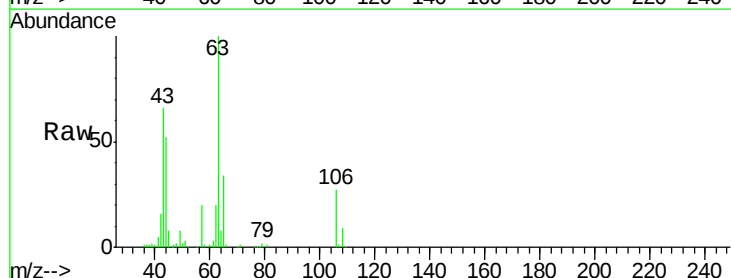
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#58
 2-Chloroethyl Vinyl ether
 Concen: 45.39 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Tgt Ion: 63 Resp: 67924
 Ion Ratio Lower Upper
 63 100
 106 27.3 20.2 30.2





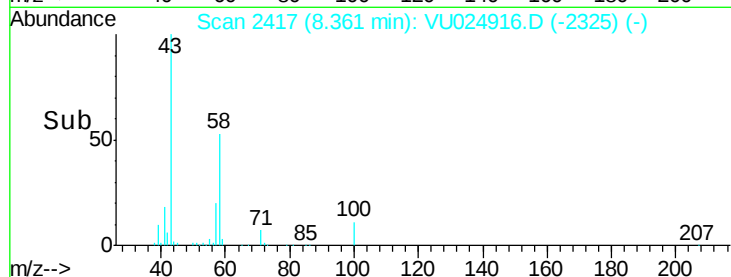
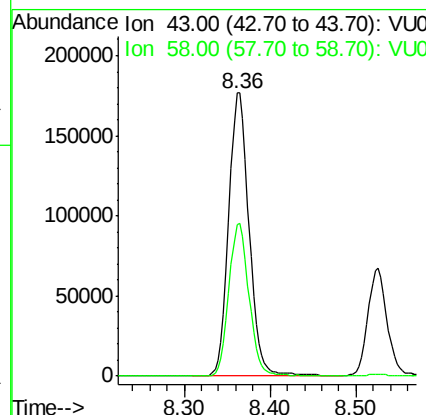
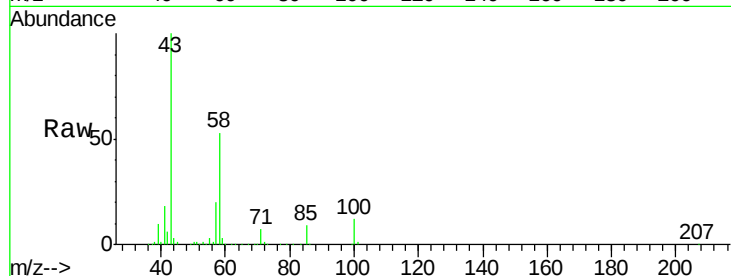
#59
2-Hexanone
Concen: 96.95 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	43	Resp	293432
Ion Ratio	100	Lower	Upper
43	100		
58	53.0	26.4	79.0

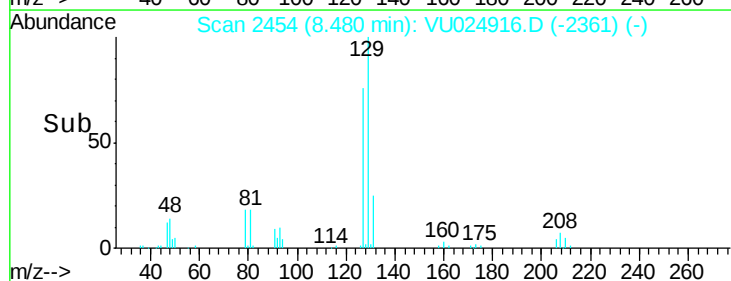
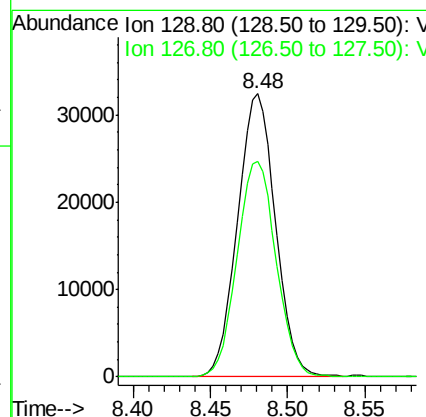
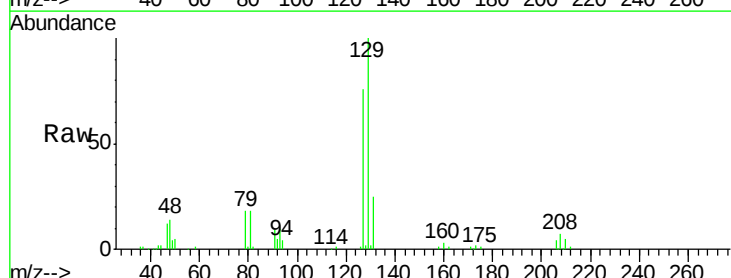
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#60
Dibromochloromethane
Concen: 18.98 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	129	Resp	55242
Ion Ratio	100	Lower	Upper
129	100		
127	78.1	38.6	116.0





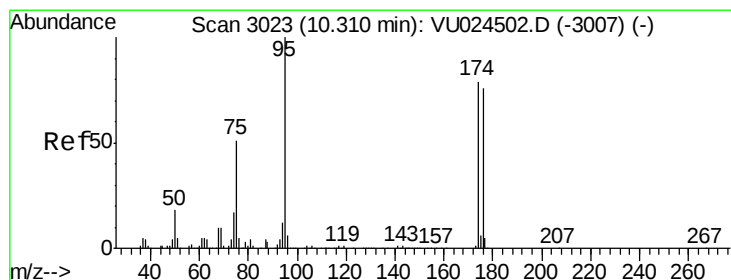
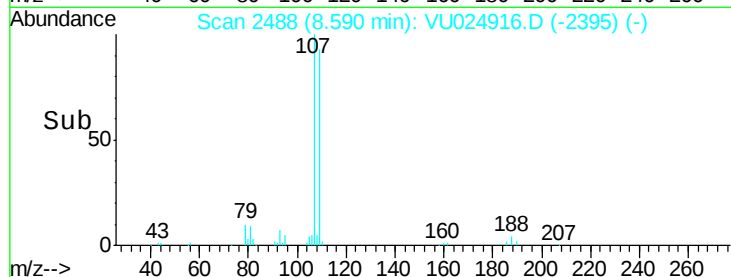
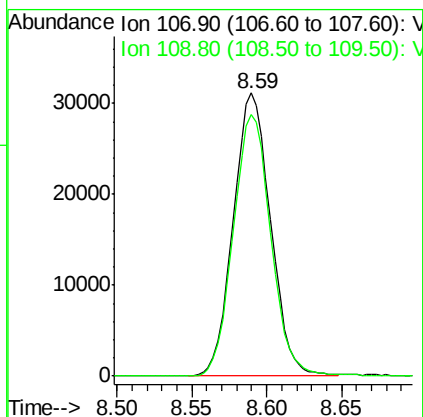
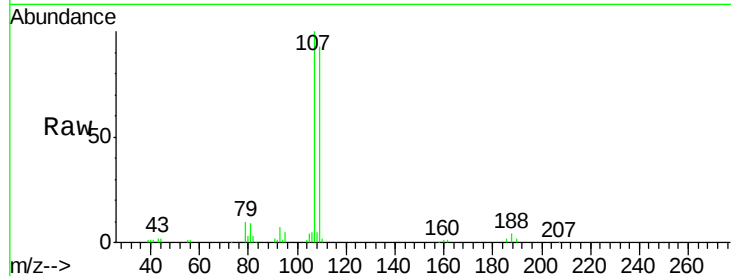
#61
 1,2-Dibromoethane
 Concen: 20.80 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Tot Ion:107 Resp: 54039
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.5 111.7

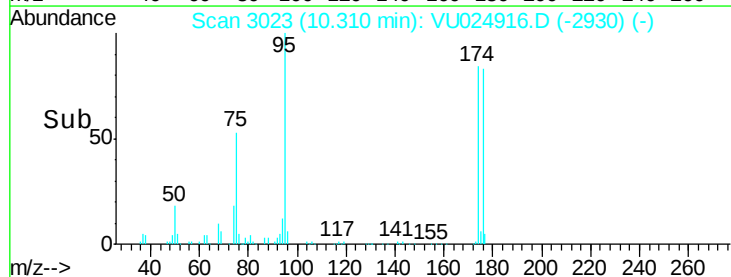
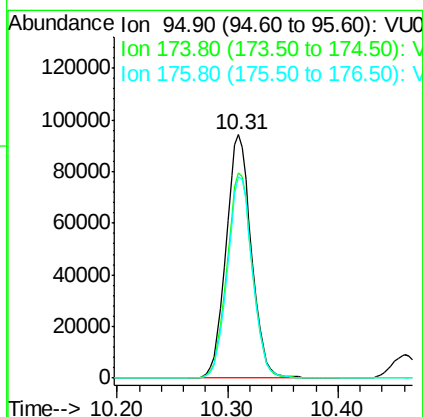
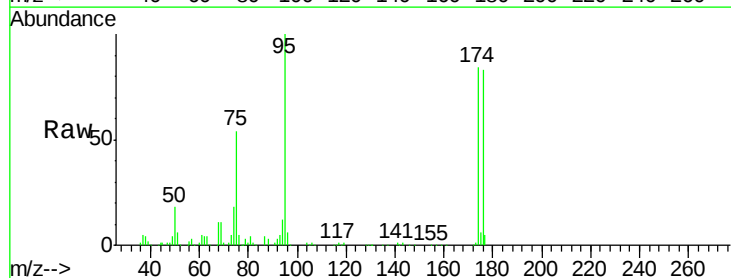
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#62
 4-Bromofluorobenzene
 Concen: 46.61 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Tgt Ion: 95 Resp: 149320
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 165.8
 176 82.2 0.0 159.4





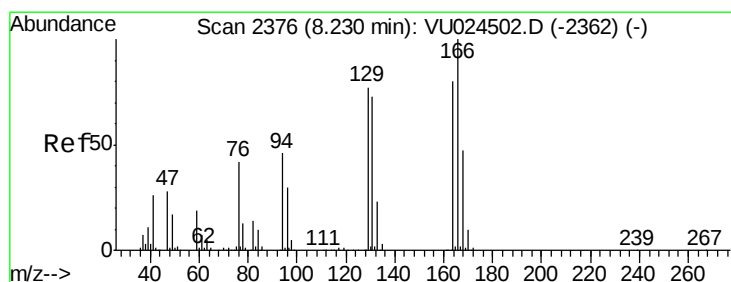
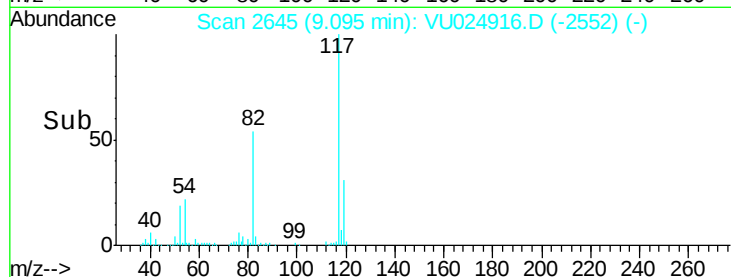
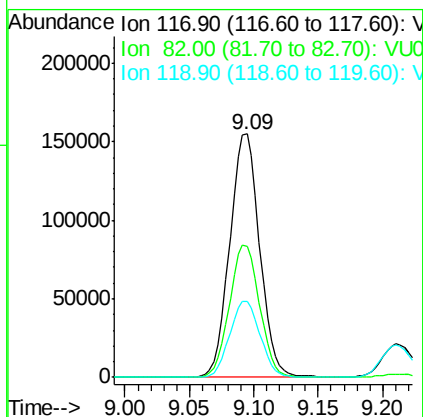
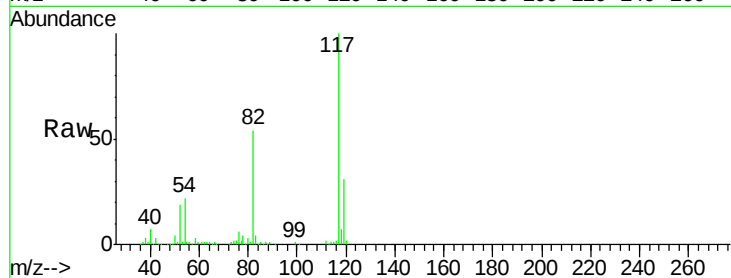
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.3	66.5
119	31.1	25.4	38.2

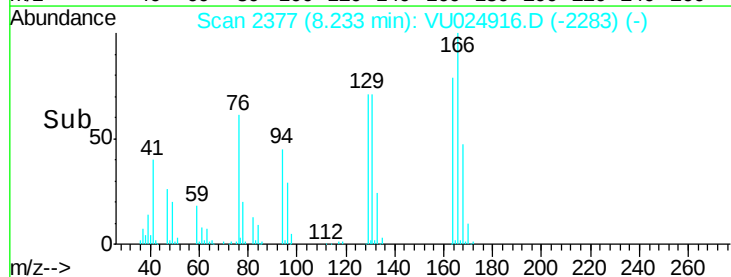
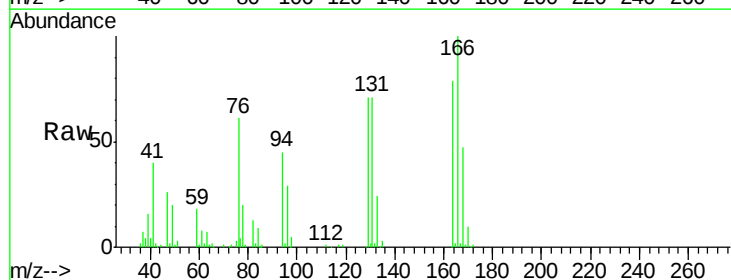
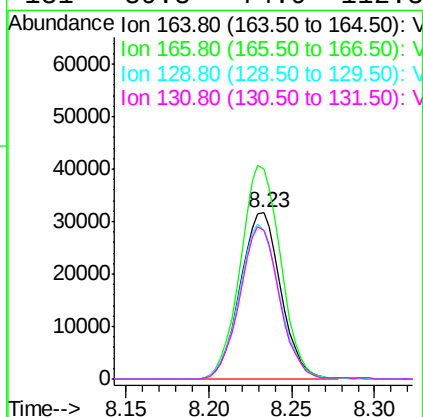
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#64
Tetrachloroethene
Concen: 22.70 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.7	152.5
129	89.8	76.9	115.3
131	89.8	74.9	112.3





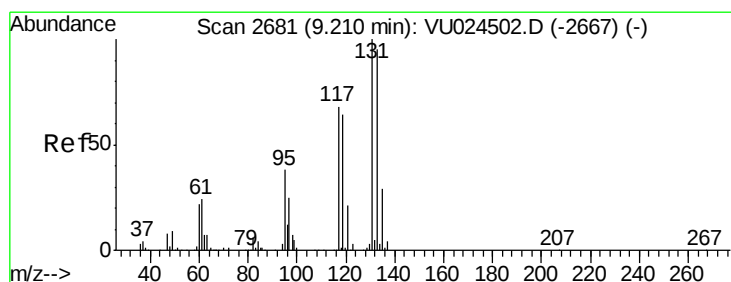
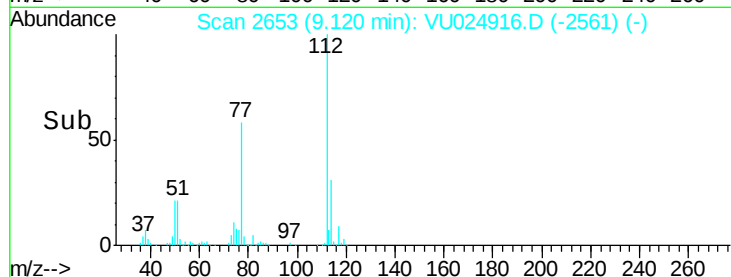
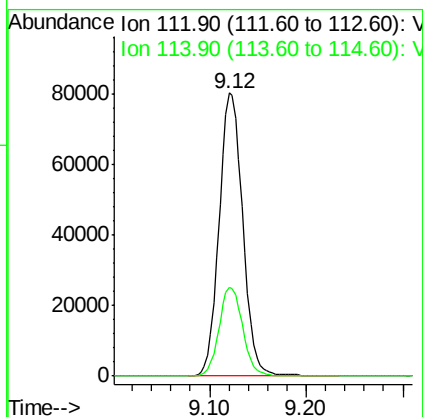
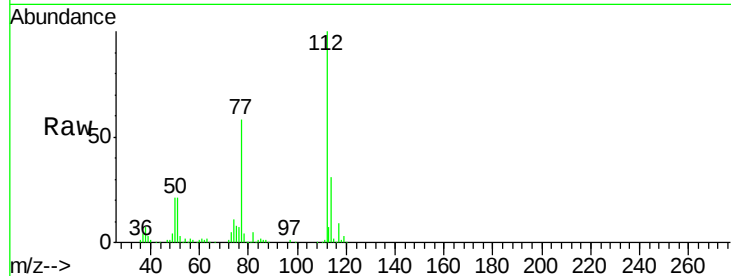
#65
Chlorobenzene
Concen: 21.39 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion:112 Resp: 136265
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4

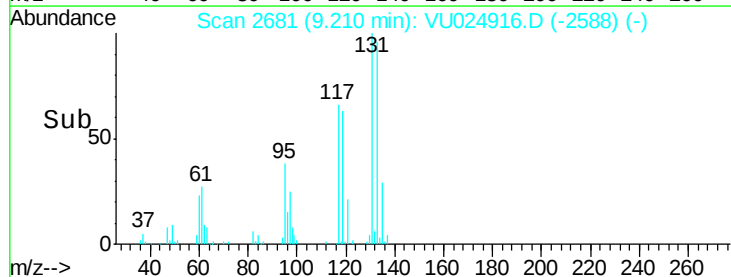
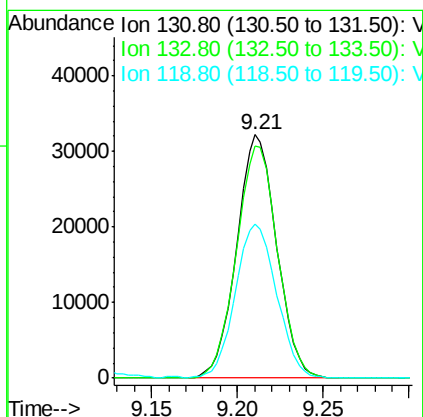
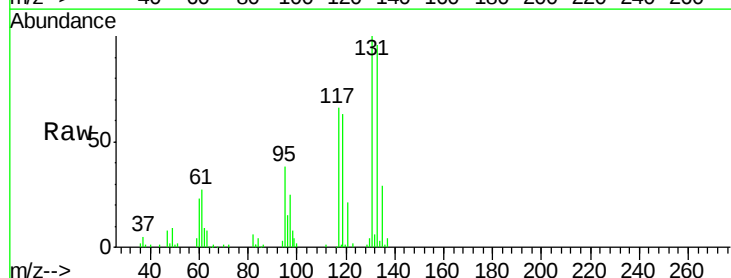
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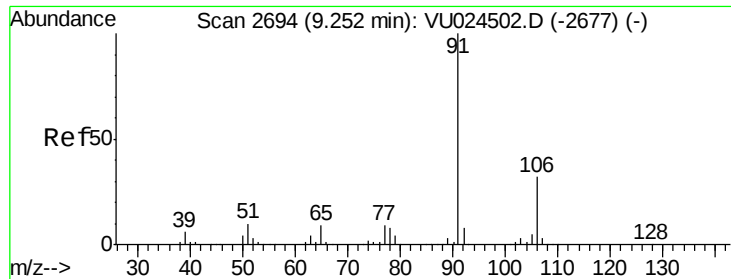
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.47 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion:131 Resp: 51949
Ion Ratio Lower Upper
131 100
133 98.4 46.9 140.8
119 65.6 33.5 100.4





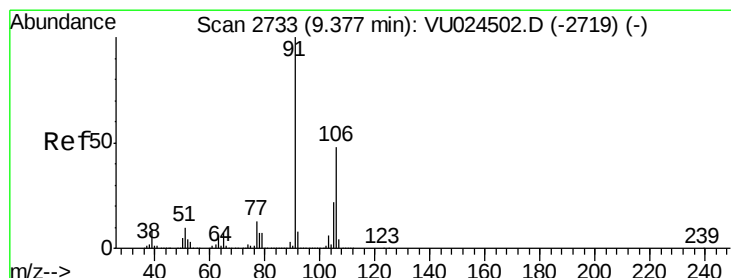
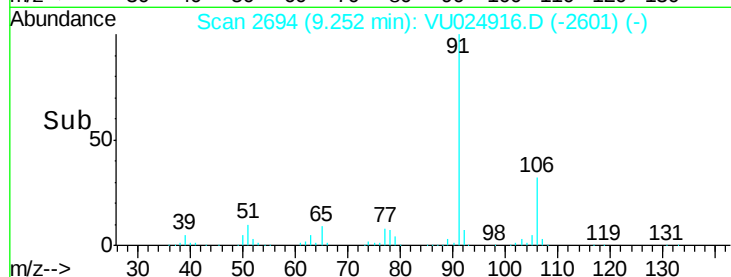
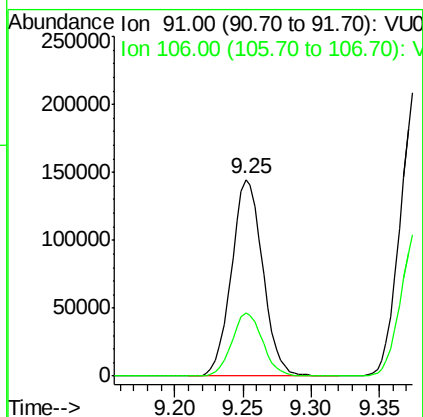
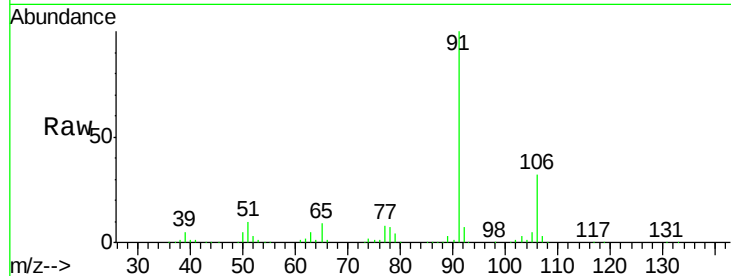
#67
Ethyl Benzene
Concen: 20.70 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion: 91 Resp: 231164
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4

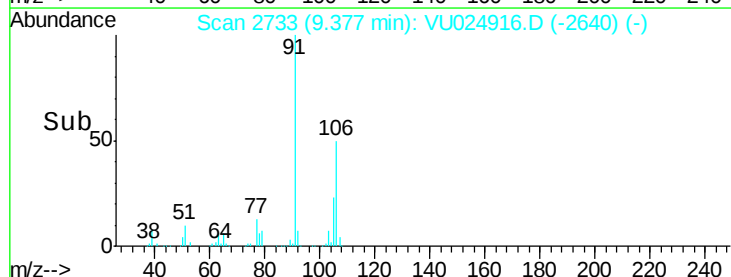
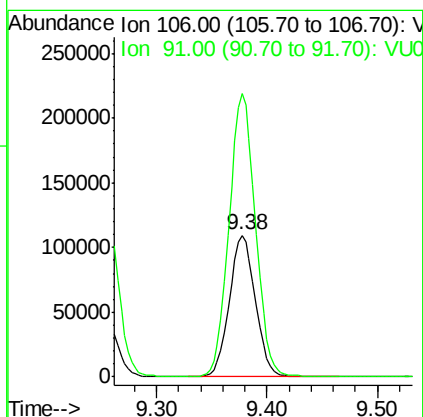
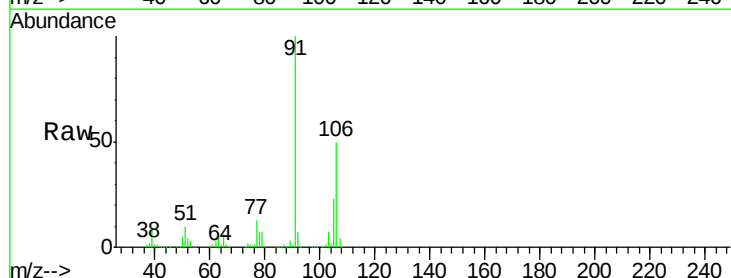
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#68
m/p-Xylenes
Concen: 41.72 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion: 106 Resp: 178905
Ion Ratio Lower Upper
106 100
91 202.9 166.5 249.7





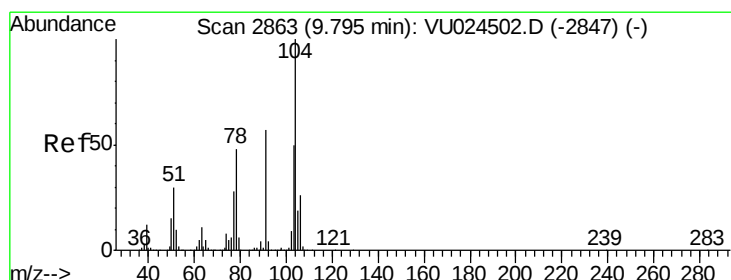
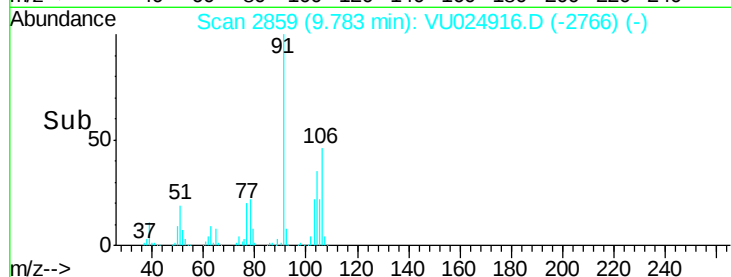
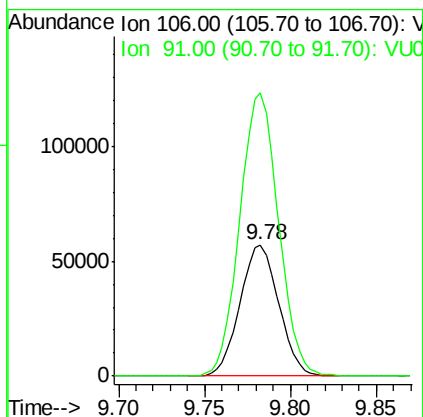
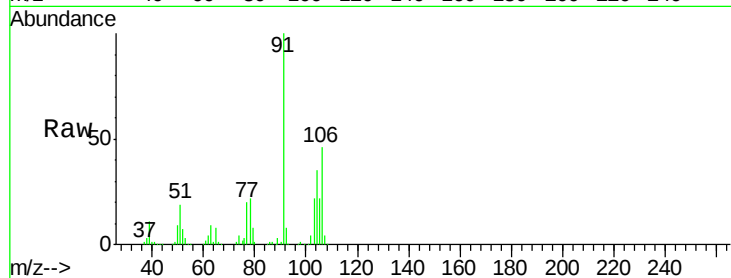
#69
o-Xylene
Concen: 21.09 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion:106 Resp: 89480
Ion Ratio Lower Upper
106 100
91 215.1 110.7 331.9

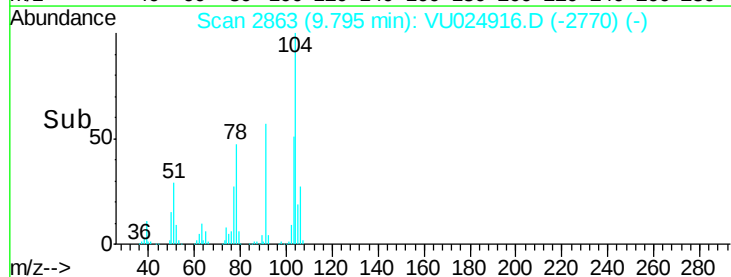
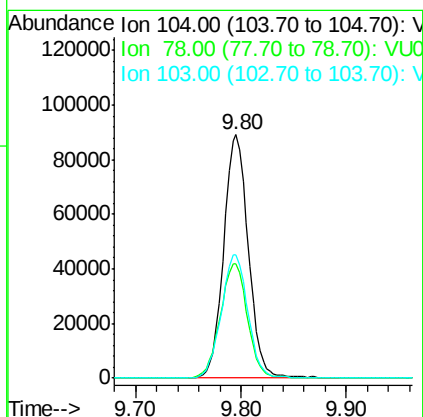
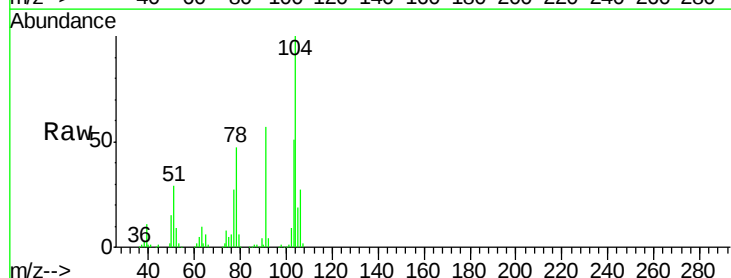
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#70
Styrene
Concen: 20.70 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion:104 Resp: 144389
Ion Ratio Lower Upper
104 100
78 51.6 40.6 60.8
103 54.6 44.7 67.1





#71

Bromoform

Concen: 18.61 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

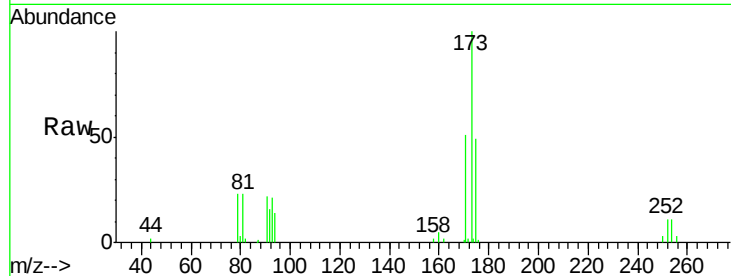
ClientSampleId :

VU0625MBSD02

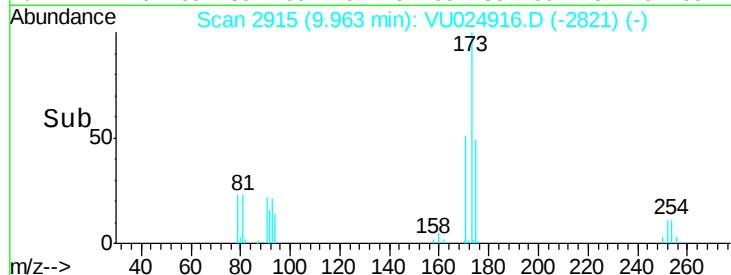
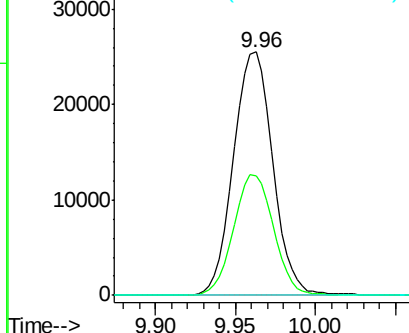
Tot Ion:173	Resp:	42796
Ion Ratio	Lower	Upper
173 100		
175 50.1	24.6	74.0
254 0.0	0.0	0.0

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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

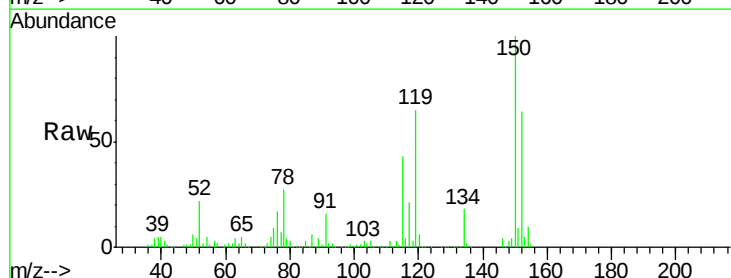
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

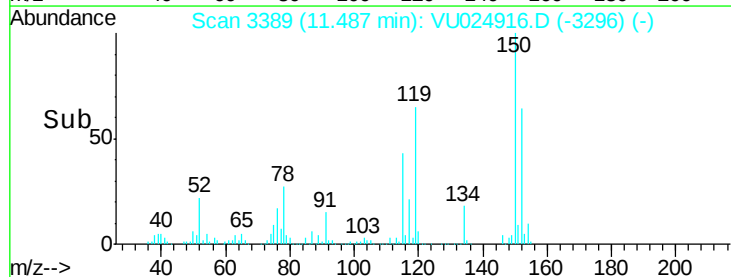
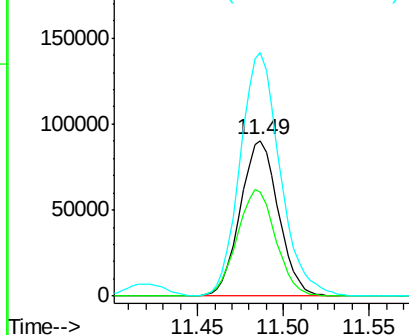
Lab File: VU024916.D

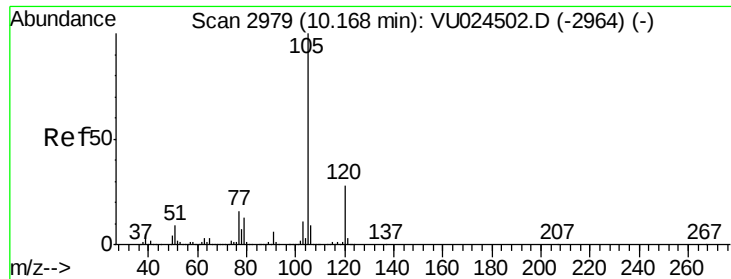
Acq: 26 Jun 2018 08:15

Tgt Ion:152	Resp:	139137
Ion Ratio	Lower	Upper
152 100		
115 69.8	43.0	129.0
150 163.9	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: 22.48 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampled :

VU0625MBSD02

Tot Ion: 105 Resp: 240102

Ion Ratio Lower Upper

105 100

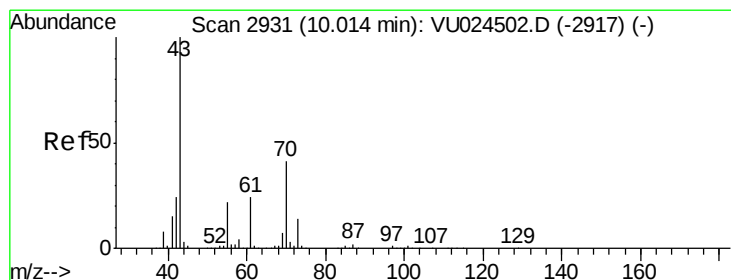
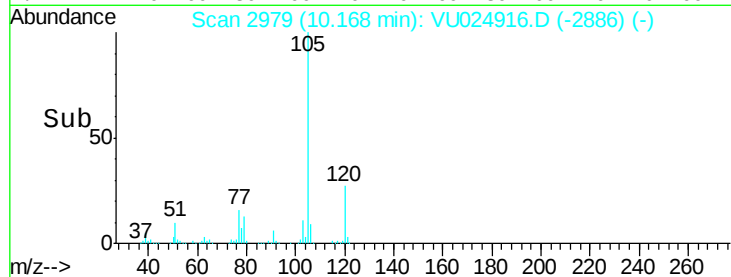
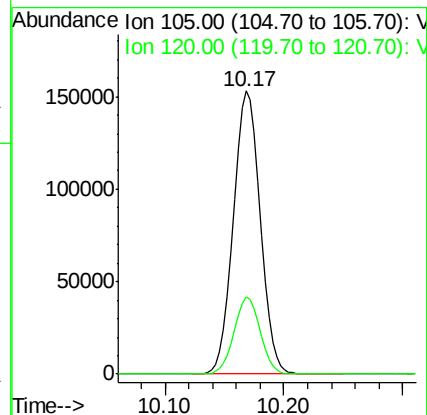
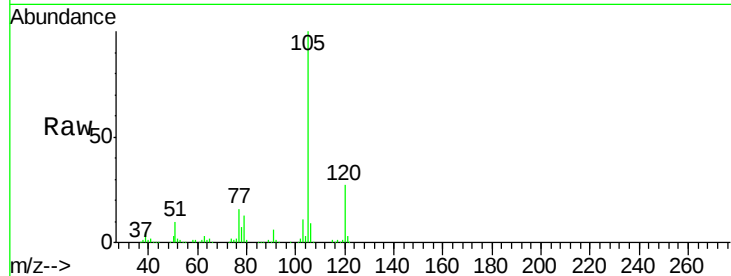
120 26.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.15 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Tgt Ion: 43 Resp: 102404

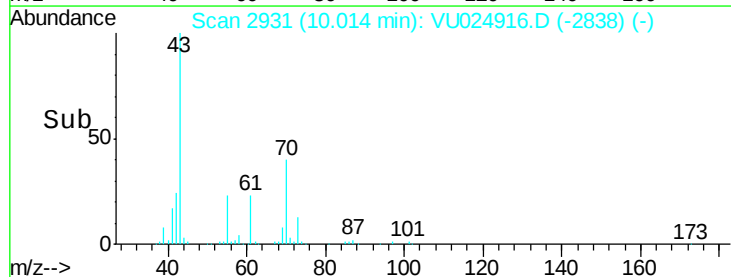
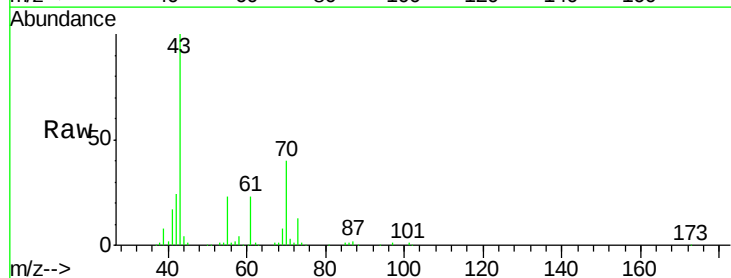
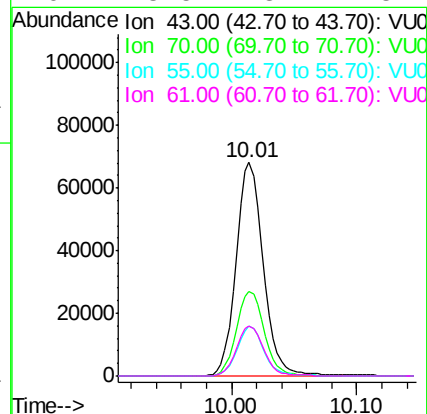
Ion Ratio Lower Upper

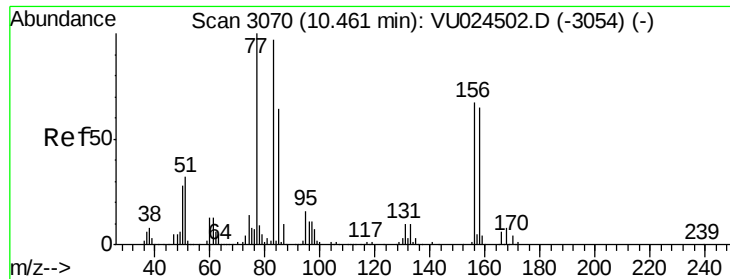
43 100

70 40.9 32.2 48.4

55 23.1 20.5 30.7

61 23.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.78 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBSD02

Tot Ion: 83 Resp: 81550

Ion Ratio Lower Upper

83 100

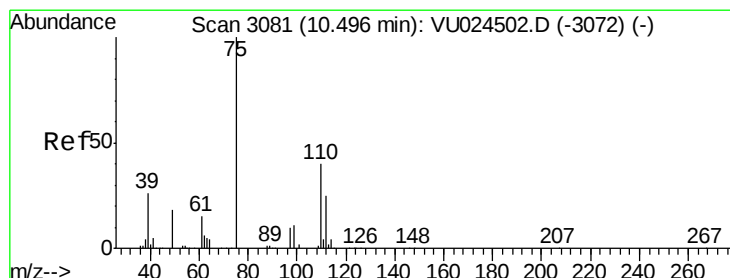
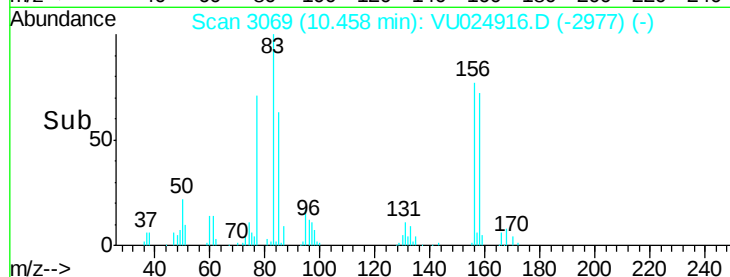
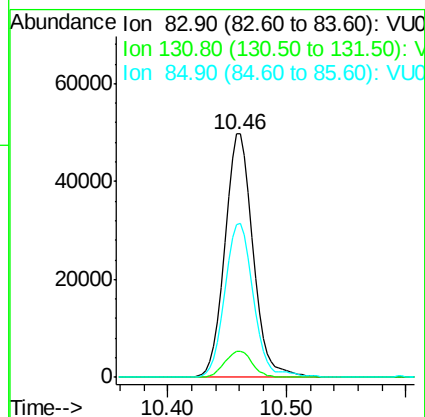
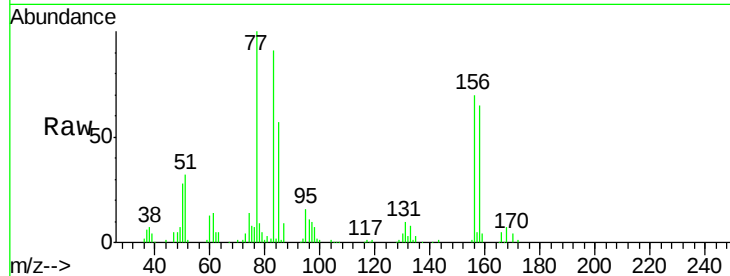
131 10.4 4.7 14.1

85 64.3 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 24.01 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024916.D

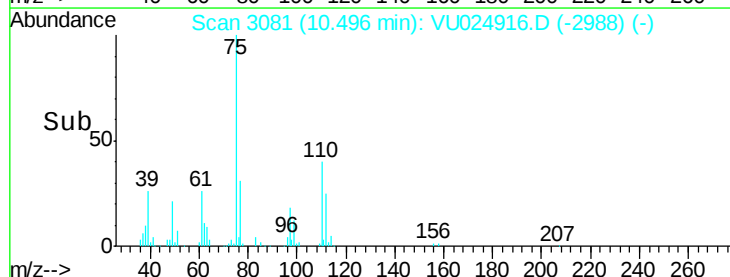
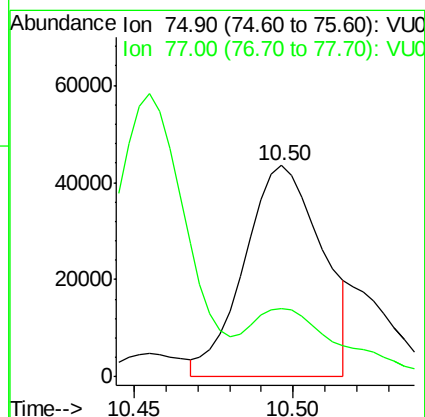
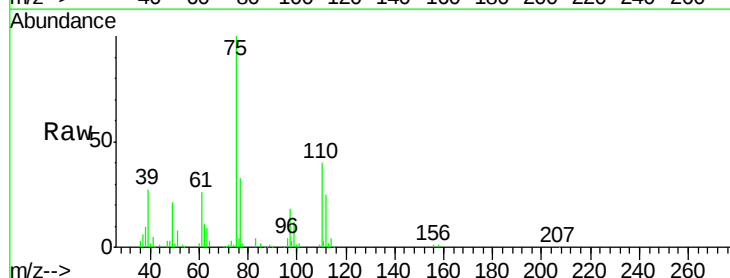
Acq: 26 Jun 2018 08:15

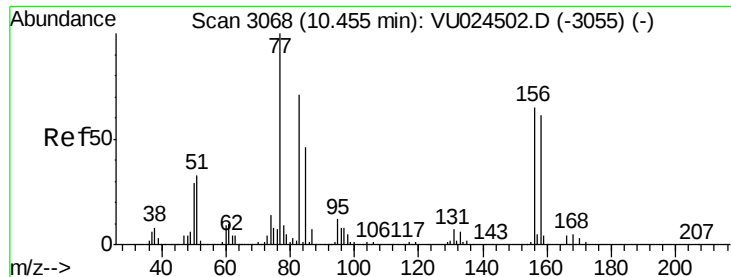
Tgt Ion: 75 Resp: 73535

Ion Ratio Lower Upper

75 100

77 39.6 20.9 62.7





#77

Bromobenzene

Concen: 22.84 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

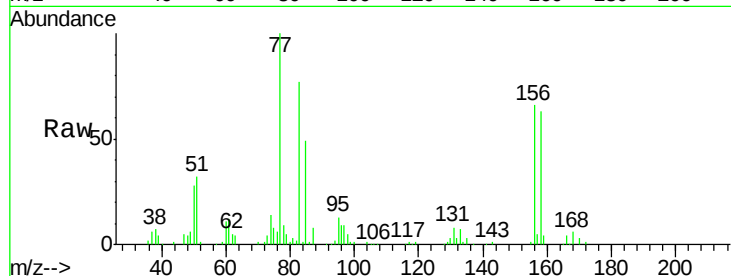
ClientSampleId :

VU0625MBSD02

Tot Ion:	156	Resp:	61761
Ion Ratio	Lower	Upper	
156	100		
77	150.5	80.5	241.3
158	96.6	48.2	144.6

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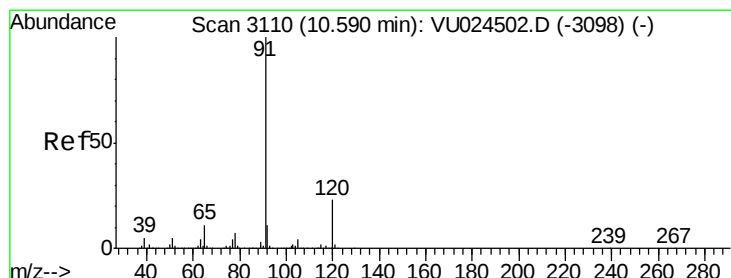
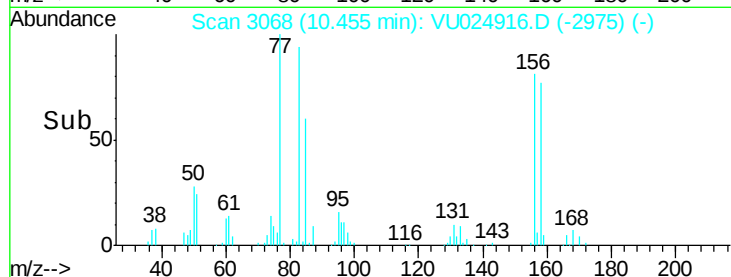
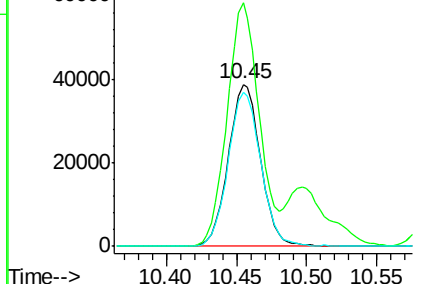
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.11 ug/l

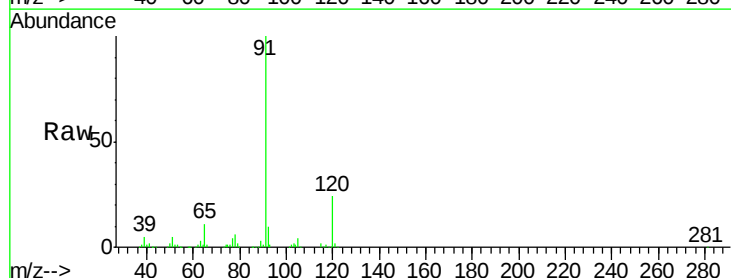
RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024916.D

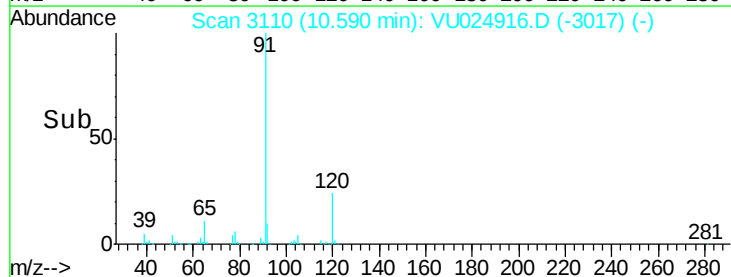
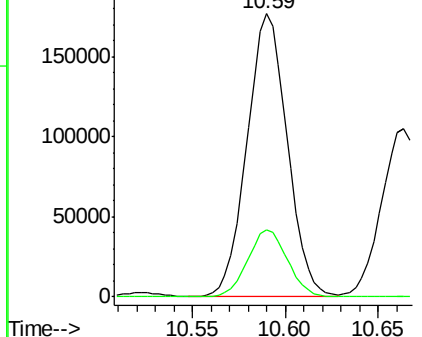
Acq: 26 Jun 2018 08:15

Tgt Ion:	91	Resp:	265620
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.10 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBSD02

Tot Ion: 91 Resp: 163964

Ion Ratio Lower Upper

91 100

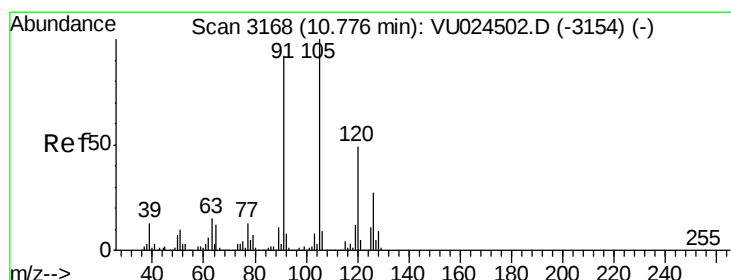
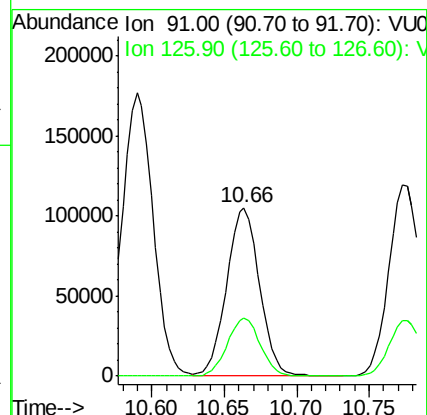
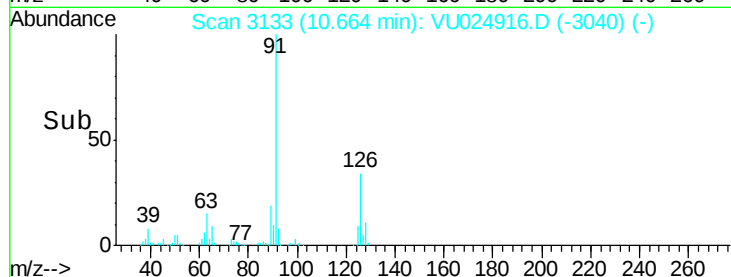
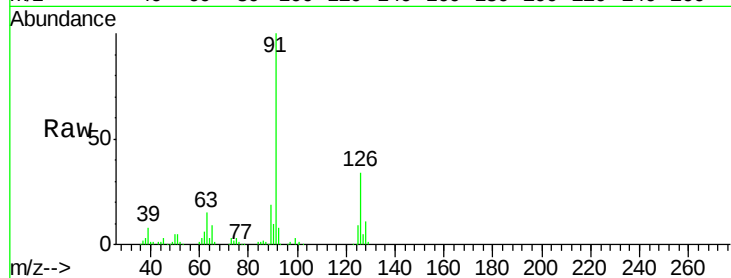
126 34.6 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 21.66 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU024916.D

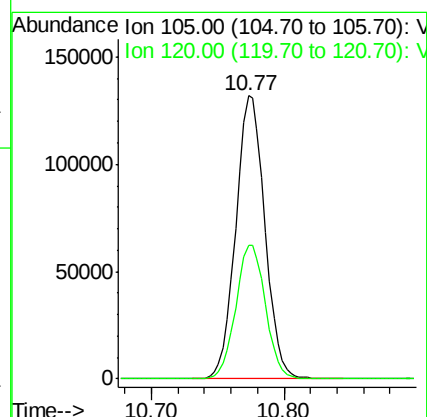
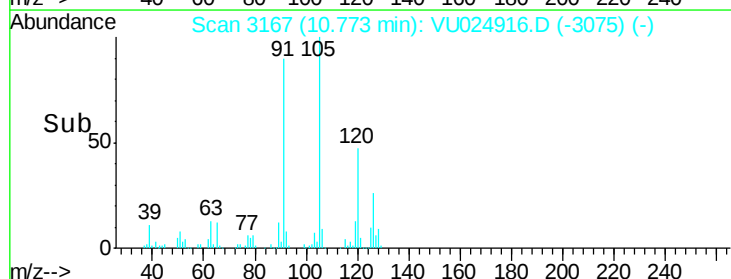
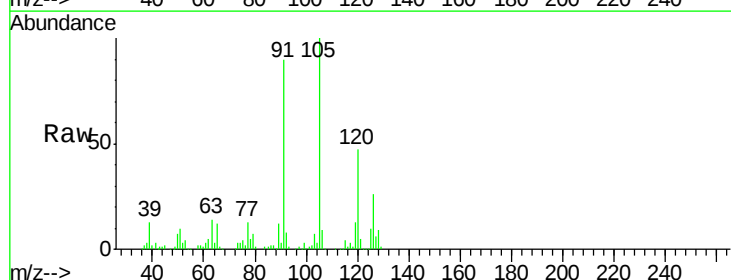
Acq: 26 Jun 2018 08:15

Tgt Ion: 105 Resp: 200557

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





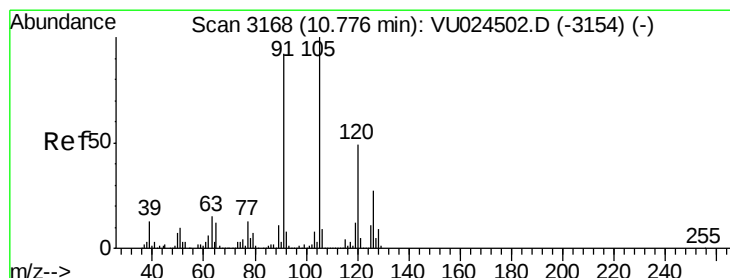
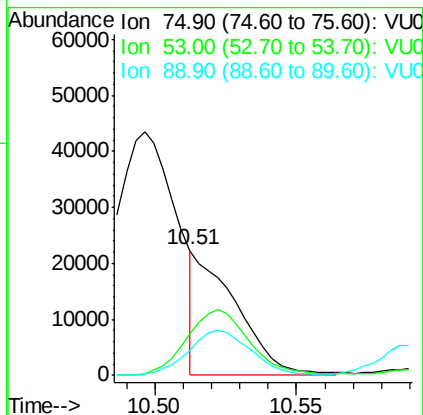
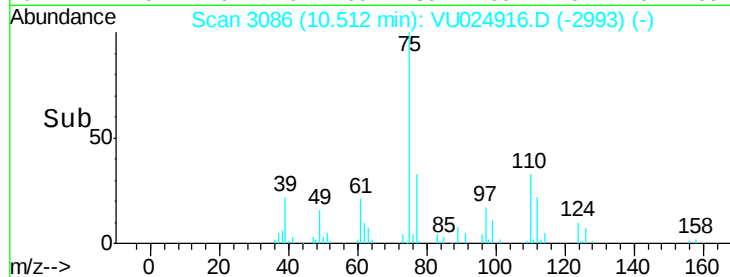
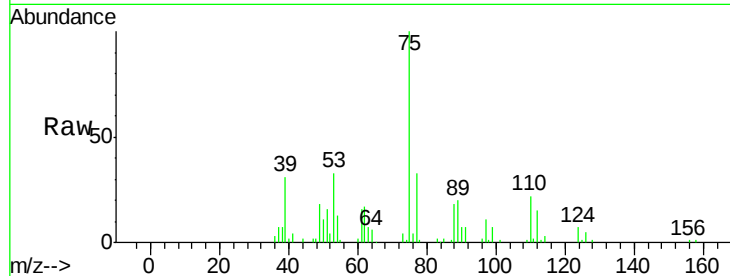
#81
trans-1,4-Dichloro-2-butene
Concen: 16.98 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

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

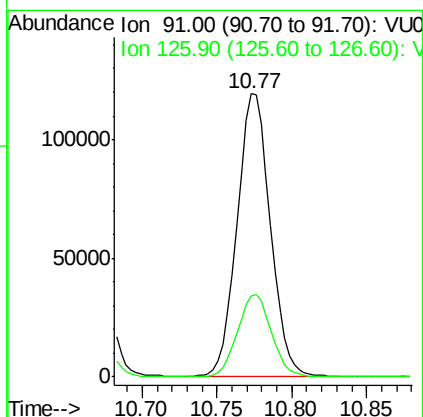
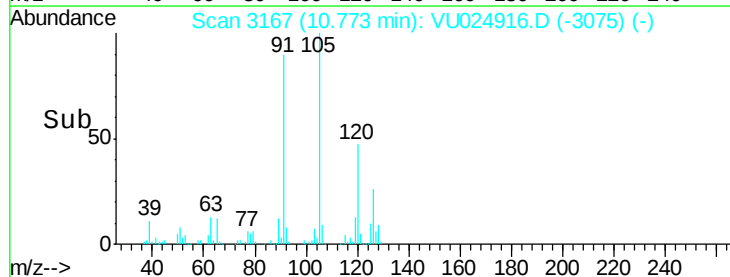
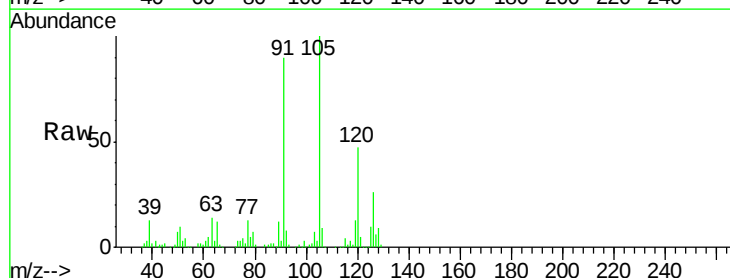
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#82
4-Chlorotoluene
Concen: 21.30 ug/l
RT: 10.77 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.9	44.9





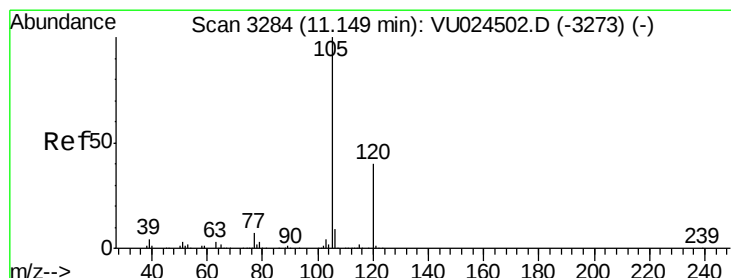
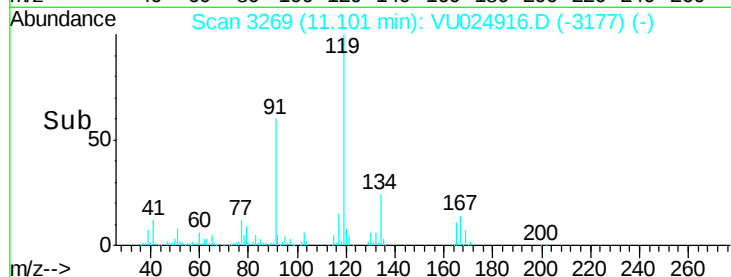
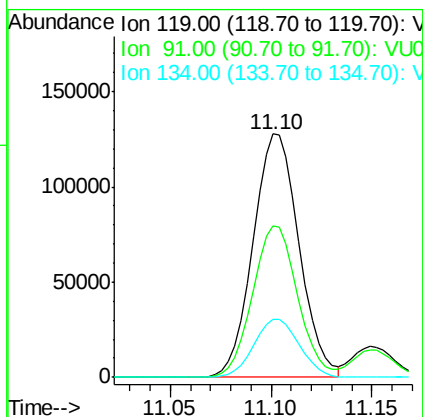
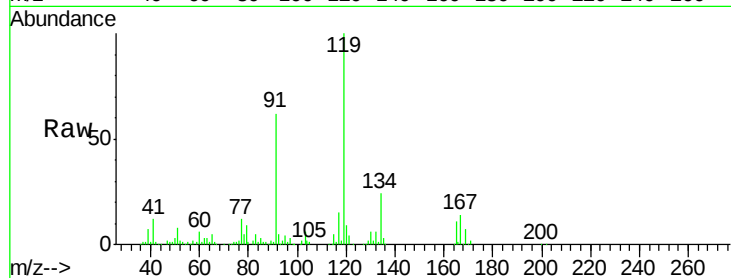
#83
tert-Butylbenzene
Concen: 22.88 ug/l
RT: 11.10 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	29.7	89.1
134	23.6	11.6	34.7

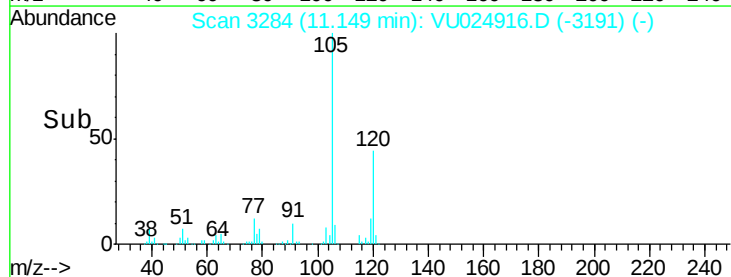
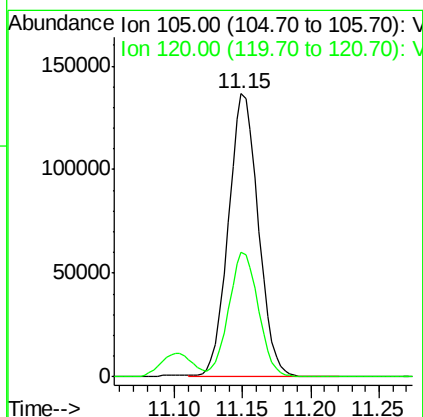
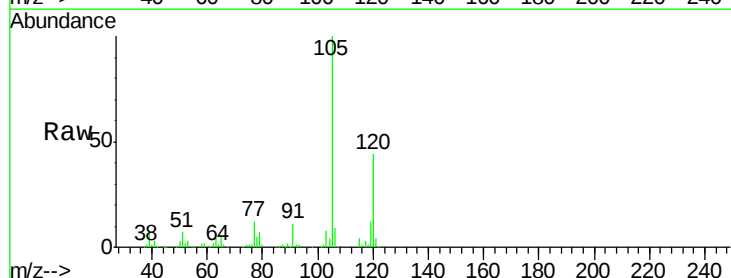
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#84
1,2,4-Trimethylbenzene
Concen: 22.08 ug/l
RT: 11.15 min Scan# 3284
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 21.75 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

ClientSampleId :

VU0625MBSD02

Tot Ion:105 Resp: 242519

Ion Ratio Lower Upper

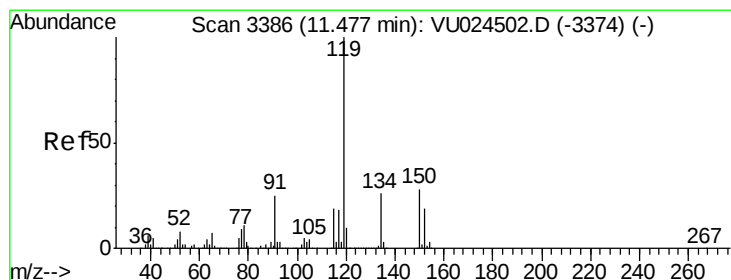
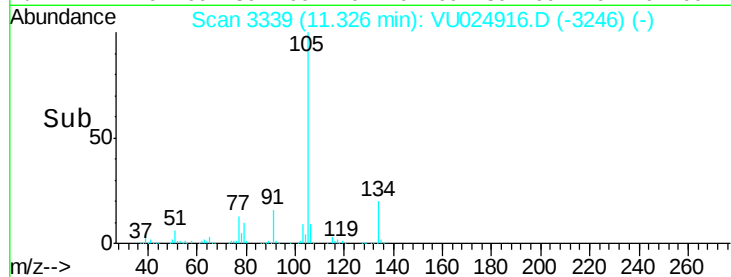
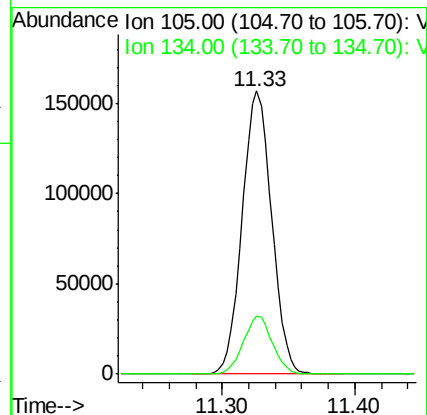
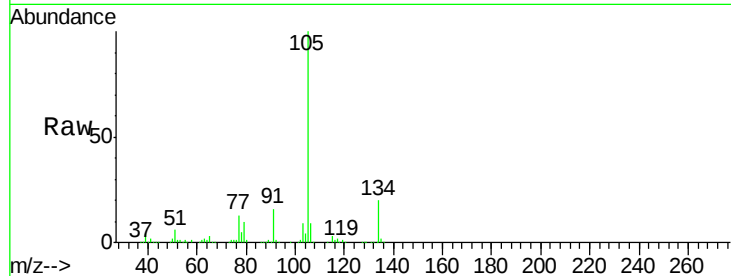
105 100

134 20.2 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 21.03 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

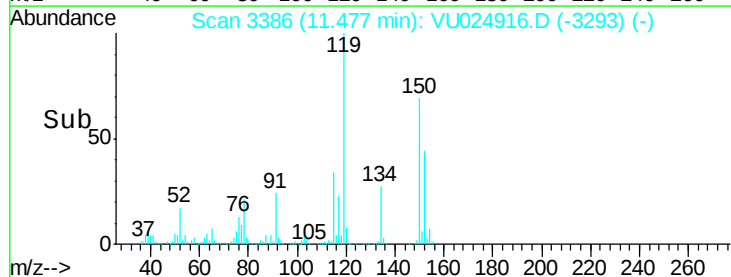
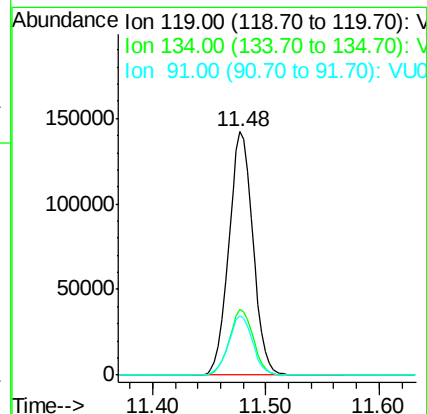
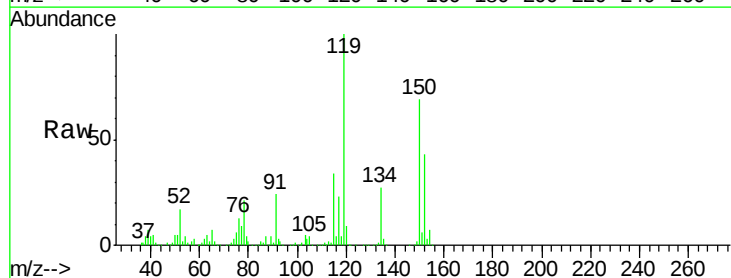
Tgt Ion:119 Resp: 209974

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

91 24.4 12.0 36.1





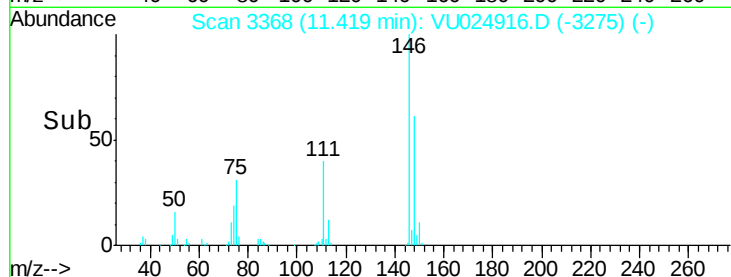
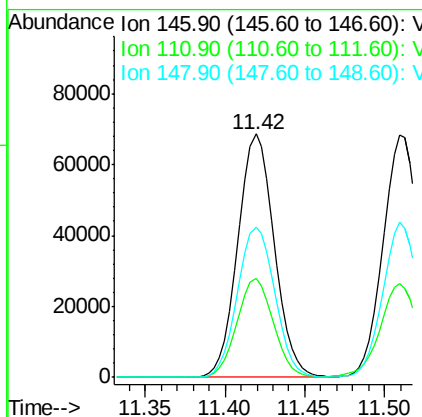
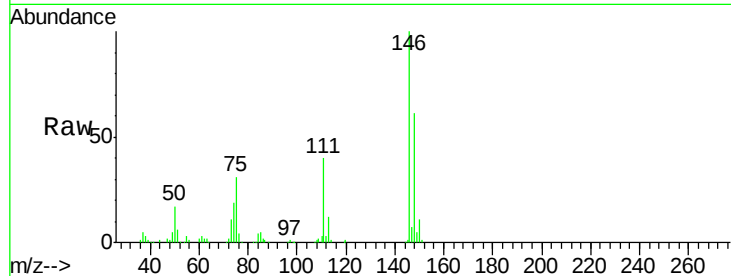
#87
 1,3-Dichlorobenzene
 Concen: 21.31 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	63.1	32.1	96.5

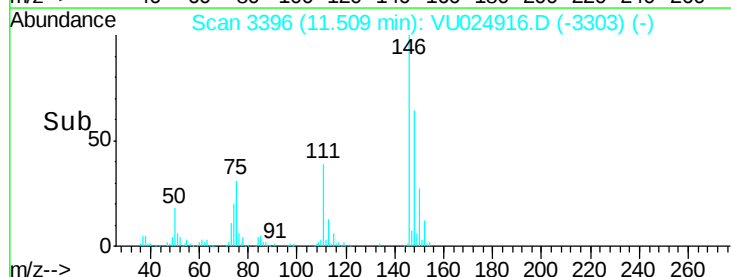
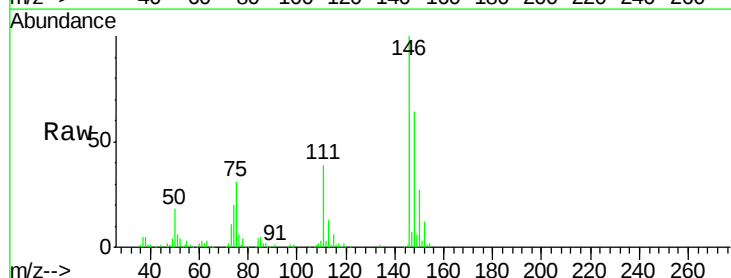
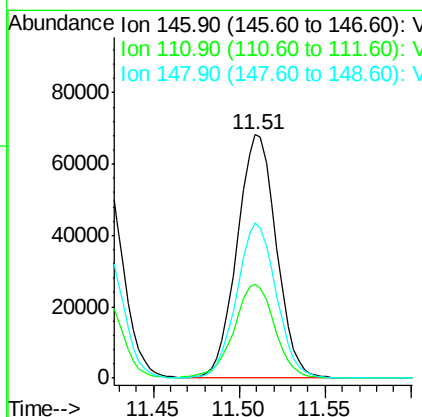
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#88
 1,4-Dichlorobenzene
 Concen: 21.39 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.5	58.5
148	64.8	32.4	97.0





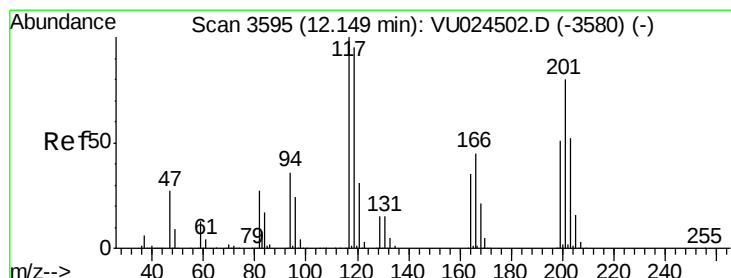
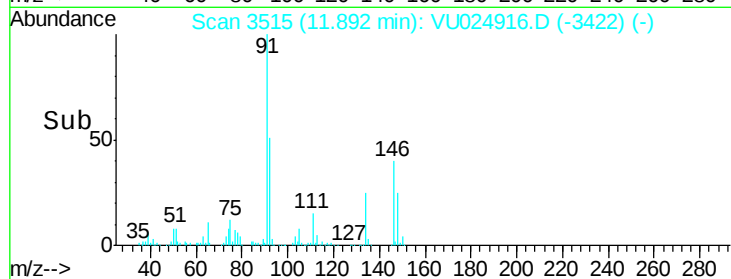
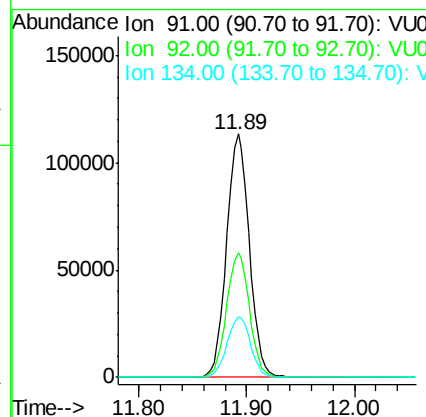
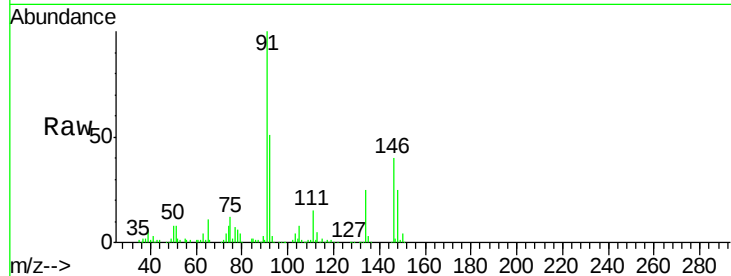
#89
n-Butylbenzene
Concen: 18.71 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.6	76.8
134	25.6	12.3	36.8

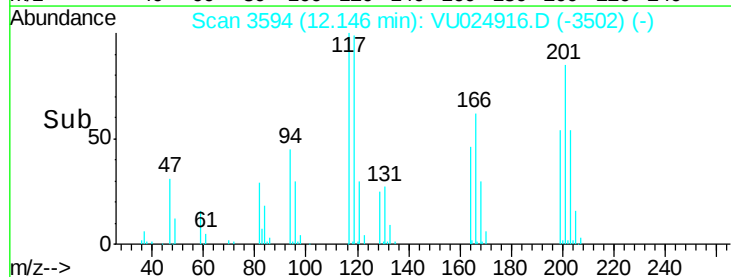
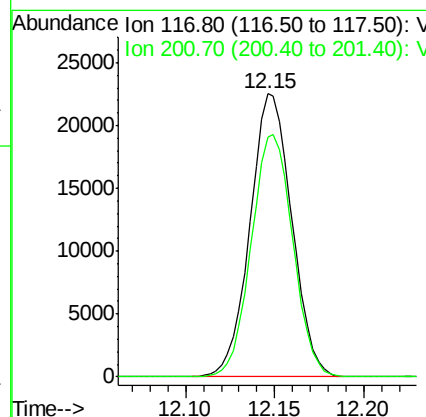
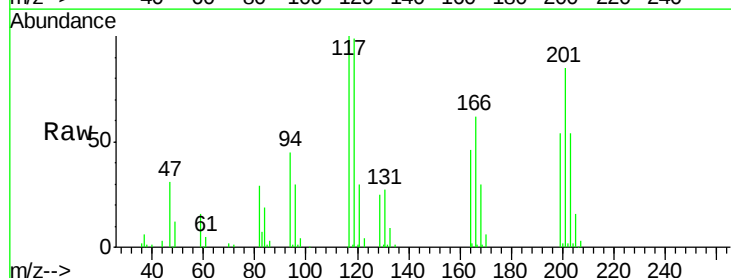
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#90
Hexachloroethane
Concen: 18.93 ug/l
RT: 12.15 min Scan# 3594
Delta R.T. -0.00 min
Lab File: VU024916.D
Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	41.1	123.3





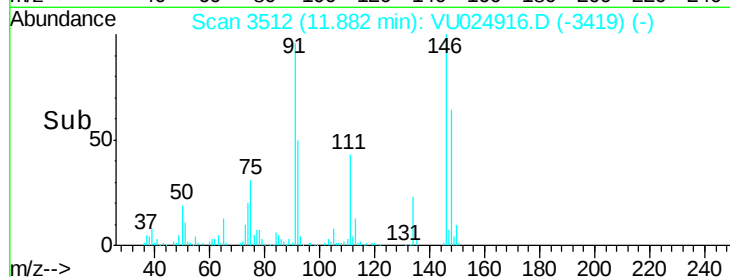
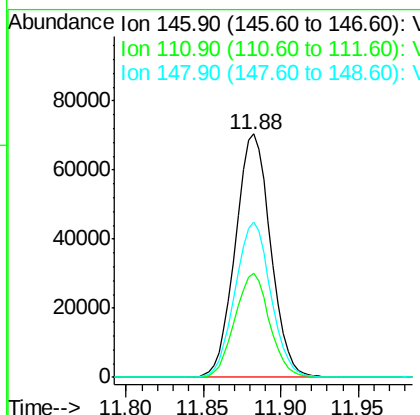
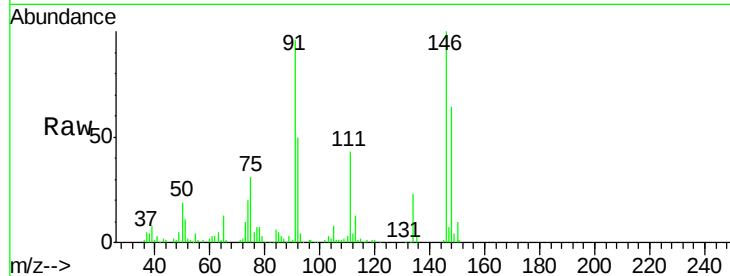
#91
 1,2-Dichlorobenzene
 Concen: 22.31 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.5	61.6
148	64.7	31.9	95.7

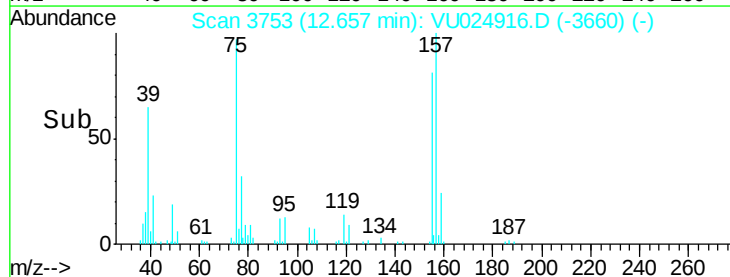
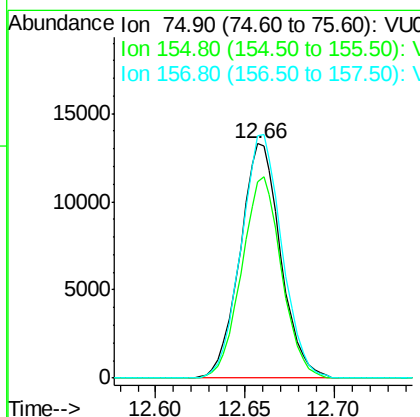
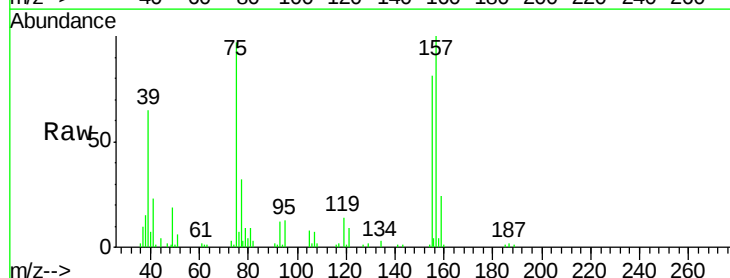
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.37 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.1	40.4	121.2
157	104.0	52.3	156.8





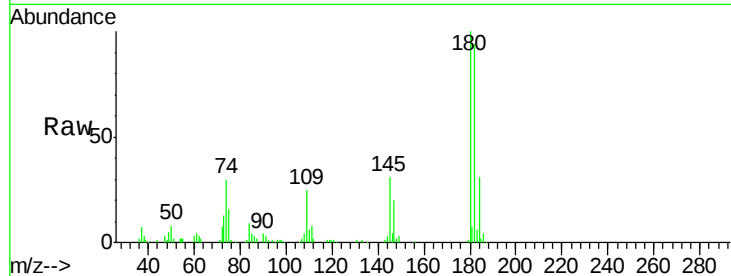
#93
 1,2,4-Trichlorobenzene
 Concen: 22.37 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD02

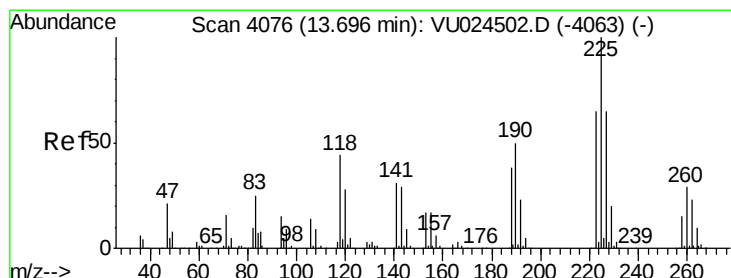
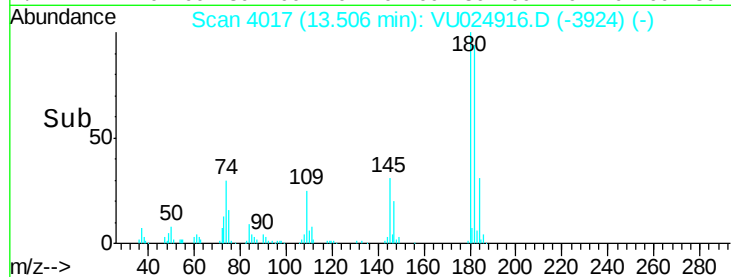
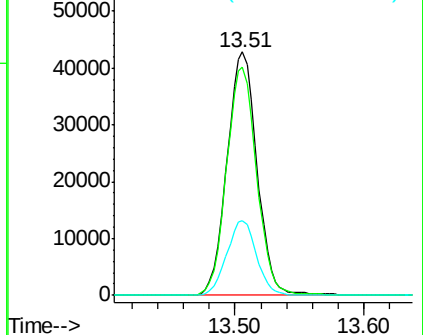
Tot Ion	Ratio	Resp	Lower	Upper
180	100	69119		
182	94.0	48.0	144.2	
145	30.2	14.7	44.1	

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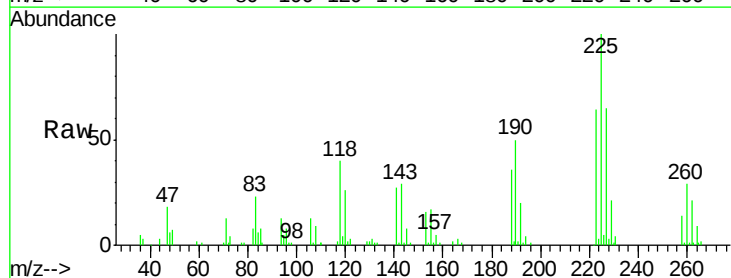


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

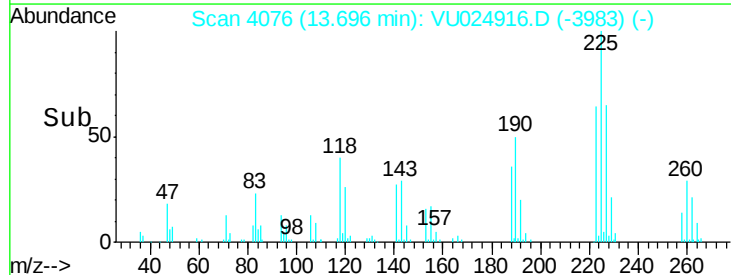
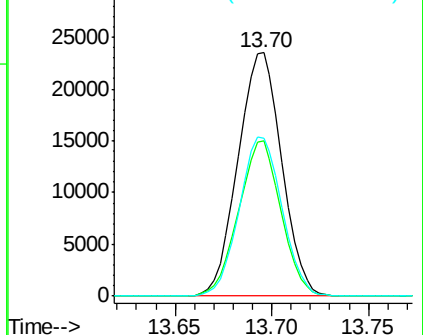


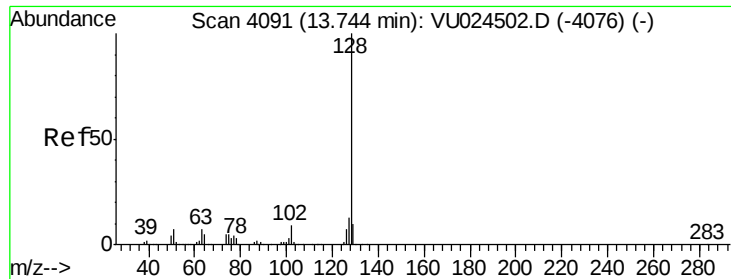
#94
 Hexachlorobutadiene
 Concen: 21.25 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024916.D
 Acq: 26 Jun 2018 08:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36958		
223	61.6	31.3	93.8	
227	64.0	31.8	95.4	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 23.11 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Instrument :

MSVOA_U

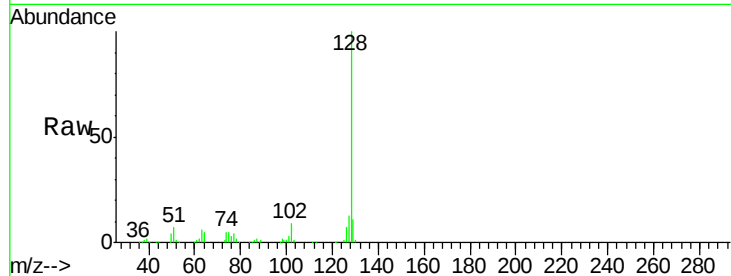
ClientSampleId :

VU0625MBSD02

Tot Ion:	128	Resp:	232636
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	11.0	8.6	12.8

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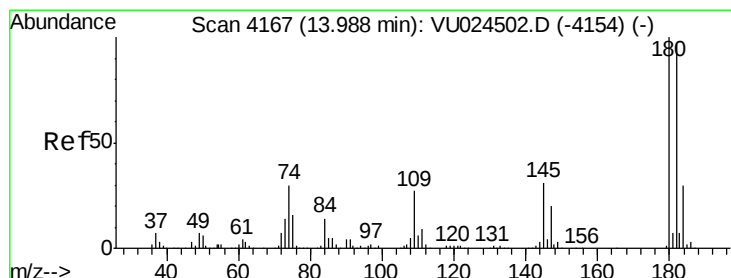
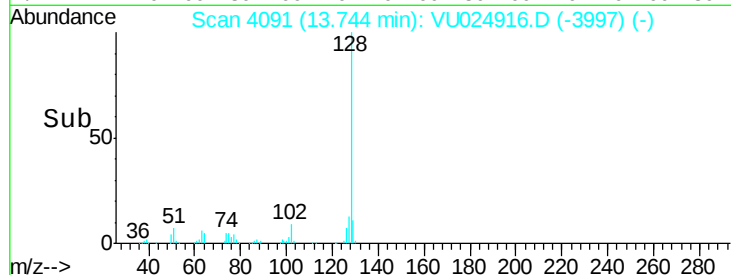
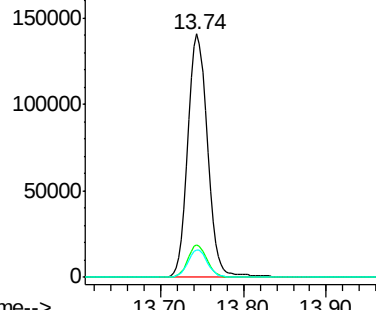
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 24.60 ug/l

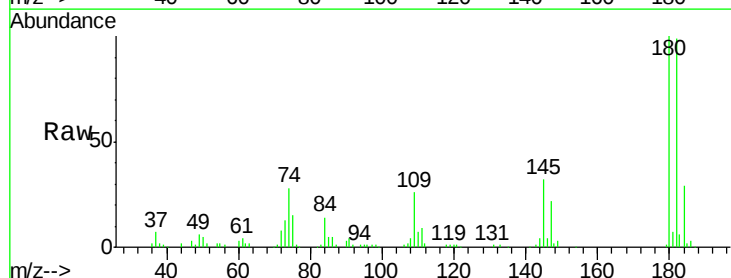
RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU024916.D

Acq: 26 Jun 2018 08:15

Tgt Ion:	180	Resp:	75749
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.7
145	30.4	15.4	46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

