

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024777.D
 Acq On : 21 Jun 2018 00:00
 Operator : MD/SY
 Sample : VU0620WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Manual Integrations
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 6/21/2018 1:44:59 PM

Quant Time: Jun 21 08:37:04 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	173354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272228	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	252894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	121663	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	
35) Dibromofluoromethane	4.89	113	101446	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
50) Toluene-d8	7.57	98	365688	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
62) 4-Bromofluorobenzene	10.31	95	139498	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40312	18.58	ug/l	97
3) Chloromethane	1.33	50	44510	20.08	ug/l	100
4) Vinyl Chloride	1.40	62	47181	20.64	ug/l	100
5) Bromomethane	1.62	94	29526	26.72	ug/l	99
6) Chloroethane	1.70	64	30200	23.07	ug/l	99
7) Trichlorofluoromethane	1.89	101	71836	20.59	ug/l	99
8) Diethyl Ether	2.10	74	27865	22.43	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41014	18.95	ug/l	96
10) Methyl Iodide	2.41	142	34539	22.15	ug/l	99
11) Tert butyl alcohol	2.82	59	61023	88.66	ug/l	99
12) 1,1-Dichloroethene	2.29	96	40279	20.41	ug/l	89
13) Acrolein	2.19	56	29206	80.80	ug/l	98
14) Allyl chloride	2.60	41	64374	17.56	ug/l	96
15) Acrylonitrile	2.93	53	141285	105.50	ug/l	98
16) Acetone	2.32	43	119764	78.76	ug/l	96
17) Carbon Disulfide	2.48	76	115373	18.25	ug/l	99
18) Methyl Acetate	2.62	43	75607	23.19	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	145473	19.61	ug/l	97
20) Methylene Chloride	2.70	84	48090	20.16	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	42422	19.51	ug/l	93
22) Diisopropyl ether	3.57	45	146771	20.20	ug/l	95
23) Vinyl Acetate	3.53	43	628410	96.56	ug/l	99
24) 1,1-Dichloroethane	3.45	63	82898	19.83	ug/l	99
25) 2-Butanone	4.26	43	197519	96.71	ug/l	94
26) 2,2-Dichloropropane	4.23	77	60476	15.24	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	49274	19.71	ug/l	97
28) Bromochloromethane	4.55	49	33655	18.28	ug/l	88
29) Tetrahydrofuran	4.63	42	126971	100.38	ug/l	97
30) Chloroform	4.68	83	84970	20.09	ug/l	99
31) Cyclohexane	5.00	56	75944	19.25	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	76271	19.50	ug/l	96
36) 1,1-Dichloropropene	5.14	75	59631	18.64	ug/l	96
37) Ethyl Acetate	4.38	43	74290	21.31	ug/l	98
38) Carbon Tetrachloride	5.14	117	67300	19.13	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	73384	18.38	ug/l	95
40) Benzene	5.39	78	183753	20.16	ug/l	99
41) Methacrylonitrile	4.54	41	40718	21.66	ug/l	97
42) 1,2-Dichloroethane	5.41	62	69246	19.95	ug/l	100
43) Isopropyl Acetate	5.55	43	118956	19.74	ug/l	99
44) Trichloroethene	6.19	130	50082	19.31	ug/l	92
45) 1,2-Dichloropropane	6.44	63	50002	20.56	ug/l	96
46) Dibromomethane	6.56	93	35052	20.52	ug/l	95
47) Bromodichloromethane	6.76	83	65560	19.27	ug/l	98
48) Methyl methacrylate	6.63	41	59437	20.25	ug/l	98
49) 1,4-Dioxane	6.61	88	24825	432.56	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	391475	103.39	ug/l	98
52) Toluene	7.64	92	116968	19.95	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	69247	18.13	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	75070	18.44	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	47559	19.95	ug/l	98
56) Ethyl methacrylate	8.02	69	80731	20.23	ug/l	99
57) 1,3-Dichloropropane	8.25	76	82664	20.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	140184	91.71	ug/l	95
59) 2-Hexanone	8.36	43	307805	99.58	ug/l	99
60) Dibromochloromethane	8.48	129	54653	18.39	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52751	19.88	ug/l	96
64) Tetrachloroethene	8.23	164	46090	19.17	ug/l	99
65) Chlorobenzene	9.12	112	133389	20.65	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	49965	20.36	ug/l	97
67) Ethyl Benzene	9.25	91	226722	20.02	ug/l	97
68) m/p-Xylenes	9.38	106	175633	40.38	ug/l	97
69) o-Xylene	9.78	106	88372	20.53	ug/l	96
70) Styrene	9.80	104	141133	19.95	ug/l	99
71) Bromoform	9.96	173	43311	18.56	ug/l #	99
73) Isopropylbenzene	10.17	105	237042	21.04	ug/l	100
74) N-amyl acetate	10.01	43	109153	20.37	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	82663	21.90	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	71720m	22.20	ug/l	
77) Bromobenzene	10.45	156	61285	21.49	ug/l	95
78) n-propylbenzene	10.59	91	264555	19.93	ug/l	98
79) 2-Chlorotoluene	10.66	91	160227	20.47	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	202855	20.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	22811m	16.34	ug/l	
82) 4-Chlorotoluene	10.78	91	183014	20.09	ug/l	100
83) tert-Butylbenzene	11.10	119	198977	21.18	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	202353	20.33	ug/l	98
85) sec-Butylbenzene	11.33	105	241277	20.52	ug/l	98
86) p-Isopropyltoluene	11.48	119	209100	19.86	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	107168	20.34	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	107350	20.24	ug/l	100
89) n-Butylbenzene	11.89	91	168308	18.00	ug/l	97
90) Hexachloroethane	12.15	117	39006	18.99	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	113810	21.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21104	20.26	ug/l	92

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	71275	21.87	ug/l	99
94) Hexachlorobutadiene	13.70	225	36069	19.66	ug/l	97
95) Naphthalene	13.74	128	247399	23.30	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76461	23.54	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion:168 Resp: 173354

Ion Ratio Lower Upper

168 100

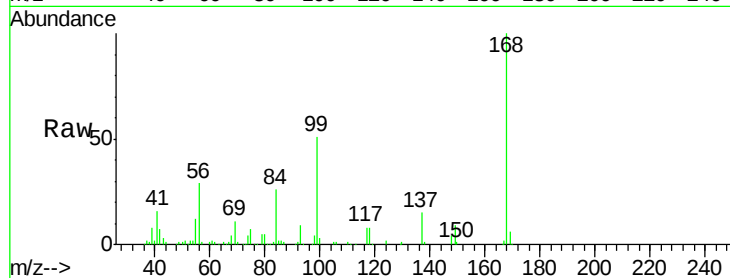
99 51.2 43.2 64.8

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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) (-)

80000

60000

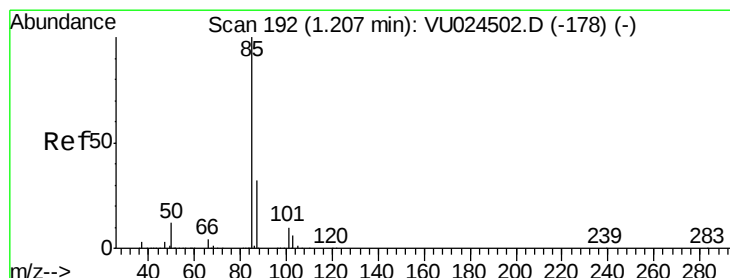
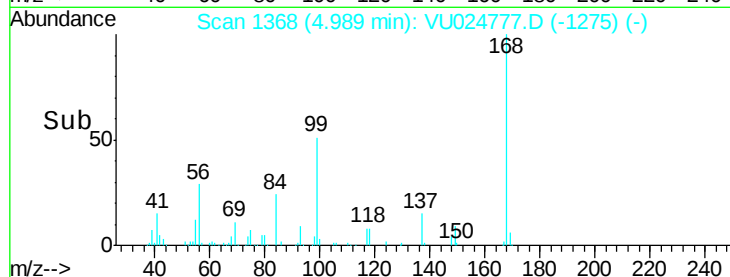
40000

20000

0

4.90 4.99 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.58 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024777.D

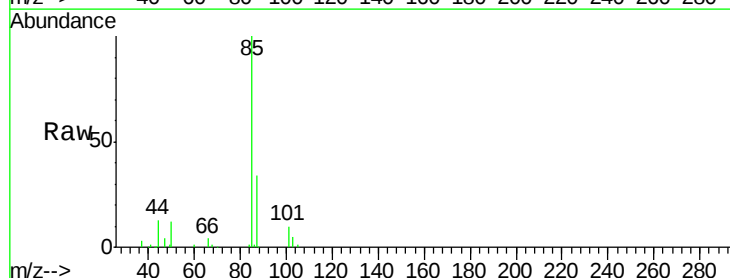
Acq: 21 Jun 2018 00:00

Tgt Ion: 85 Resp: 40312

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) (-)

40000

30000

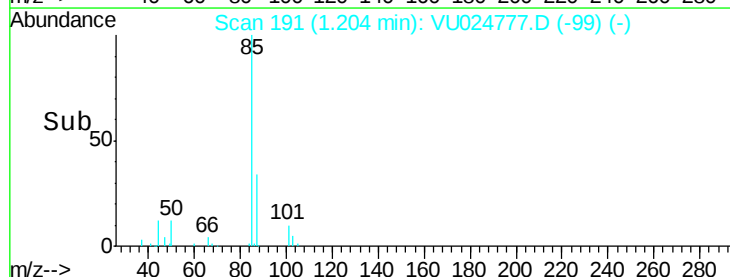
20000

10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.08 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 50 Resp: 44510

Ion Ratio Lower Upper

50 100

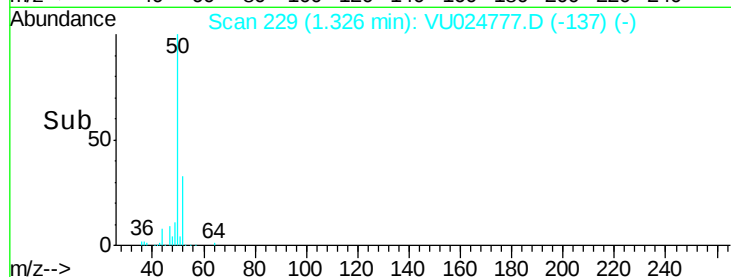
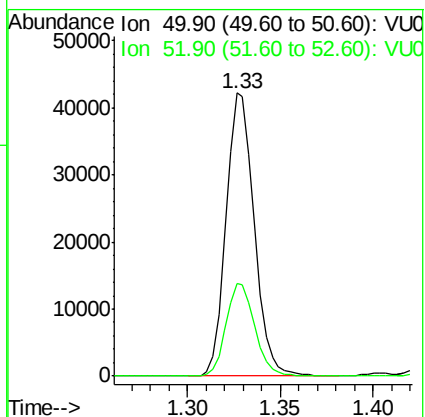
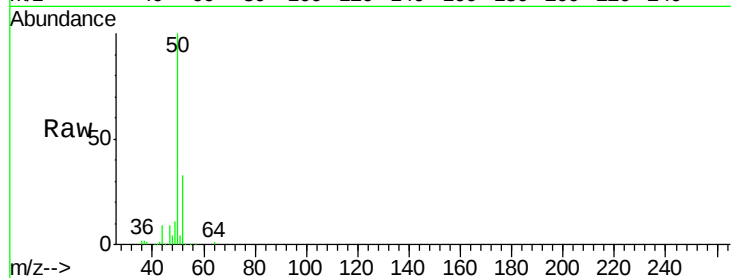
52 32.9 26.4 39.6

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#4

Vinyl Chloride

Concen: 20.64 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024777.D

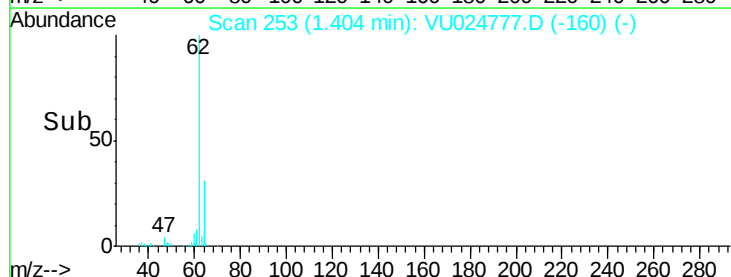
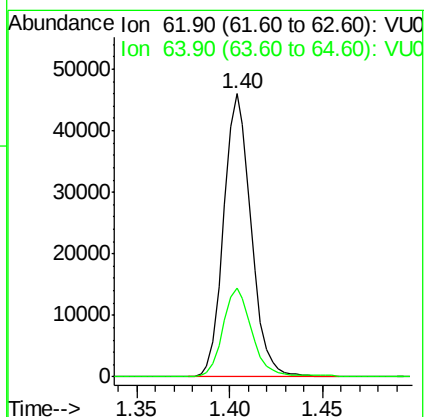
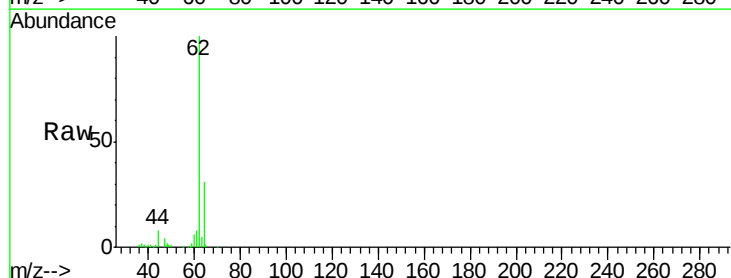
Acq: 21 Jun 2018 00:00

Tgt Ion: 62 Resp: 47181

Ion Ratio Lower Upper

62 100

64 31.2 24.8 37.2





#5

Bromomethane

Concen: 26.72 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 94 Resp: 29526

Ion Ratio Lower Upper

94 100

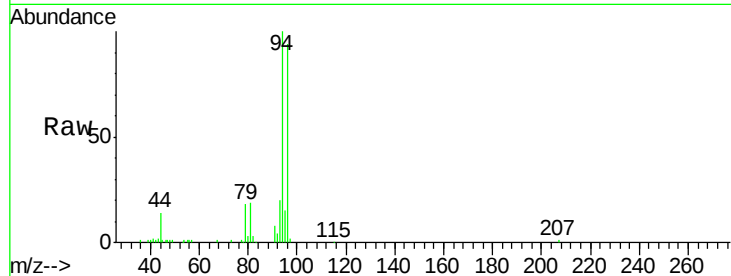
96 93.7 74.5 111.7

Manual Integrations

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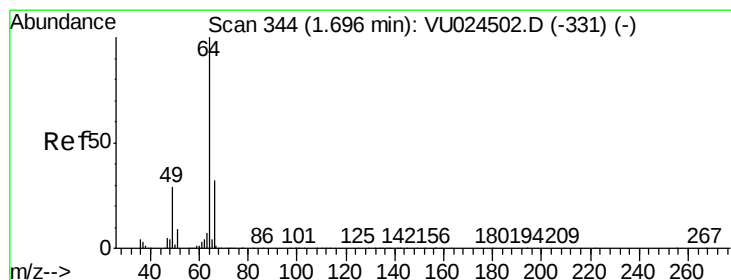
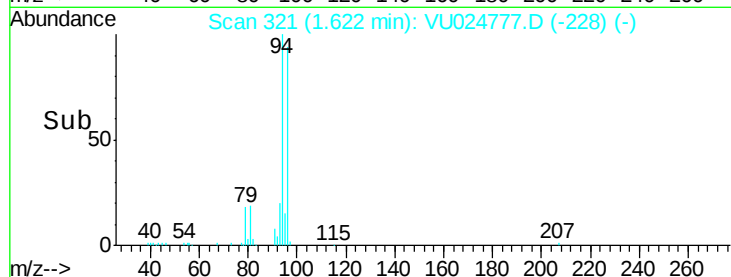
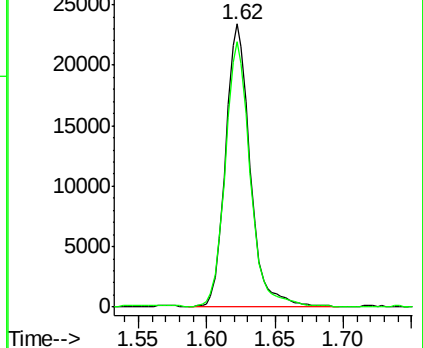
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 23.07 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024777.D

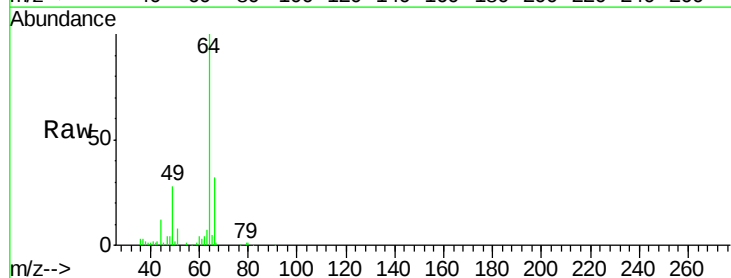
Acq: 21 Jun 2018 00:00

Tgt Ion: 64 Resp: 30200

Ion Ratio Lower Upper

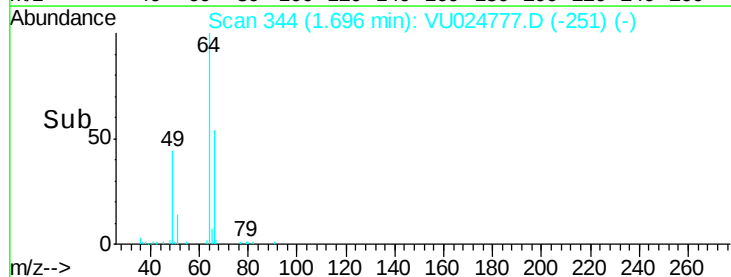
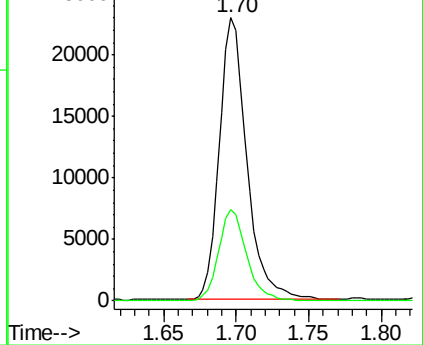
64 100

66 32.4 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: 20.59 ug/l

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion:101 Resp: 71836

Ion Ratio Lower Upper

101 100

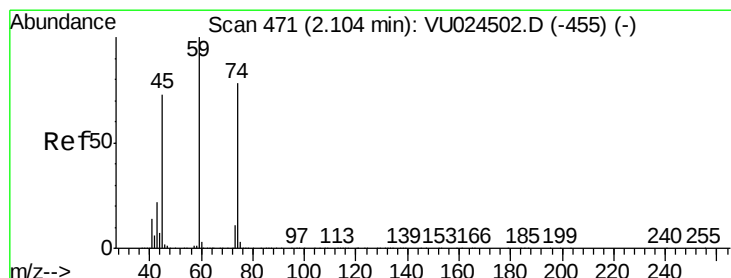
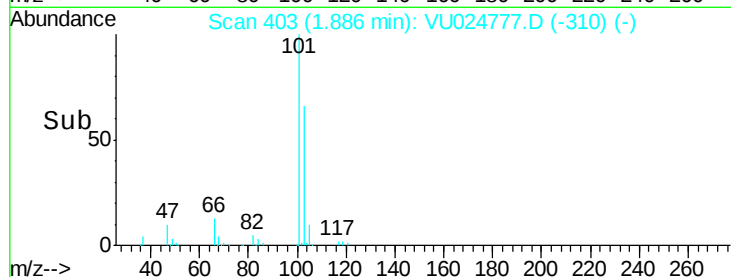
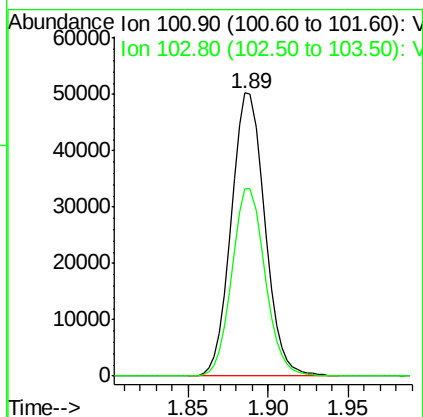
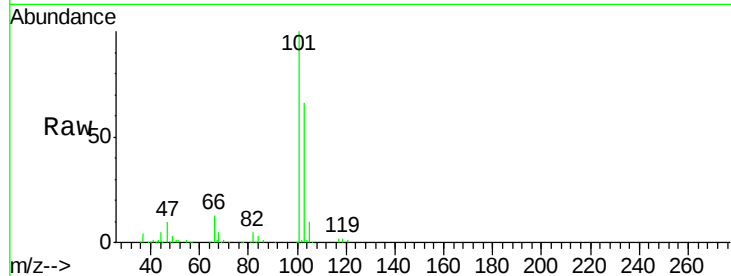
103 66.4 52.3 78.5

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#8

Diethyl Ether

Concen: 22.43 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024777.D

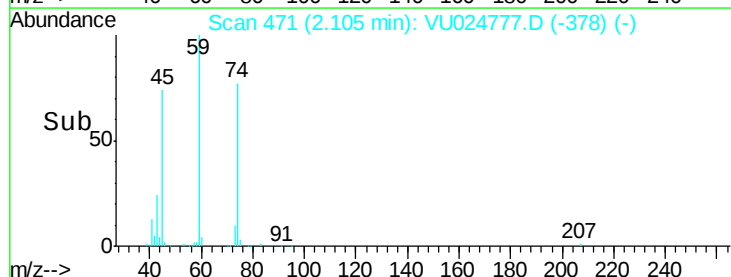
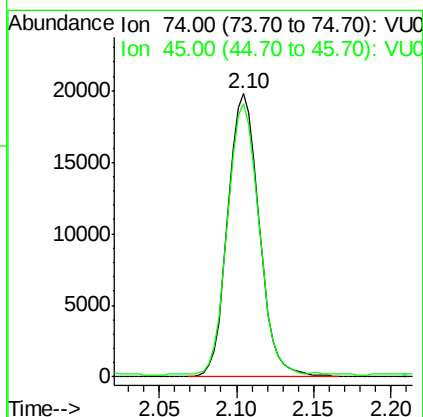
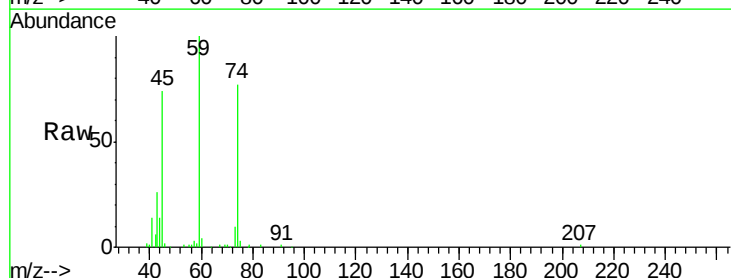
Acq: 21 Jun 2018 00:00

Tgt Ion: 74 Resp: 27865

Ion Ratio Lower Upper

74 100

45 96.7 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.95 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

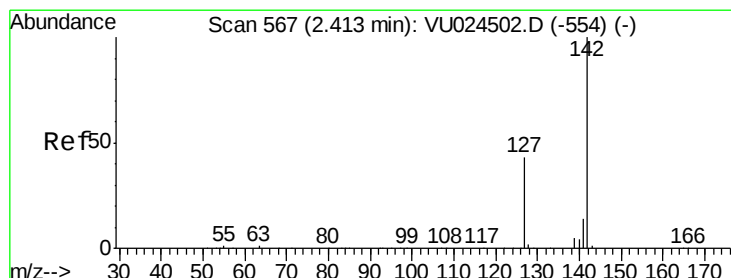
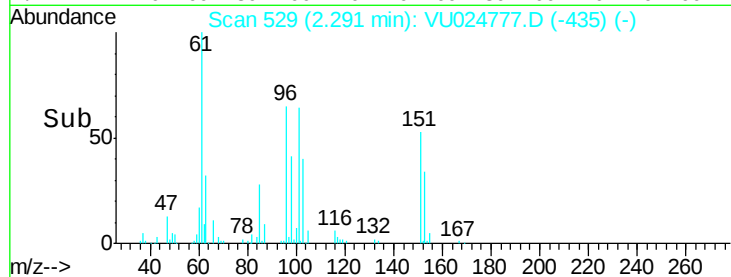
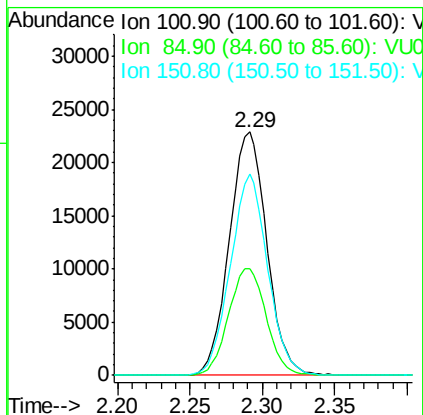
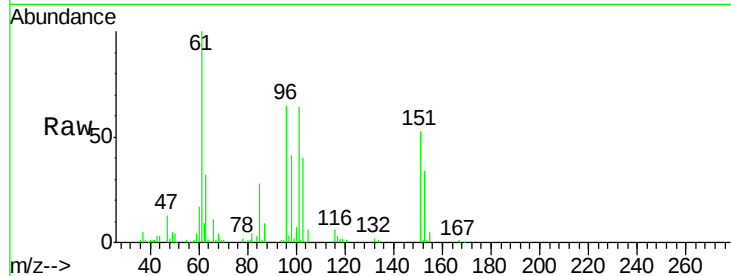
ClientSampleId :

VU0620WBS02

Tot Ion:	101	Resp:	41014
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	82.3	62.3	93.5

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#10

Methyl Iodide

Concen: 22.15 ug/l

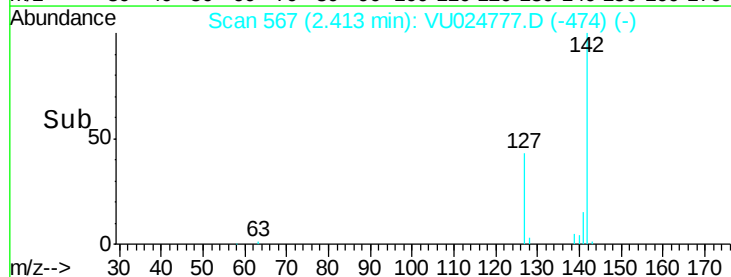
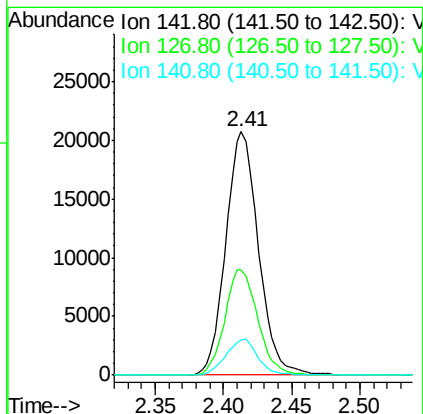
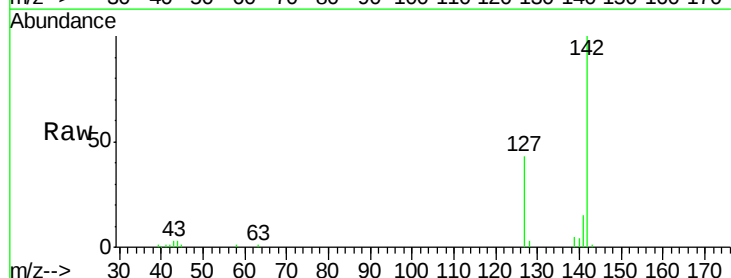
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion:	142	Resp:	34539
Ion Ratio	Lower	Upper	
142	100		
127	43.4	35.6	53.4
141	14.4	11.7	17.5





#11

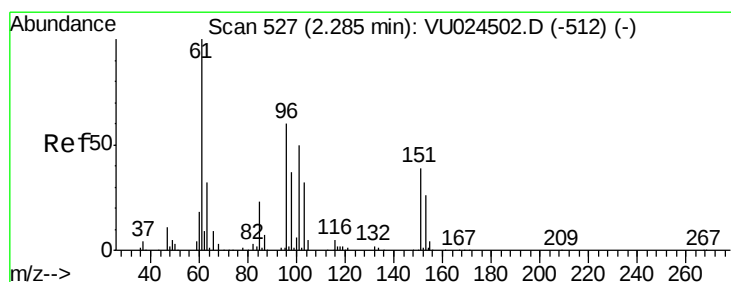
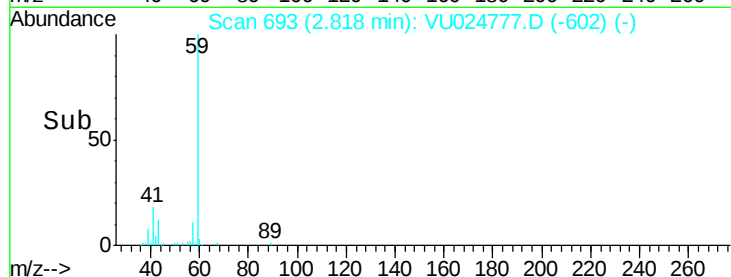
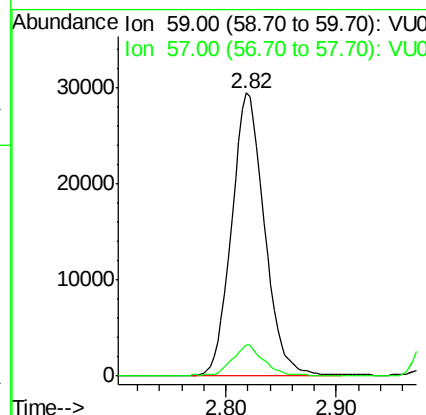
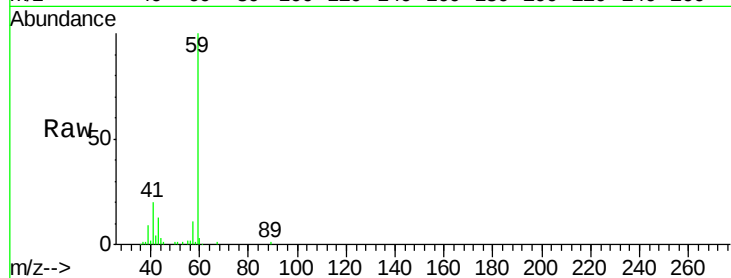
Tert butyl alcohol
 Concen: 88.66 ug/l
 RT: 2.82 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.5	12.7

Manual Integrations
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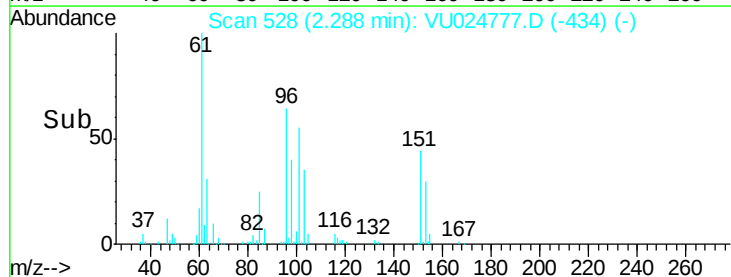
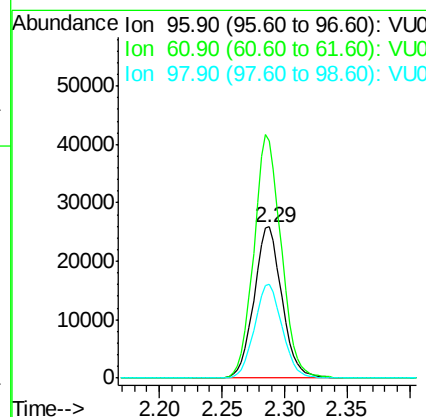
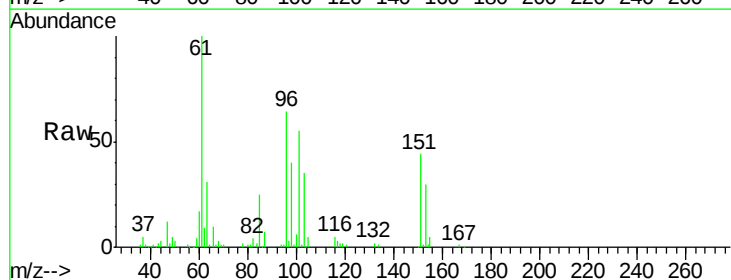
apatel
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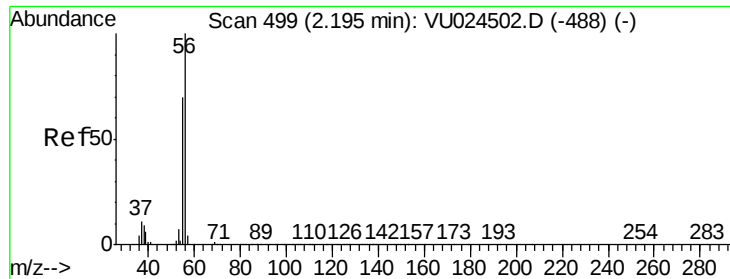


#12

1,1-Dichloroethene
 Concen: 20.41 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	141.7	212.5
98	62.6	51.6	77.4





#13

Acrolein

Concen: 80.80 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 56 Resp: 29206

Ion Ratio Lower Upper

56 100

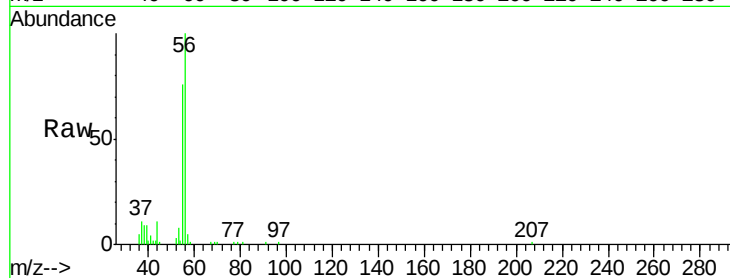
55 74.3 58.4 87.6

Manual Integrations

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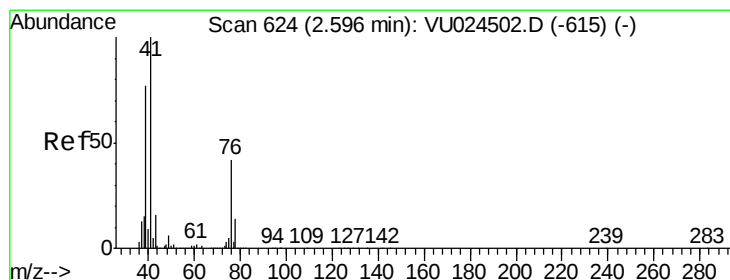
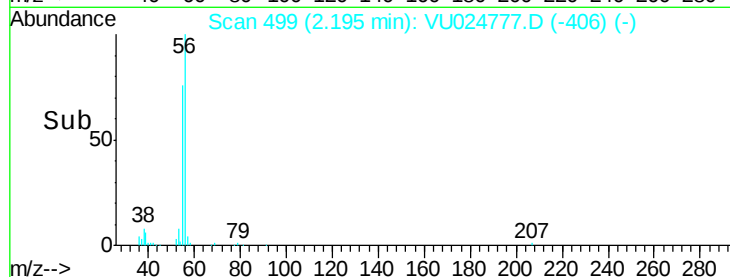
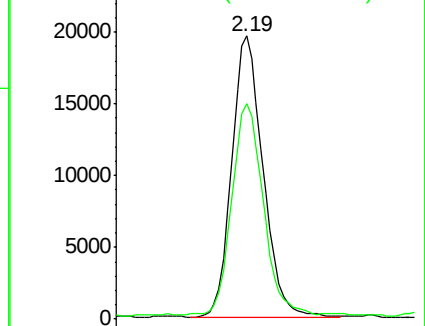
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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 17.56 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

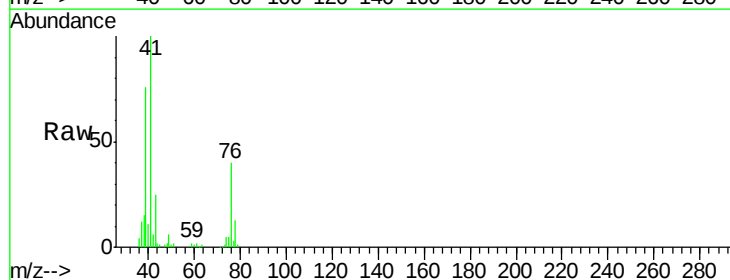
Tgt Ion: 41 Resp: 64374

Ion Ratio Lower Upper

41 100

39 73.8 61.6 92.4

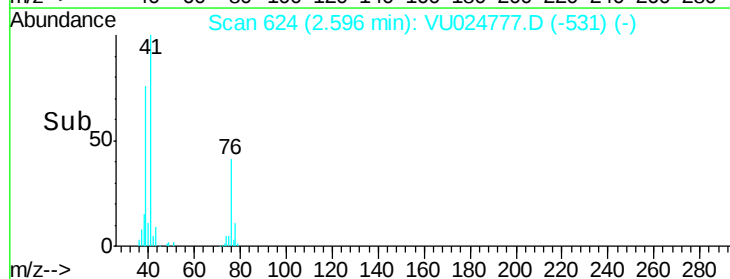
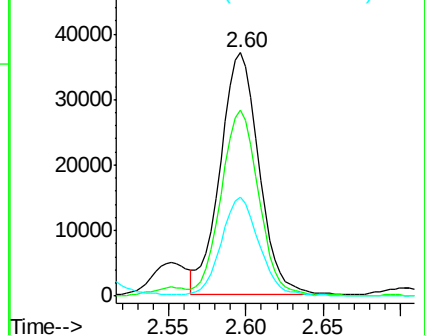
76 40.1 29.7 44.5



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





#15

Acrylonitrile

Concen: 105.50 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

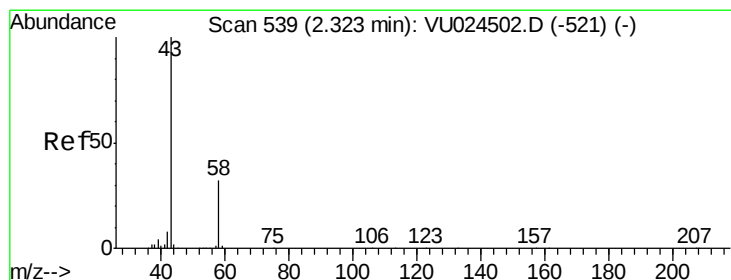
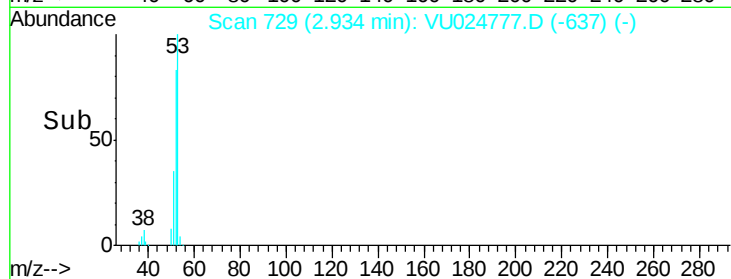
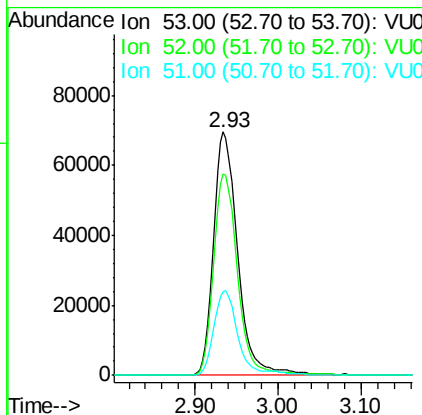
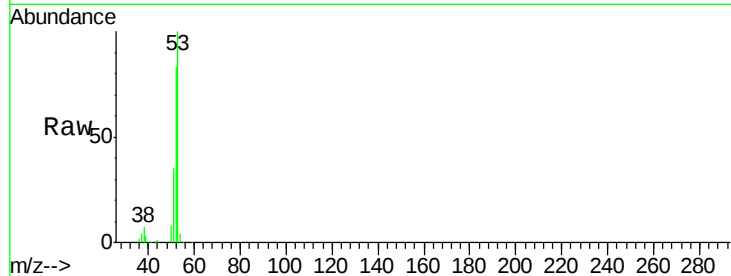
ClientSampleId :

VU0620WBS02

Tot Ion:	53	Resp:	141285
Ion	Ratio	Lower	Upper
53	100		
52	81.3	67.1	100.7
51	34.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 78.76 ug/l

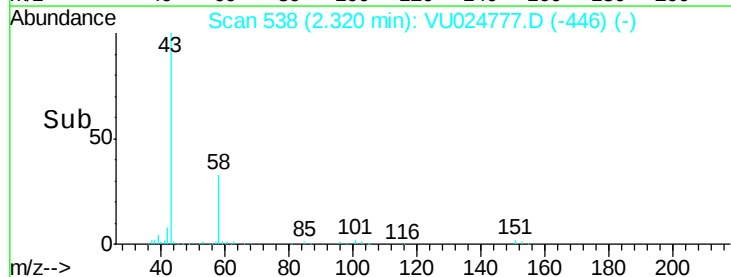
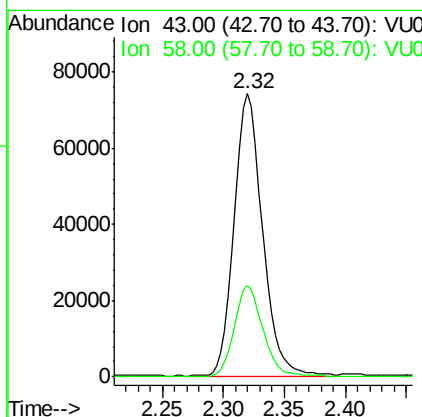
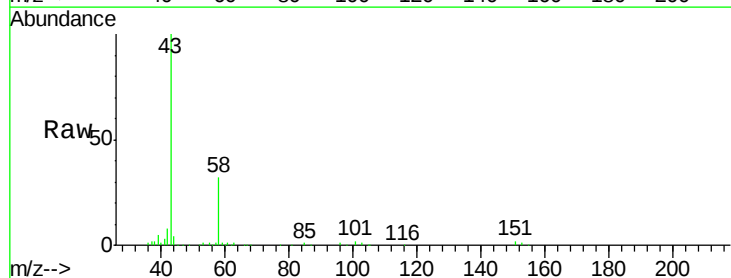
RT: 2.32 min Scan# 538

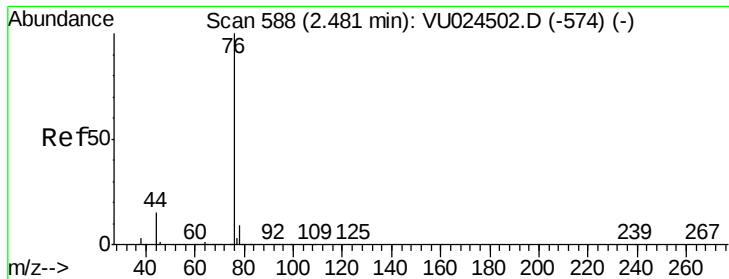
Delta R.T. -0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion:	43	Resp:	119764
Ion	Ratio	Lower	Upper
43	100		
58	32.6	24.4	36.6





#17

Carbon Disulfide

Concen: 18.25 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 76 Resp: 115373

Ion Ratio Lower Upper

76 100

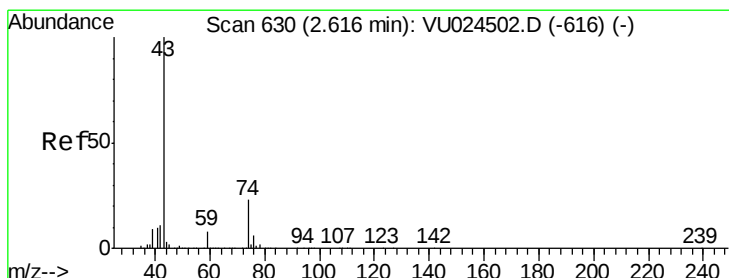
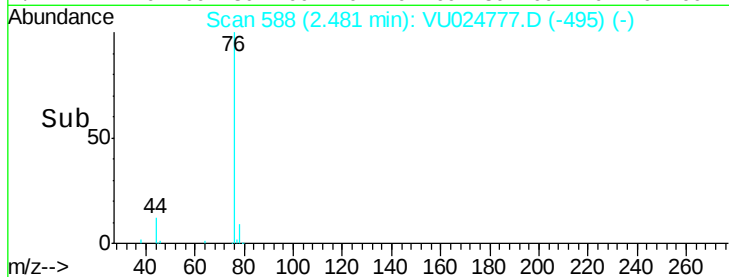
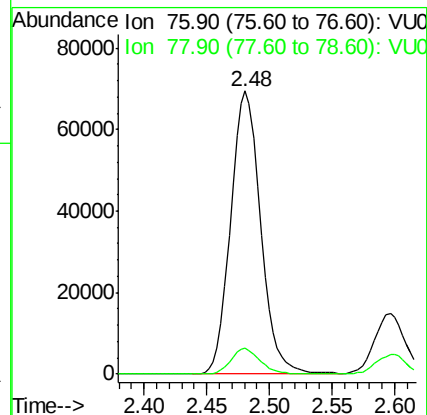
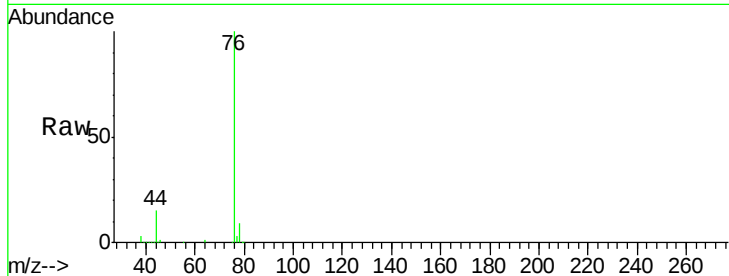
78 9.1 7.1 10.7

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#18

Methyl Acetate

Concen: 23.19 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024777.D

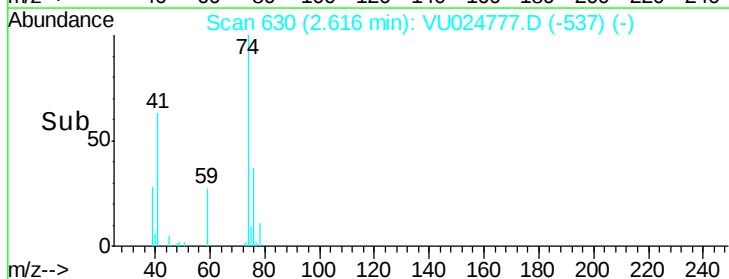
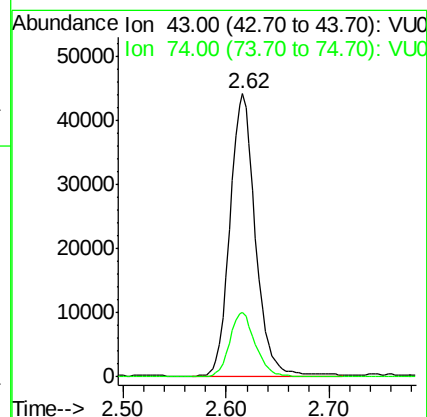
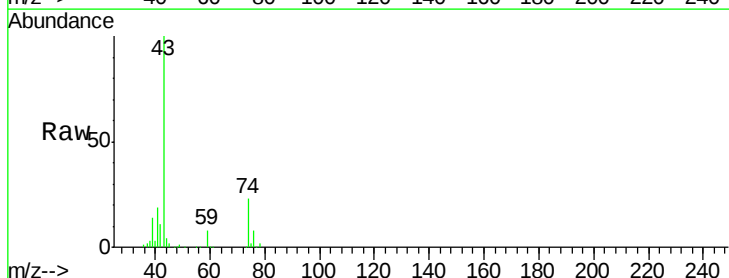
Acq: 21 Jun 2018 00:00

Tgt Ion: 43 Resp: 75607

Ion Ratio Lower Upper

43 100

74 23.0 18.0 27.0





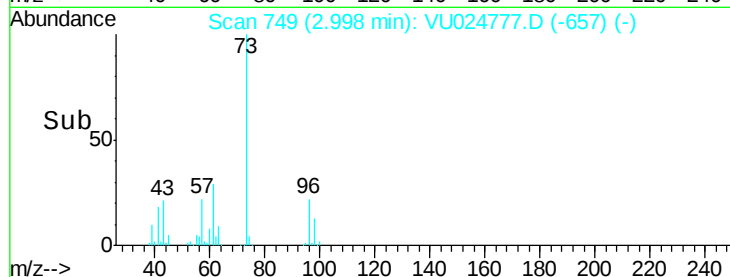
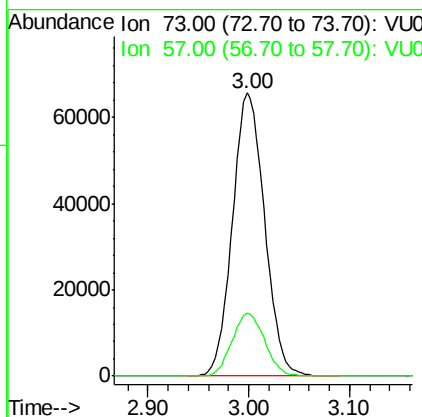
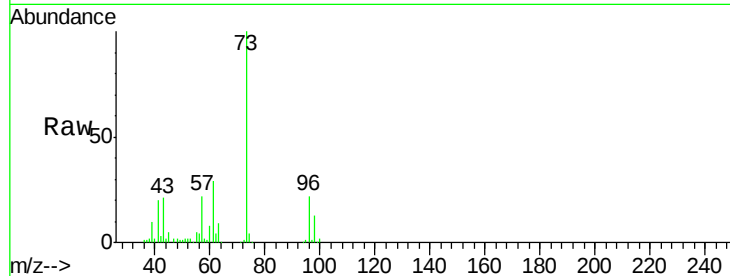
#19
Methvl tert-butvl Ether
Concen: 19.61 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.8	28.2

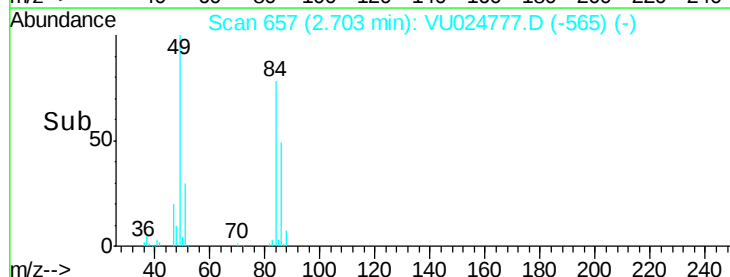
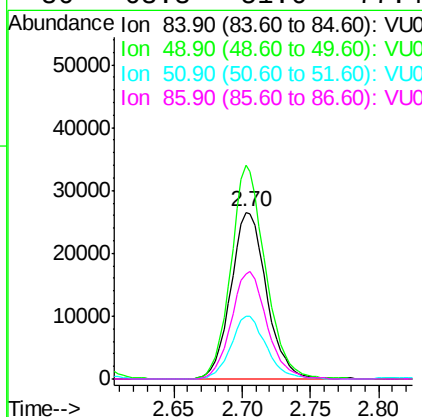
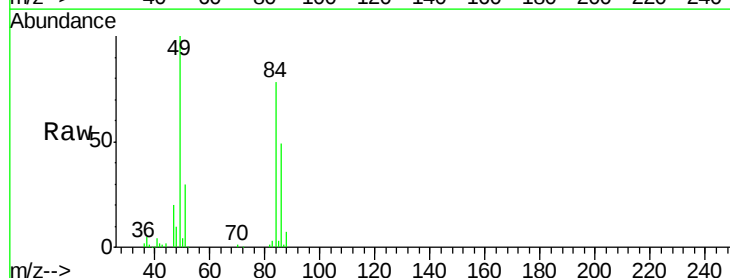
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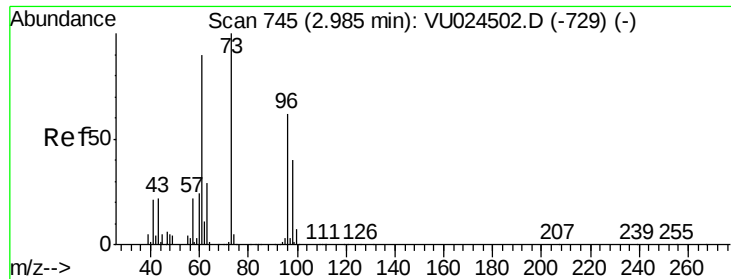
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#20
Methylene Chloride
Concen: 20.16 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.3	103.8	155.8
51	38.0	32.0	48.0
86	63.3	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.51 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

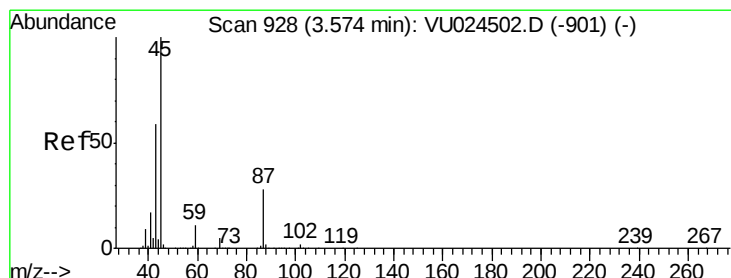
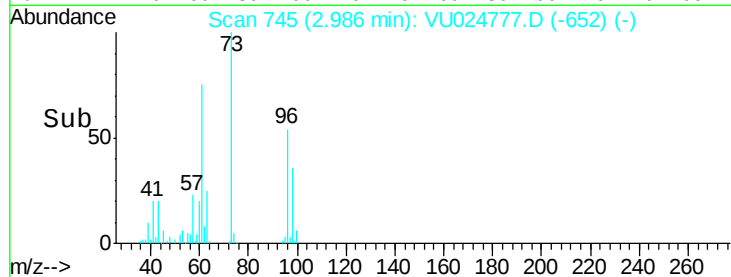
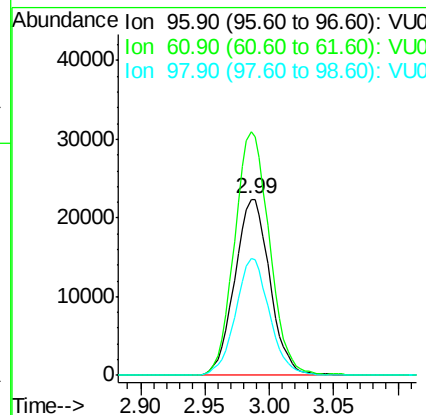
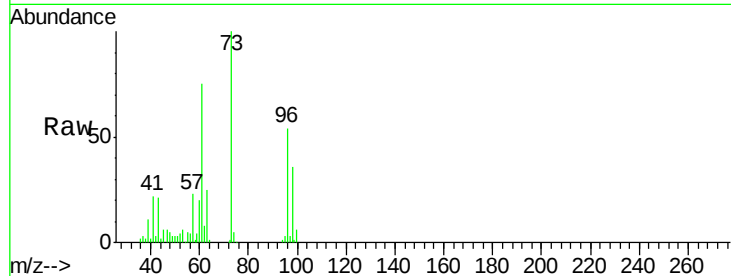
ClientSampleId :

VU0620WBS02

Tot Ion:	96	Resp:	42422
Ion	Ratio	Lower	Upper
96	100		
61	138.1	119.4	179.0
98	66.5	51.1	76.7

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#22

Diisopropyl ether

Concen: 20.20 ug/l

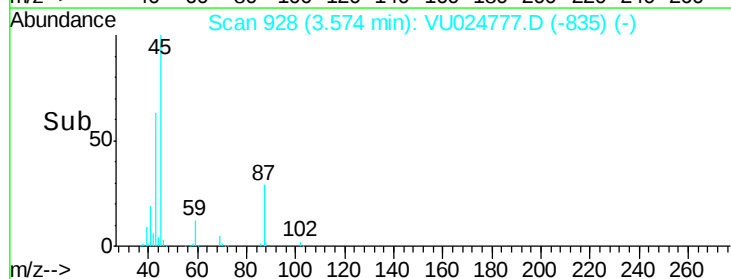
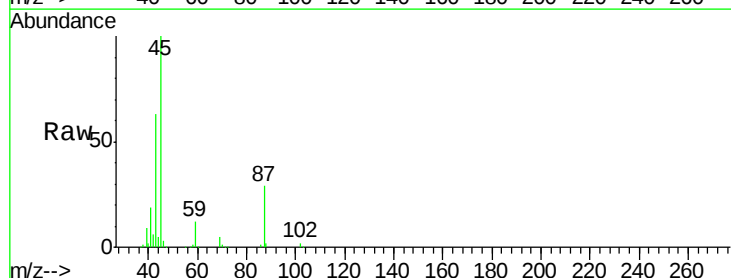
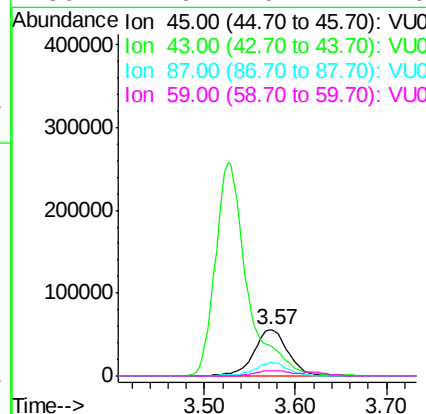
RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion:	45	Resp:	146771
Ion	Ratio	Lower	Upper
45	100		
43	60.7	45.8	68.6
87	29.4	20.6	31.0
59	11.9	9.4	14.0





#23

Vinyl Acetate

Concen: 96.56 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 43 Resp: 628410

Ion Ratio Lower Upper

43 100

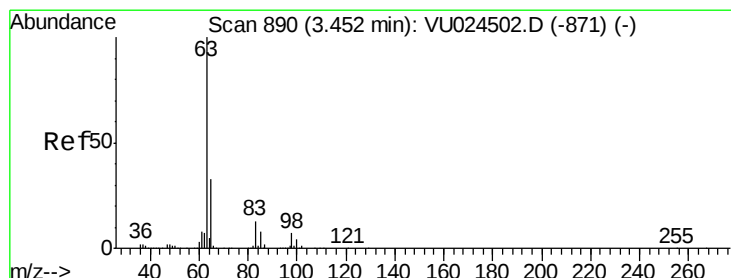
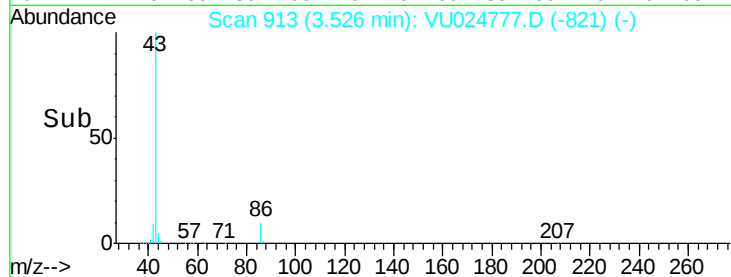
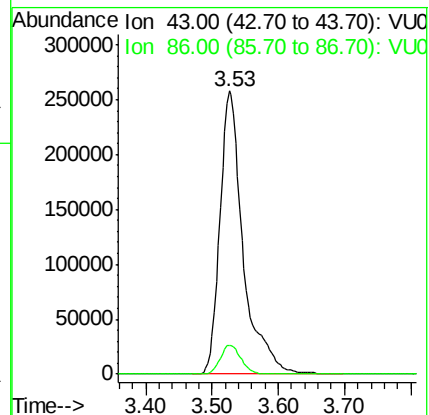
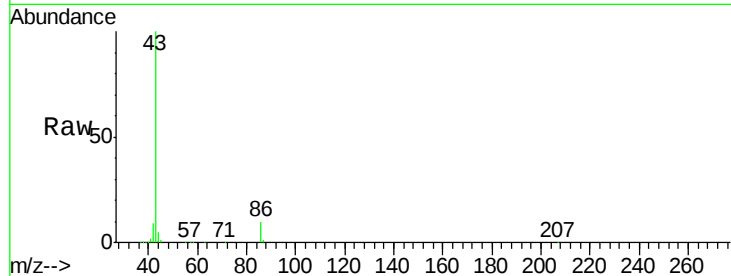
86 10.2 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 19.83 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

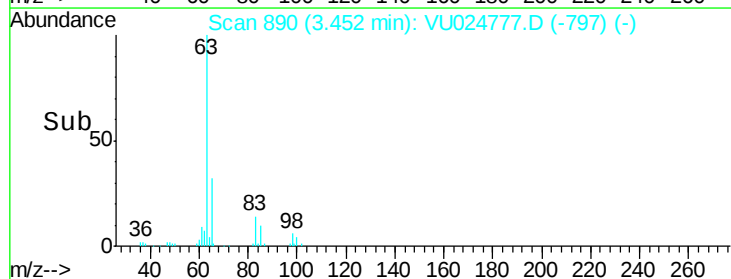
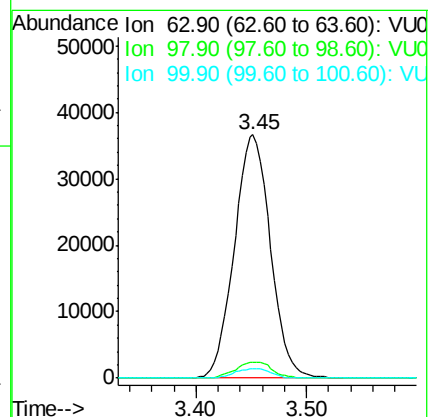
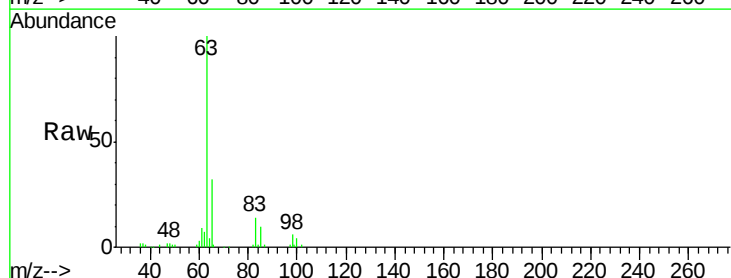
Tgt Ion: 63 Resp: 82898

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 3.9 1.8 5.5





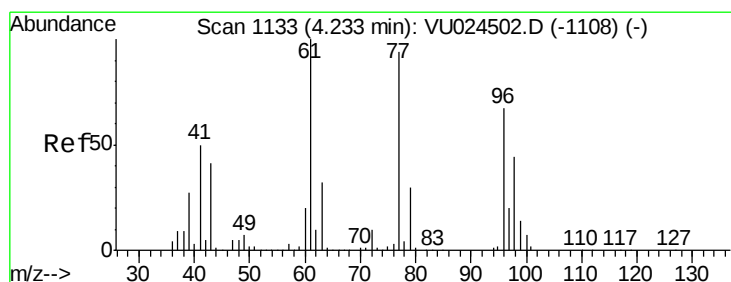
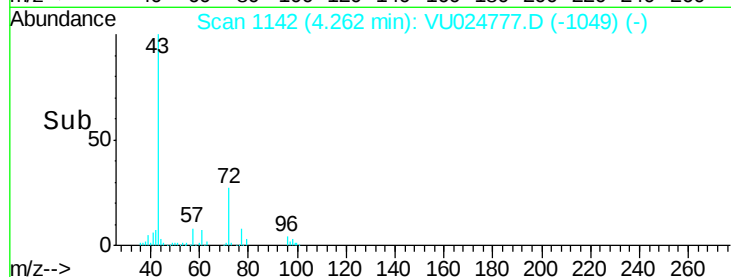
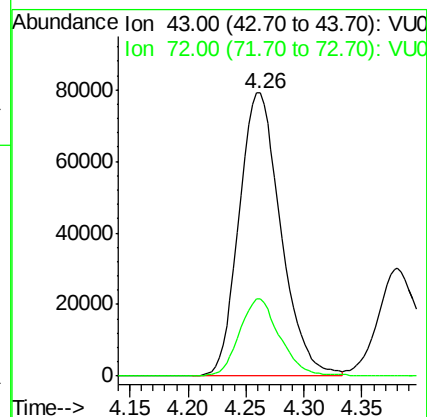
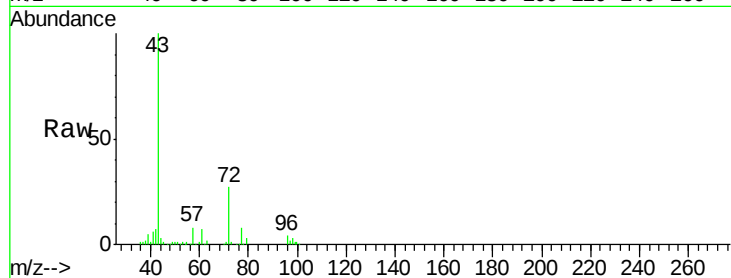
#25
2-Butanone
Concen: 96.71 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
72	27.5	19.6	29.4

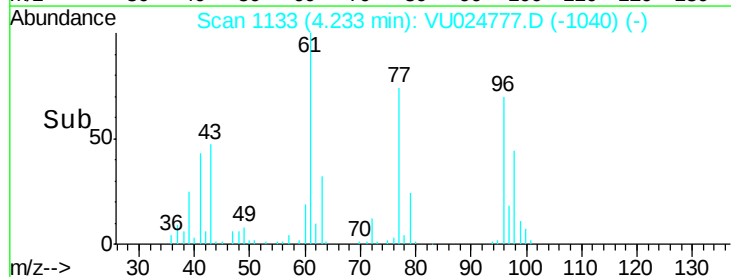
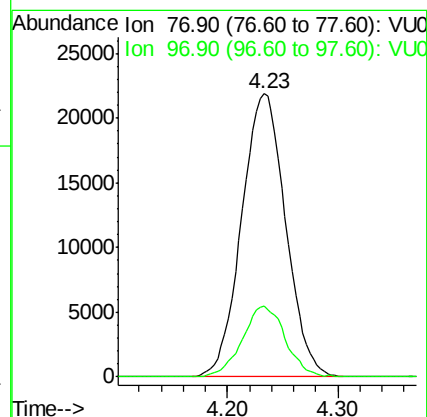
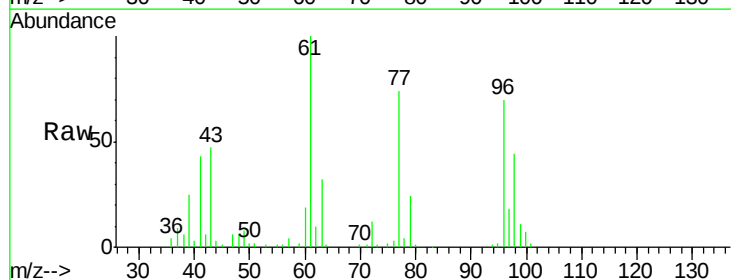
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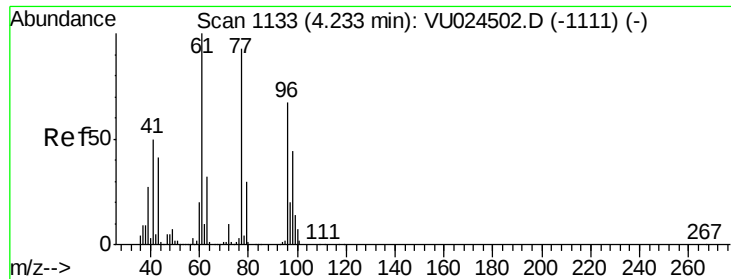
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#26
2,2-Dichloropropane
Concen: 15.24 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.2	11.3	33.8





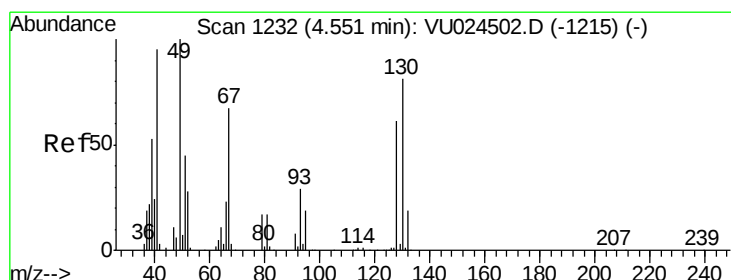
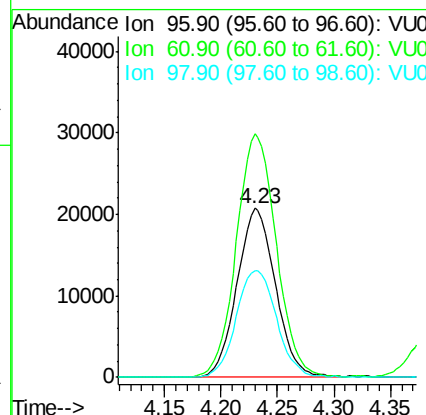
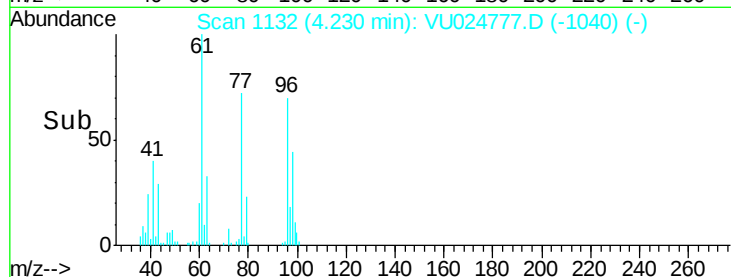
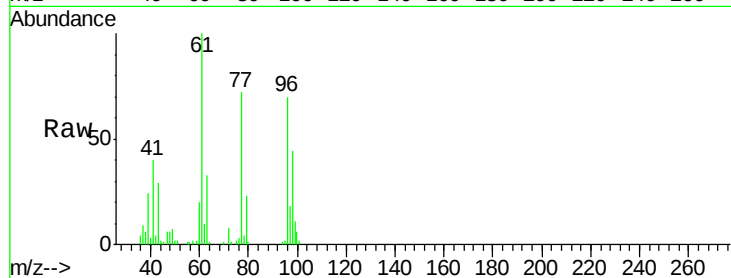
#27
 cis-1,2-Dichloroethene
 Concen: 19.71 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	306.6
98	66.0	0.0	128.8

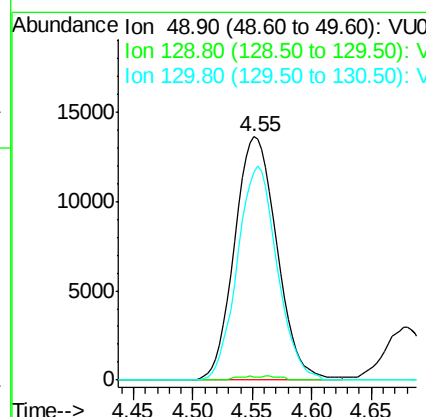
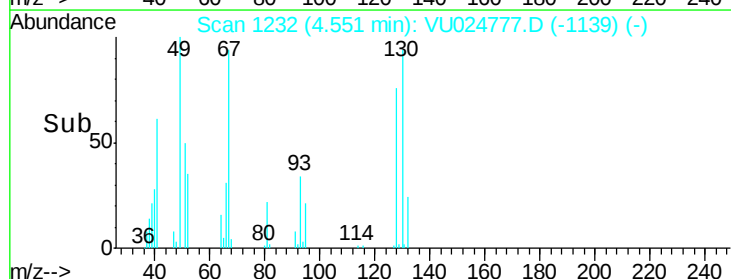
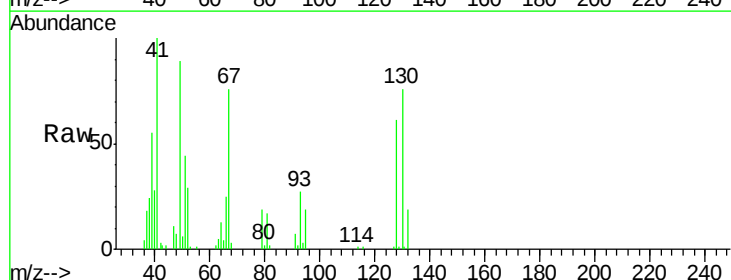
Manual Integrations
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#28
 Bromochloromethane
 Concen: 18.28 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.8
130	82.2	57.8	86.6





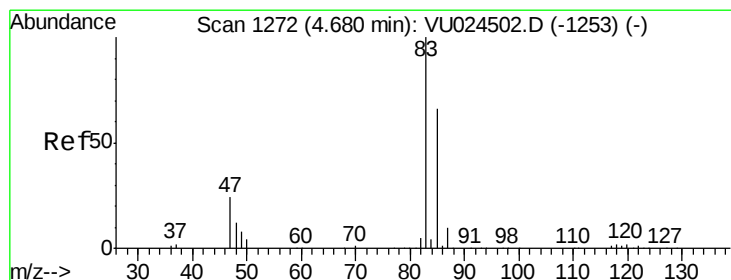
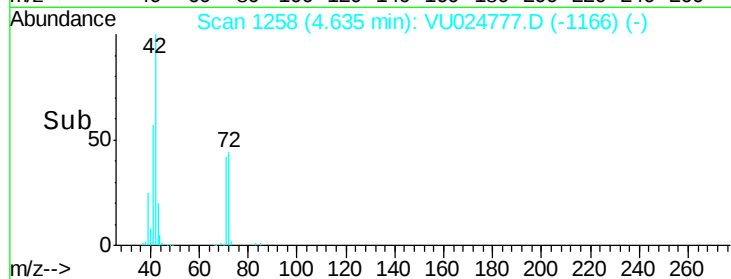
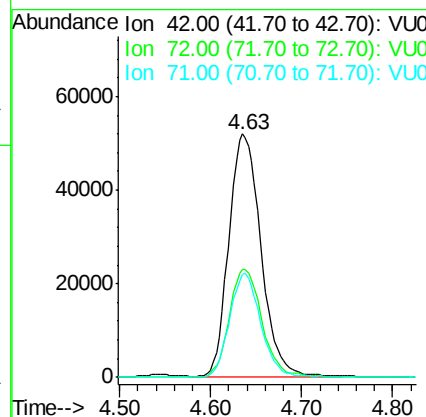
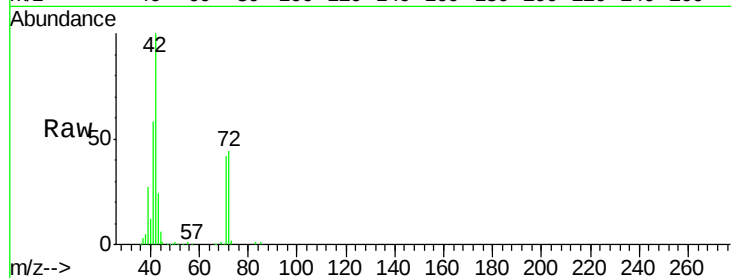
#29
Tetrahydrofuran
Concen: 100.38 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.5	51.7
71	41.6	32.2	48.4

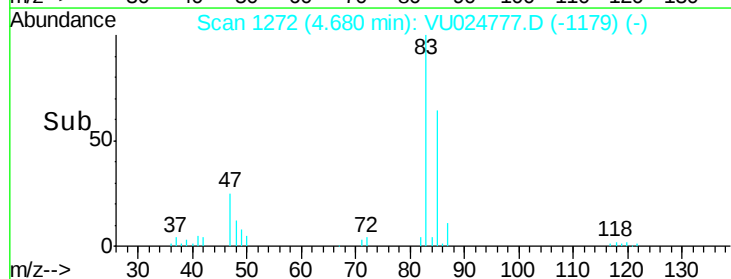
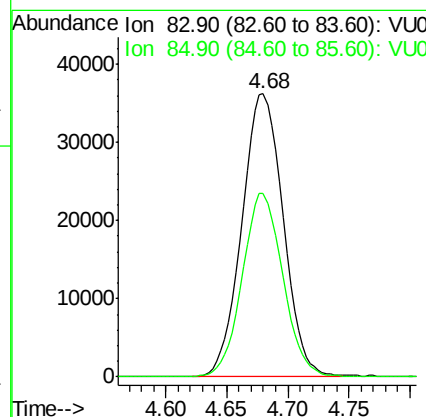
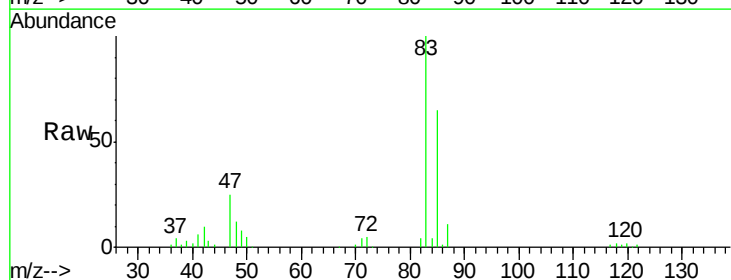
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#30
Chloroform
Concen: 20.09 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.4	78.6





#31

Cyclohexane

Concen: 19.25 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

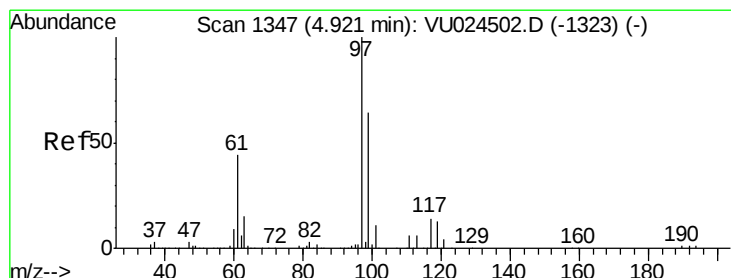
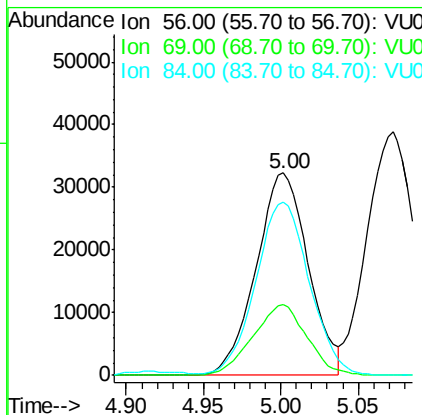
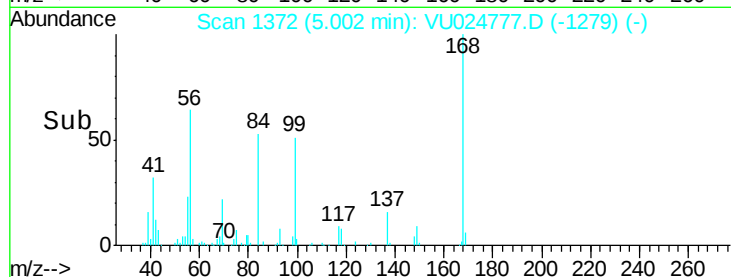
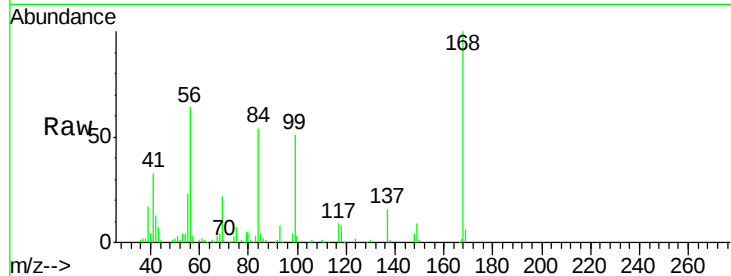
ClientSampleId :

VU0620WBS02

Tot Ion:	56	Resp:	75944
Ion	Ratio	Lower	Upper
56	100		
69	34.9	24.8	37.2
84	84.6	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 19.50 ug/l

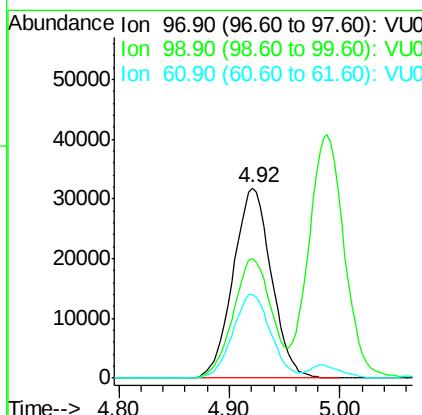
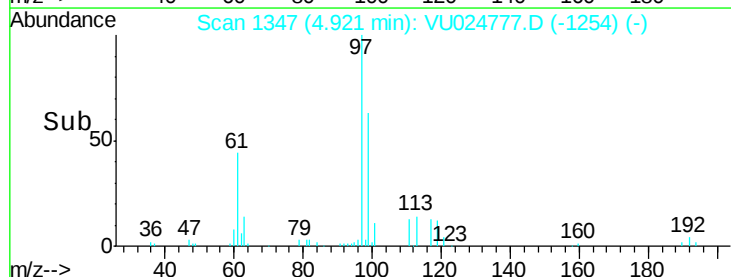
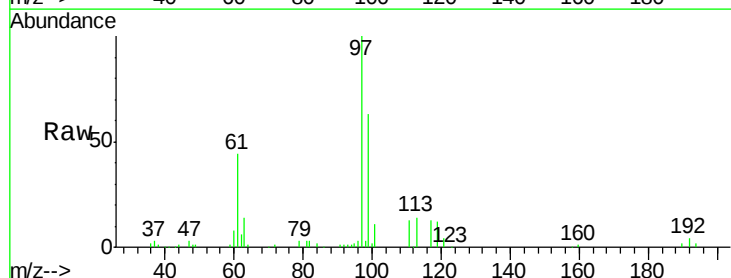
RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion:	97	Resp:	76271
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.6
61	43.6	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 42.99 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 65 Resp: 121663

Ion Ratio Lower Upper

65 100

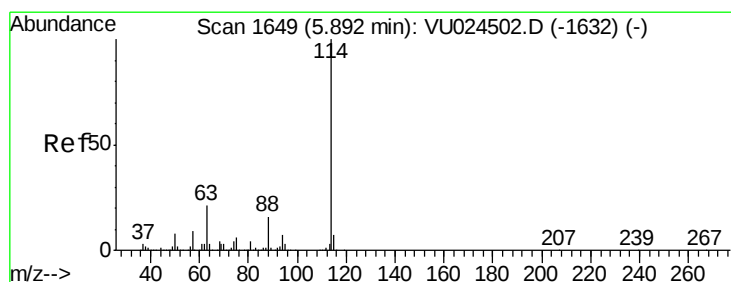
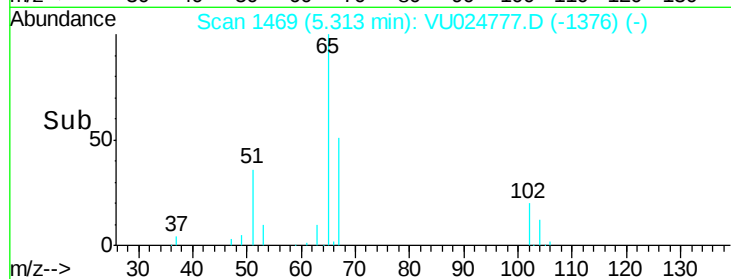
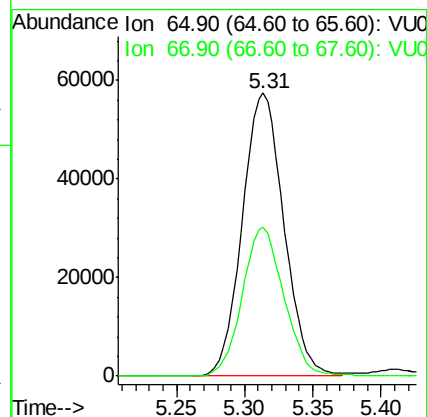
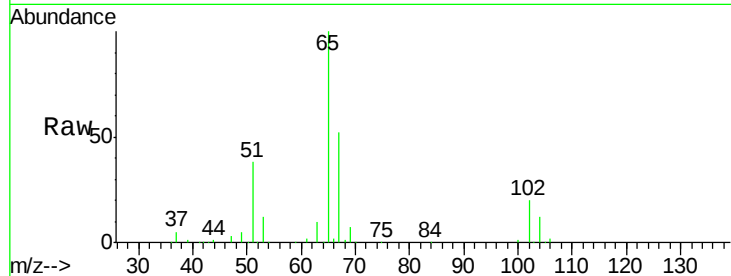
67 52.5 0.0 107.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

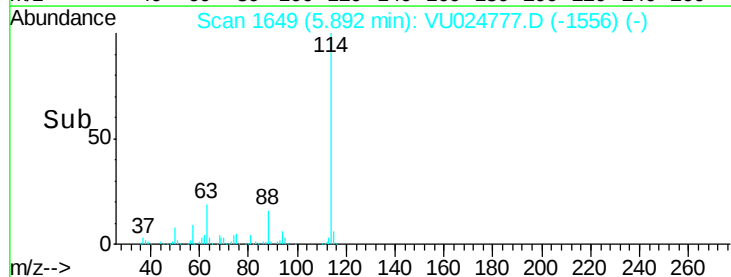
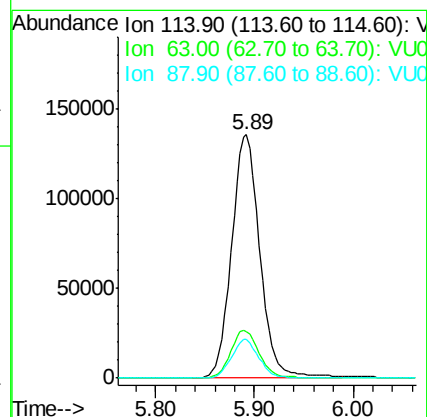
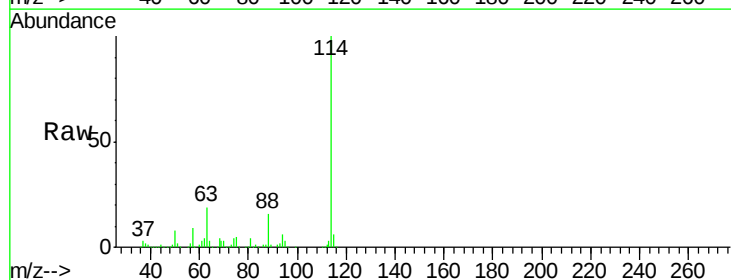
Tgt Ion: 114 Resp: 272228

Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.4

88 15.8 0.0 31.0





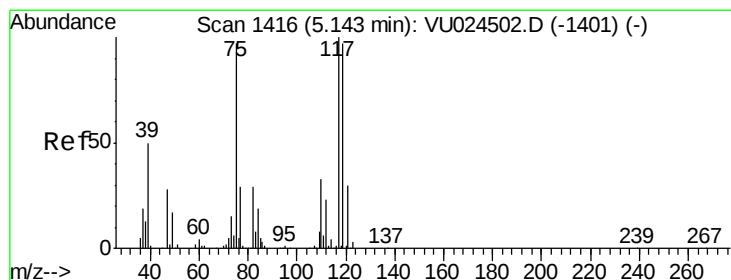
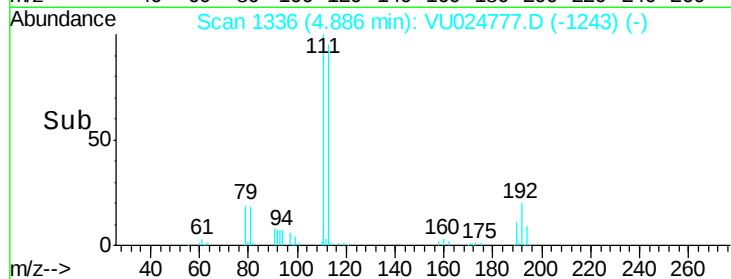
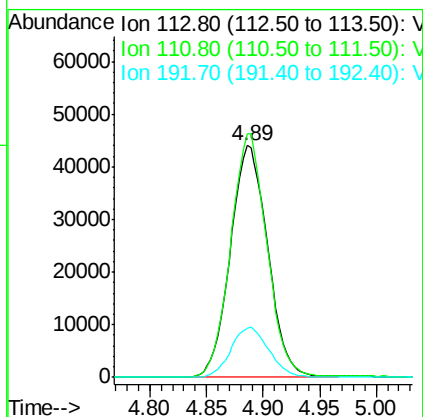
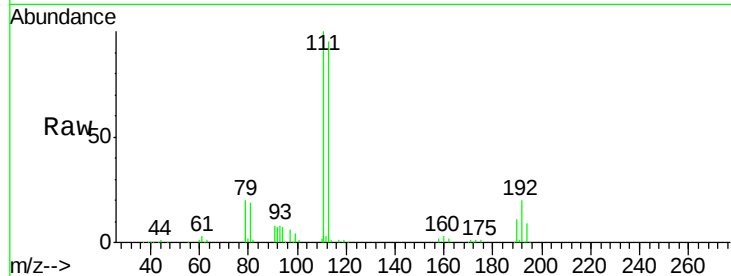
#35
 Dibromofluoromethane
 Concen: 44.90 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101446		
111	101.9	82.2	123.4	
192	21.8	16.2	24.4	

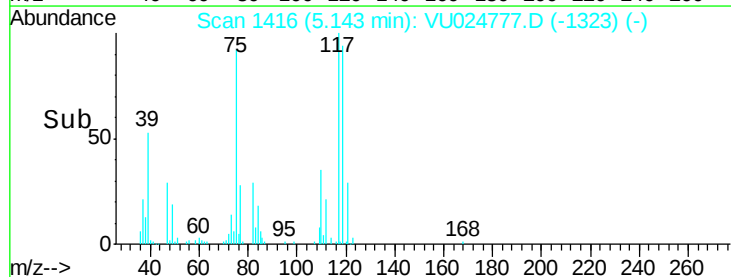
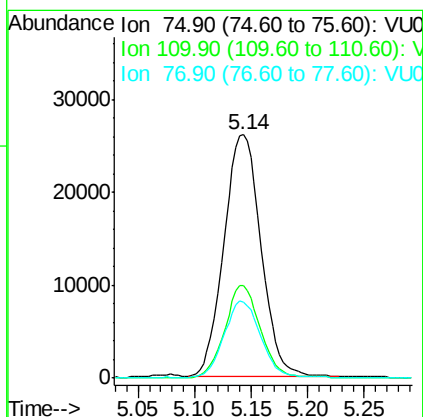
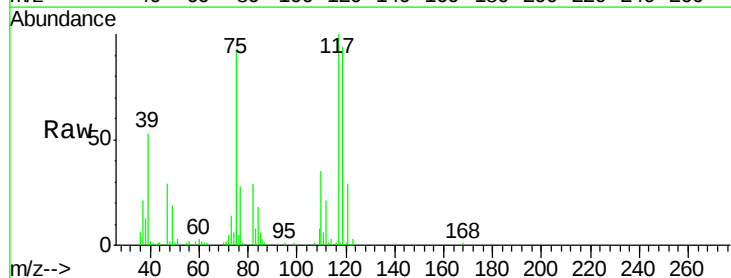
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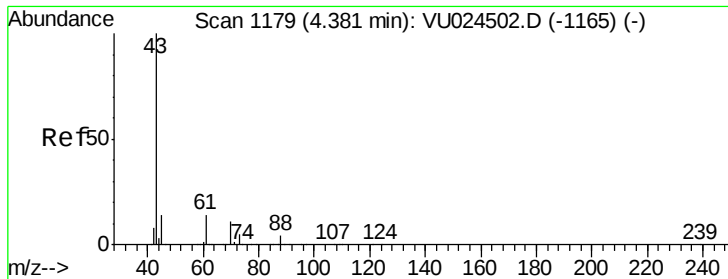
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#36
 1,1-Dichloropropene
 Concen: 18.64 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59631		
110	36.5	17.0	50.9	
77	31.7	24.2	36.4	





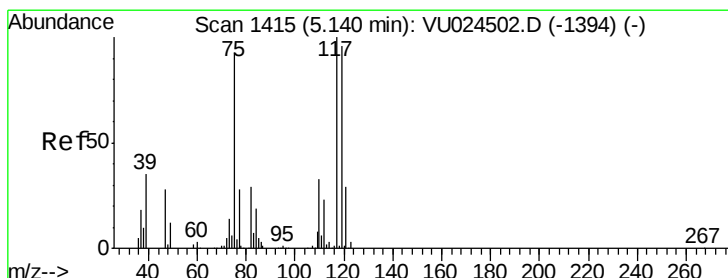
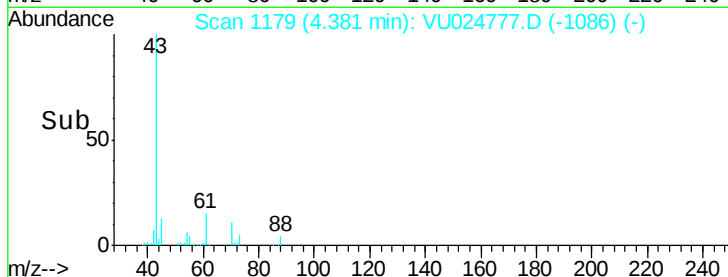
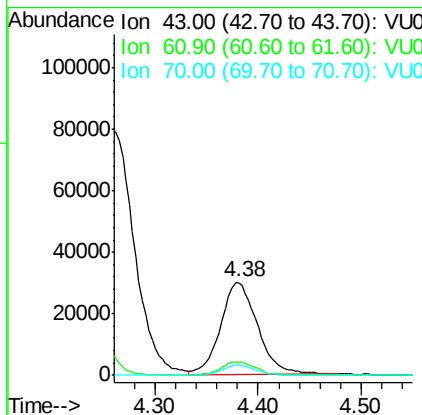
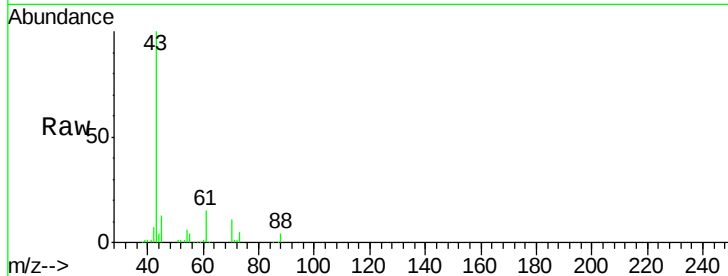
#37
Ethyl Acetate
Concen: 21.31 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampled :
VU0620WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.5	15.7
70	10.3	7.4	11.2

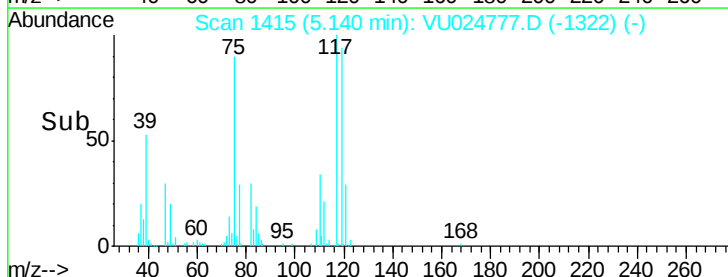
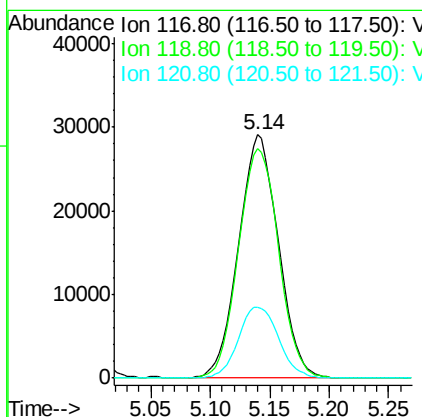
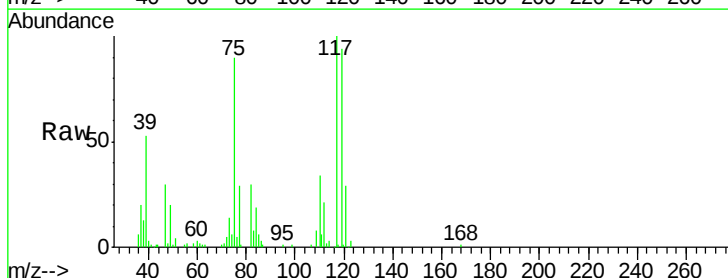
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#38
Carbon Tetrachloride
Concen: 19.13 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.1	114.1
121	29.1	23.7	35.5





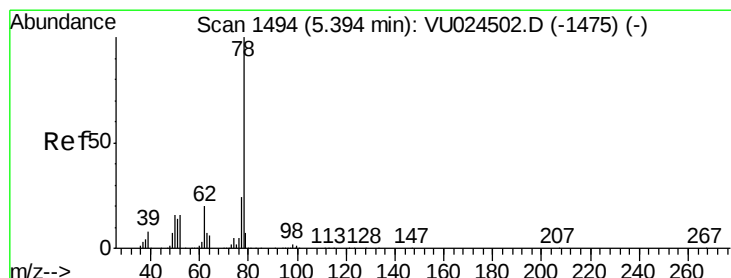
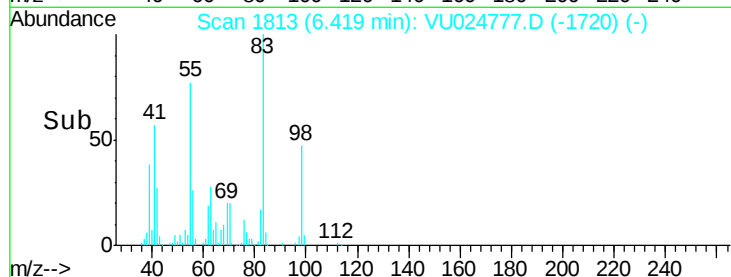
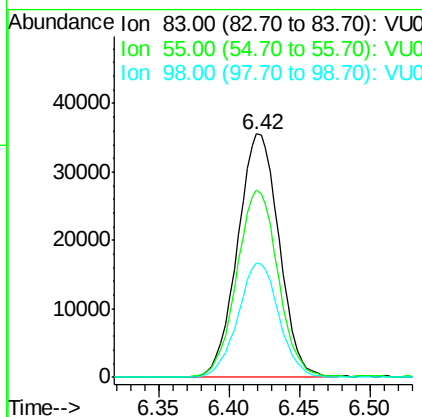
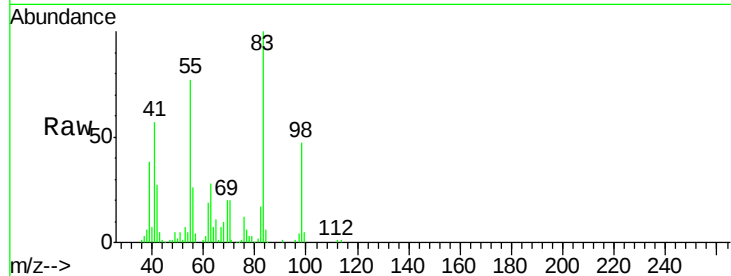
#39
Methvlcvclohexane
Concen: 18.38 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tot Ion	83	Resp	73384
Ion Ratio	100	Lower	Upper
83	100		
55	76.4	65.8	98.6
98	47.0	36.7	55.1

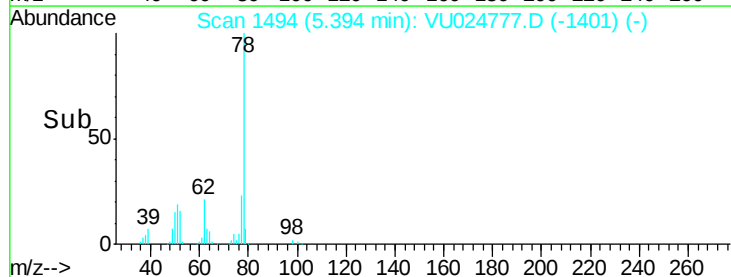
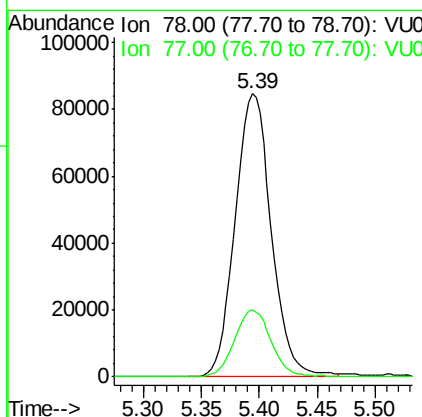
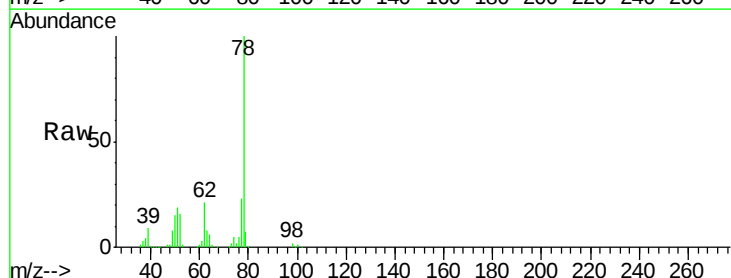
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#40
Benzene
Concen: 20.16 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion	78	Resp	183753
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	19.2	28.8





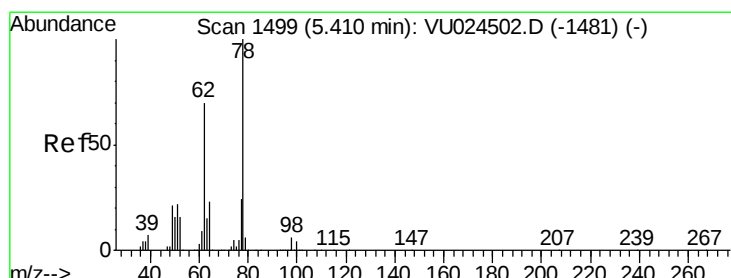
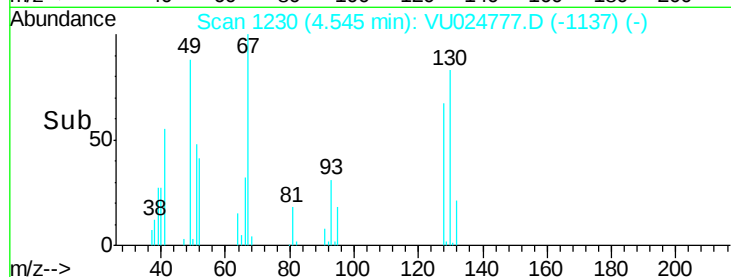
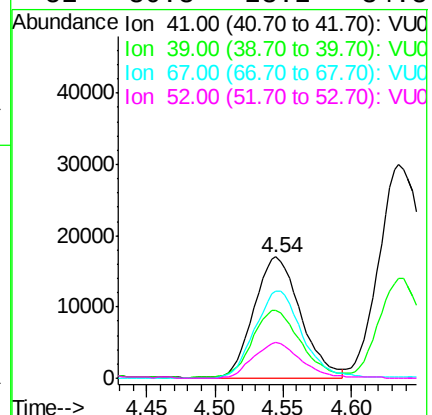
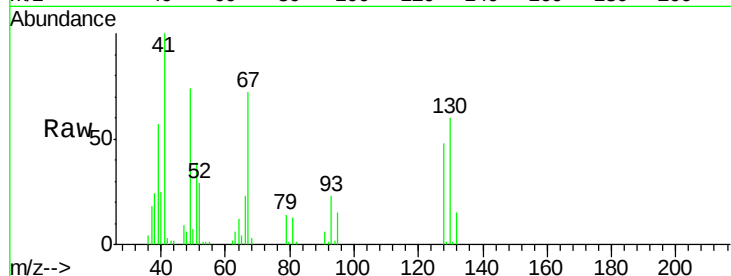
#41
Methacrylonitrile
Concen: 21.66 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.1	43.8	65.6	
67	72.5	56.3	84.5	
52	30.3	23.2	34.8	

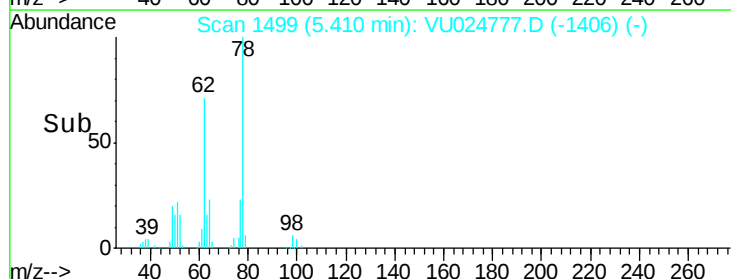
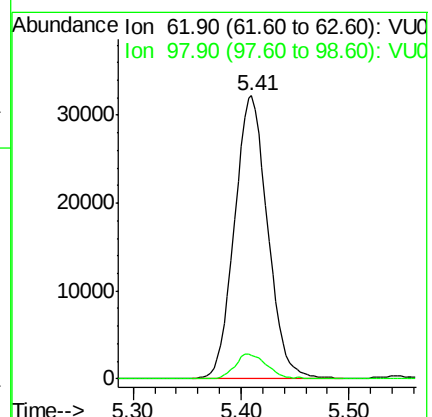
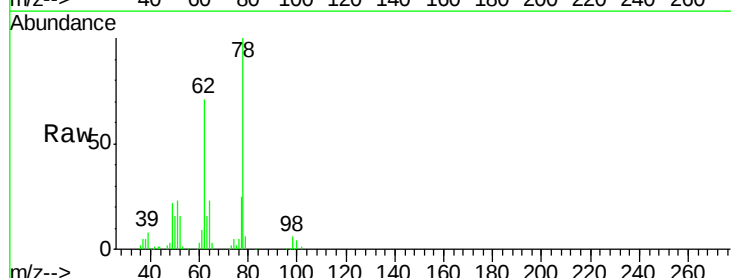
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#42
1,2-Dichloroethane
Concen: 19.95 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





#43

Isopropyl Acetate

Concen: 19.74 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

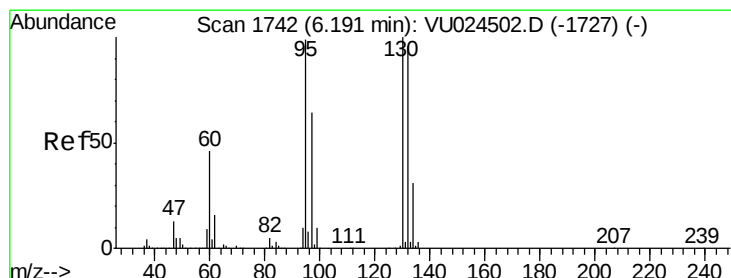
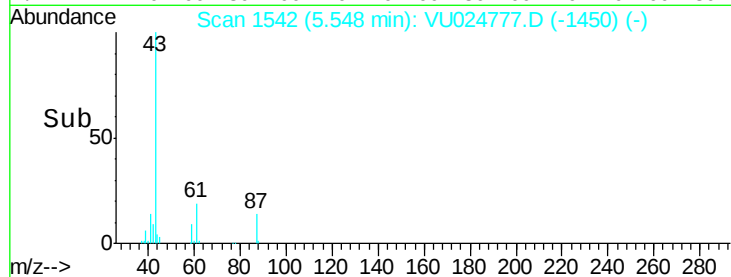
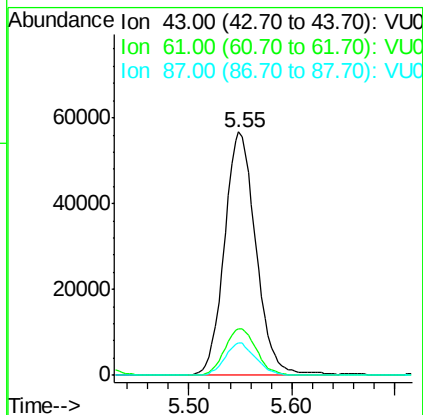
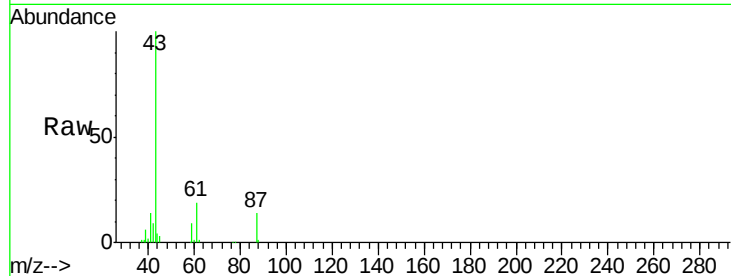
ClientSampleId :

VU0620WBS02

Tot Ion:	43	Resp:	118956
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.0	10.0	15.0

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#44

Trichloroethene

Concen: 19.31 ug/l

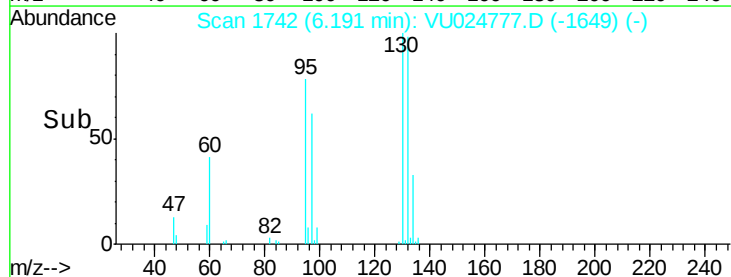
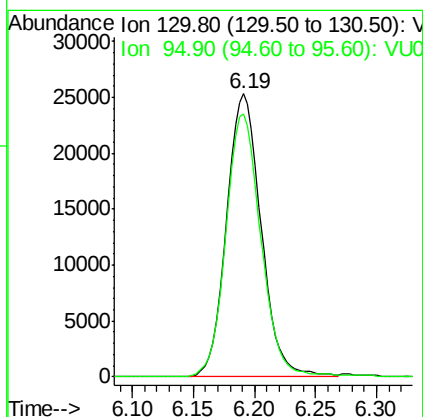
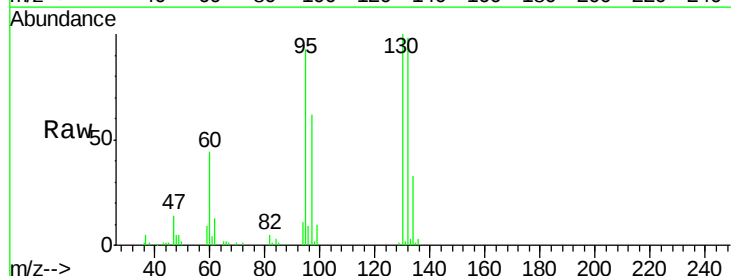
RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion:	130	Resp:	50082
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	202.4





#45

1,2-Dichloropropane

Concen: 20.56 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 63 Resp: 50002

Ion Ratio Lower Upper

63 100

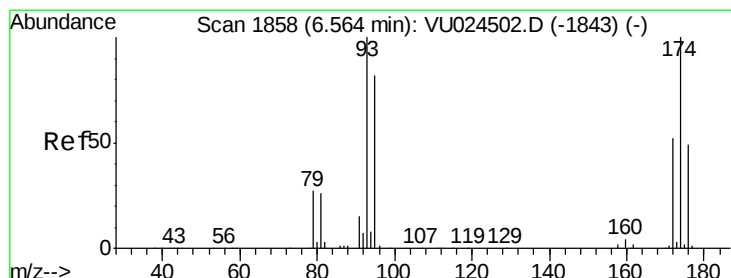
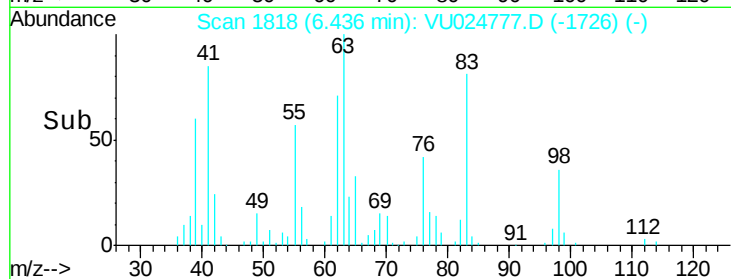
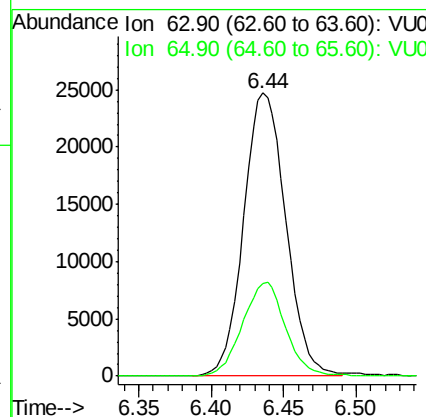
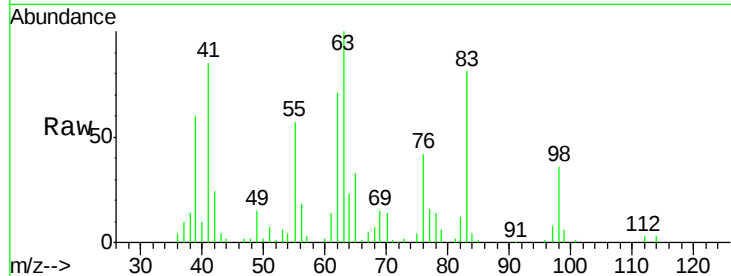
65 33.0 24.8 37.2

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#46

Dibromomethane

Concen: 20.52 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

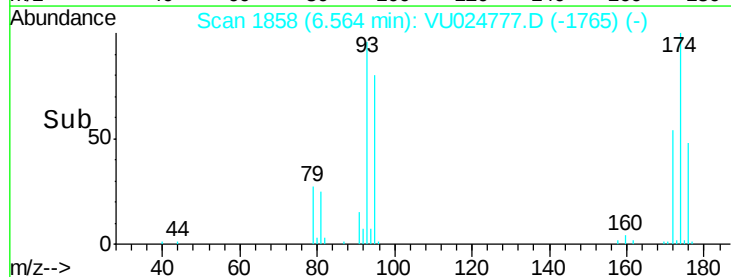
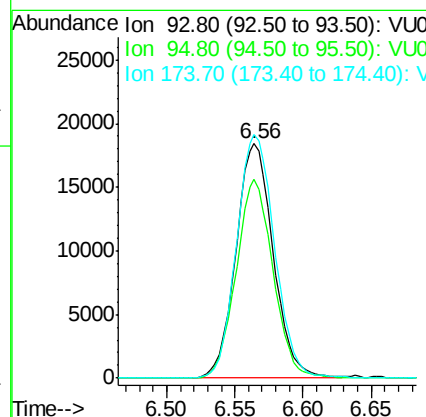
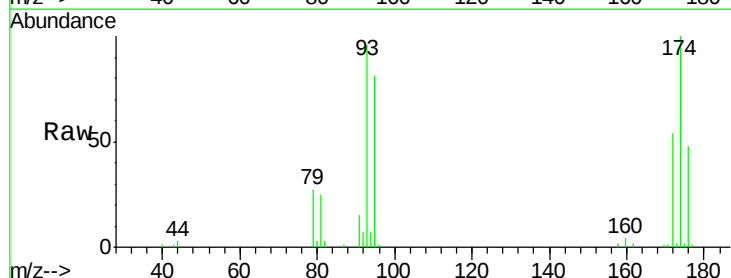
Tgt Ion: 93 Resp: 35052

Ion Ratio Lower Upper

93 100

95 83.3 65.5 98.3

174 105.6 78.7 118.1





#47

Bromodichloromethane

Concen: 19.27 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

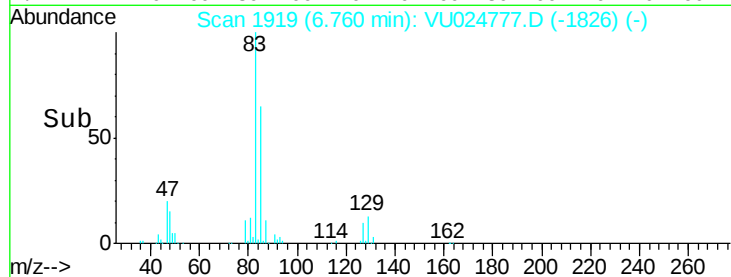
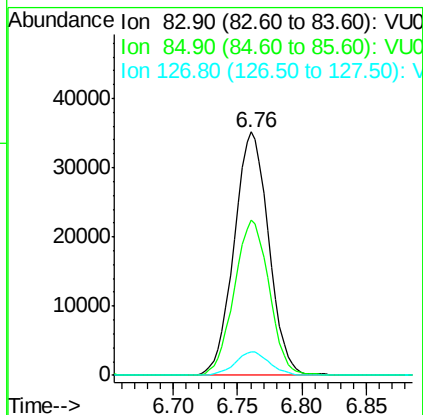
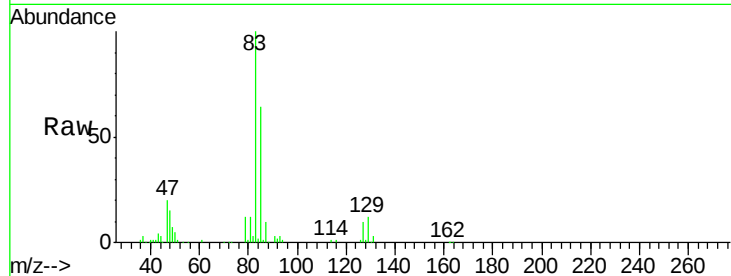
ClientSampleId :

VU0620WBS02

Tot Ion:	83	Resp:	65560
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.9	77.9
127	9.6	6.6	9.8

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#48

Methyl methacrylate

Concen: 20.25 ug/l

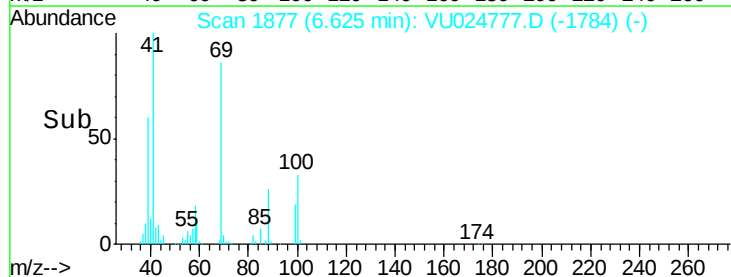
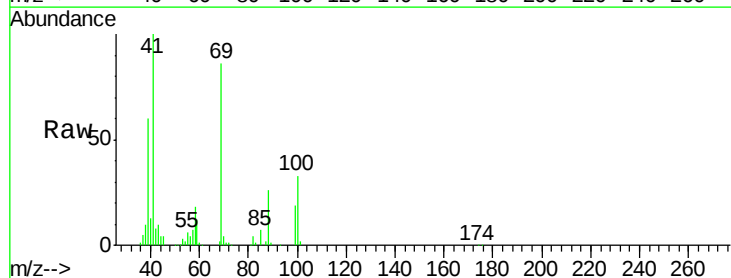
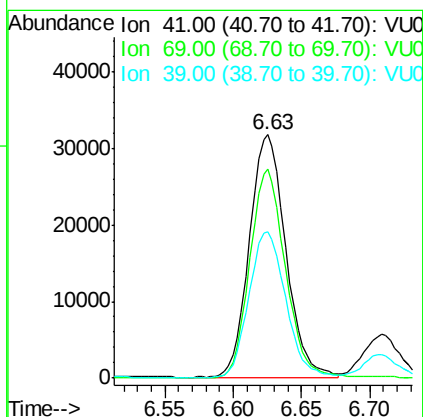
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion:	41	Resp:	59437
Ion	Ratio	Lower	Upper
41	100		
69	83.6	67.3	100.9
39	61.0	46.5	69.7





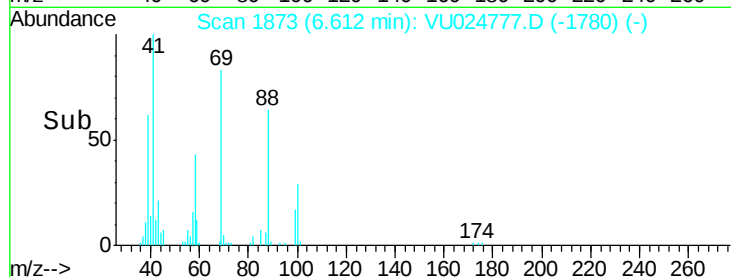
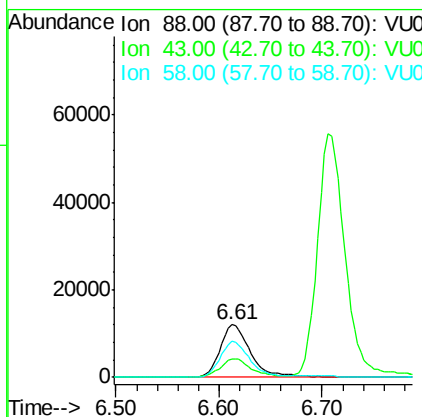
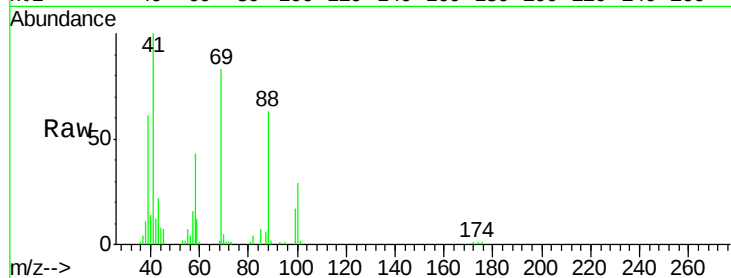
#49
 1,4-Dioxane
 Concen: 432.56 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	28.6	42.8
58	65.9	58.2	87.4

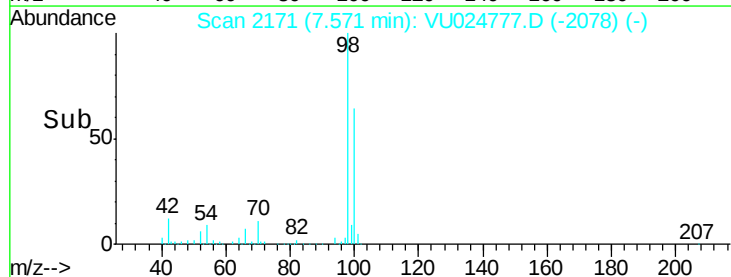
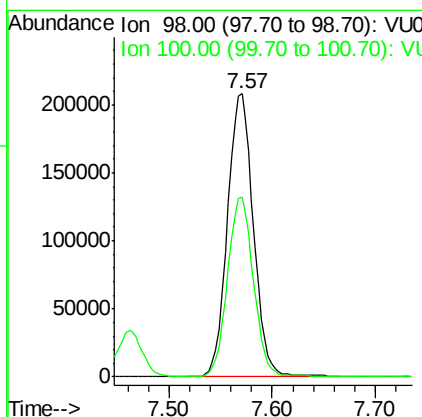
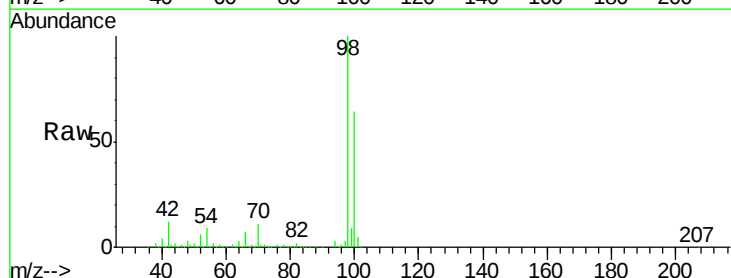
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#50
 Toluene-d8
 Concen: 44.37 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 103.39 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 43 Resp: 391475

Ion Ratio Lower Upper

43 100

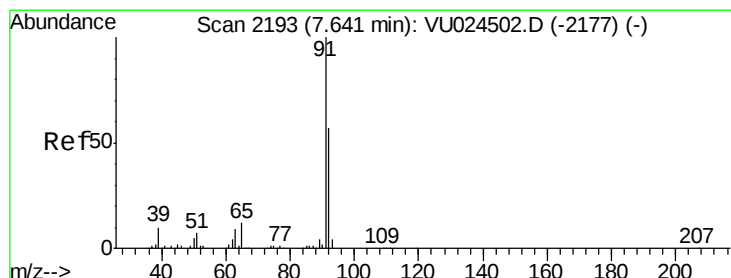
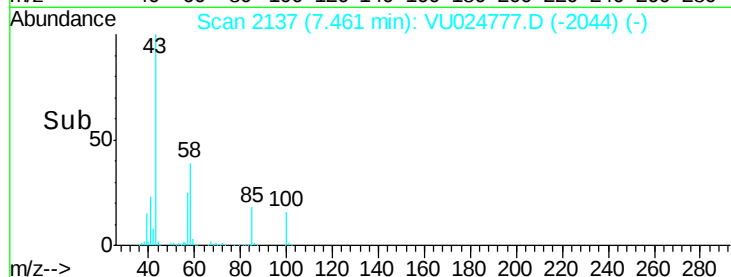
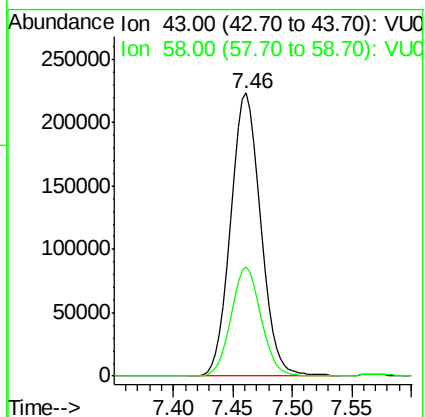
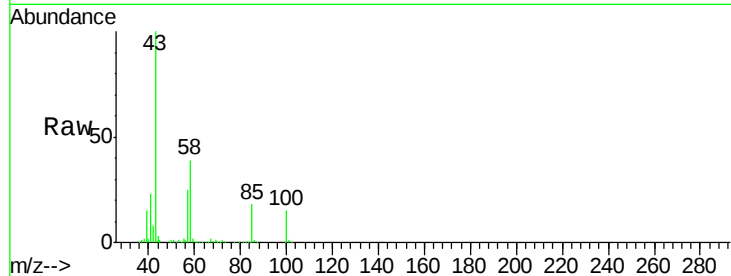
58 38.6 30.0 45.0

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#52

Toluene

Concen: 19.95 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024777.D

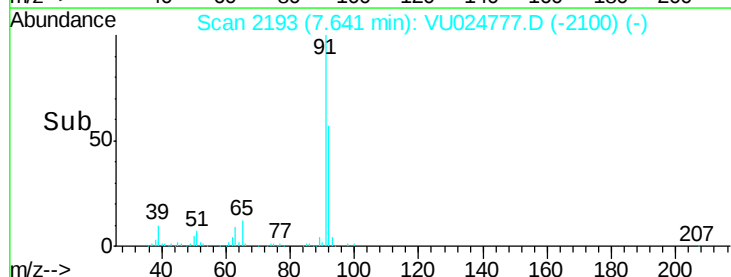
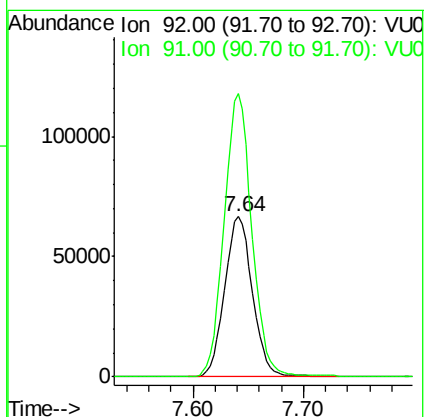
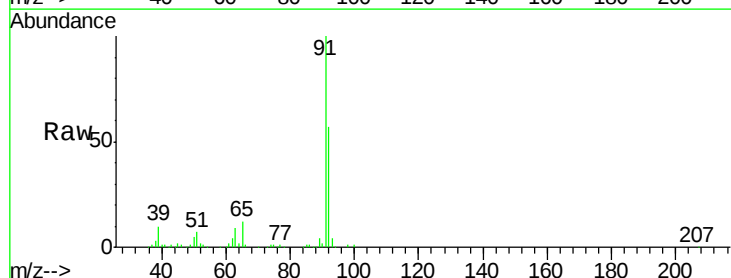
Acq: 21 Jun 2018 00:00

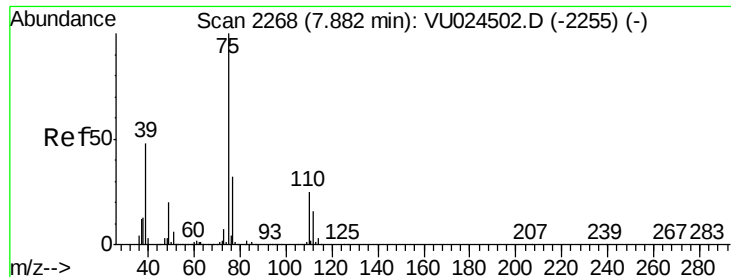
Tgt Ion: 92 Resp: 116968

Ion Ratio Lower Upper

92 100

91 175.3 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 18.13 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tot Ion: 75 Resp: 69247

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

Instrument :

MSVOA_U

ClientSampleId :

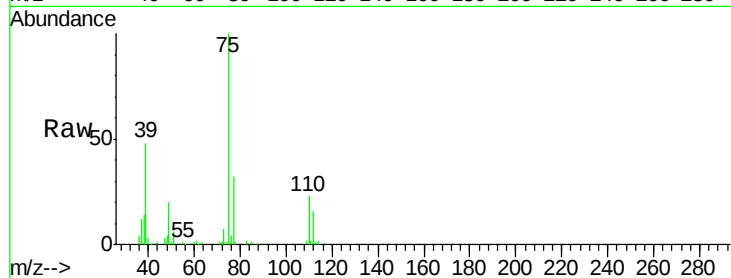
VU0620WBS02

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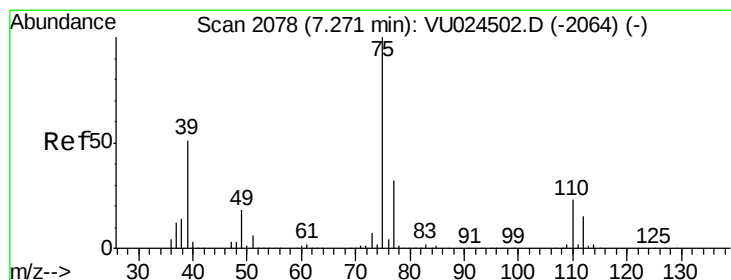
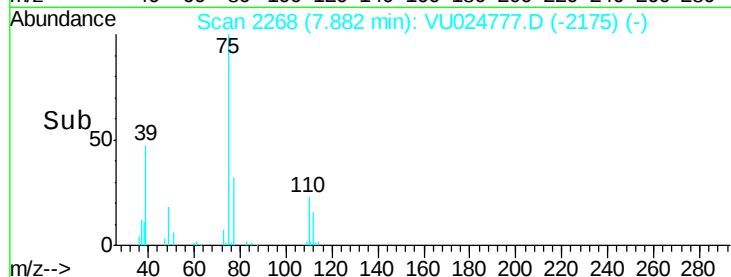
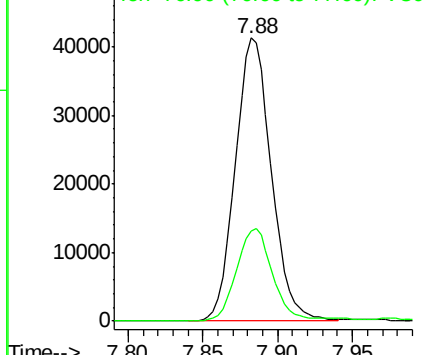
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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 18.44 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

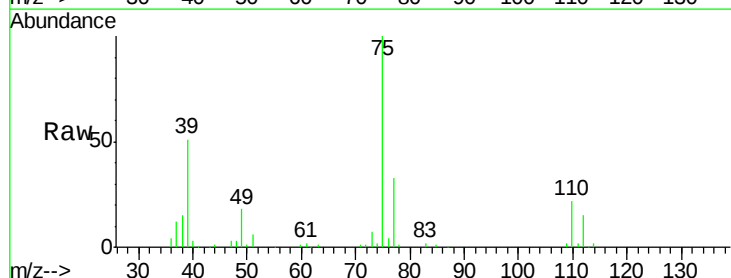
Tgt Ion: 75 Resp: 75070

Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8

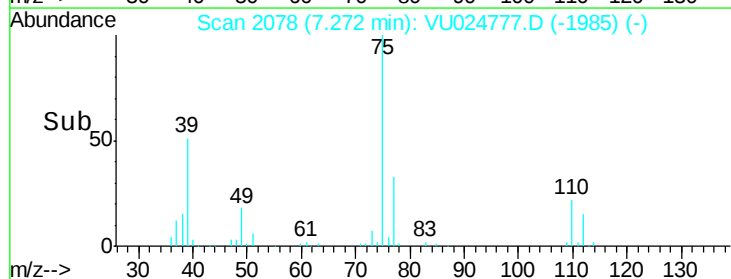
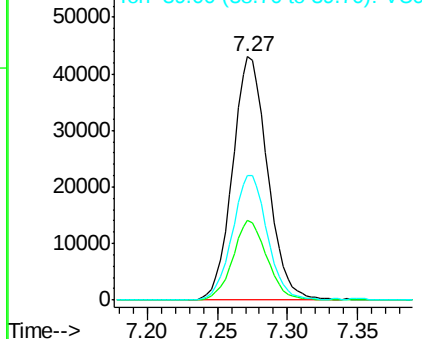
39 51.4 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0





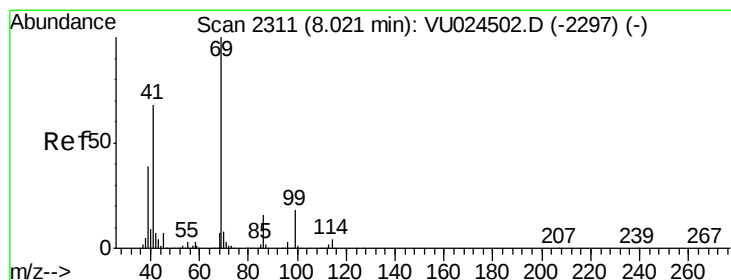
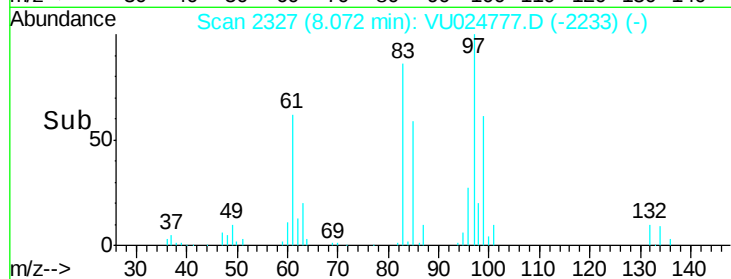
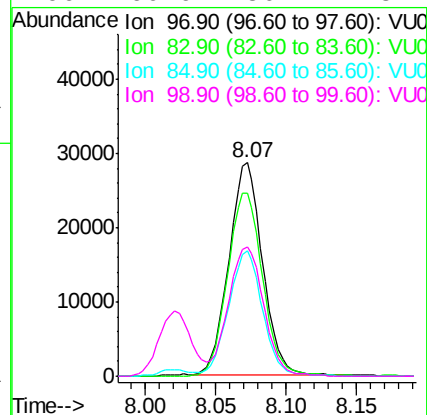
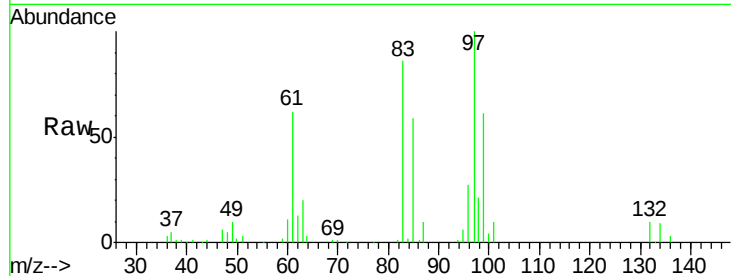
#55
 1,1,2-Trichloroethane
 Concen: 19.95 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Tot Ion:	97	Resp:	47559
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.5	105.7
85	59.1	46.4	69.6
99	60.9	50.2	75.2

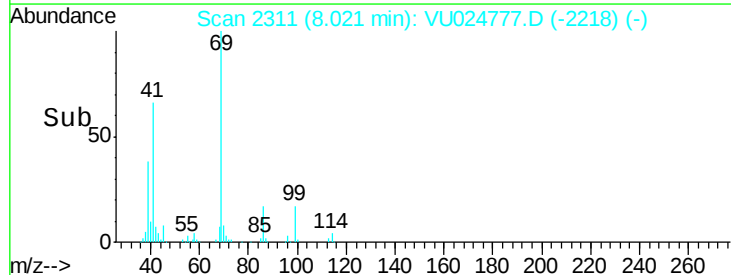
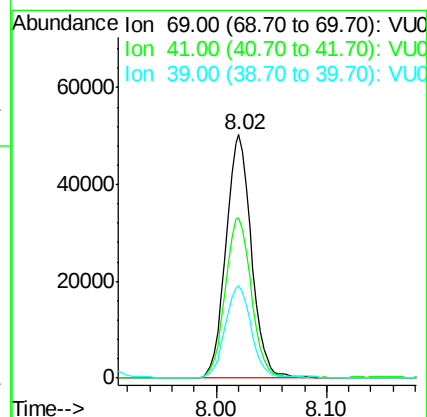
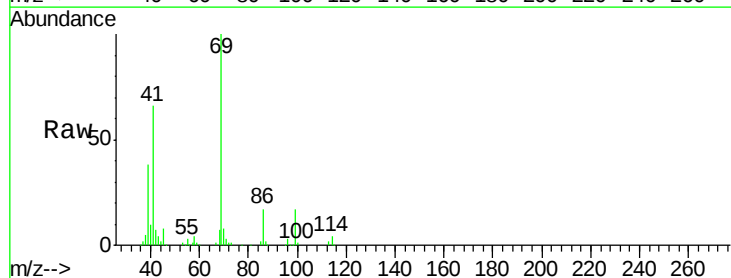
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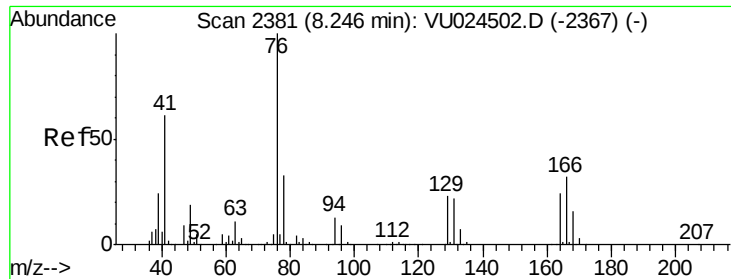
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#56
 Ethyl methacrylate
 Concen: 20.23 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion:	69	Resp:	80731
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.1	81.1
39	39.3	30.3	45.5





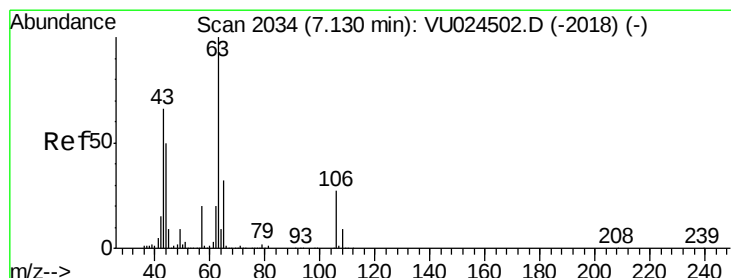
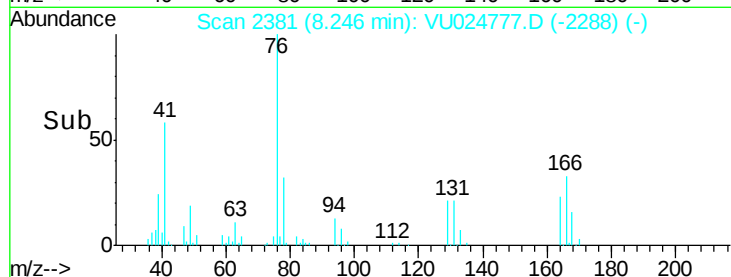
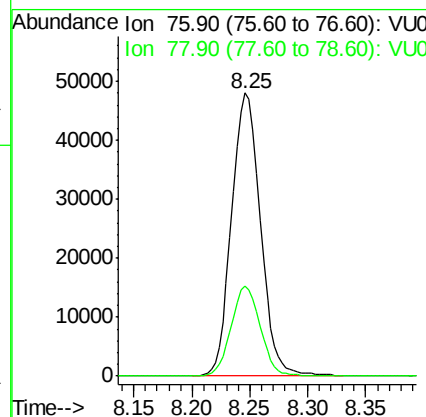
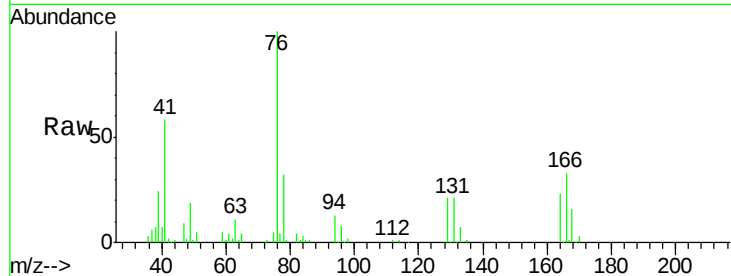
#57
 1,3-Dichloropropane
 Concen: 20.56 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Tot Ion: 76 Resp: 82664
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8

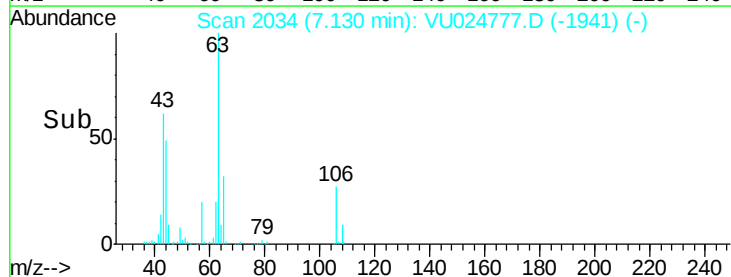
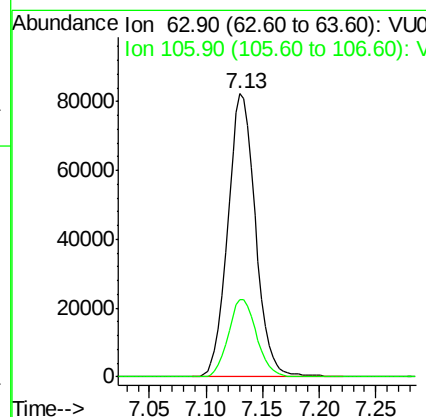
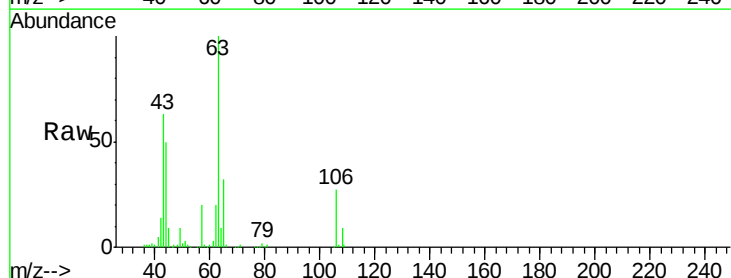
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#58
 2-Chloroethyl Vinyl ether
 Concen: 91.71 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion: 63 Resp: 140184
 Ion Ratio Lower Upper
 63 100
 106 27.9 20.2 30.2





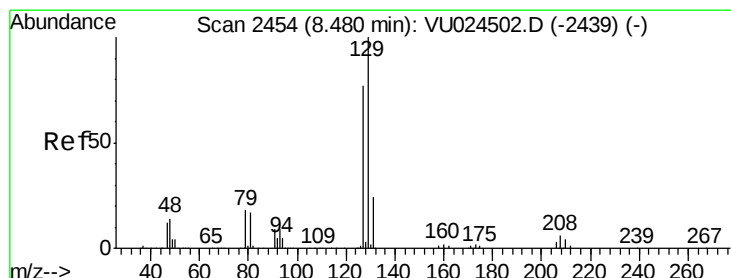
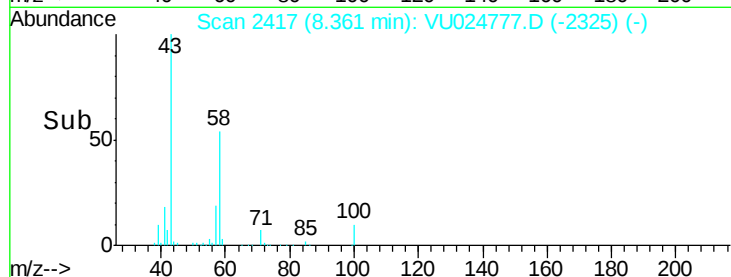
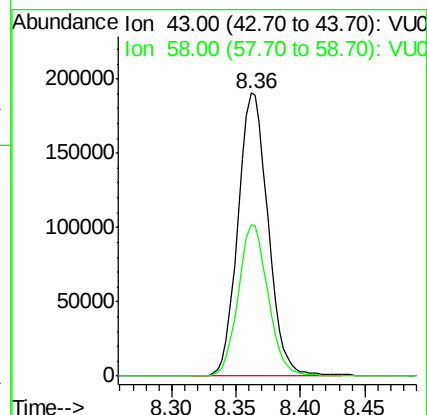
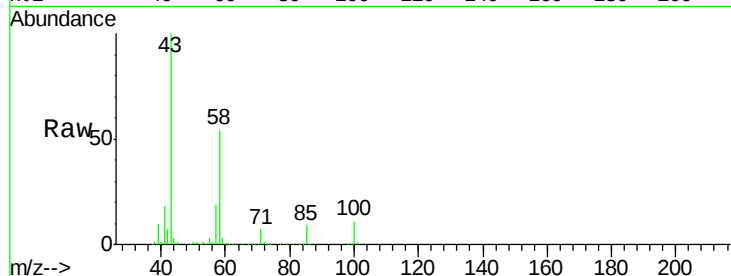
#59
2-Hexanone
Concen: 99.58 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tot Ion: 43 Resp: 307805
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.0

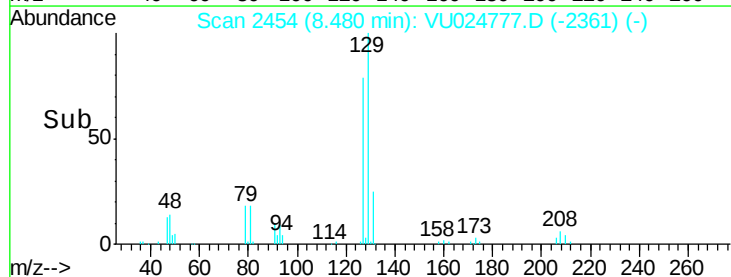
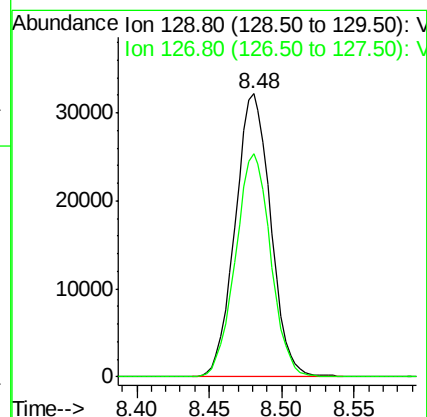
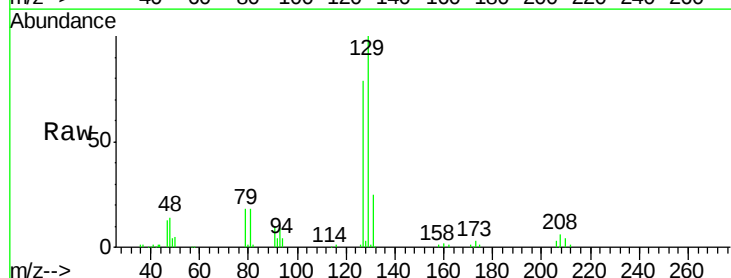
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#60
Dibromochloromethane
Concen: 18.39 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion: 129 Resp: 54653
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.88 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion:107 Resp: 52751

Ion Ratio Lower Upper

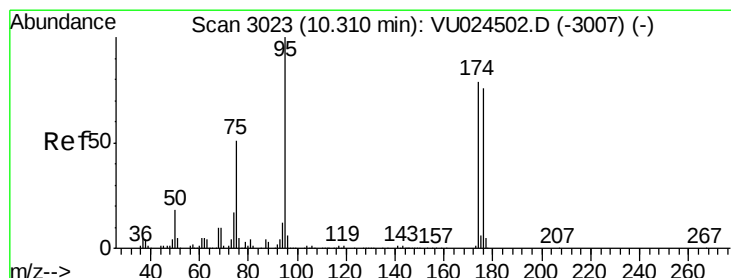
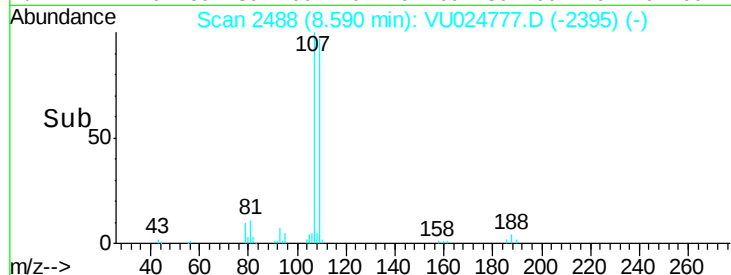
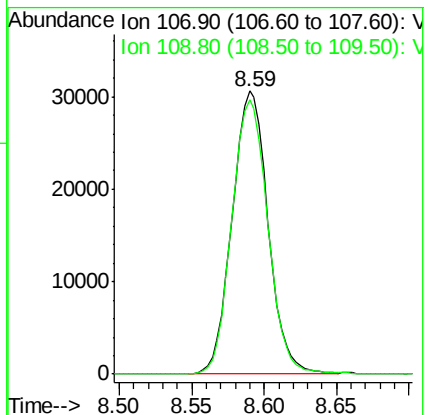
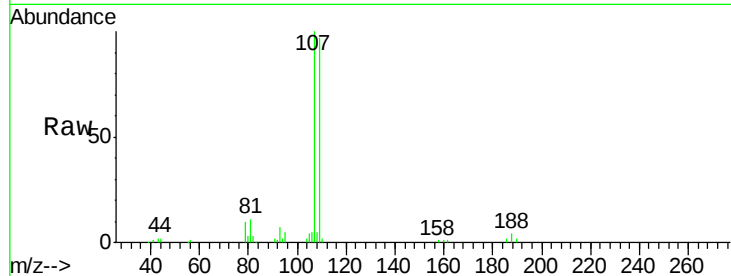
107 100

109 97.4 74.5 111.7

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#62

4-Bromofluorobenzene

Concen: 42.63 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

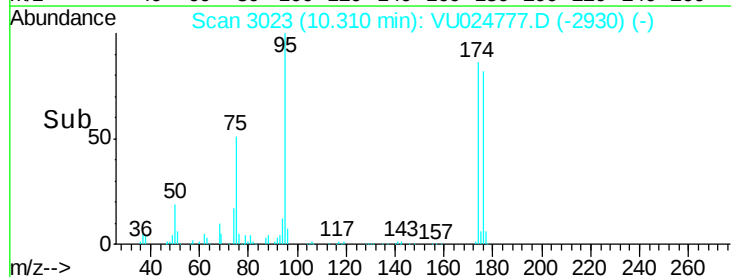
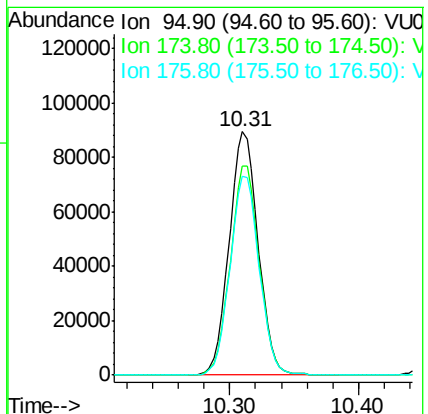
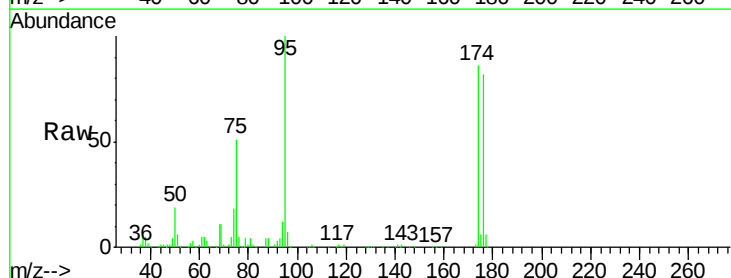
Tgt Ion: 95 Resp: 139498

Ion Ratio Lower Upper

95 100

174 85.7 0.0 165.8

176 82.1 0.0 159.4





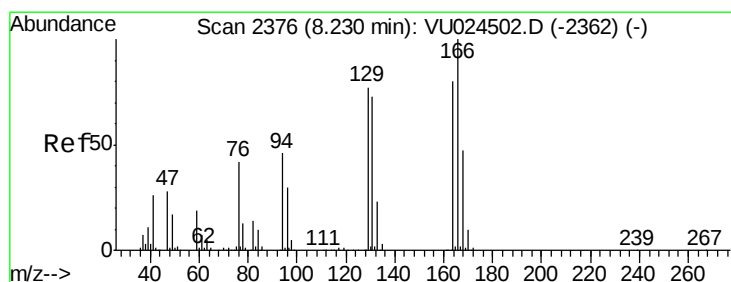
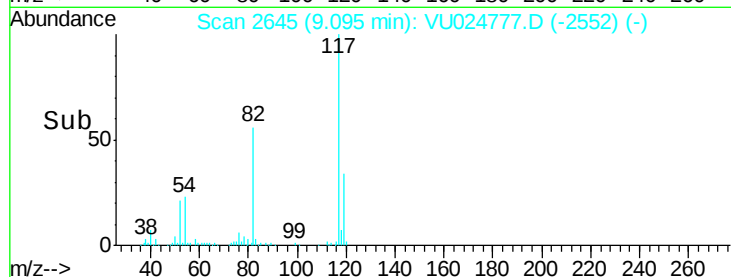
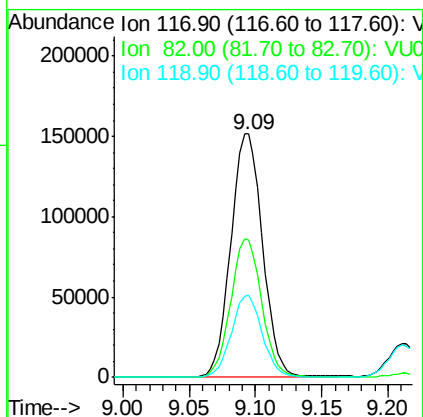
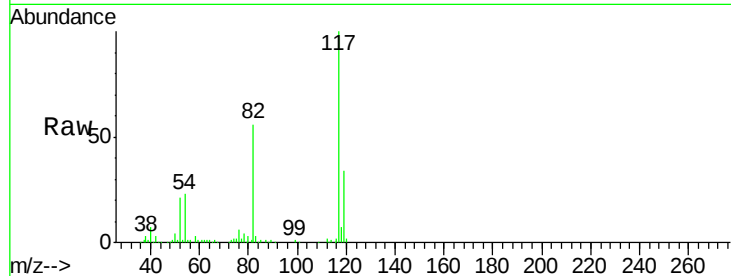
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	252894		
82	56.3		44.3	66.5
119	33.6		25.4	38.2

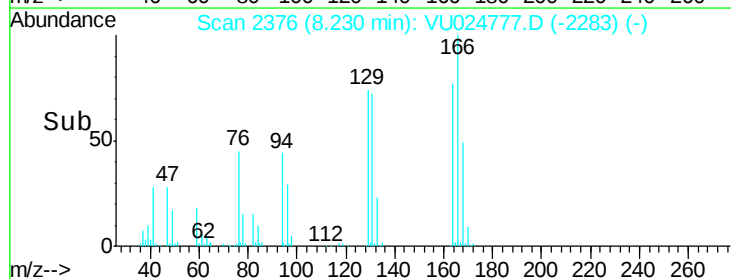
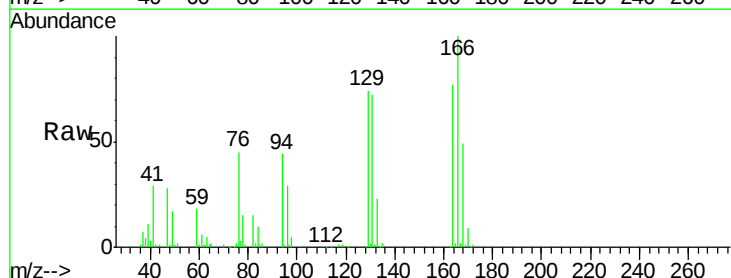
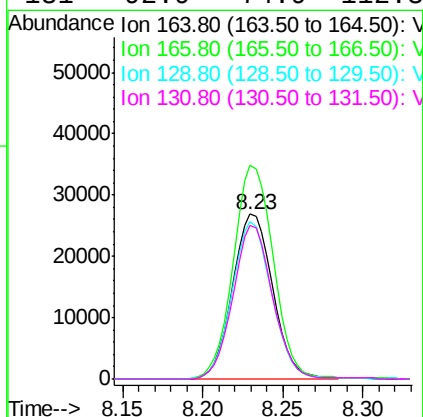
Manual Integrations
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#64
Tetrachloroethene
Concen: 19.17 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46090		
166	129.4		101.7	152.5
129	95.1		76.9	115.3
131	92.9		74.9	112.3





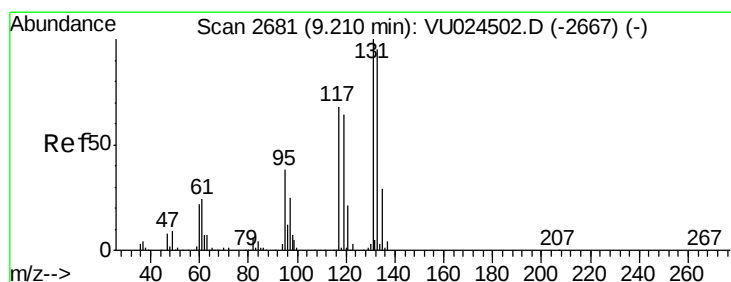
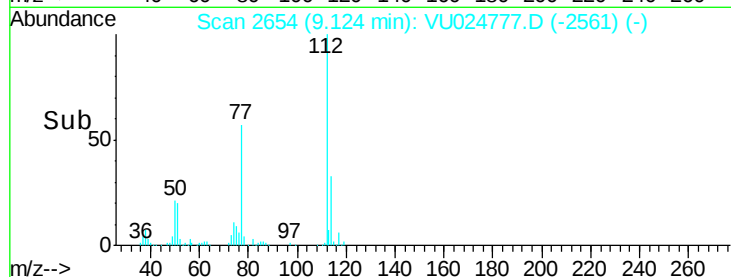
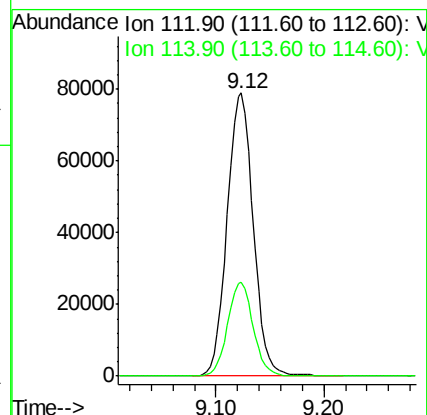
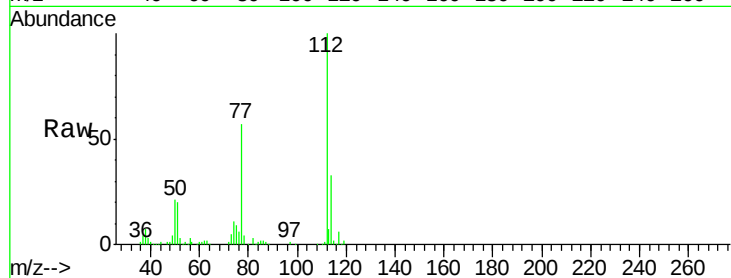
#65
Chlorobenzene
Concen: 20.65 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tot Ion:112 Resp: 133389
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4

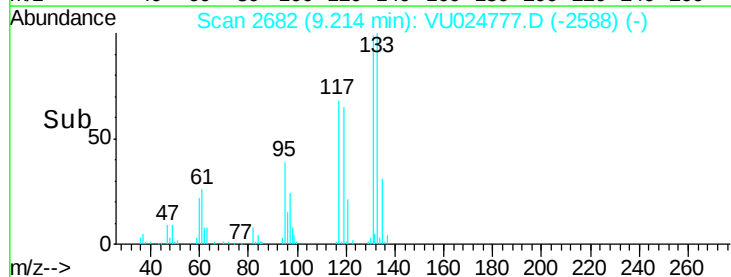
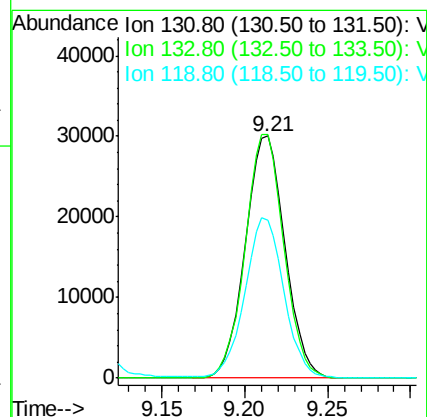
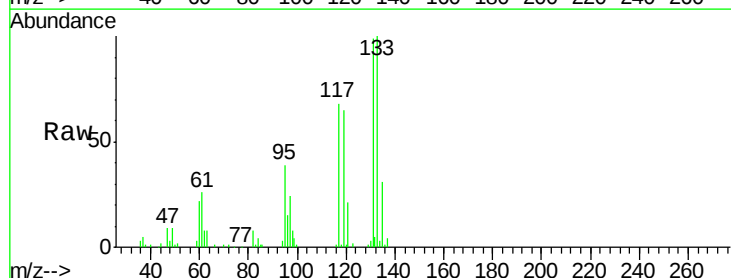
Manual Integrations
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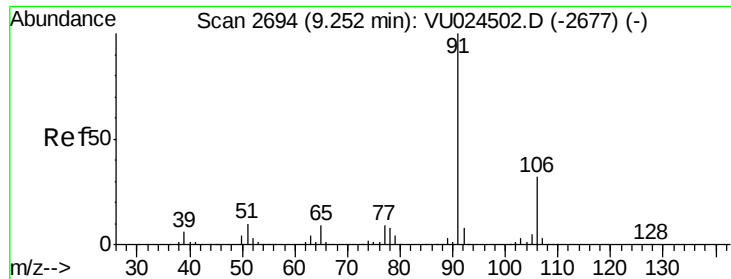
apatel
6/21/2018 1:44:59 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.36 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion:131 Resp: 49965
Ion Ratio Lower Upper
131 100
133 97.9 46.9 140.8
119 65.2 33.5 100.4





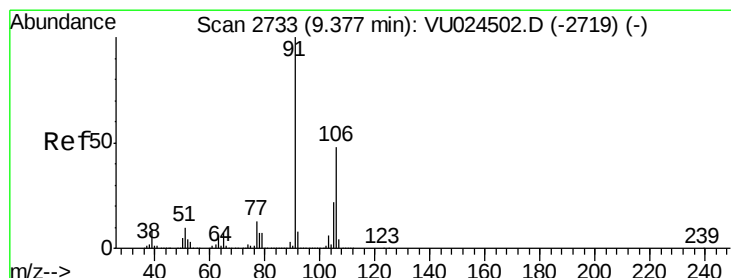
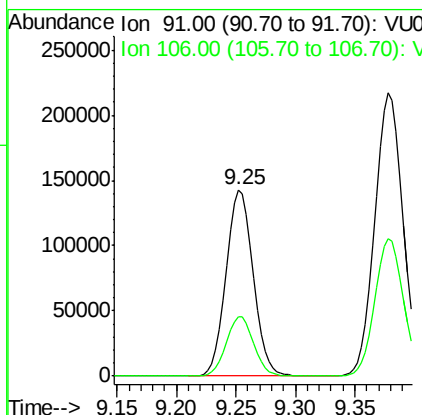
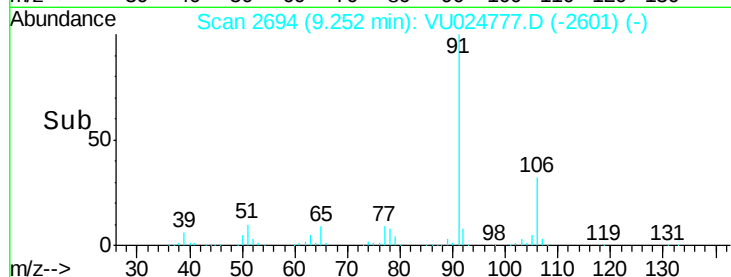
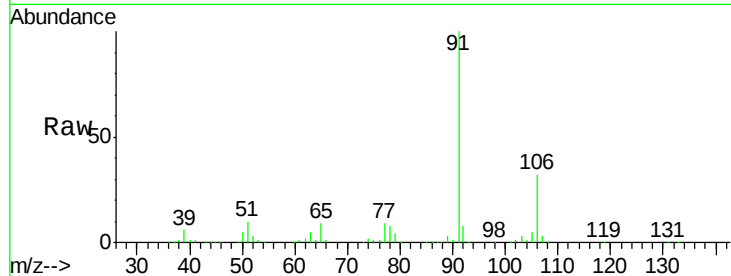
#67
Ethyl Benzene
Concen: 20.02 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tot Ion: 91 Resp: 226722
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4

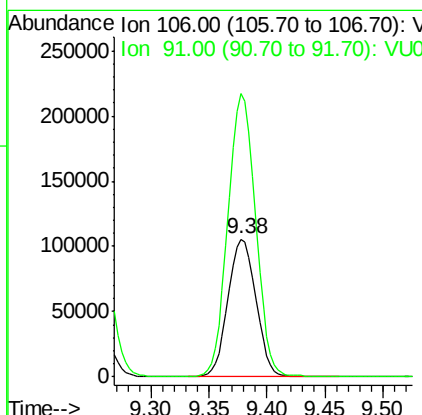
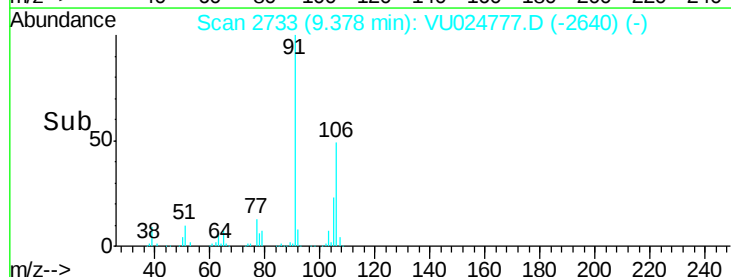
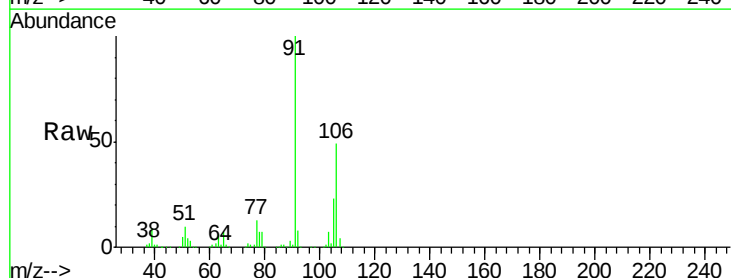
Manual Integrations
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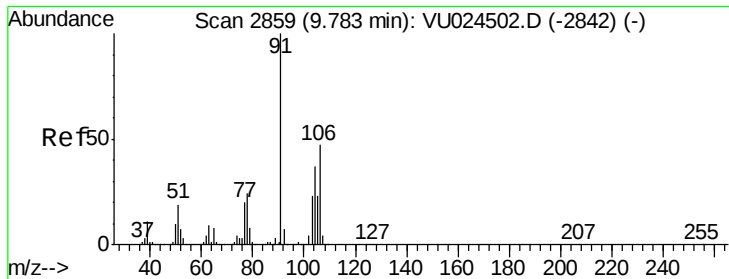
apatel
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#68
m/p-Xylenes
Concen: 40.38 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion: 106 Resp: 175633
Ion Ratio Lower Upper
106 100
91 203.0 166.5 249.7





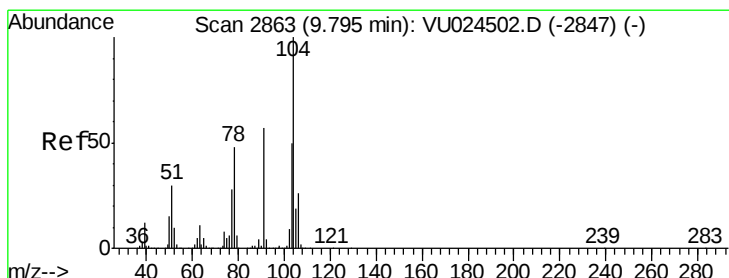
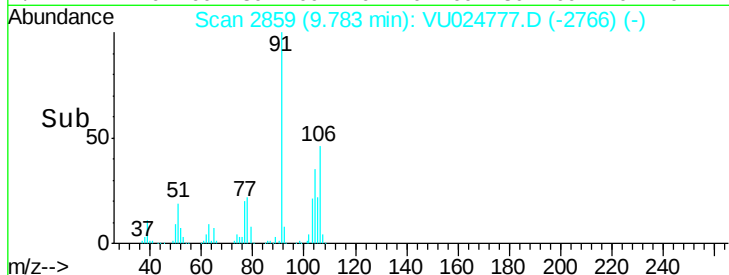
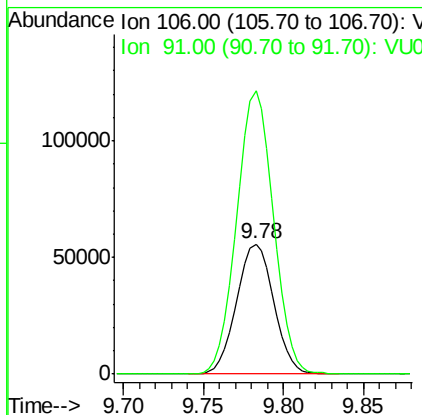
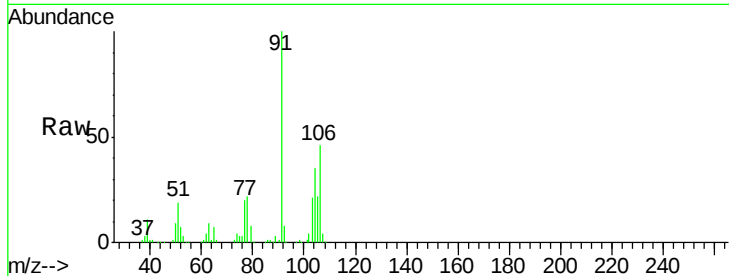
#69
o-Xylene
Concen: 20.53 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampled :
VU0620WBS02

Tot Ion:106 Resp: 88372
Ion Ratio Lower Upper
106 100
91 214.2 110.7 331.9

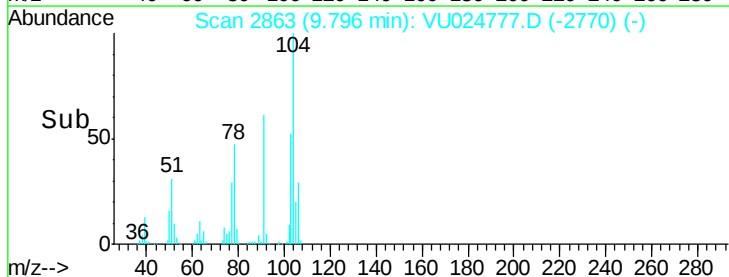
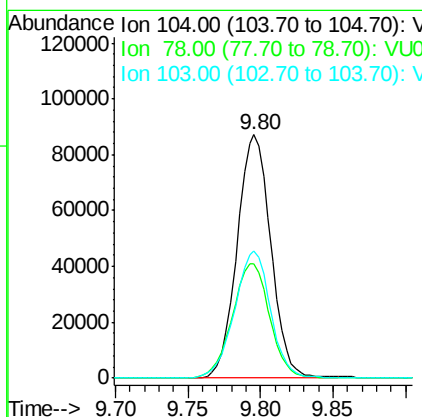
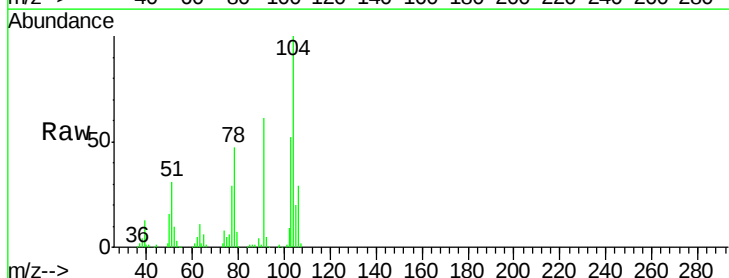
Manual Integrations
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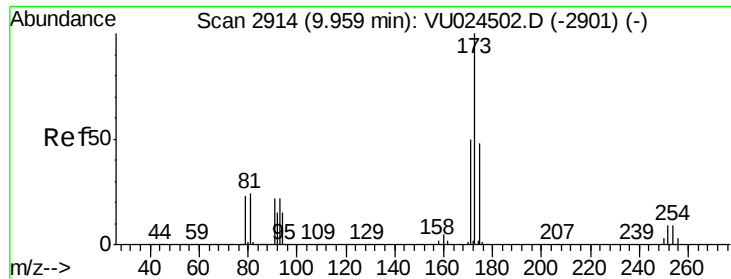
apatel
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#70
Styrene
Concen: 19.95 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion:104 Resp: 141133
Ion Ratio Lower Upper
104 100
78 52.2 40.6 60.8
103 55.7 44.7 67.1





#71

Bromoform

Concen: 18.56 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion:173 Resp: 43311

Ion Ratio Lower Upper

173 100

175 48.8 24.6 74.0

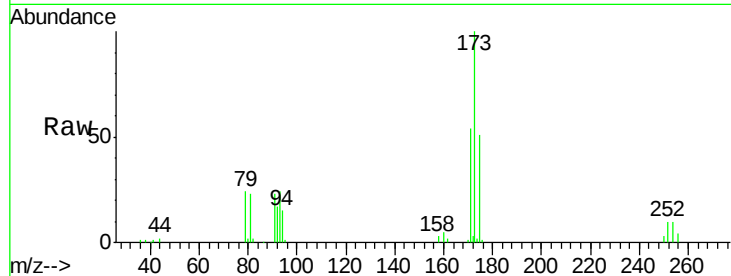
254 0.0 0.0 0.0

Manual Integrations

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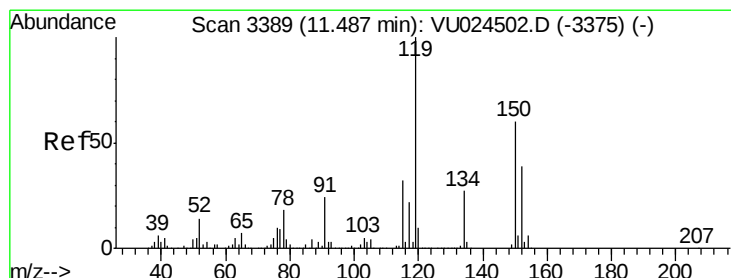
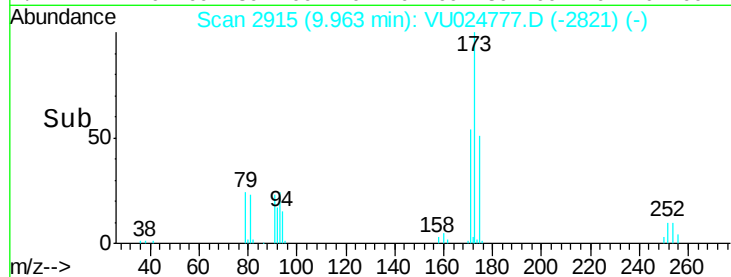
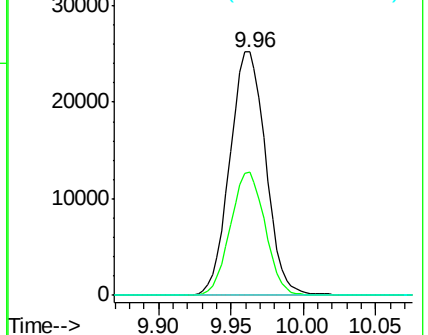
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VU024777.D

Acq: 21 Jun 2018 00:00

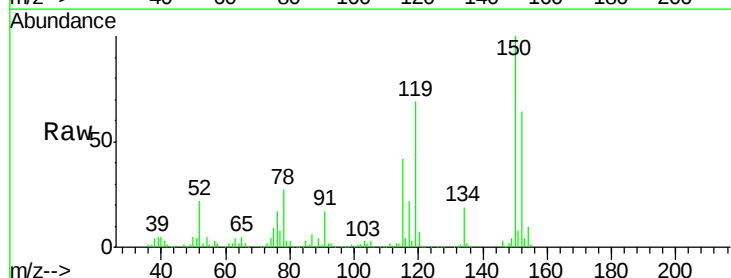
Tgt Ion:152 Resp: 146736

Ion Ratio Lower Upper

152 100

115 69.2 43.0 129.0

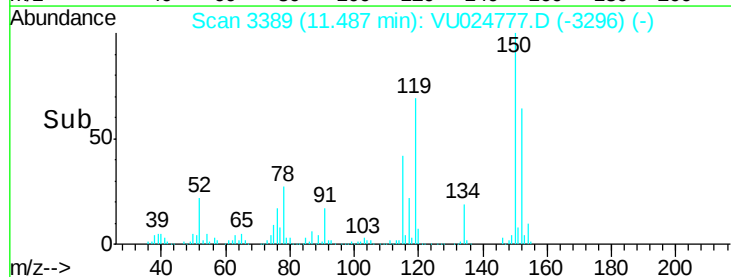
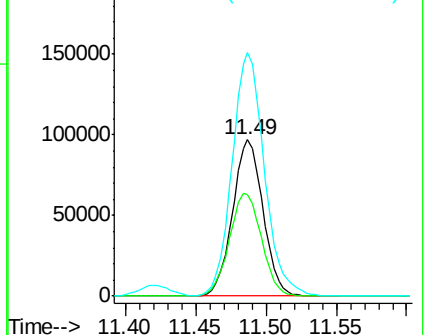
150 165.0 0.0 354.0

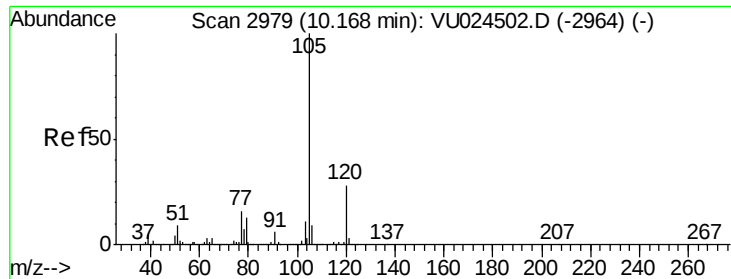


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.04 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 105 Resp: 237042

Ion Ratio Lower Upper

105 100

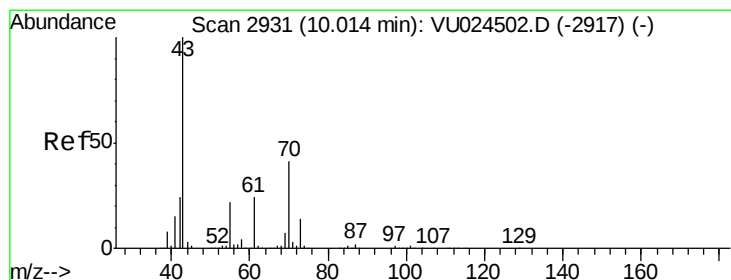
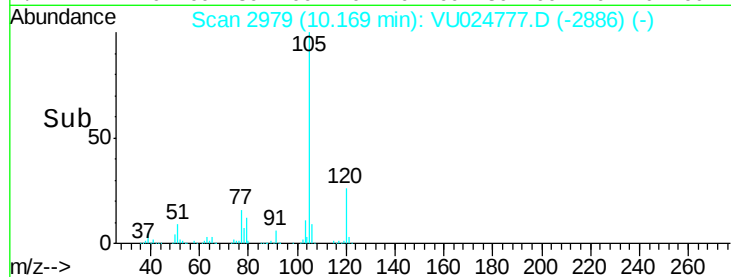
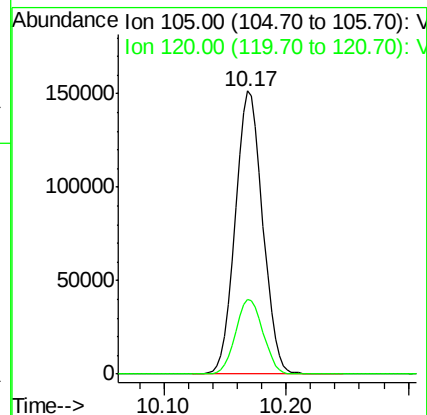
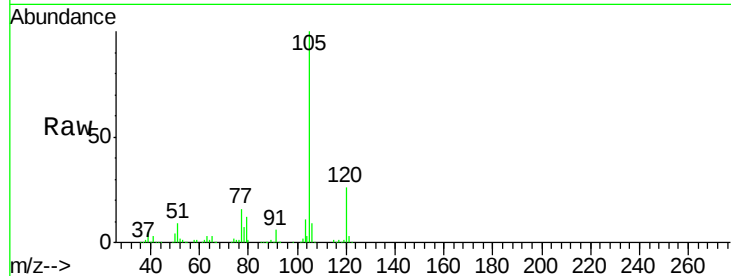
120 26.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.37 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion: 43 Resp: 109153

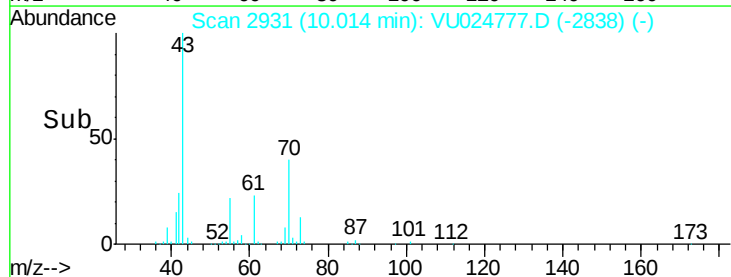
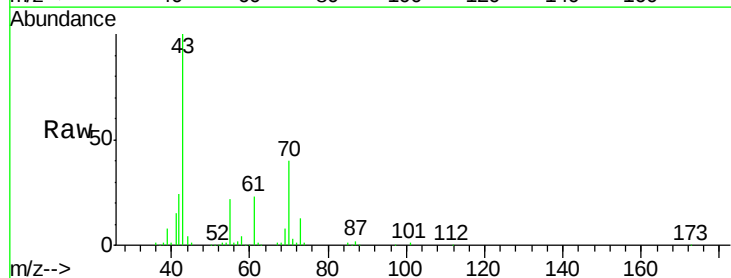
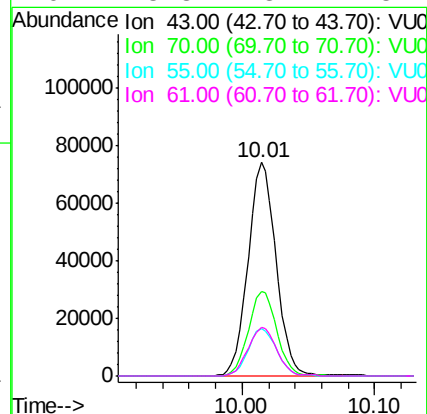
Ion Ratio Lower Upper

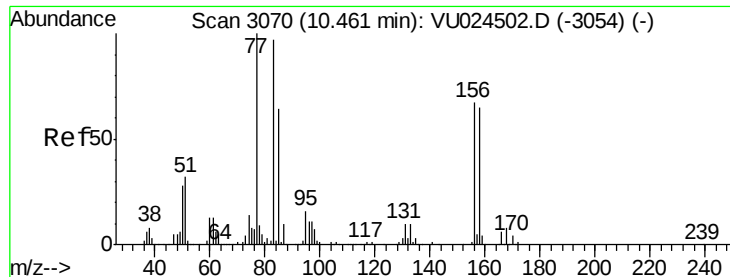
43 100

70 39.9 32.2 48.4

55 22.8 20.5 30.7

61 23.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.90 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 83 Resp: 82663

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

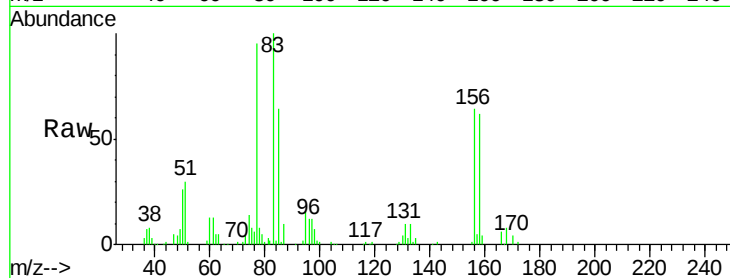
85 65.3 32.5 97.5

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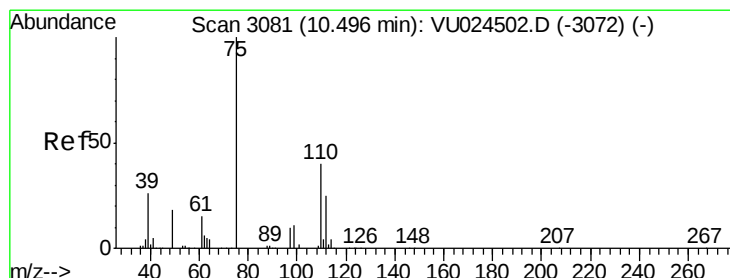
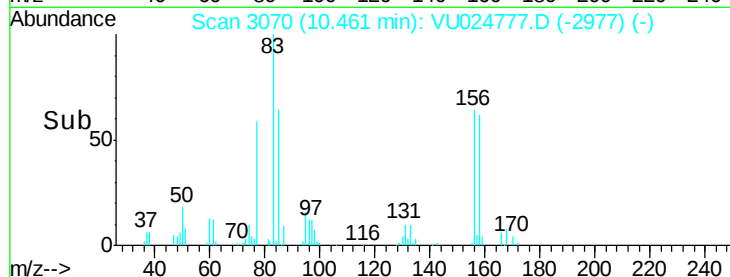
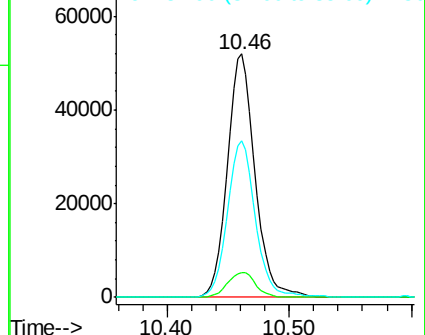
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Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 22.20 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024777.D

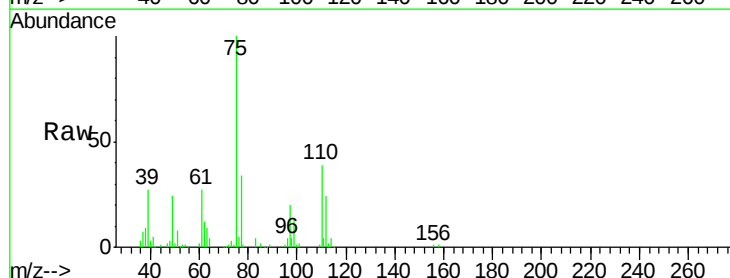
Acq: 21 Jun 2018 00:00

Tgt Ion: 75 Resp: 71720

Ion Ratio Lower Upper

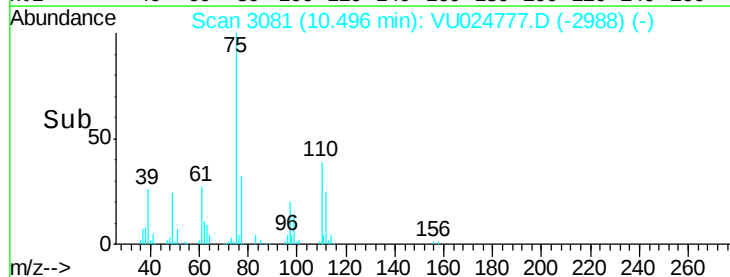
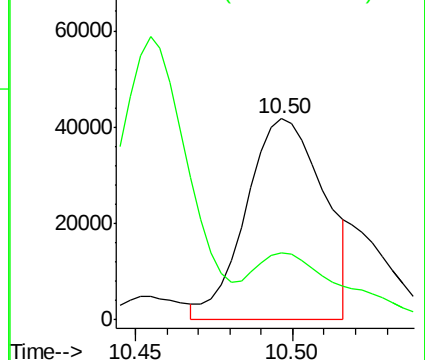
75 100

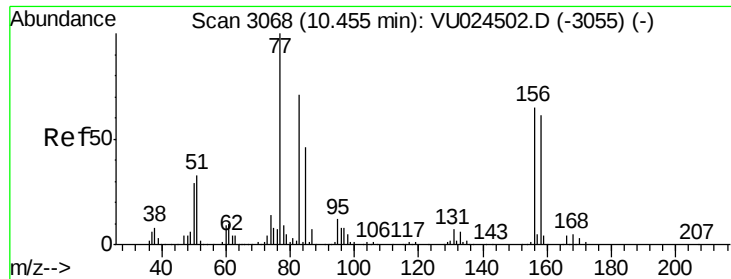
77 38.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 21.49 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

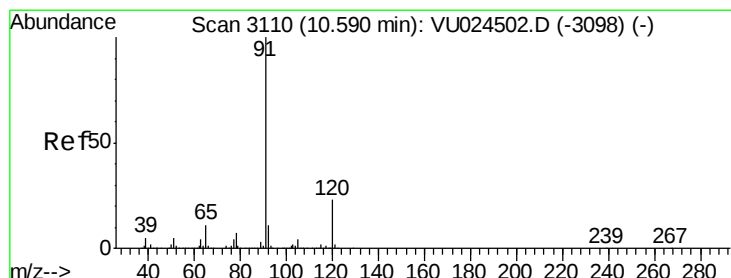
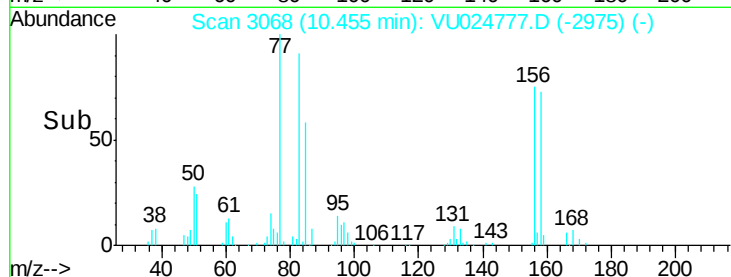
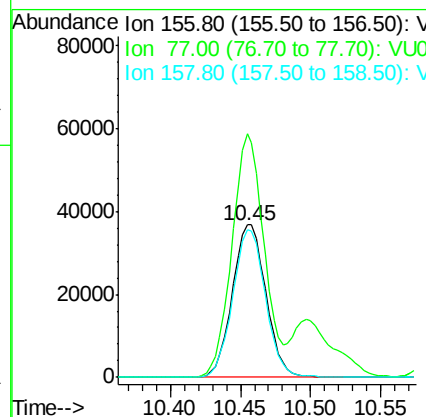
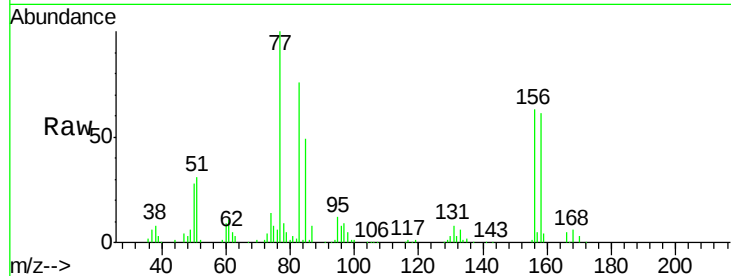
ClientSampleId :

VU0620WBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	152.2	80.5	241.3	
158	94.8	48.2	144.6	

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#78

n-propylbenzene

Concen: 19.93 ug/l

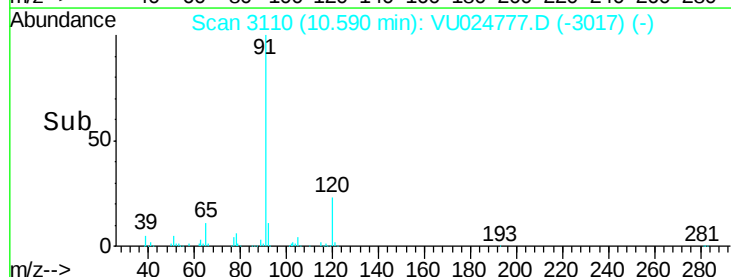
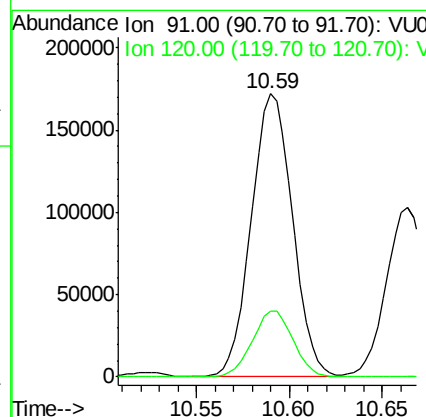
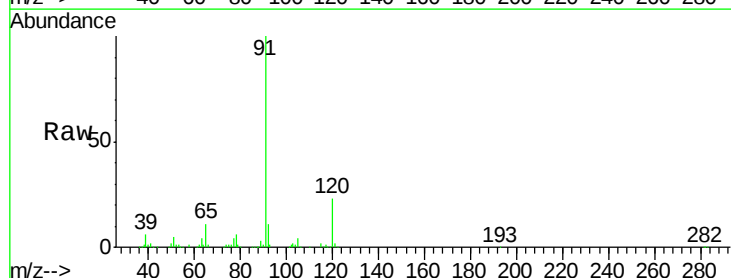
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.2	11.2	33.5	





#79

2-Chlorotoluene

Concen: 20.47 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion: 91 Resp: 160227

Ion Ratio Lower Upper

91 100

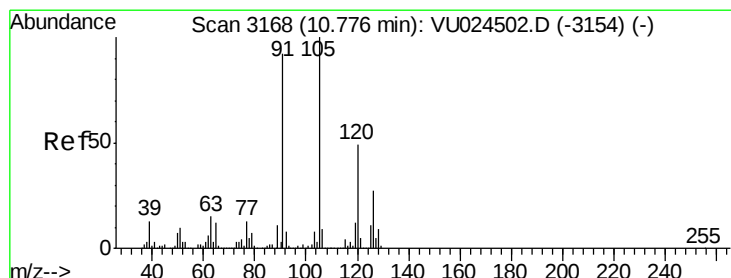
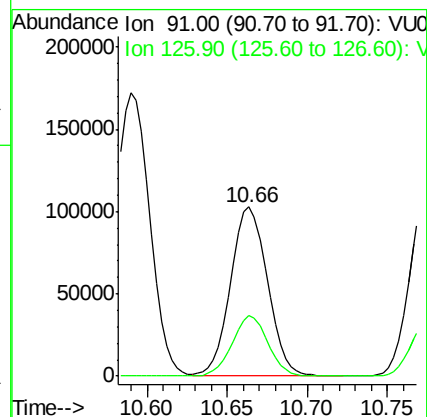
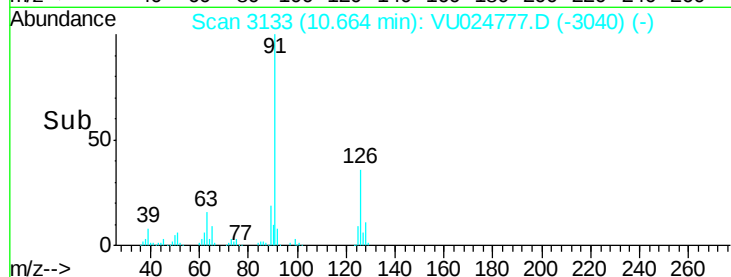
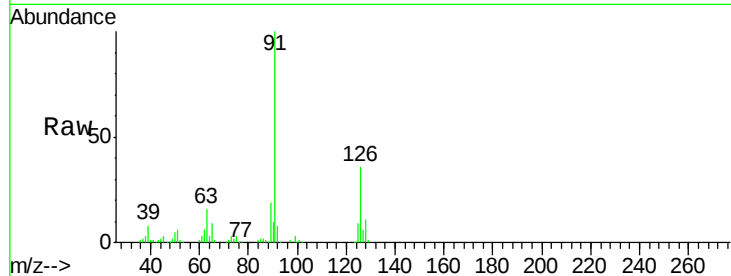
126 35.0 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 20.77 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024777.D

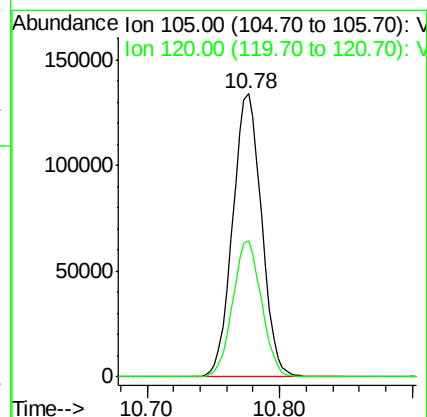
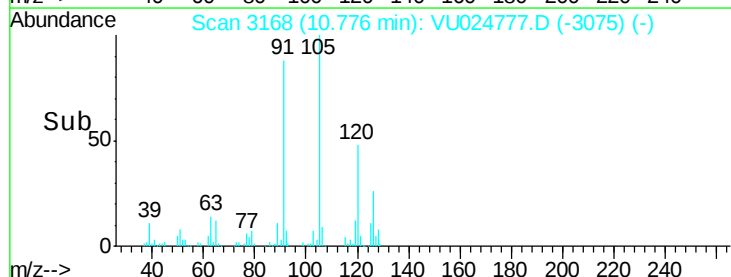
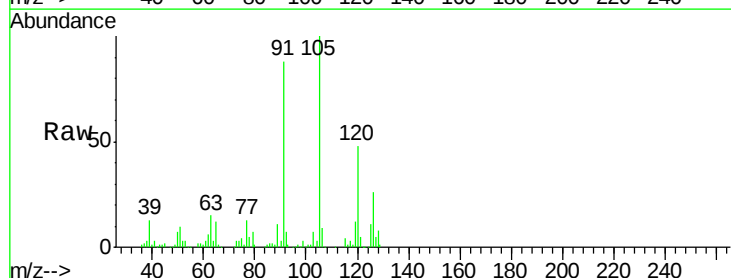
Acq: 21 Jun 2018 00:00

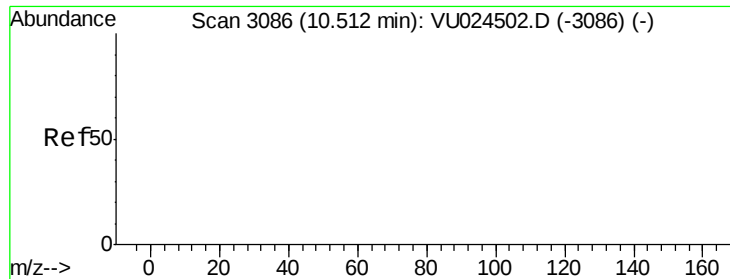
Tgt Ion: 105 Resp: 202855

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.2





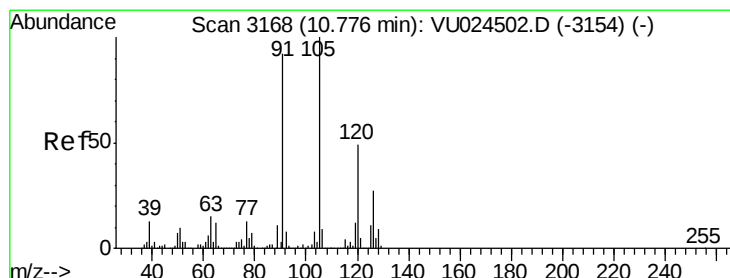
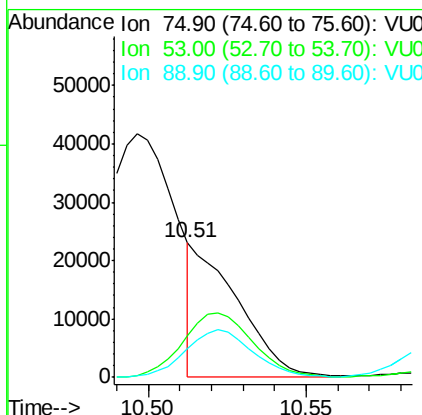
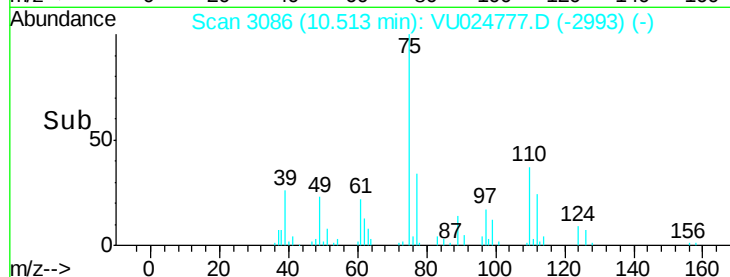
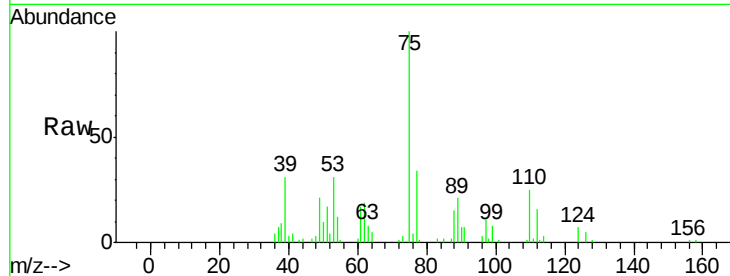
#81
trans-1,4-Dichloro-2-butene
Concen: 16.34 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

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

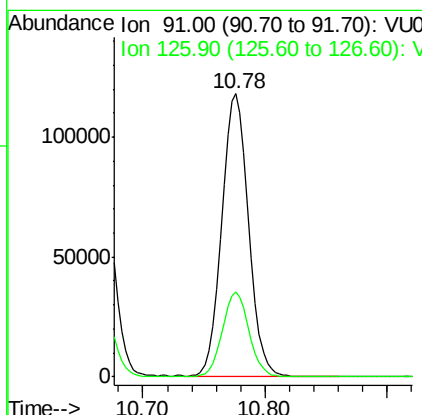
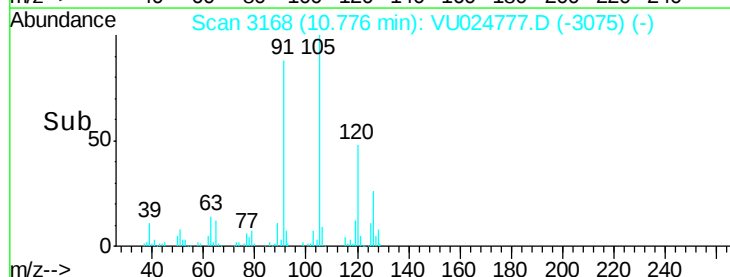
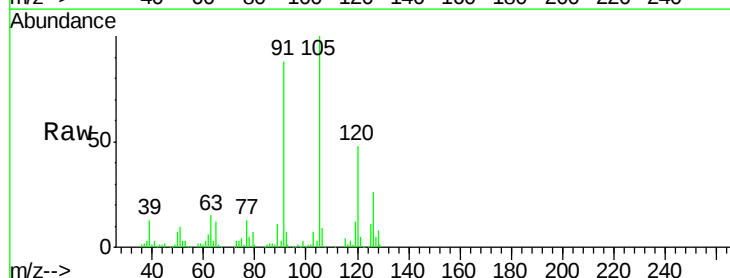
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#82
4-Chlorotoluene
Concen: 20.09 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.9	44.9





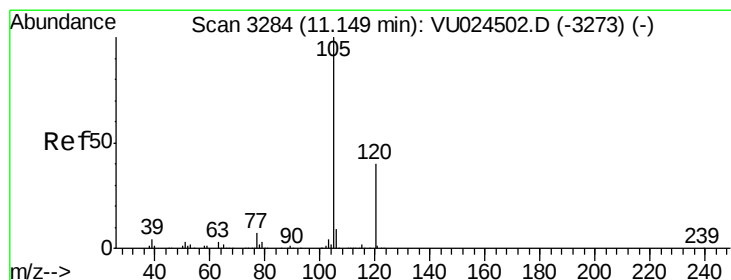
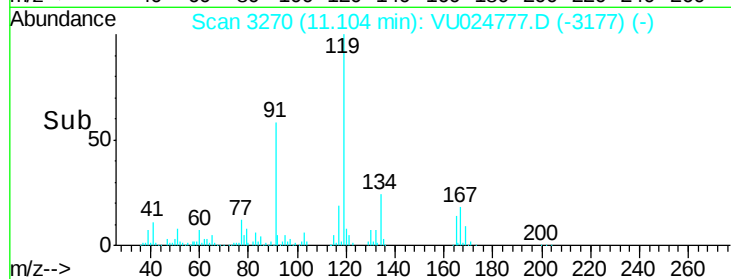
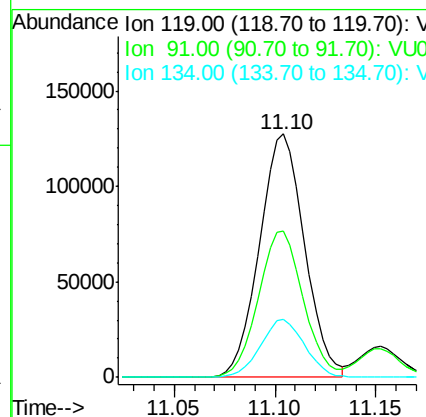
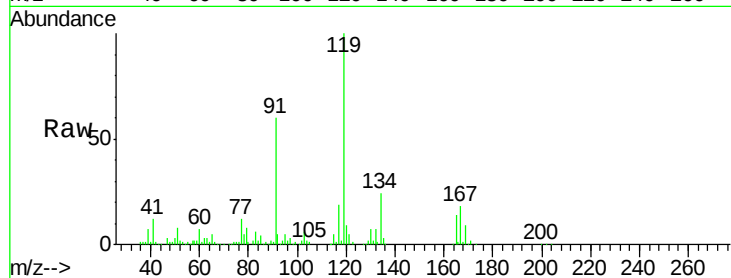
#83
 tert-Butylbenzene
 Concen: 21.18 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.7	89.1
134	23.3	11.6	34.7

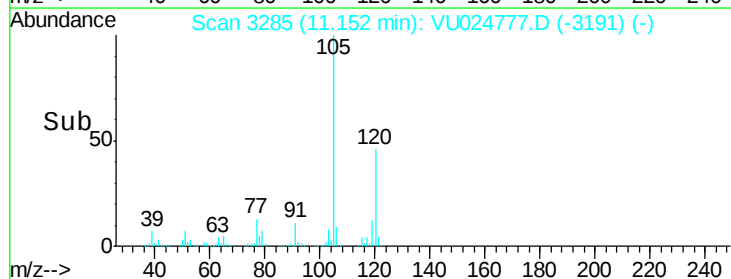
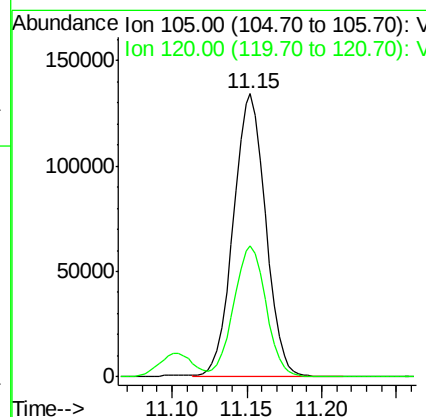
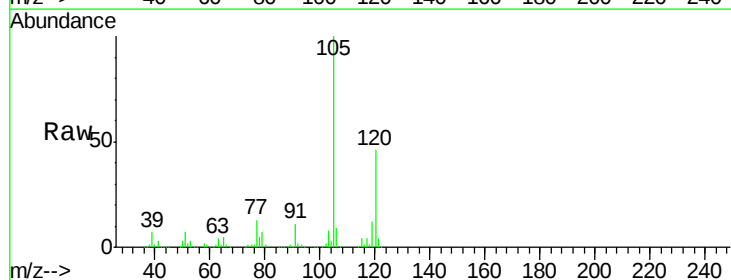
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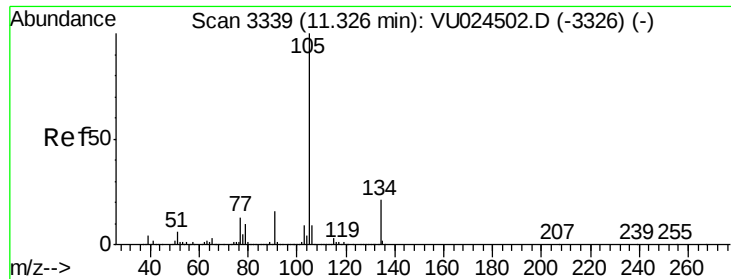
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.33 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.52 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS02

Tot Ion:105 Resp: 241277

Ion Ratio Lower Upper

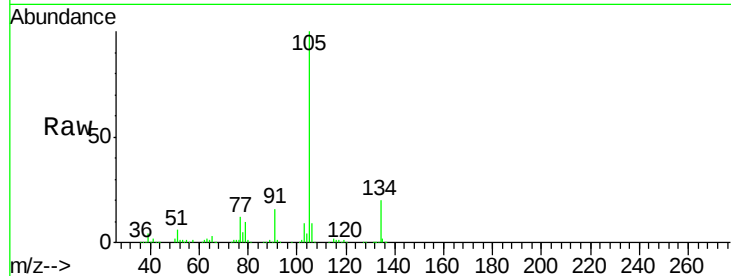
105 100

134 20.3 9.7 29.1

Manual Integrations
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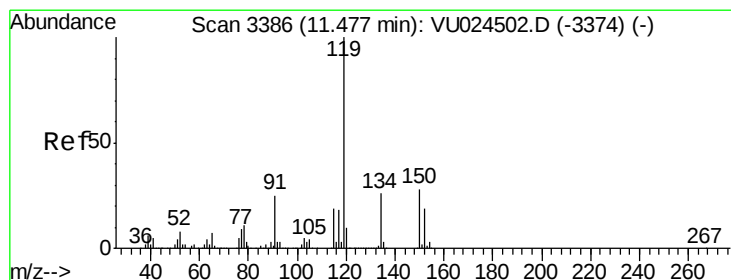
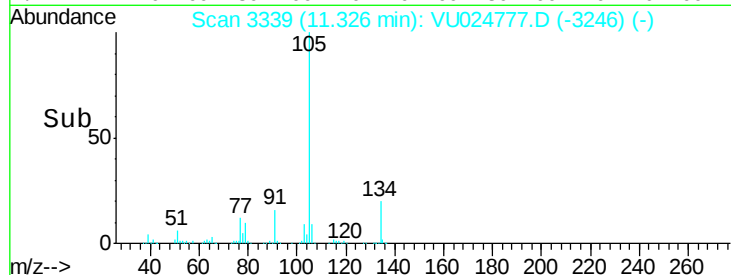
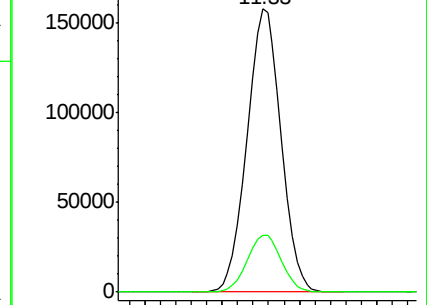
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.86 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

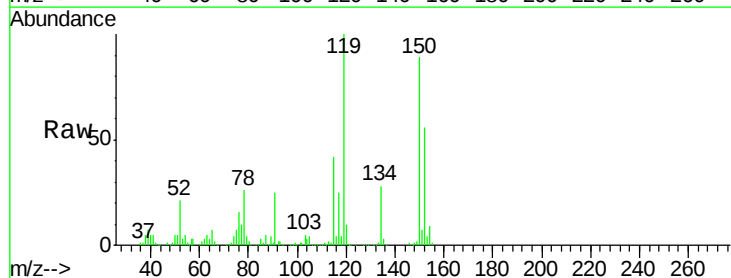
Tgt Ion:119 Resp: 209100

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

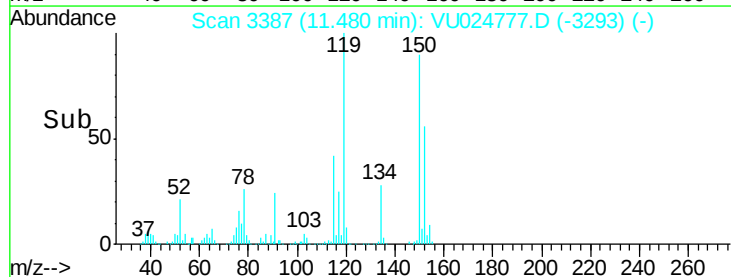
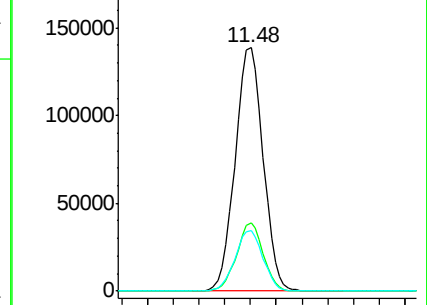
91 24.8 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





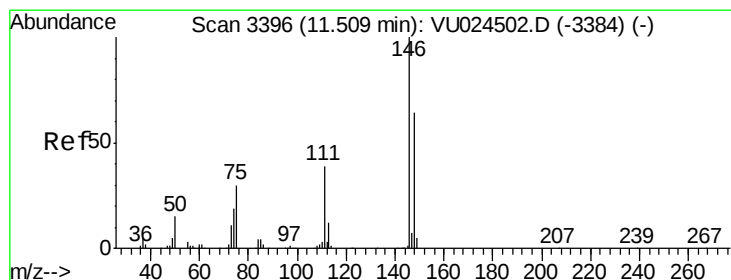
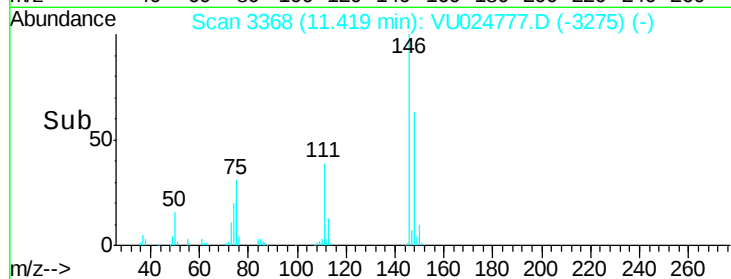
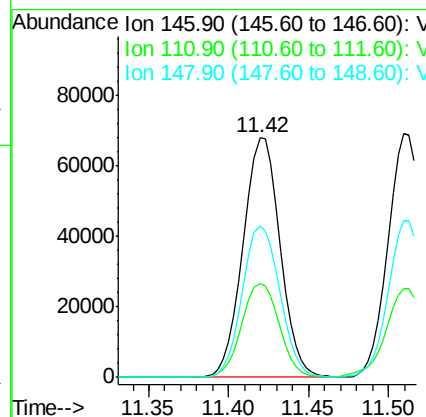
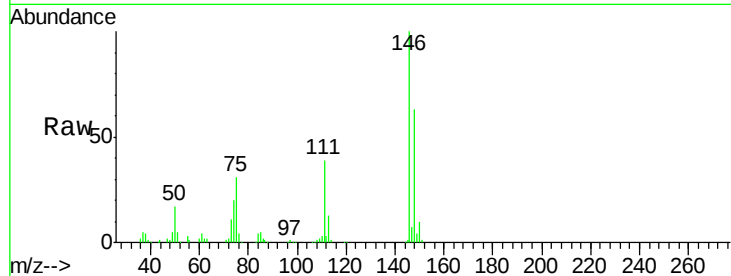
#87
 1,3-Dichlorobenzene
 Concen: 20.34 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	64.1	32.1	96.5

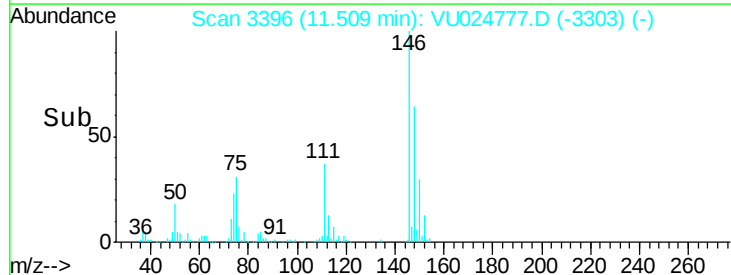
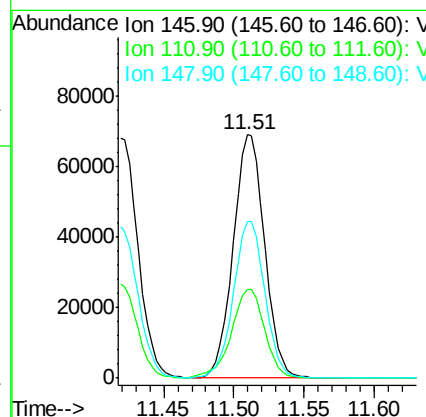
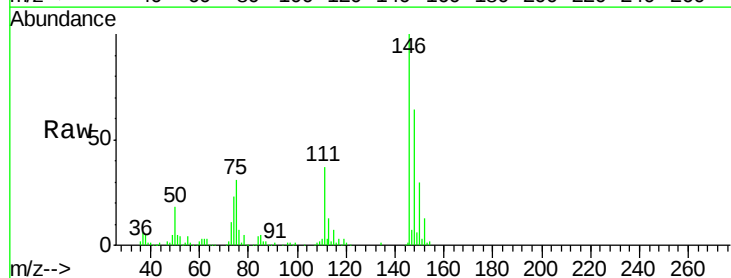
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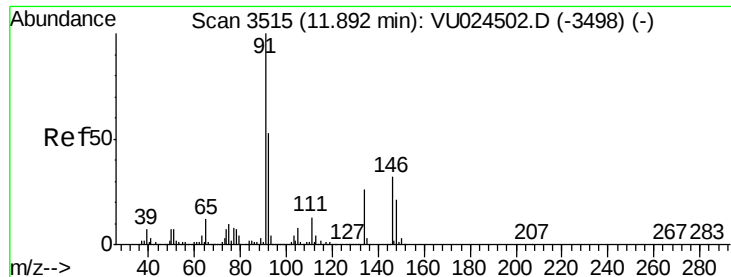
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#88
 1,4-Dichlorobenzene
 Concen: 20.24 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	64.7	32.4	97.0





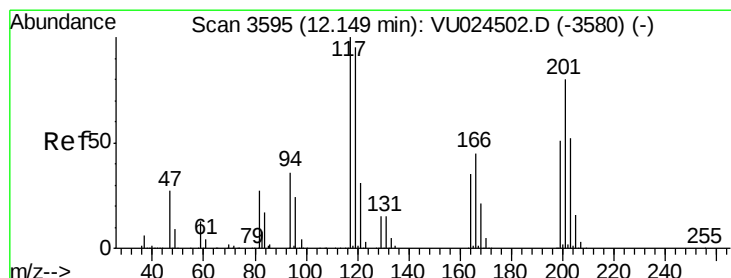
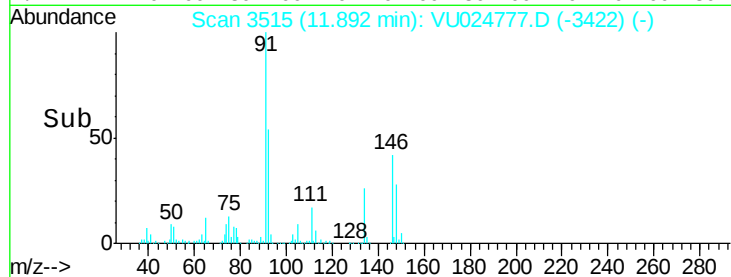
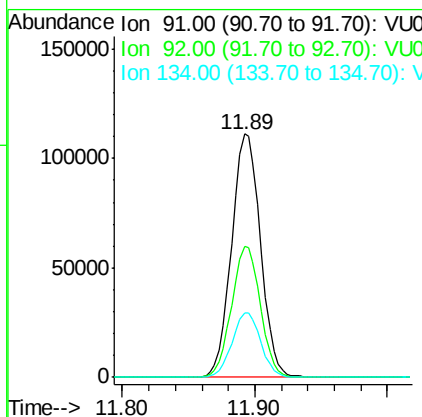
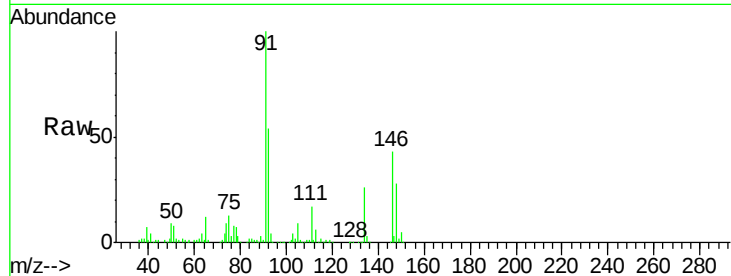
#89
n-Butylbenzene
Concen: 18.00 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	25.6	76.8
134	26.3	12.3	36.8

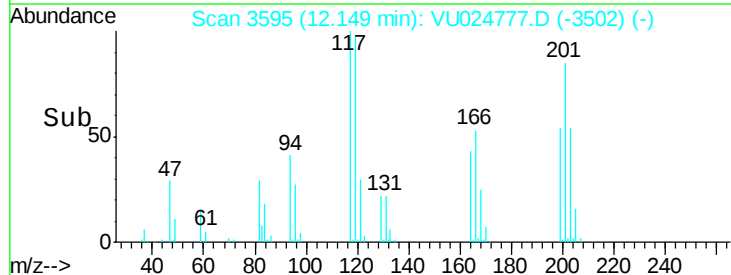
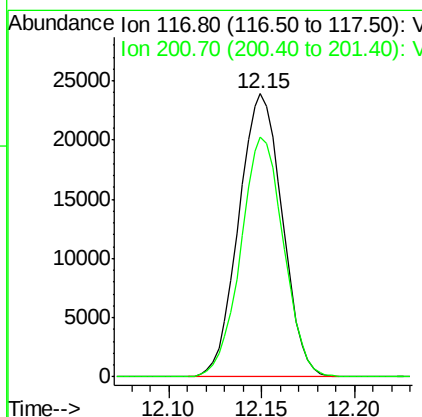
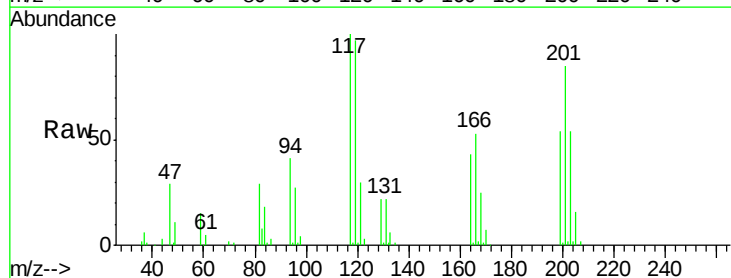
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#90
Hexachloroethane
Concen: 18.99 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024777.D
Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.2	41.1	123.3





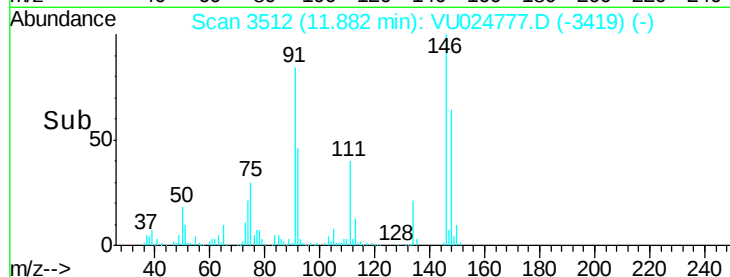
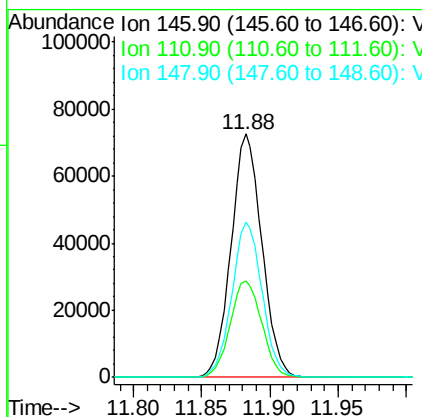
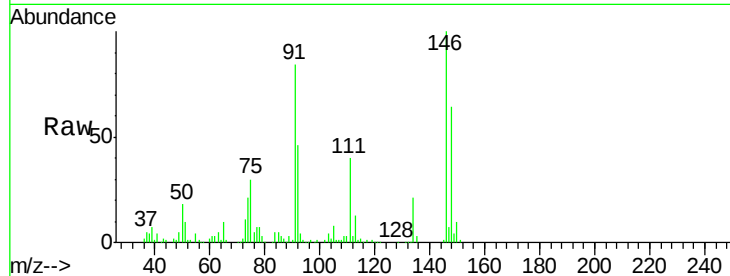
#91
 1,2-Dichlorobenzene
 Concen: 21.56 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	62.6	31.9	95.7

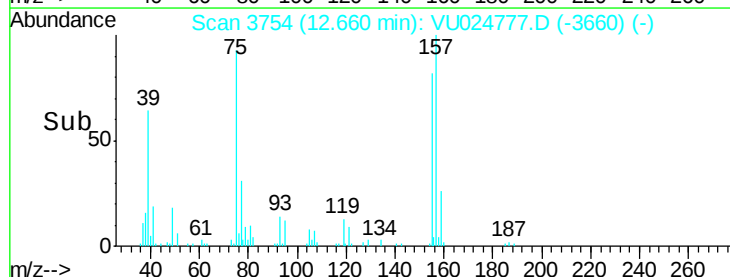
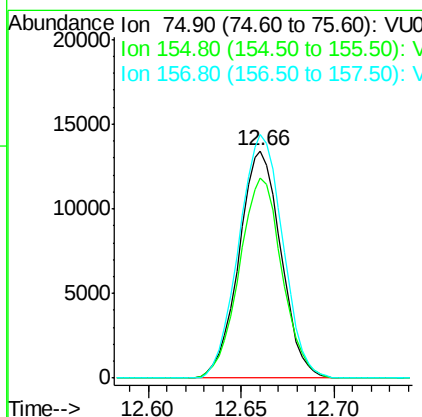
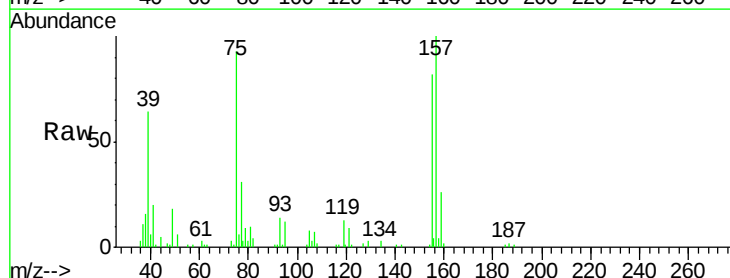
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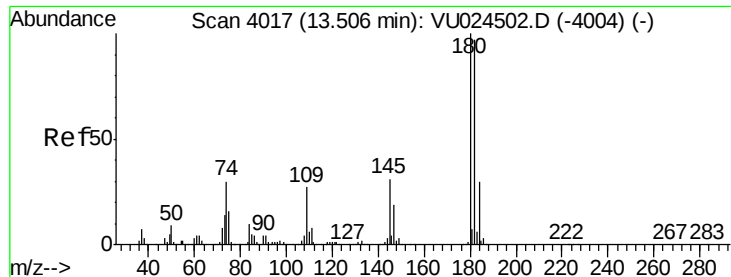
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.26 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	40.4	121.2
157	111.8	52.3	156.8





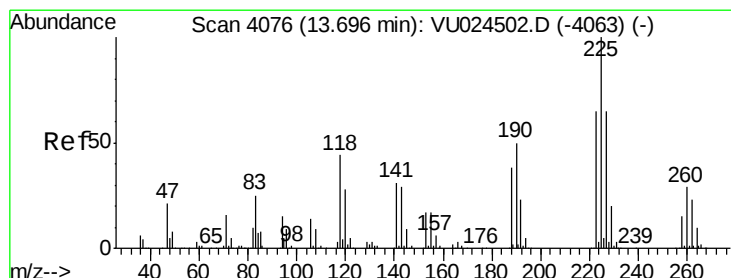
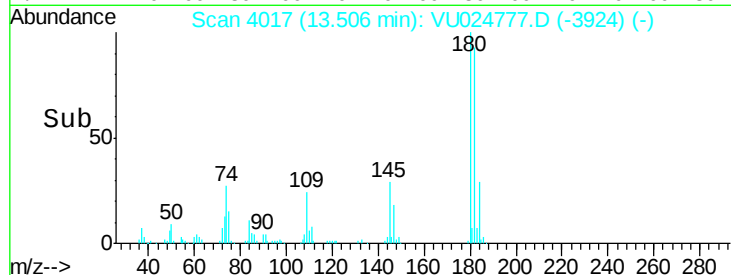
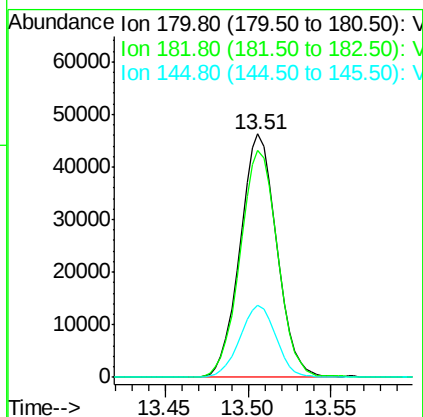
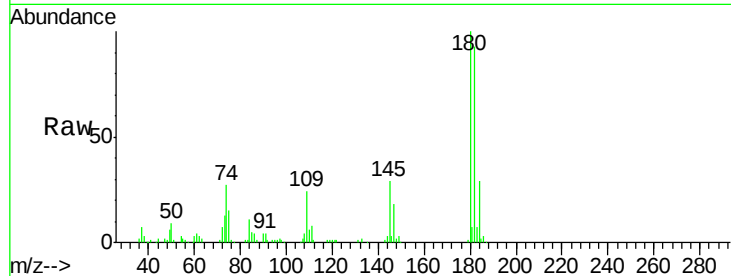
#93
 1,2,4-Trichlorobenzene
 Concen: 21.87 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.2
145	29.4	14.7	44.1

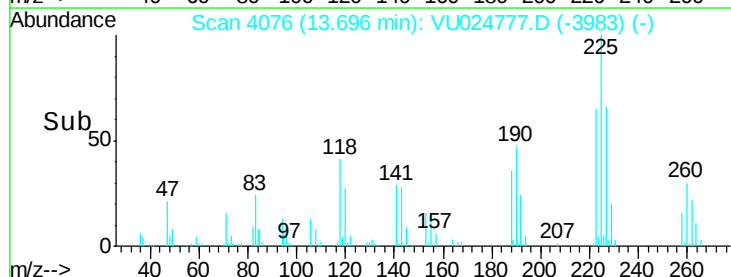
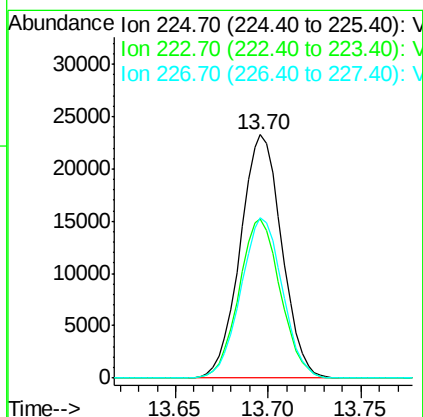
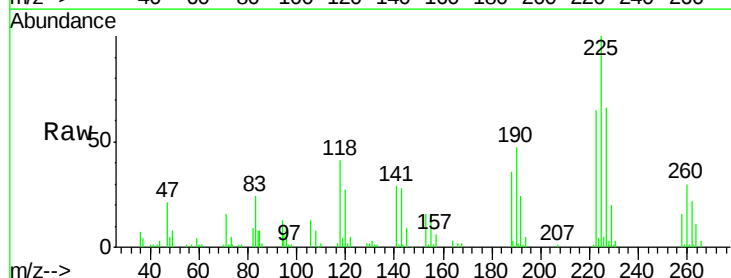
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#94
 Hexachlorobutadiene
 Concen: 19.66 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024777.D
 Acq: 21 Jun 2018 00:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	31.3	93.8
227	66.1	31.8	95.4





#95

Naphthalene

Concen: 23.30 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Instrument :

MSVOA_U

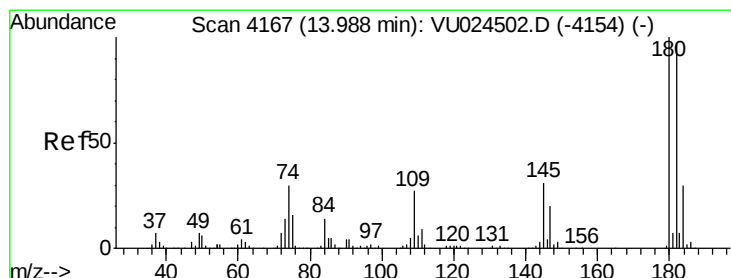
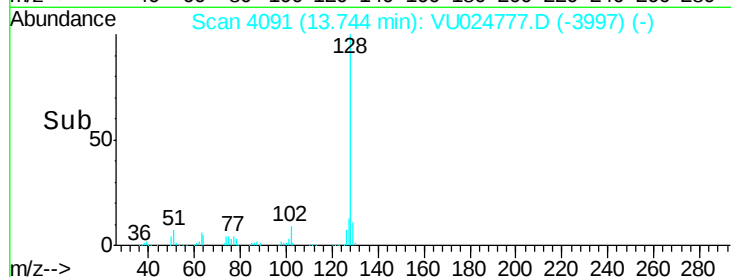
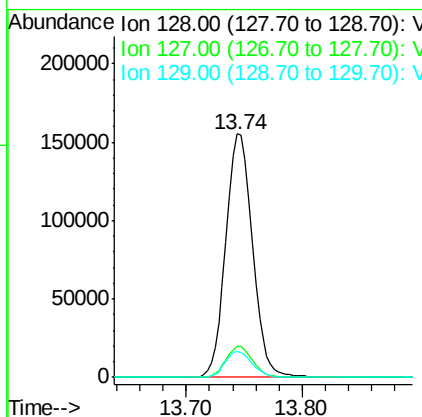
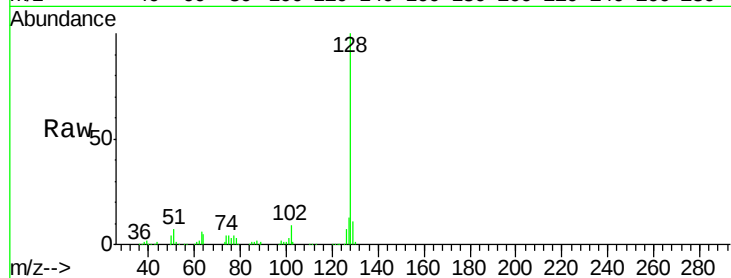
ClientSampleId :

VU0620WBS02

Tot Ion:	128	Resp:	247399
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.7	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 23.54 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024777.D

Acq: 21 Jun 2018 00:00

Tgt Ion:	180	Resp:	76461
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.9	143.7
145	31.5	15.4	46.1

