

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027090.D
 Acq On : 23 Sep 2018 22:15
 Operator : MD/SY
 Sample : J4954-12MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 134 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 4:40:39 PM

Quant Time: Sep 24 09:05:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	74792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	133940	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71019	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	84044	55.83	ug/l	0.00
Spiked Amount			Recovery	=	111.66%	
35) Dibromofluoromethane	4.88	113	58610	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
50) Toluene-d8	7.57	98	224908	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	10.31	95	79731	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	48641	49.811	ug/l	98
3) Chloromethane	1.33	50	85888	51.014	ug/l	99
4) Vinyl Chloride	1.40	62	81868	52.093	ug/l	98
5) Bromomethane	1.62	94	40957	45.765	ug/l	96
6) Chloroethane	1.70	64	52045	51.831	ug/l	99
7) Trichlorofluoromethane	1.89	101	92954	52.077	ug/l	99
8) Diethyl Ether	2.11	74	47790	55.625	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	53548	48.791	ug/l	99
10) Methyl Iodide	2.41	142	56946	41.836	ug/l	100
11) Tert butyl alcohol	2.82	59	92026	266.720	ug/l	100
12) 1,1-Dichloroethene	2.29	96	53082	51.387	ug/l	98
13) Acrolein	2.20	56	44500	239.256	ug/l	99
14) Allyl chloride	2.59	41	115382	55.071	ug/l	95
15) Acrylonitrile	2.94	53	256748	295.247	ug/l	99
16) Acetone	2.32	43	231238	291.975	ug/l	99
17) Carbon Disulfide	2.48	76	167442	49.758	ug/l	99
18) Methyl Acetate	2.62	43	94715	44.207	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	225058	59.288	ug/l	99
20) Methylene Chloride	2.70	84	69606	51.632	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	59245	53.718	ug/l	100
22) Diisopropyl ether	3.57	45	275252	61.422	ug/l	96
23) Vinyl Acetate	3.53	43	817925	214.117	ug/l	99
24) 1,1-Dichloroethane	3.45	63	140590	56.962	ug/l	99
25) 2-Butanone	4.26	43	365204	288.688	ug/l	99
26) 2,2-Dichloropropane	4.23	77	57419	29.830	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	68588	55.068	ug/l	98
28) Bromochloromethane	4.55	49	75056	63.085	ug/l	94
29) Tetrahydrofuran	4.64	42	240459	314.215	ug/l	96
30) Chloroform	4.68	83	124900	54.517	ug/l	99
31) Cyclohexane	5.00	56	124639	55.618	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	102218	55.881	ug/l	99
36) 1,1-Dichloropropene	5.14	75	91731	51.316	ug/l	98
37) Ethyl Acetate	4.38	43	99741	41.217	ug/l	99
38) Carbon Tetrachloride	5.14	117	84051	49.409	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	98288	50.596	ug/l	98
40) Benzene	5.39	78	278999	51.341	ug/l	99
41) Methacrylonitrile	4.54	41	75737	60.263	ug/l	97
42) 1,2-Dichloroethane	5.40	62	110583	53.861	ug/l	100
43) Isopropyl Acetate	5.55	43	176057	49.887	ug/l	97
44) Trichloroethene	6.19	130	58443	50.517	ug/l	99
45) 1,2-Dichloropropane	6.43	63	83454	53.897	ug/l	99
46) Dibromomethane	6.56	93	47988	51.316	ug/l	99
47) Bromodichloromethane	6.76	83	100030	52.900	ug/l	98
48) Methyl methacrylate	6.62	41	104068	54.094	ug/l	98
49) 1,4-Dioxane	6.61	88	33816	886.264	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	709456	298.899	ug/l	99
52) Toluene	7.64	92	167665	53.827	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	106025	52.187	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	109170	48.871	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	70294	53.259	ug/l	99
56) Ethyl methacrylate	8.02	69	117453	51.231	ug/l	97
57) 1,3-Dichloropropane	8.24	76	133800	54.505	ug/l	99
59) 2-Hexanone	8.36	43	539151	290.182	ug/l	99
60) Dibromochloromethane	8.48	129	69275	53.509	ug/l	100
61) 1,2-Dibromoethane	8.59	107	71694	52.207	ug/l	100
64) Tetrachloroethene	8.23	164	46919	45.630	ug/l	96
65) Chlorobenzene	9.12	112	170449	48.174	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	62599	51.367	ug/l	98
67) Ethyl Benzene	9.25	91	311879	53.605	ug/l	99
68) m/p-Xylenes	9.38	106	229552	97.461	ug/l	98
69) o-Xylene	9.78	106	111486	54.082	ug/l	98
70) Styrene	9.79	104	177036	46.140	ug/l	99
71) Bromoform	9.96	173	49952	53.005	ug/l #	100
73) Isopropylbenzene	10.17	105	302233	55.945	ug/l	100
74) N-amyl acetate	10.01	43	131602	42.084	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	125055	50.347	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	112490m	52.138	ug/l	
77) Bromobenzene	10.45	156	68246	51.695	ug/l	95
78) n-propylbenzene	10.59	91	360337	56.371	ug/l	99
79) 2-Chlorotoluene	10.66	91	215959	53.786	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	247095	55.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	28729m	42.612	ug/l	
82) 4-Chlorotoluene	10.77	91	246449	54.741	ug/l	98
83) tert-Butylbenzene	11.10	119	241446	54.763	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	255118	56.213	ug/l	99
85) sec-Butylbenzene	11.32	105	297697	55.314	ug/l	99
86) p-Isopropyltoluene	11.48	119	249341	49.385	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	122503	49.866	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	124418	46.468	ug/l	99
89) n-Butylbenzene	11.89	91	226043	46.357	ug/l	99
90) Hexachloroethane	12.14	117	50082	51.172	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	125497	48.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28325	55.899	ug/l	95
93) 1,2,4-Trichlorobenzene	13.50	180	79809	53.071	ug/l	100

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	36375	45.715	ug/l	98
95) Naphthalene	13.74	128	303510	51.565	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	86277	53.499	ug/l	99

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

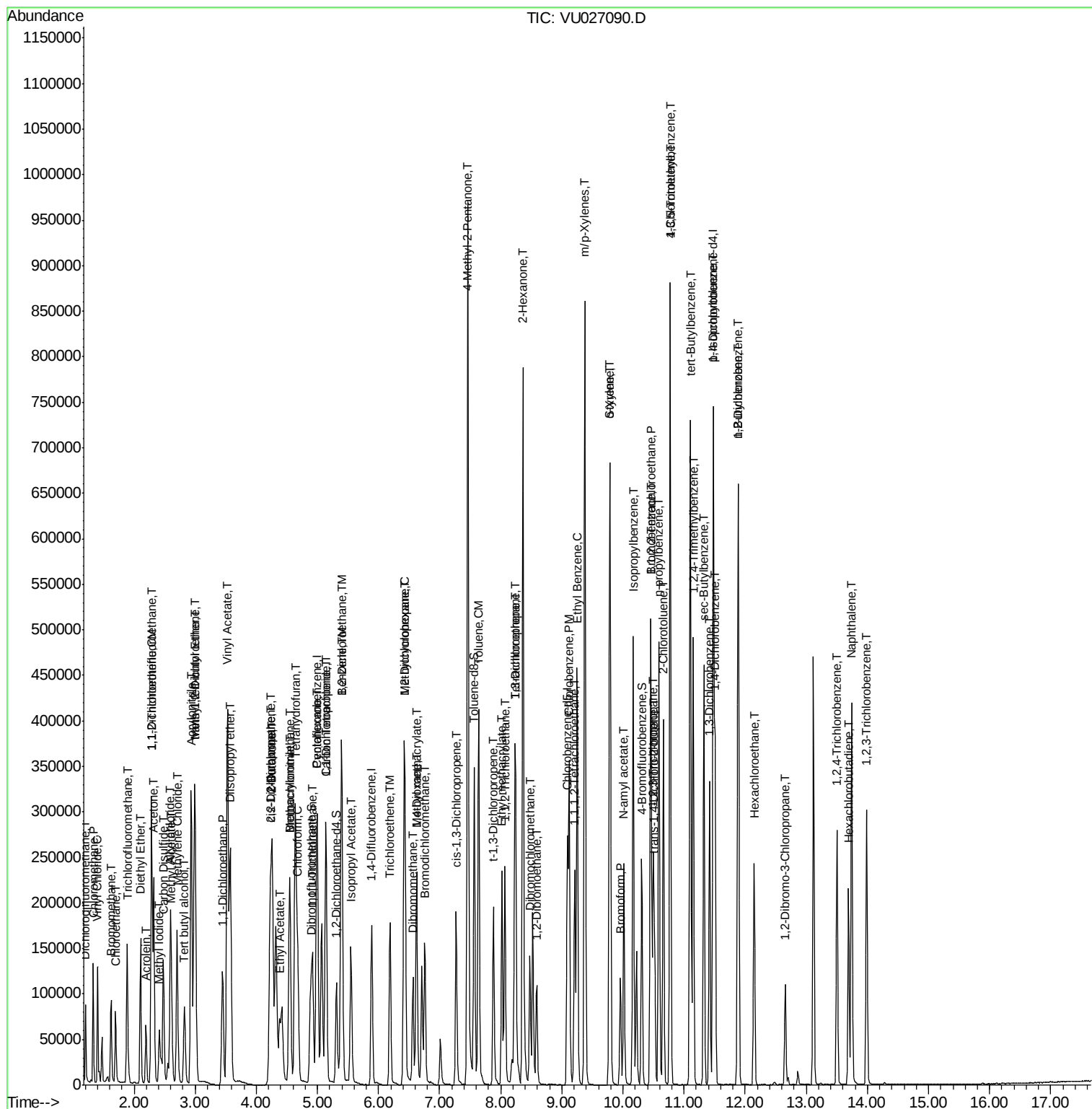
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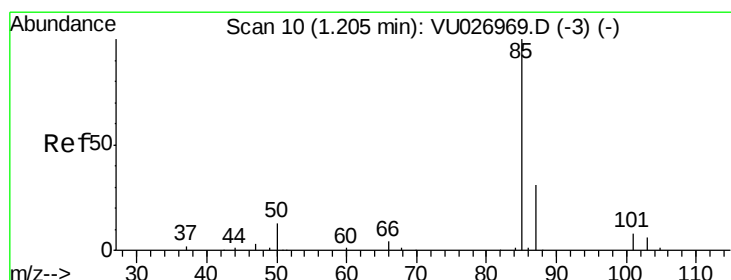
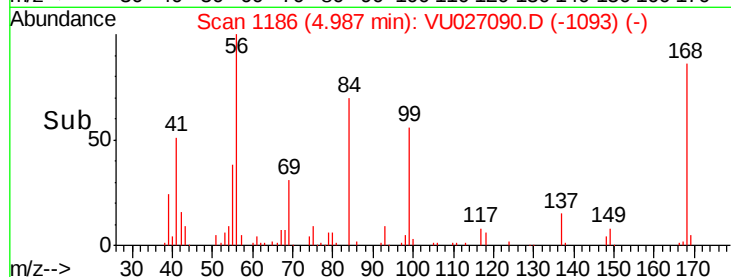
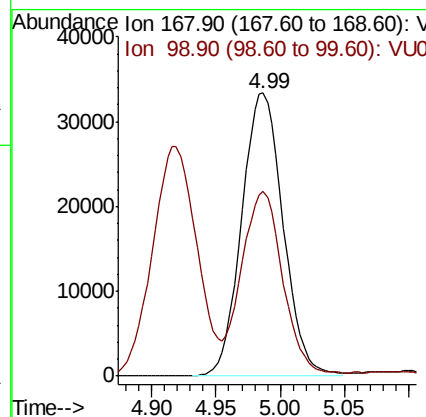
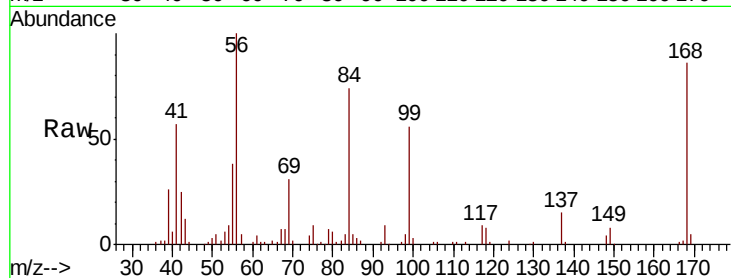
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

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MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion:168 Resp: 74792
Ion Ratio Lower Upper
168 100
99 63.8 48.1 72.1

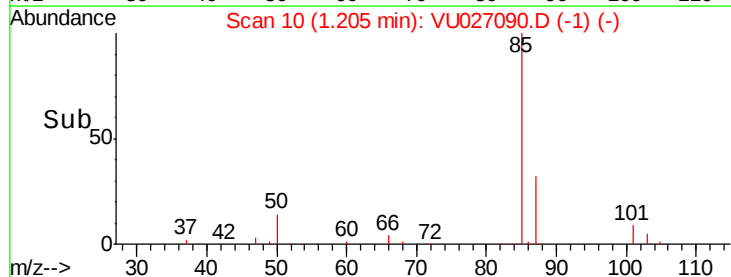
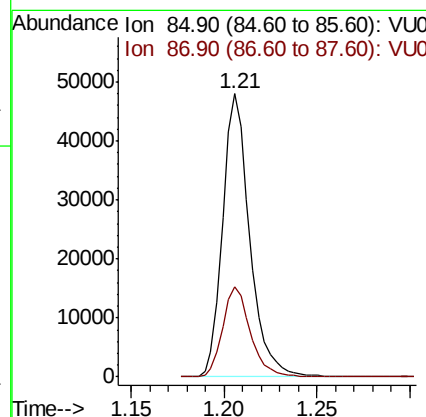
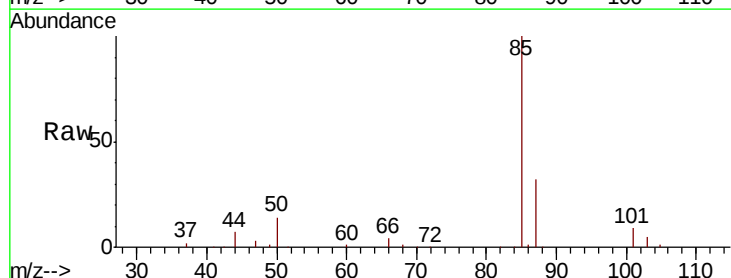
Manual Integrations
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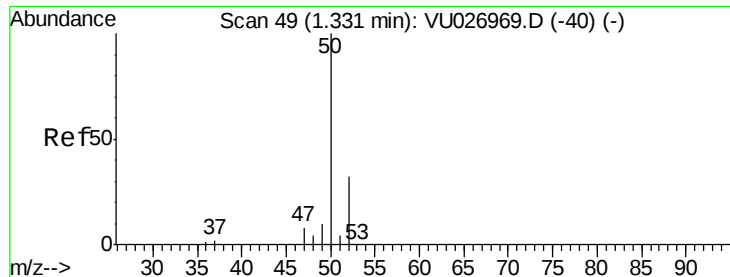
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#2
Dichlorodifluoromethane
Concen: 49.811 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion: 85 Resp: 48641
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.7





#3

Chloromethane

Concen: 51.014 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

Tot Ion: 50 Resp: 85888

Ion Ratio Lower Upper

50 100

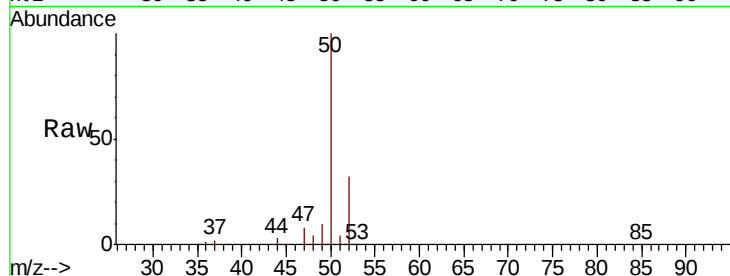
52 31.6 25.9 38.9

Manual Integrations

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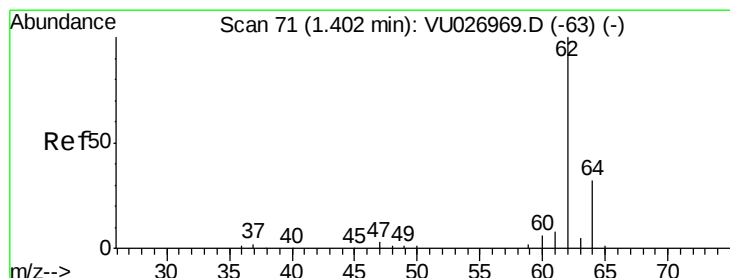
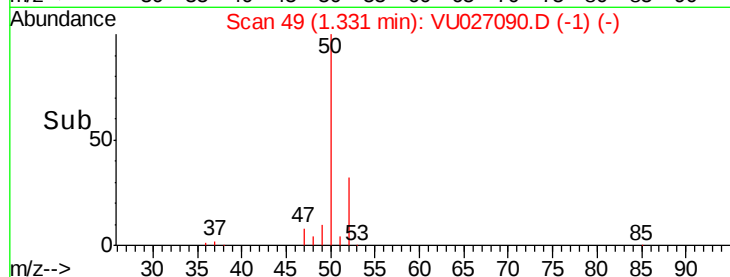
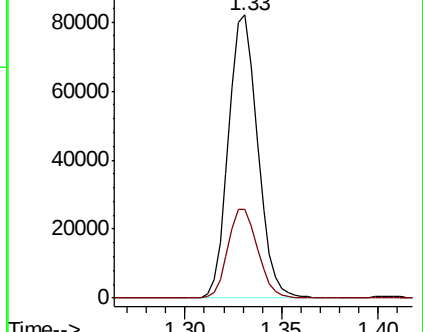
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Abundance Ion 49.90 (49.60 to 50.60): VU026969.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027090.D (-1) (-)



#4

Vinyl Chloride

Concen: 52.093 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027090.D

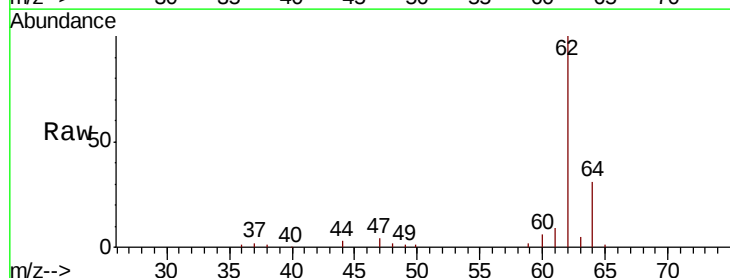
Acq: 23 Sep 2018 22:15

Tgt Ion: 62 Resp: 81868

Ion Ratio Lower Upper

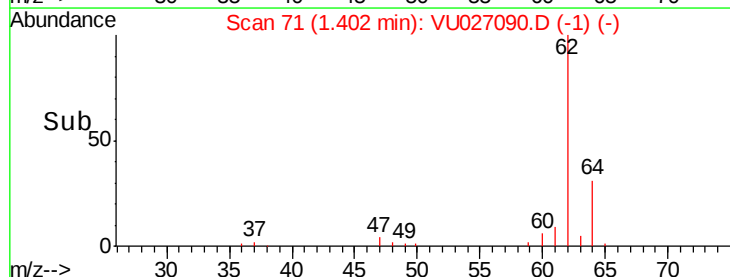
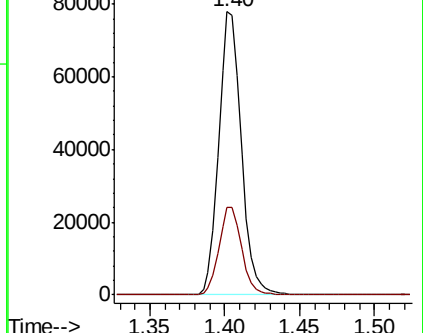
62 100

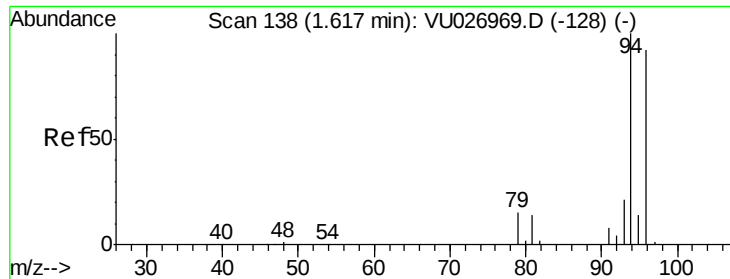
64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU027090.D (-1) (-)





#5

Bromomethane

Concen: 45.765 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 94 Resp: 40957

Ion Ratio Lower Upper

94 100

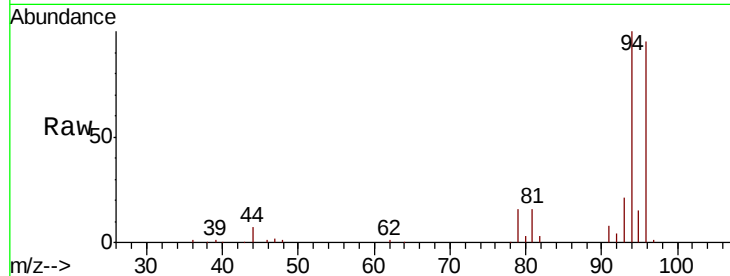
96 95.2 73.2 109.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VU026969.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU026969.D (-128) (-)

1.62

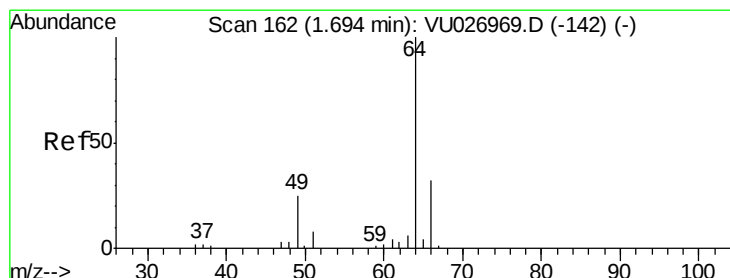
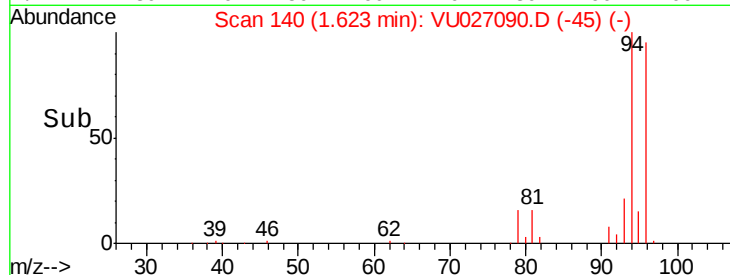
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20000

10000

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Time-->



#6

Chloroethane

Concen: 51.831 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027090.D

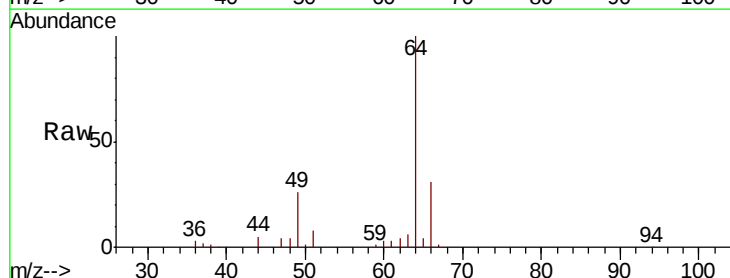
Acq: 23 Sep 2018 22:15

Tgt Ion: 64 Resp: 52045

Ion Ratio Lower Upper

64 100

66 31.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.70

40000

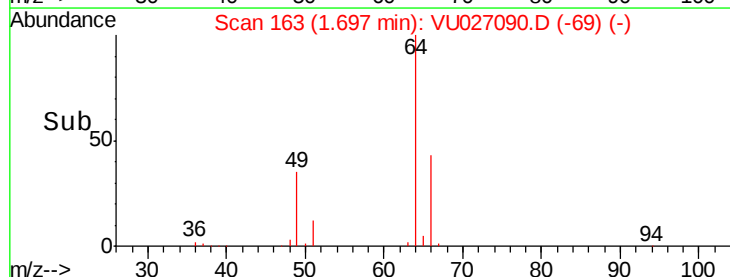
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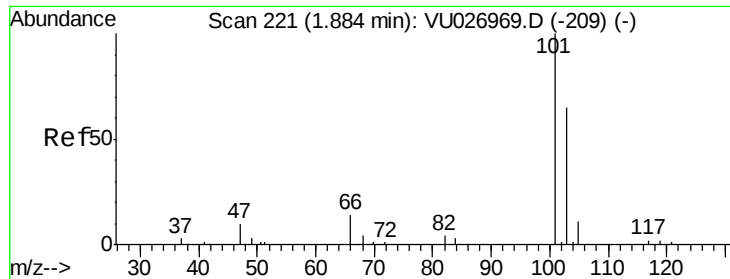
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#7

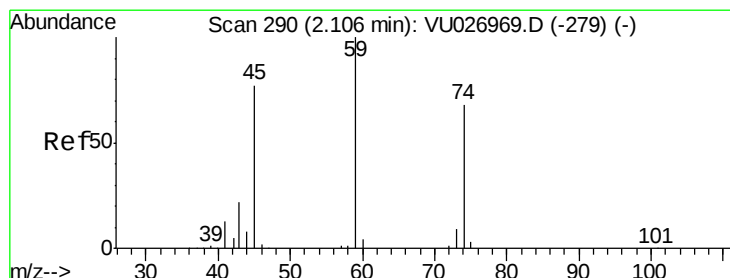
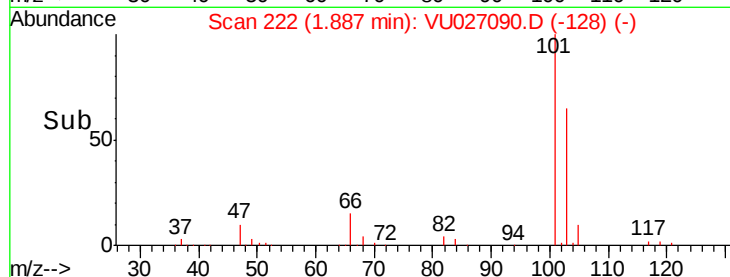
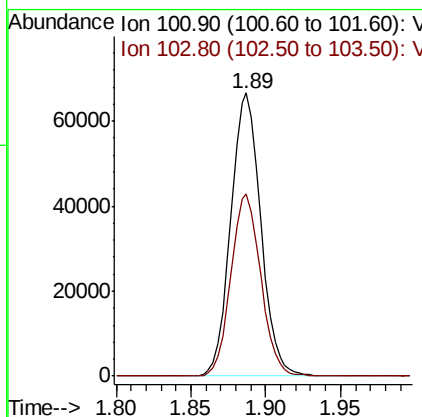
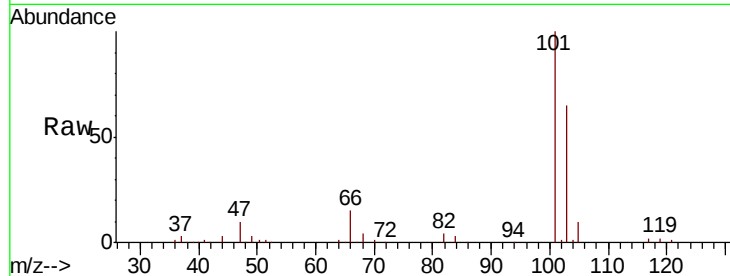
Trichlorofluoromethane
Concen: 52.077 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027090.D
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Tot Ion:101 Resp: 92954
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2

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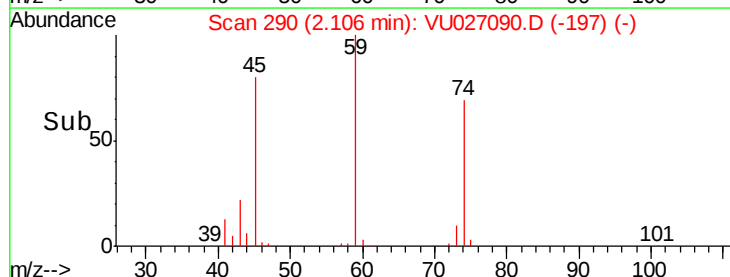
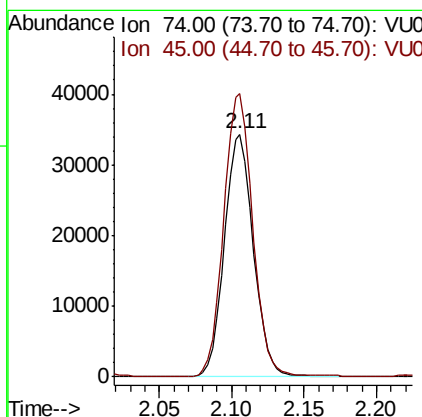
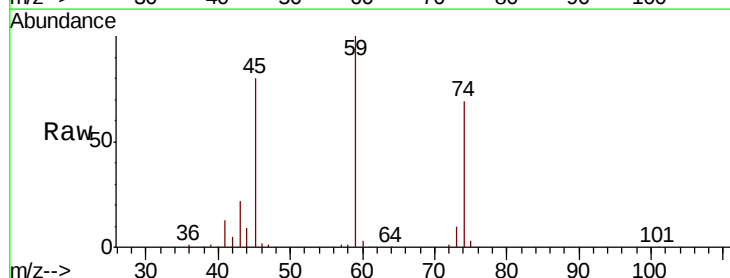
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#8

Diethyl Ether
Concen: 55.625 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion: 74 Resp: 47790
Ion Ratio Lower Upper
74 100
45 117.5 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.791 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

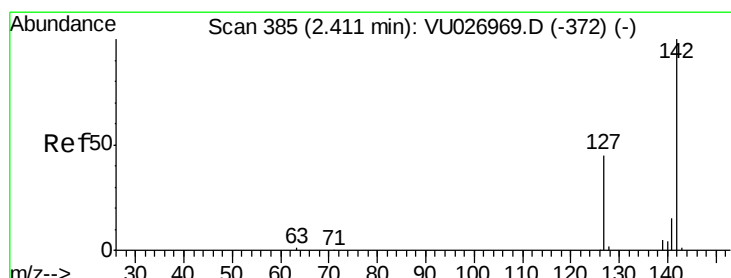
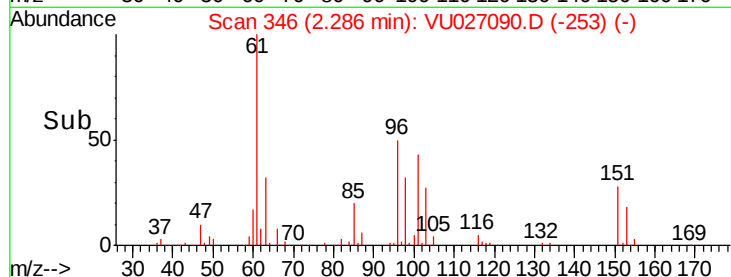
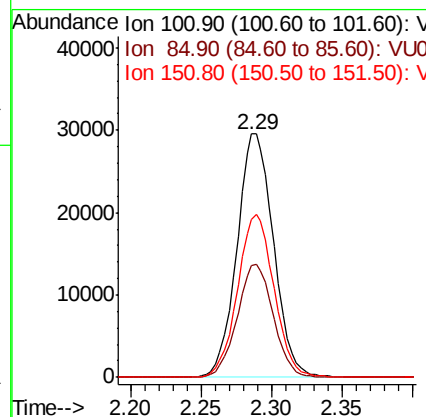
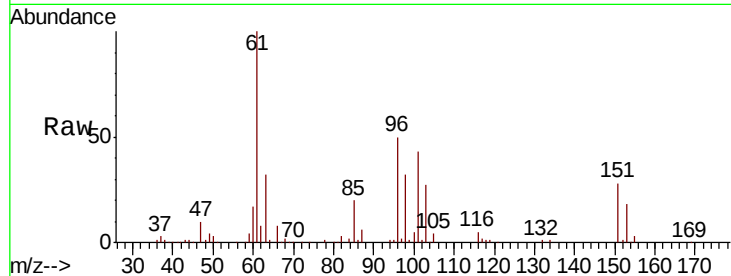
ClientSampleId :

SA-SW204-20180914MSD

Tot Ion:	101	Resp:	53548
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.2	54.2
151	66.8	54.5	81.7

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#10

Methyl Iodide

Concen: 41.836 ug/l

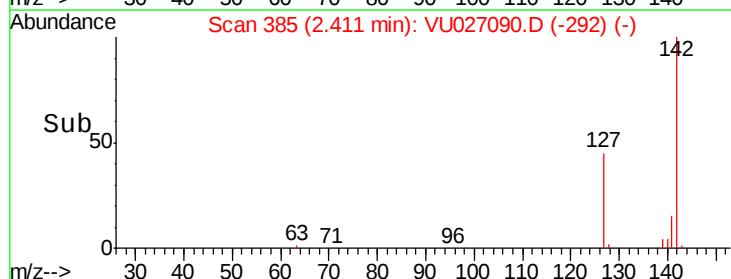
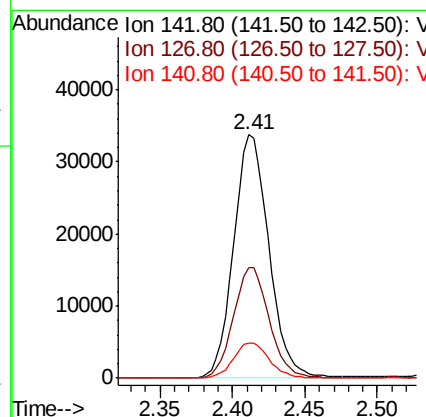
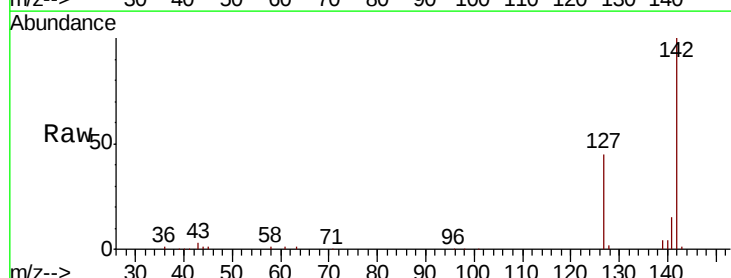
RT: 2.41 min Scan# 385

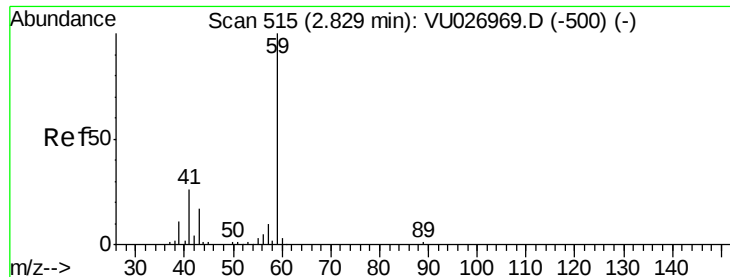
Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion:	142	Resp:	56946
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.7	55.1
141	14.5	11.8	17.6





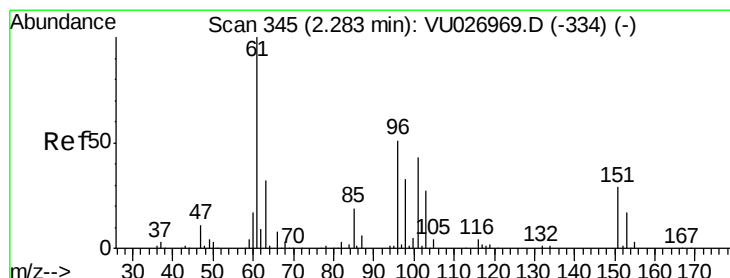
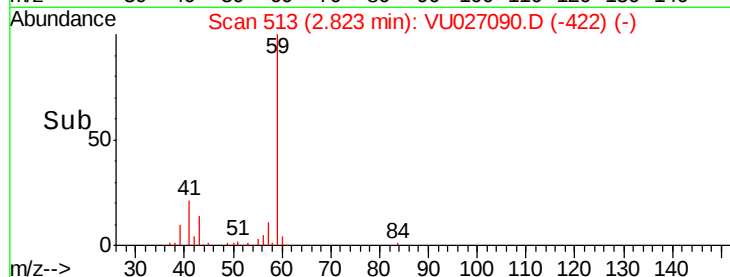
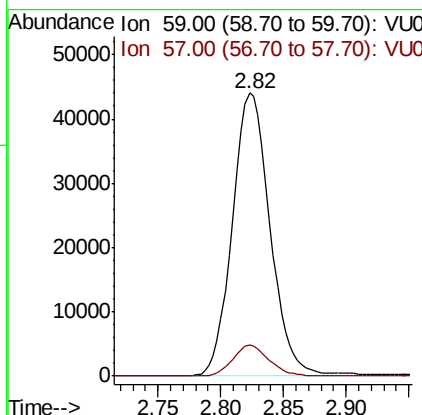
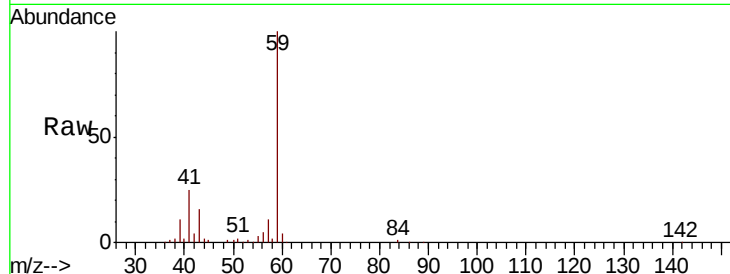
#11
Tert butyl alcohol
Concen: 266.720 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.01 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

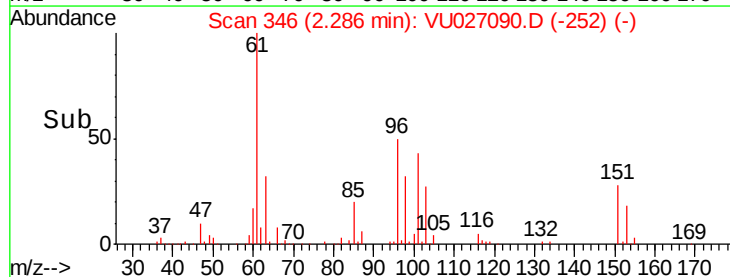
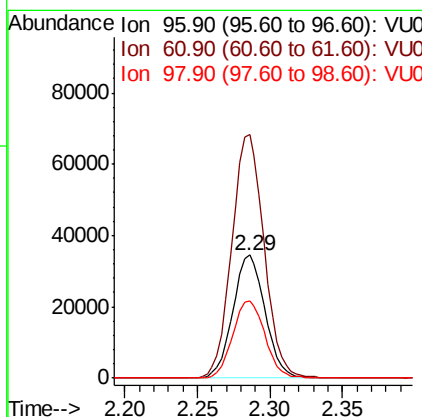
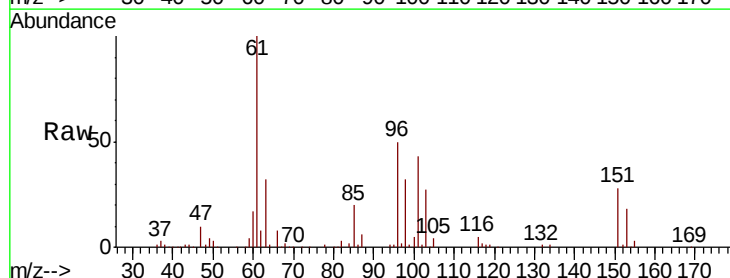
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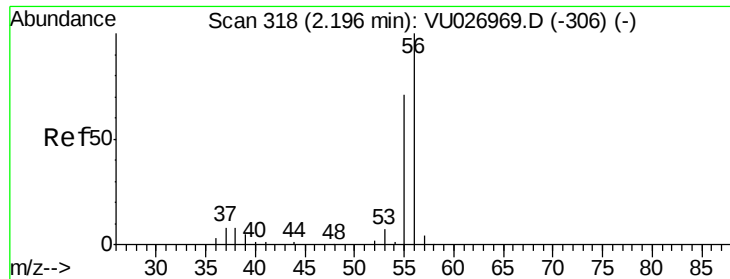
MMDadoda
9/24/2018 4:40:39 PM



#12
1,1-Dichloroethene
Concen: 51.387 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	198.0	156.1	234.1
98	62.9	51.4	77.0





#13

Acrolein

Concen: 239.256 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

Tot Ion: 56 Resp: 44500

Ion Ratio Lower Upper

56 100

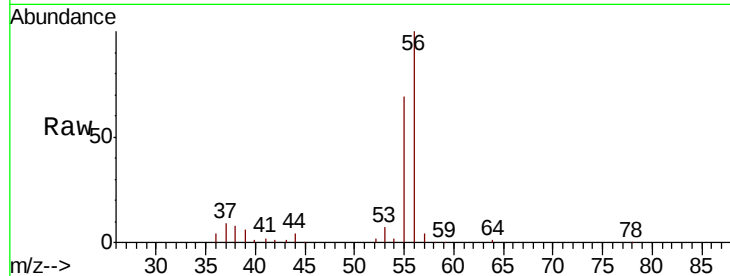
55 70.8 57.1 85.7

Manual Integrations

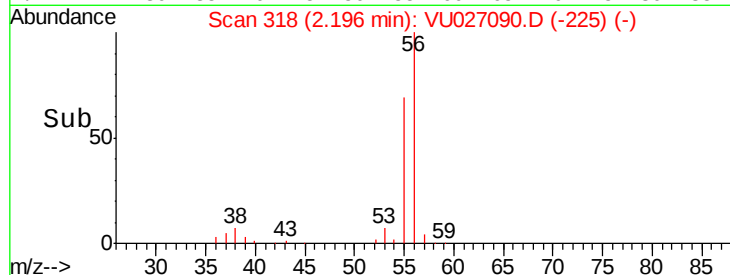
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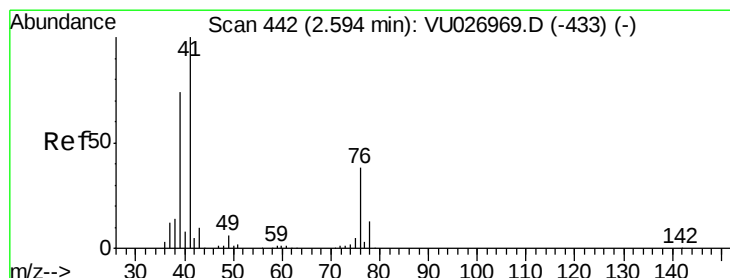
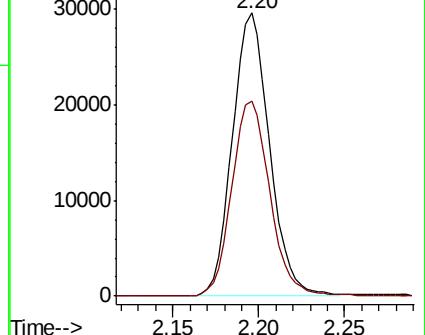
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Abundance Ion 56.00 (55.70 to 56.70): VU027090.D (-225) (-)



Ion 55.00 (54.70 to 55.70): VU027090.D (-225) (-)



#14

Allyl chloride

Concen: 55.071 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

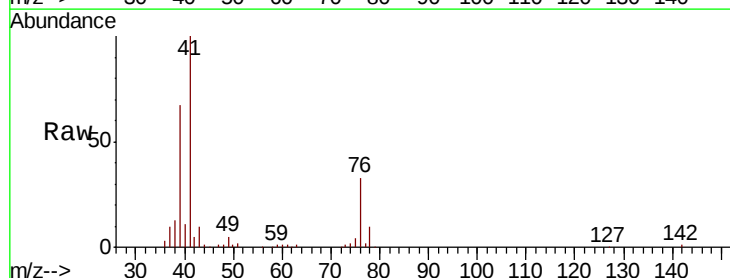
Tgt Ion: 41 Resp: 115382

Ion Ratio Lower Upper

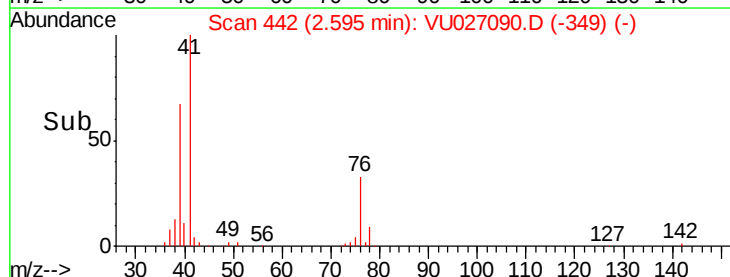
41 100

39 65.1 55.7 83.5

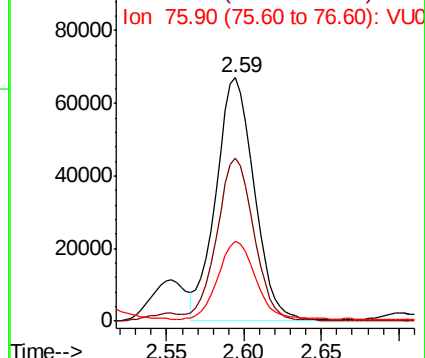
76 31.8 26.5 39.7

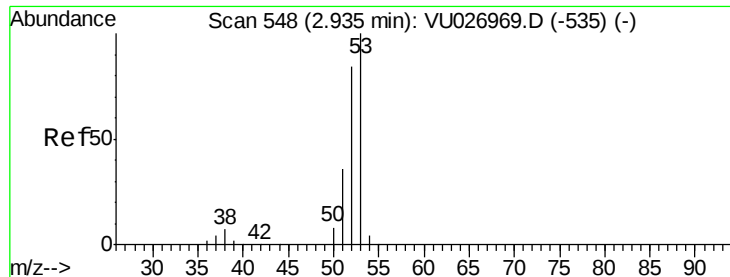


Abundance Ion 41.00 (40.70 to 41.70): VU027090.D (-349) (-)



Ion 39.00 (38.70 to 39.70): VU027090.D (-349) (-)





#15

Acrylonitrile

Concen: 295.247 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

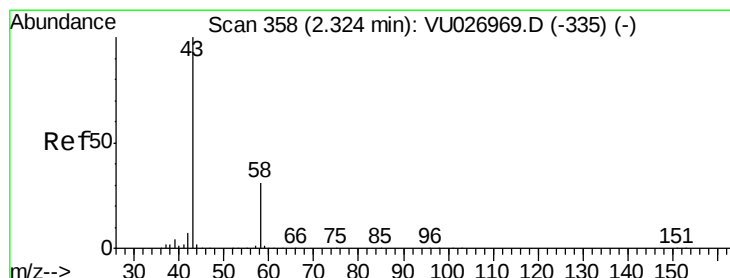
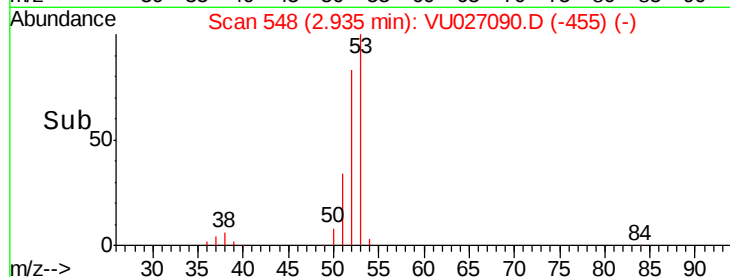
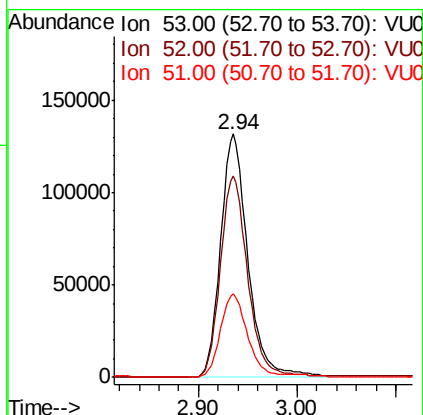
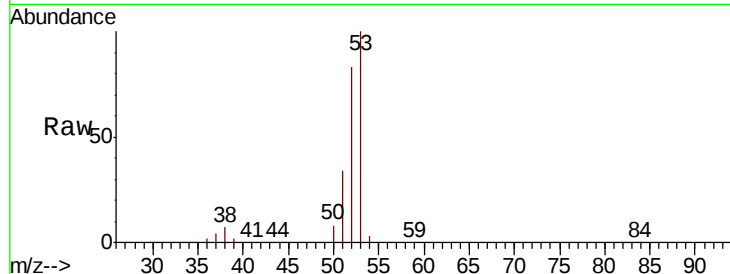
ClientSampleId :

SA-SW204-20180914MSD

Tot Ion:	53	Resp:	256748
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.7	98.5
51	33.7	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 291.975 ug/l

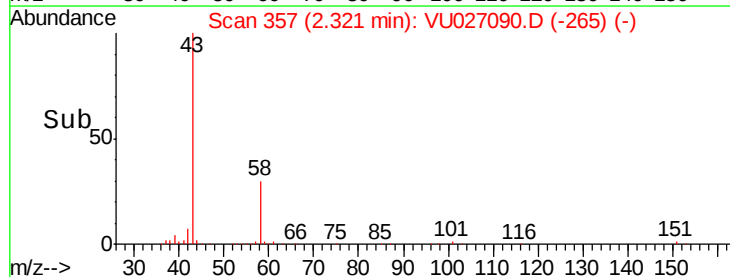
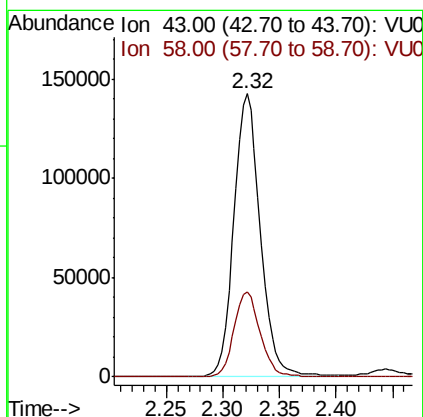
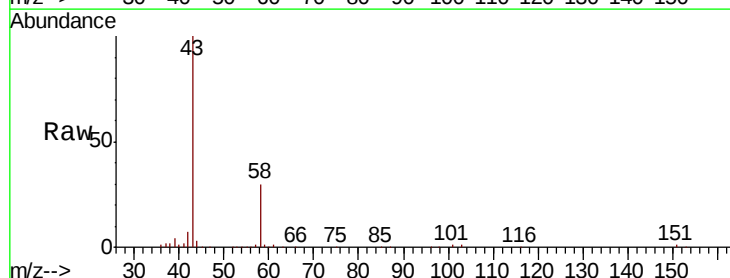
RT: 2.32 min Scan# 357

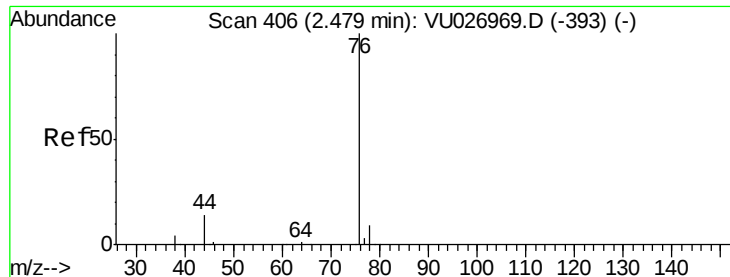
Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion:	43	Resp:	231238
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.6	36.8





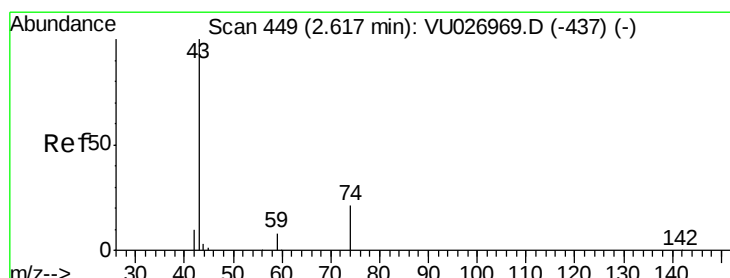
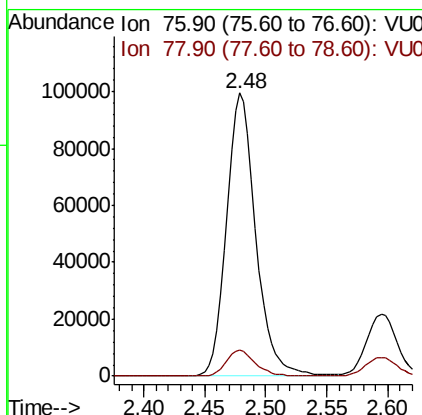
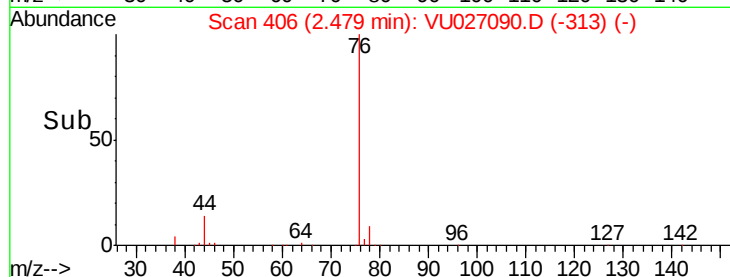
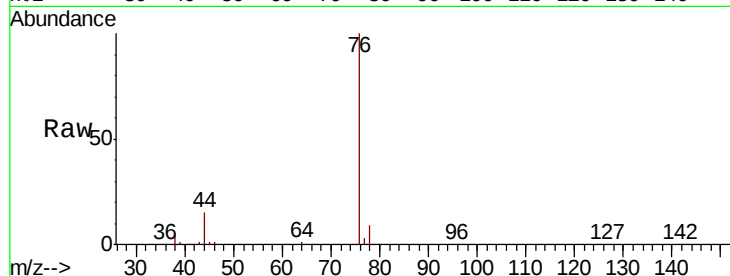
#17
Carbon Disulfide
Concen: 49.758 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion: 76 Resp: 167442
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

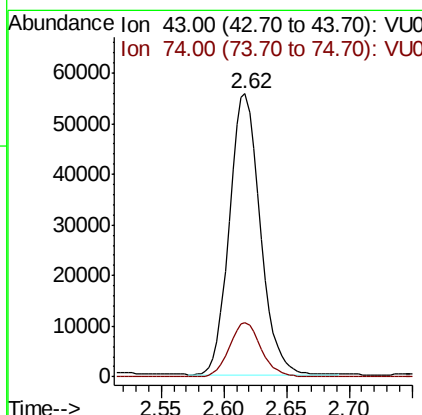
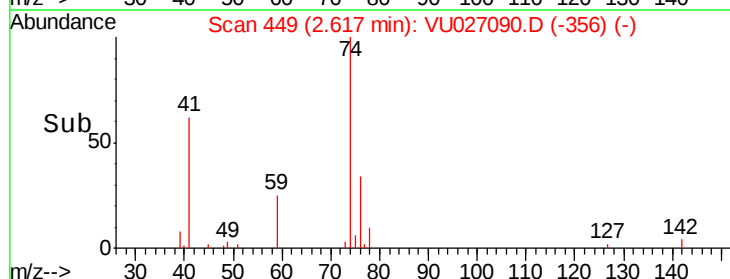
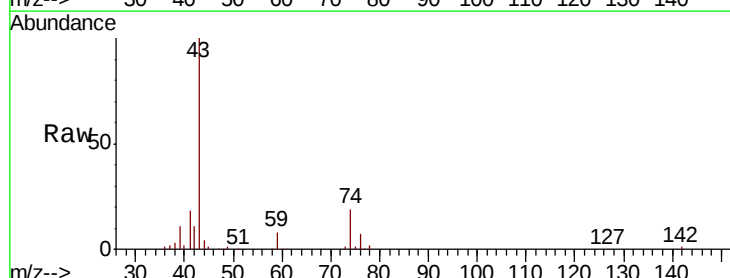
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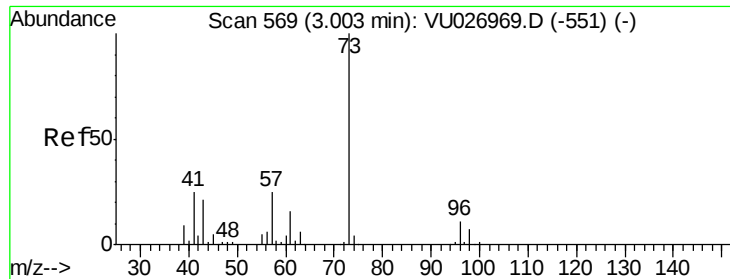
MMDadoda
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#18
Methyl Acetate
Concen: 44.207 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion: 43 Resp: 94715
Ion Ratio Lower Upper
43 100
74 20.0 16.6 25.0





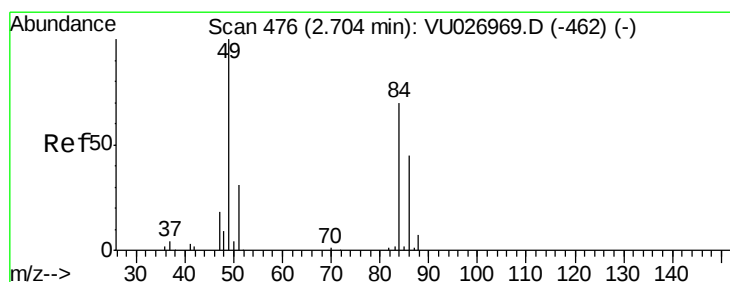
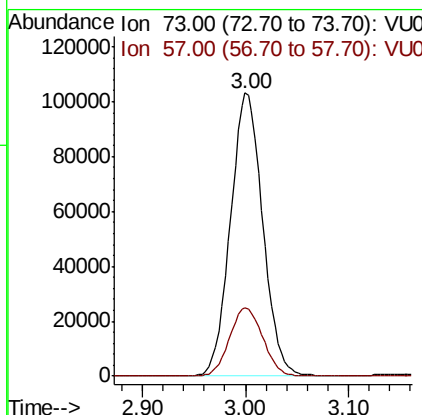
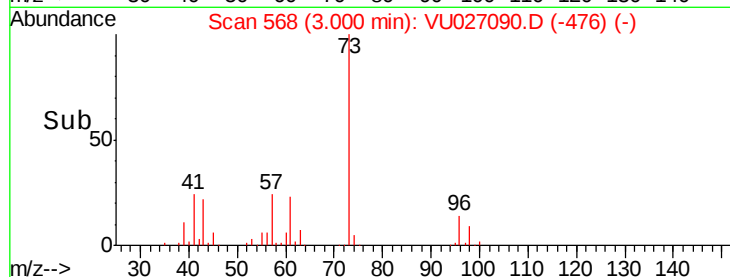
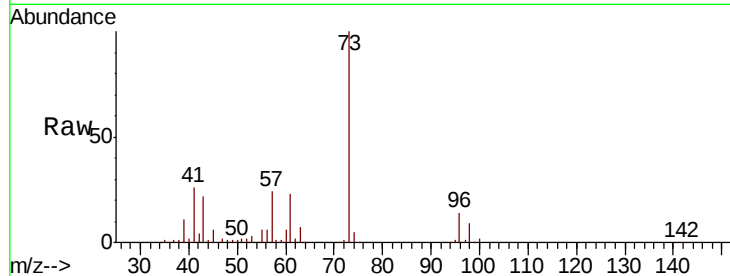
#19
Methyl tert-butyl Ether
Concen: 59.288 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.2	19.8	29.6

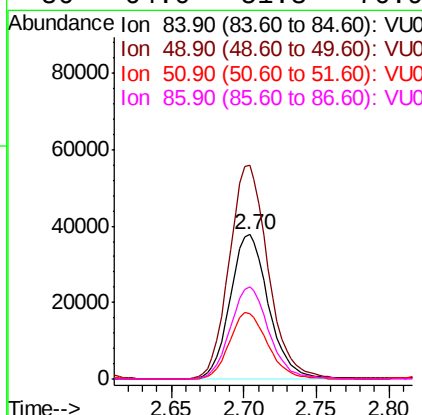
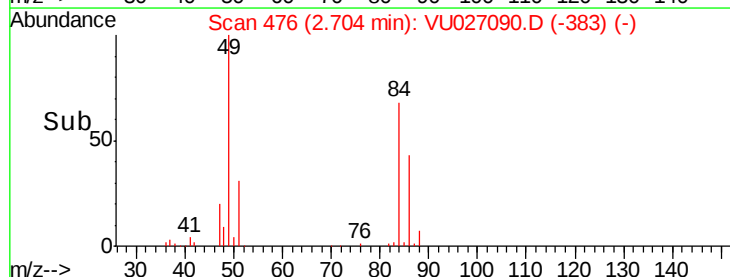
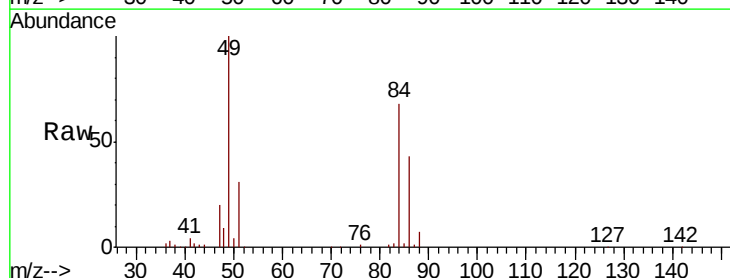
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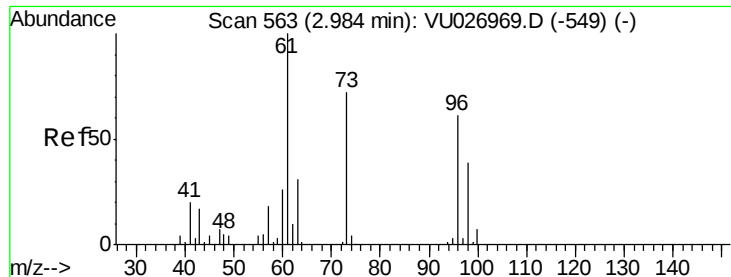
MMDadoda
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#20
Methylene Chloride
Concen: 51.632 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	148.1	114.9	172.3
51	45.6	35.8	53.8
86	64.0	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 53.718 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

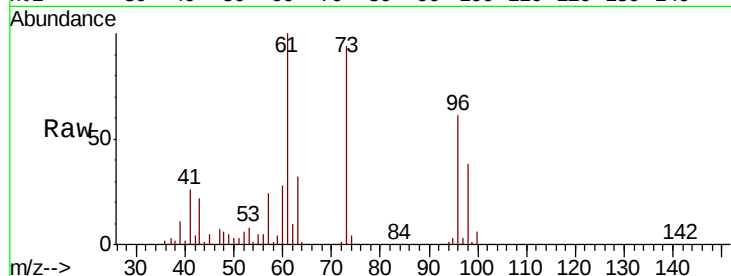
ClientSampleId :

SA-SW204-20180914MSD

Tot Ion:	96	Resp:	59245
Ion	Ratio	Lower	Upper
96	100		
61	164.6	131.8	197.6
98	63.3	50.9	76.3

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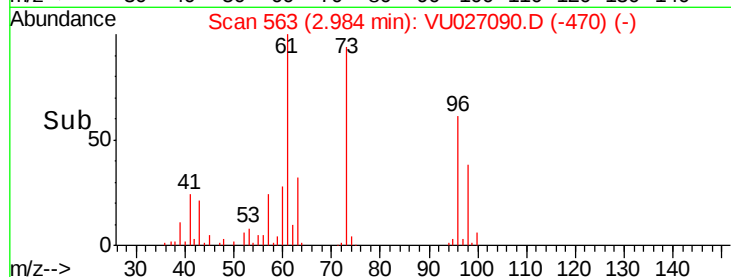


Abundance Ion 95.90 (95.60 to 96.60): VU026969.D (-549) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-549) (-)

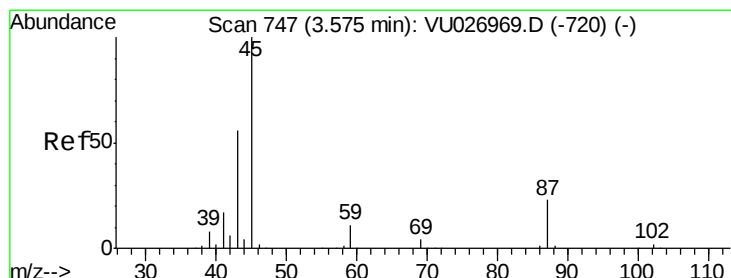
Ion 97.90 (97.60 to 98.60): VU026969.D (-549) (-)

Time-->



Abundance

Time-->



#22

Diisopropyl ether

Concen: 61.422 ug/l

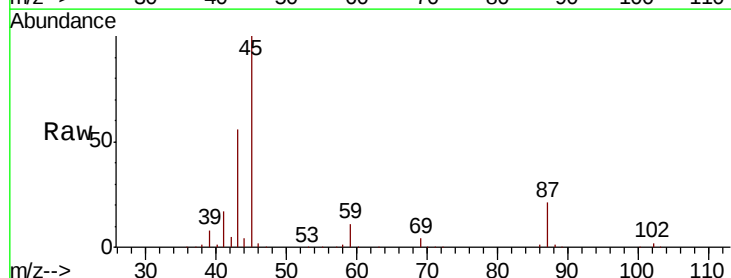
RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion:	45	Resp:	275252
Ion	Ratio	Lower	Upper
45	100		
43	54.0	45.8	68.6
87	21.1	18.6	28.0
59	11.0	9.0	13.4



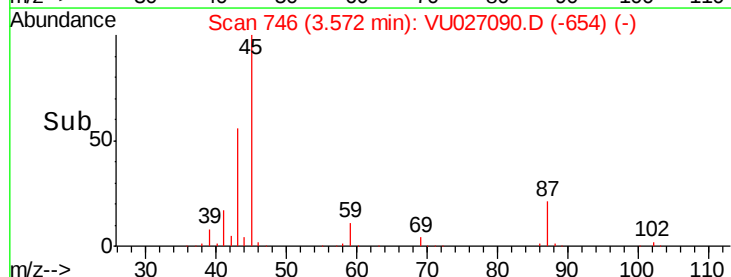
Abundance Ion 45.00 (44.70 to 45.70): VU026969.D (-720) (-)

Ion 43.00 (42.70 to 43.70): VU026969.D (-720) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-720) (-)

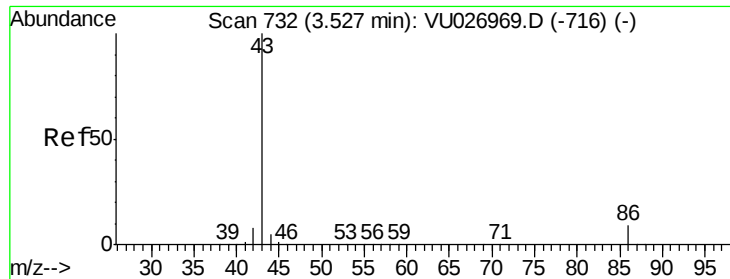
Ion 59.00 (58.70 to 59.70): VU026969.D (-720) (-)

Time-->



Abundance

Time-->



#23

Vinyl Acetate

Concen: 214.117 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

Tot Ion: 43 Resp: 817925

Ion Ratio Lower Upper

43 100

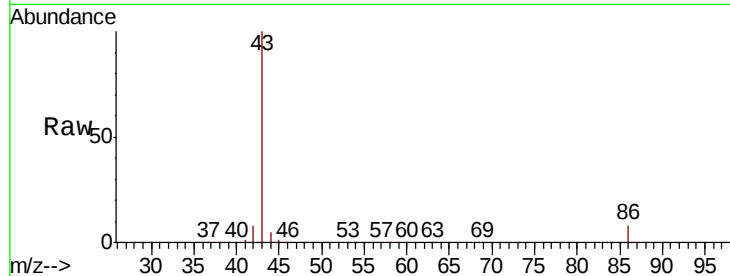
86 8.5 7.2 10.8

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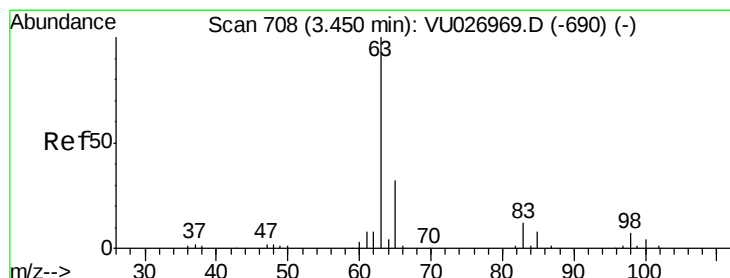
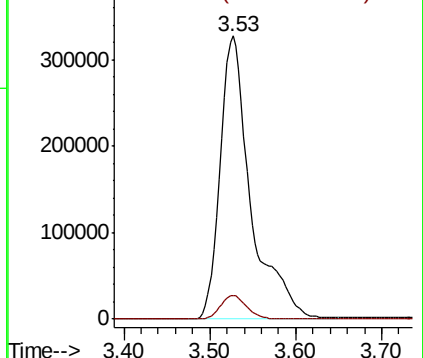
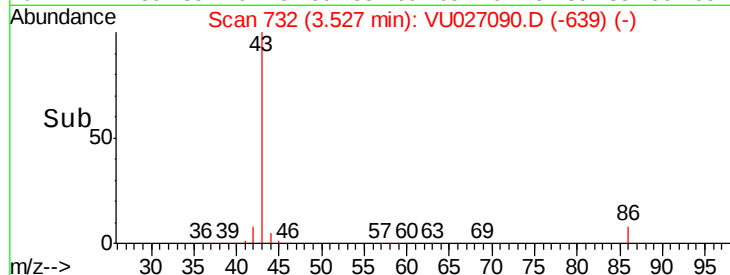
MMDadoda

9/24/2018 4:40:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VU027090.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027090.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 56.962 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

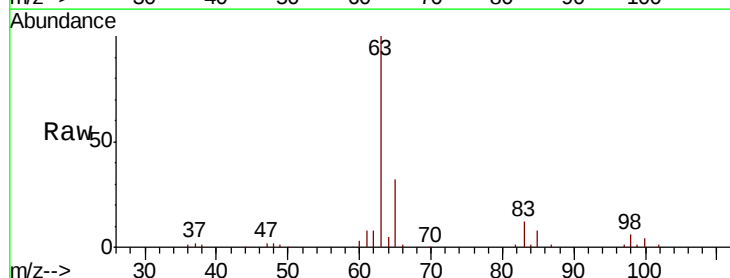
Tgt Ion: 63 Resp: 140590

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

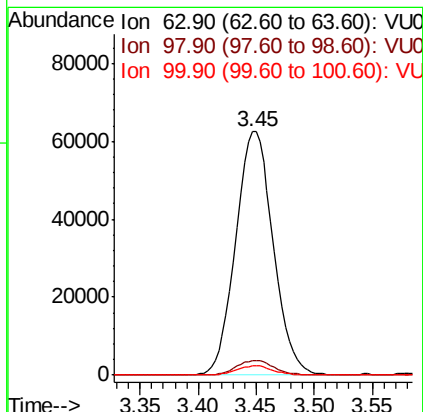
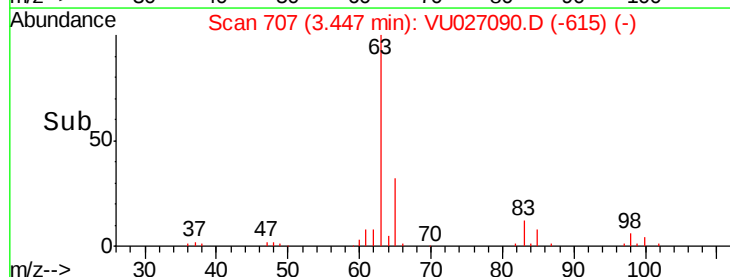
100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027090.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027090.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027090.D (-615) (-)





#25

2-Butanone

Concen: 288.688 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

Tot Ion: 43 Resp: 365204

Ion Ratio Lower Upper

43 100

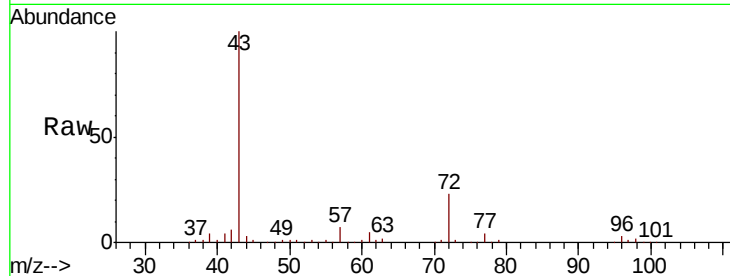
72 22.5 18.4 27.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-936) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-936) (-)

4.26

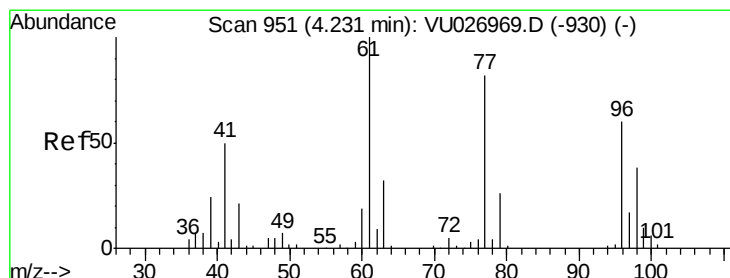
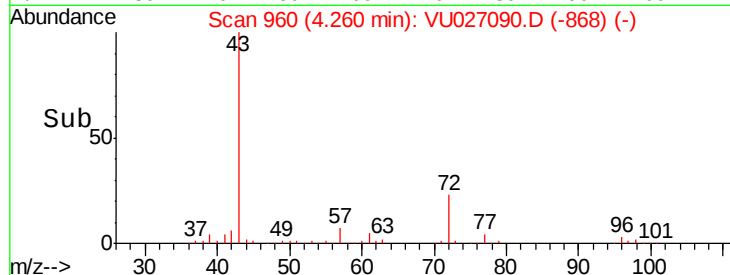
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 29.830 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027090.D

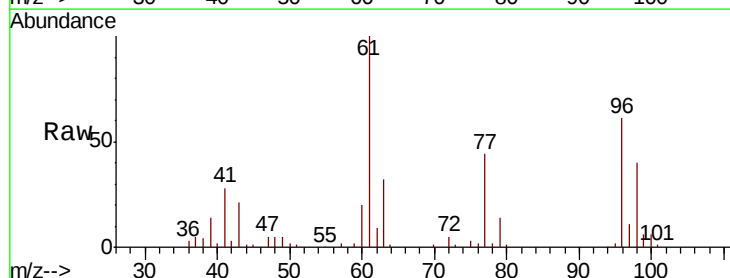
Acq: 23 Sep 2018 22:15

Tgt Ion: 77 Resp: 57419

Ion Ratio Lower Upper

77 100

97 23.0 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU026969.D (-930) (-)

Ion 96.90 (96.60 to 97.60): VU026969.D (-930) (-)

4.23

20000

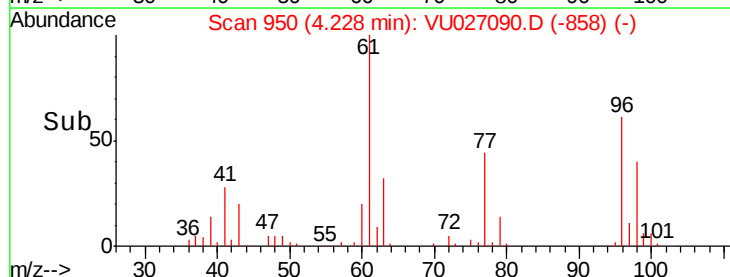
15000

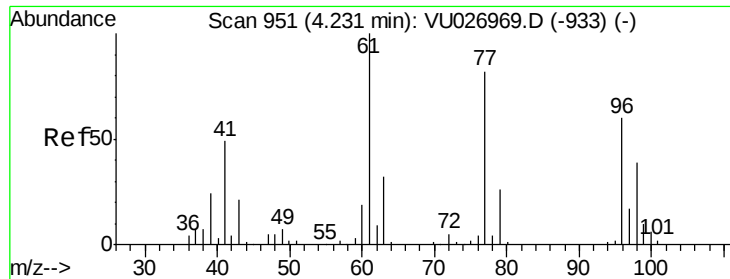
10000

5000

0

Time-->





#27

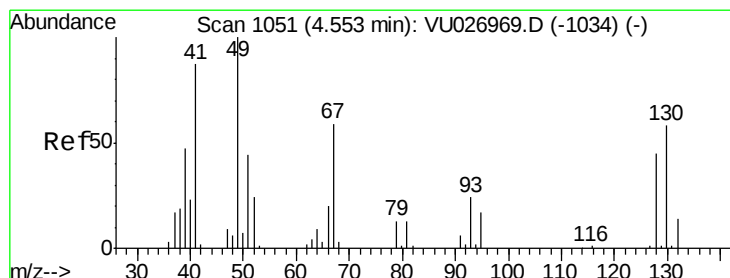
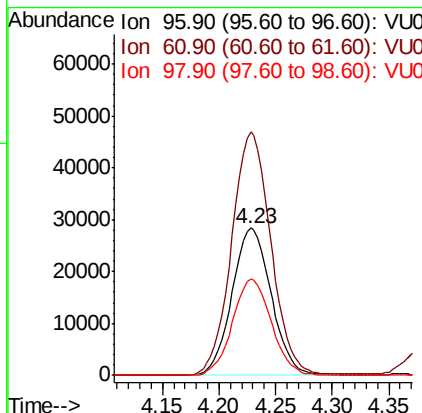
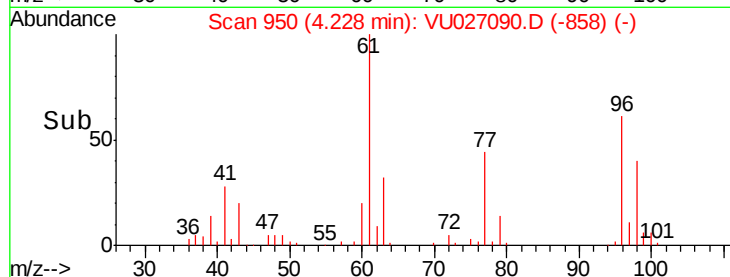
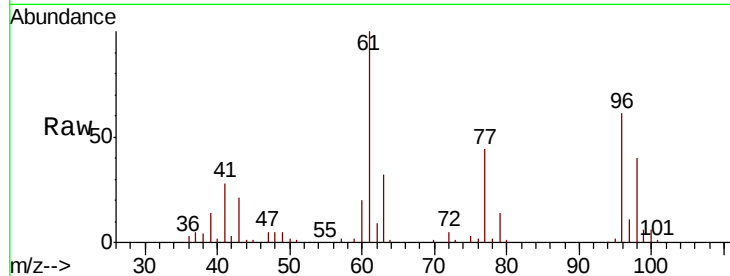
cis-1,2-Dichloroethene
 Concen: 55.068 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.5	0.0	337.2
98	64.9	0.0	127.6

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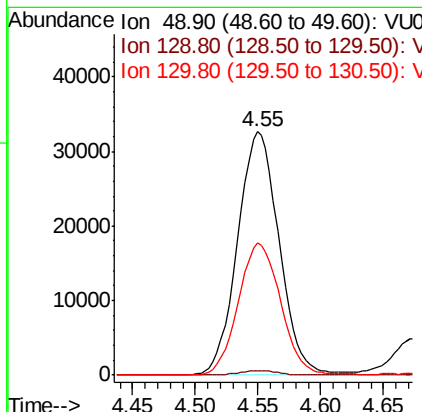
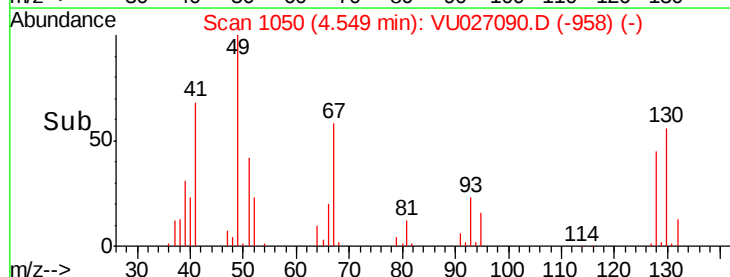
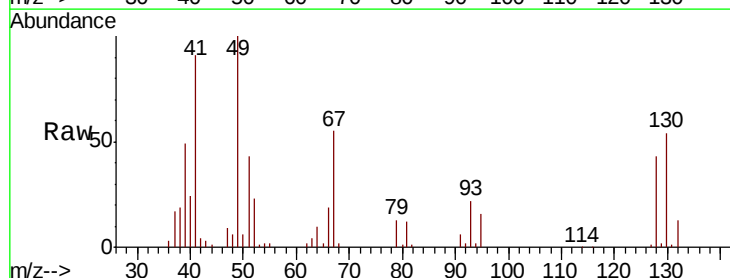
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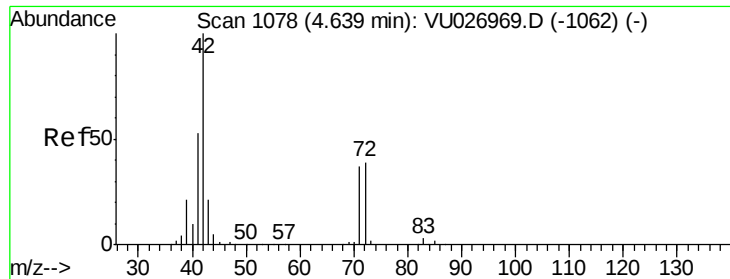


#28

Bromochloromethane
 Concen: 63.085 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.0
130	55.3	47.8	71.8





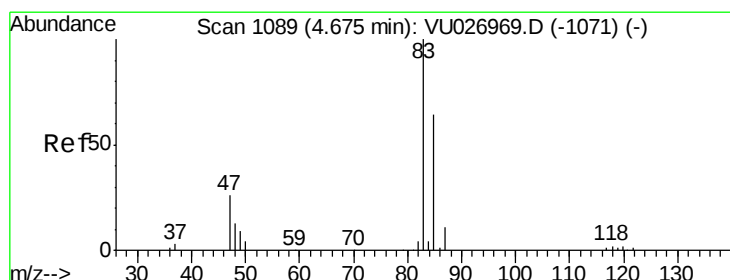
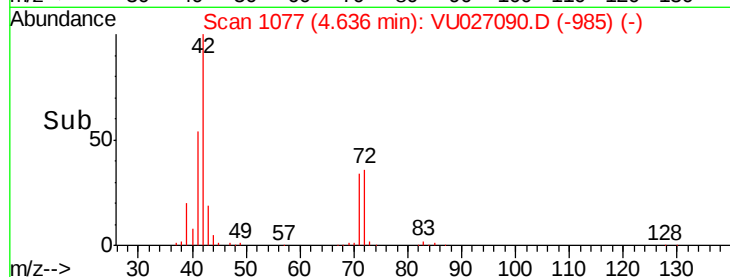
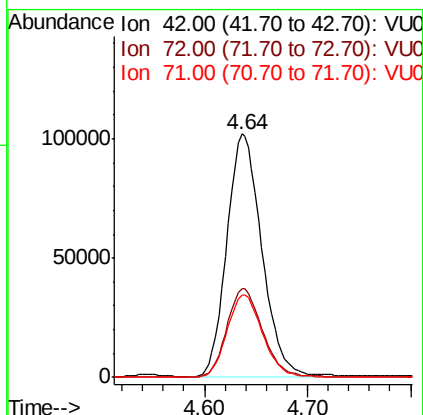
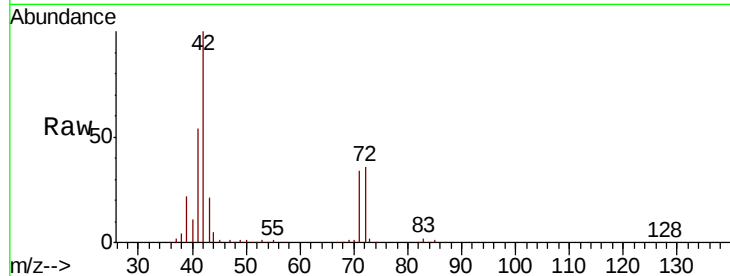
#29
Tetrahydrofuran
Concen: 314.215 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.4	31.7	47.5
71	34.5	29.6	44.4

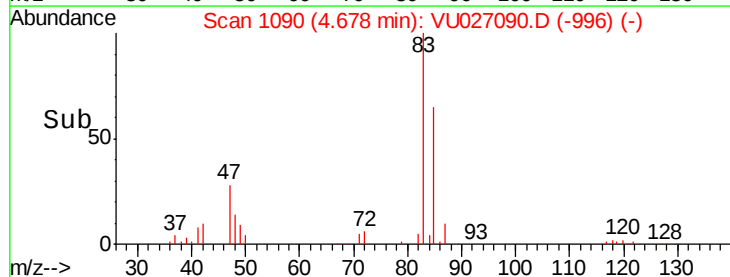
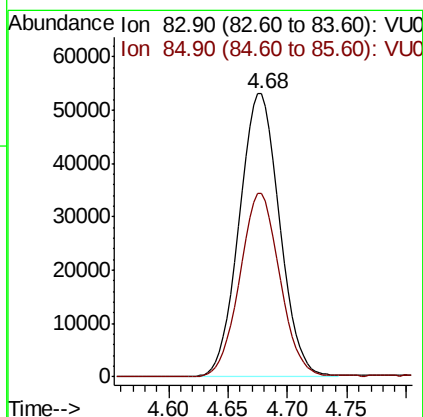
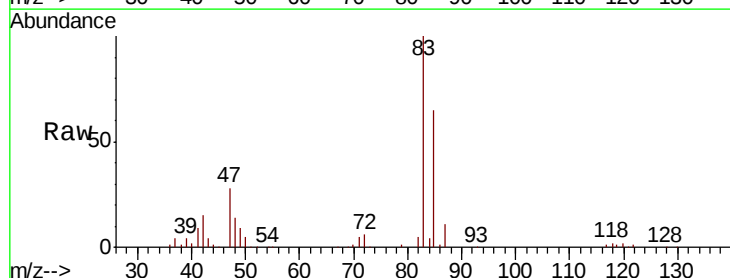
Manual Integrations
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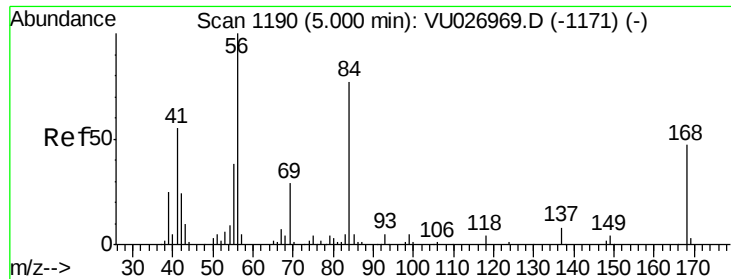
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#30
Chloroform
Concen: 54.517 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3





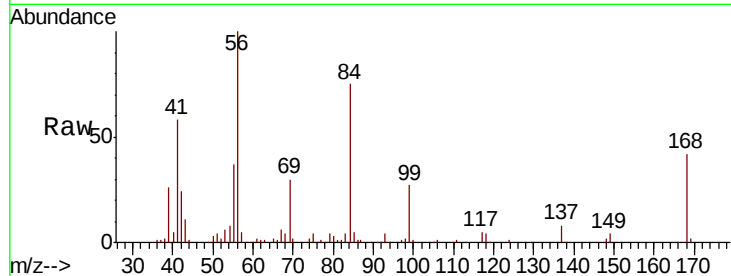
#31
Cyclohexane
Concen: 55.618 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

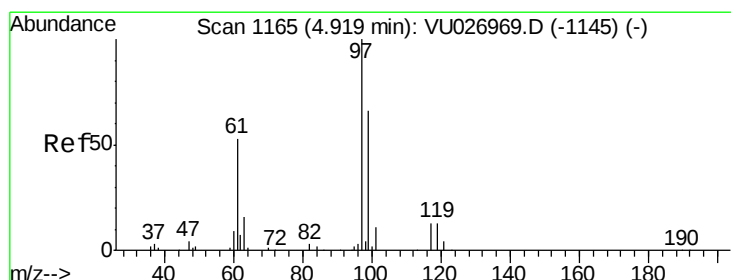
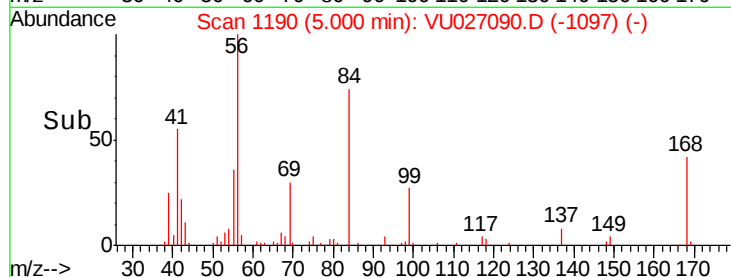
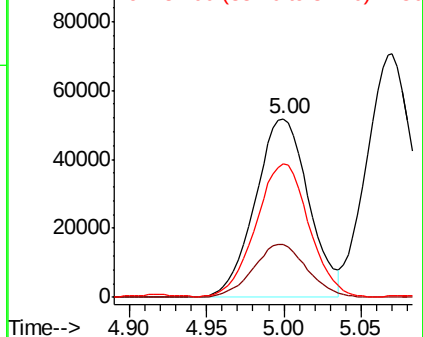
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.0	34.4
84	74.2	61.4	92.2

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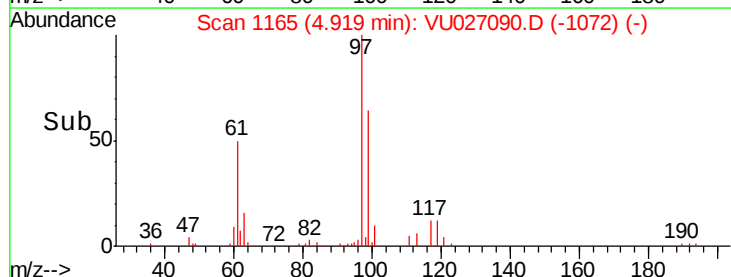
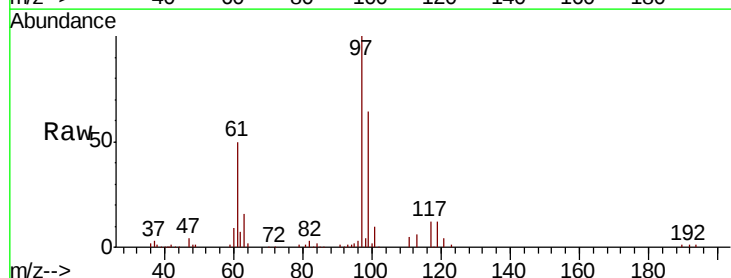
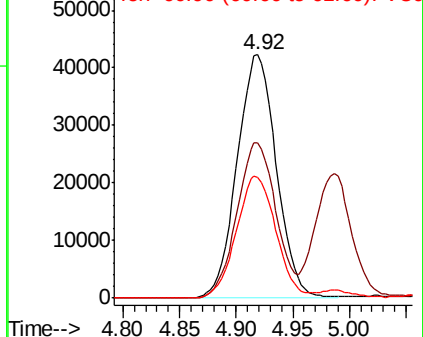
Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

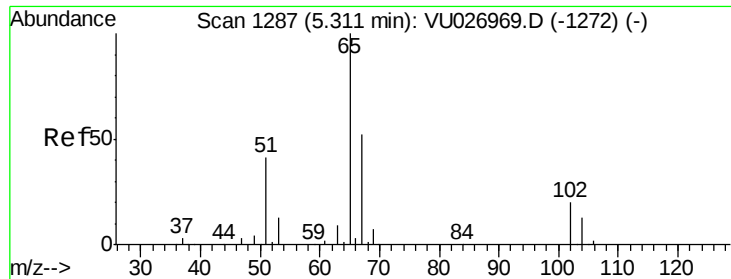


#32
1,1,1-Trichloroethane
Concen: 55.881 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.6
61	50.4	41.1	61.7

Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





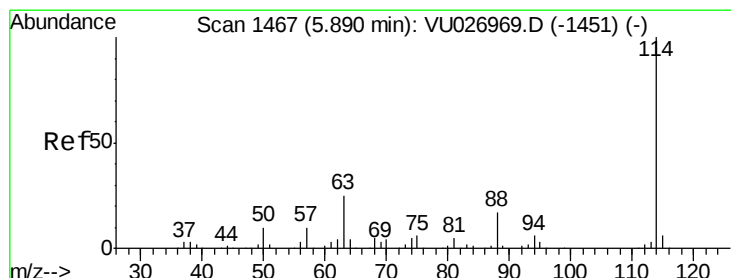
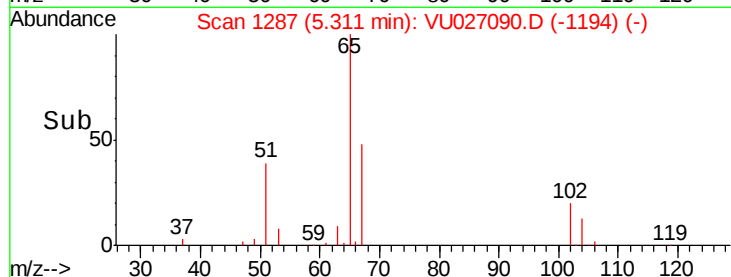
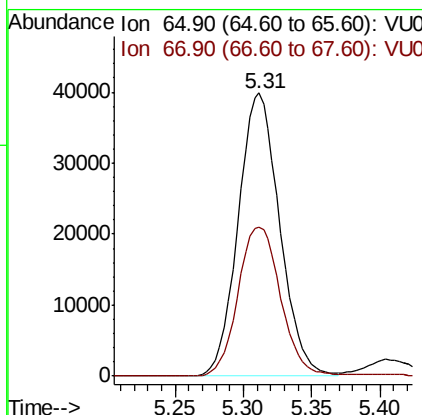
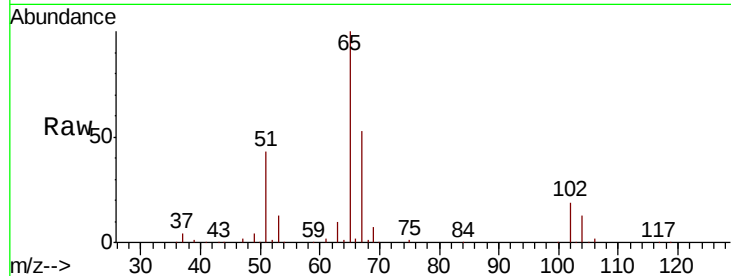
#33
 1,2-Dichloroethane-d4
 Concen: 55.832 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion: 65 Resp: 84044
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.6

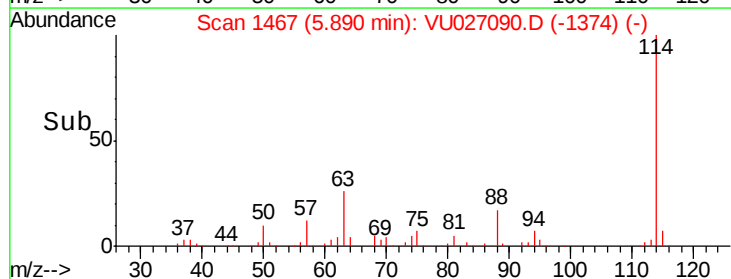
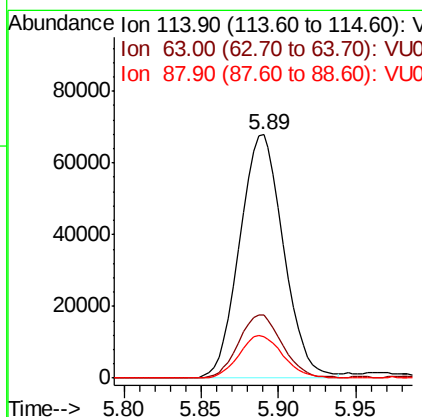
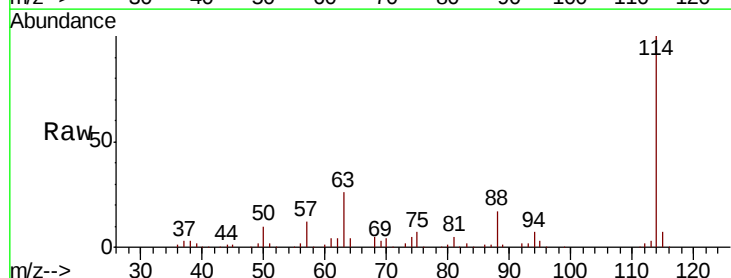
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 114 Resp: 133940
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 49.2
 88 16.9 0.0 33.8





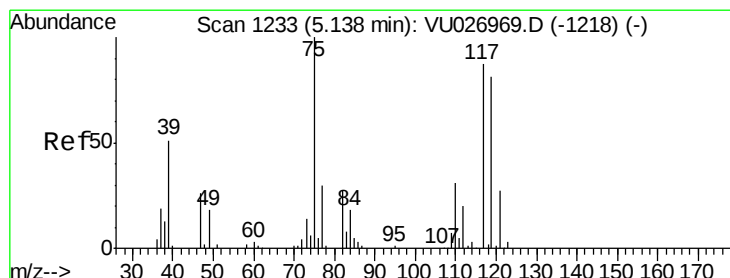
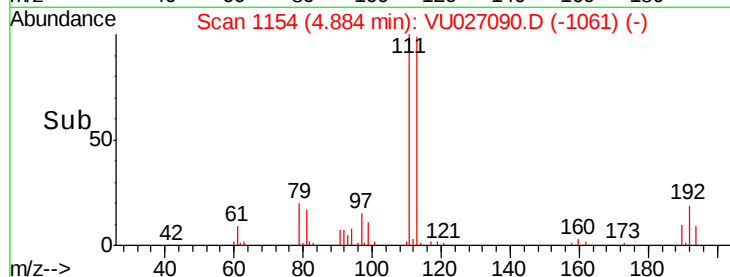
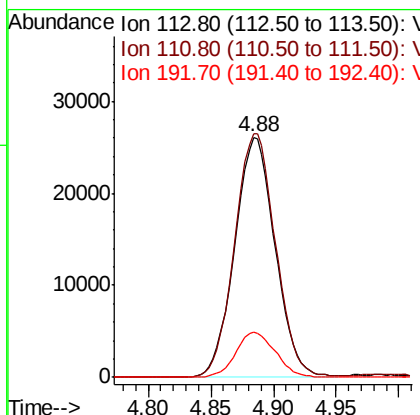
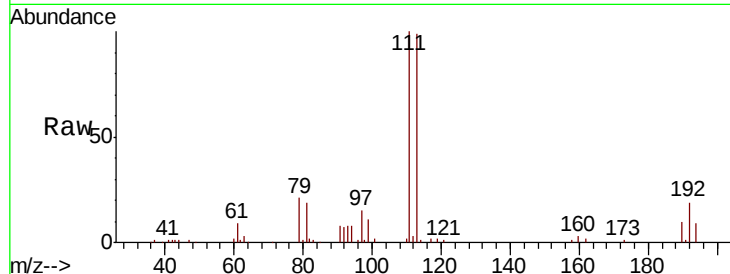
#35
 Dibromofluoromethane
 Concen: 50.483 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	58610		
111	102.6		82.2	123.4
192	18.4		15.2	22.8

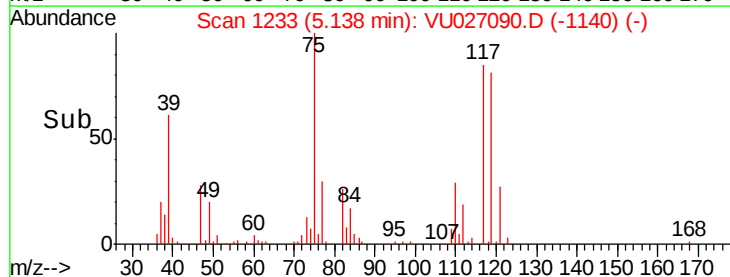
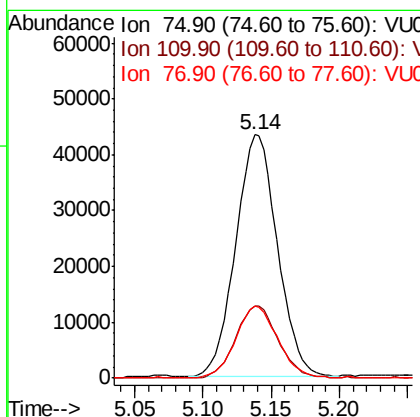
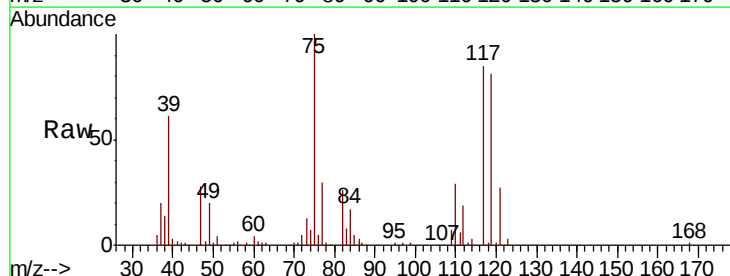
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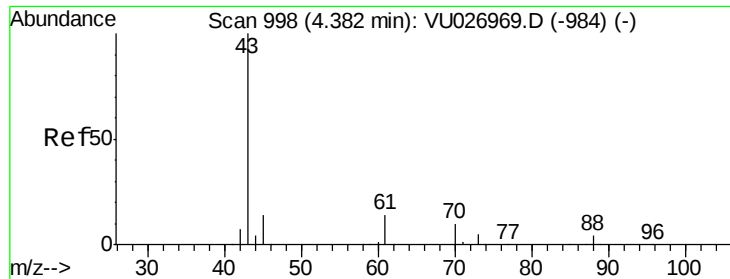
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#36
 1,1-Dichloropropene
 Concen: 51.316 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	91731		
110	30.4		16.1	48.2
77	30.1		24.6	36.8





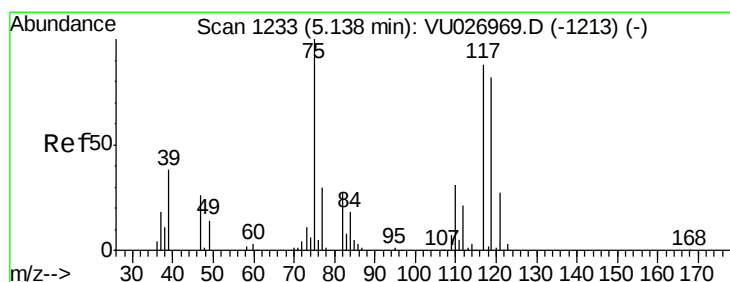
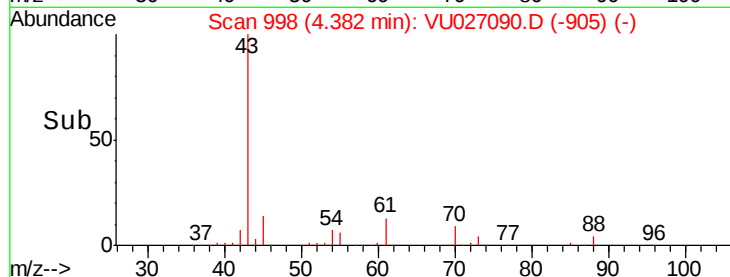
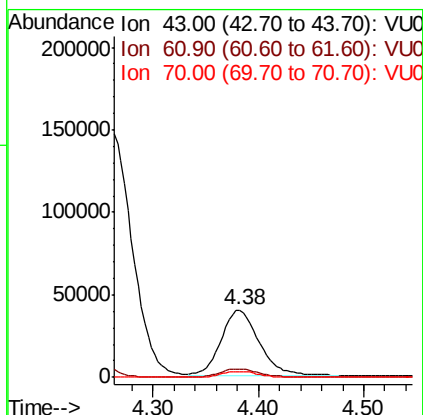
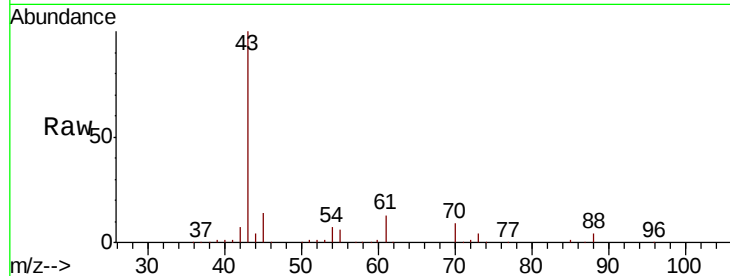
#37
Ethyl Acetate
Concen: 41.217 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.5	15.7
70	8.6	7.4	11.0

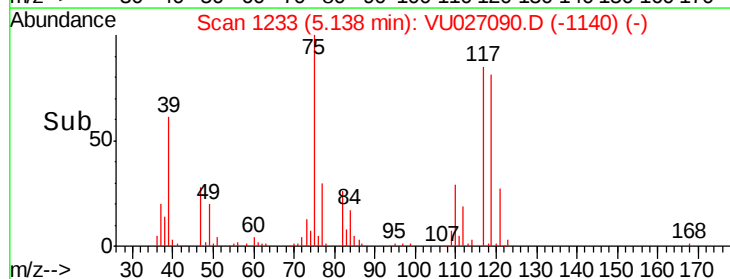
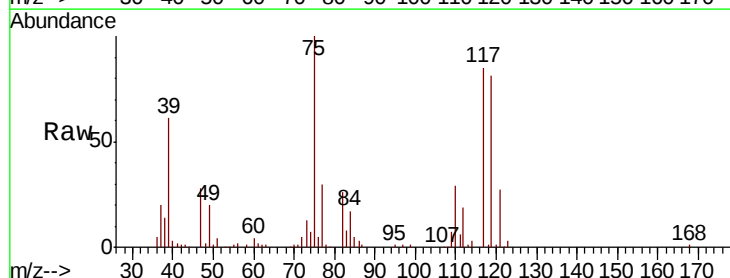
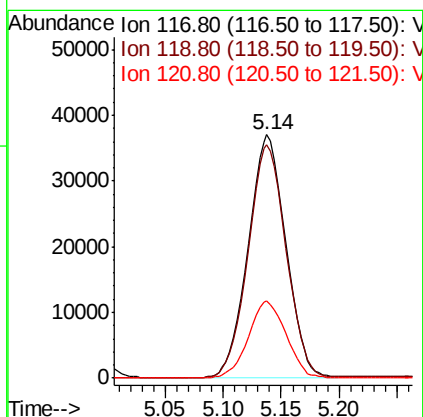
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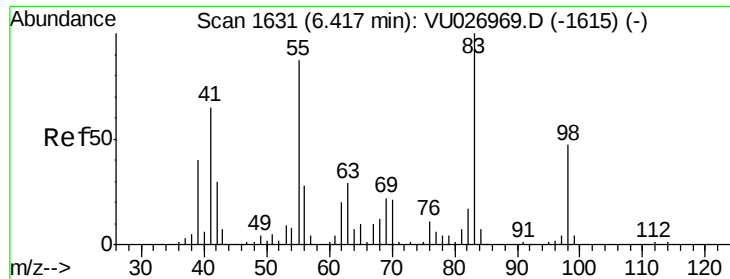
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#38
Carbon Tetrachloride
Concen: 49.409 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.4	111.6
121	31.6	24.2	36.4





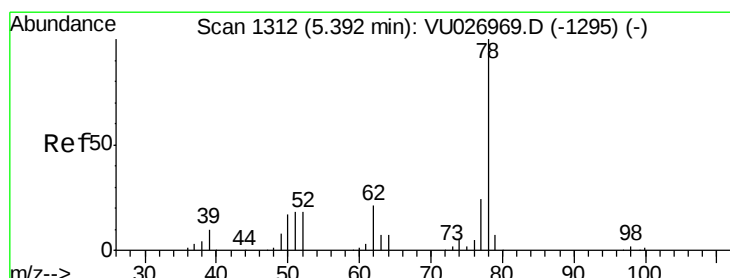
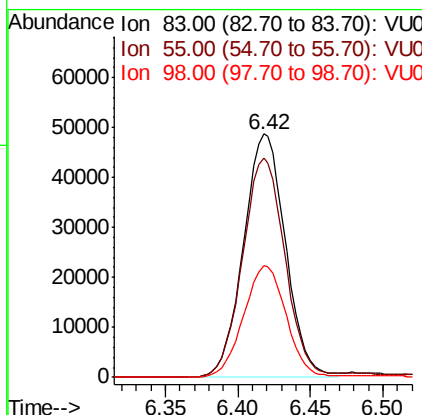
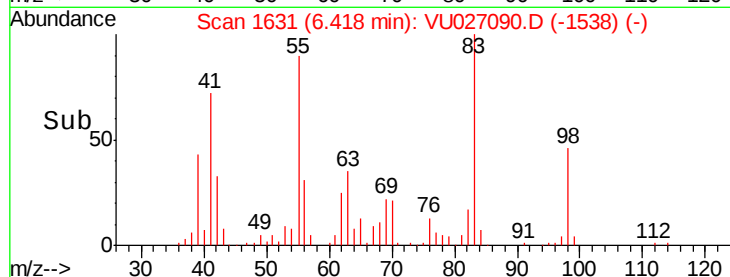
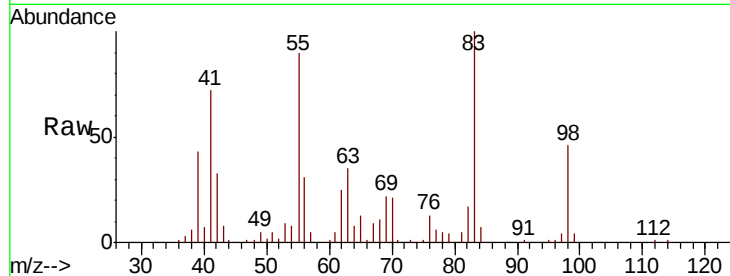
#39
Methvlcvclohexane
Concen: 50.596 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.8	69.9	104.9
98	45.8	37.5	56.3

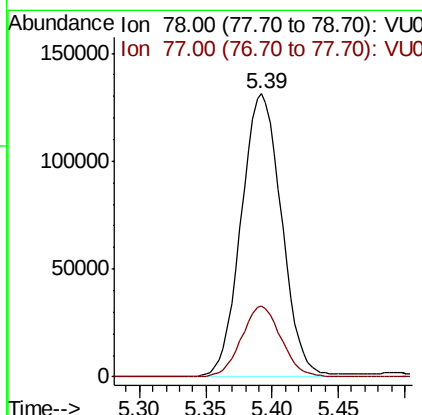
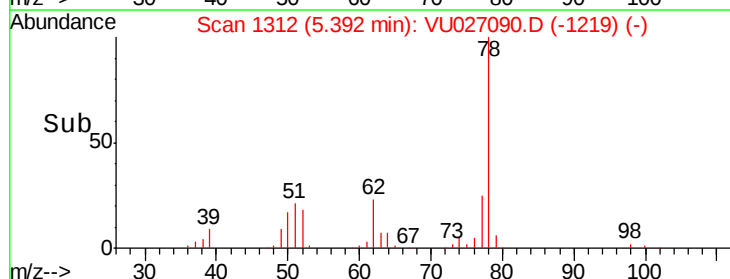
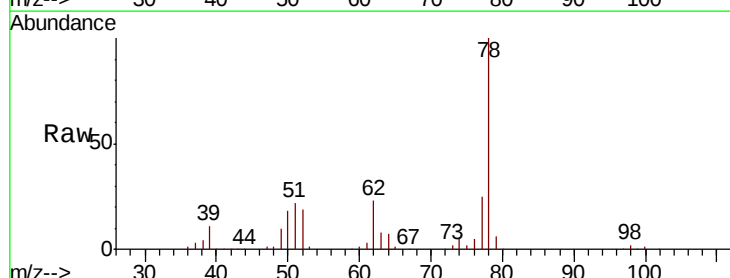
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#40
Benzene
Concen: 51.341 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.4	29.0





#41

Methacrylonitrile

Concen: 60.263 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027090.D

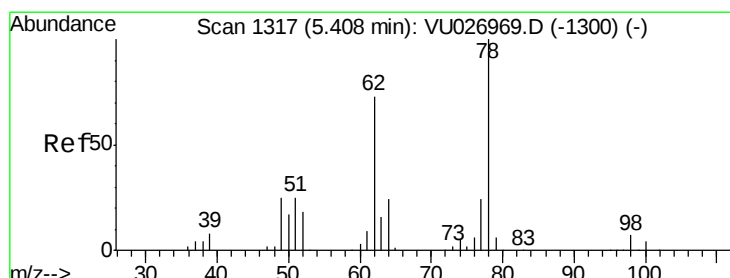
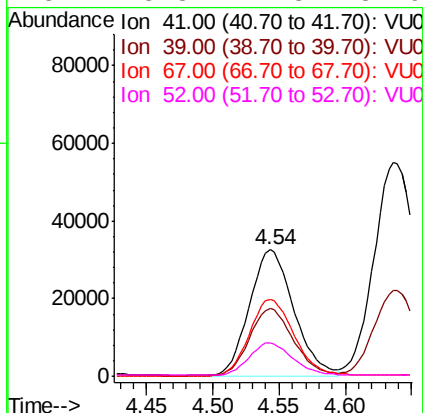
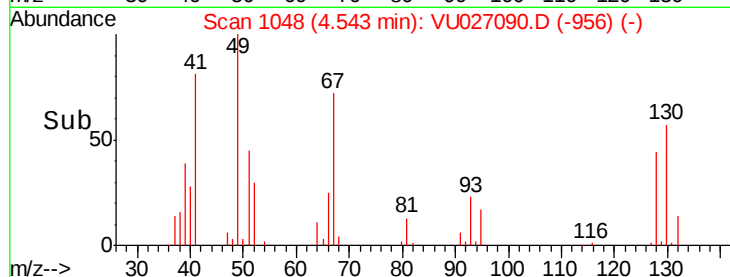
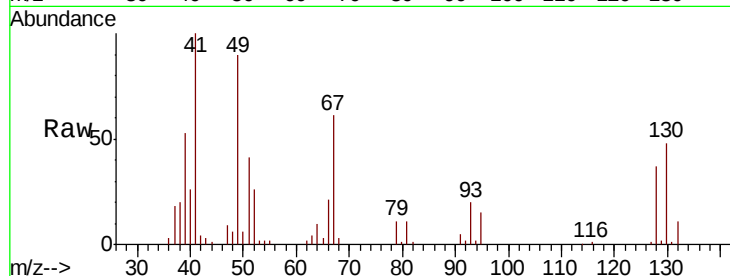
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	42.9	64.3	
67	62.4	52.4	78.6	
52	25.8	21.3	31.9	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 53.861 ug/l

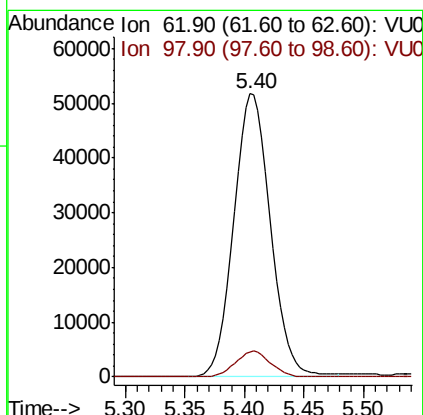
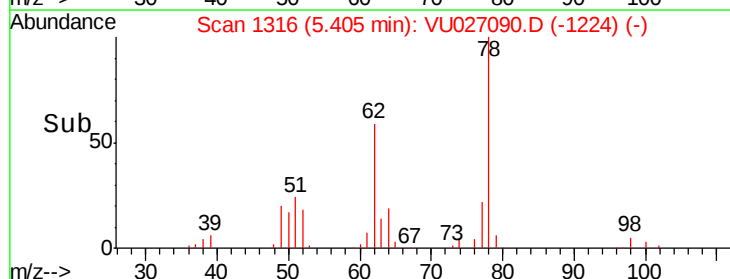
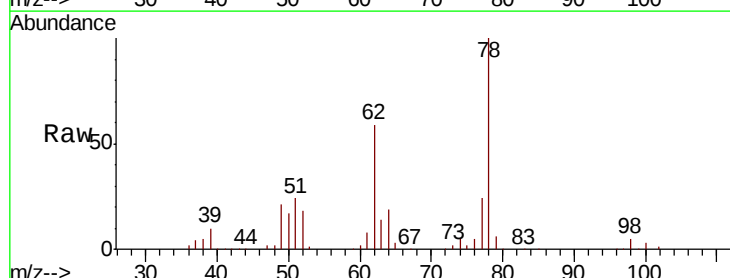
RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.0	





#43

Isopropyl Acetate

Concen: 49.887 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

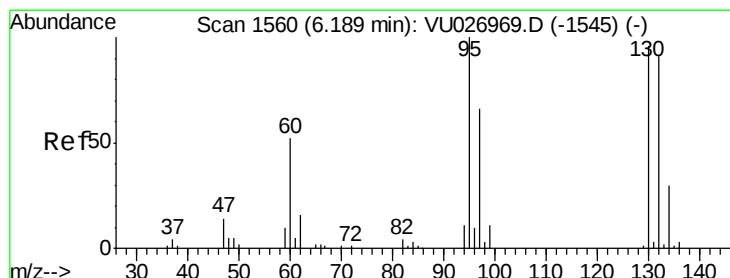
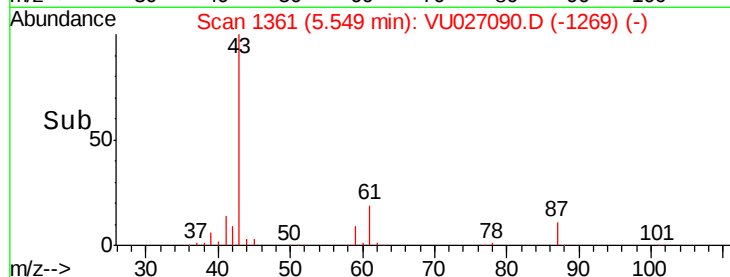
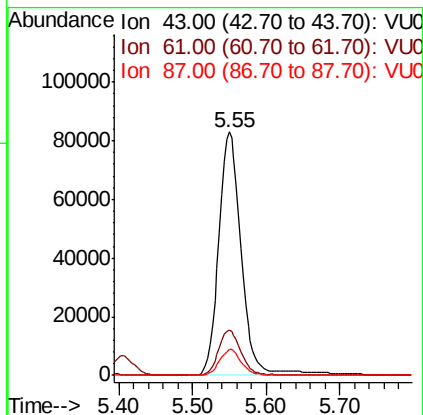
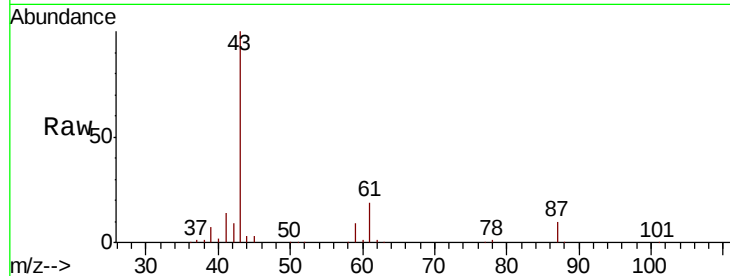
ClientSampleId :

SA-SW204-20180914MSD

Tot Ion:	43	Resp:	176057
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.7	23.5
87	10.1	9.0	13.4

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#44

Trichloroethene

Concen: 50.517 ug/l

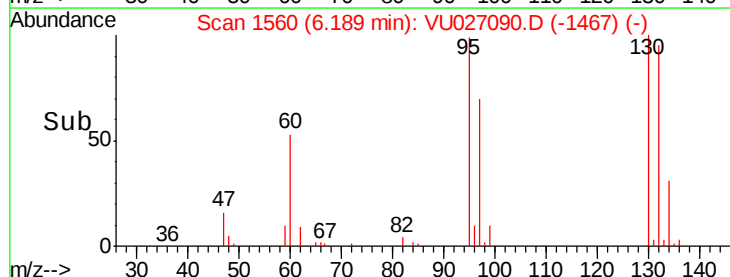
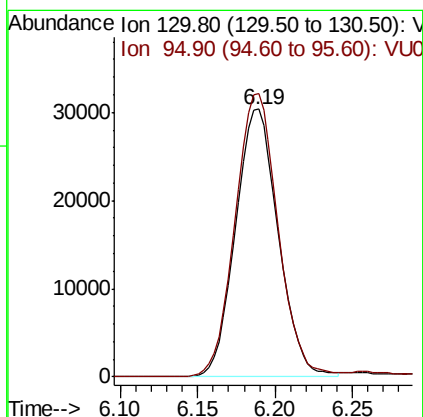
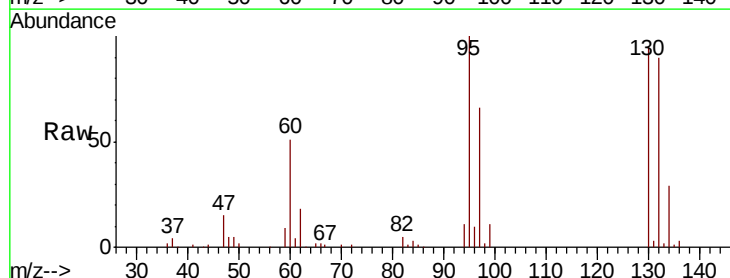
RT: 6.19 min Scan# 1560

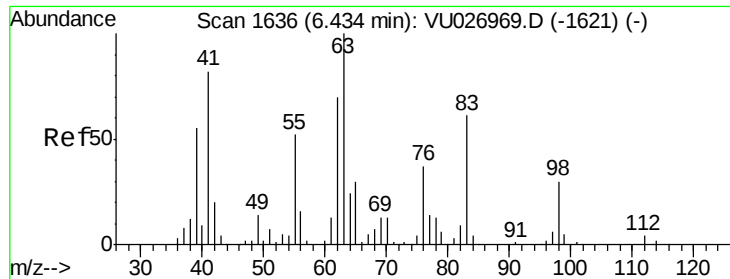
Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion:	130	Resp:	58443
Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	208.8





#45

1,2-Dichloropropane

Concen: 53.897 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

Tot Ion: 63 Resp: 83454

Ion Ratio Lower Upper

63 100

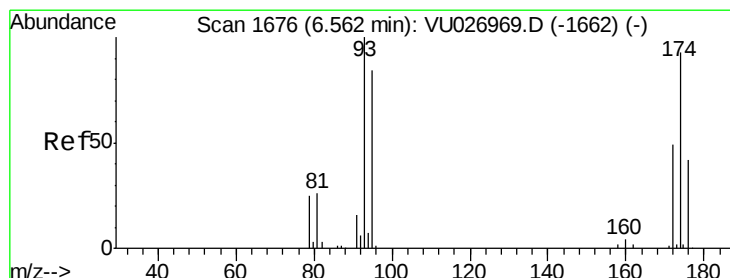
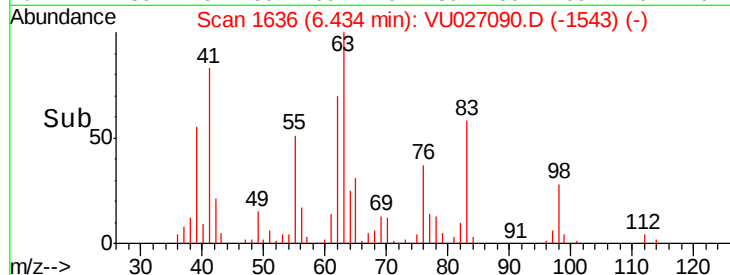
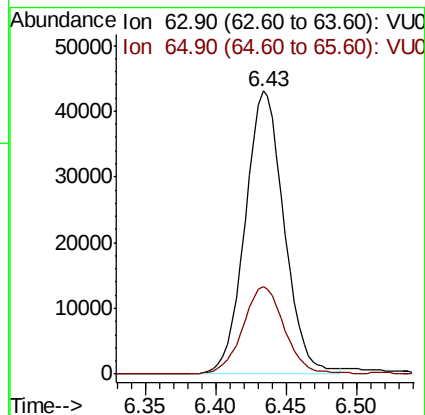
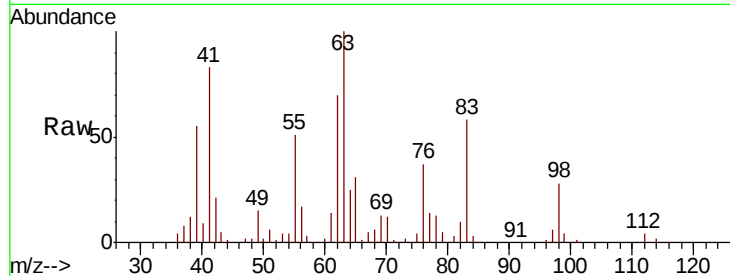
65 30.8 24.3 36.5

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#46

Dibromomethane

Concen: 51.316 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

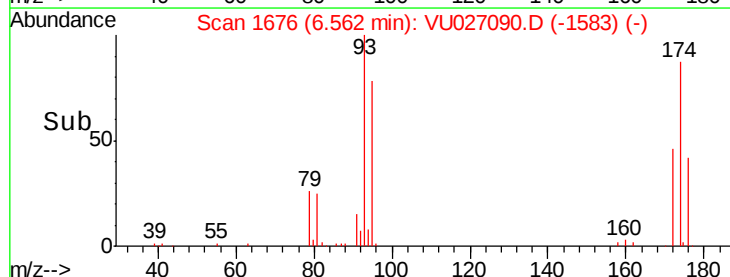
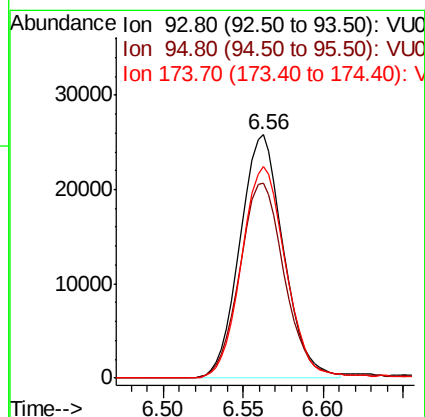
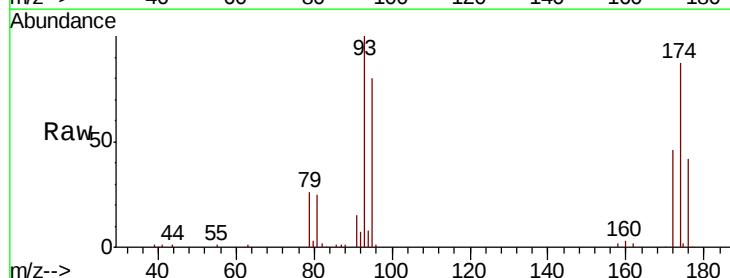
Tgt Ion: 93 Resp: 47988

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 88.6 71.7 107.5





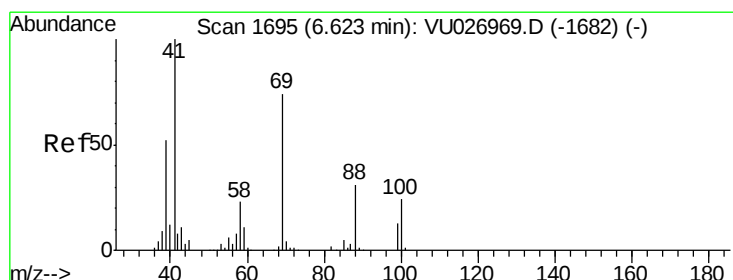
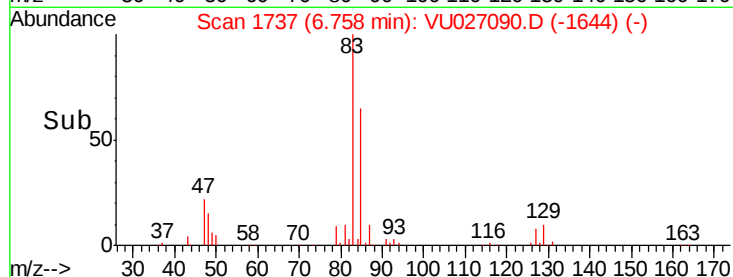
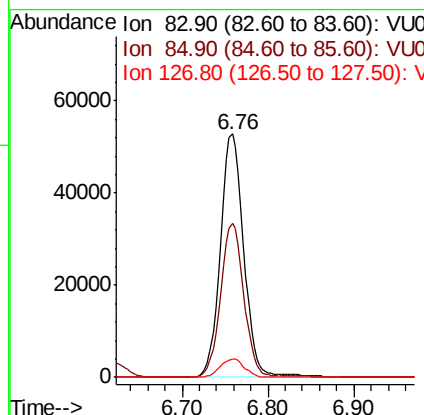
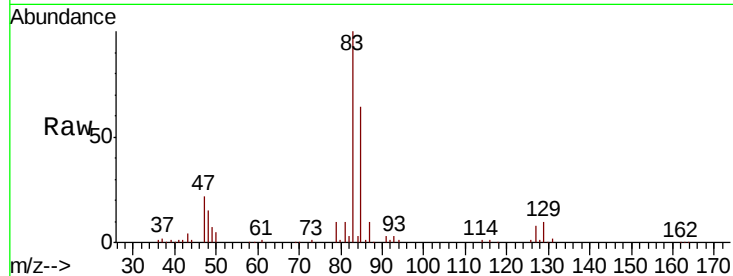
#47
 Bromodichloromethane
 Concen: 52.900 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion	83	Resp	100030
Ion Ratio	Lower	Upper	
83	100		
85	63.5	52.5	78.7
127	7.5	6.3	9.5

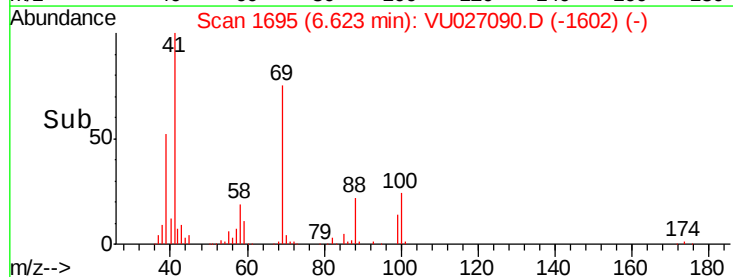
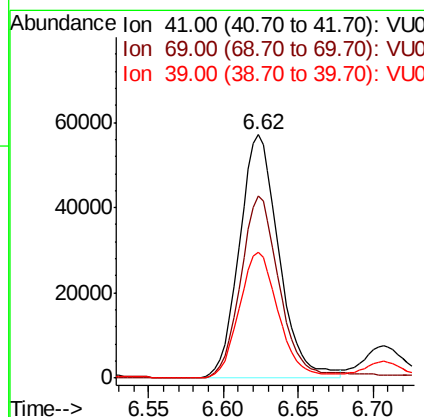
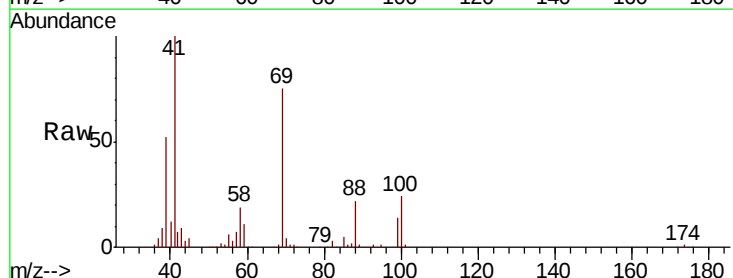
Manual Integrations
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MMDadoda
 9/24/2018 4:40:39 PM



#48
 Methyl methacrylate
 Concen: 54.094 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion	41	Resp	104068
Ion Ratio	Lower	Upper	
41	100		
69	76.5	60.6	90.8
39	51.6	42.8	64.2





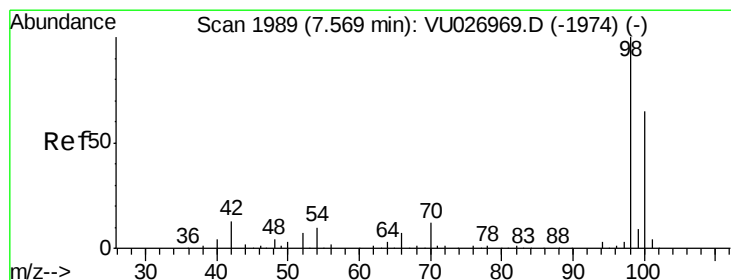
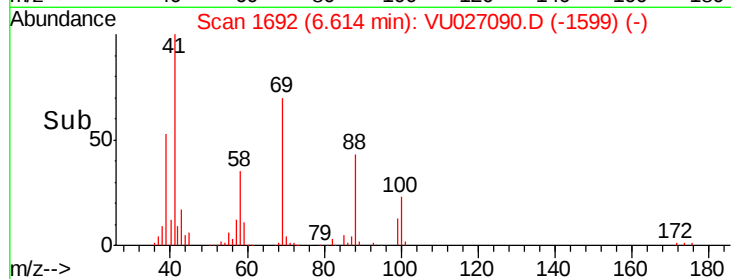
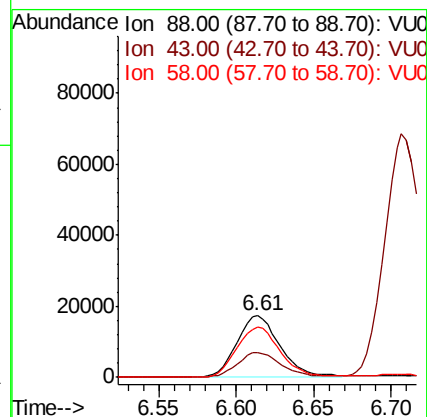
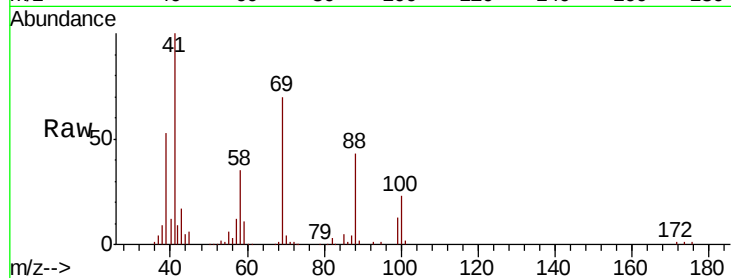
#49
1,4-Dioxane
Concen: 886.264 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	40.8	29.8	44.8	
58	83.0	63.9	95.9	

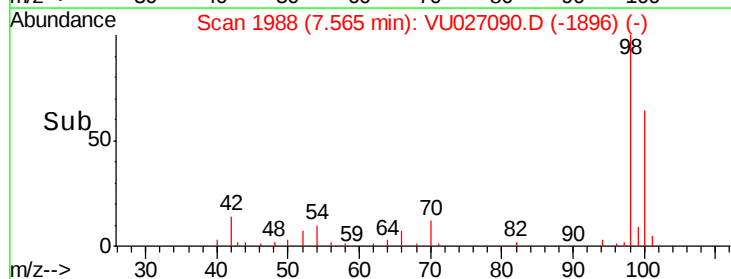
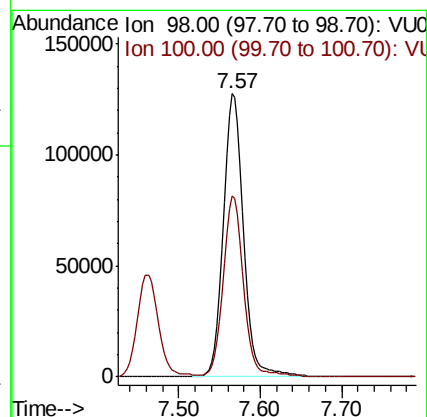
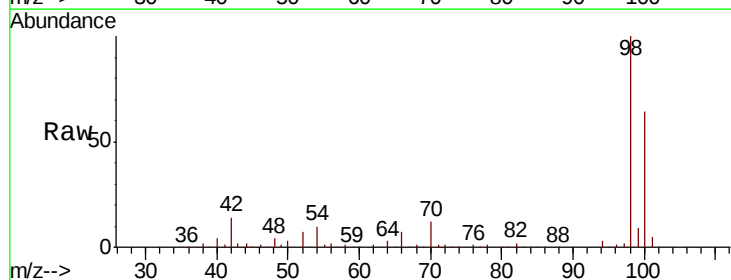
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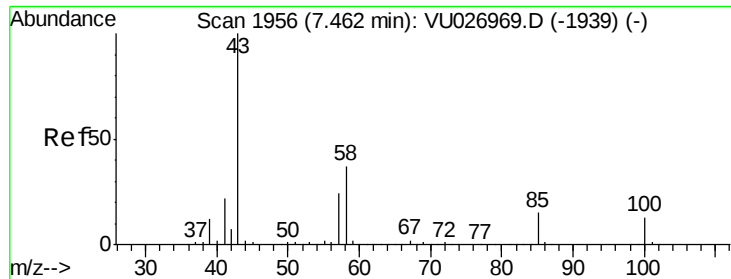
MMDadoda
9/24/2018 4:40:39 PM



#50
Toluene-d8
Concen: 50.831 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	64.8	52.1	78.1	





#51

4-Methyl-2-Pentanone

Concen: 298.899 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

Tot Ion: 43 Resp: 709456

Ion Ratio Lower Upper

43 100

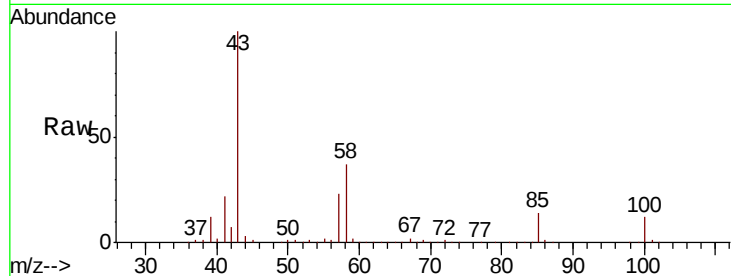
58 36.8 29.8 44.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

400000

300000

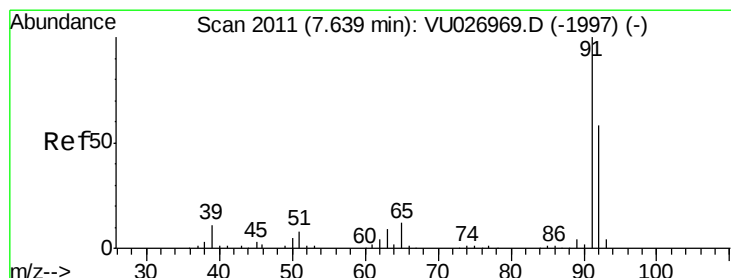
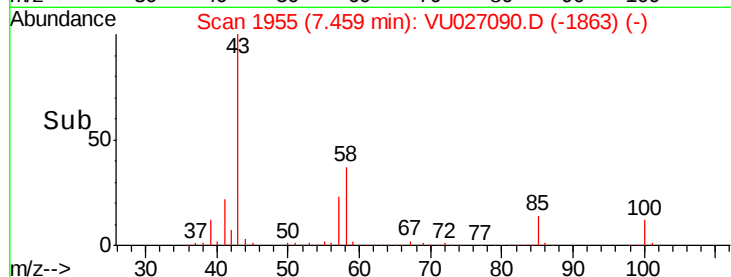
200000

100000

0

7.40 7.50 7.60

Time-->



#52

Toluene

Concen: 53.827 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027090.D

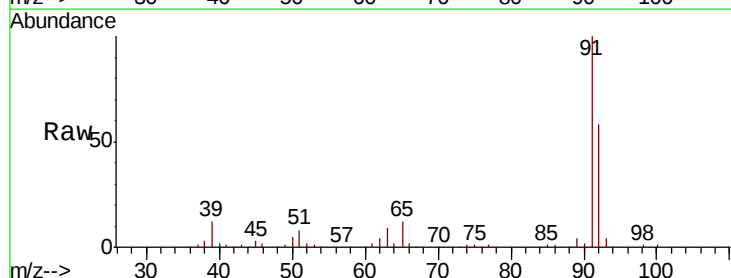
Acq: 23 Sep 2018 22:15

Tgt Ion: 92 Resp: 167665

Ion Ratio Lower Upper

92 100

91 172.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

150000

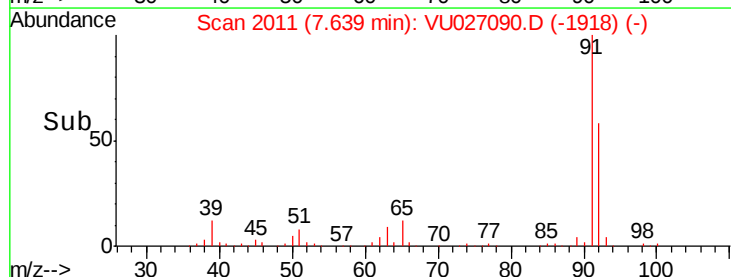
100000

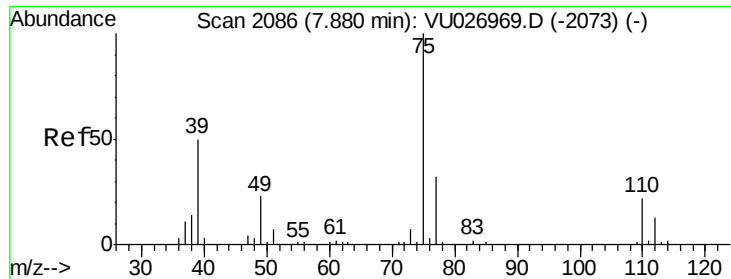
50000

0

7.60 7.70 7.80

Time-->





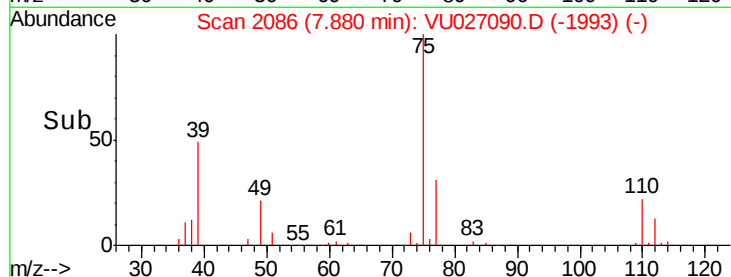
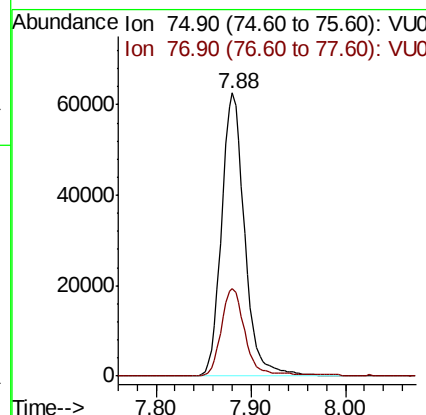
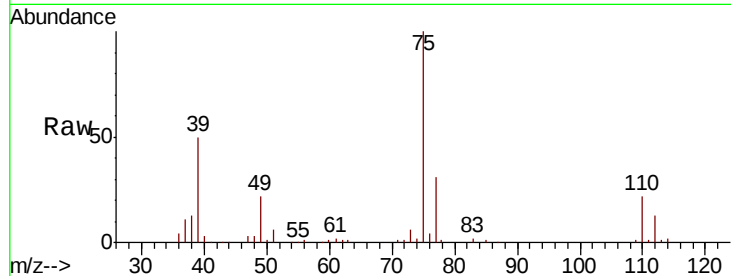
#53
t-1,3-Dichloropropene
Concen: 52.187 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.3	37.9

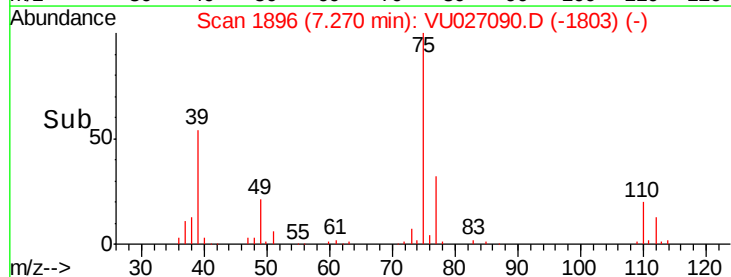
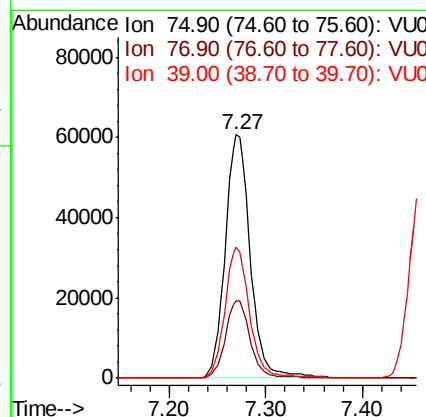
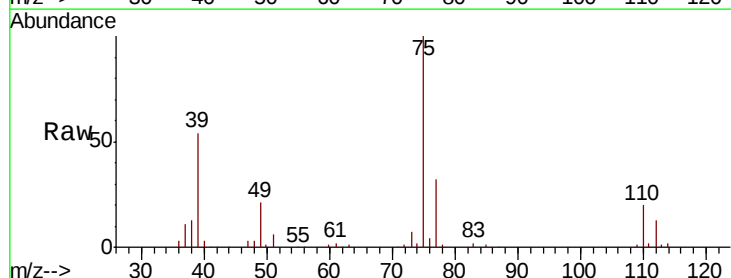
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 48.871 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.0
39	53.8	41.6	62.4





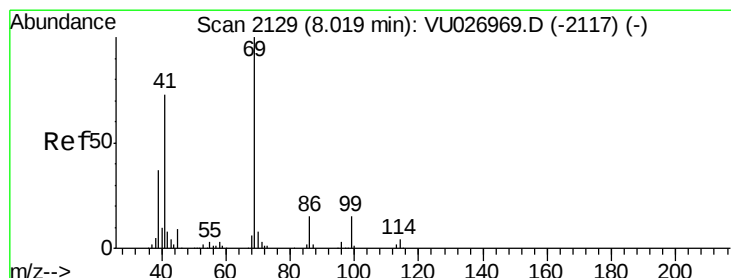
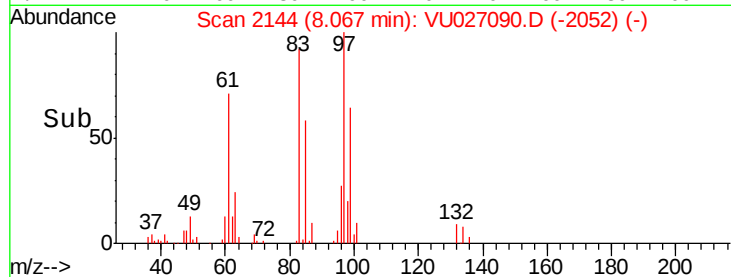
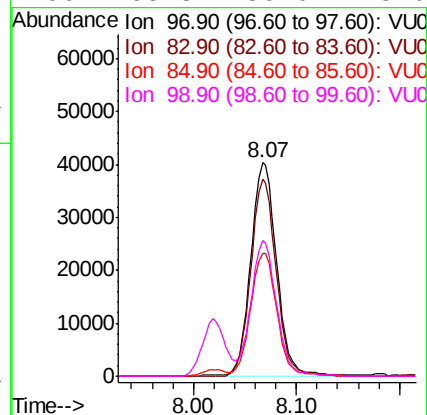
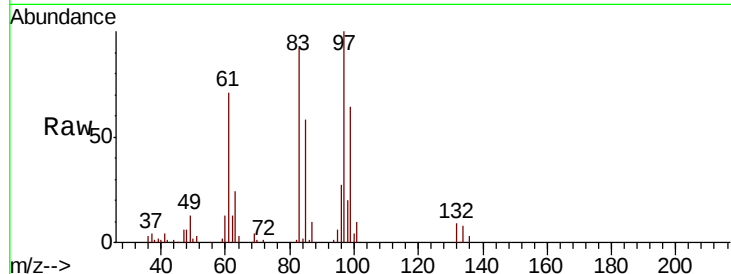
#55
 1,1,2-Trichloroethane
 Concen: 53.259 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion:	97	Resp:	70294
Ion	Ratio	Lower	Upper
97	100		
83	92.1	73.1	109.7
85	57.8	46.7	70.1
99	63.3	50.0	75.0

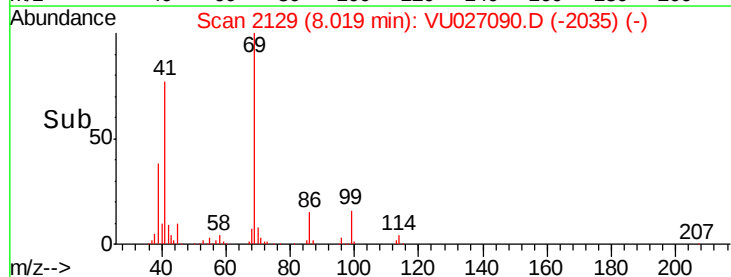
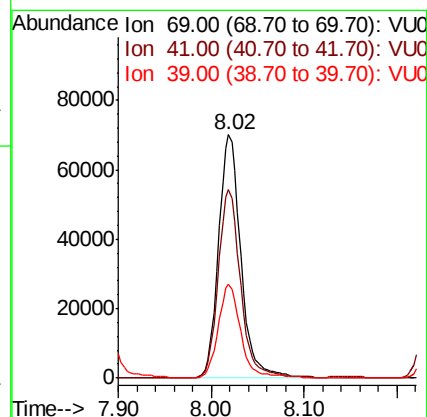
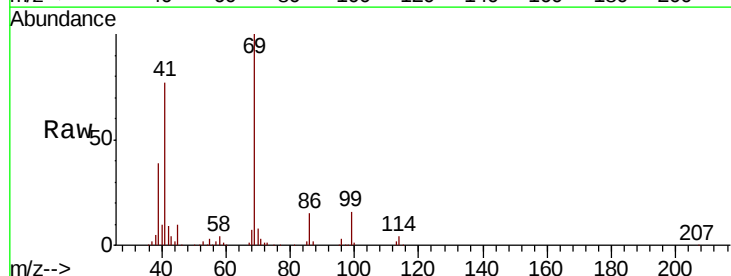
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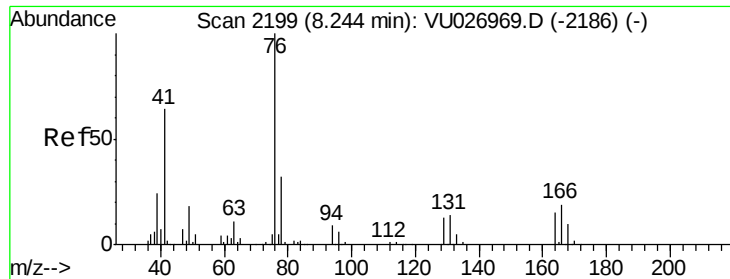
MMDadoda
 9/24/2018 4:40:39 PM



#56
 Ethyl methacrylate
 Concen: 51.231 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion:	69	Resp:	117453
Ion	Ratio	Lower	Upper
69	100		
41	77.8	59.0	88.4
39	38.0	30.2	45.4





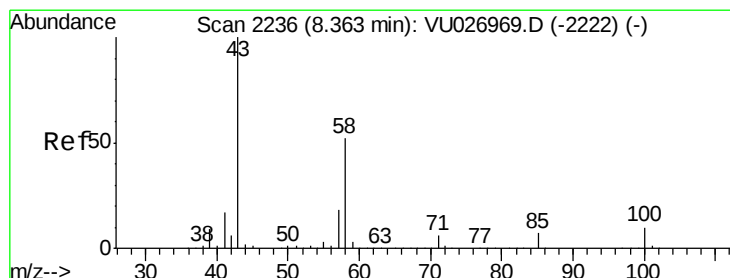
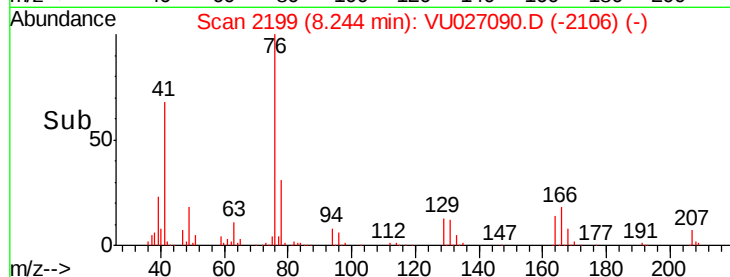
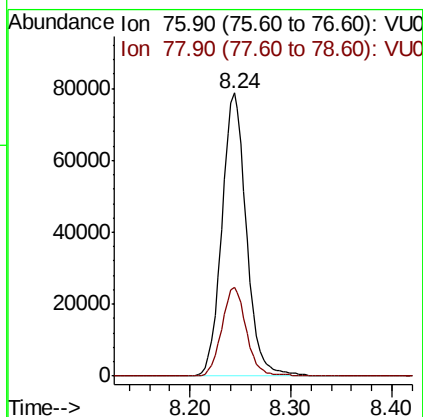
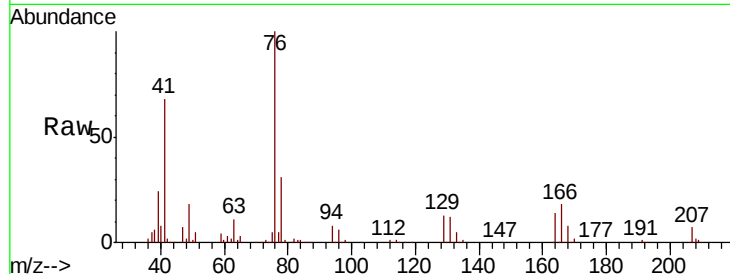
#57
 1,3-Dichloropropane
 Concen: 54.505 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion: 76 Resp: 133800
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3

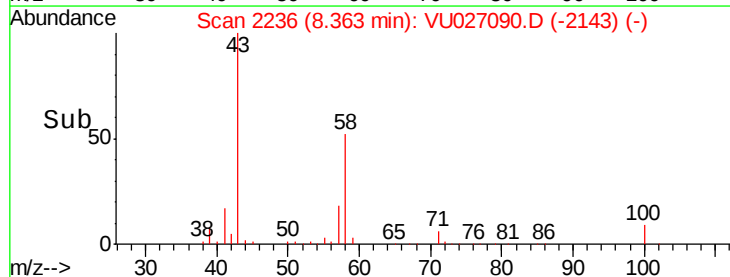
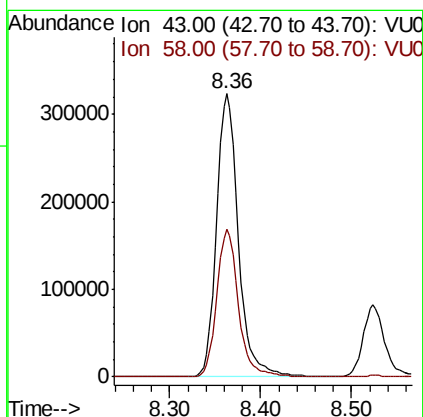
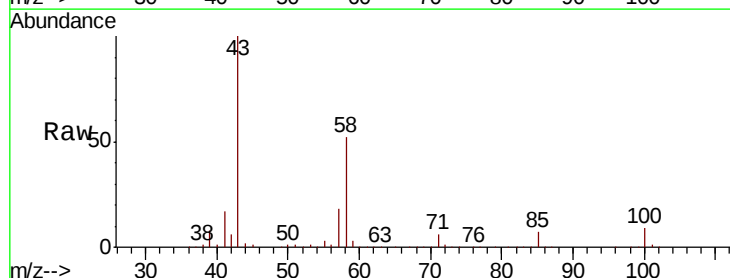
Manual Integrations
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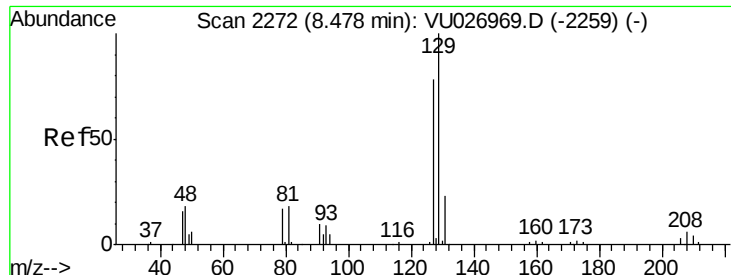
MMDadoda
 9/24/2018 4:40:39 PM



#59
 2-Hexanone
 Concen: 290.182 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 43 Resp: 539151
 Ion Ratio Lower Upper
 43 100
 58 51.7 26.1 78.2





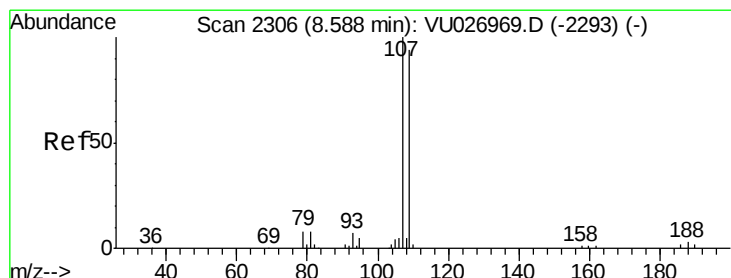
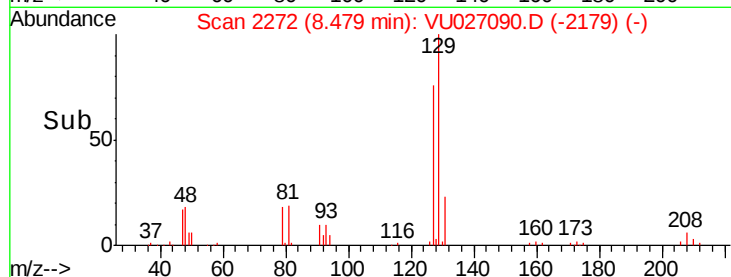
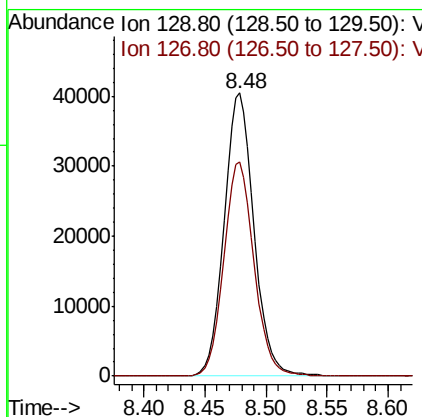
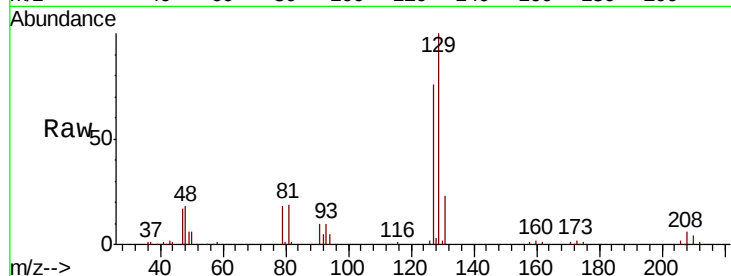
#60
Dibromochloromethane
Concen: 53.509 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.1	114.5

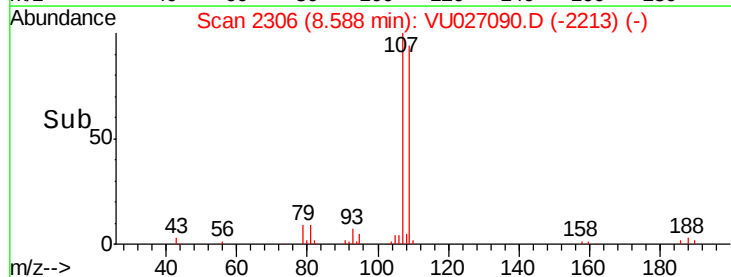
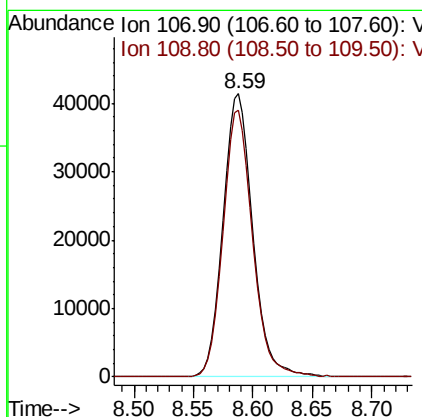
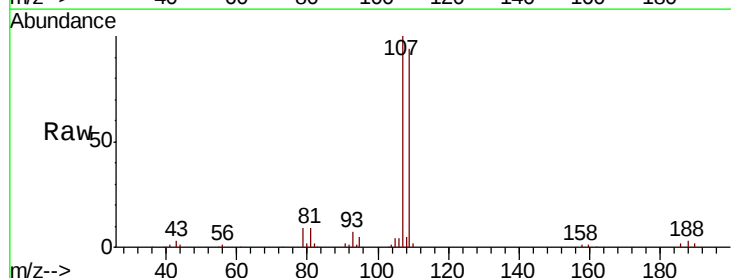
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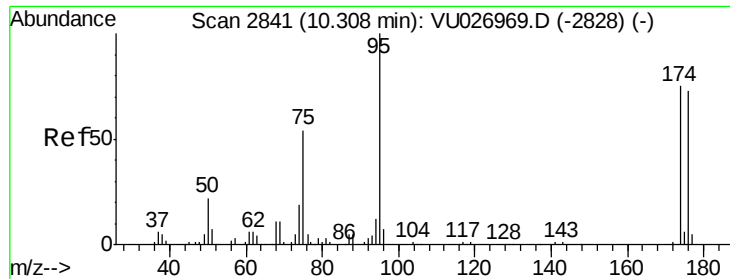
MMDadoda
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#61
1,2-Dibromoethane
Concen: 52.207 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.0	112.6





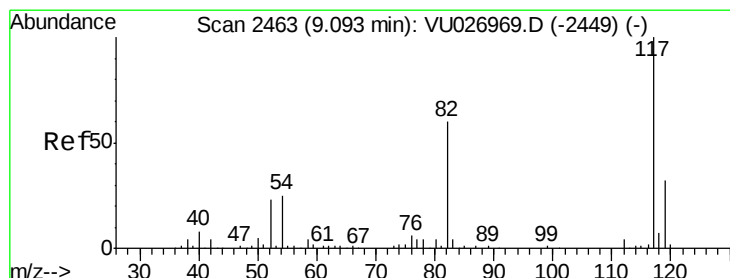
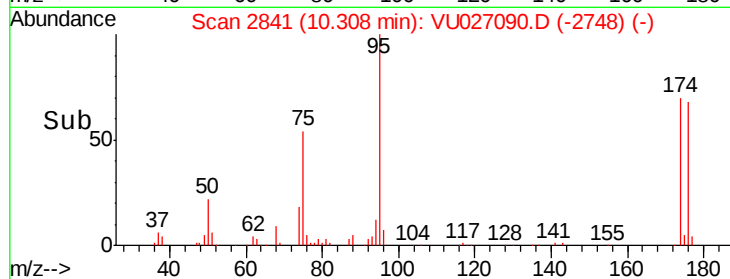
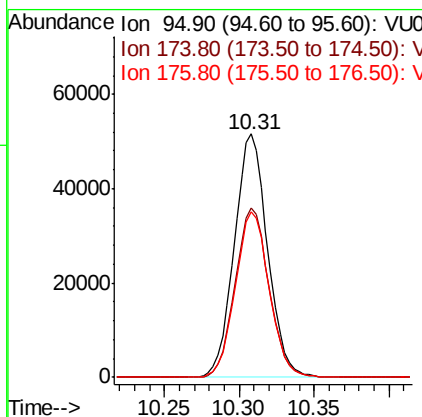
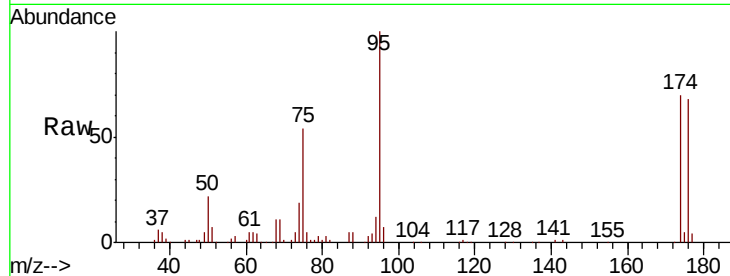
#62
 4-Bromofluorobenzene
 Concen: 52.516 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	150.2
176	69.2	0.0	145.2

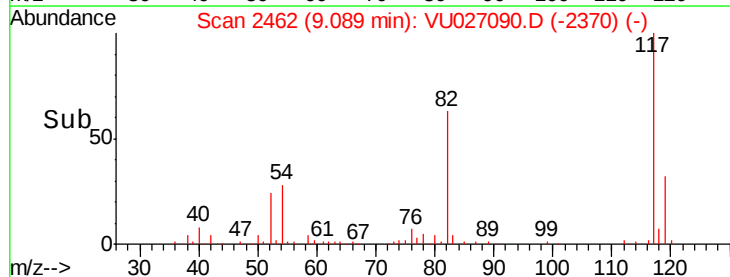
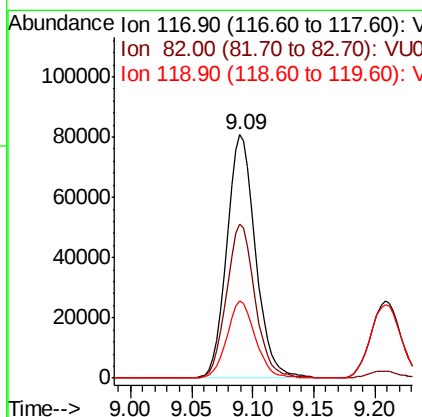
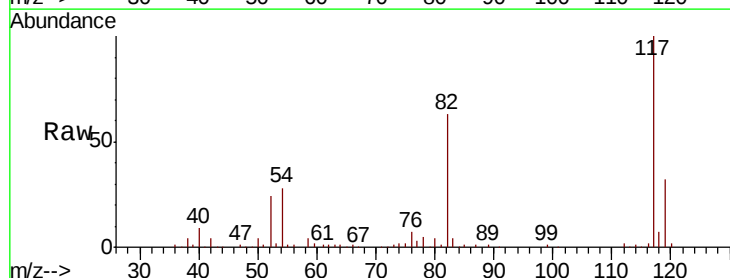
Manual Integrations
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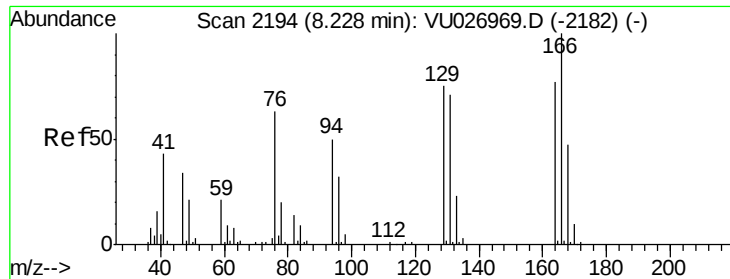
MMDadoda
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.5	48.0	72.0
119	31.9	25.8	38.8





#64

Tetrachloroethene

Concen: 45.630 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

Tot Ion:164 Resp: 46919

Ion Ratio Lower Upper

164 100

166 124.1 104.4 156.6

129 94.2 78.7 118.1

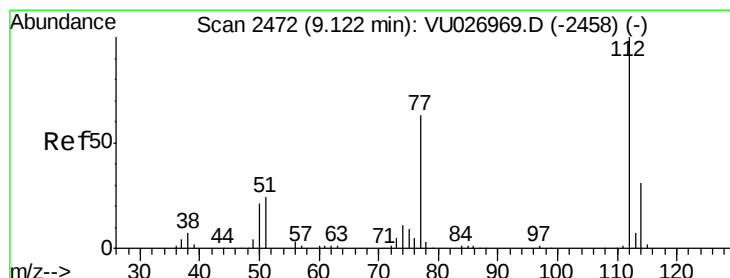
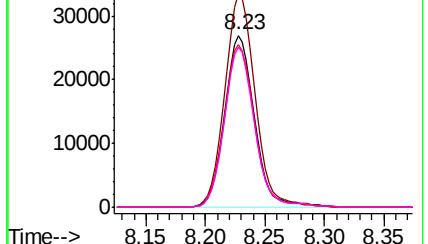
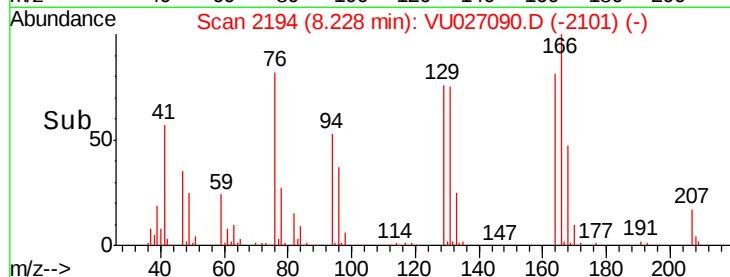
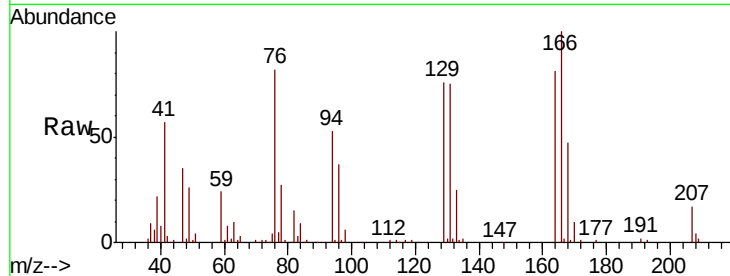
131 93.2 73.9 110.9

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#65

Chlorobenzene

Concen: 48.174 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU027090.D

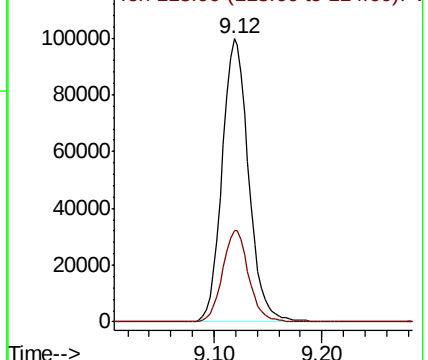
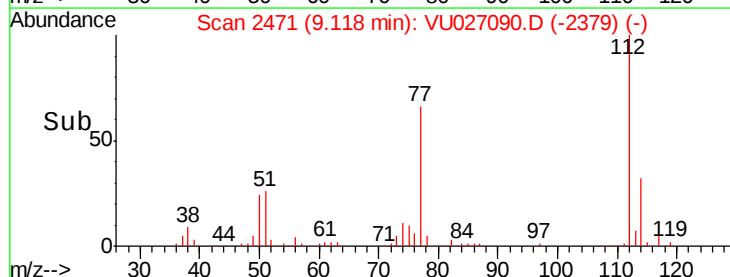
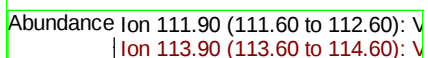
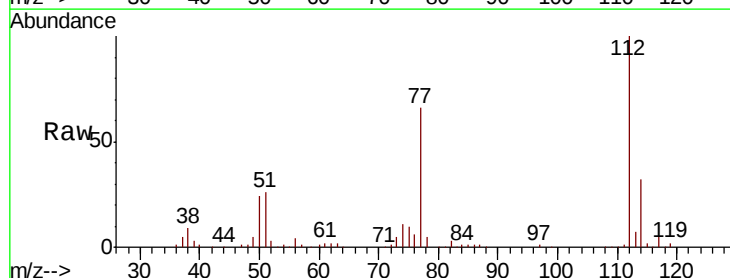
Acq: 23 Sep 2018 22:15

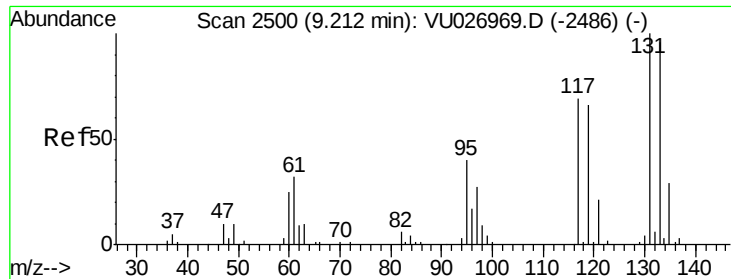
Tgt Ion:112 Resp: 170449

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.6





#66

1,1,1,2-Tetrachloroethane

Concen: 51.367 ug/l

RT: 9.21 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

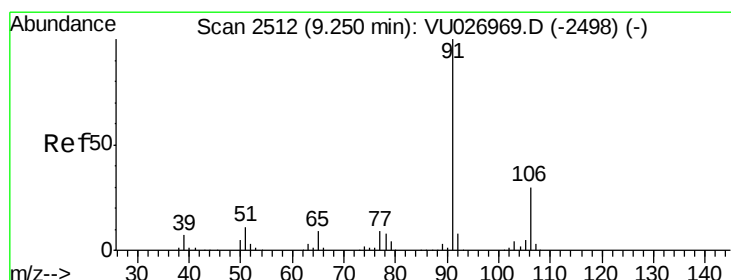
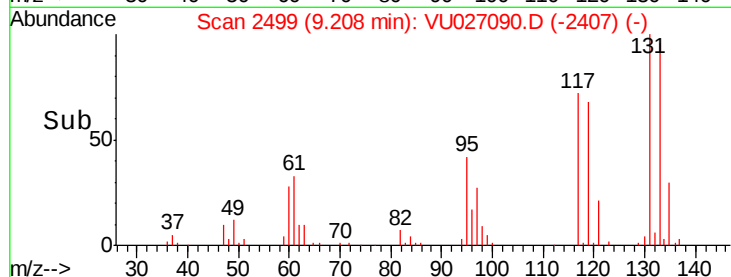
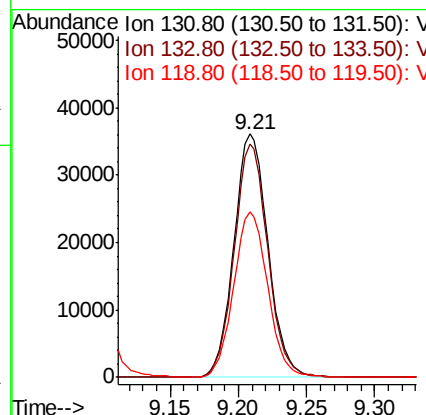
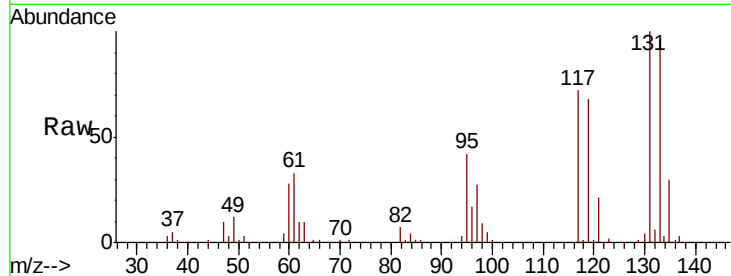
ClientSampleId :

SA-SW204-20180914MSD

Tot Ion:	131	Resp:	62599
Ion	Ratio	Lower	Upper
131	100		
133	94.5	48.0	144.2
119	68.1	33.4	100.1

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#67

Ethyl Benzene

Concen: 53.605 ug/l

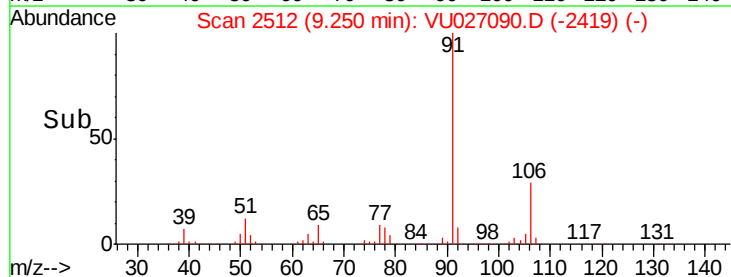
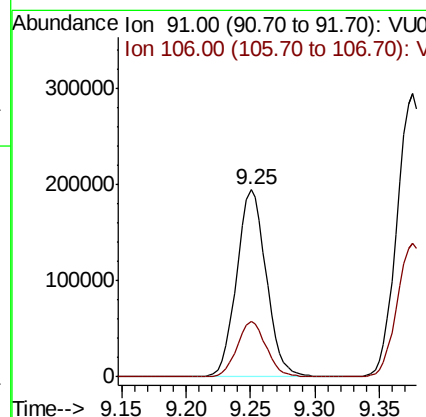
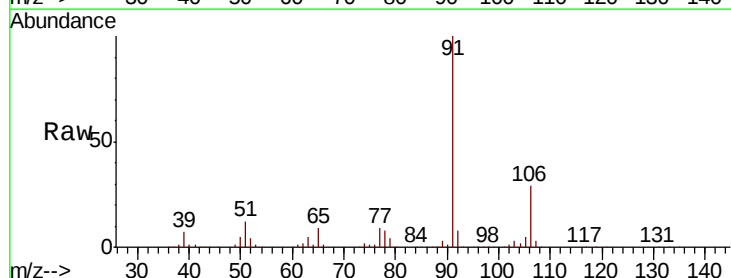
RT: 9.25 min Scan# 2512

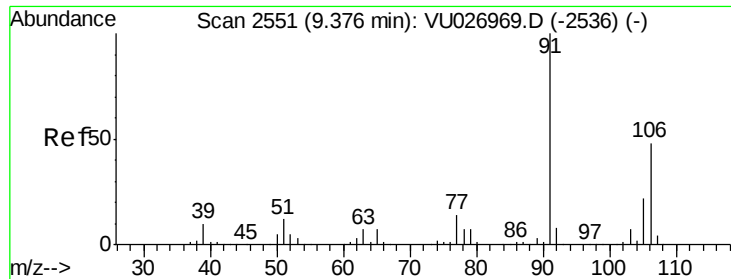
Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion:	91	Resp:	311879
Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.8	35.8





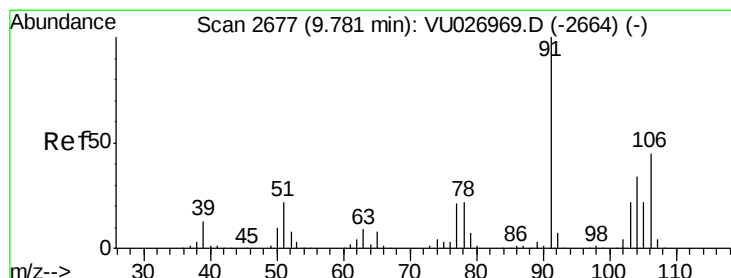
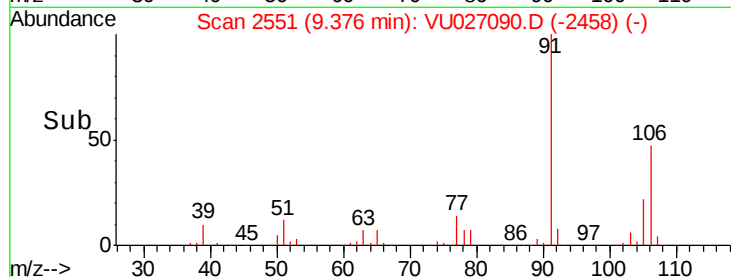
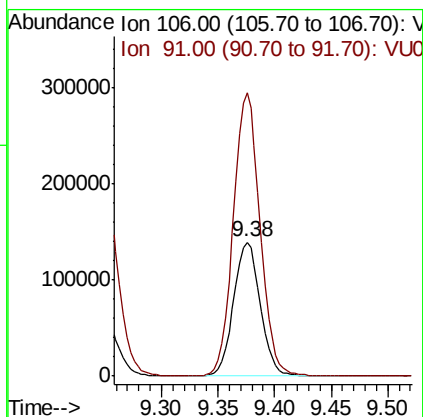
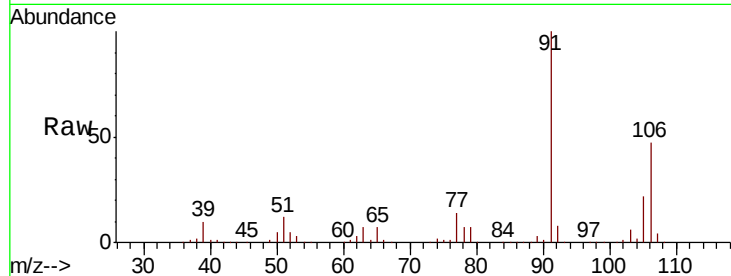
#68
m/p-Xylenes
Concen: 97.461 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion:106 Resp: 229552
Ion Ratio Lower Upper
106 100
91 210.9 166.5 249.7

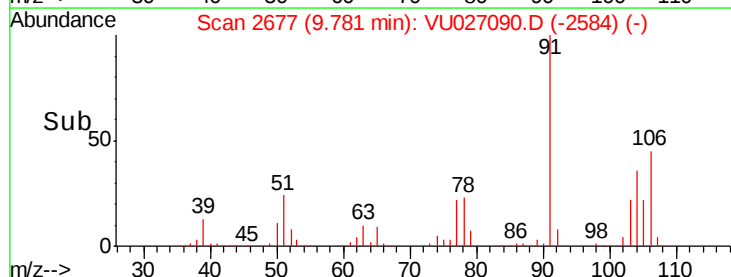
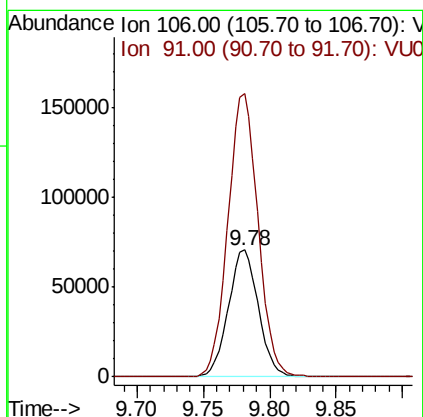
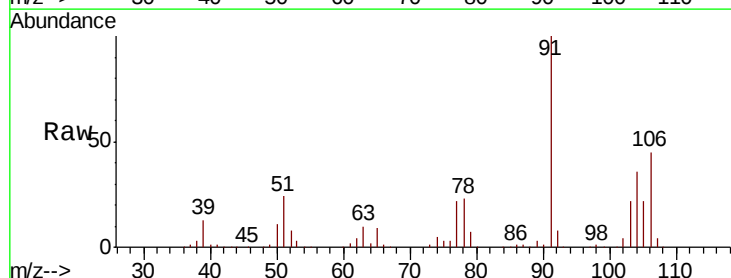
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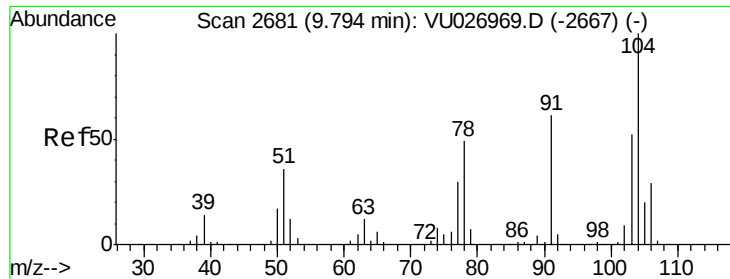
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#69
o-Xylene
Concen: 54.082 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion:106 Resp: 111486
Ion Ratio Lower Upper
106 100
91 223.4 110.2 330.6





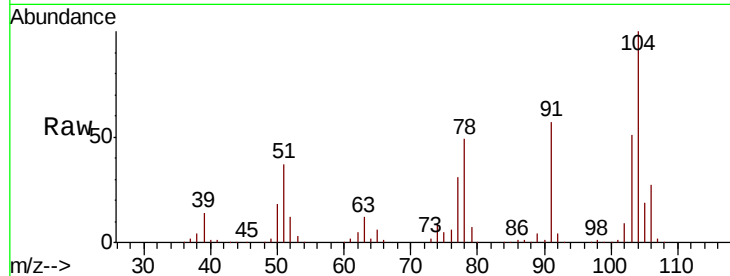
#70
Stvrene
Concen: 46.140 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

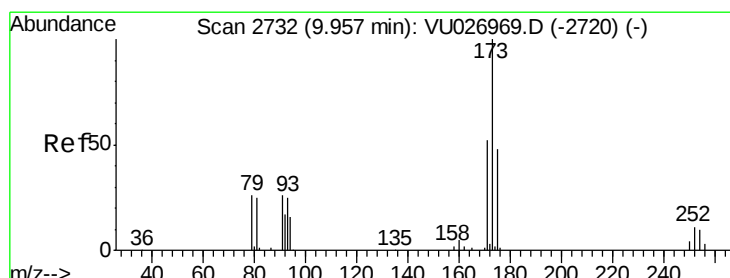
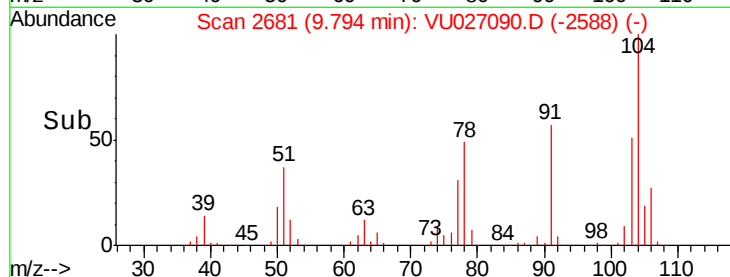
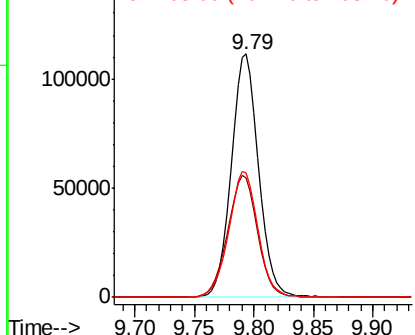
Tot Ion	Ratio	Lower	Upper
104	100		
78	54.8	43.0	64.4
103	55.4	44.1	66.1

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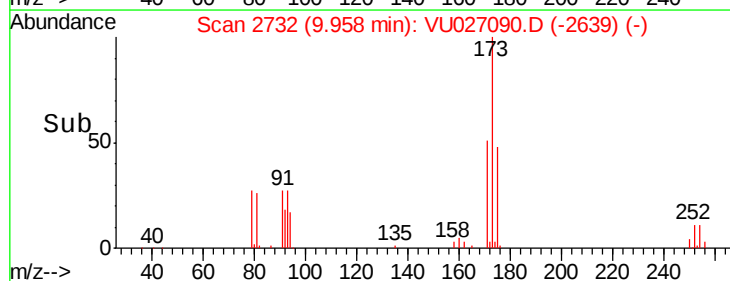
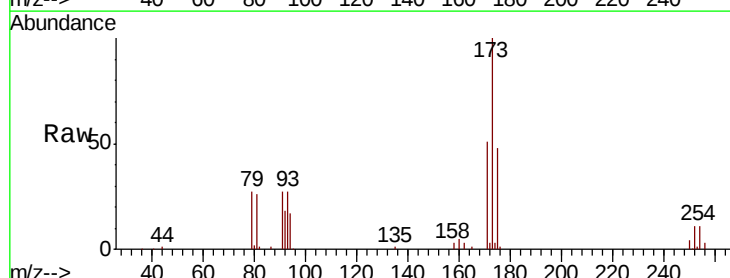
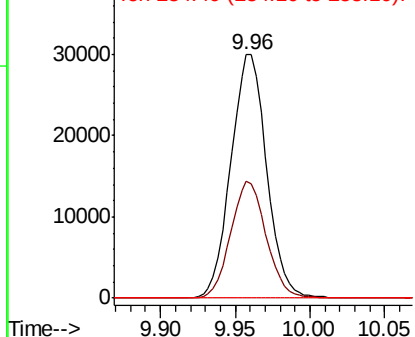
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

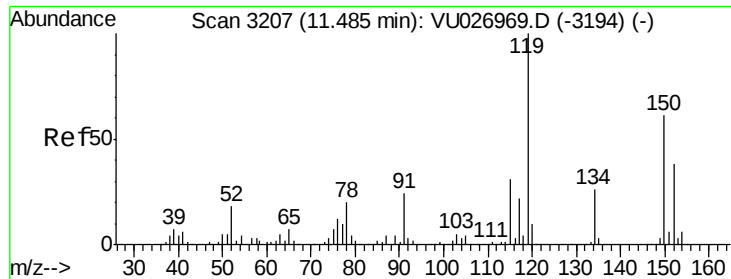


#71
Bromoform
Concen: 53.005 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.9	71.8
254	0.0	0.0	0.0

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: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

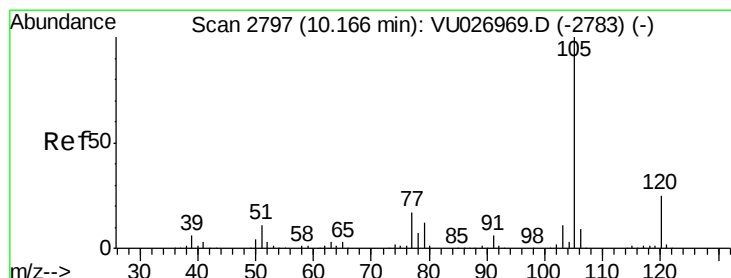
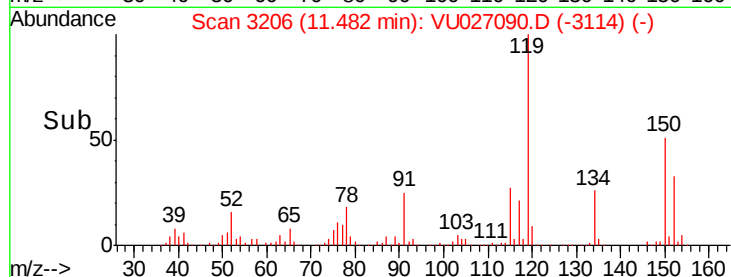
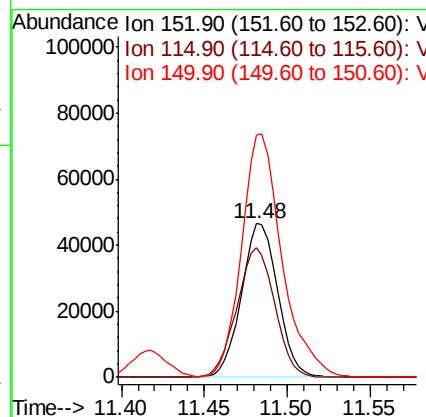
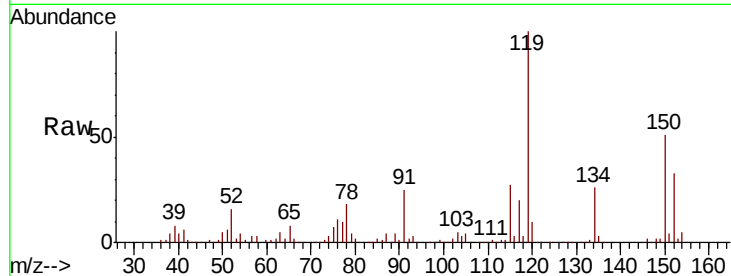
ClientSampleId :

SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	87.8	44.9	134.5
150	176.1	0.0	355.8

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#73

Isopropylbenzene

Concen: 55.945 ug/l

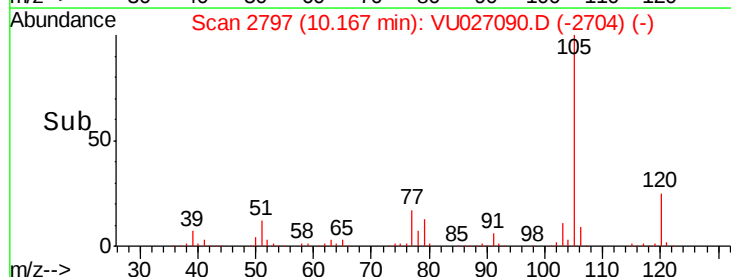
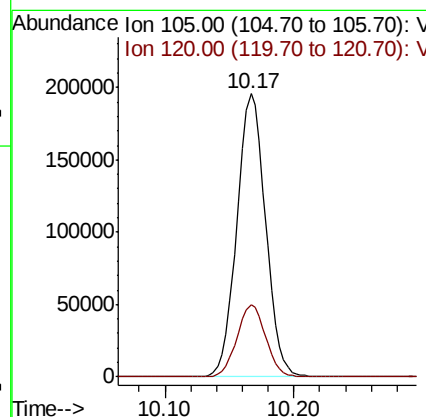
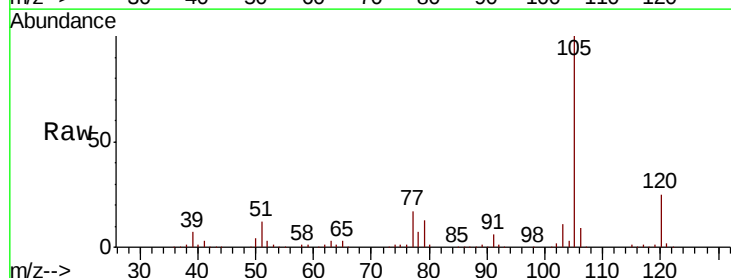
RT: 10.17 min Scan# 2797

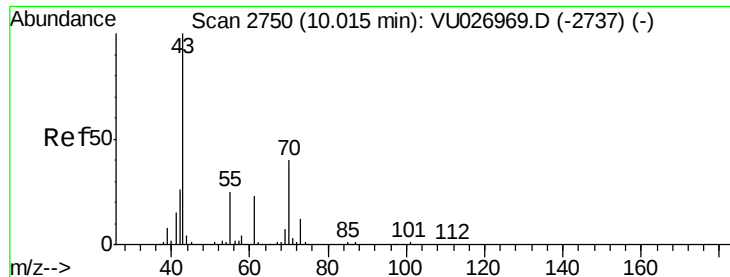
Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4





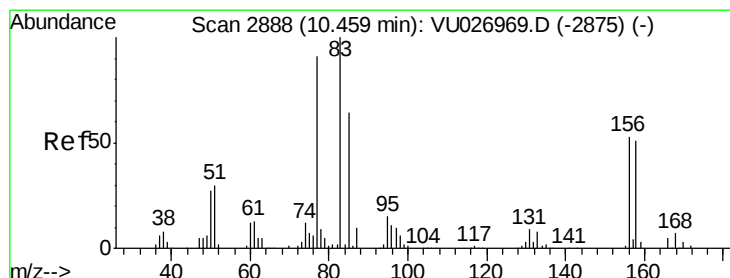
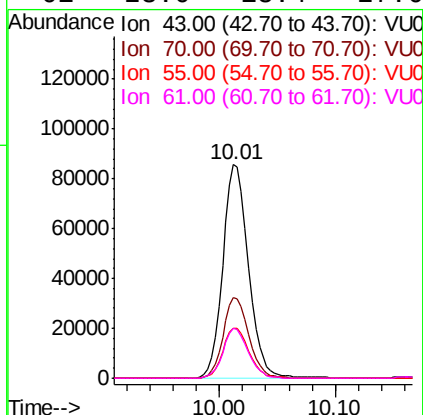
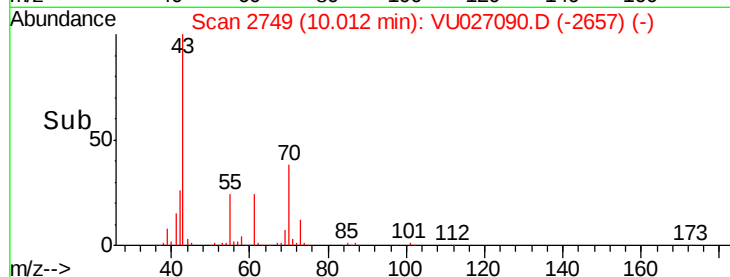
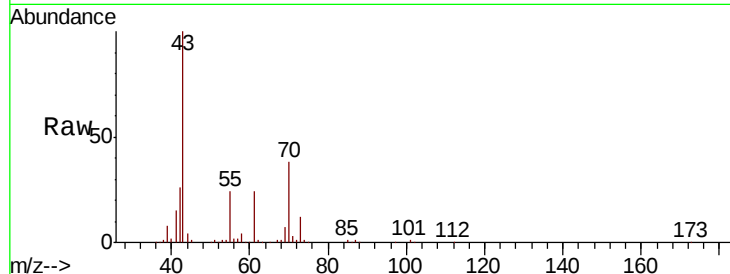
#74
N-amvl acetate
Concen: 42.084 ug/l
RT: 10.01 min Scan# 2749
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		131602		
70	37.9	31.8	47.8		
55	24.0	19.9	29.9		
61	23.0	18.4	27.6		

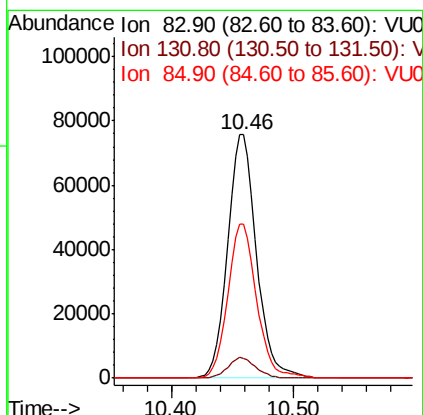
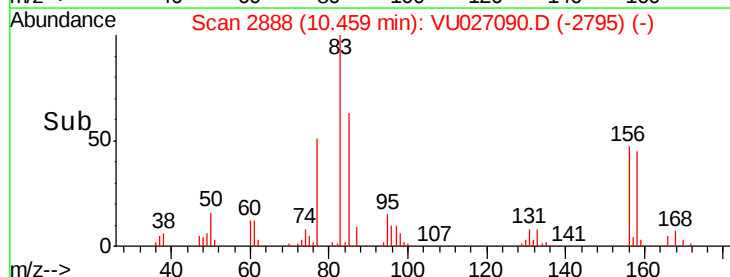
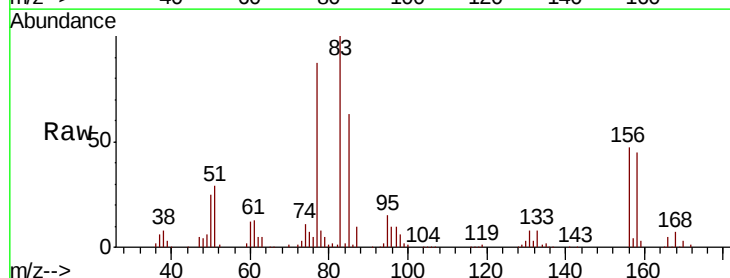
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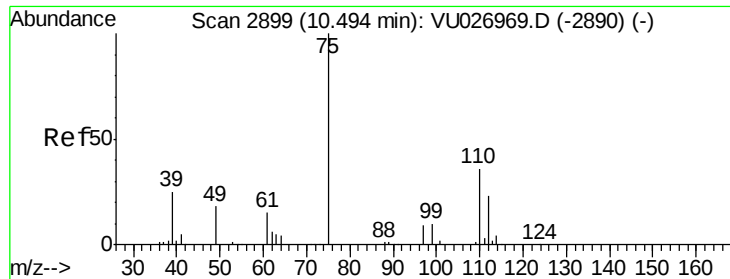
MMDadoda
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#75
1,1,2,2-Tetrachloroethane
Concen: 50.347 ug/l
RT: 10.46 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		125055		
131	8.2	4.3	12.8		
85	63.5	31.9	95.7		





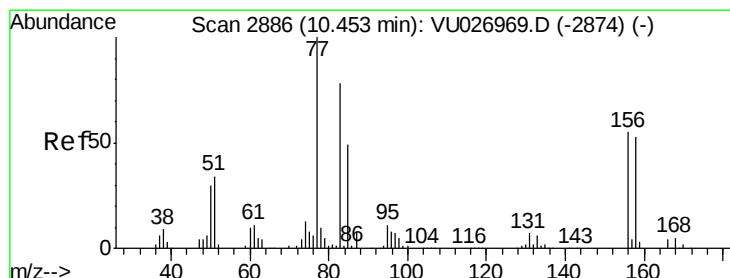
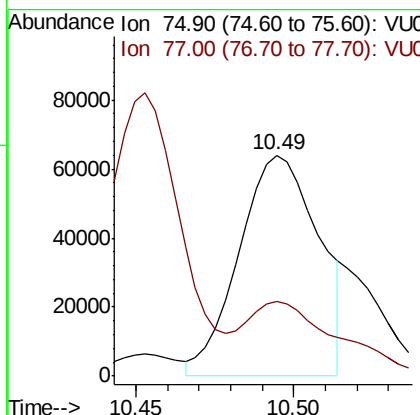
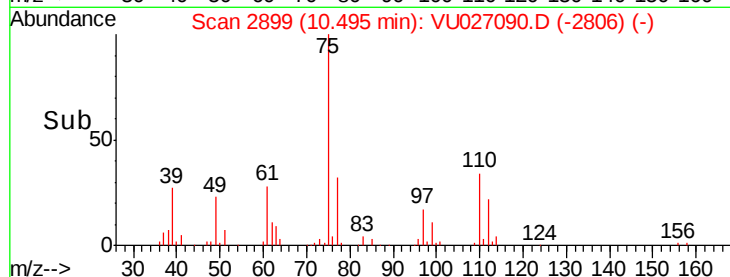
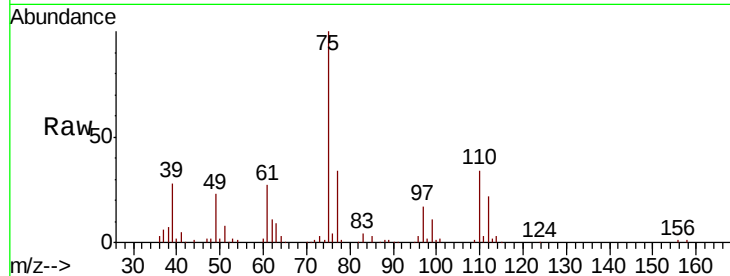
#76
 1,2,3-Trichloropropane
 Concen: 52.138 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion: 75 Resp: 112490
 Ion Ratio Lower Upper
 75 100
 77 40.1 20.9 62.8

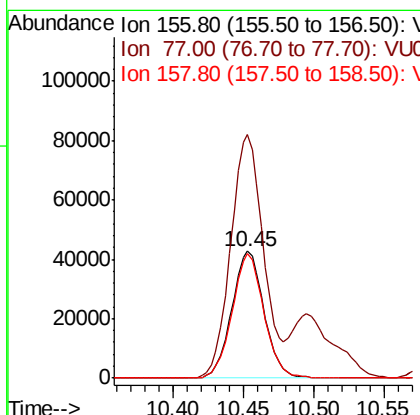
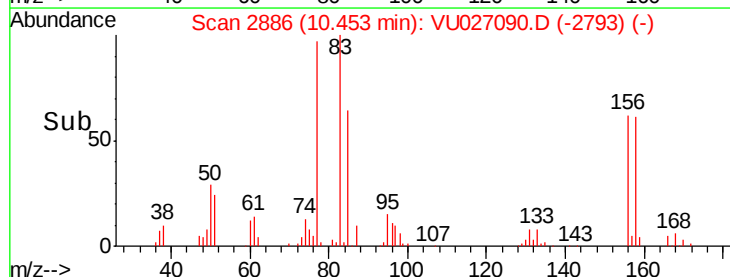
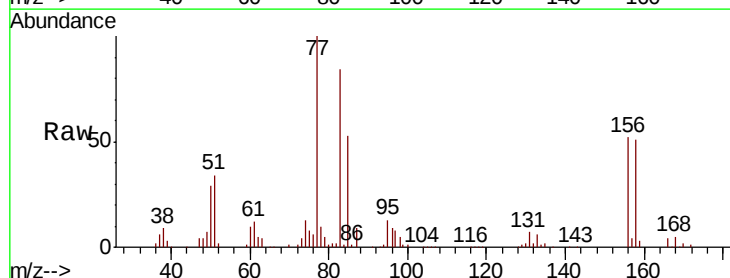
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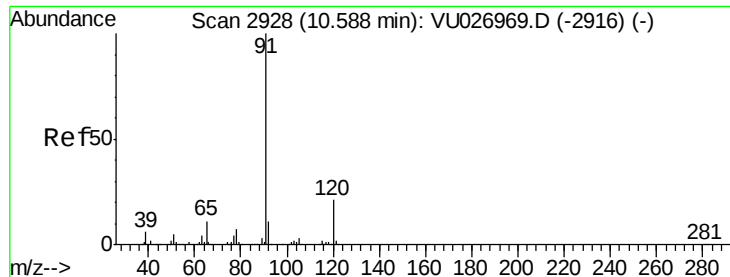
MMDadoda
 9/24/2018 4:40:39 PM



#77
 Bromobenzene
 Concen: 51.695 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 156 Resp: 68246
 Ion Ratio Lower Upper
 156 100
 77 195.5 92.3 276.9
 158 96.8 48.1 144.3





#78

n-propylbenzene

Concen: 56.371 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

Tot Ion: 91 Resp: 360337

Ion Ratio Lower Upper

91 100

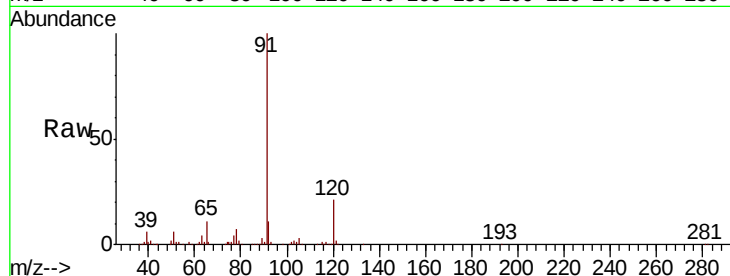
120 20.7 10.6 31.8

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Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2916) (-)

Ion 120.00 (119.70 to 120.70): VU026969.D (-2916) (-)

10.59

250000

200000

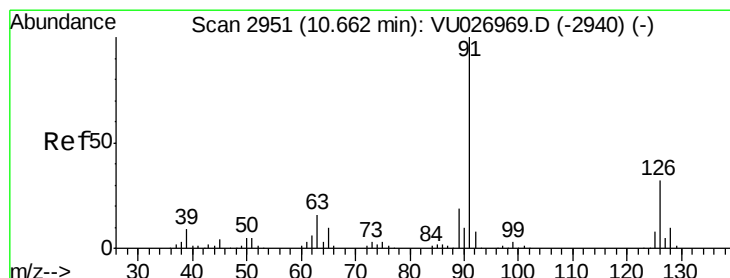
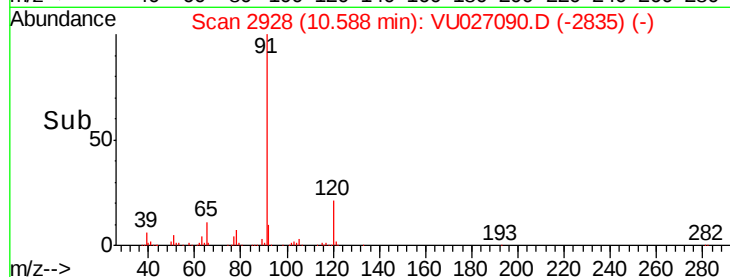
150000

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: 53.786 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027090.D

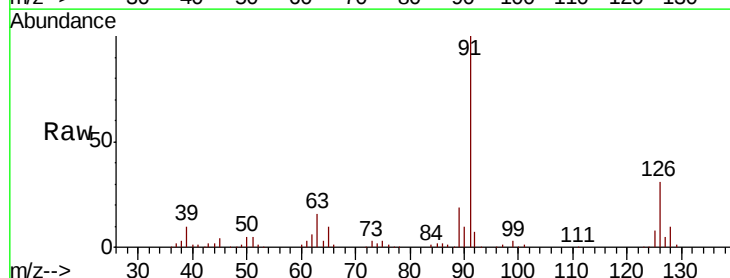
Acq: 23 Sep 2018 22:15

Tgt Ion: 91 Resp: 215959

Ion Ratio Lower Upper

91 100

126 30.9 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU026969.D (-2940) (-)

10.66

250000

200000

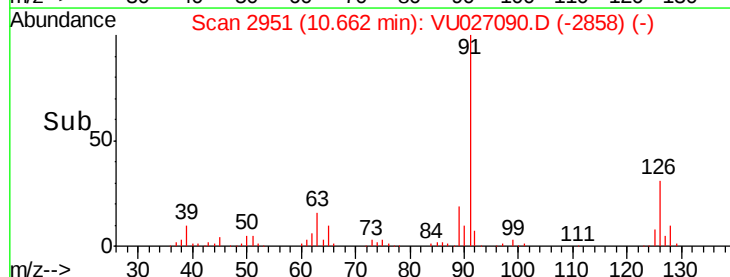
150000

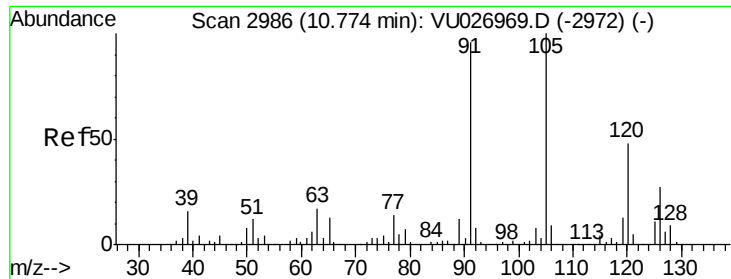
100000

50000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 55.409 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

Tot Ion:105 Resp: 247095

Ion Ratio Lower Upper

105 100

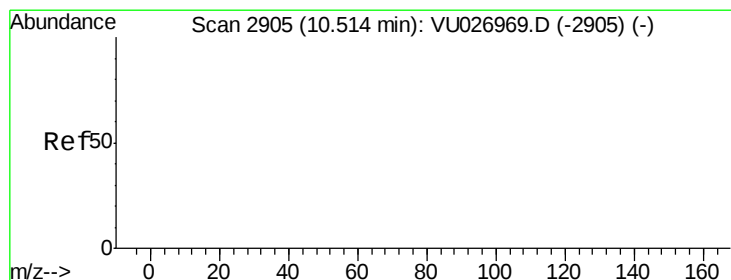
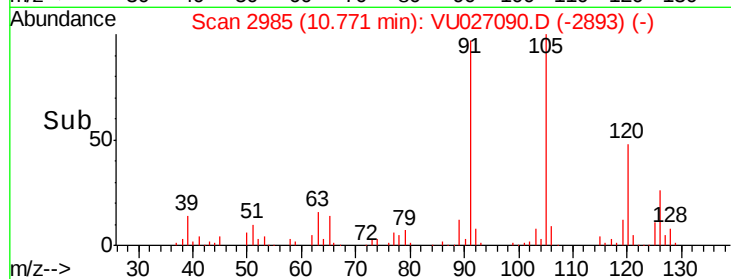
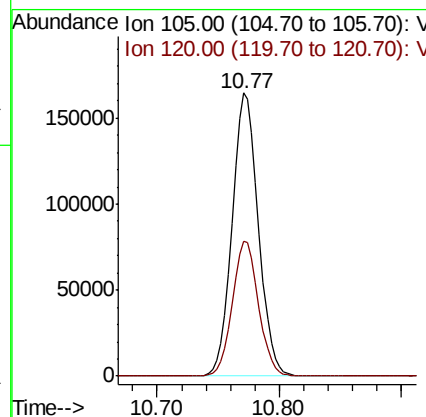
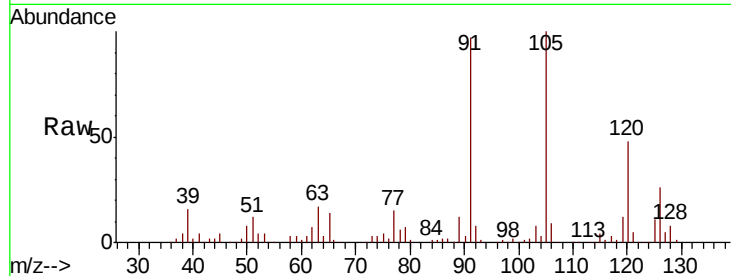
120 47.6 23.9 71.7

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#81

trans-1,4-Dichloro-2-butene

Concen: 42.612 ug/l m

RT: 10.51 min Scan# 2905

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

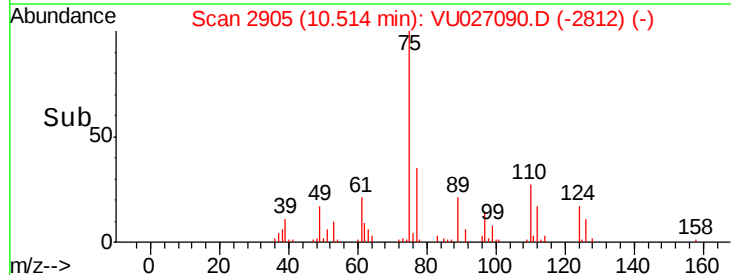
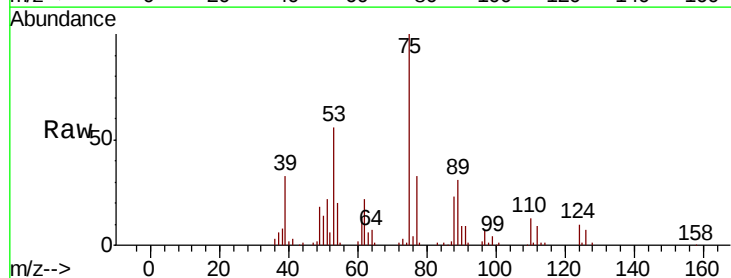
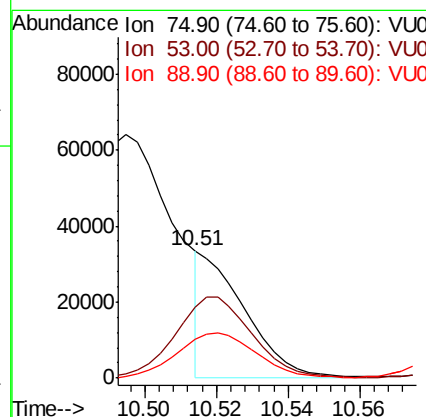
Tgt Ion: 75 Resp: 28729

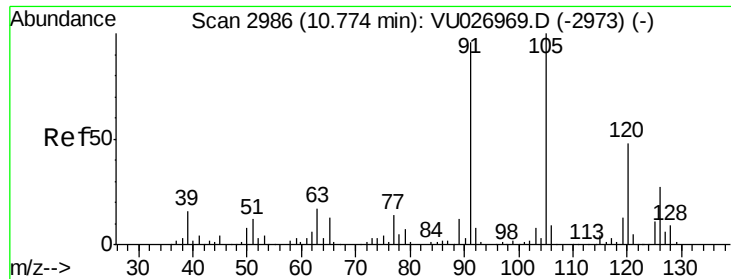
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





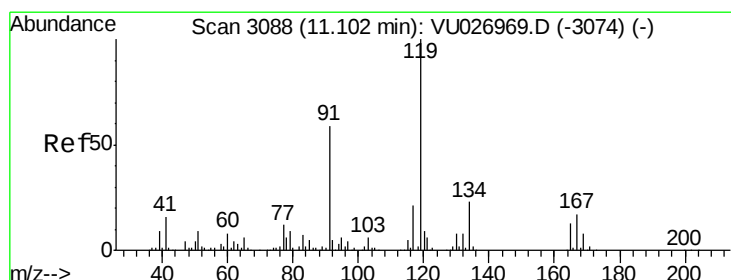
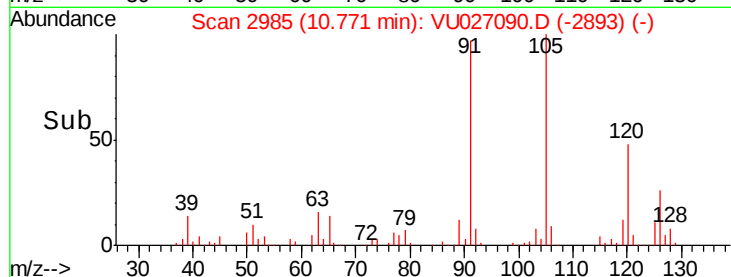
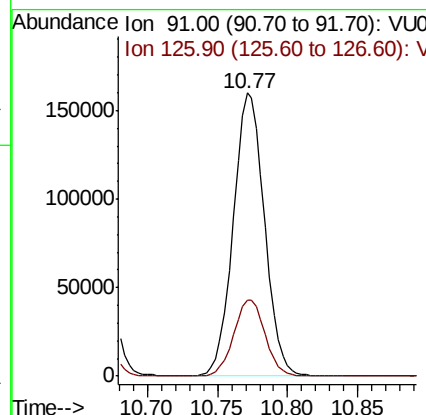
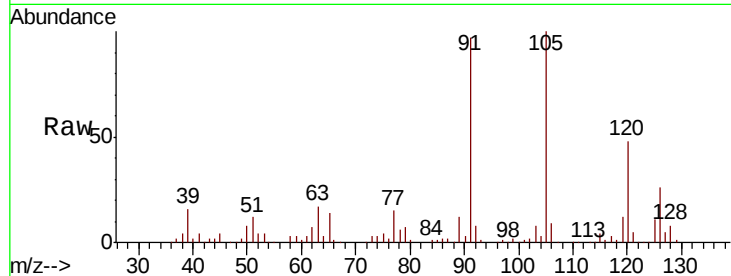
#82
4-Chlorotoluene
Concen: 54.741 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tot Ion: 91 Resp: 246449
Ion Ratio Lower Upper
91 100
126 27.2 14.1 42.2

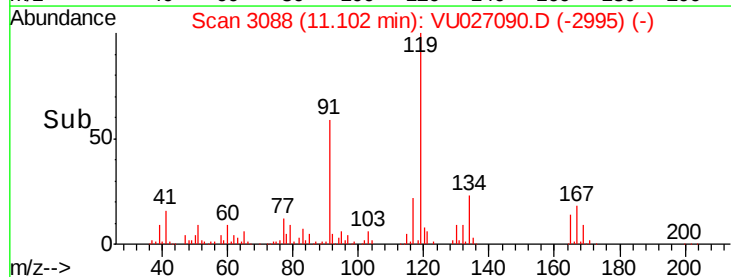
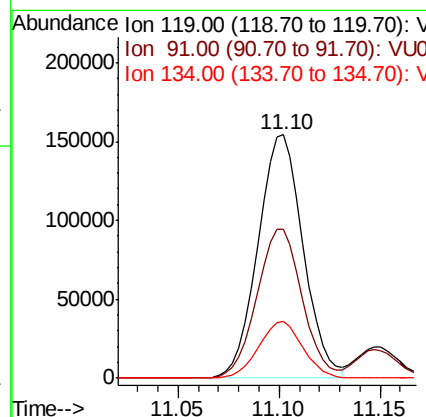
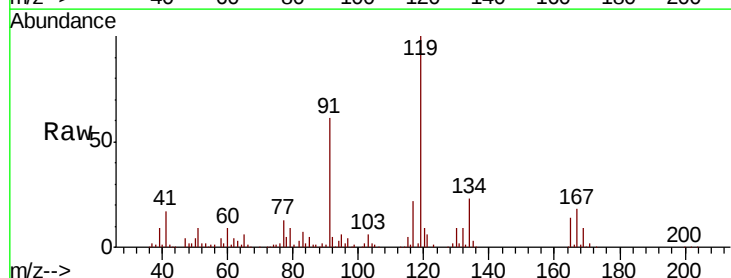
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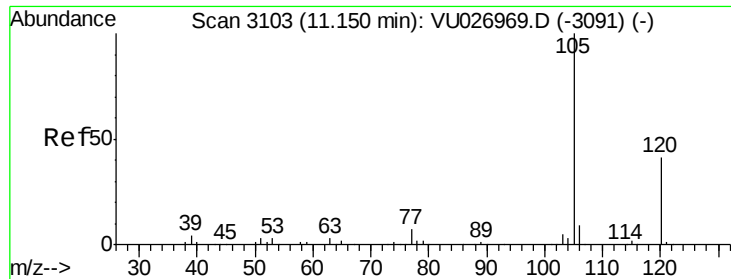
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#83
tert-Butylbenzene
Concen: 54.763 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion: 119 Resp: 241446
Ion Ratio Lower Upper
119 100
91 61.1 29.8 89.4
134 22.7 11.5 34.4





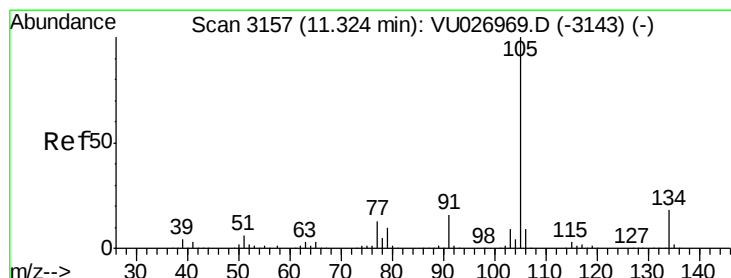
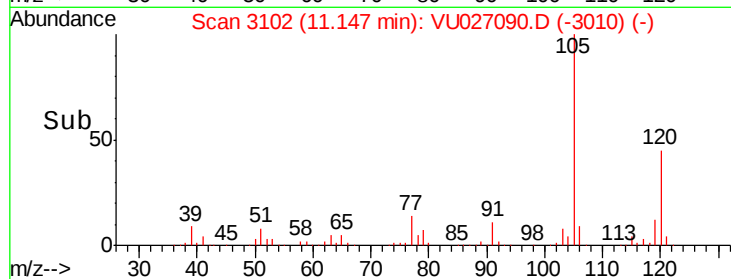
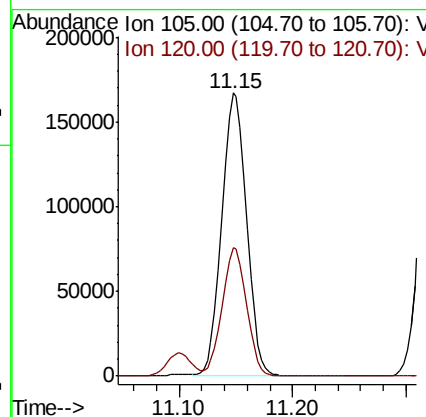
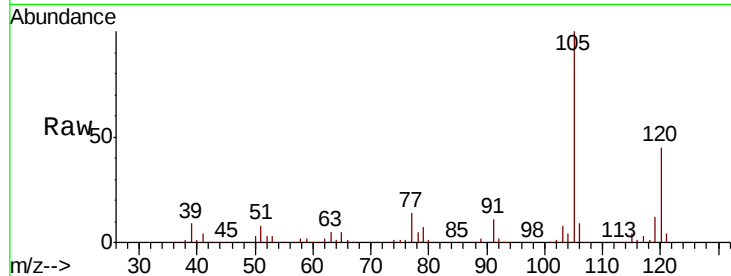
#84
 1,2,4-Trimethylbenzene
 Concen: 56.213 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion:105 Resp: 255118
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.2

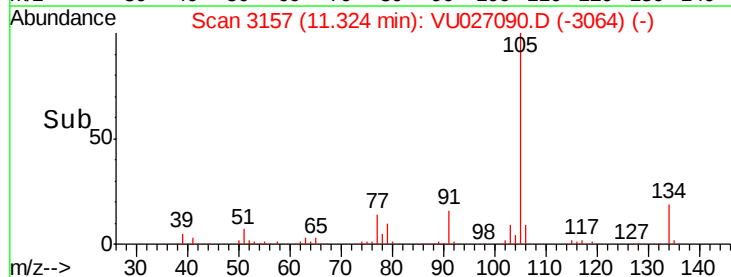
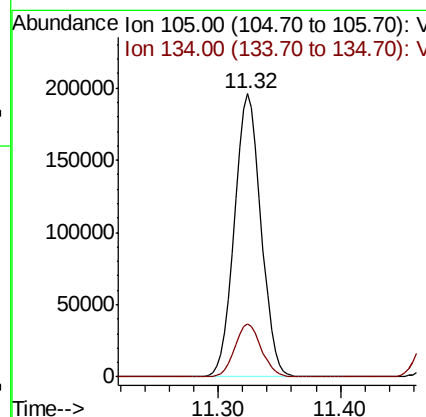
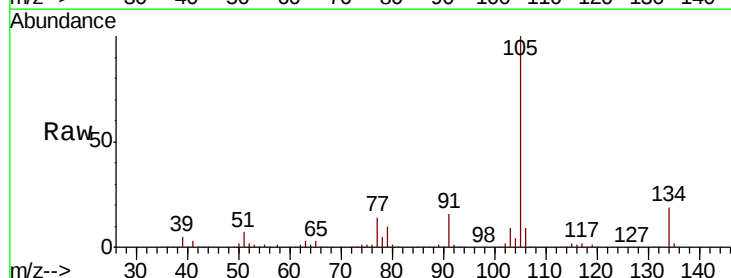
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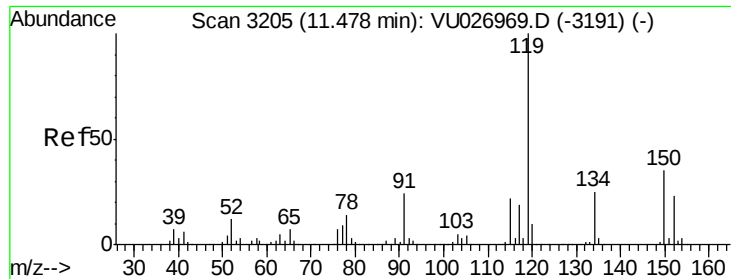
MMDadoda
 9/24/2018 4:40:39 PM



#85
 sec-Butylbenzene
 Concen: 55.314 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion:105 Resp: 297697
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2





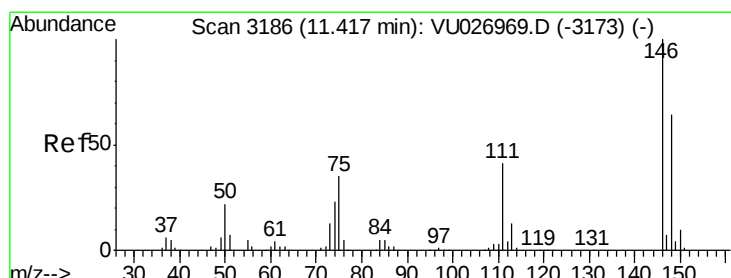
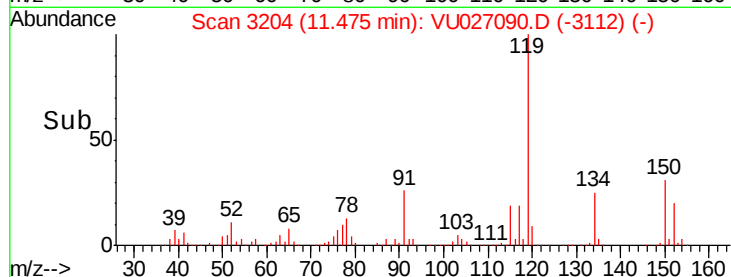
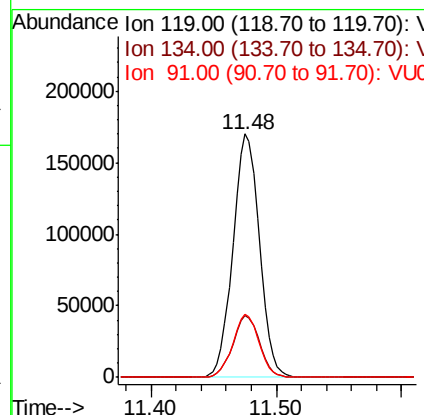
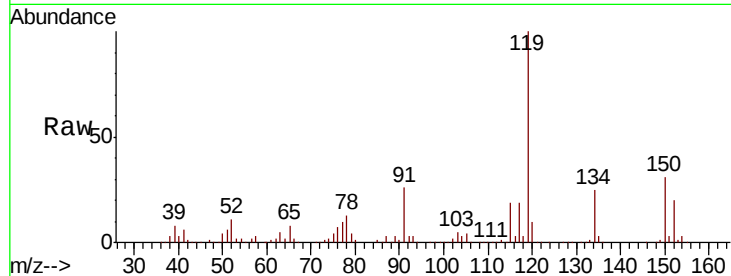
#86
 p-Isopropyltoluene
 Concen: 49.385 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	249341		
134	25.4	12.8	38.3	
91	25.5	12.3	36.8	

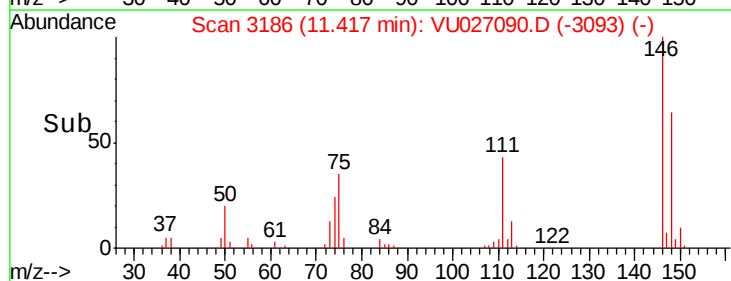
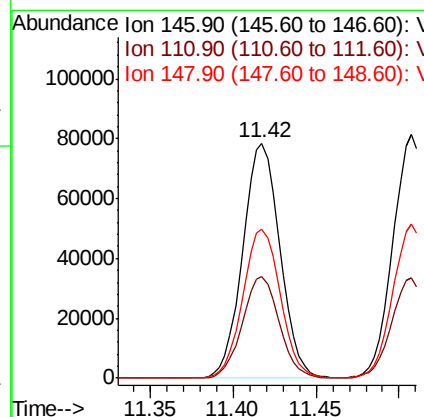
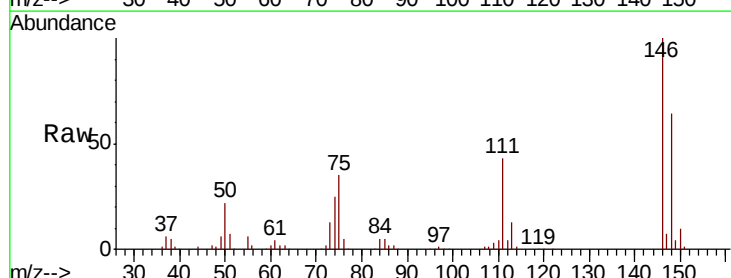
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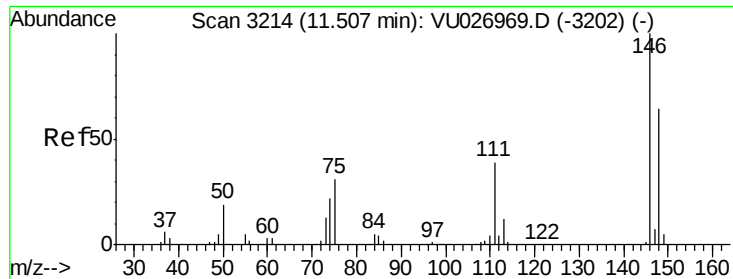
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 9/24/2018 4:40:39 PM



#87
 1,3-Dichlorobenzene
 Concen: 49.866 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122503		
111	42.9	20.8	62.2	
148	64.0	32.0	96.2	





#88

1,4-Dichlorobenzene

Concen: 46.468 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

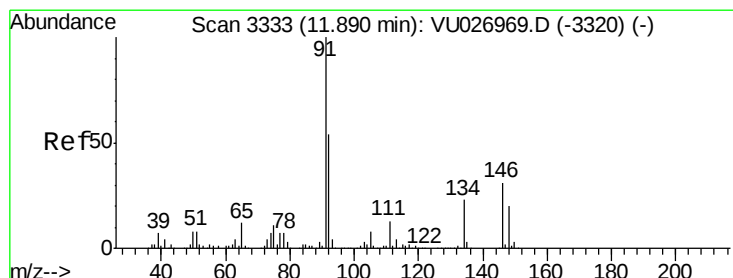
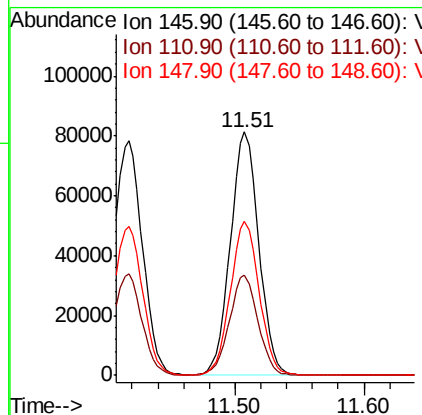
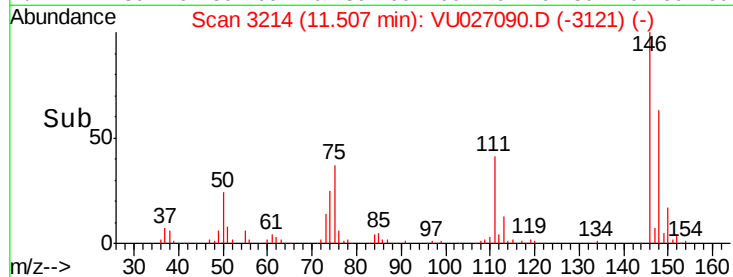
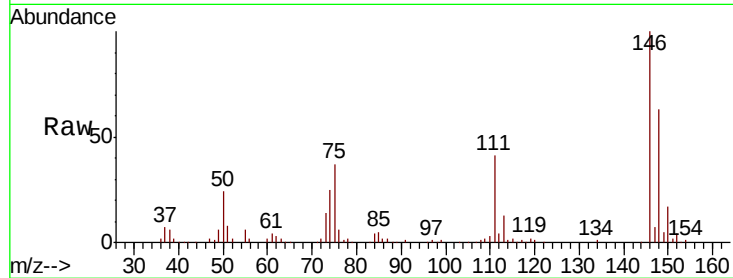
ClientSampleId :

SA-SW204-20180914MSD

Tot Ion:	146	Resp:	124418
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.3	60.9
148	64.2	31.9	95.9

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#89

n-Butylbenzene

Concen: 46.357 ug/l

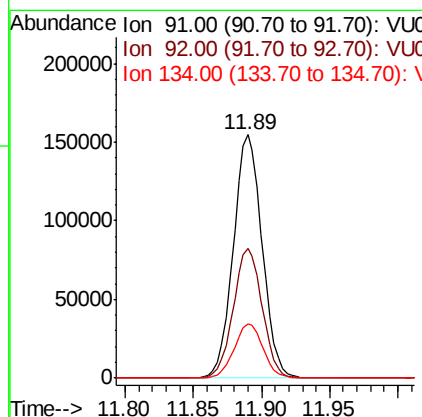
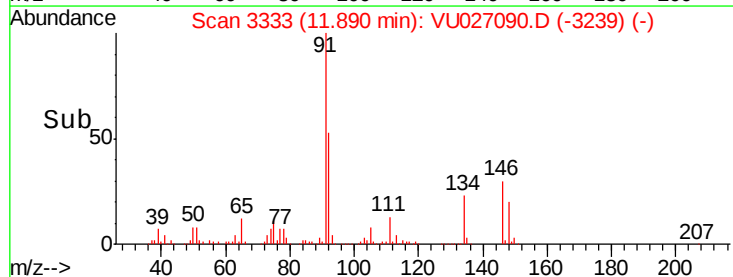
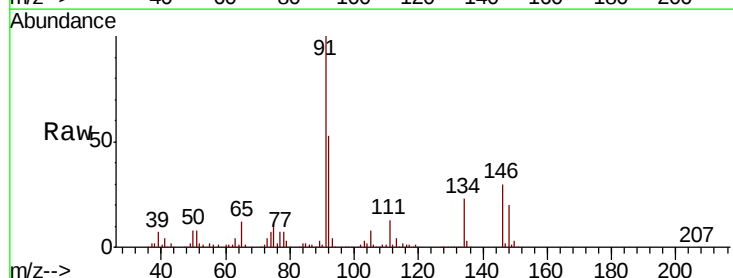
RT: 11.89 min Scan# 3333

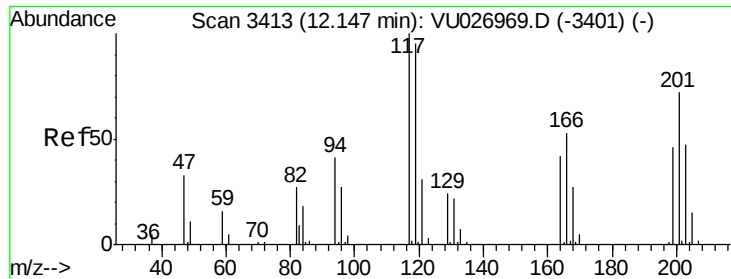
Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion:	91	Resp:	226043
Ion Ratio	Lower	Upper	
91	100		
92	53.5	27.1	81.2
134	22.4	11.7	35.0





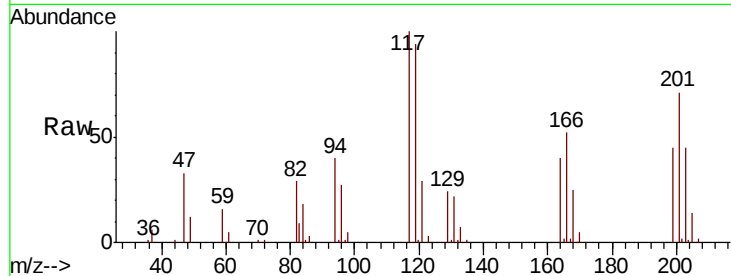
#90
Hexachloroethane
Concen: 51.172 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

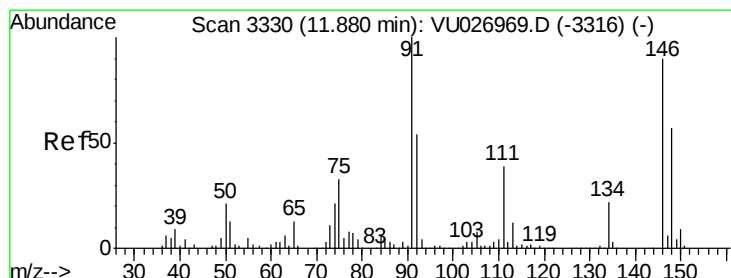
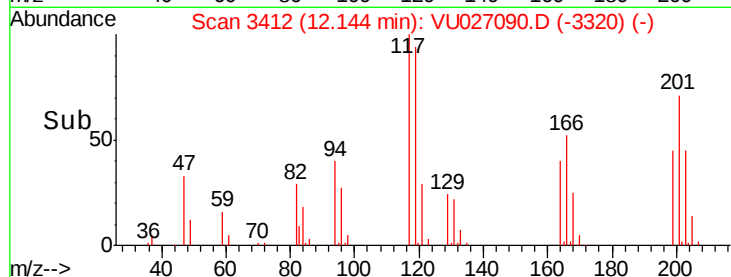
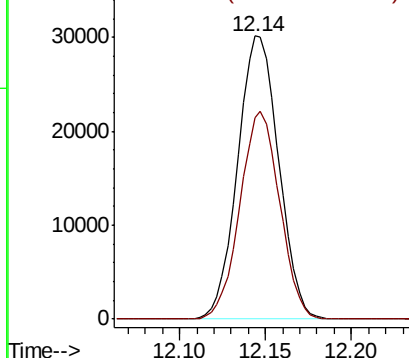
Tot Ion:117 Resp: 50082
Ion Ratio Lower Upper
117 100
201 71.1 36.8 110.3

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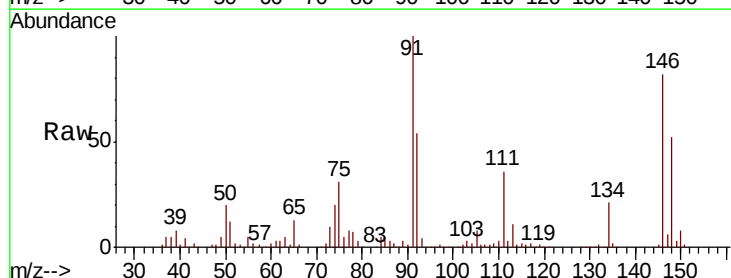


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

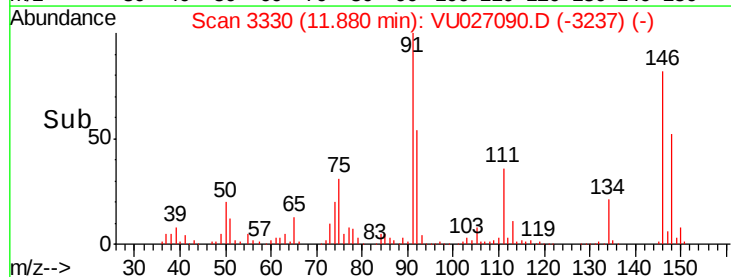
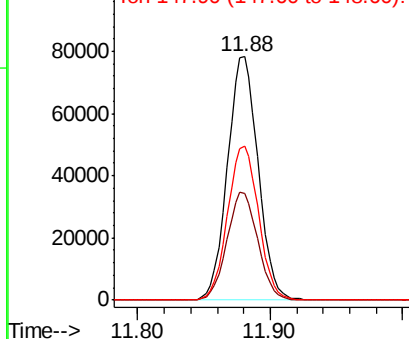


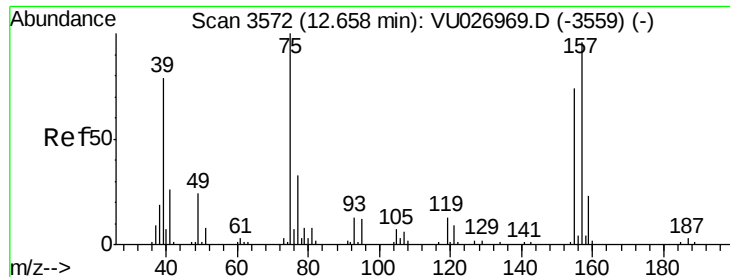
#91
1,2-Dichlorobenzene
Concen: 48.091 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion:146 Resp: 125497
Ion Ratio Lower Upper
146 100
111 44.4 21.8 65.3
148 63.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





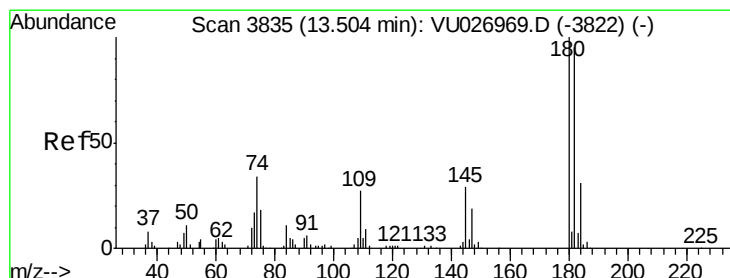
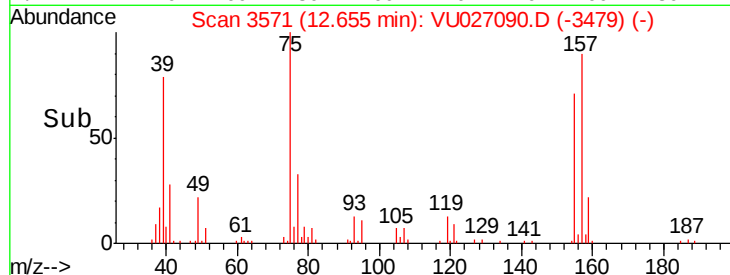
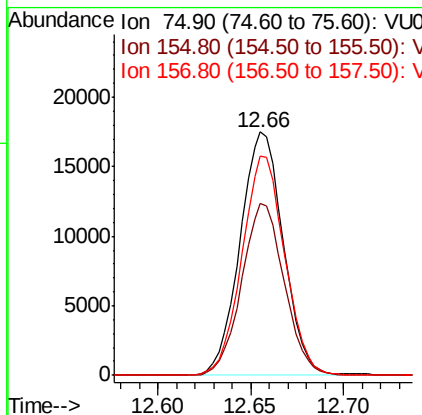
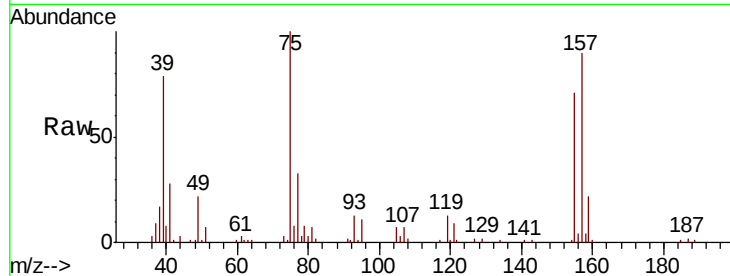
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.899 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	69.3	36.6	109.8
157	89.0	47.4	142.2

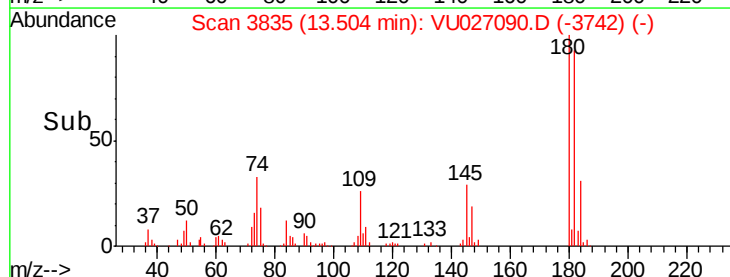
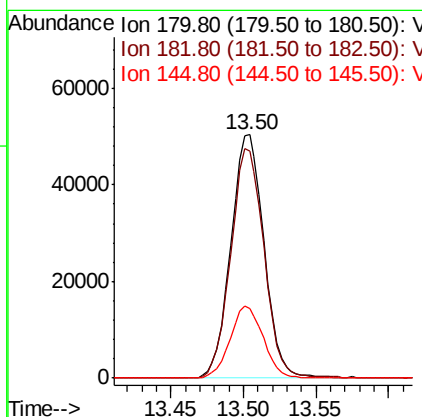
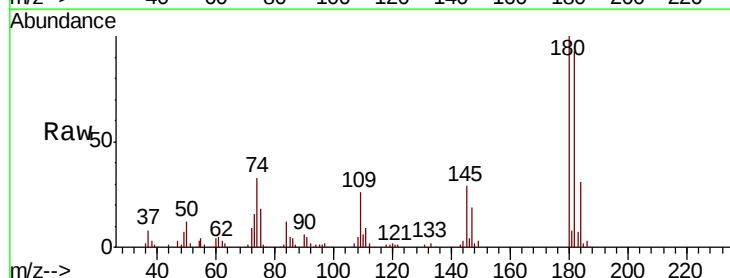
Manual Integrations
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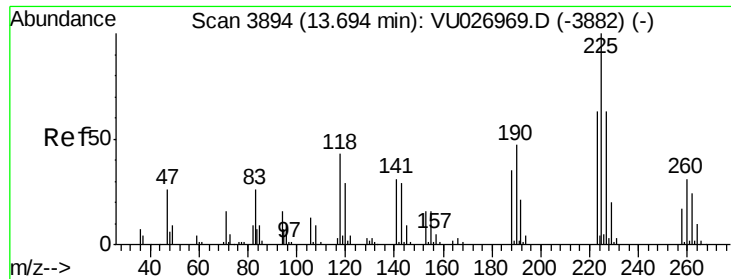
MMDadoda
 9/24/2018 4:40:39 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 53.071 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.2
145	29.6	14.9	44.5





#94

Hexachlorobutadiene

Concen: 45.715 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

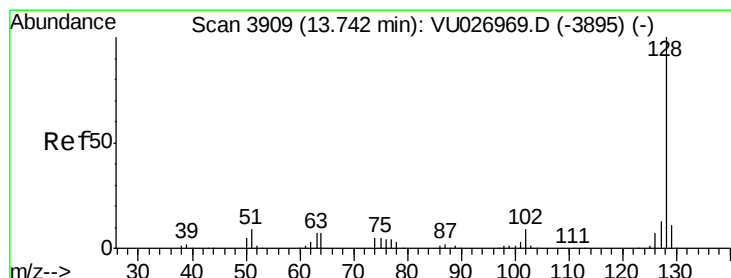
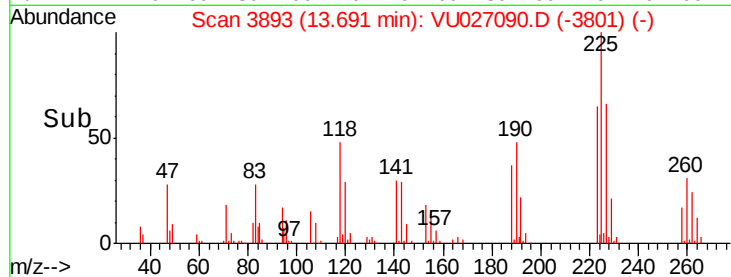
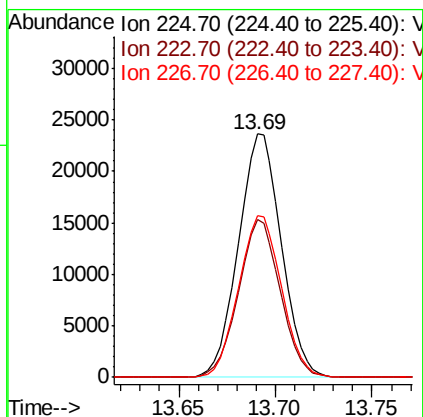
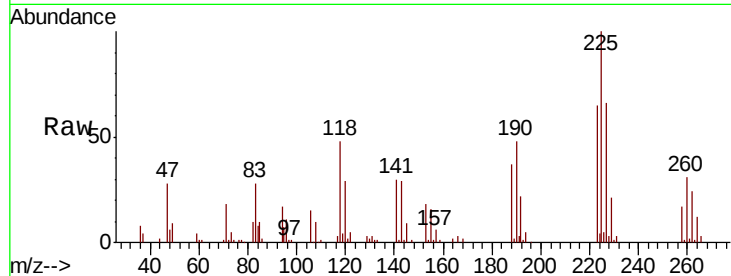
ClientSampleId :

SA-SW204-20180914MSD

Tot Ion:	225	Resp:	36375
Ion Ratio		Lower	Upper
225	100		
223	63.1	31.9	95.7
227	66.3	32.1	96.5

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#95

Naphthalene

Concen: 51.565 ug/l

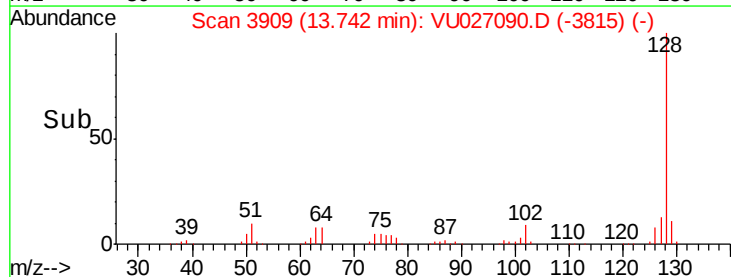
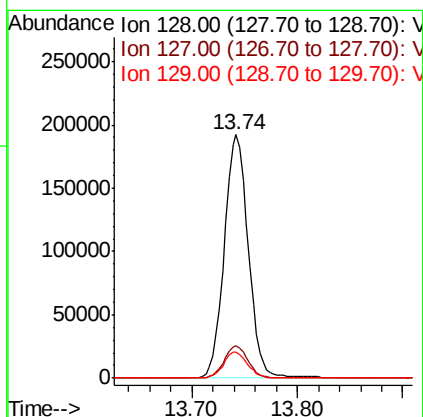
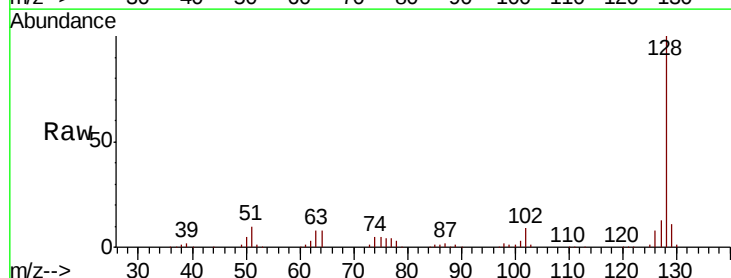
RT: 13.74 min Scan# 3909

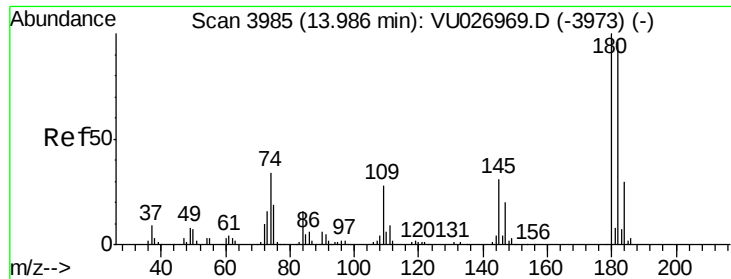
Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion:	128	Resp:	303510
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.7	8.6	12.8





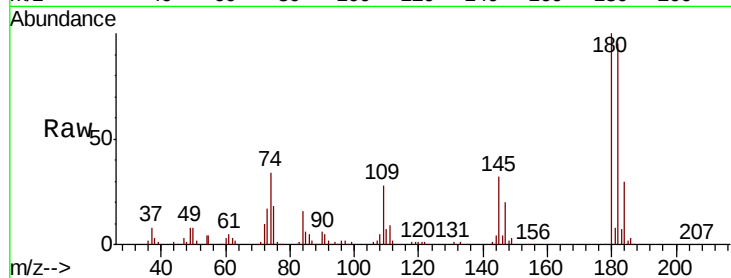
#96
 1,2,3-Trichlorobenzene
 Concen: 53.499 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.5
145	32.0	15.4	46.4

Manual Integrations
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MMDadoda
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

