

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024797.D
 Acq On : 21 Jun 2018 08:05
 Operator : MD/SY
 Sample : J3585-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Manual Integrations
 APPROVED

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 6/21/2018 1:45:13 PM

Quant Time: Jun 21 08:58:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	171954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269396	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	258817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	125767	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
35) Dibromofluoromethane	4.89	113	100824	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
50) Toluene-d8	7.57	98	362528	44.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.90%	
62) 4-Bromofluorobenzene	10.31	95	144277	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	95747	44.49	ug/l	98
3) Chloromethane	1.33	50	97960	44.55	ug/l	100
4) Vinyl Chloride	1.40	62	103754	45.75	ug/l	98
5) Bromomethane	1.62	94	63857	58.25	ug/l	98
6) Chloroethane	1.70	64	67205	53.10	ug/l	98
7) Trichlorofluoromethane	1.89	101	164142	47.43	ug/l	98
8) Diethyl Ether	2.10	74	62038	52.78	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	90402	42.11	ug/l	95
10) Methyl Iodide	2.41	142	88922	49.05	ug/l	98
11) Tert butyl alcohol	2.82	59	139408	204.19	ug/l	99
12) 1,1-Dichloroethene	2.29	96	88906	45.41	ug/l	91
13) Acrolein	2.19	56	70225	195.87	ug/l	97
14) Allyl chloride	2.60	41	142336	39.15	ug/l	98
15) Acrylonitrile	2.93	53	299607	225.55	ug/l	98
16) Acetone	2.32	43	271440	179.96	ug/l	99
17) Carbon Disulfide	2.48	76	256774	40.96	ug/l	99
18) Methyl Acetate	2.61	43	139266	43.07	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	340639	46.28	ug/l	98
20) Methylene Chloride	2.70	84	103426	43.70	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	97478	45.20	ug/l	96
22) Diisopropyl ether	3.57	45	340866	47.30	ug/l	96
23) Vinyl Acetate	3.53	43	1323956	205.09	ug/l	99
24) 1,1-Dichloroethane	3.45	63	191813	46.27	ug/l	99
25) 2-Butanone	4.26	43	441649	217.99	ug/l	96
26) 2,2-Dichloropropane	4.23	77	114435	29.07	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	115885	46.74	ug/l	94
28) Bromochloromethane	4.55	49	84385	46.21	ug/l	84
29) Tetrahydrofuran	4.63	42	283325	225.82	ug/l	95
30) Chloroform	4.68	83	204614	48.76	ug/l	99
31) Cyclohexane	5.00	56	173405	46.98	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	180101	46.41	ug/l	97
36) 1,1-Dichloropropene	5.14	75	142973	45.16	ug/l	97
37) Ethyl Acetate	4.38	43	153832	44.59	ug/l	98
38) Carbon Tetrachloride	5.14	117	164117	47.15	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	174072	44.06	ug/l	93
40) Benzene	5.39	78	425449	47.17	ug/l	99
41) Methacrylonitrile	4.54	41	94815	50.97	ug/l	99
42) 1,2-Dichloroethane	5.41	62	168813	49.14	ug/l	100
43) Isopropyl Acetate	5.55	43	255169	42.79	ug/l	98
44) Trichloroethene	6.19	130	116510	45.38	ug/l	99
45) 1,2-Dichloropropane	6.44	63	116404	48.36	ug/l	99
46) Dibromomethane	6.56	93	83026	49.11	ug/l	95
47) Bromodichloromethane	6.76	83	161246	47.90	ug/l	98
48) Methyl methacrylate	6.62	41	136103	46.87	ug/l	97
49) 1,4-Dioxane	6.61	88	61949	1090.78	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	886743	236.66	ug/l	98
52) Toluene	7.64	92	271003	46.70	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	164640	43.55	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	172446	42.81	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	114241	48.43	ug/l	99
56) Ethyl methacrylate	8.02	69	187173	47.41	ug/l	98
57) 1,3-Dichloropropane	8.25	76	194259	48.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	420	0.28	ug/l #	50
59) 2-Hexanone	8.36	43	702717	229.72	ug/l	100
60) Dibromochloromethane	8.48	129	134389	45.68	ug/l	99
61) 1,2-Dibromoethane	8.59	107	125823	47.92	ug/l	98
64) Tetrachloroethene	8.23	164	102861	41.81	ug/l	99
65) Chlorobenzene	9.12	112	314676	47.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	120057	47.79	ug/l	98
67) Ethyl Benzene	9.25	91	542100	46.77	ug/l	96
68) m/p-Xylenes	9.38	106	421960	94.80	ug/l	96
69) o-Xylene	9.78	106	211074	47.92	ug/l	96
70) Styrene	9.80	104	344265	47.56	ug/l	99
71) Bromoform	9.96	173	107840	45.17	ug/l #	99
73) Isopropylbenzene	10.17	105	567047	47.59	ug/l	99
74) N-amyl acetate	10.01	43	230855	40.73	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	195623	48.99	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	162069m	47.43	ug/l	
77) Bromobenzene	10.45	156	145968	48.39	ug/l	95
78) n-propylbenzene	10.59	91	638994	45.52	ug/l	97
79) 2-Chlorotoluene	10.66	91	387088	46.76	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	490096	47.45	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	52016m	35.23	ug/l	
82) 4-Chlorotoluene	10.78	91	444898	46.18	ug/l	99
83) tert-Butylbenzene	11.10	119	489917	49.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	499743	47.48	ug/l	100
85) sec-Butylbenzene	11.33	105	579990	46.64	ug/l	97
86) p-Isopropyltoluene	11.48	119	519704	46.66	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264244	47.41	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	269121	47.97	ug/l	99
89) n-Butylbenzene	11.89	91	429353	43.42	ug/l	97
90) Hexachloroethane	12.15	117	93906	43.22	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	273431	48.98	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	52571	47.71	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	186036	53.96	ug/l	99
94) Hexachlorobutadiene	13.70	225	88285	45.50	ug/l	99
95) Naphthalene	13.74	128	616078	53.93	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	192135	55.93	ug/l	99

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

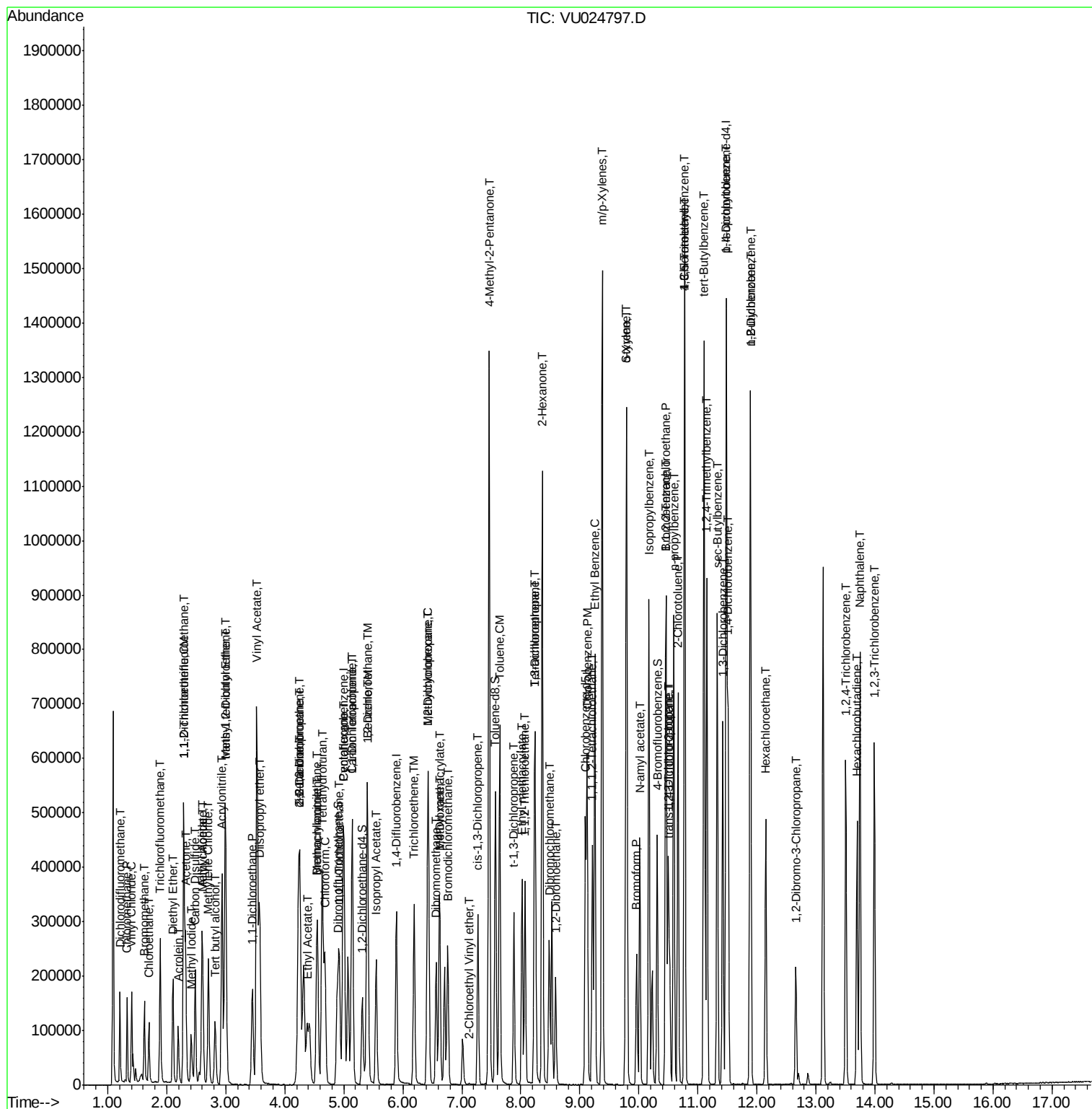
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Data File : VU024797.D
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion:168 Resp: 171954

Ion Ratio Lower Upper

168 100

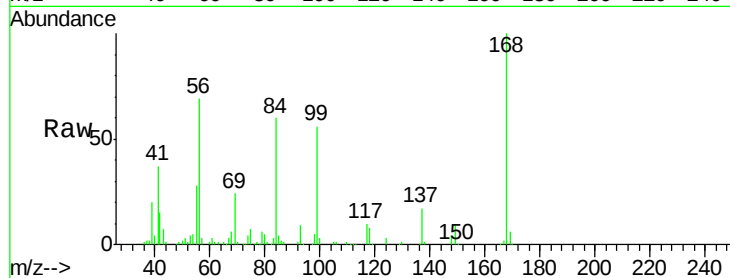
99 55.3 43.2 64.8

Manual Integrations

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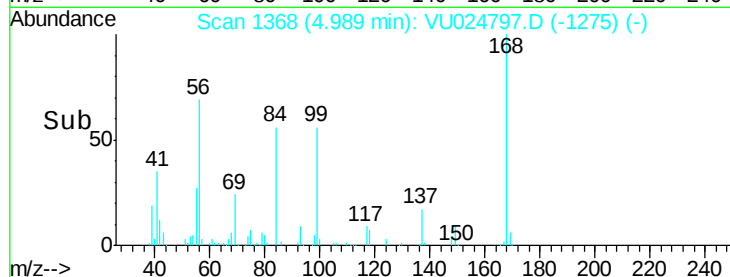
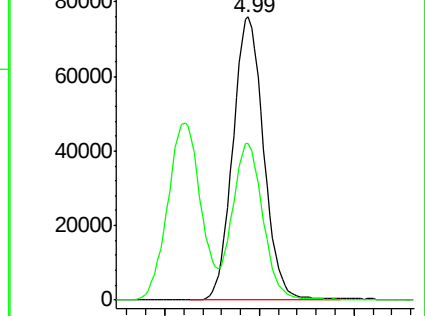
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 44.49 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024797.D

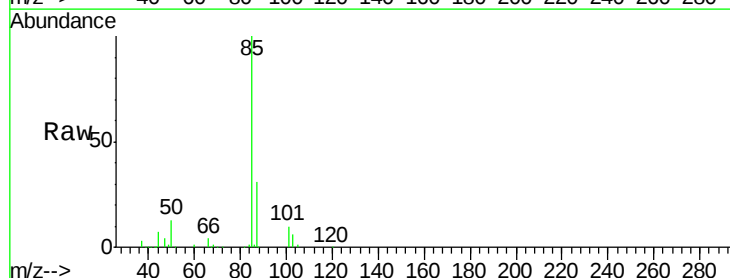
Acq: 21 Jun 2018 08:05

Tgt Ion: 85 Resp: 95747

Ion Ratio Lower Upper

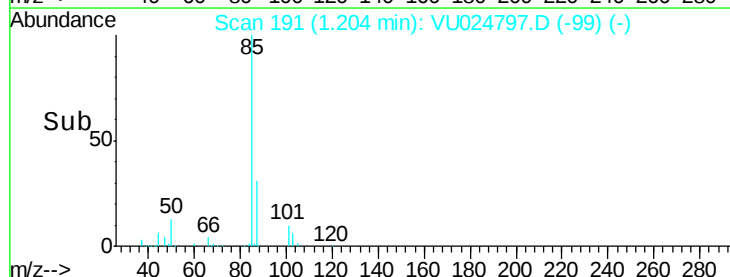
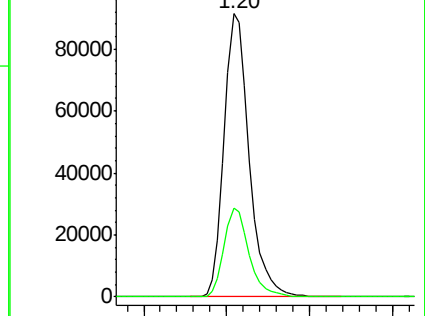
85 100

87 31.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 44.55 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion: 50 Resp: 97960

Ion Ratio Lower Upper

50 100

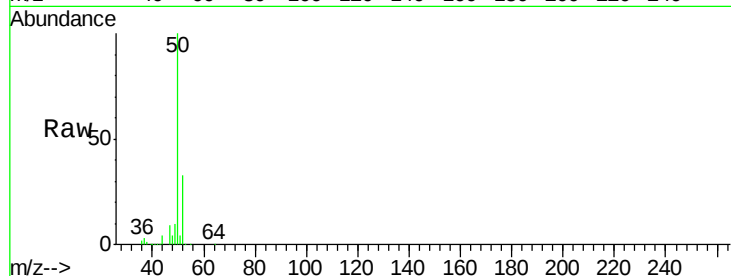
52 33.2 26.4 39.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VU024797.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU024797.D (-137) (-)

1.33

100000

80000

60000

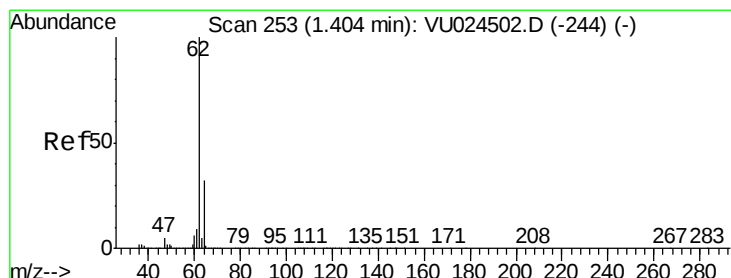
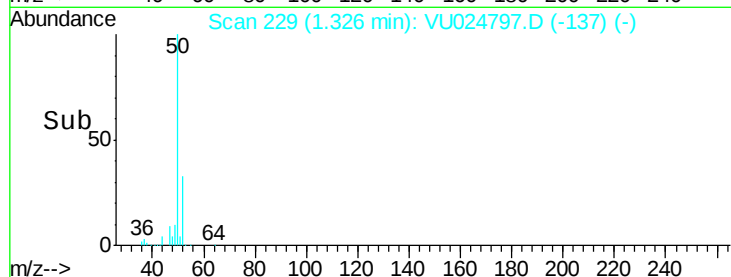
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 45.75 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024797.D

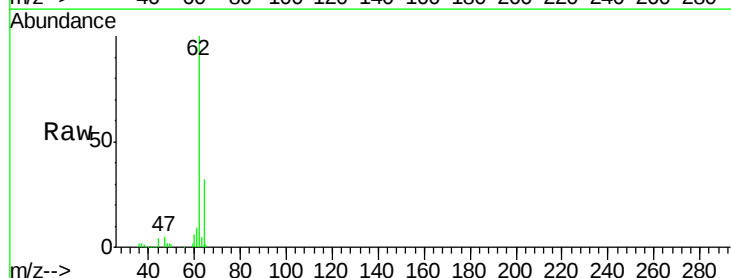
Acq: 21 Jun 2018 08:05

Tgt Ion: 62 Resp: 103754

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024797.D (-160) (-)

Ion 63.90 (63.60 to 64.60): VU024797.D (-160) (-)

1.40

100000

80000

60000

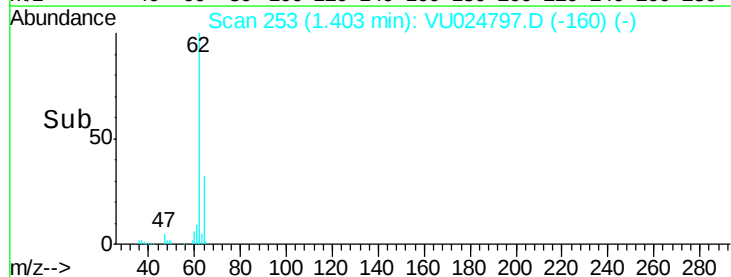
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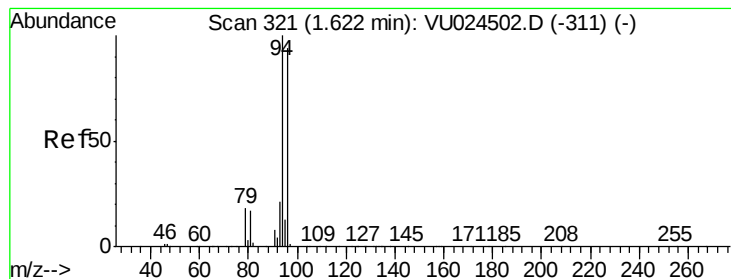
20000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 58.25 ug/l

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion: 94 Resp: 63857

Ion Ratio Lower Upper

94 100

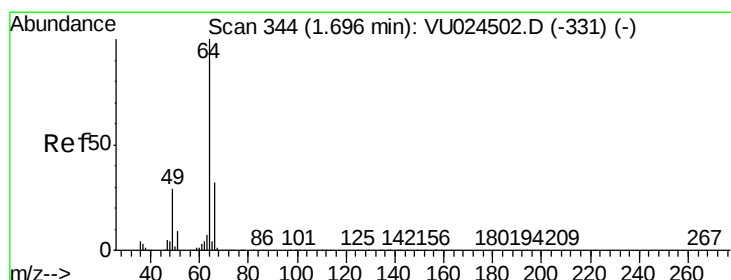
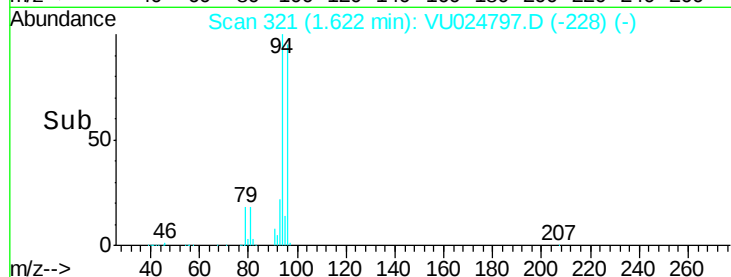
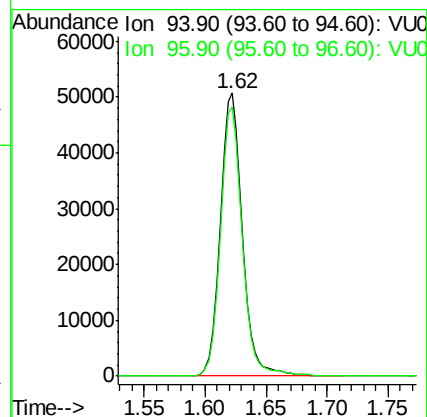
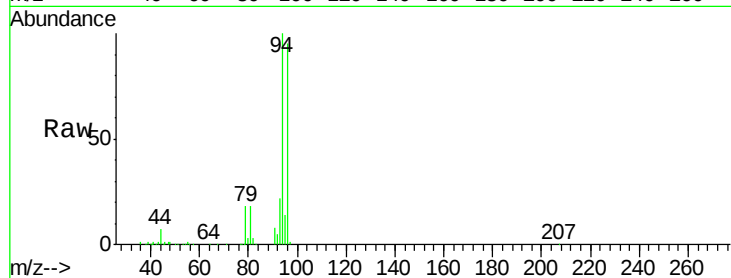
96 95.5 74.5 111.7

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#6

Chloroethane

Concen: 53.10 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024797.D

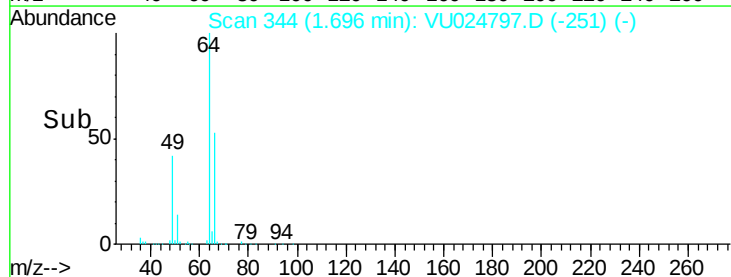
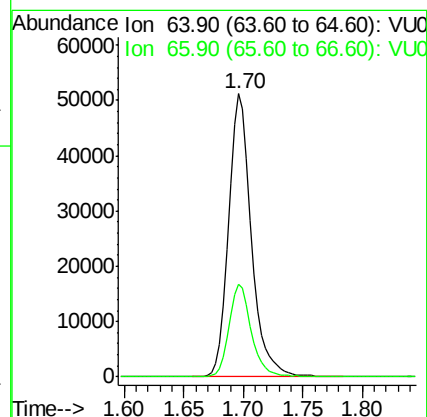
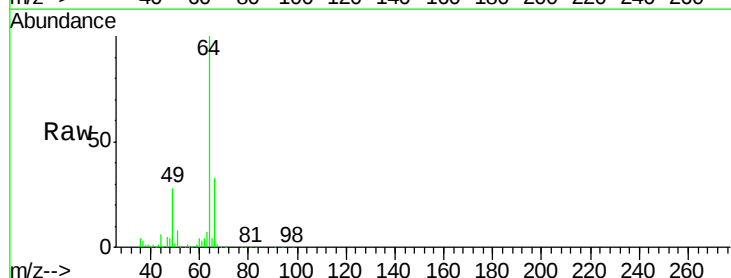
Acq: 21 Jun 2018 08:05

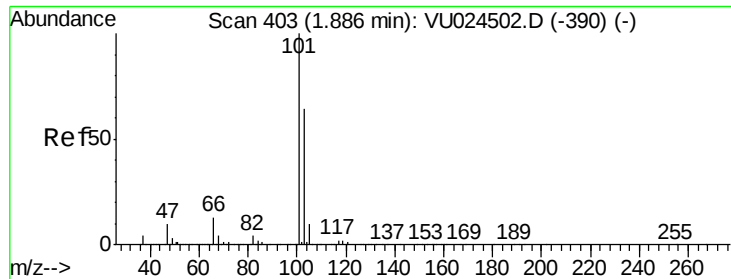
Tgt Ion: 64 Resp: 67205

Ion Ratio Lower Upper

64 100

66 33.0 25.5 38.3





#7

Trichlorofluoromethane

Concen: 47.43 ug/l

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024797.D

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Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion:101 Resp: 164142

Ion Ratio Lower Upper

101 100

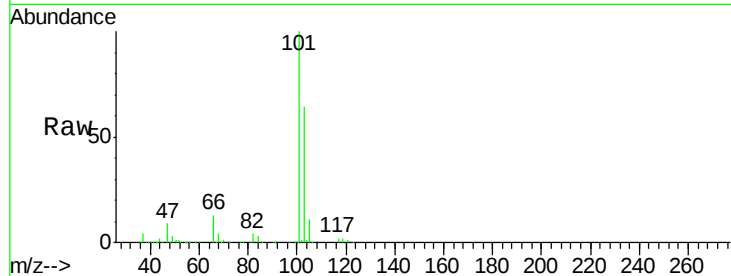
103 63.8 52.3 78.5

Manual Integrations

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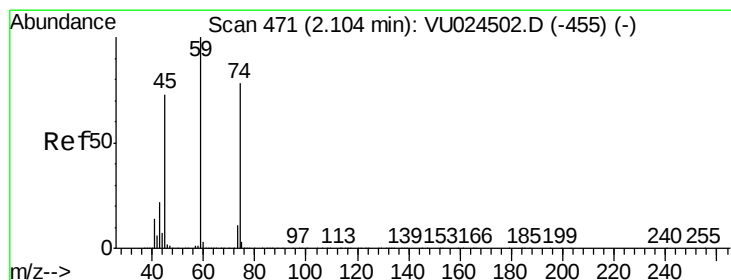
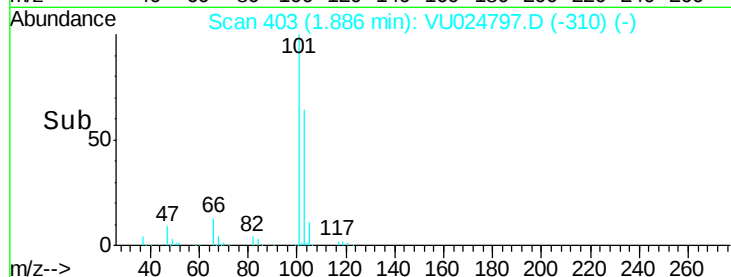
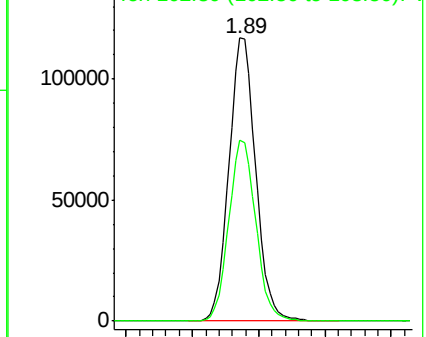
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 52.78 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024797.D

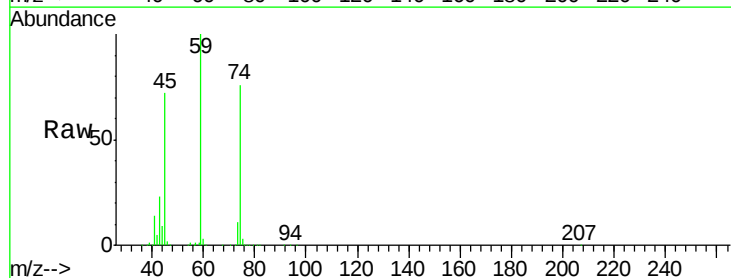
Acq: 21 Jun 2018 08:05

Tgt Ion: 74 Resp: 62038

Ion Ratio Lower Upper

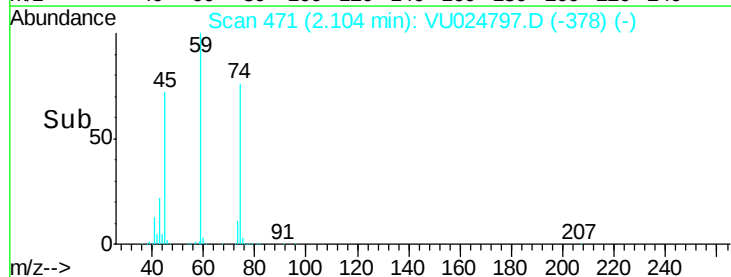
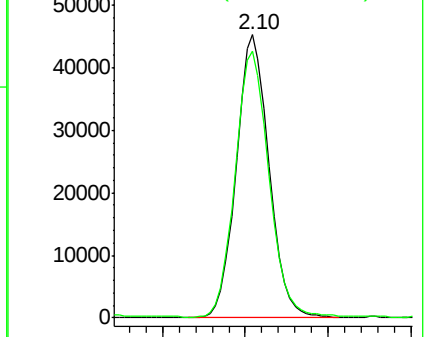
74 100

45 97.2 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.11 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

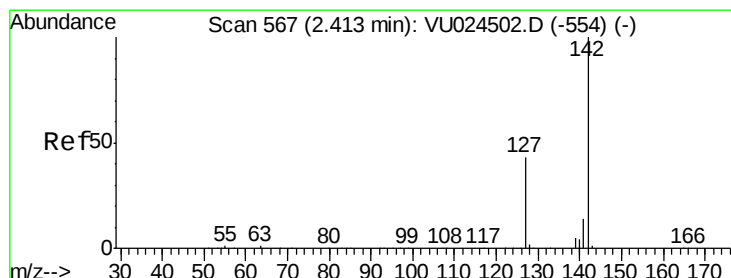
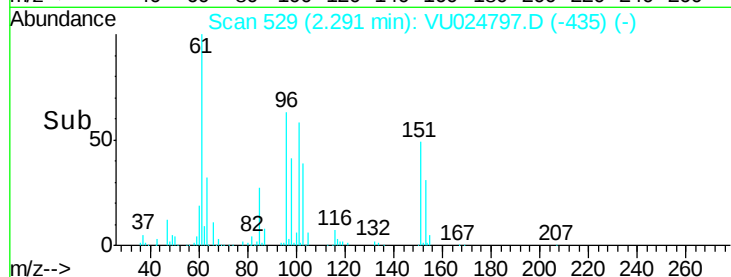
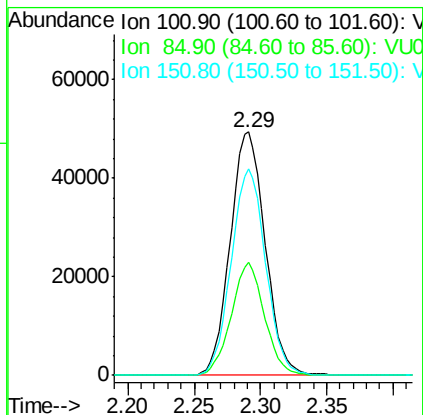
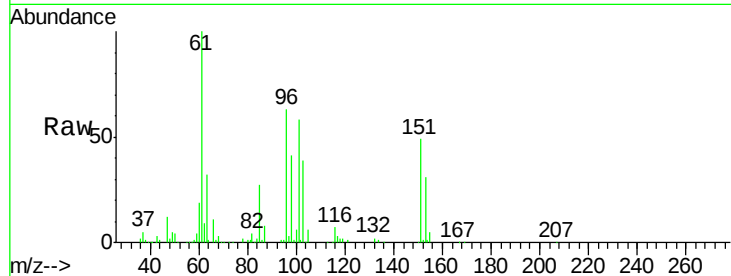
ClientSampleId :

CKMW21MSD

Tot Ion:	101	Resp:	90402
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	83.8	62.3	93.5

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#10

Methyl Iodide

Concen: 49.05 ug/l

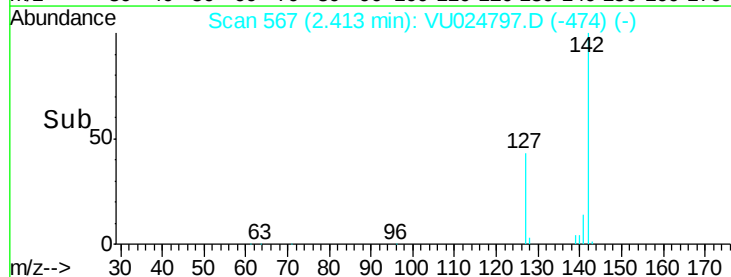
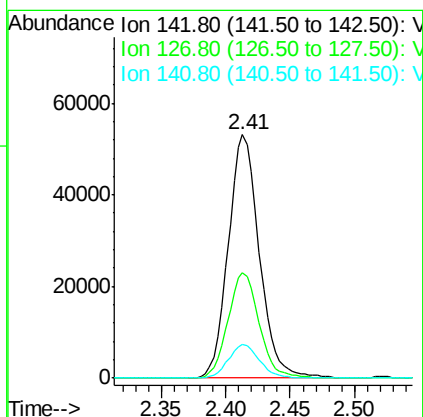
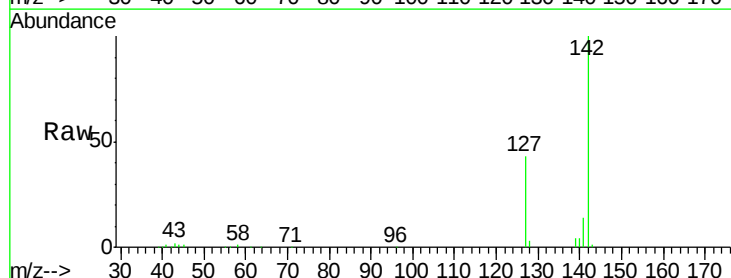
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion:	142	Resp:	88922
Ion Ratio	Lower	Upper	
142	100		
127	43.3	35.6	53.4
141	13.7	11.7	17.5





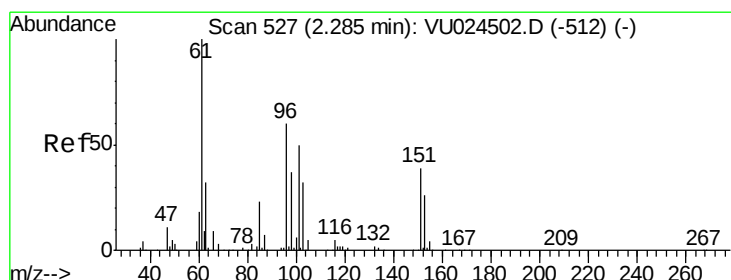
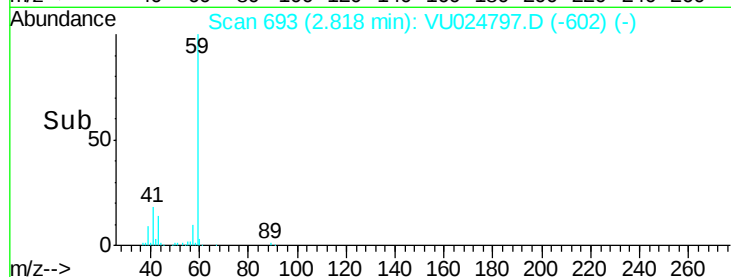
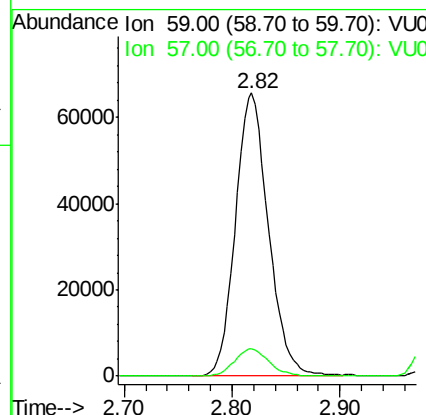
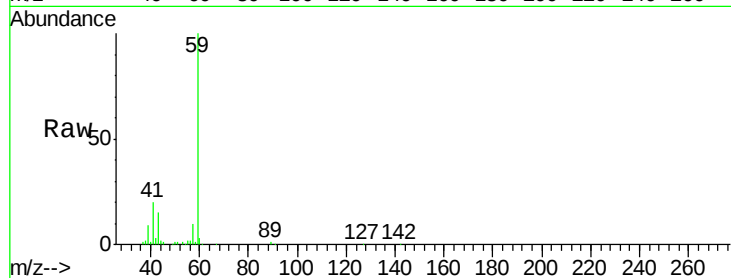
#11
Tert butyl alcohol
Concen: 204.19 ug/l
RT: 2.82 min Scan# 693
Delta R.T. -0.01 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

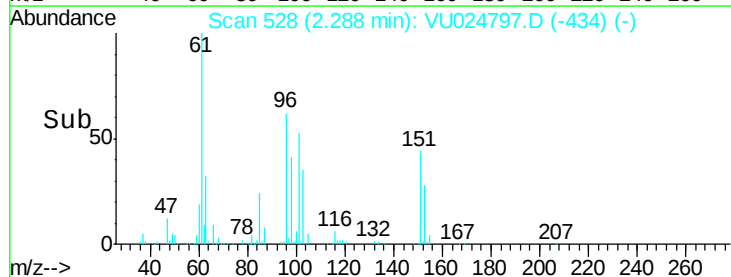
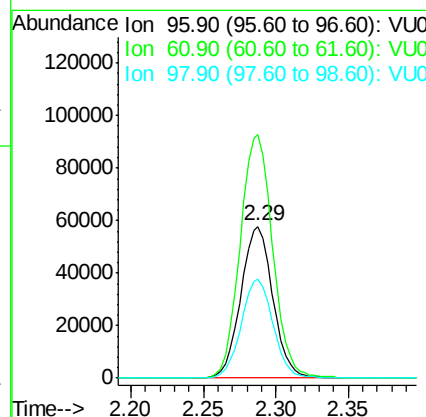
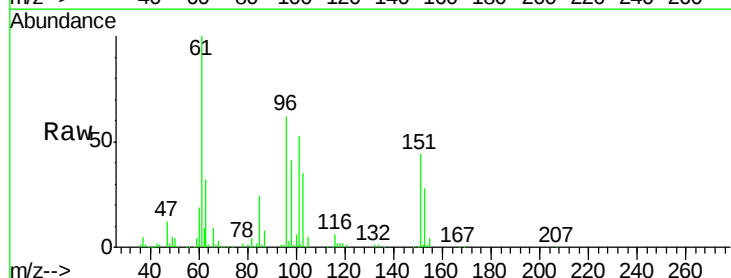
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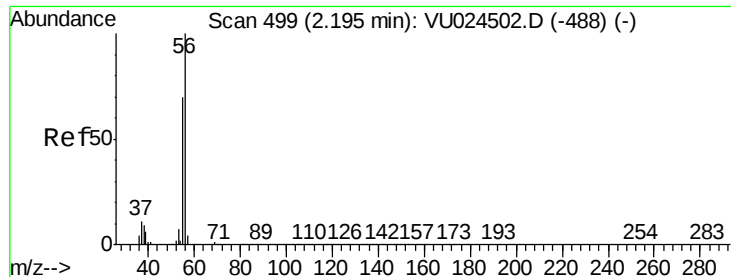
apatel
6/21/2018 1:45:13 PM



#12
1,1-Dichloroethene
Concen: 45.41 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	141.7	212.5
98	65.4	51.6	77.4





#13

Acrolein

Concen: 195.87 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion: 56 Resp: 70225

Ion Ratio Lower Upper

56 100

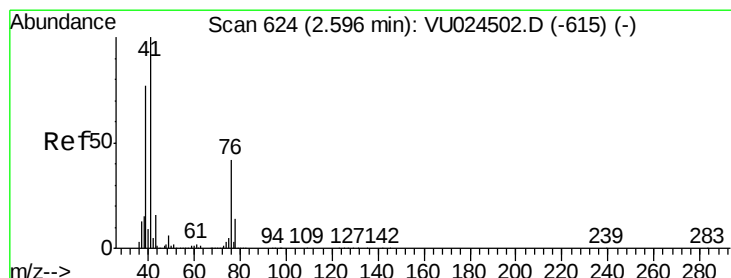
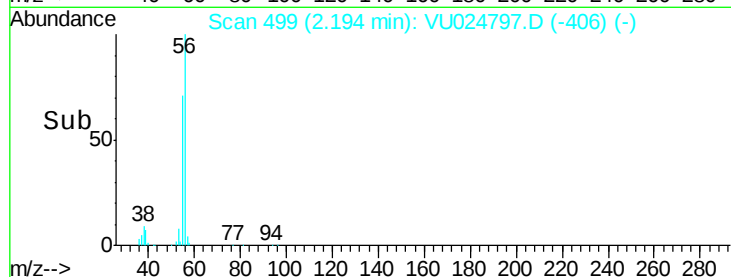
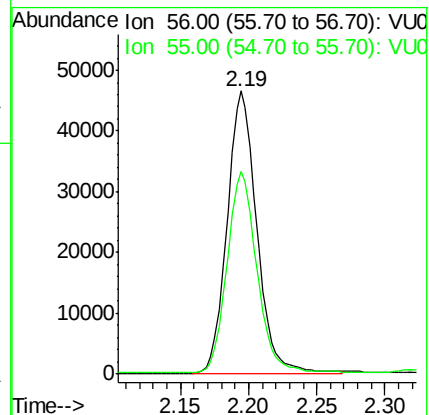
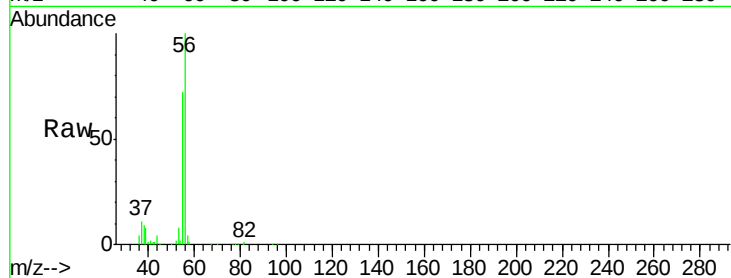
55 70.7 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 39.15 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

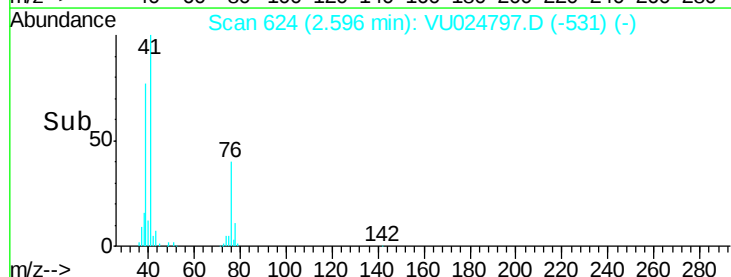
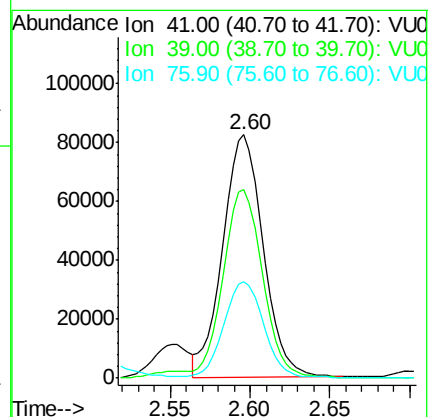
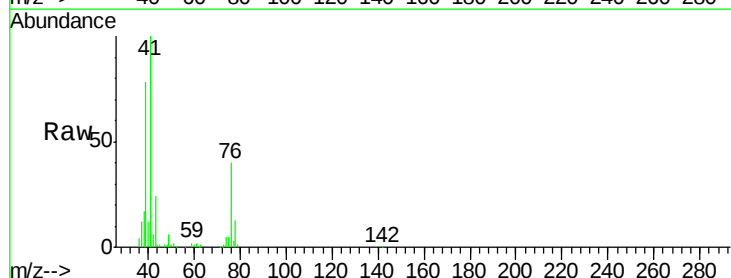
Tgt Ion: 41 Resp: 142336

Ion Ratio Lower Upper

41 100

39 75.7 61.6 92.4

76 39.8 29.7 44.5





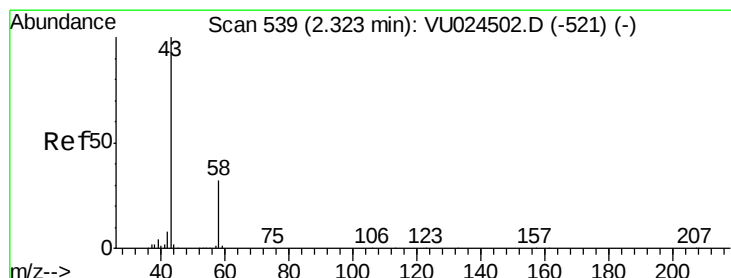
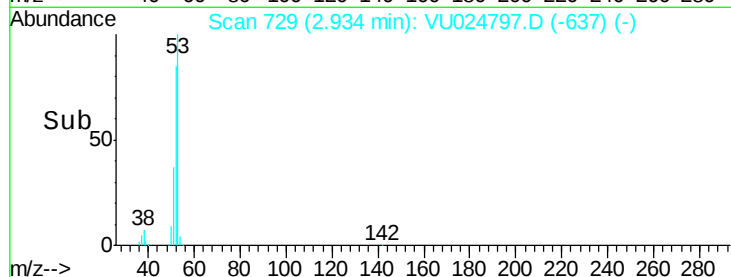
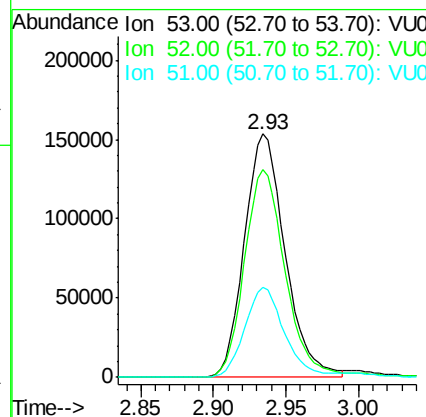
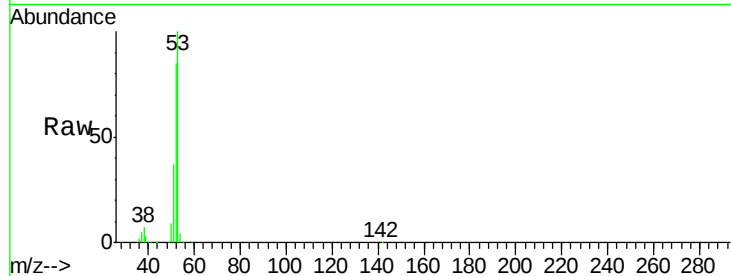
#15
 Acrylonitrile
 Concen: 225.55 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion:	53	Resp:	299607
Ion	Ratio	Lower	Upper
53	100		
52	85.1	67.1	100.7
51	37.7	28.4	42.6

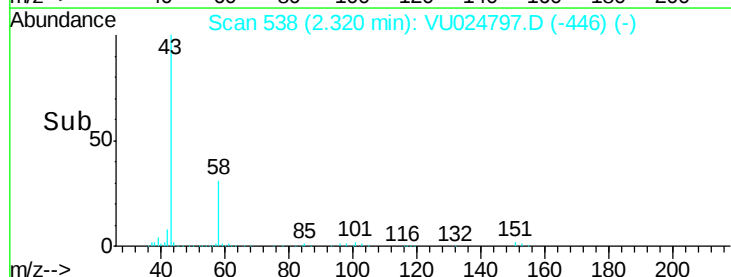
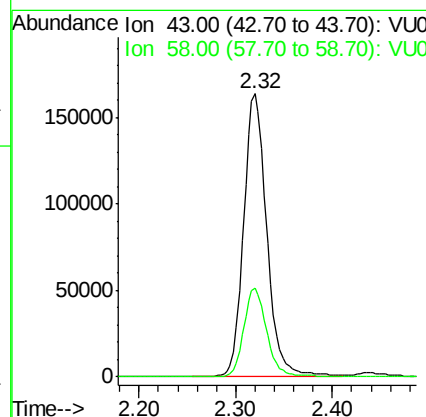
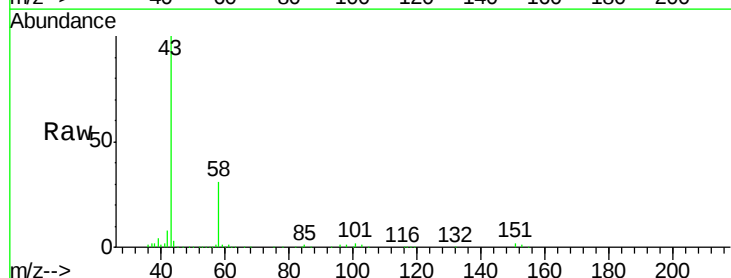
Manual Integrations
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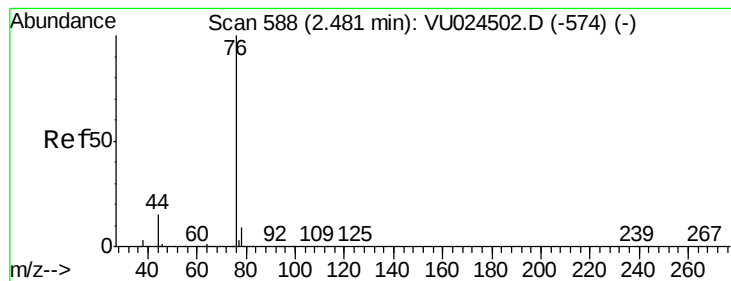
apatel
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#16
 Acetone
 Concen: 179.96 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion:	43	Resp:	271440
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.4	36.6





#17

Carbon Disulfide

Concen: 40.96 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion: 76 Resp: 256774

Ion Ratio Lower Upper

76 100

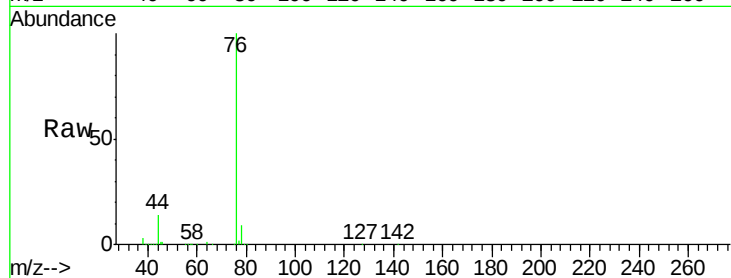
78 9.1 7.1 10.7

Manual Integrations

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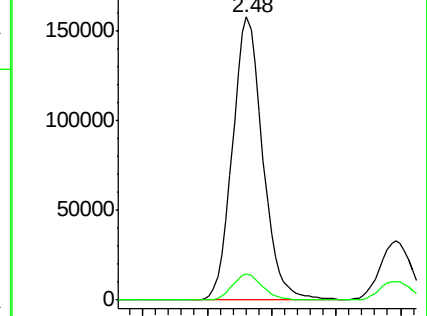
apatel

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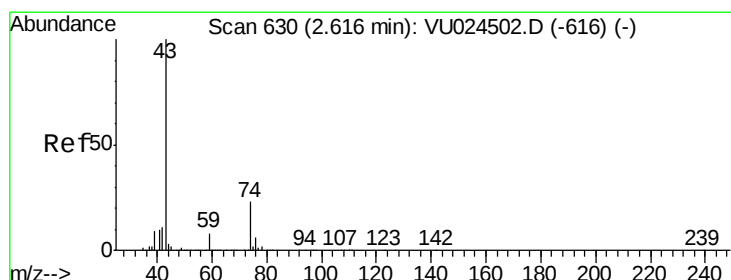
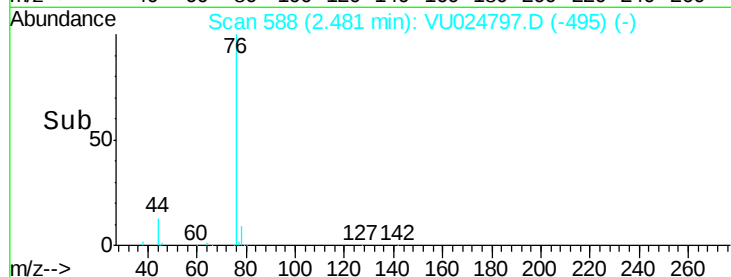


Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



Time-->



#18

Methyl Acetate

Concen: 43.07 ug/l

RT: 2.61 min Scan# 629

Delta R.T. -0.00 min

Lab File: VU024797.D

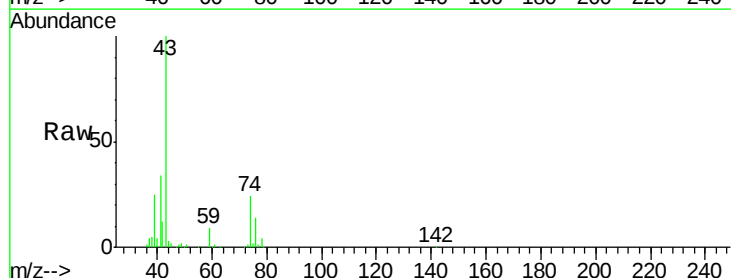
Acq: 21 Jun 2018 08:05

Tgt Ion: 43 Resp: 139266

Ion Ratio Lower Upper

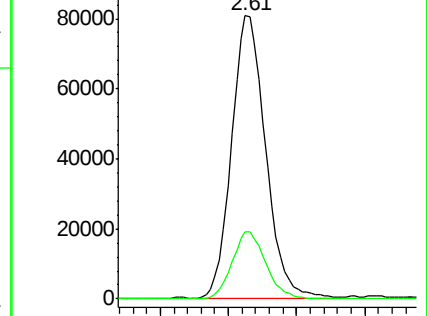
43 100

74 23.7 18.0 27.0

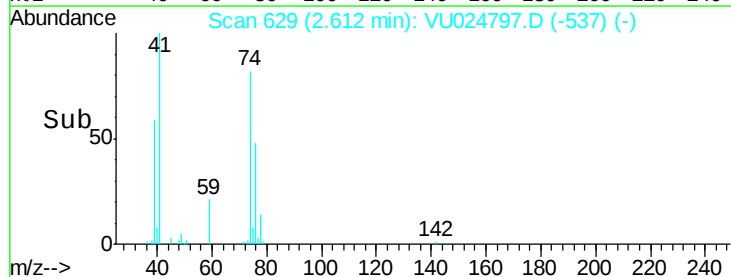


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



Time-->





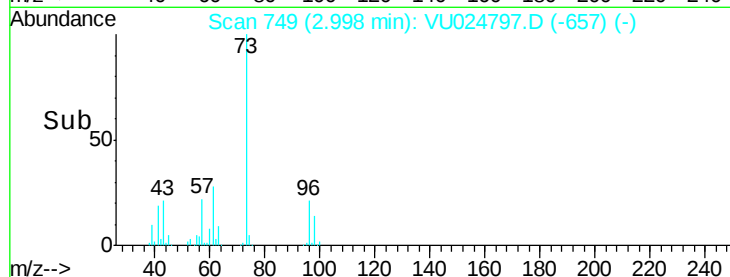
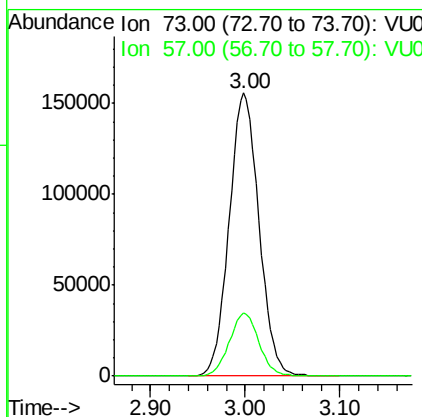
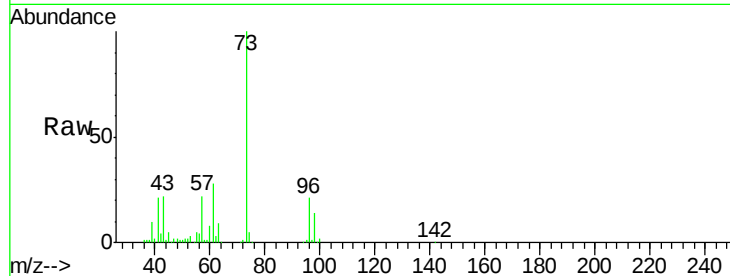
#19
Methvl tert-butvl Ether
Concen: 46.28 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.8	28.2

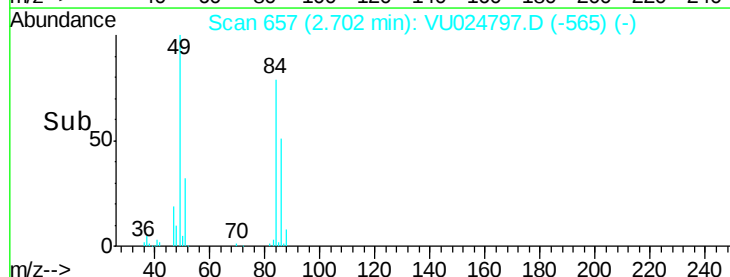
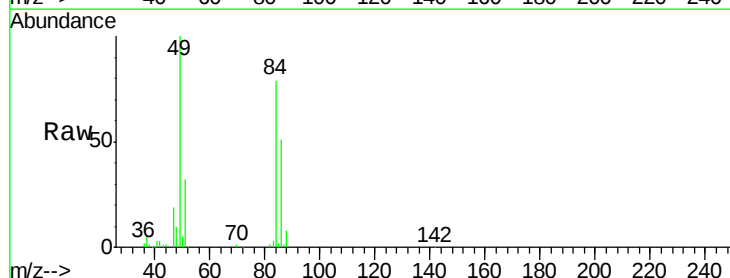
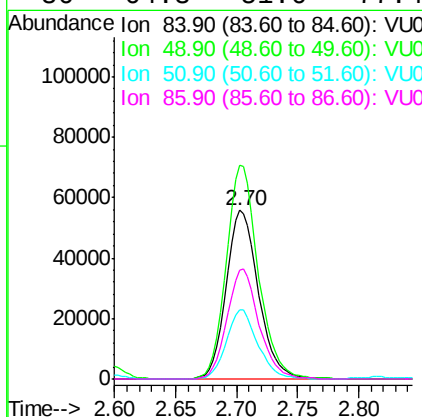
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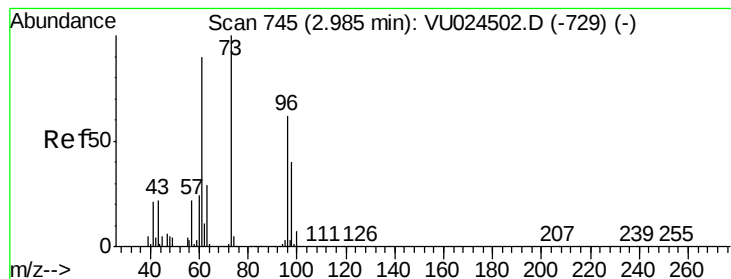
apatel
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#20
Methylene Chloride
Concen: 43.70 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	103.8	155.8
51	40.9	32.0	48.0
86	64.3	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 45.20 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

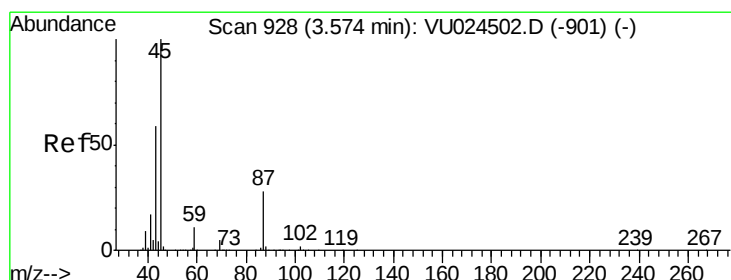
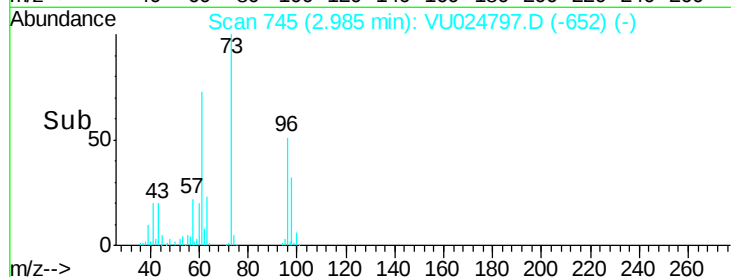
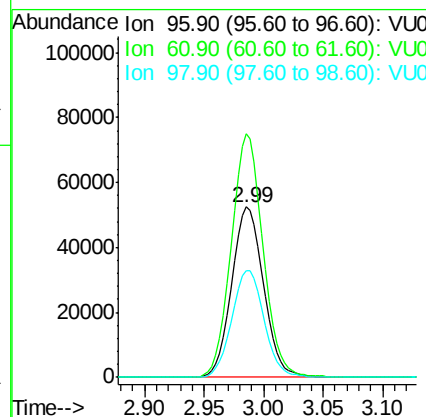
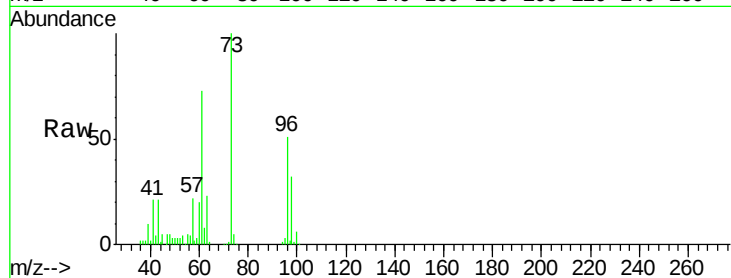
ClientSampleId :

CKMW21MSD

Tot Ion:	96	Resp:	97478
Ion	Ratio	Lower	Upper
96	100		
61	142.8	119.4	179.0
98	62.9	51.1	76.7

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#22

Diisopropyl ether

Concen: 47.30 ug/l

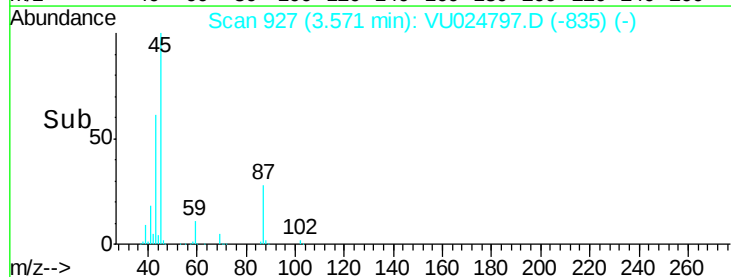
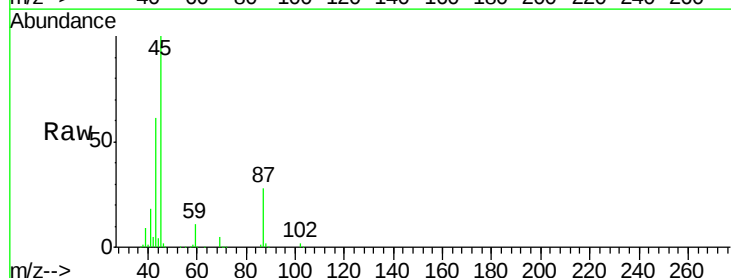
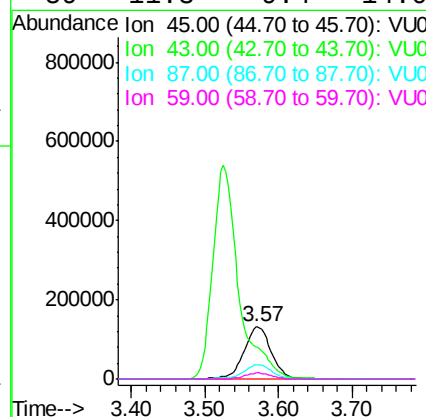
RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion:	45	Resp:	340866
Ion	Ratio	Lower	Upper
45	100		
43	60.8	45.8	68.6
87	28.1	20.6	31.0
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 205.09 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion: 43 Resp: 1323956

Ion Ratio Lower Upper

43 100

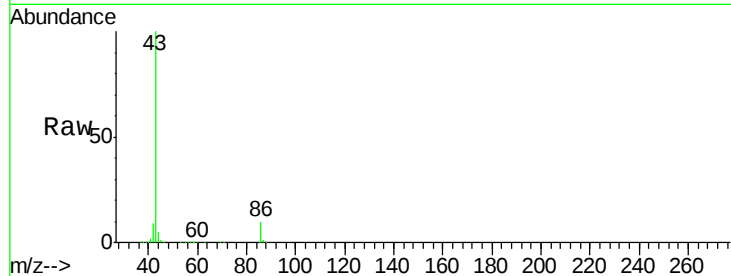
86 10.1 7.8 11.8

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

600000

500000

400000

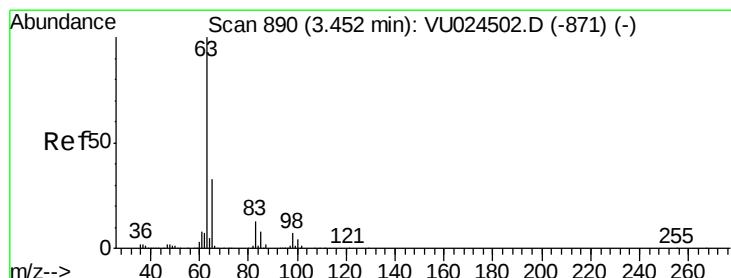
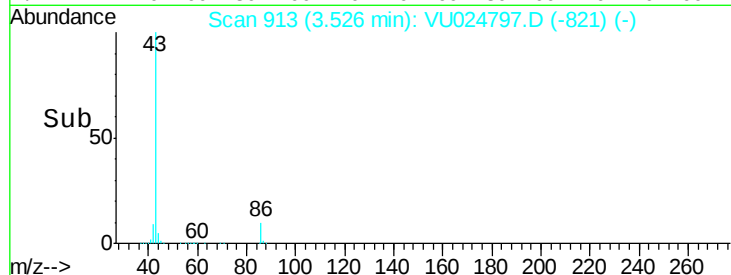
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.27 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

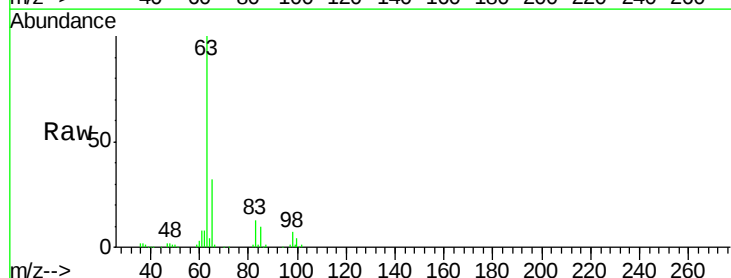
Tgt Ion: 63 Resp: 191813

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.1 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

100000

80000

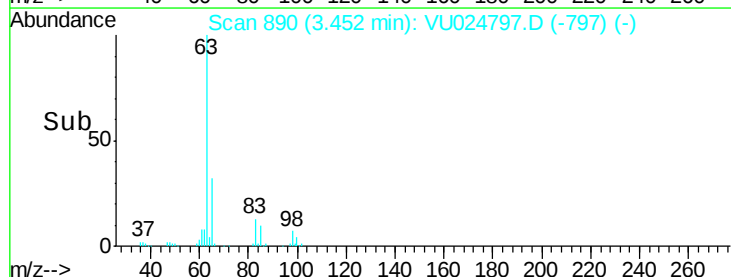
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 217.99 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion: 43 Resp: 441649

Ion Ratio Lower Upper

43 100

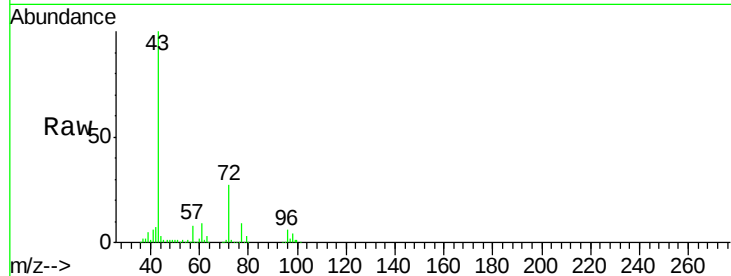
72 26.6 19.6 29.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

200000

150000

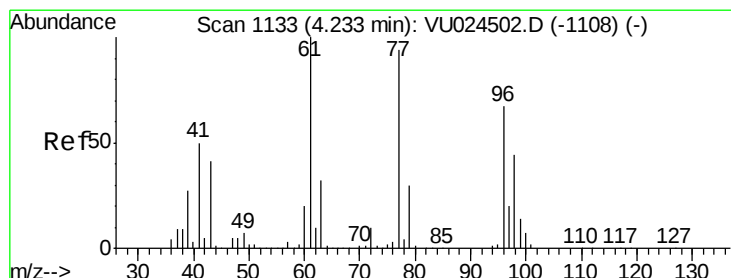
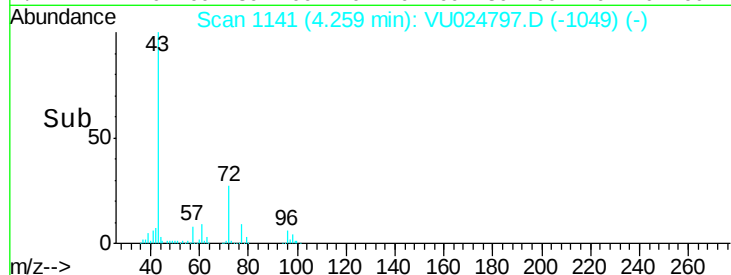
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 29.07 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024797.D

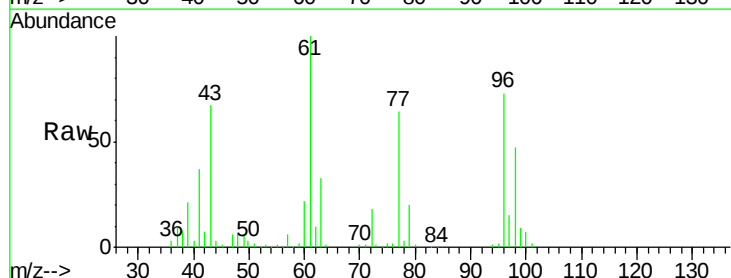
Acq: 21 Jun 2018 08:05

Tgt Ion: 77 Resp: 114435

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

50000

40000

30000

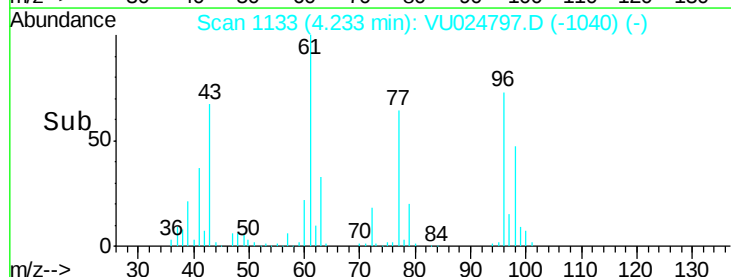
20000

10000

0

4.10 4.20 4.30

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.74 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

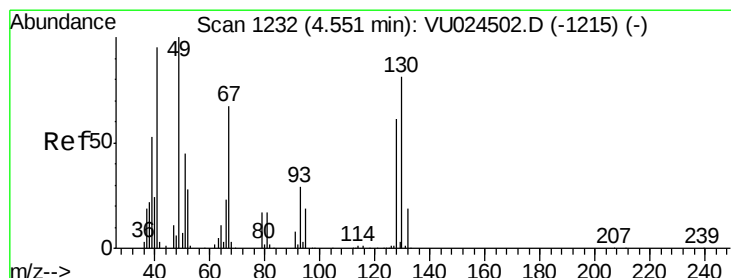
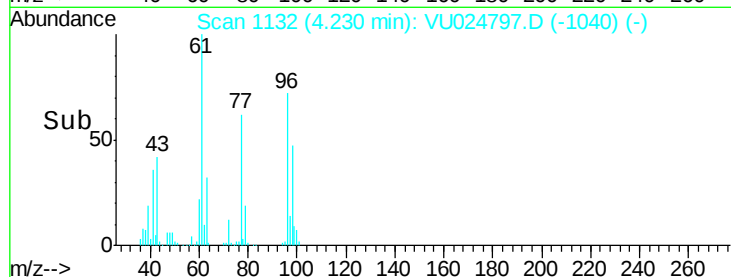
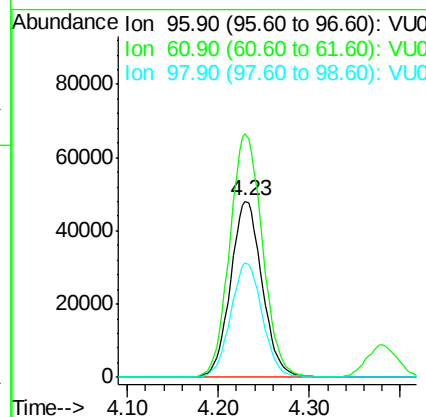
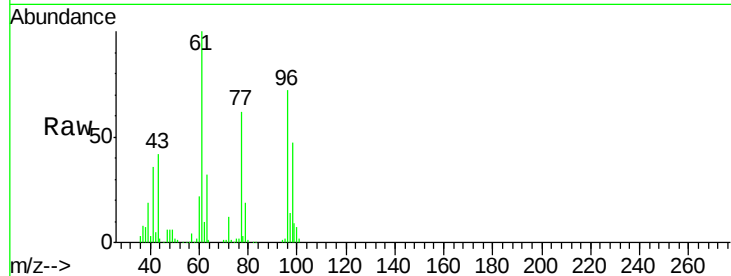
ClientSampleId :

CKMW21MSD

Tot Ion:	96	Resp:	115885
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	306.6
98	65.1	0.0	128.8

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#28

Bromochloromethane

Concen: 46.21 ug/l

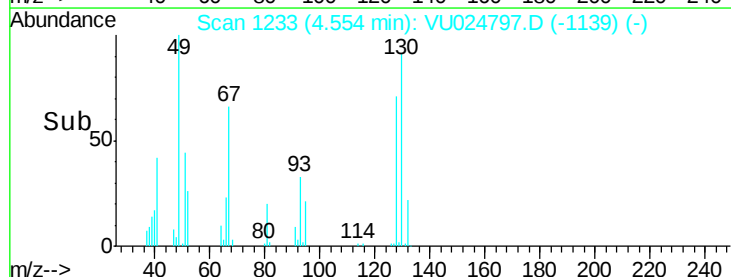
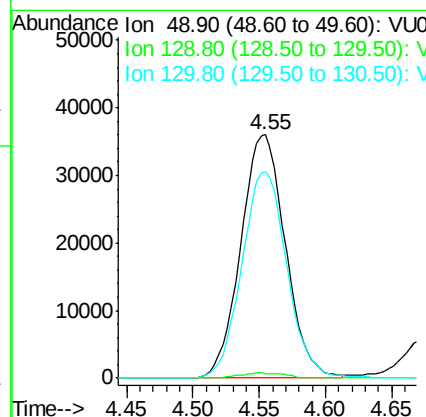
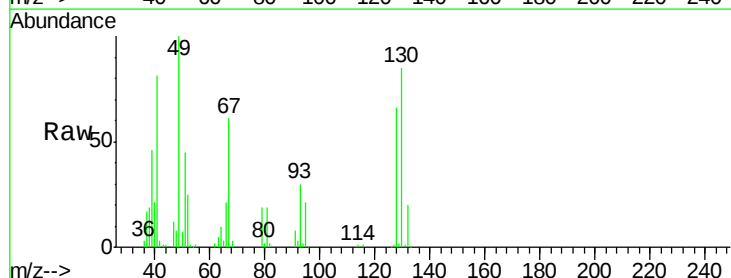
RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion:	49	Resp:	84385
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	85.5	57.8	86.6





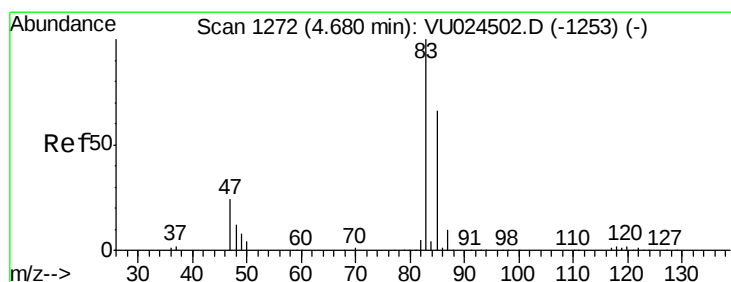
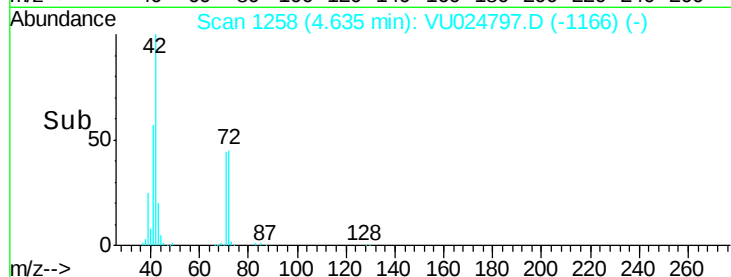
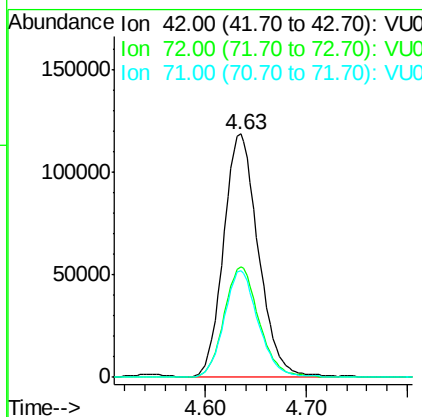
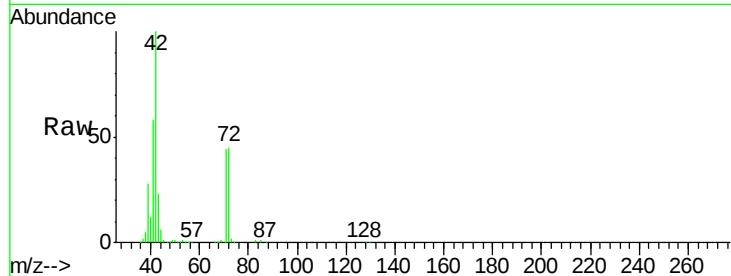
#29
Tetrahydrofuran
Concen: 225.82 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	34.5	51.7
71	43.3	32.2	48.4

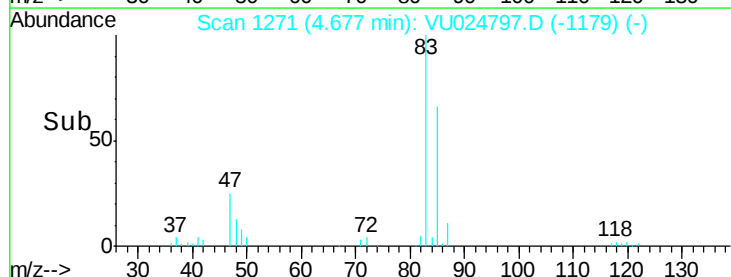
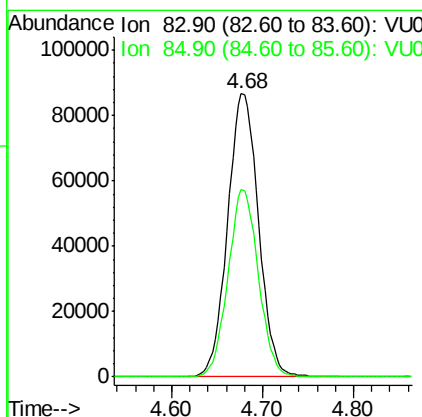
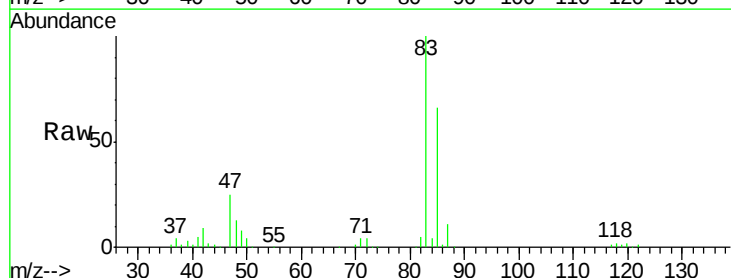
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#30
Chloroform
Concen: 48.76 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.4	78.6





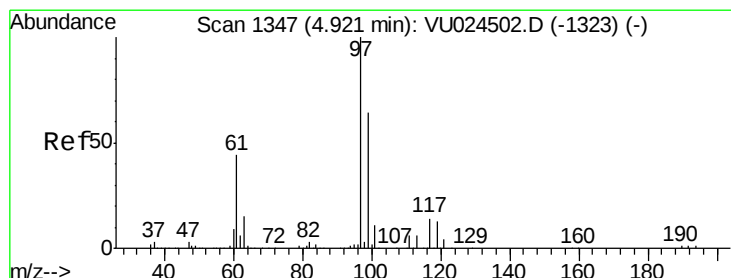
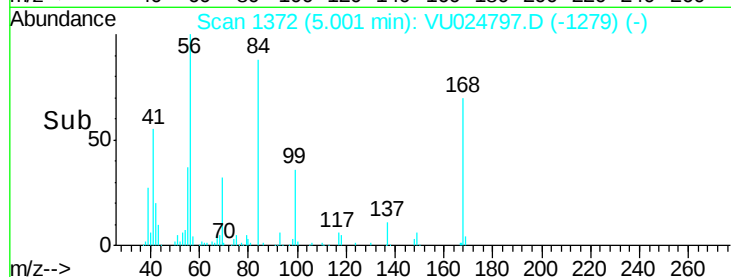
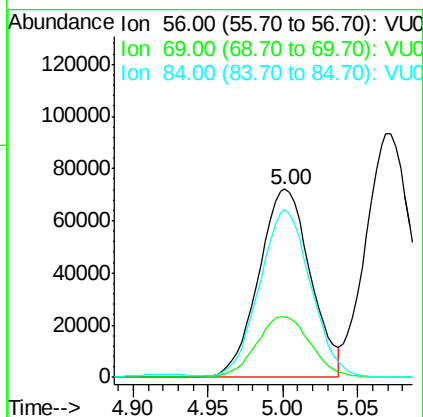
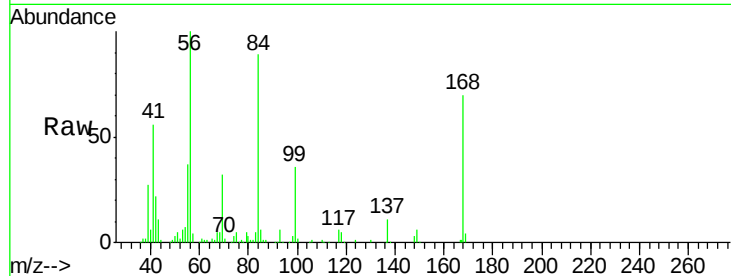
#31
Cyclohexane
Concen: 46.98 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.8	37.2
84	87.7	65.2	97.8

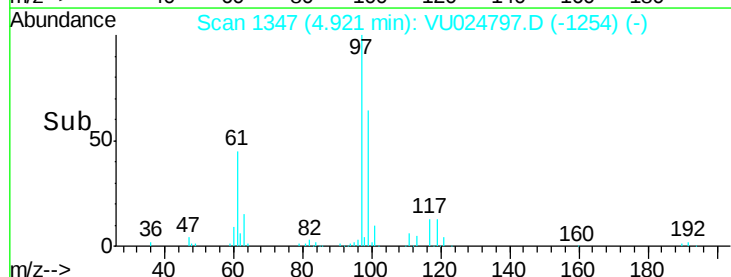
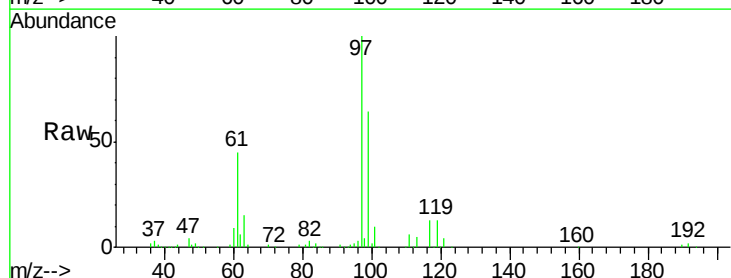
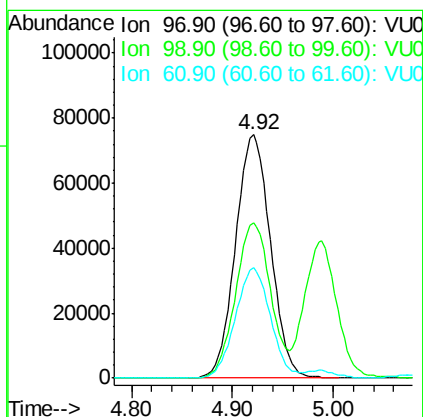
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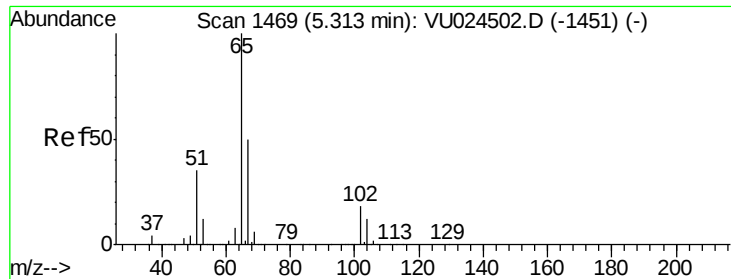
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#32
1,1,1-Trichloroethane
Concen: 46.41 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.6
61	45.5	39.4	59.0





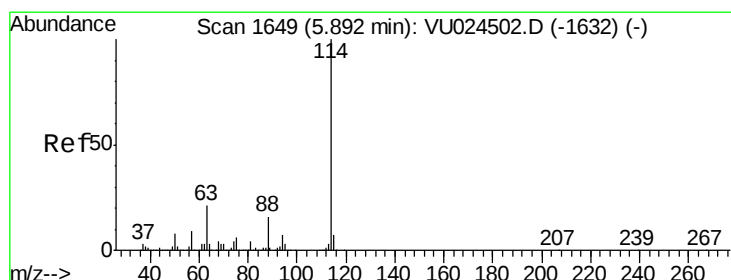
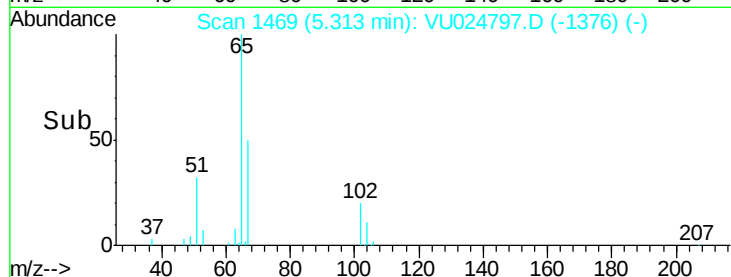
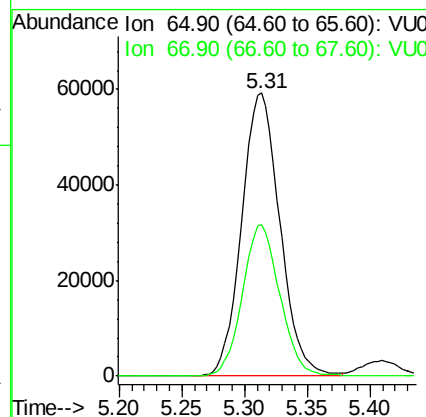
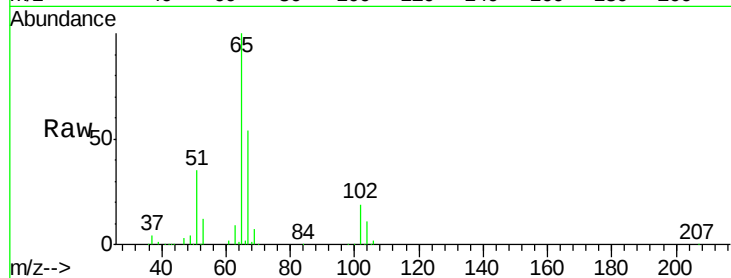
#33
 1,2-Dichloroethane-d4
 Concen: 44.80 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.0

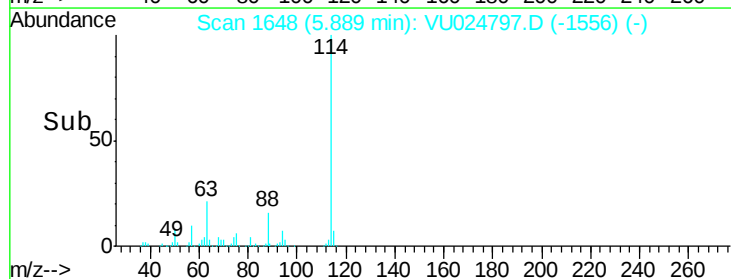
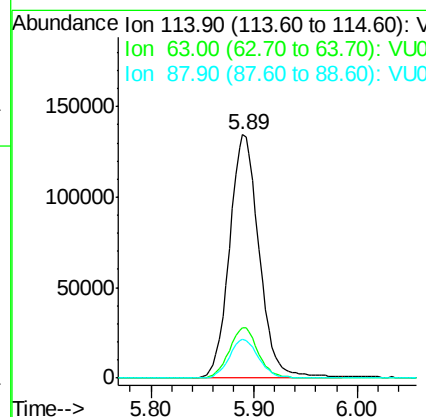
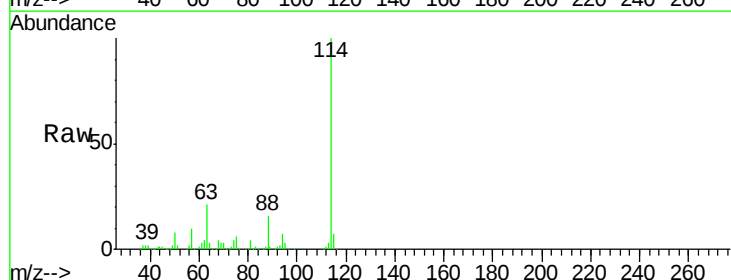
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	45.4
88	15.9	0.0	31.0





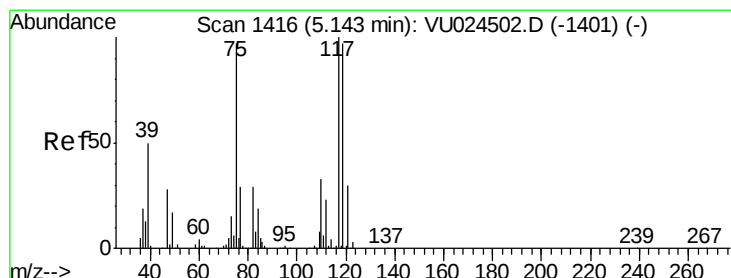
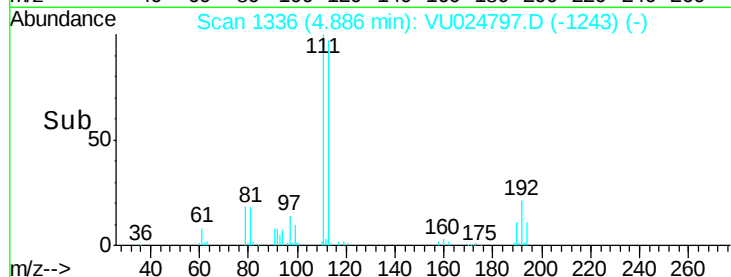
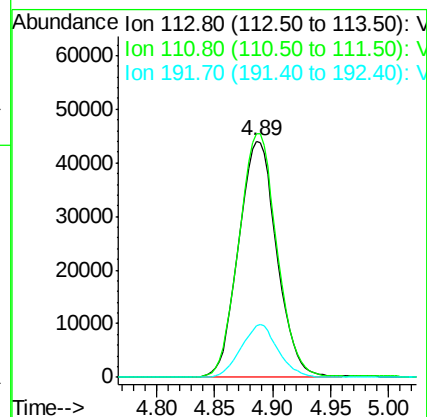
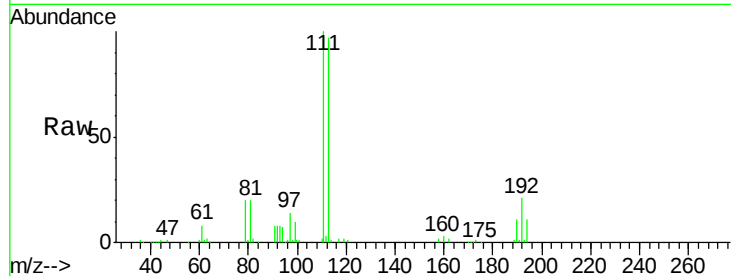
#35
 Dibromofluoromethane
 Concen: 45.10 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	21.8	16.2	24.4

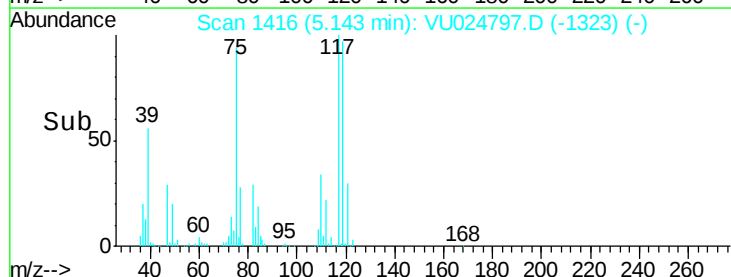
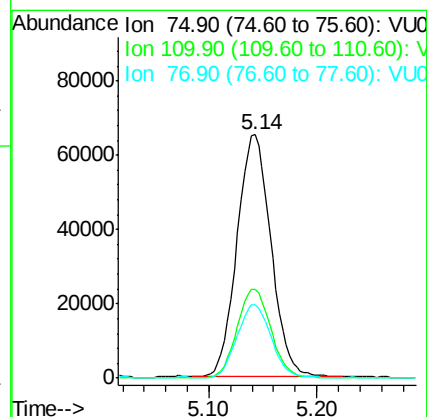
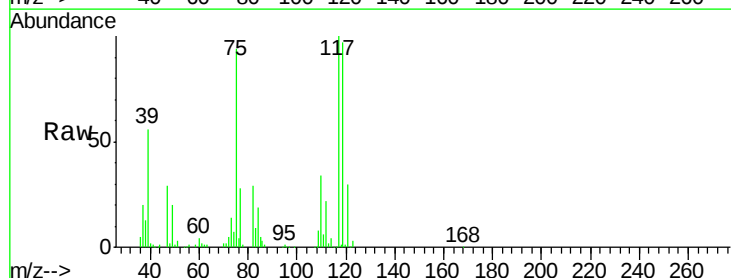
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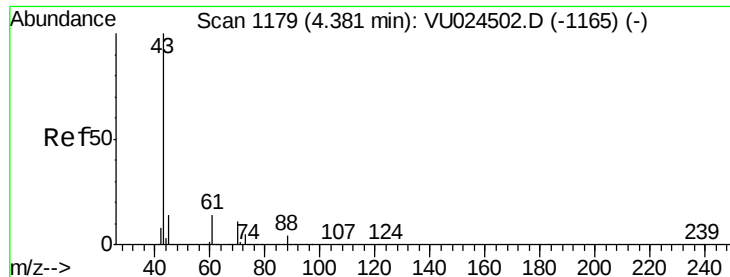
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#36
 1,1-Dichloropropene
 Concen: 45.16 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.0	50.9
77	30.2	24.2	36.4





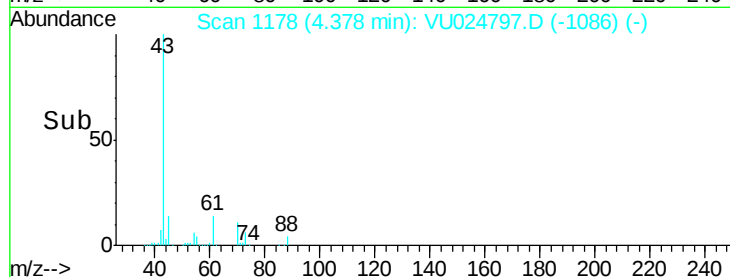
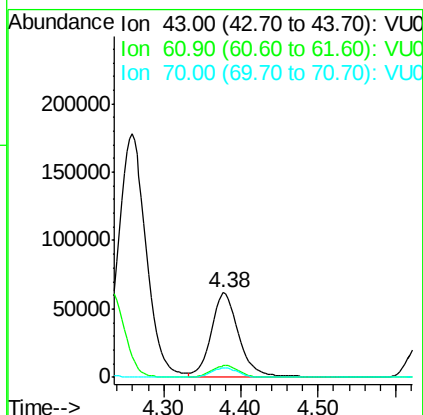
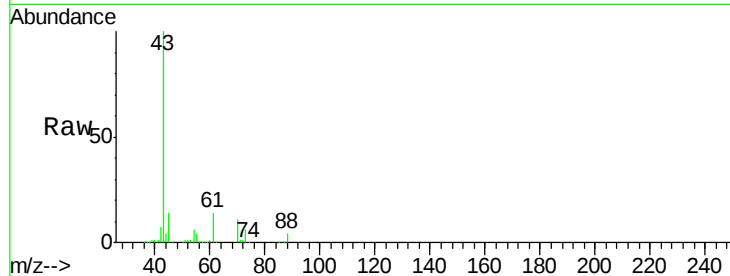
#37
Ethyl Acetate
Concen: 44.59 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	10.9	7.4	11.2

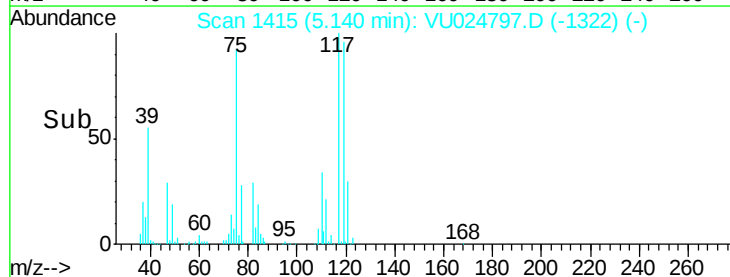
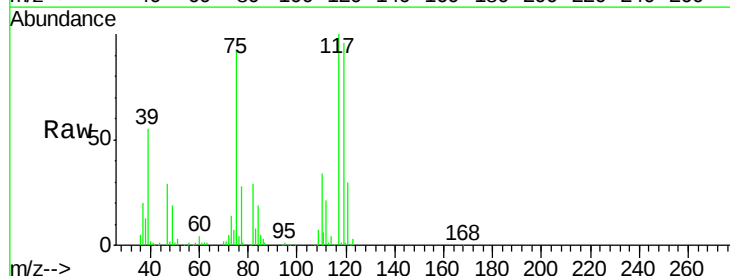
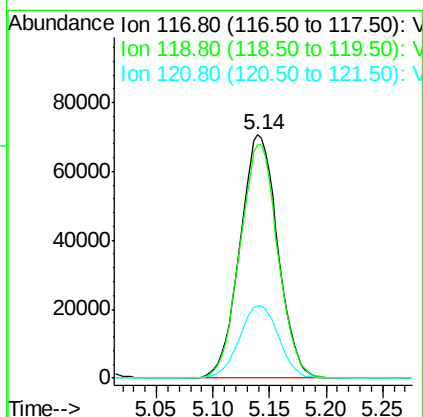
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#38
Carbon Tetrachloride
Concen: 47.15 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.1	114.1
121	29.7	23.7	35.5





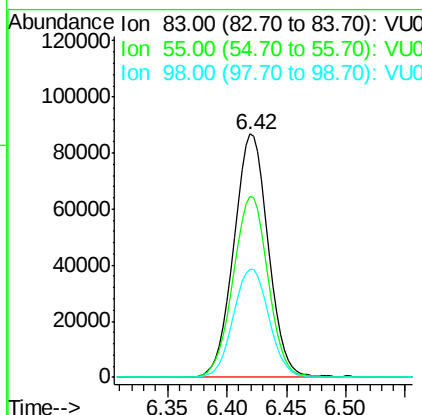
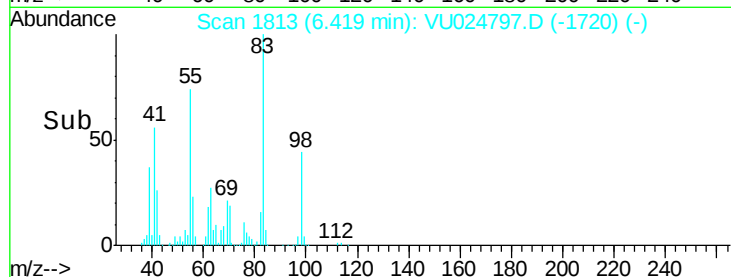
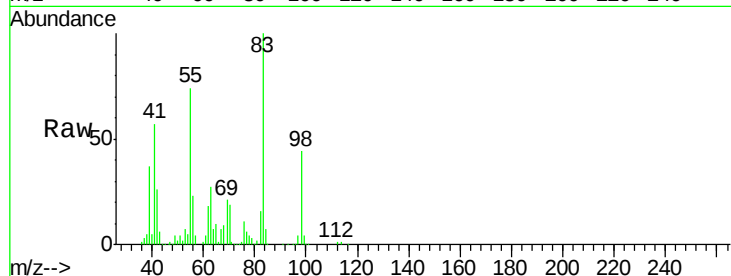
#39
Methvlcvclohexane
Concen: 44.06 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	65.8	98.6
98	44.3	36.7	55.1

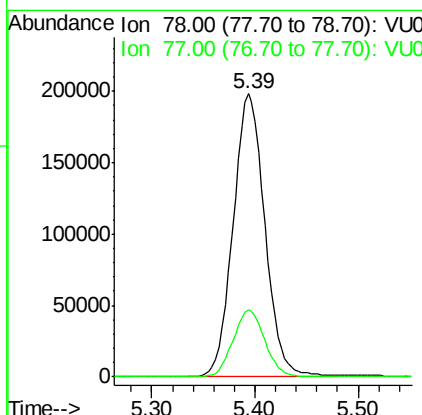
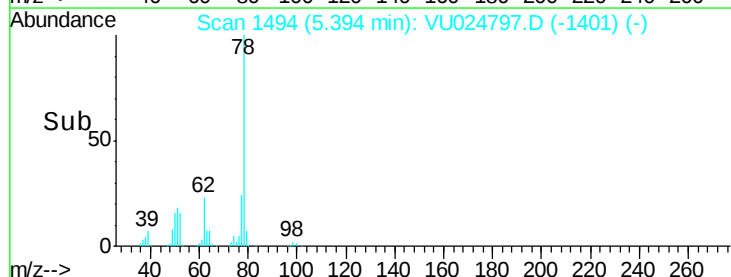
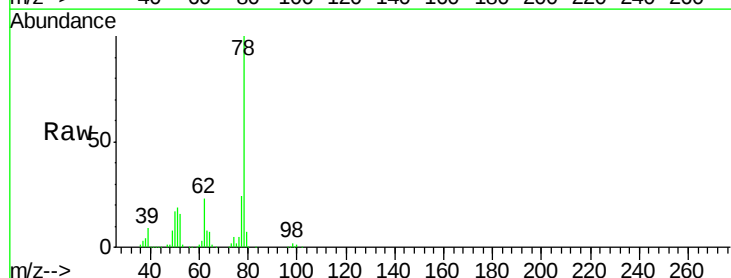
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#40
Benzene
Concen: 47.17 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





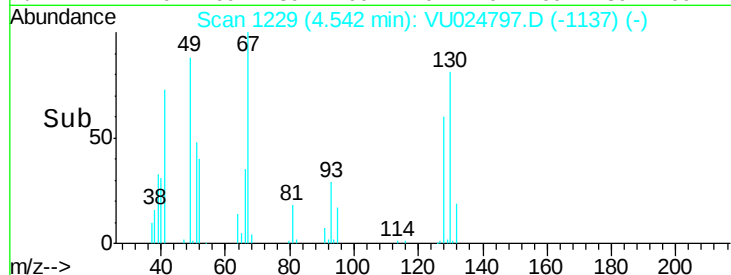
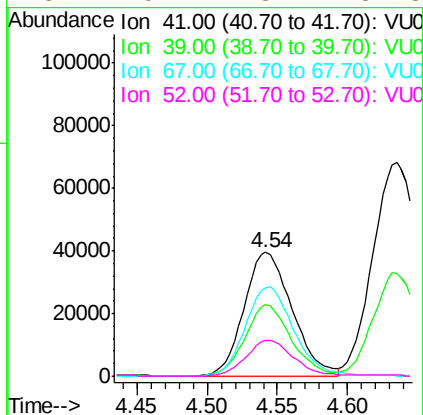
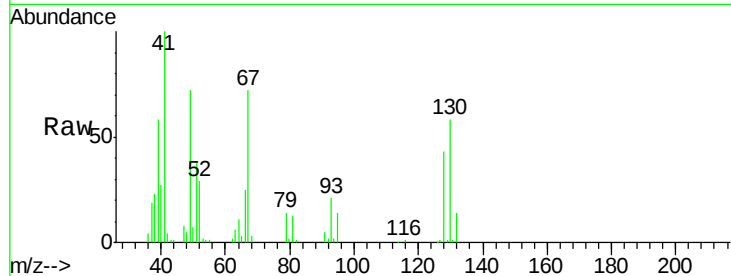
#41
Methacrylonitrile
Concen: 50.97 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		94815		
39	55.1	43.8	65.6		
67	72.4	56.3	84.5		
52	29.4	23.2	34.8		

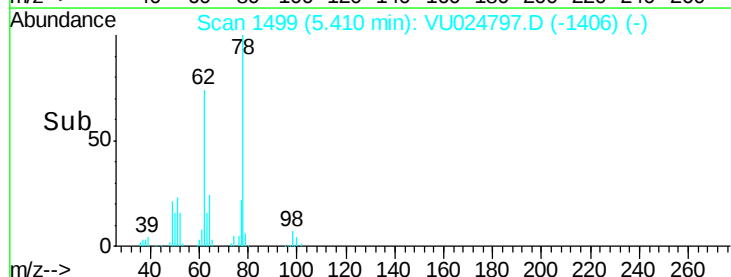
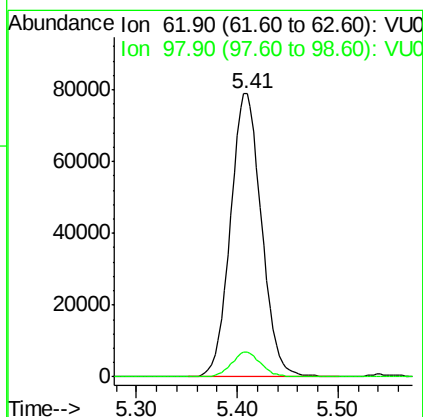
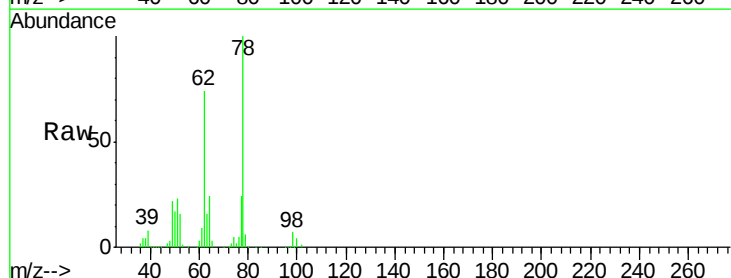
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#42
1,2-Dichloroethane
Concen: 49.14 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		168813		
98	8.3	0.0	16.6		





#43

Isopropyl Acetate

Concen: 42.79 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

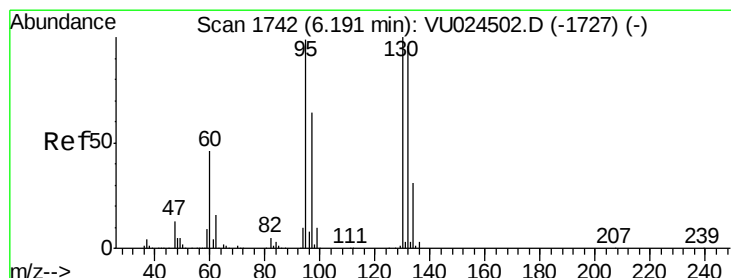
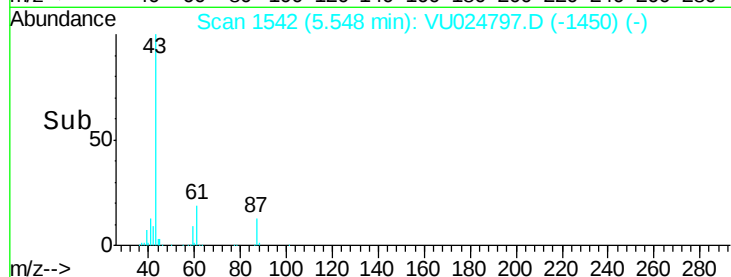
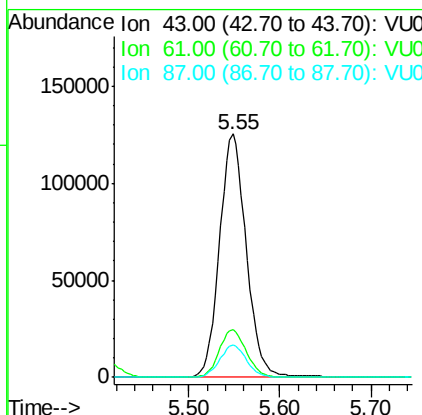
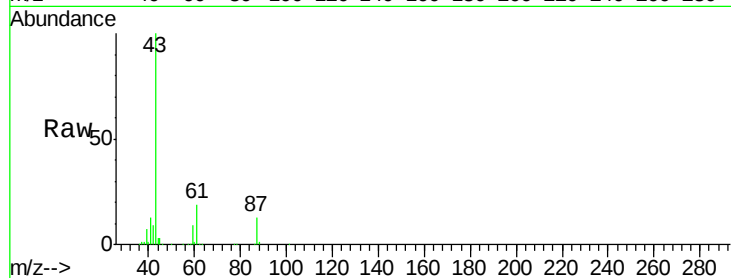
ClientSampleId :

CKMW21MSD

Tot Ion:	43	Resp:	255169
Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.4	23.0
87	13.3	10.0	15.0

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#44

Trichloroethene

Concen: 45.38 ug/l

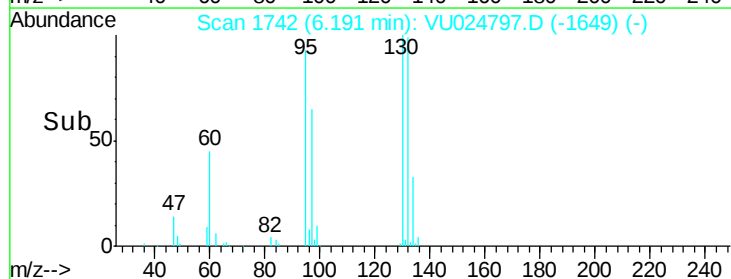
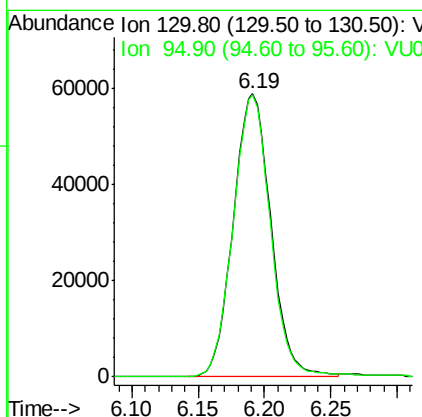
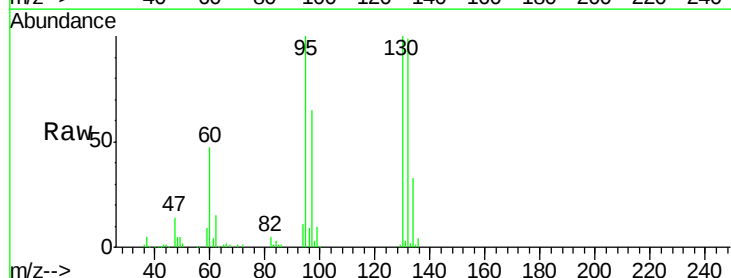
RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion:	130	Resp:	116510
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	202.4





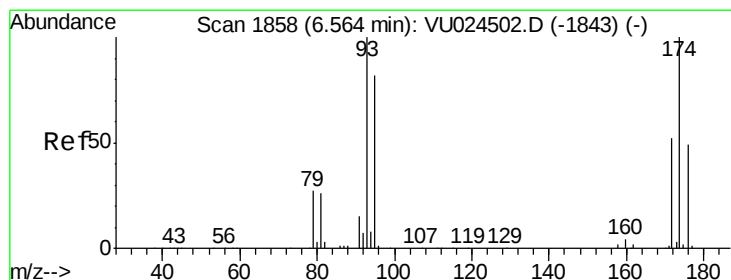
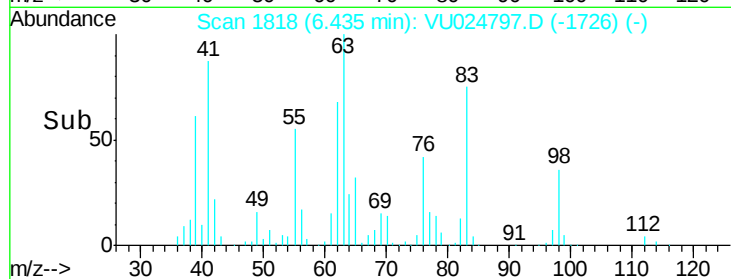
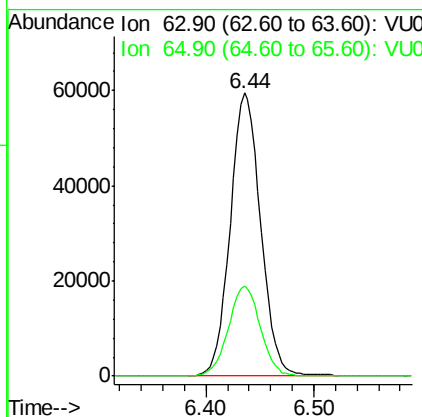
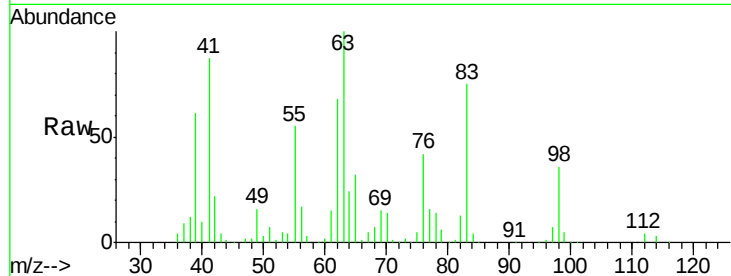
#45
 1,2-Dichloropropane
 Concen: 48.36 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion: 63 Resp: 116404
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.8 37.2

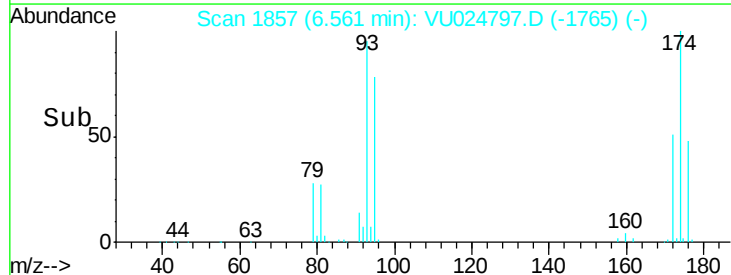
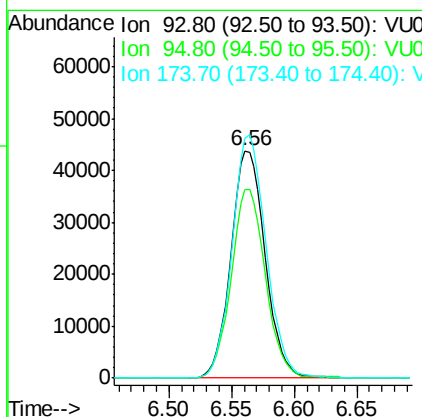
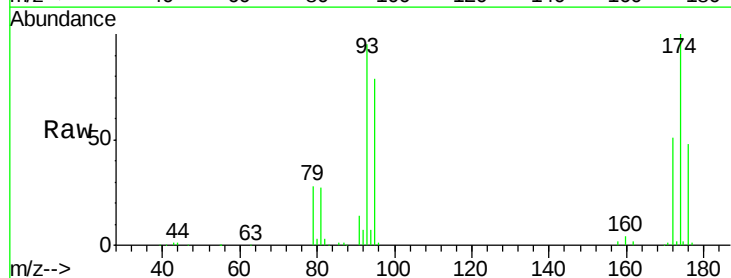
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#46
 Dibromomethane
 Concen: 49.11 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion: 93 Resp: 83026
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.5 98.3
 174 106.4 78.7 118.1





#47

Bromodichloromethane

Concen: 47.90 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

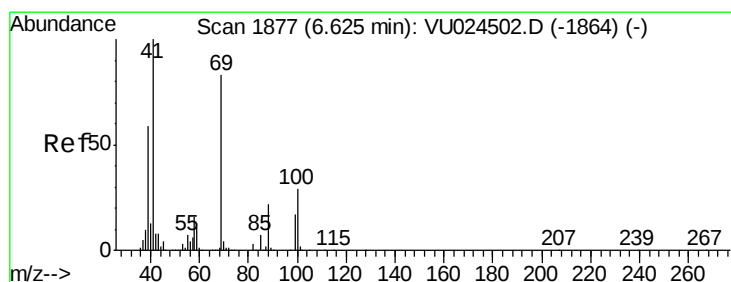
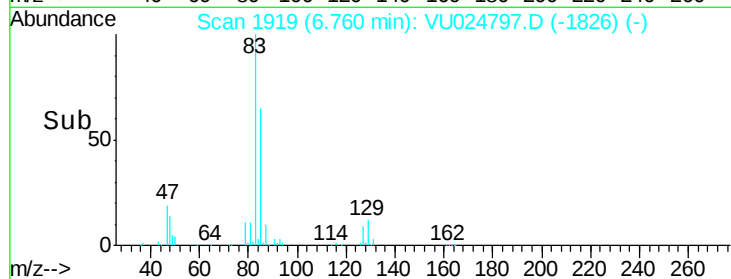
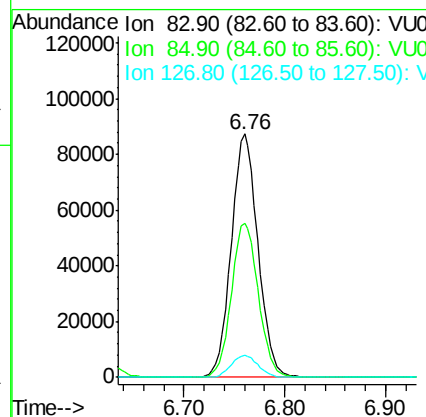
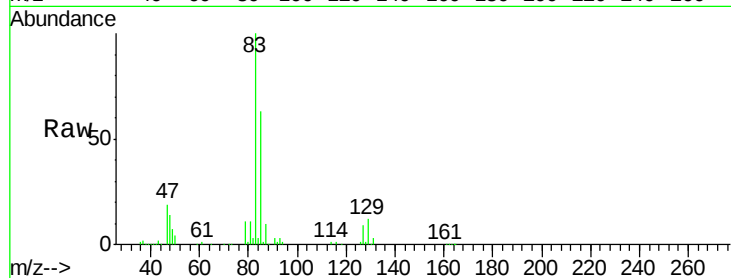
ClientSampleId :

CKMW21MSD

Tot Ion:	83	Resp:	161246
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.9	77.9
127	9.0	6.6	9.8

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#48

Methyl methacrylate

Concen: 46.87 ug/l

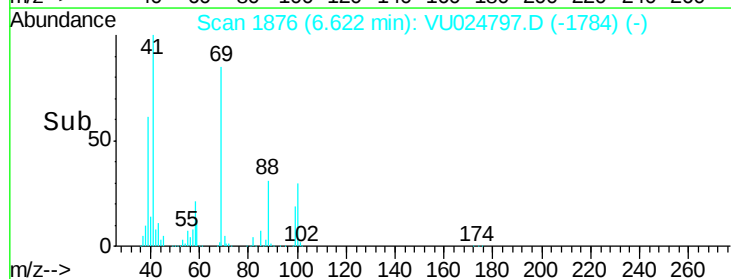
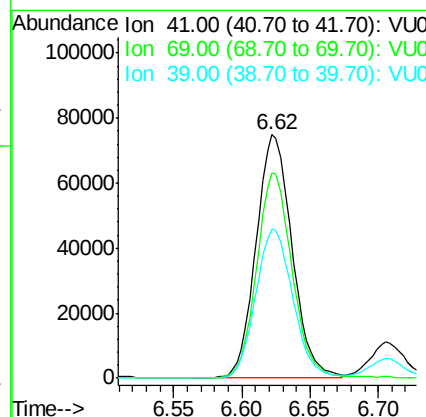
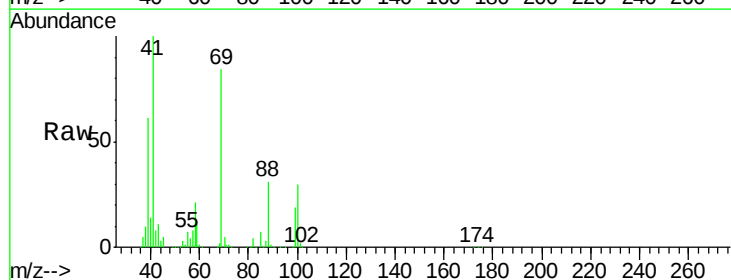
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion:	41	Resp:	136103
Ion	Ratio	Lower	Upper
41	100		
69	83.7	67.3	100.9
39	63.1	46.5	69.7





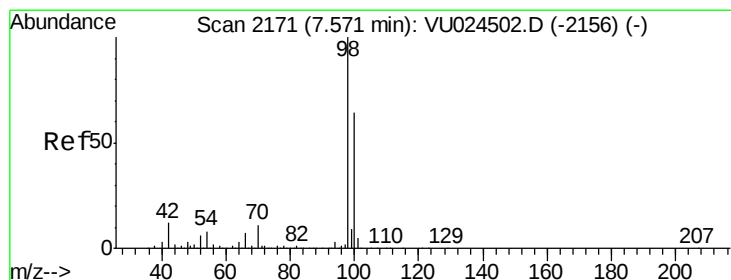
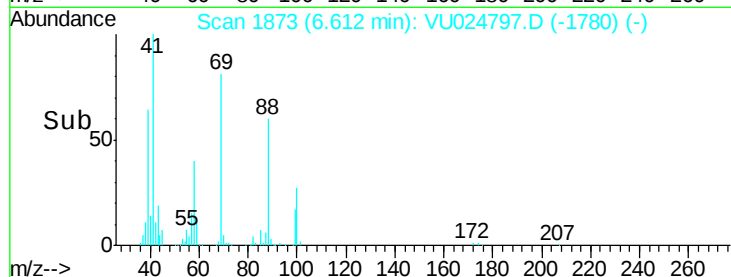
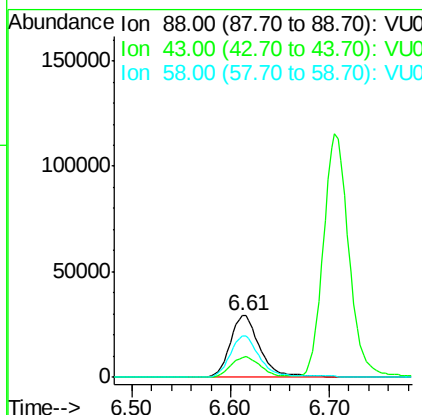
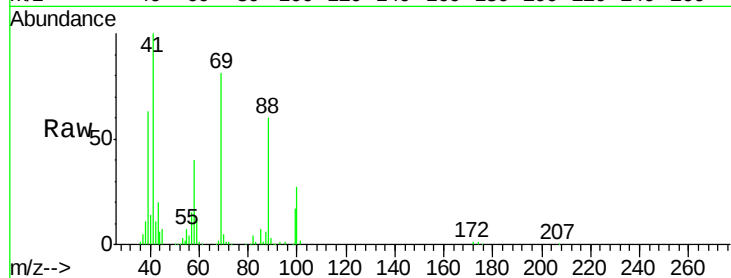
#49
 1,4-Dioxane
 Concen: 1090.78 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	28.6	42.8
58	65.7	58.2	87.4

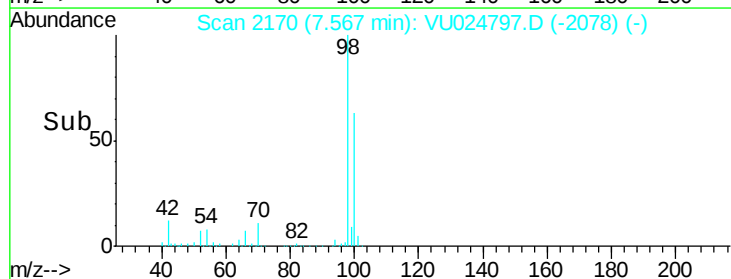
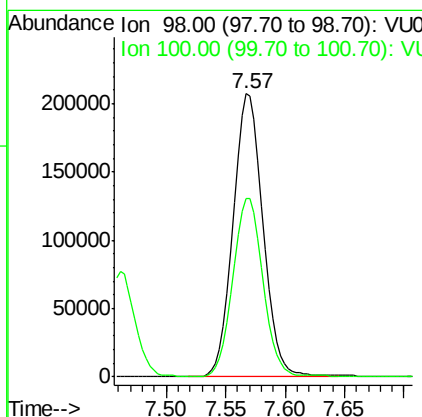
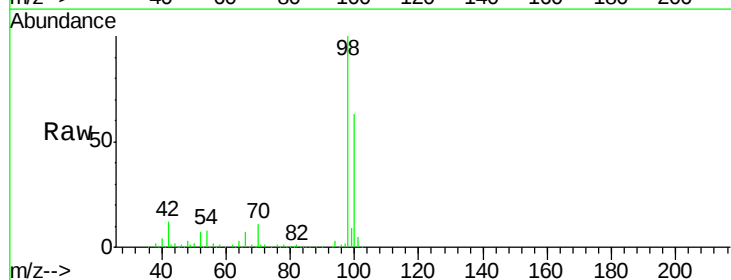
Manual Integrations
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#50
 Toluene-d8
 Concen: 44.45 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.1	76.7





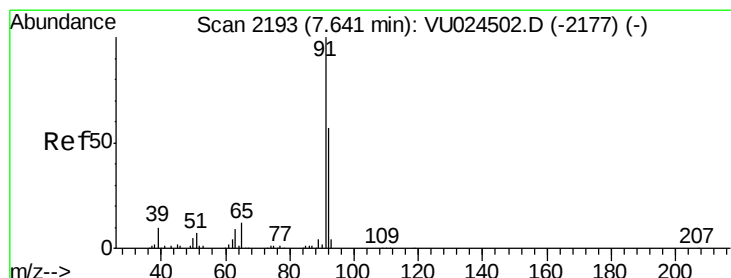
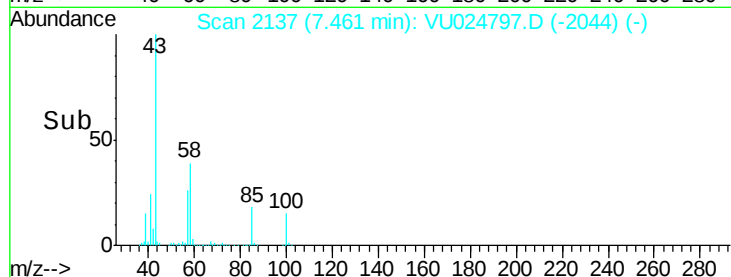
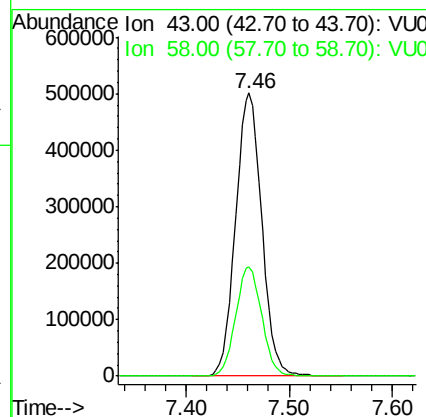
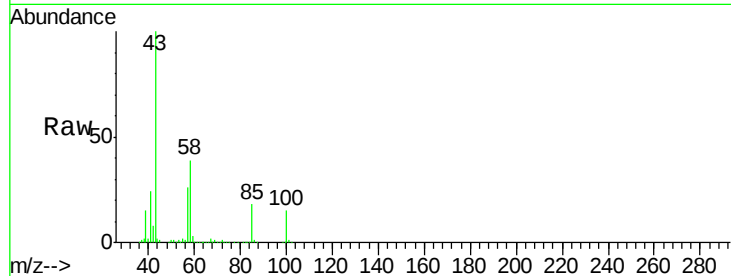
#51
4-Methyl-2-Pentanone
Concen: 236.66 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampled :
CKMW21MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.6	30.0	45.0

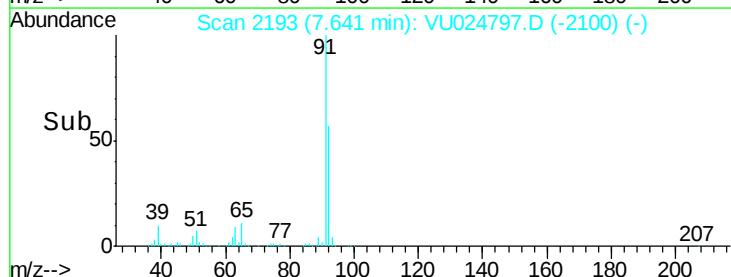
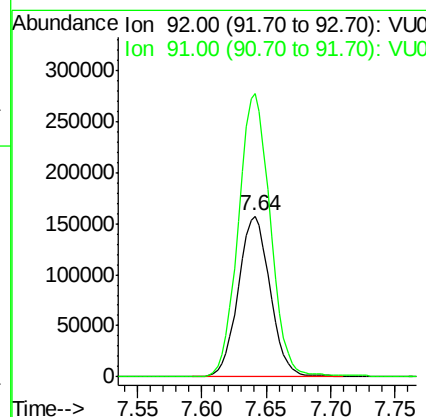
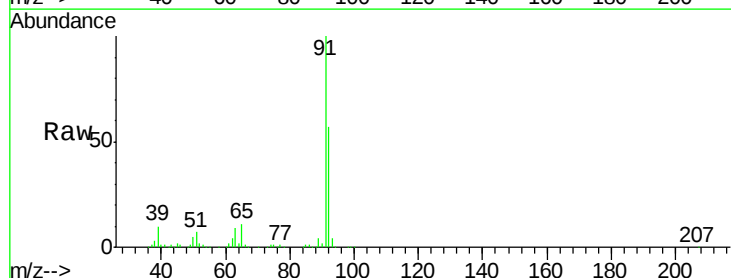
Manual Integrations
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#52
Toluene
Concen: 46.70 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	177.5	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 43.55 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion: 75 Resp: 164640

Ion Ratio Lower Upper

75 100

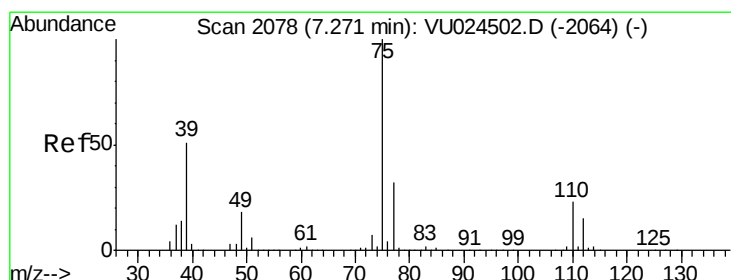
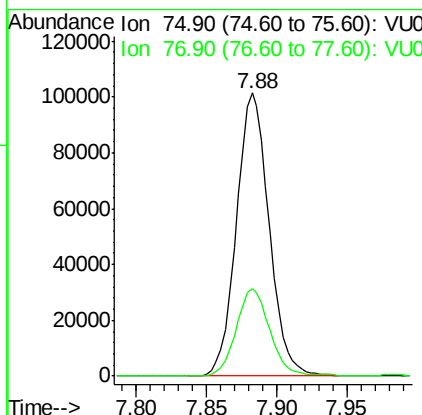
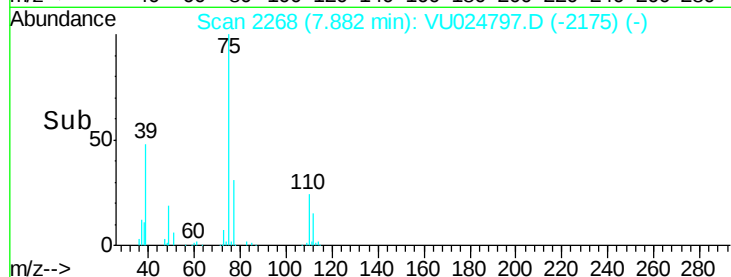
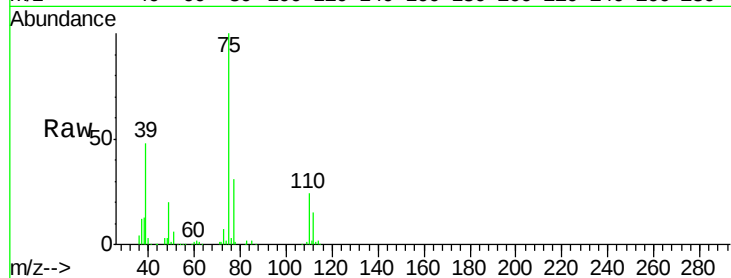
77 30.7 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 42.81 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

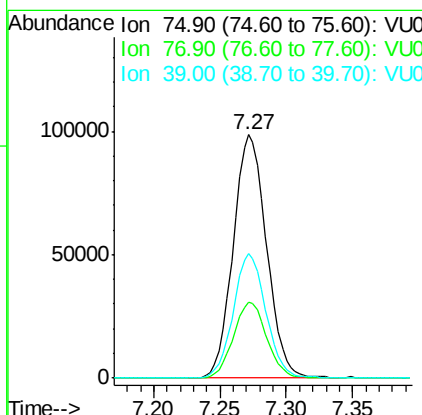
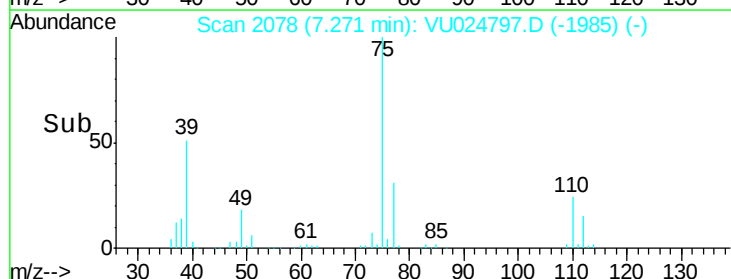
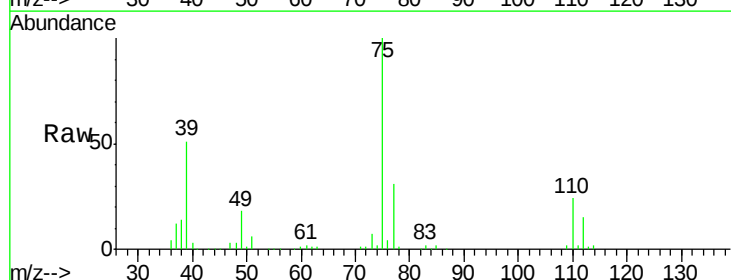
Tgt Ion: 75 Resp: 172446

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 50.9 39.8 59.6





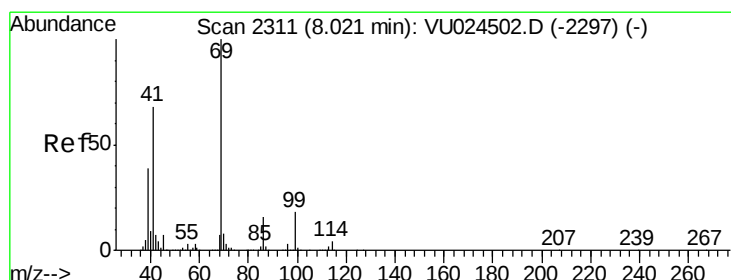
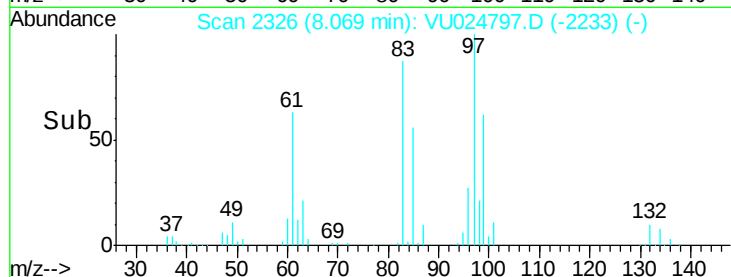
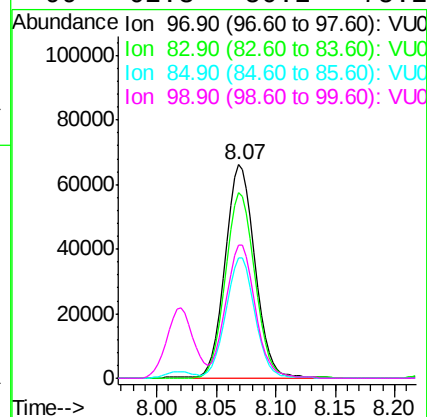
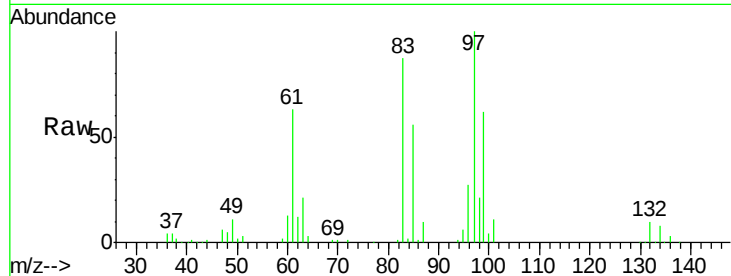
#55
 1,1,2-Trichloroethane
 Concen: 48.43 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion:	97	Resp:	114241
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.5	105.7
85	56.3	46.4	69.6
99	62.3	50.2	75.2

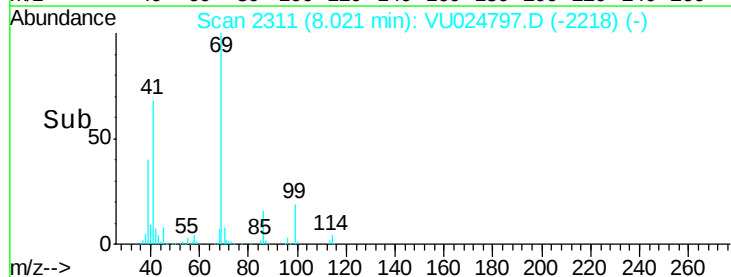
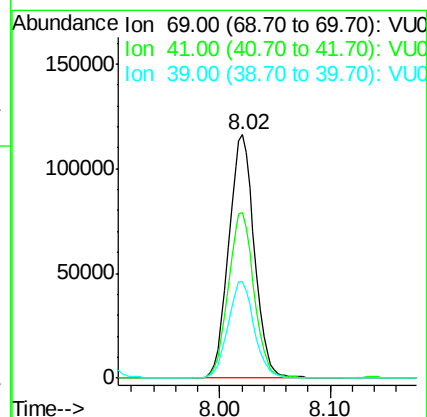
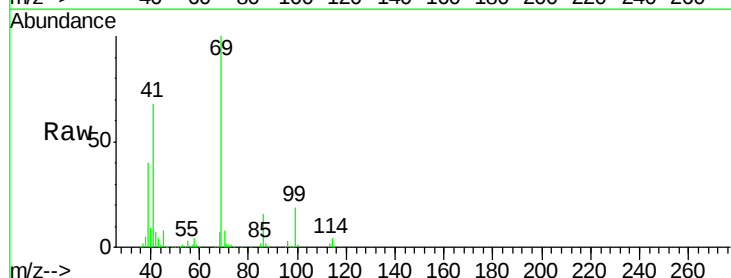
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#56
 Ethyl methacrylate
 Concen: 47.41 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion:	69	Resp:	187173
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.1	81.1
39	39.6	30.3	45.5





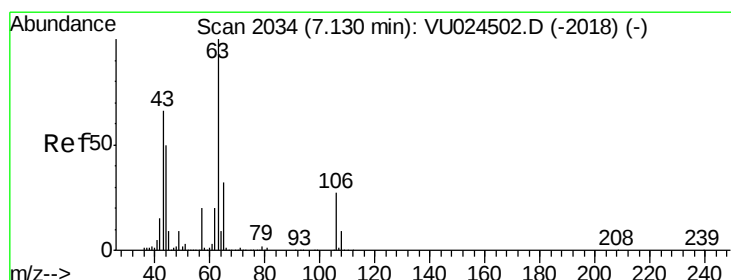
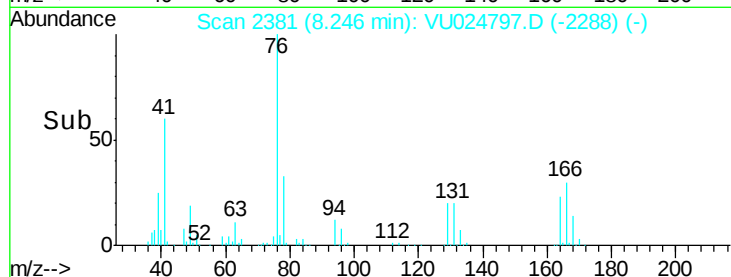
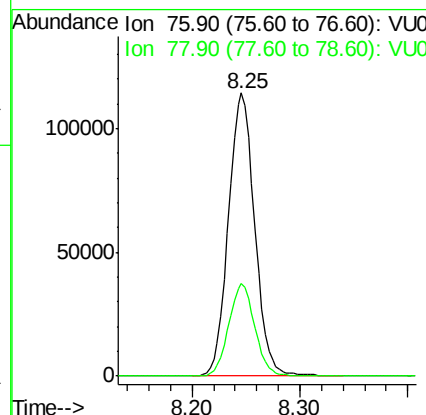
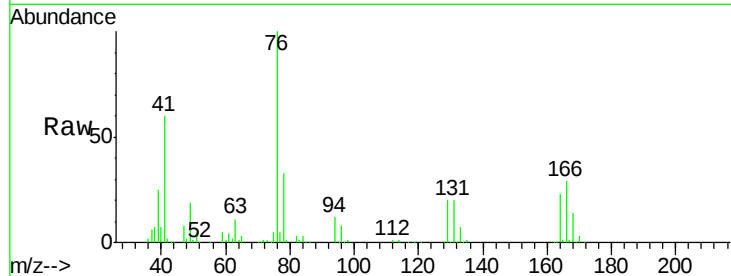
#57
 1,3-Dichloropropane
 Concen: 48.82 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion: 76 Resp: 194259
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8

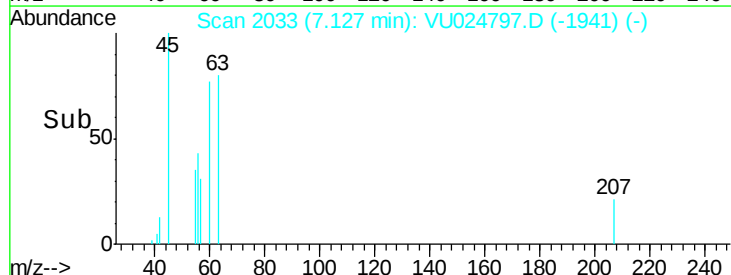
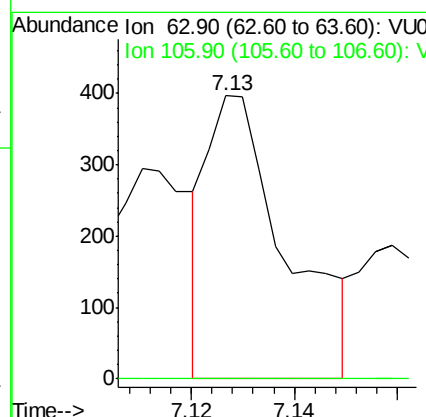
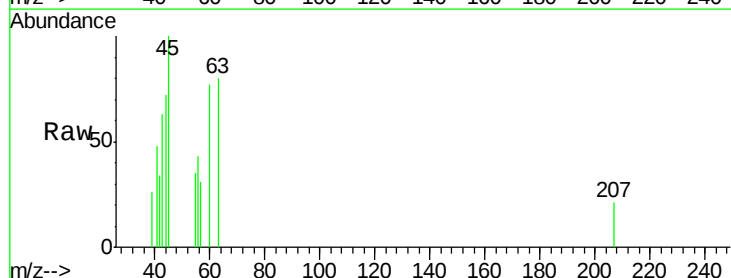
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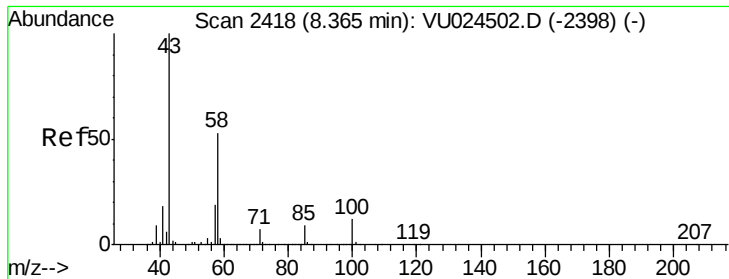
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#58
 2-Chloroethyl Vinyl ether
 Concen: 0.28 ug/l
 RT: 7.13 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion: 63 Resp: 420
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.2 30.2#





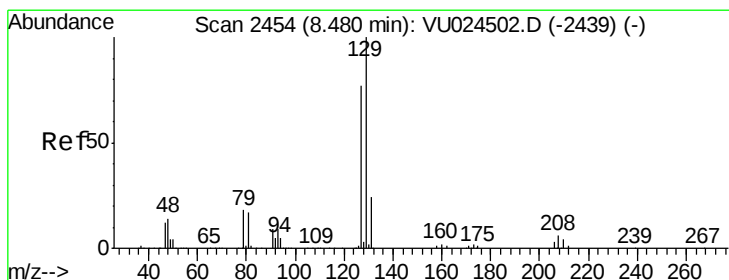
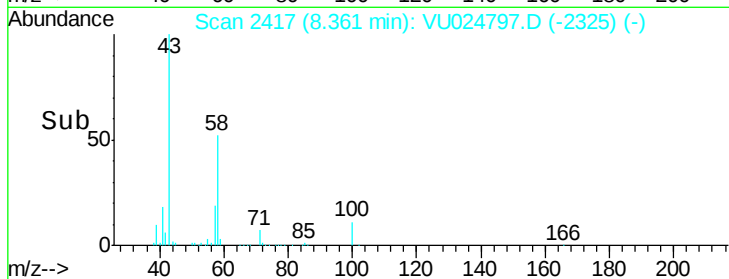
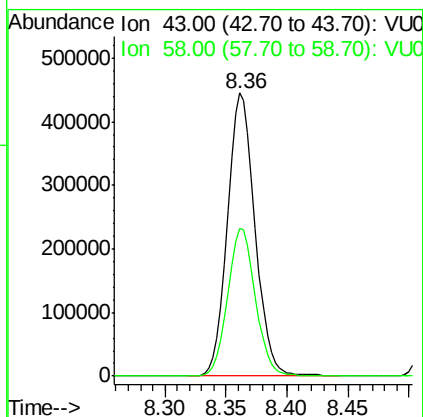
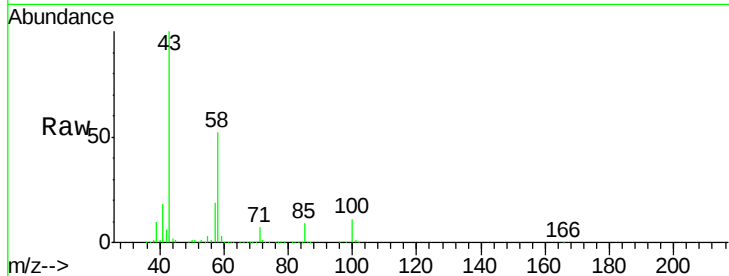
#59
2-Hexanone
Concen: 229.72 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion: 43 Resp: 702717
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.0

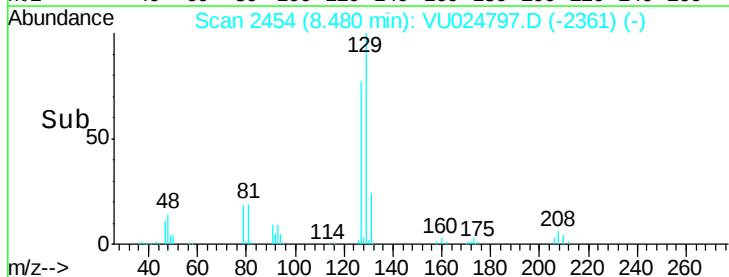
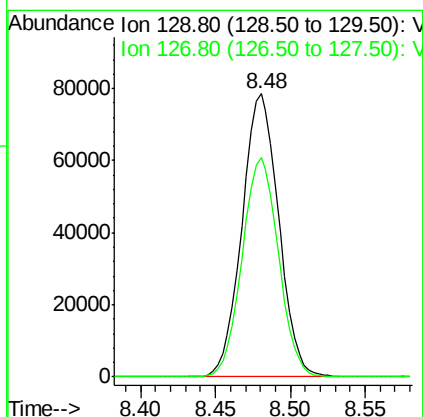
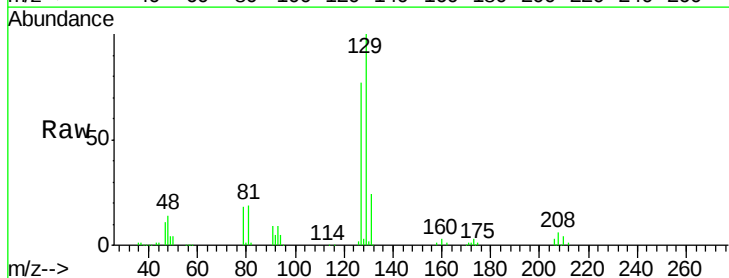
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#60
Dibromochloromethane
Concen: 45.68 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion:129 Resp: 134389
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 47.92 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion:107 Resp: 125823

Ion Ratio Lower Upper

107 100

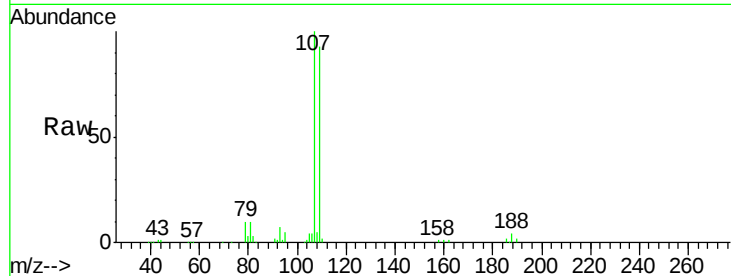
109 94.6 74.5 111.7

Manual Integrations

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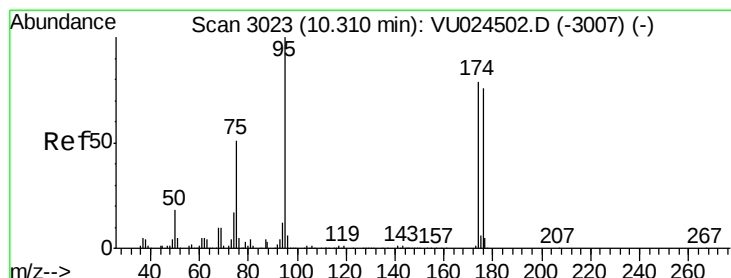
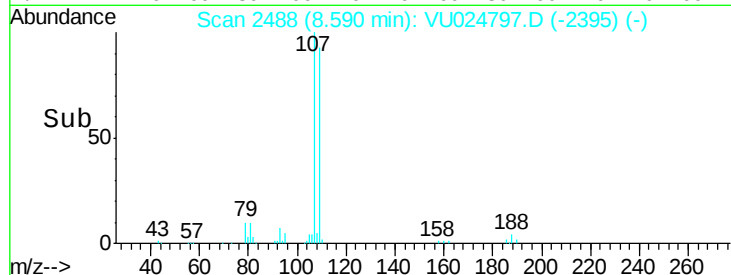
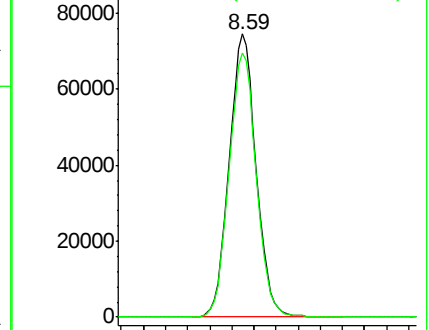
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.56 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

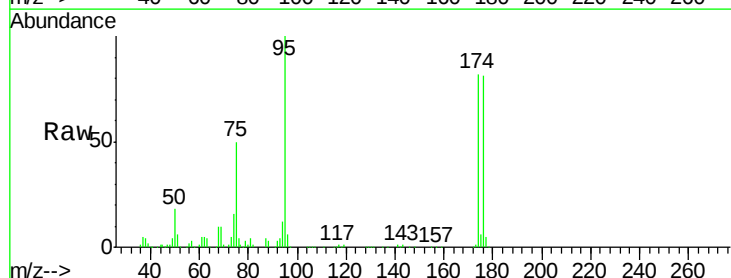
Tgt Ion: 95 Resp: 144277

Ion Ratio Lower Upper

95 100

174 84.9 0.0 165.8

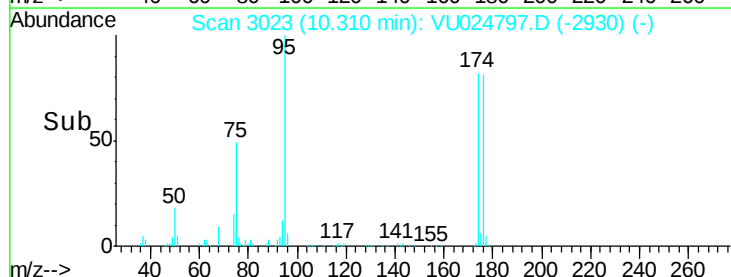
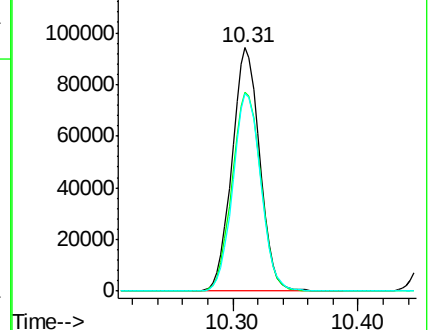
176 82.1 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





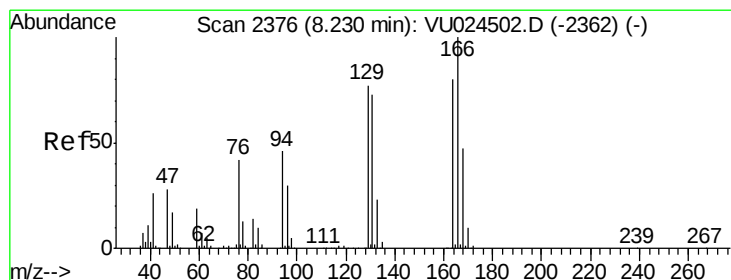
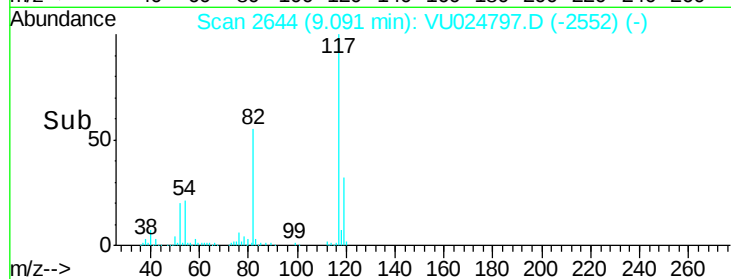
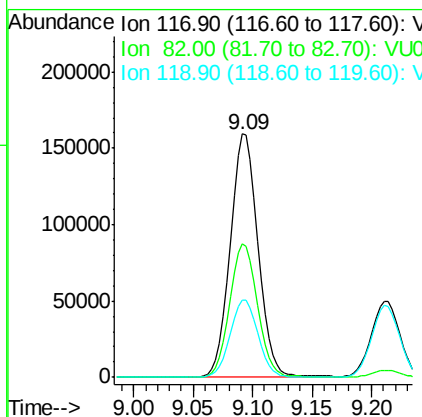
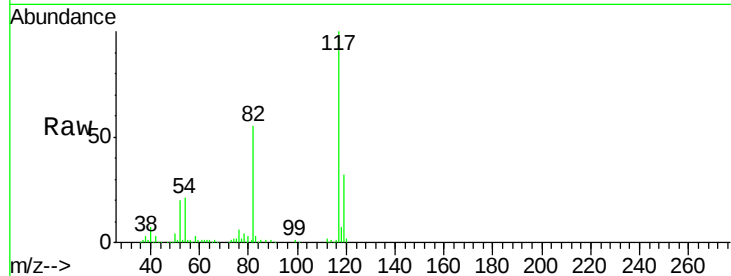
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	258817		
82	54.9		44.3	66.5
119	31.9		25.4	38.2

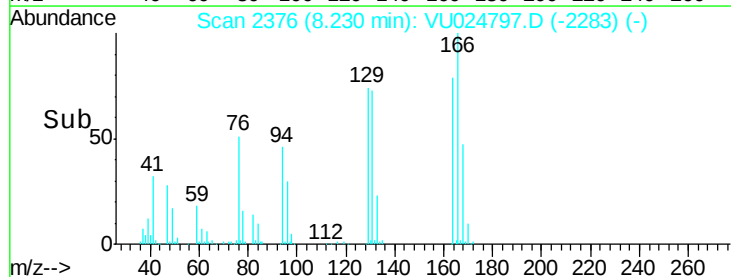
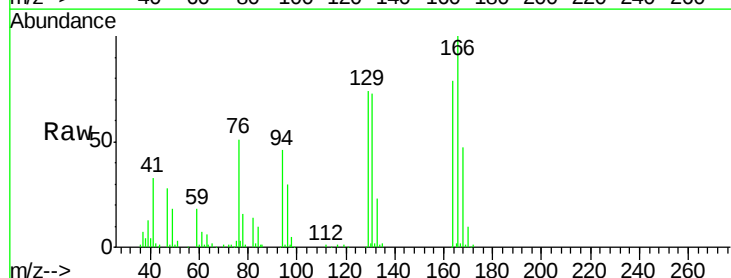
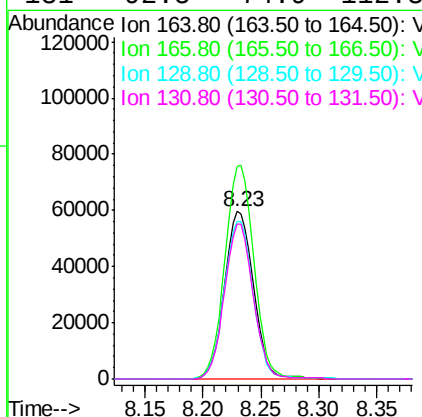
Manual Integrations
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#64
Tetrachloroethene
Concen: 41.81 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102861		
166	126.7		101.7	152.5
129	94.2		76.9	115.3
131	92.5		74.9	112.3





#65

Chlorobenzene

Concen: 47.59 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion:112 Resp: 314676

Ion Ratio Lower Upper

112 100

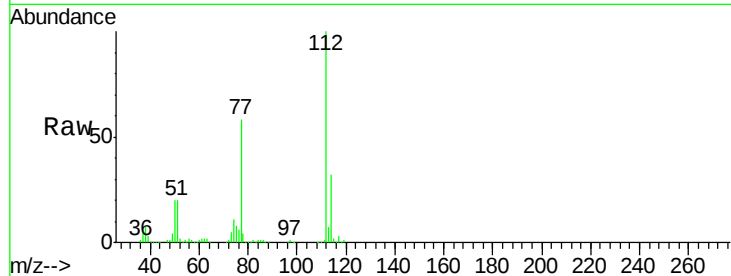
114 31.9 25.6 38.4

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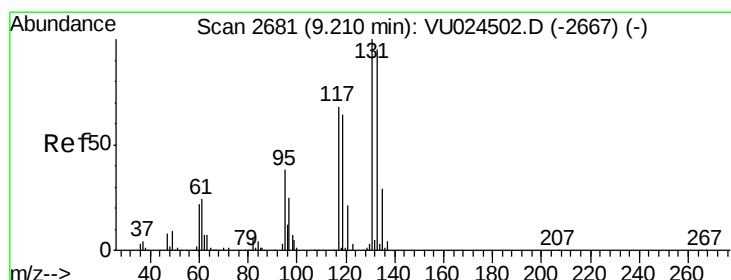
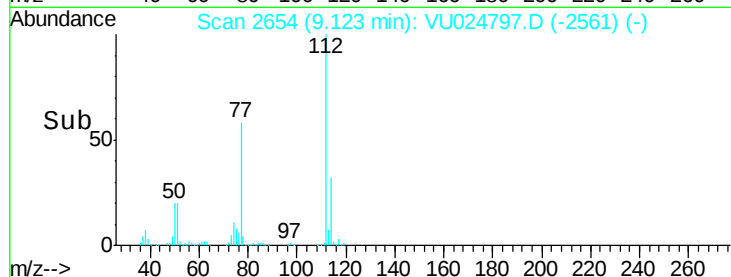
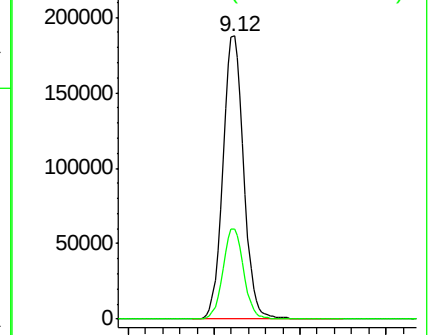
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.79 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

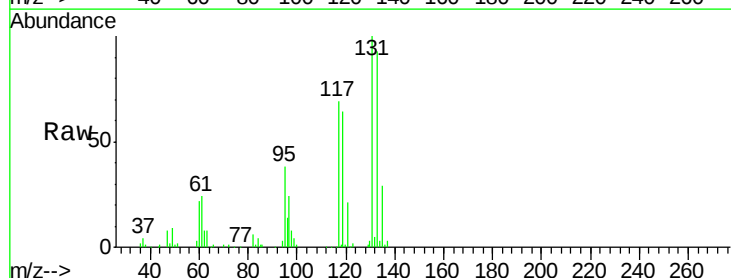
Tgt Ion:131 Resp: 120057

Ion Ratio Lower Upper

131 100

133 94.8 46.9 140.8

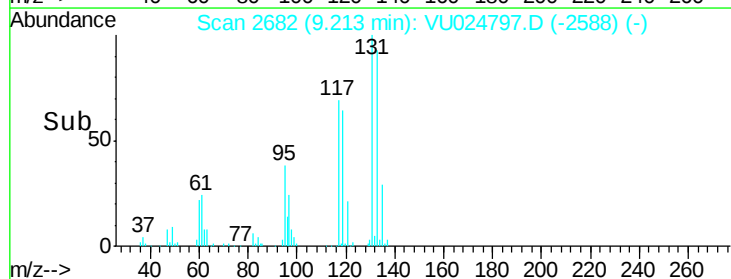
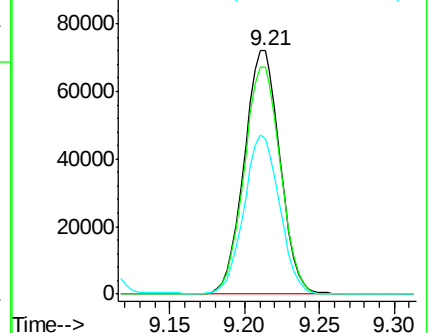
119 65.1 33.5 100.4

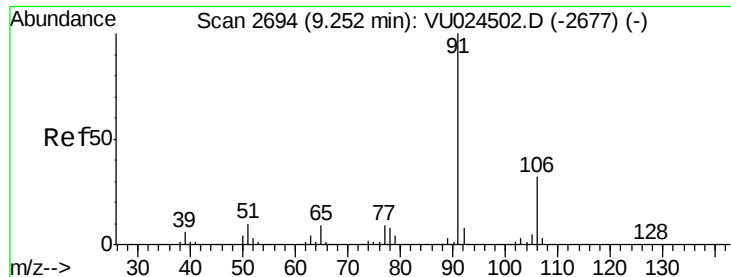


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.77 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion: 91 Resp: 542100

Ion Ratio Lower Upper

91 100

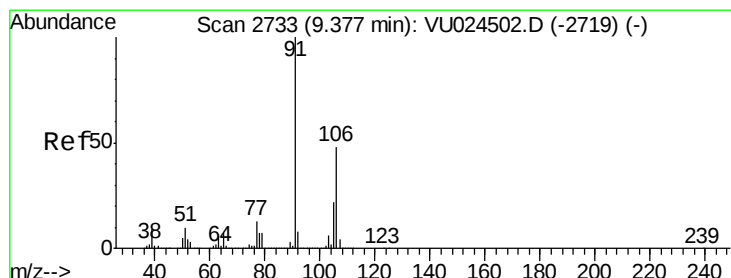
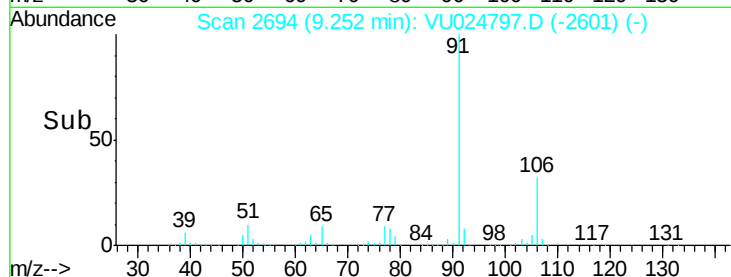
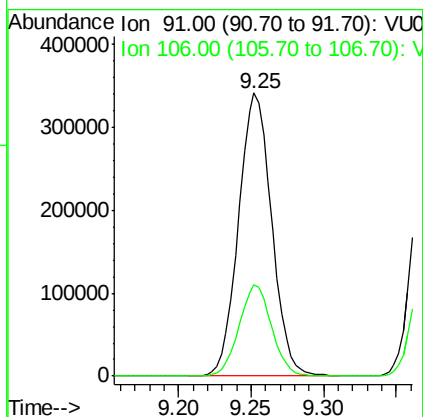
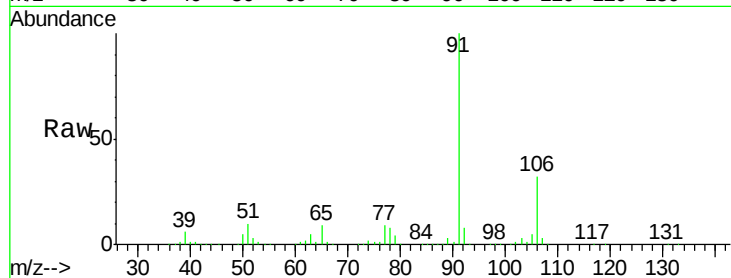
106 32.3 24.2 36.4

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#68

m/p-Xylenes

Concen: 94.80 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024797.D

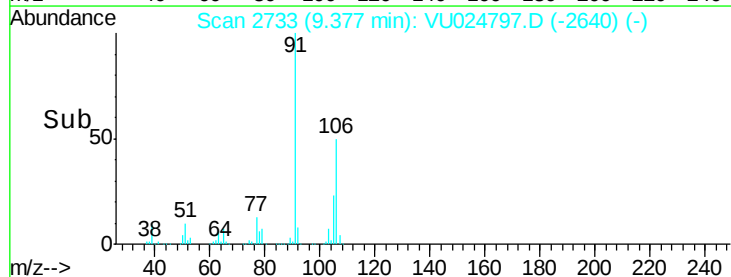
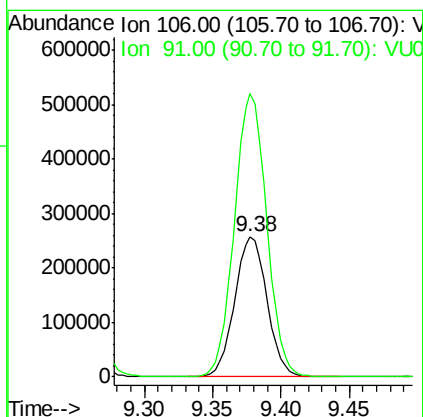
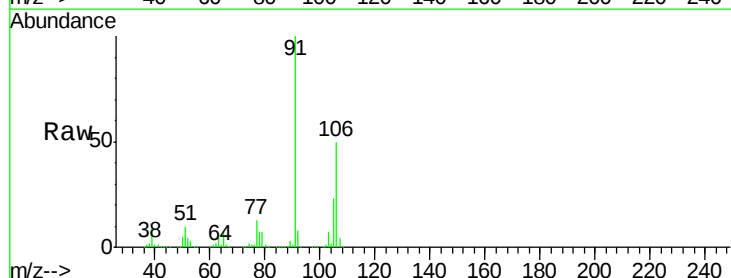
Acq: 21 Jun 2018 08:05

Tgt Ion: 106 Resp: 421960

Ion Ratio Lower Upper

106 100

91 202.6 166.5 249.7





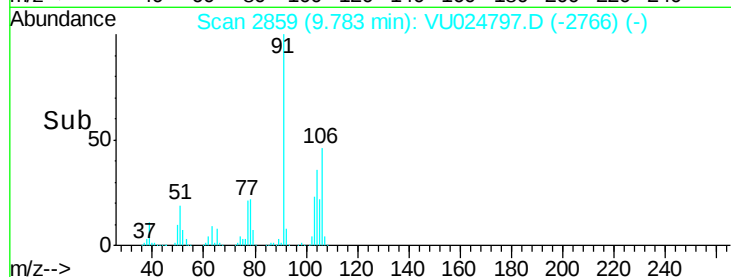
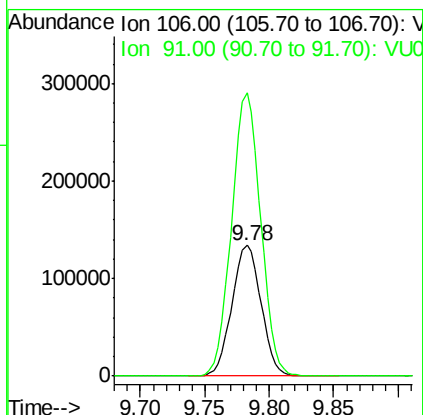
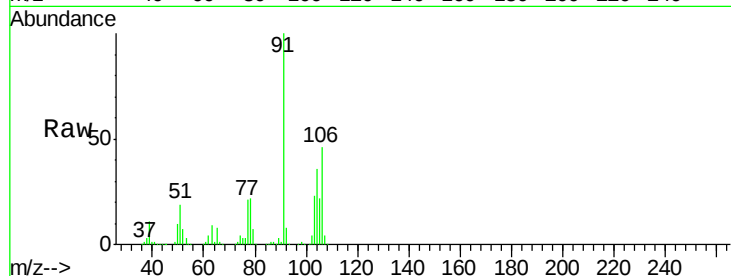
#69
o-Xylene
Concen: 47.92 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.3	110.7	331.9

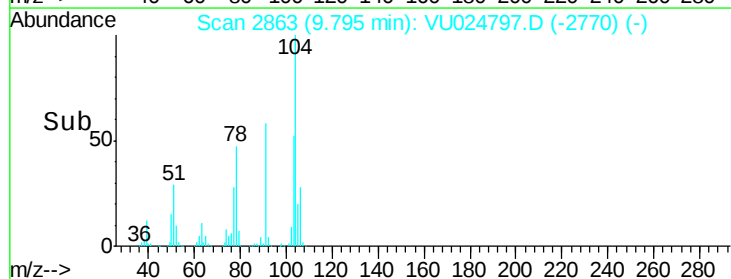
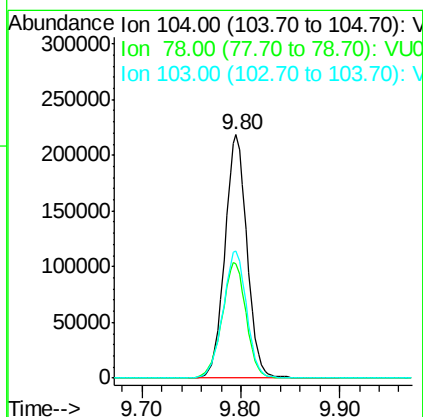
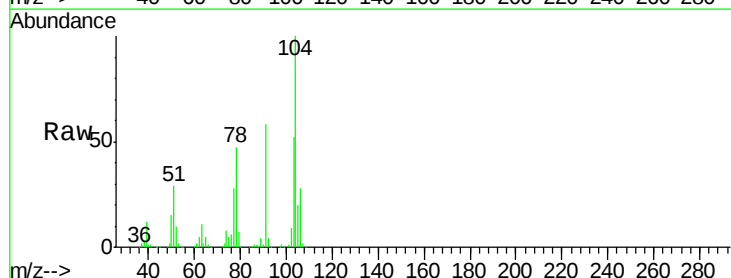
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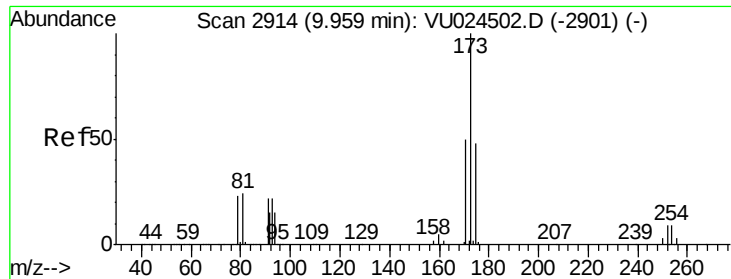
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#70
Styrene
Concen: 47.56 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	40.6	60.8
103	56.0	44.7	67.1





#71

Bromoform

Concen: 45.17 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

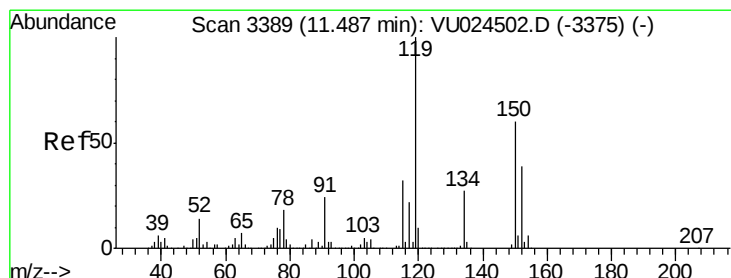
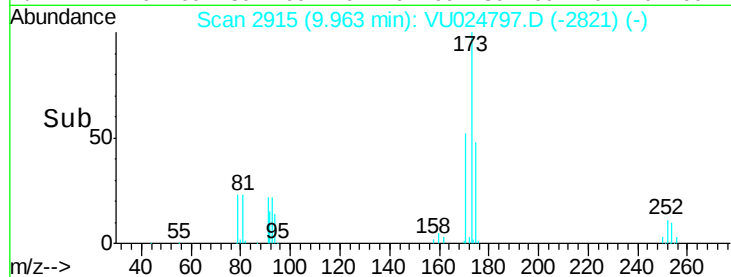
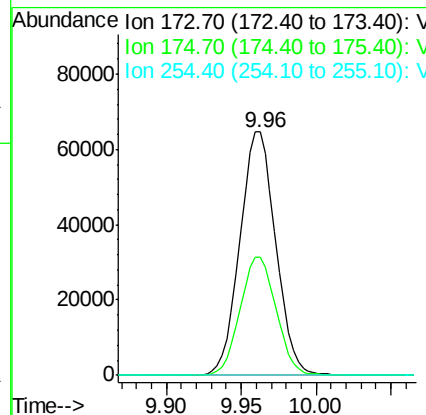
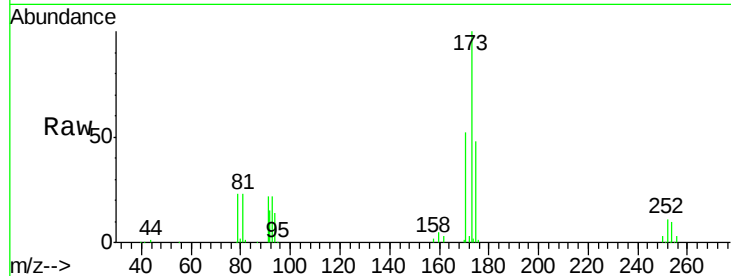
ClientSampleId :

CKMW21MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

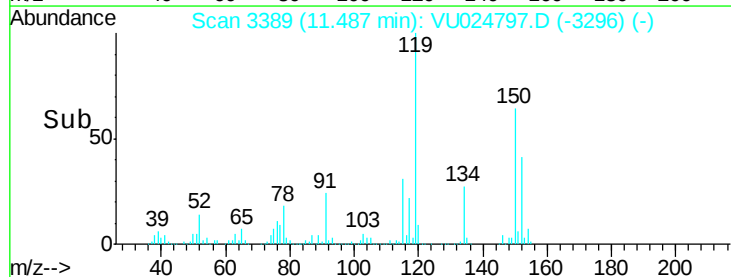
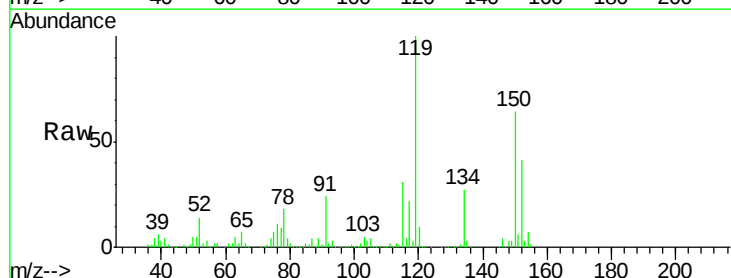
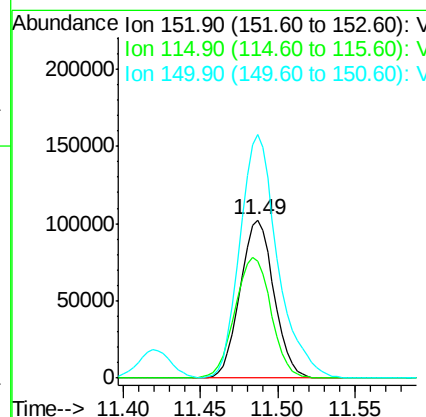
RT: 11.49 min Scan# 3389

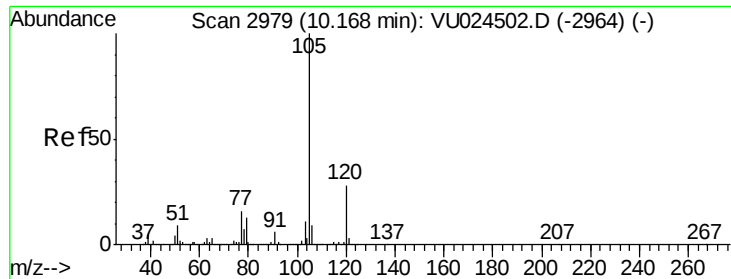
Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.8	43.0	129.0
150	172.3	0.0	354.0





#73

Isopropylbenzene

Concen: 47.59 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion: 105 Resp: 567047

Ion Ratio Lower Upper

105 100

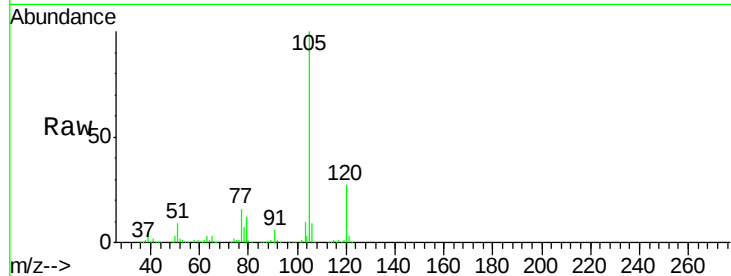
120 27.1 13.2 39.6

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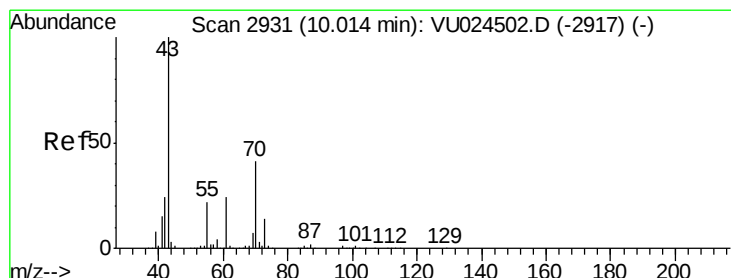
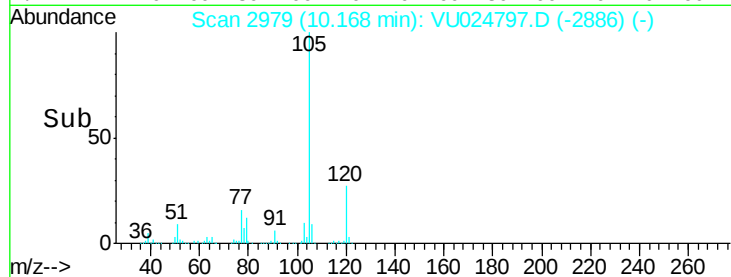
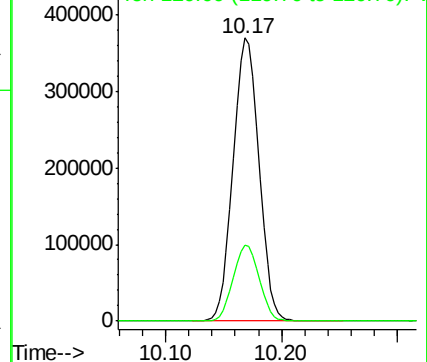
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.73 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion: 43 Resp: 230855

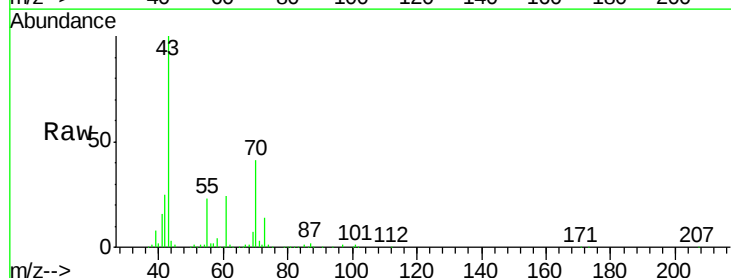
Ion Ratio Lower Upper

43 100

70 40.7 32.2 48.4

55 23.3 20.5 30.7

61 23.3 18.7 28.1

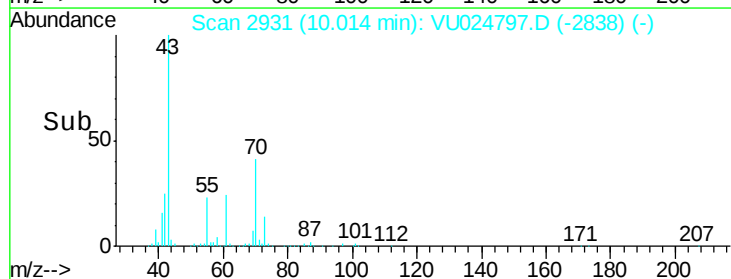
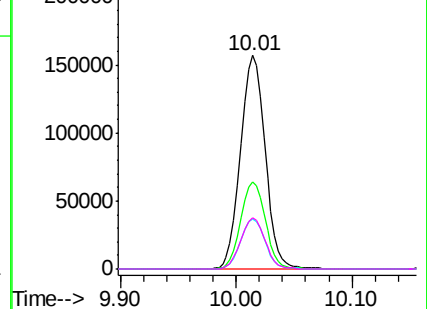


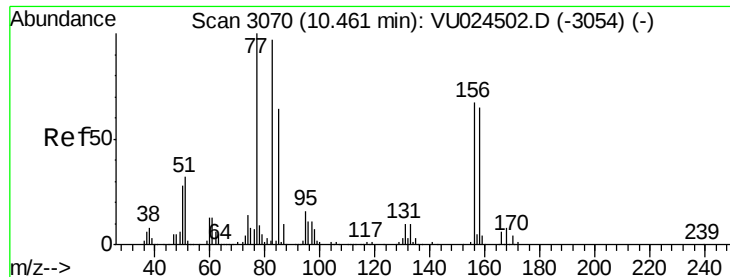
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.99 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion: 83 Resp: 195623

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

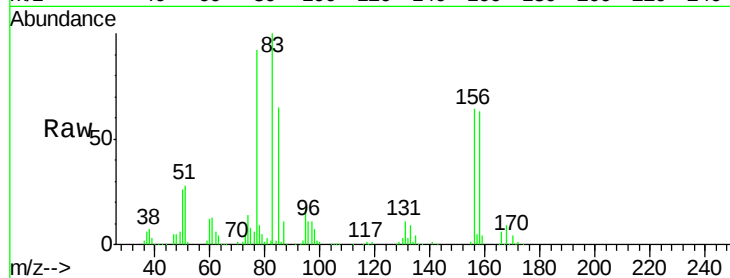
85 64.6 32.5 97.5

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Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0

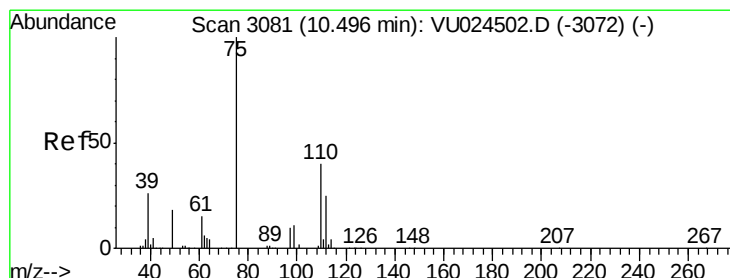
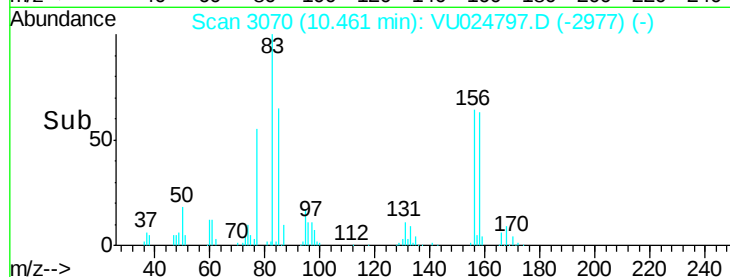
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 47.43 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024797.D

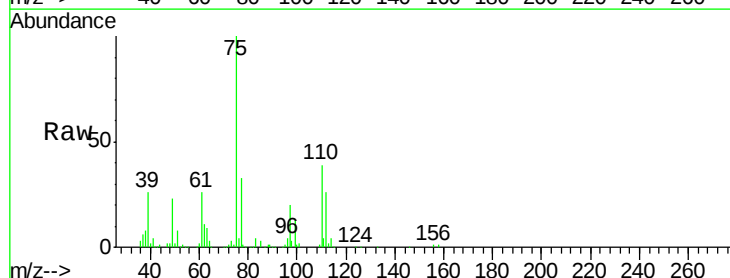
Acq: 21 Jun 2018 08:05

Tgt Ion: 75 Resp: 162069

Ion Ratio Lower Upper

75 100

77 41.6 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

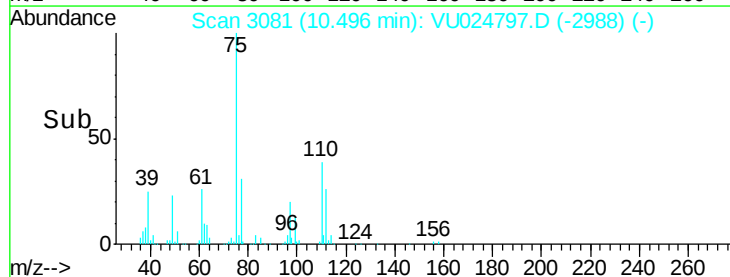
150000

100000

50000

0

Time-->





#77

Bromobenzene

Concen: 48.39 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

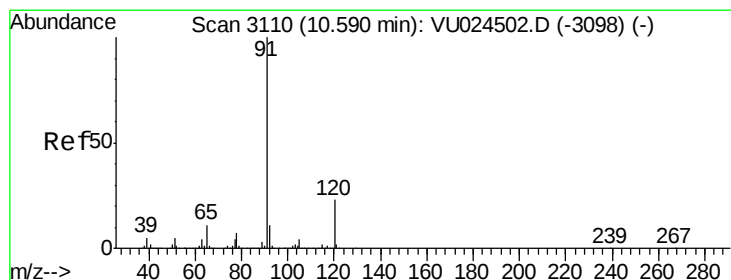
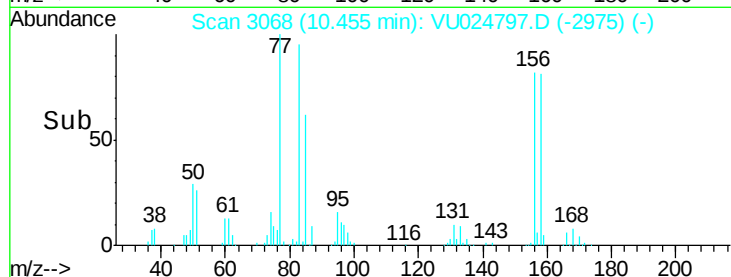
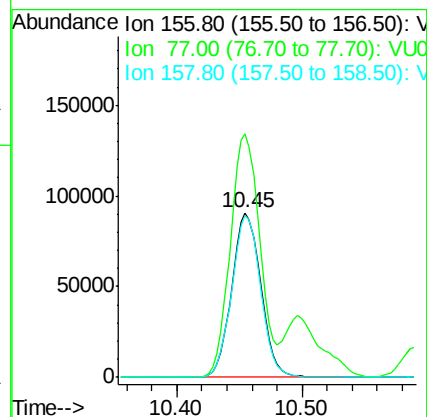
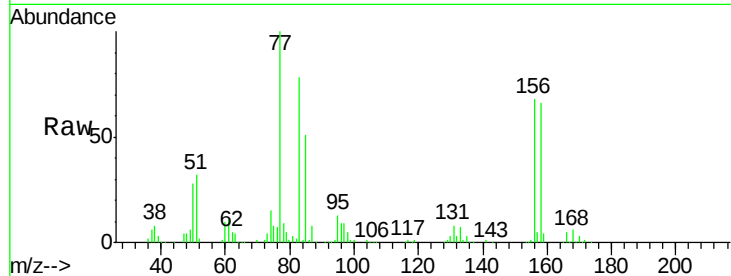
ClientSampleId :

CKMW21MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.5	80.5	241.3
158	97.6	48.2	144.6

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#78

n-propylbenzene

Concen: 45.52 ug/l

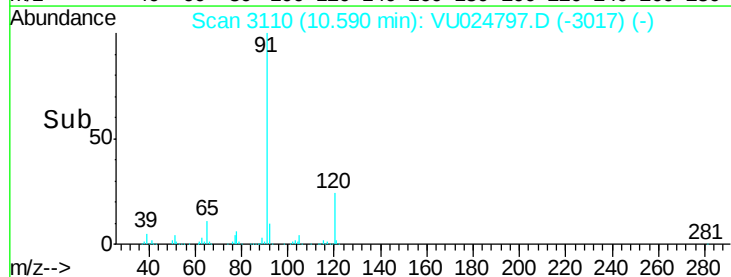
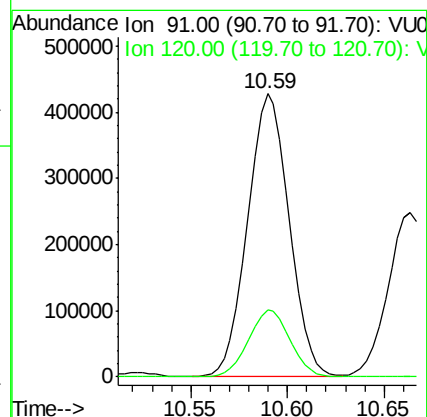
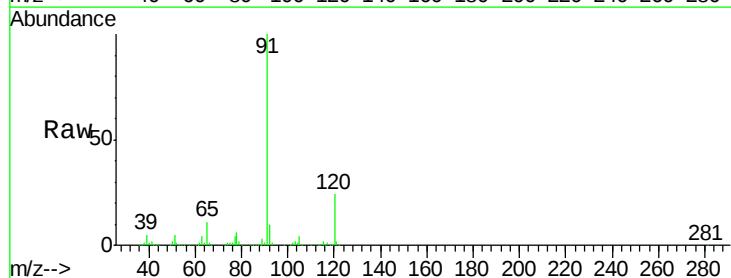
RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.2	33.5





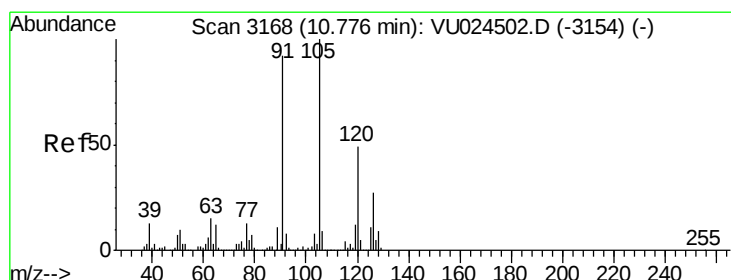
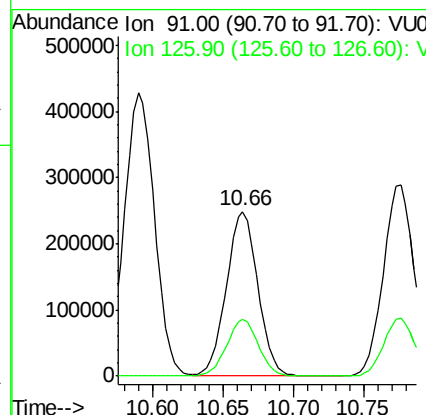
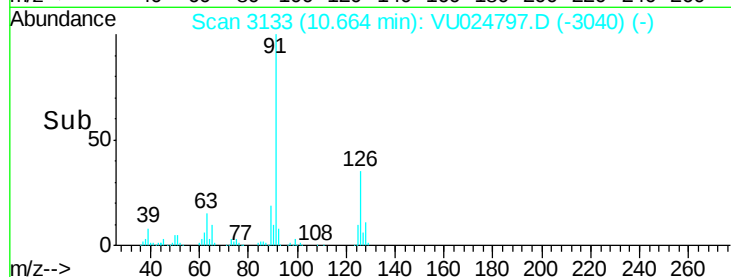
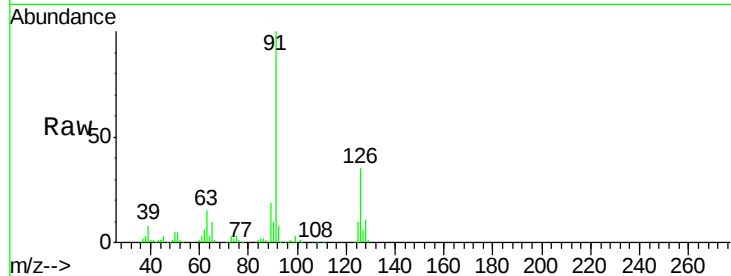
#79
 2-Chlorotoluene
 Concen: 46.76 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion: 91 Resp: 387088
 Ion Ratio Lower Upper
 91 100
 126 34.5 16.9 50.7

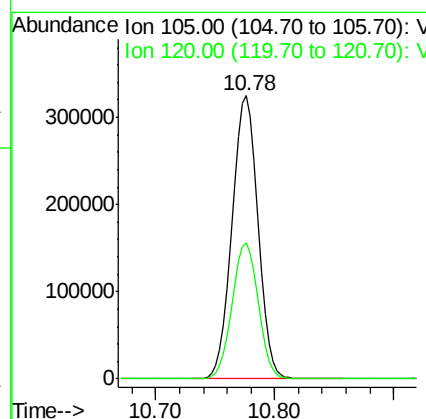
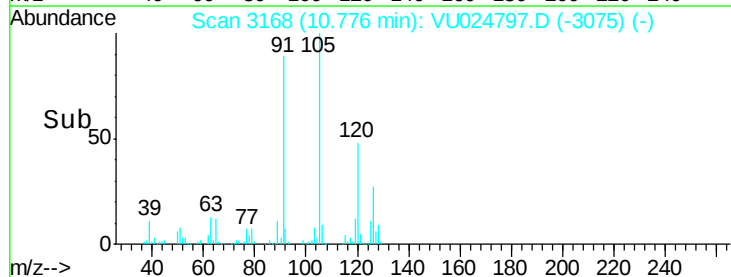
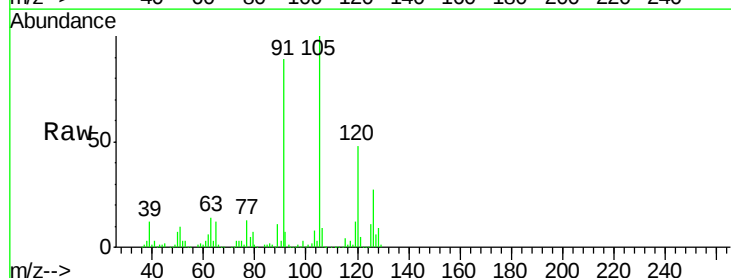
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.45 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion: 105 Resp: 490096
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.2





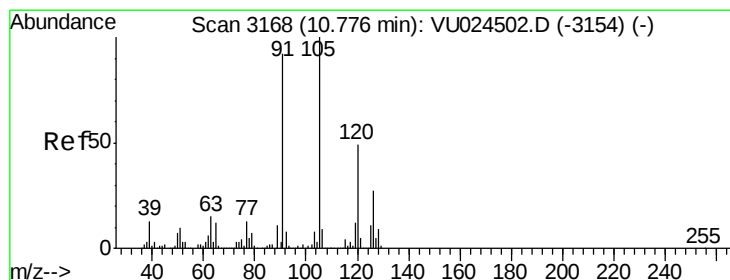
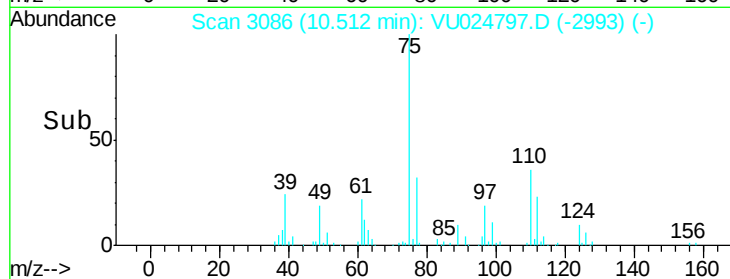
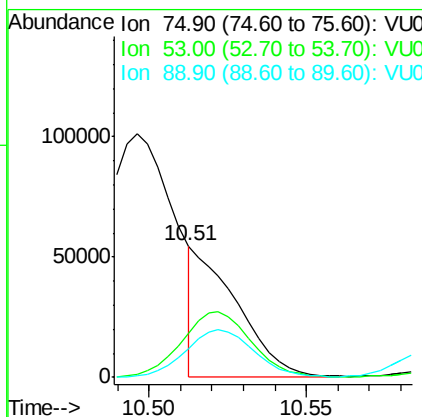
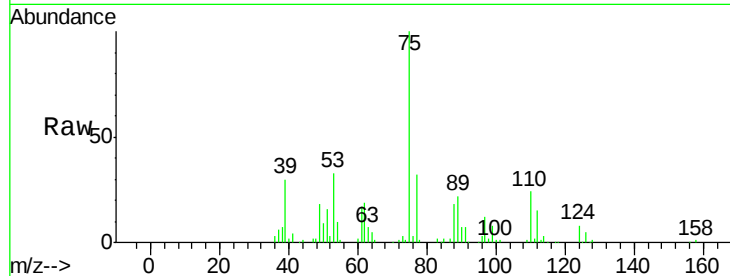
#81
trans-1,4-Dichloro-2-butene
Concen: 35.23 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

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

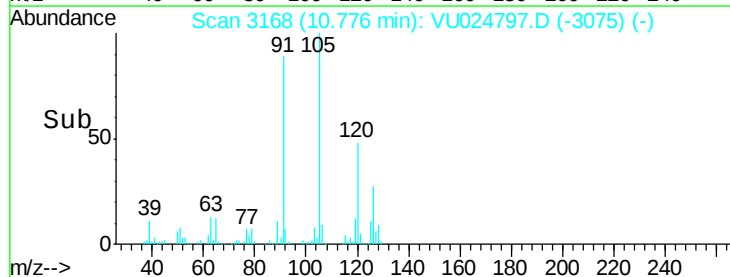
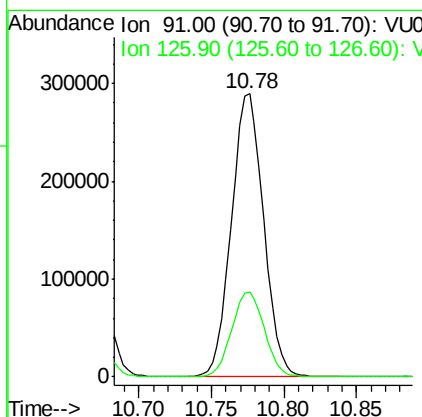
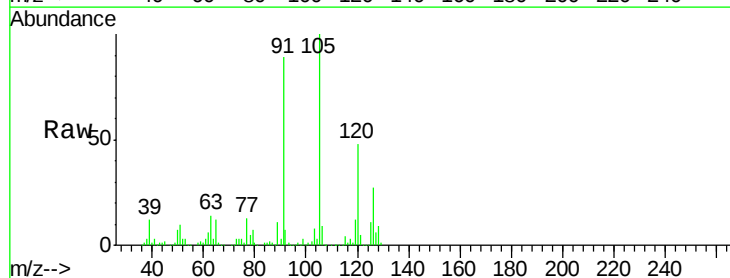
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#82
4-Chlorotoluene
Concen: 46.18 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.9	44.9





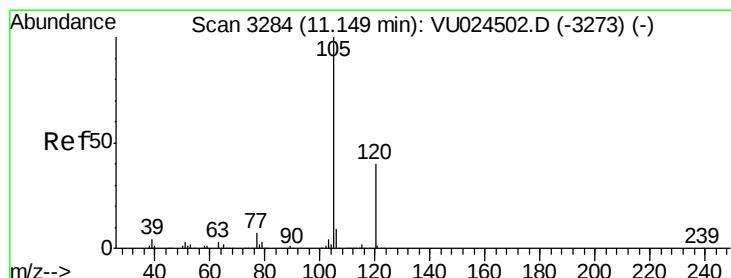
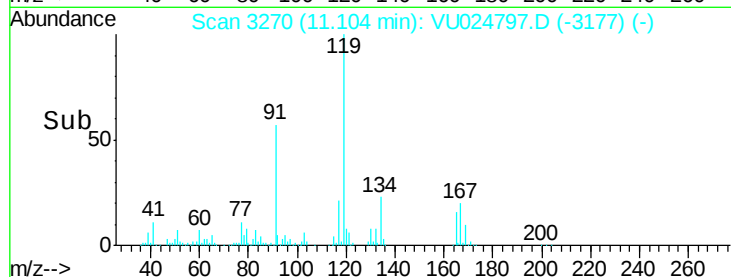
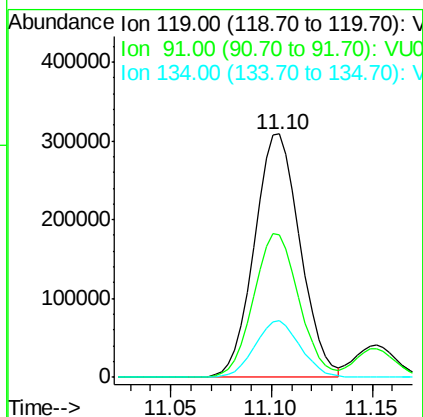
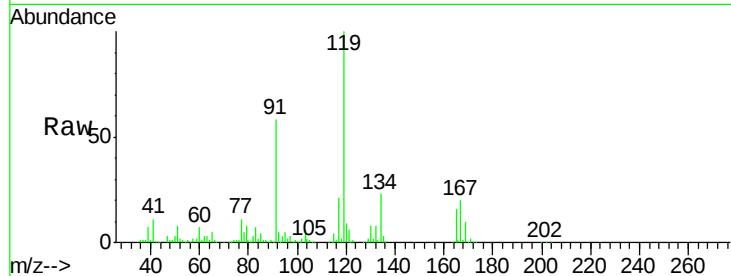
#83
 tert-Butylbenzene
 Concen: 49.31 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.7	89.1
134	22.9	11.6	34.7

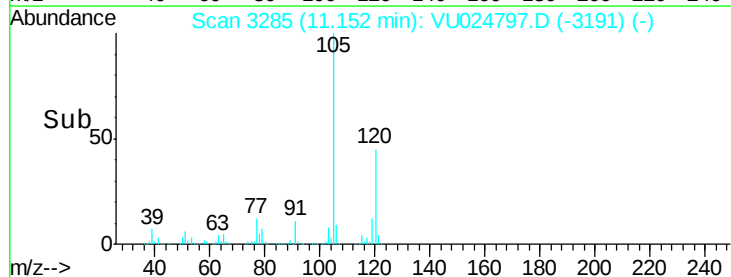
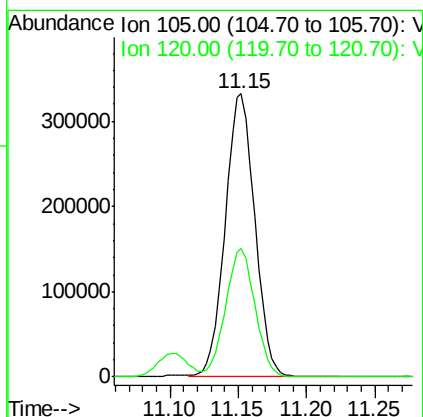
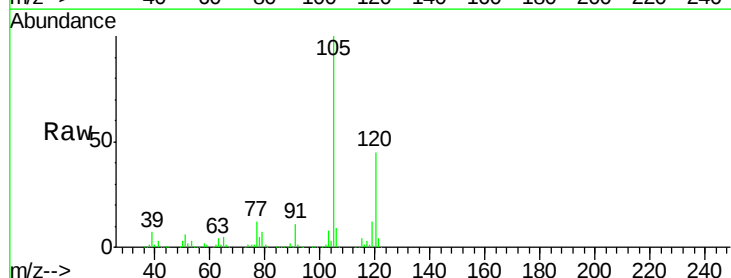
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.48 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 46.64 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

Tot Ion:105 Resp: 579990

Ion Ratio Lower Upper

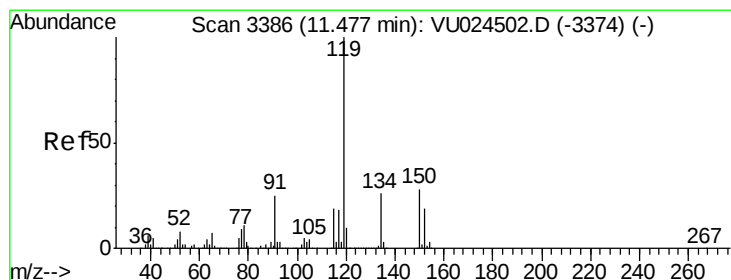
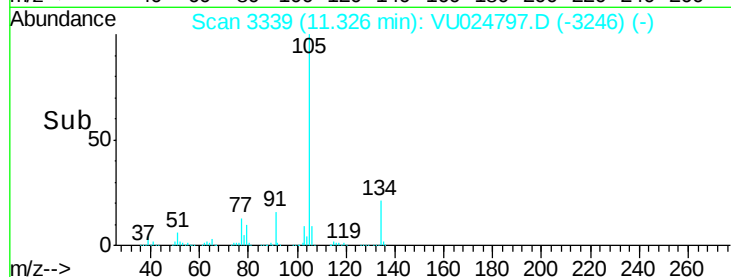
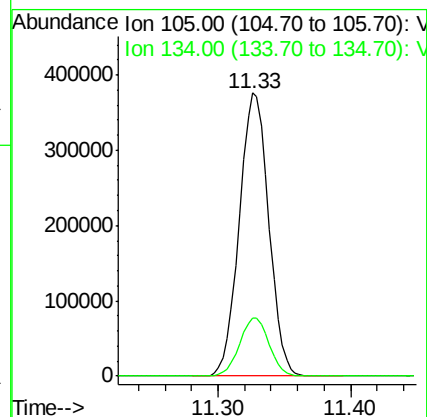
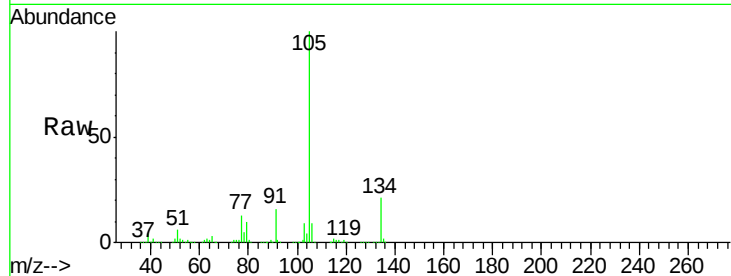
105 100

134 20.6 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 46.66 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

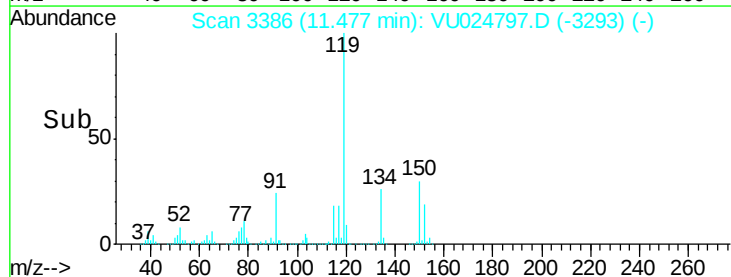
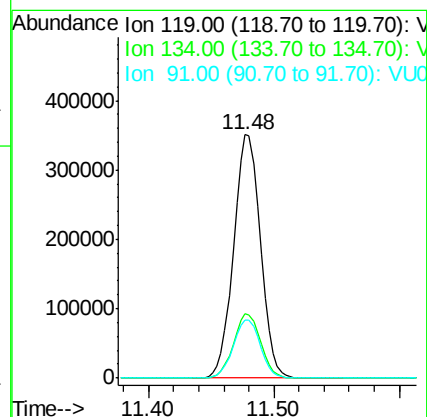
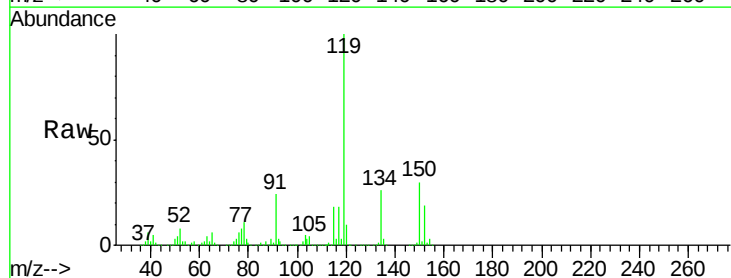
Tgt Ion:119 Resp: 519704

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

91 24.2 12.0 36.1





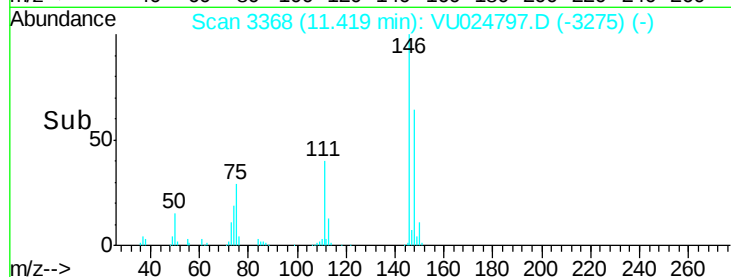
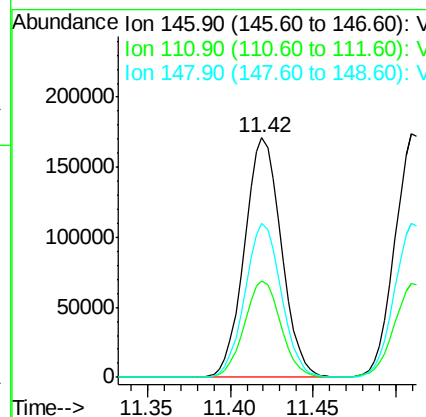
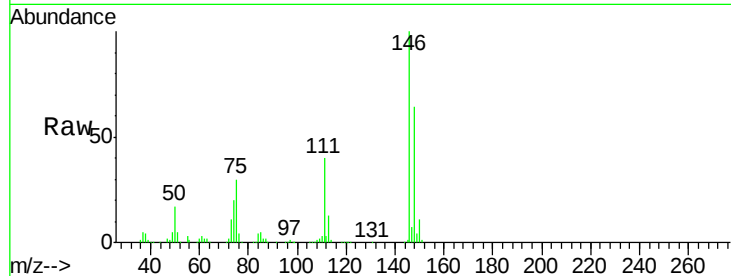
#87
 1,3-Dichlorobenzene
 Concen: 47.41 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	63.4	32.1	96.5

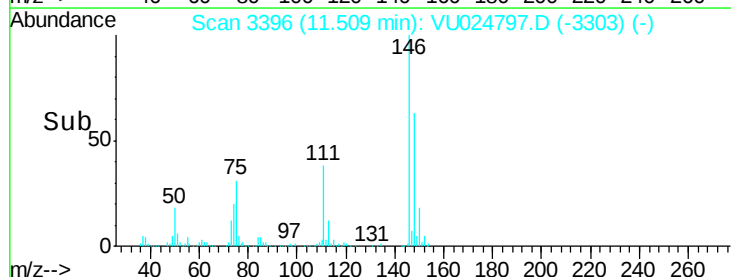
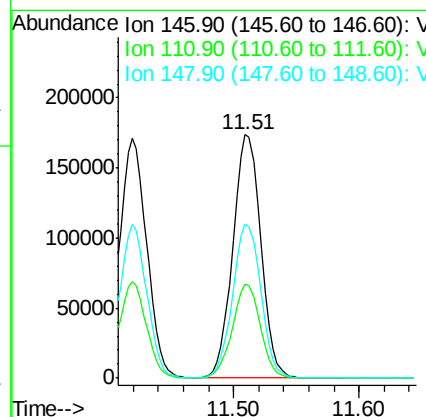
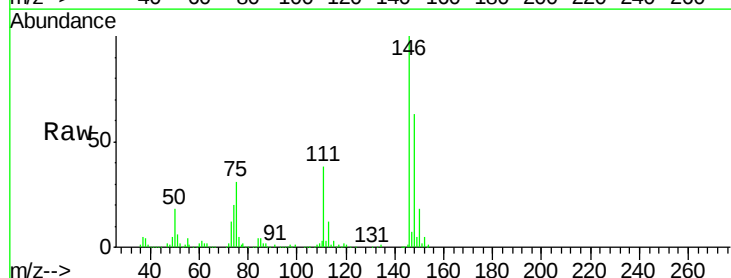
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#88
 1,4-Dichlorobenzene
 Concen: 47.97 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.5	58.5
148	63.9	32.4	97.0





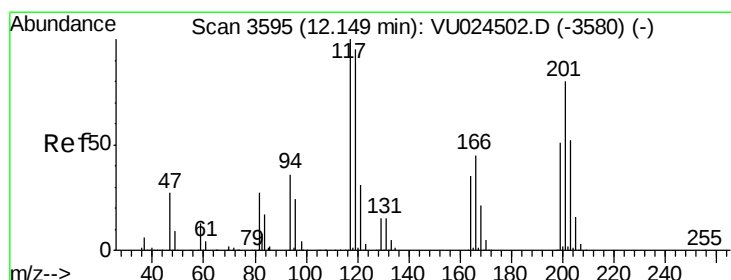
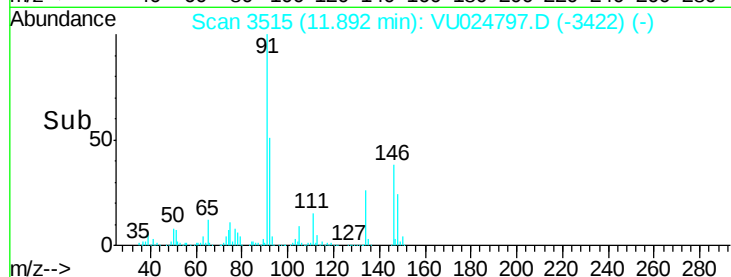
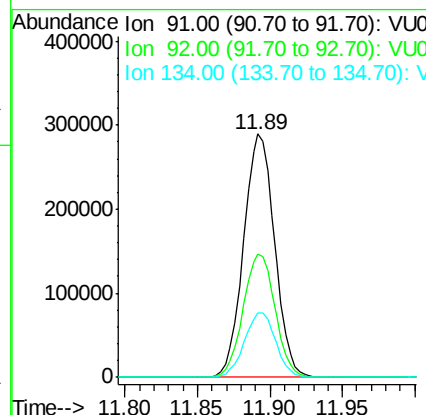
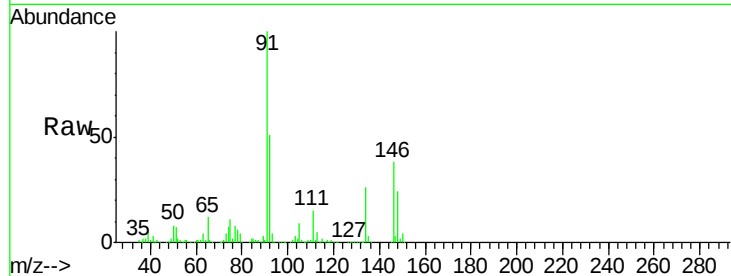
#89
n-Butylbenzene
Concen: 43.42 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.6	76.8
134	26.8	12.3	36.8

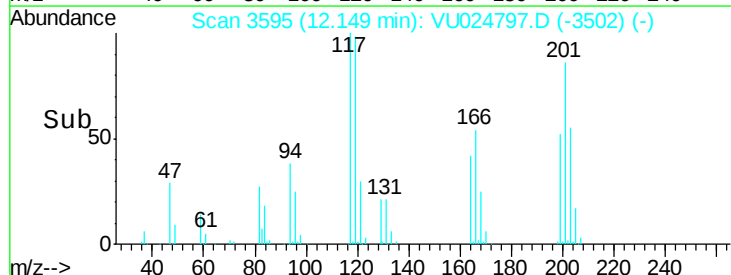
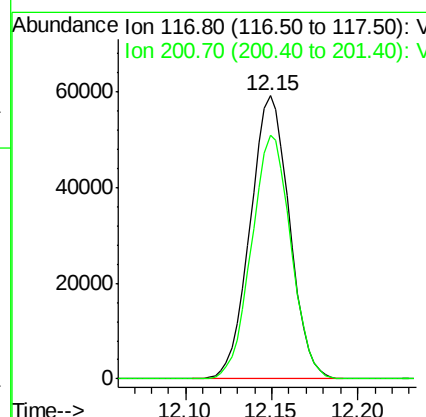
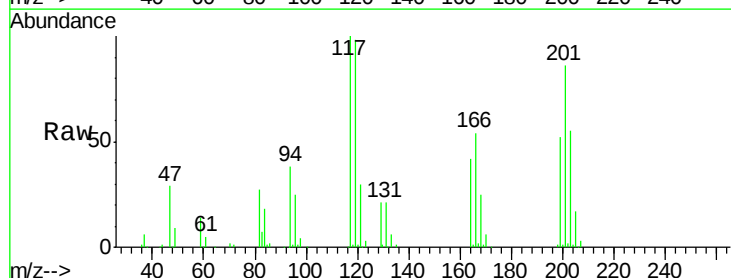
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#90
Hexachloroethane
Concen: 43.22 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.1	41.1	123.3





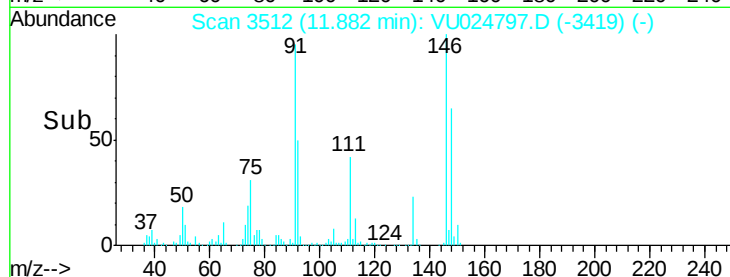
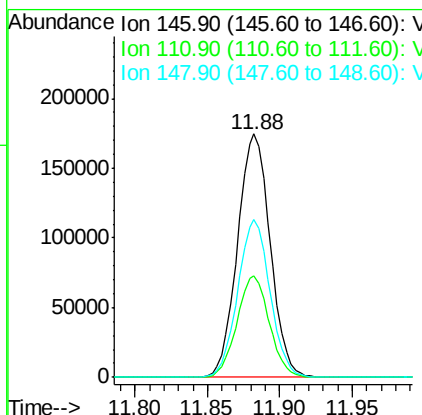
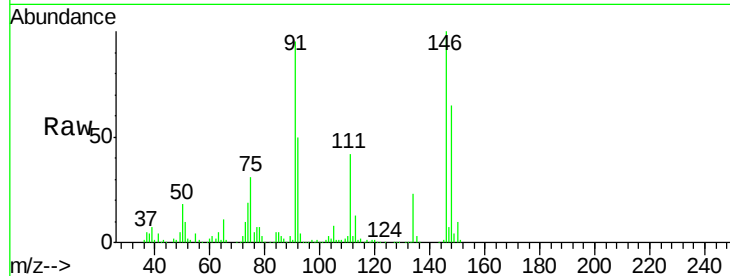
#91
 1,2-Dichlorobenzene
 Concen: 48.98 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.6
148	64.1	31.9	95.7

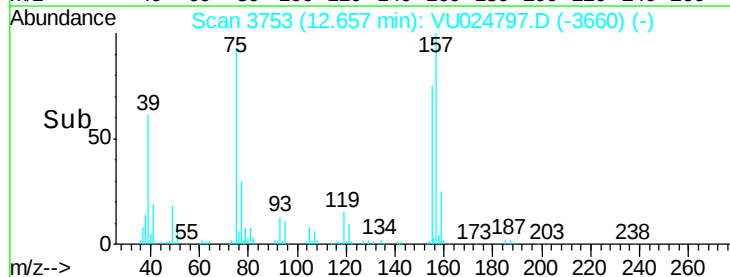
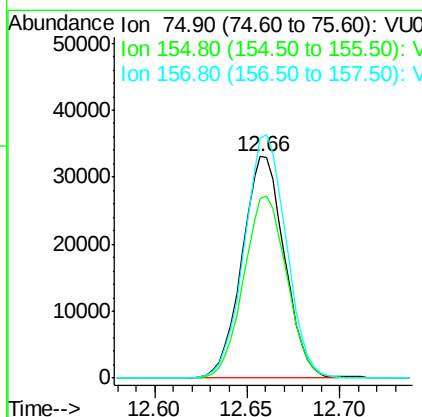
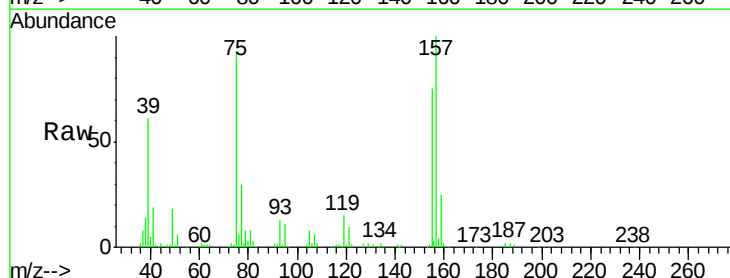
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.71 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	40.4	121.2
157	108.6	52.3	156.8





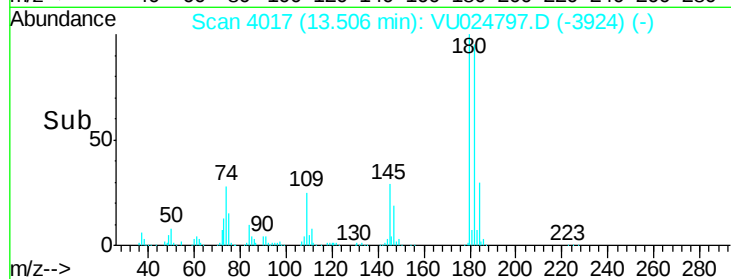
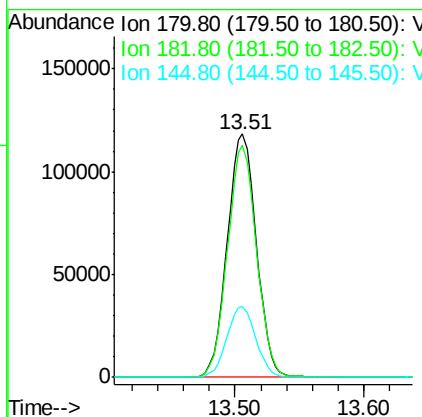
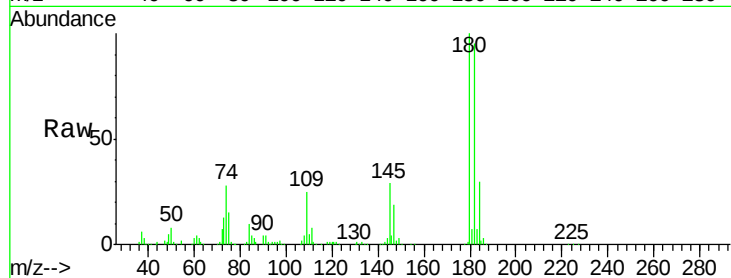
#93
 1,2,4-Trichlorobenzene
 Concen: 53.96 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	186036		
182	94.9	48.0	144.2	
145	29.0	14.7	44.1	

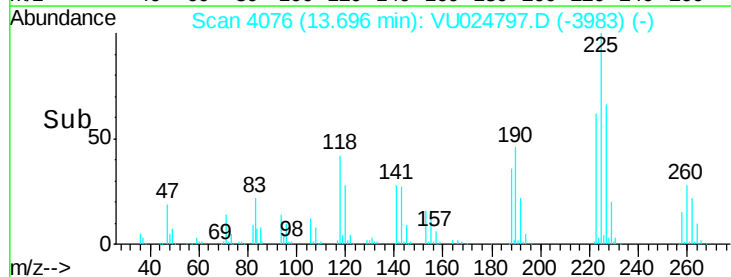
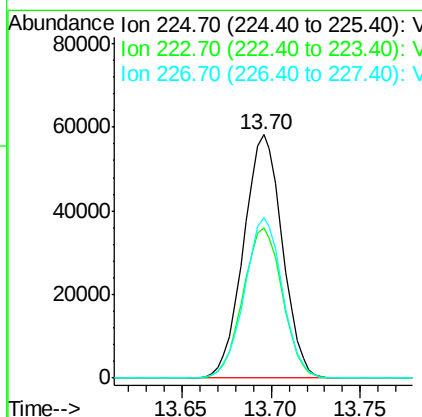
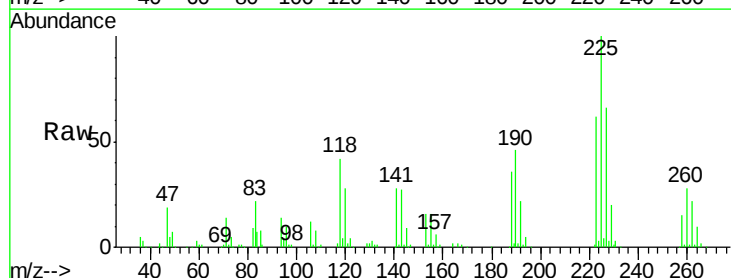
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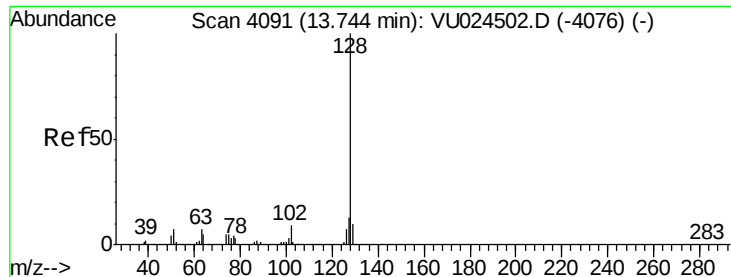
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#94
 Hexachlorobutadiene
 Concen: 45.50 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88285		
223	62.6	31.3	93.8	
227	64.6	31.8	95.4	





#95

Naphthalene

Concen: 53.93 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

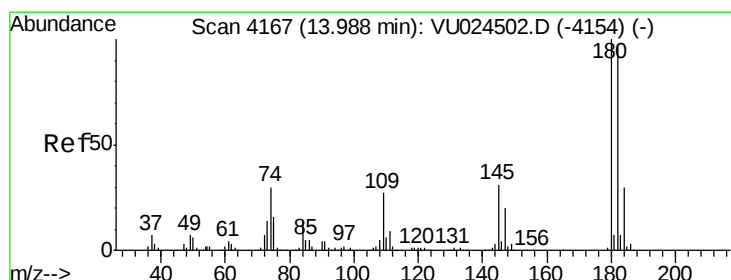
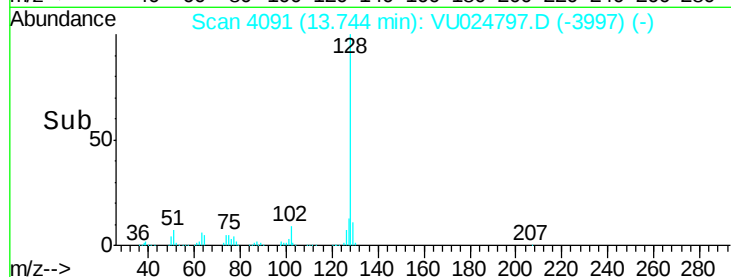
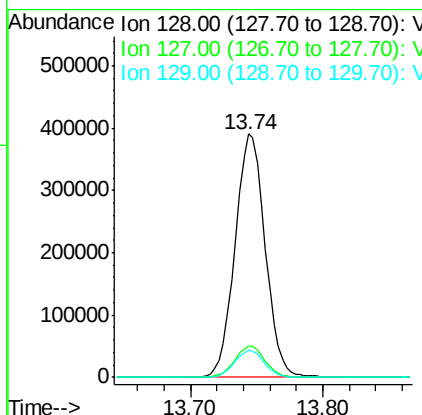
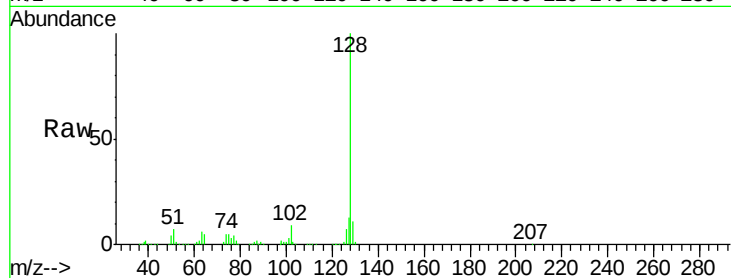
ClientSampleId :

CKMW21MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.0	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 55.93 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.7
145	31.9	15.4	46.1

