

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025711.D
 Acq On : 28 Jul 2018 08:28
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 3:50:42 PM

Quant Time: Jul 30 01:26:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	176823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	271949	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	265716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	168683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	141080	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	4.89	113	114666	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	7.57	98	413192	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	10.31	95	161350	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	141268	52.86	ug/l	97
3) Chloromethane	1.33	50	114519	44.83	ug/l	100
4) Vinyl Chloride	1.40	62	118731	49.39	ug/l	98
5) Bromomethane	1.62	94	56232	47.89	ug/l	100
6) Chloroethane	1.70	64	68208	48.53	ug/l	98
7) Trichlorofluoromethane	1.89	101	172261	49.56	ug/l	100
8) Diethyl Ether	2.10	74	60078	47.77	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	98808	49.13	ug/l	99
10) Methyl Iodide	2.41	142	70195	39.58	ug/l	100
11) Tert butyl alcohol	2.82	59	127638	211.60	ug/l	100
12) 1,1-Dichloroethene	2.28	96	94852	49.96	ug/l	96
13) Acrolein	2.19	56	43594	199.15	ug/l	100
14) Allyl chloride	2.59	41	147378	43.20	ug/l	98
15) Acrylonitrile	2.94	53	290736	241.41	ug/l	98
16) Acetone	2.32	43	265950	197.99	ug/l	97
17) Carbon Disulfide	2.48	76	287085	46.72	ug/l	100
18) Methyl Acetate	2.62	43	166148	51.39	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	344748	50.11	ug/l	99
20) Methylene Chloride	2.70	84	110624	46.47	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	105736	48.18	ug/l	98
22) Diisopropyl ether	3.57	45	334977	49.82	ug/l	96
23) Vinyl Acetate	3.53	43	1406093	239.98	ug/l	99
24) 1,1-Dichloroethane	3.45	63	200826	49.76	ug/l	98
25) 2-Butanone	4.26	43	408869	223.61	ug/l	100
26) 2,2-Dichloropropane	4.23	77	86062	23.46	ug/l	94
27) cis-1,2-Dichloroethene	4.23	96	119000	48.09	ug/l	94
28) Bromochloromethane	4.55	49	92722	51.38	ug/l	98
29) Tetrahydrofuran	4.64	42	260541	237.83	ug/l	100
30) Chloroform	4.68	83	205910	48.33	ug/l	100
31) Cyclohexane	5.00	56	172928	49.24	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	189026	49.28	ug/l	99
36) 1,1-Dichloropropene	5.14	75	155160	48.82	ug/l	99
37) Ethyl Acetate	4.38	43	151309	45.91	ug/l	99
38) Carbon Tetrachloride	5.14	117	170312	47.31	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	172987	47.50	ug/l	98
40) Benzene	5.39	78	438290	47.18	ug/l	97
41) Methacrylonitrile	4.54	41	86088	47.03	ug/l	98
42) 1,2-Dichloroethane	5.41	62	168532	47.11	ug/l	100
43) Isopropyl Acetate	5.55	43	258802	47.52	ug/l	99
44) Trichloroethene	6.19	130	122140	47.21	ug/l	98
45) 1,2-Dichloropropane	6.44	63	114889	47.42	ug/l	100
46) Dibromomethane	6.56	93	82113	46.77	ug/l	99
47) Bromodichloromethane	6.76	83	158698	47.39	ug/l	98
48) Methyl methacrylate	6.63	41	130461	48.88	ug/l	97
49) 1,4-Dioxane	6.62	88	55789	858.97	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	800136	234.69	ug/l	100
52) Toluene	7.64	92	280772	48.65	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	165654	44.06	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	172097	44.56	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	113846	47.47	ug/l	99
56) Ethyl methacrylate	8.02	69	170481	49.75	ug/l	97
57) 1,3-Dichloropropane	8.25	76	194394	48.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	340050	220.00	ug/l	99
59) 2-Hexanone	8.36	43	617466	231.05	ug/l	98
60) Dibromochloromethane	8.48	129	134297	47.48	ug/l	100
61) 1,2-Dibromoethane	8.59	107	128688	48.24	ug/l	99
64) Tetrachloroethene	8.23	164	121314	51.87	ug/l	99
65) Chlorobenzene	9.12	112	323278	47.19	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	120782	48.74	ug/l	98
67) Ethyl Benzene	9.25	91	554707	48.88	ug/l	100
68) m/p-Xylenes	9.38	106	436361	100.16	ug/l	98
69) o-Xylene	9.78	106	209624	49.23	ug/l	99
70) Styrene	9.80	104	341397	49.64	ug/l	99
71) Bromoform	9.96	173	104426	48.59	ug/l #	100
73) Isopropylbenzene	10.17	105	567952	49.33	ug/l	100
74) N-amyl acetate	10.01	43	229510	48.83	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	181182	45.51	ug/l	97
76) 1,2,3-Trichloropropane	10.50	75	159378m	42.88	ug/l	
77) Bromobenzene	10.45	156	150183	47.29	ug/l	99
78) n-propylbenzene	10.59	91	665147	49.50	ug/l	100
79) 2-Chlorotoluene	10.66	91	385173	48.94	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	484252	49.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	46970m	31.69	ug/l	
82) 4-Chlorotoluene	10.77	91	455547	49.10	ug/l	99
83) tert-Butylbenzene	11.10	119	469679	48.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	505377	51.01	ug/l	100
85) sec-Butylbenzene	11.33	105	582192	49.08	ug/l	100
86) p-Isopropyltoluene	11.48	119	520924	49.05	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	280218	47.54	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	283224	46.09	ug/l	99
89) n-Butylbenzene	11.89	91	467567	47.71	ug/l	99
90) Hexachloroethane	12.15	117	85458	45.26	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	273374	47.32	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	43645	46.24	ug/l	99

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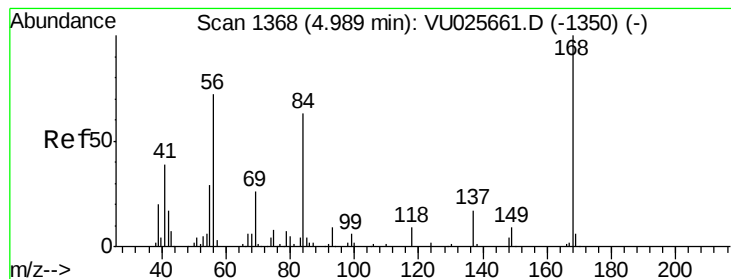
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	191394	49.08	ug/l	99
94) Hexachlorobutadiene	13.70	225	90264	43.91	ug/l	99
95) Naphthalene	13.74	128	575176	46.02	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	194296	49.95	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 176823

Ion Ratio Lower Upper

168 100

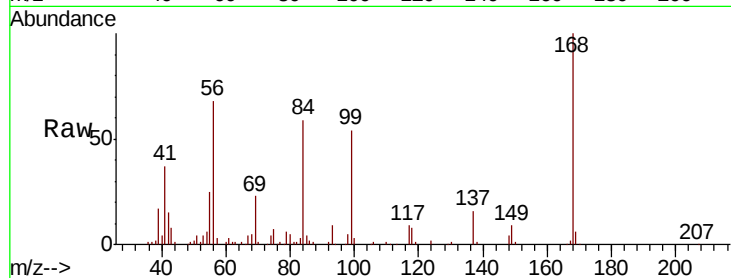
99 54.1 42.8 64.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)

80000

60000

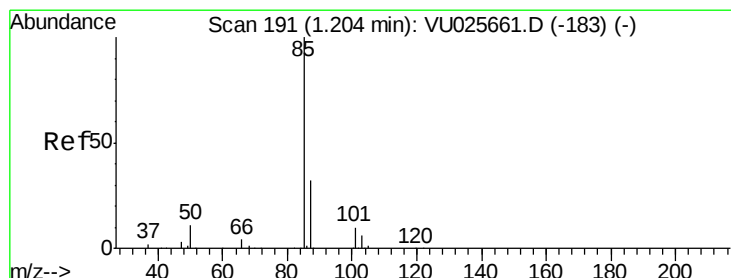
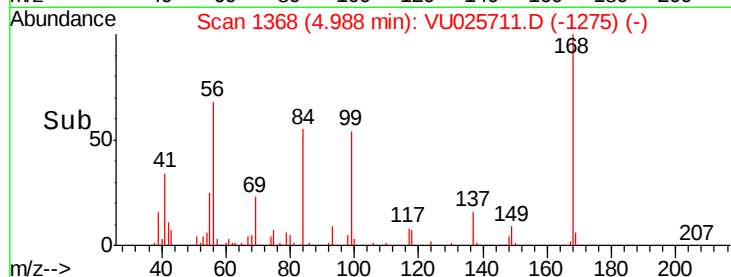
40000

20000

0

4.90 4.99 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.86 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025711.D

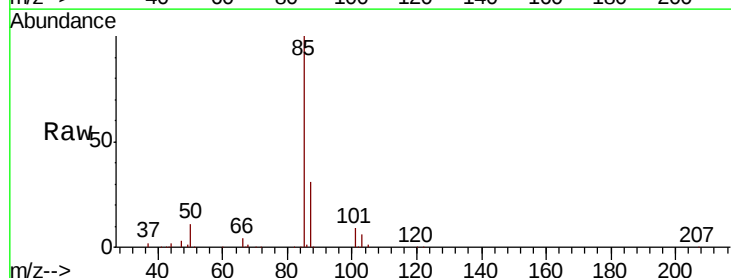
Acq: 28 Jul 2018 08:28

Tgt Ion: 85 Resp: 141268

Ion Ratio Lower Upper

85 100

87 31.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025661.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025661.D (-183) (-)

150000

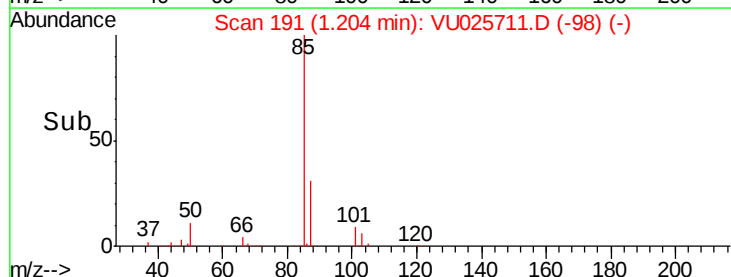
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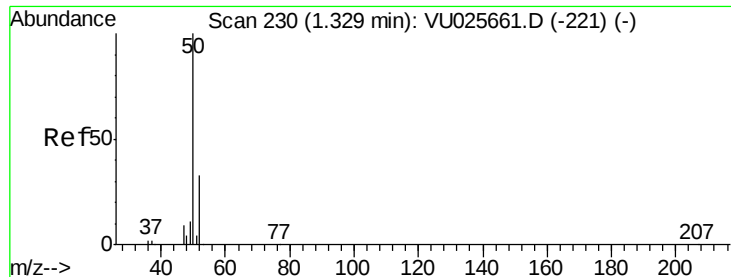
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.83 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 114519

Ion Ratio Lower Upper

50 100

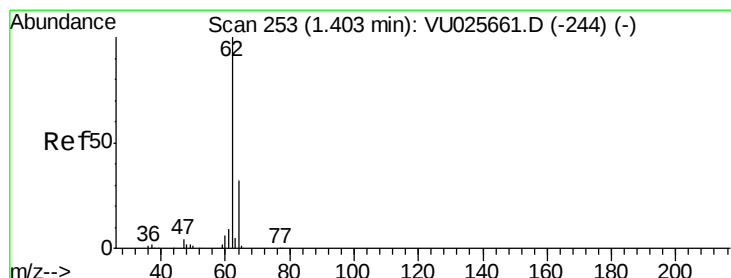
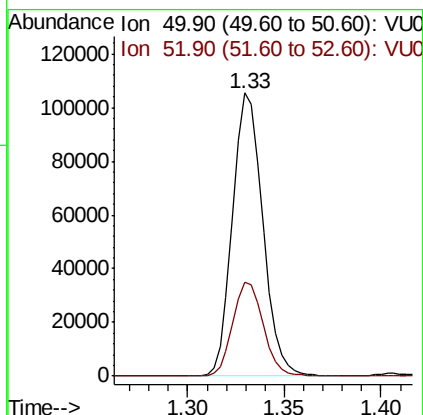
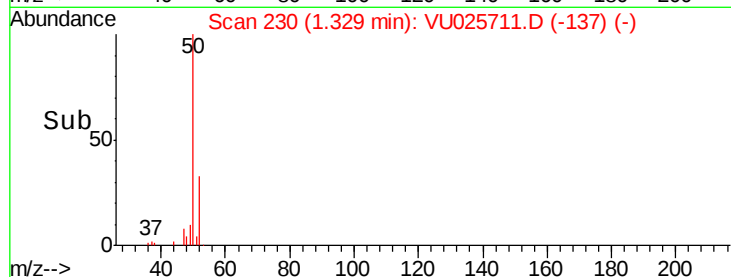
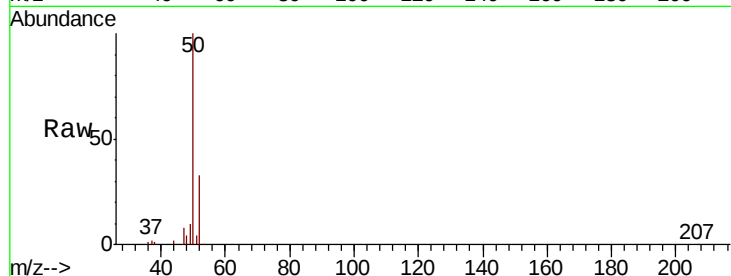
52 33.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.39 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025711.D

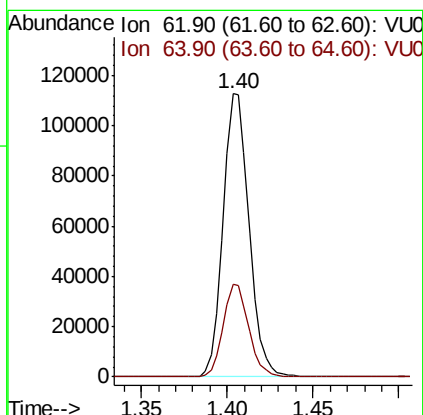
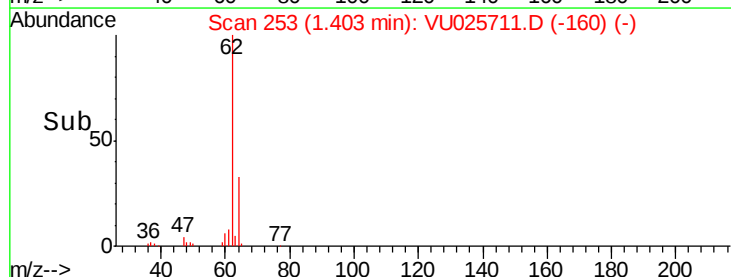
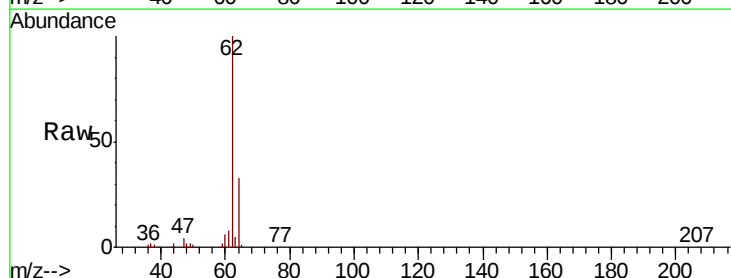
Acq: 28 Jul 2018 08:28

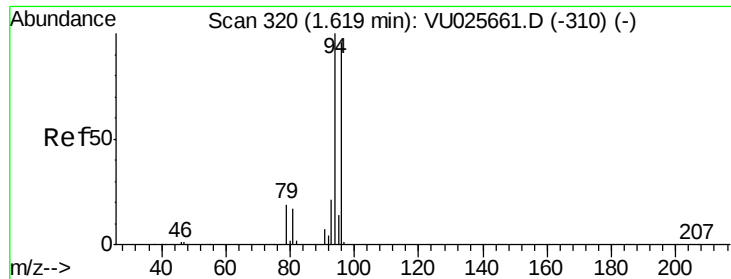
Tgt Ion: 62 Resp: 118731

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0





#5

Bromomethane

Concen: 47.89 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 56232

Ion Ratio Lower Upper

94 100

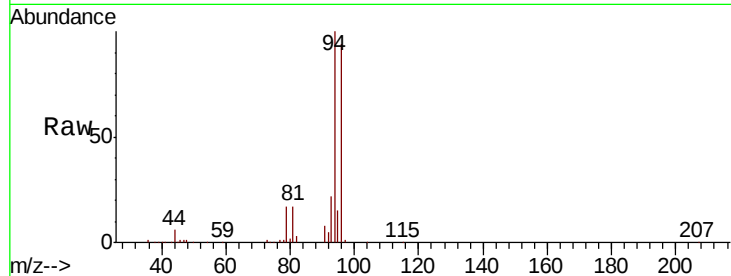
96 93.8 75.0 112.4

Manual Integrations

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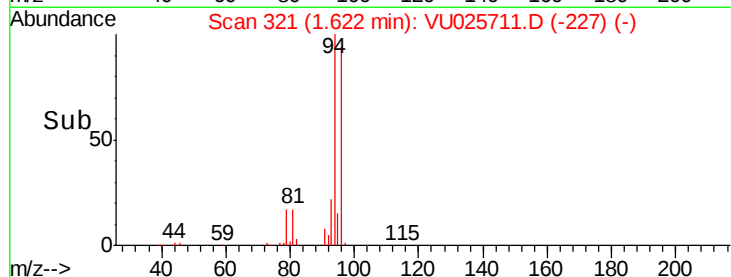


Abundance Ion 93.90 (93.60 to 94.60): VU025711.D (-227) (-)

Ion 95.90 (95.60 to 96.60): VU025711.D (-227) (-)

1.62

Time-->



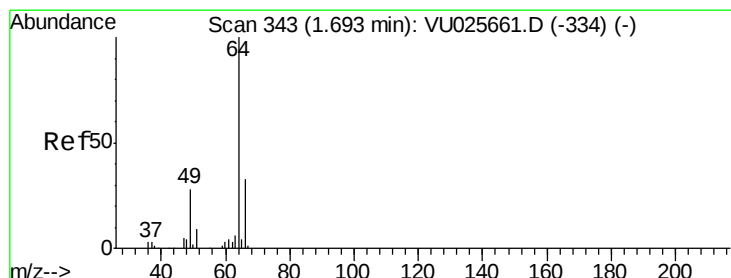
Abundance

Ion 93.90 (93.60 to 94.60): VU025711.D (-227) (-)

Ion 95.90 (95.60 to 96.60): VU025711.D (-227) (-)

1.62

Time-->



#6

Chloroethane

Concen: 48.53 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025711.D

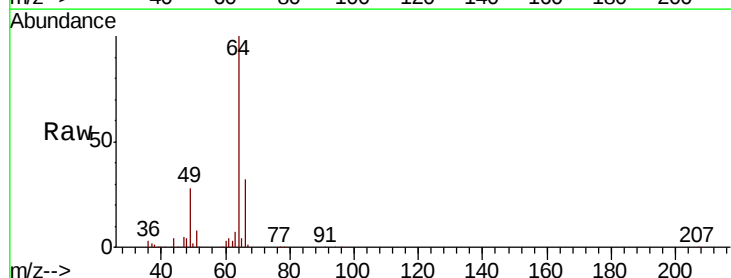
Acq: 28 Jul 2018 08:28

Tgt Ion: 64 Resp: 68208

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.4

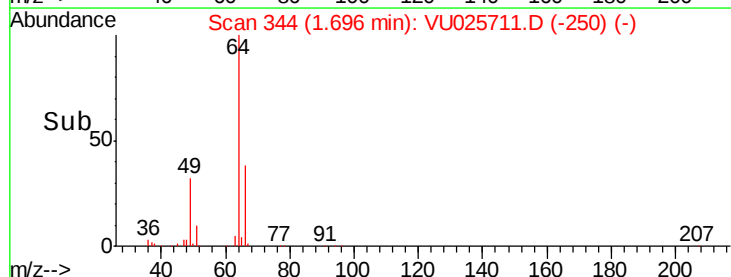


Abundance Ion 63.90 (63.60 to 64.60): VU025711.D (-250) (-)

Ion 65.90 (65.60 to 66.60): VU025711.D (-250) (-)

1.70

Time-->



Abundance

Ion 63.90 (63.60 to 64.60): VU025711.D (-250) (-)

Ion 65.90 (65.60 to 66.60): VU025711.D (-250) (-)

1.70

Time-->



#7

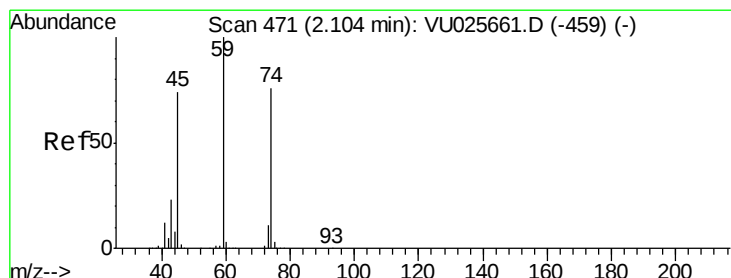
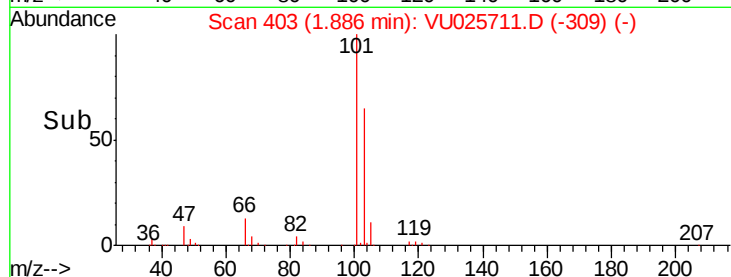
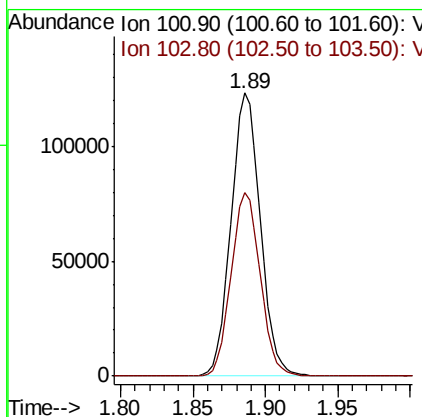
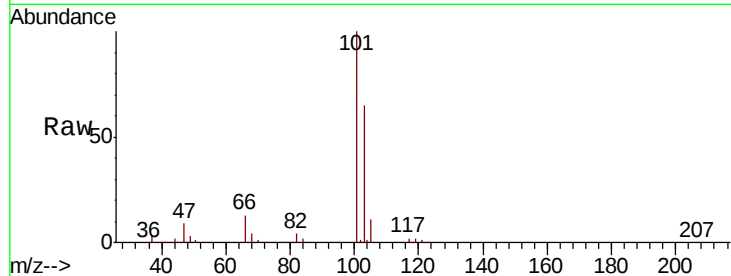
Trichlorofluoromethane
 Concen: 49.56 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.2

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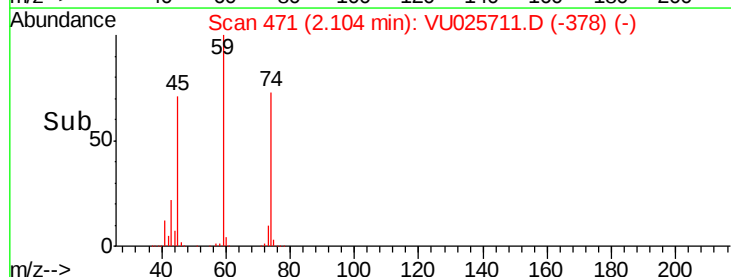
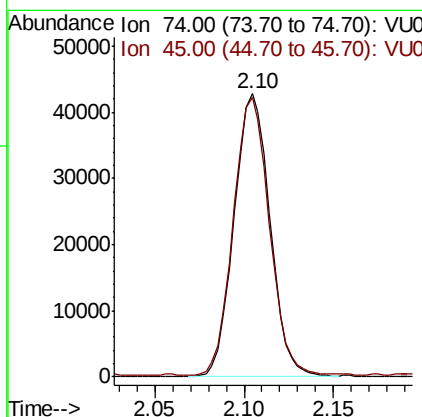
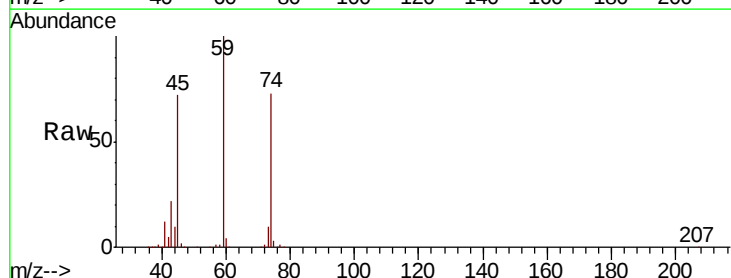
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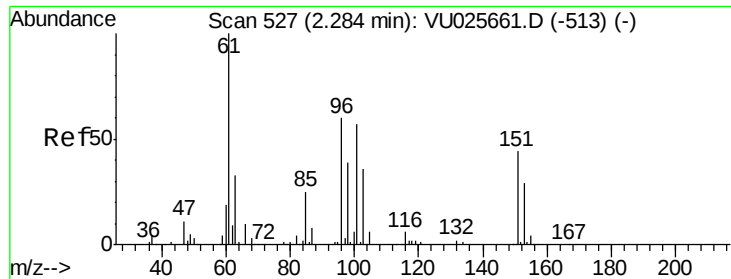


#8

Diethyl Ether
 Concen: 47.77 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.13 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

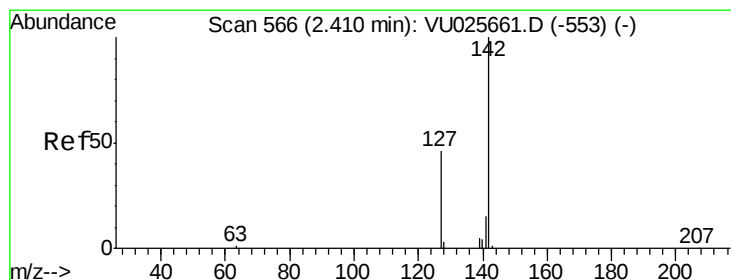
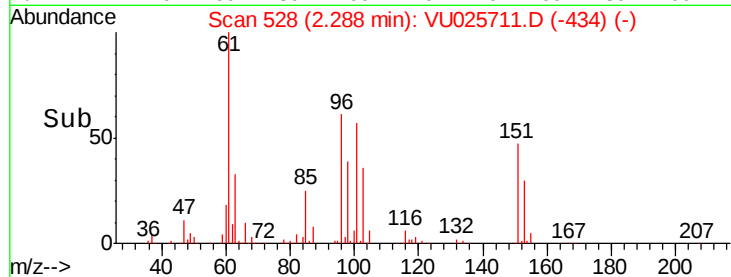
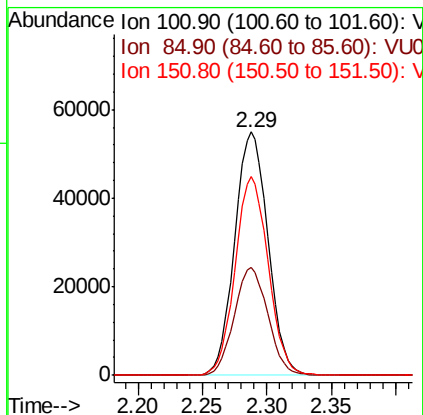
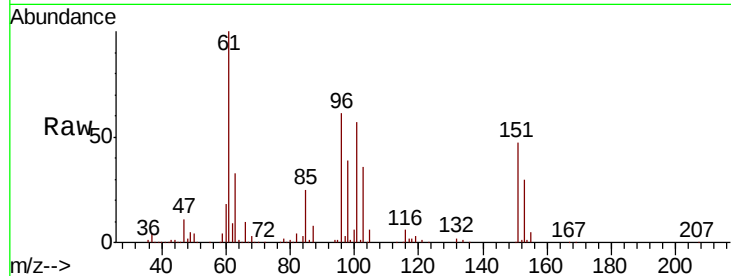
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	98808
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.0	54.0
151	81.1	65.6	98.4

Manual Integrations
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7/31/2018 3:50:42 PM



#10

Methyl Iodide

Concen: 39.58 ug/l

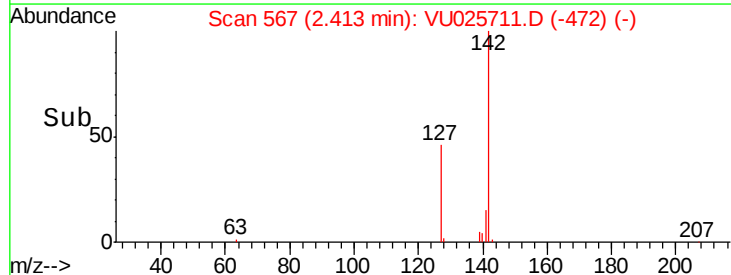
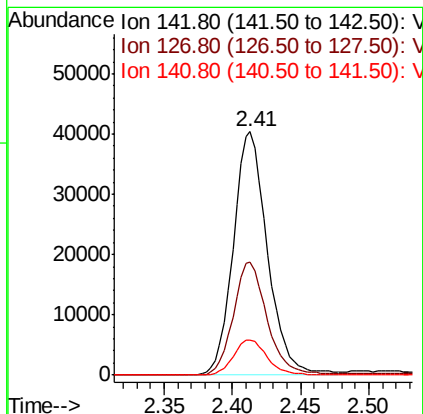
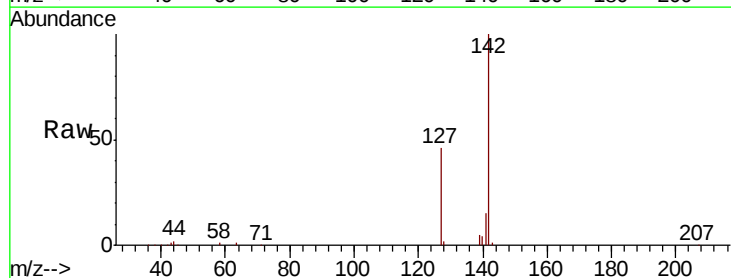
RT: 2.41 min Scan# 567

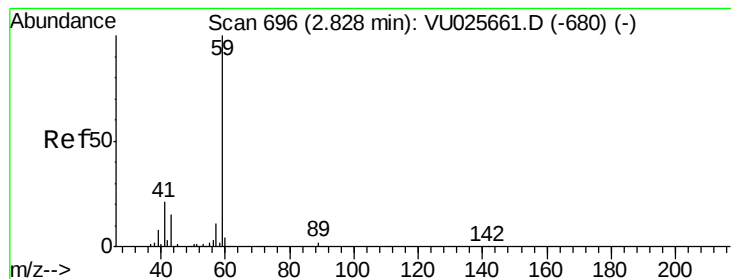
Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Tgt Ion:	142	Resp:	70195
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.5	54.7
141	14.3	11.4	17.2





#11

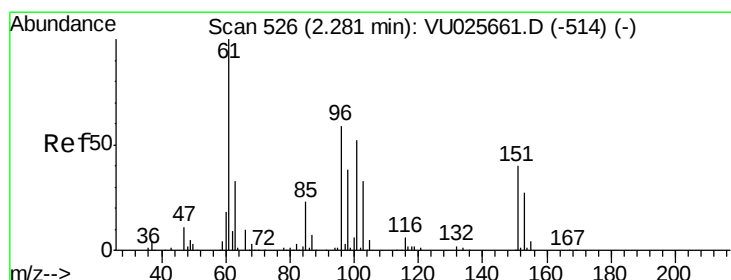
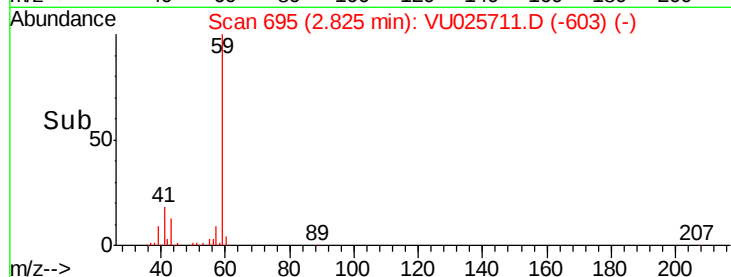
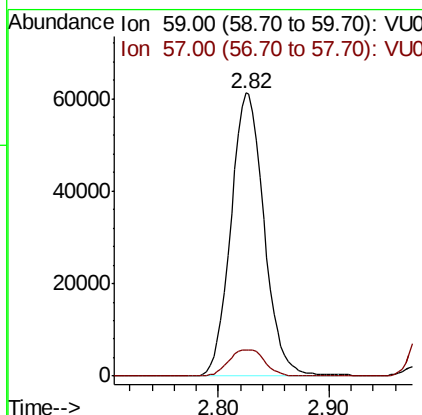
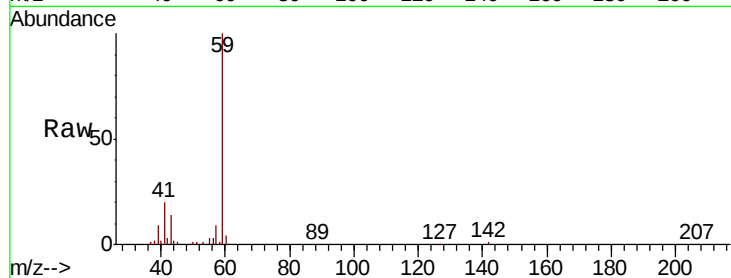
Tert butyl alcohol
 Concen: 211.60 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

Manual Integrations
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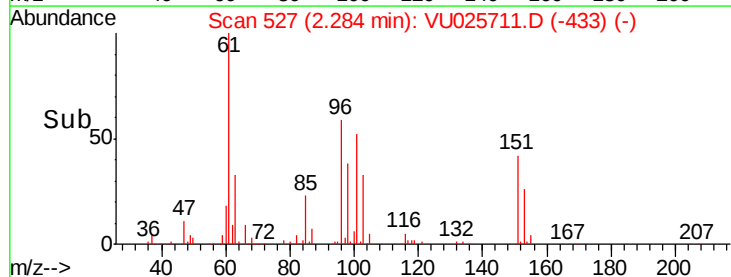
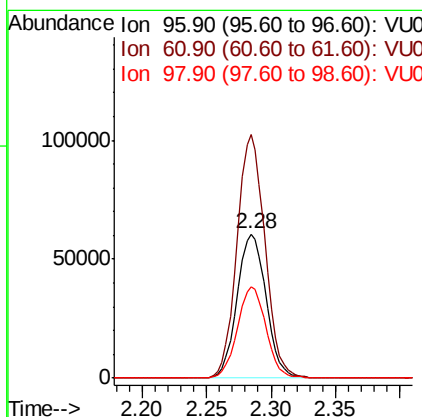
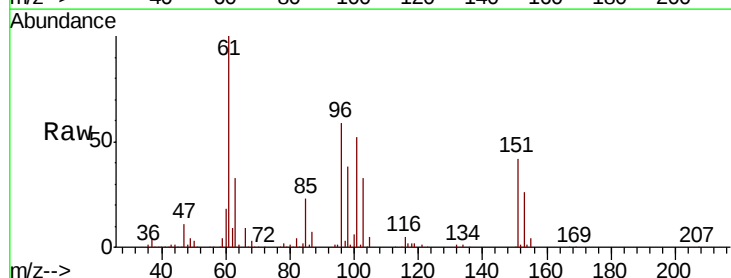
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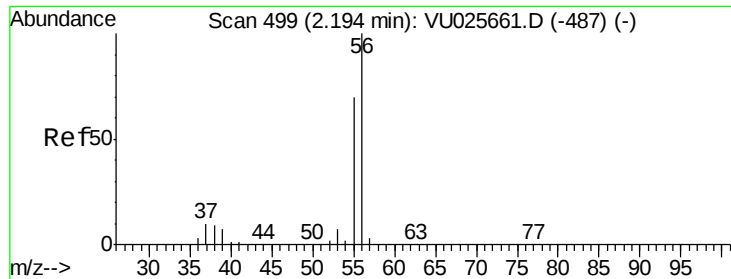


#12

1,1-Dichloroethene
 Concen: 49.96 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.9	140.2	210.4
98	63.6	49.3	73.9





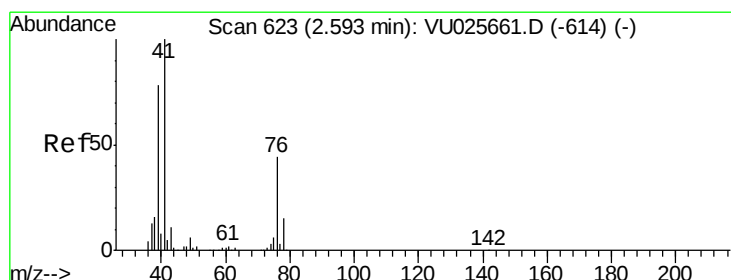
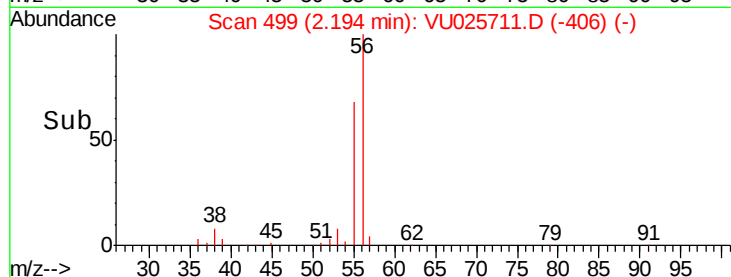
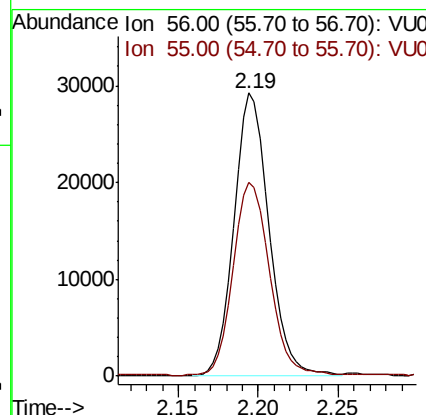
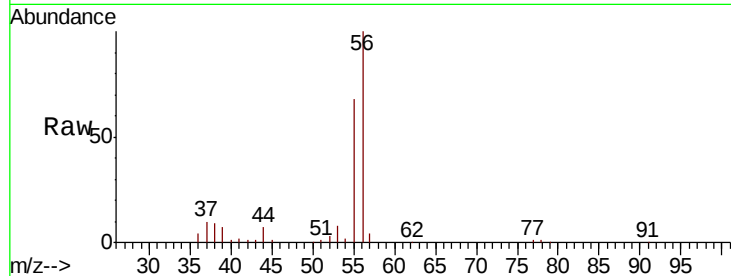
#13
Acrolein
Concen: 199.15 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Ratio	Lower	Upper
43594	100	71.8		57.2	85.8

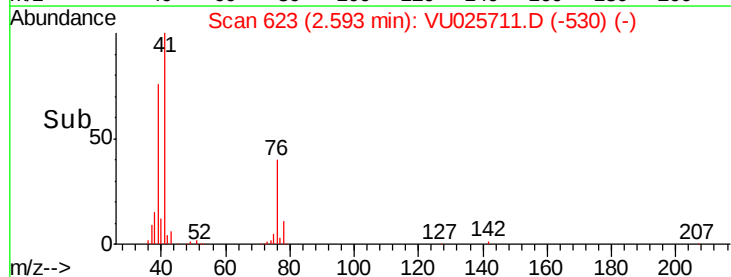
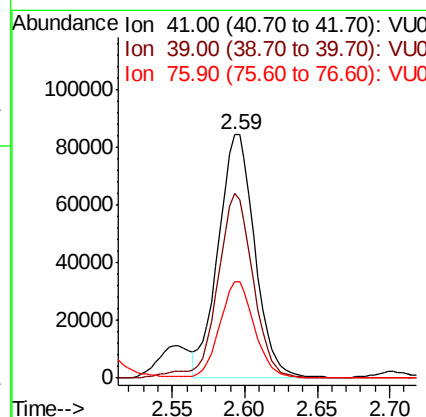
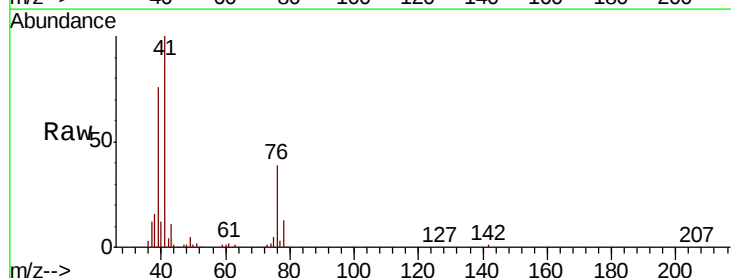
Manual Integrations
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#14
Allyl chloride
Concen: 43.20 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	41	39	76	Ratio	Lower	Upper
147378	100	74.1	37.6		60.6	91.0





#15

Acrylonitrile

Concen: 241.41 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

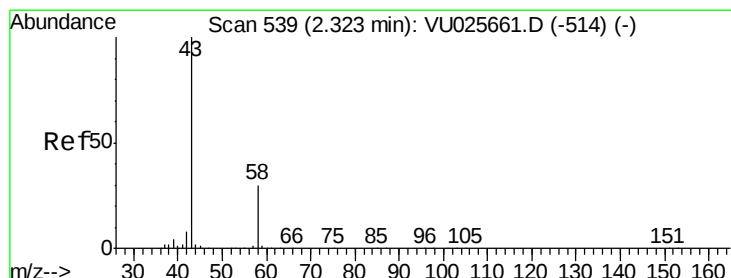
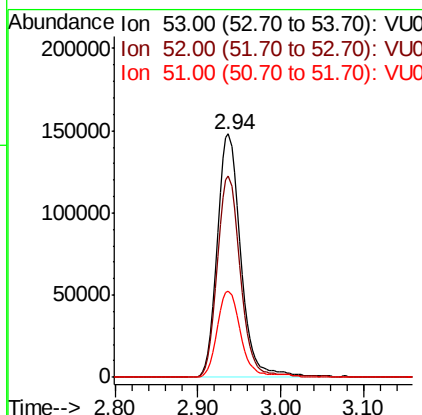
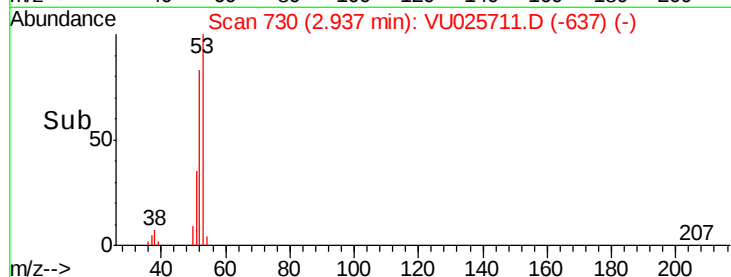
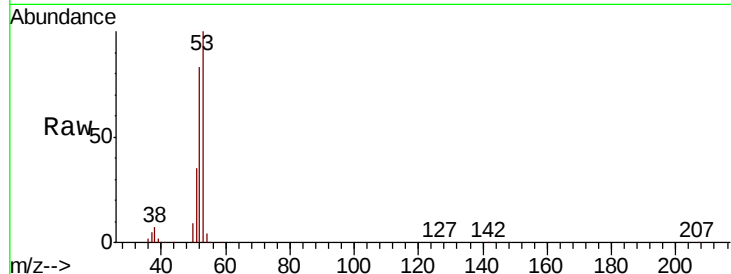
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	290736
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.6	99.8
51	34.7	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 197.99 ug/l

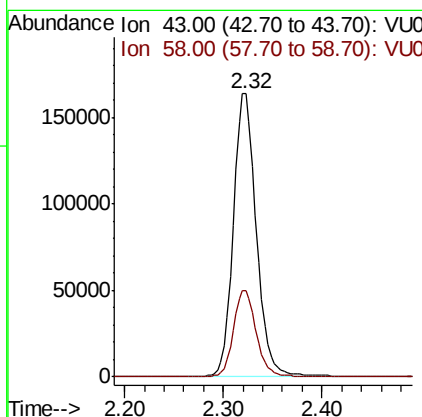
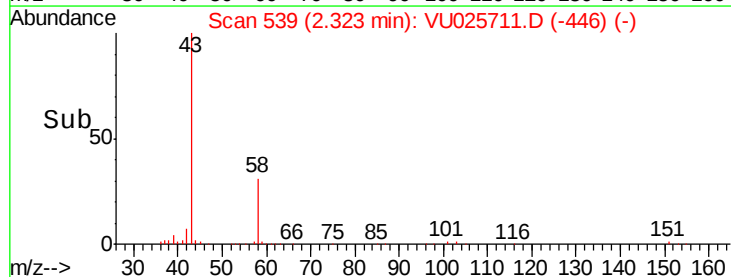
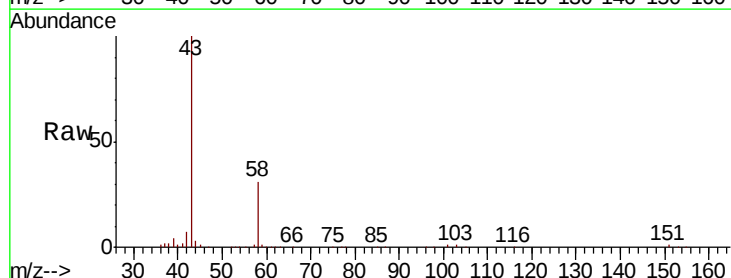
RT: 2.32 min Scan# 539

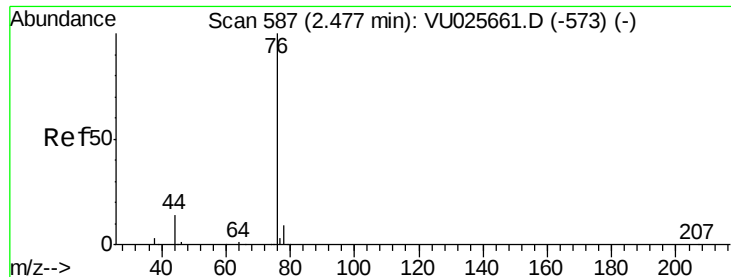
Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Tgt Ion:	43	Resp:	265950
Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.1	34.7





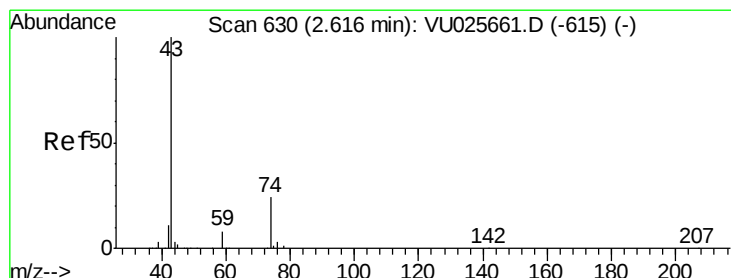
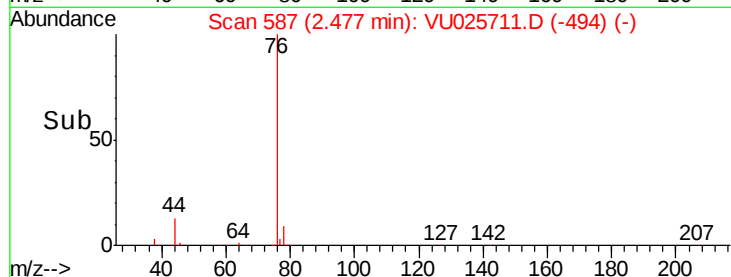
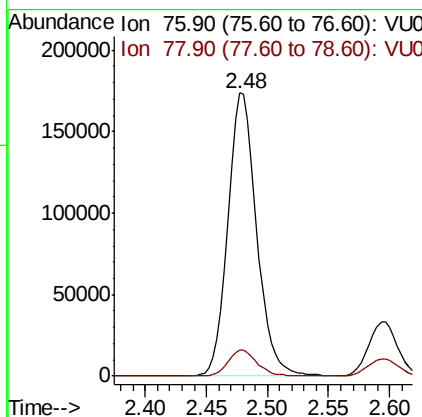
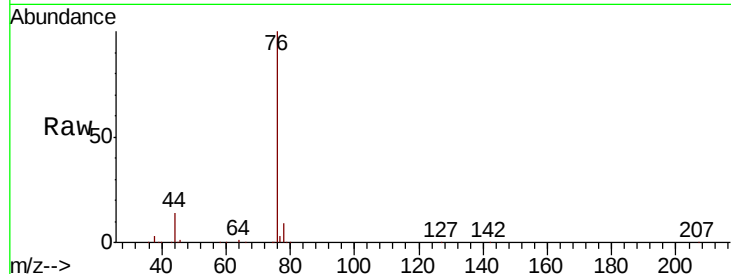
#17
Carbon Disulfide
Concen: 46.72 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

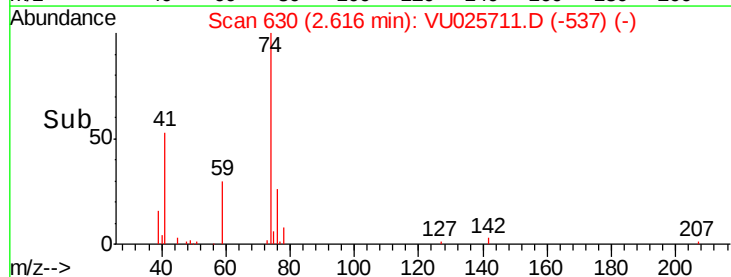
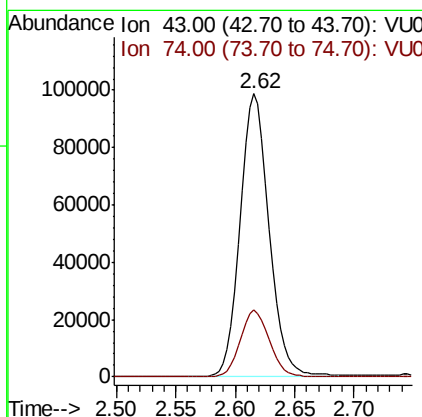
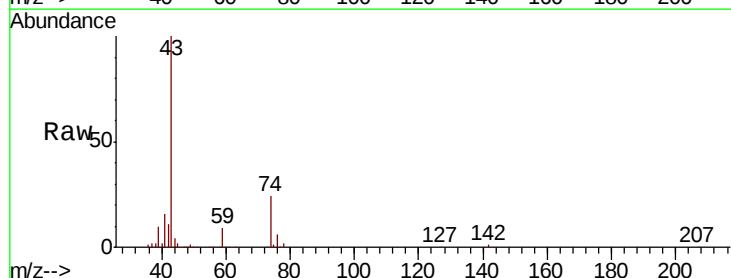
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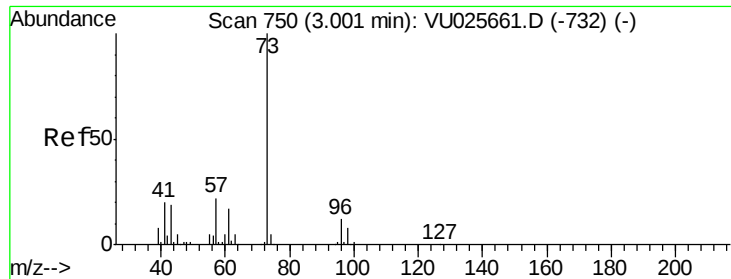
MMDadoda
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#18
Methyl Acetate
Concen: 51.39 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.5	27.7





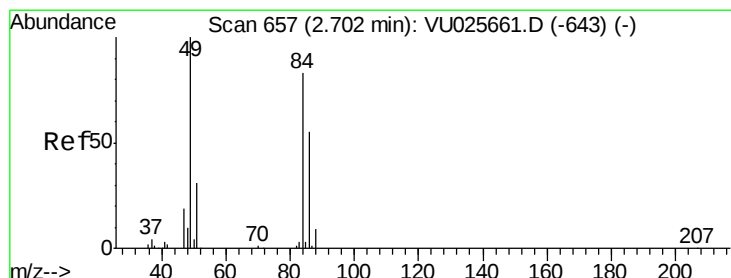
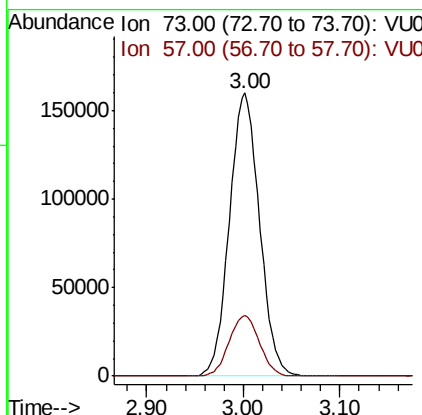
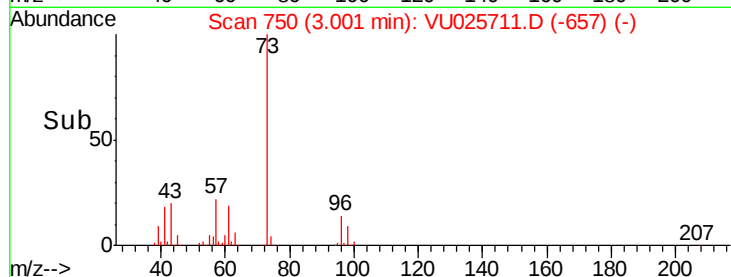
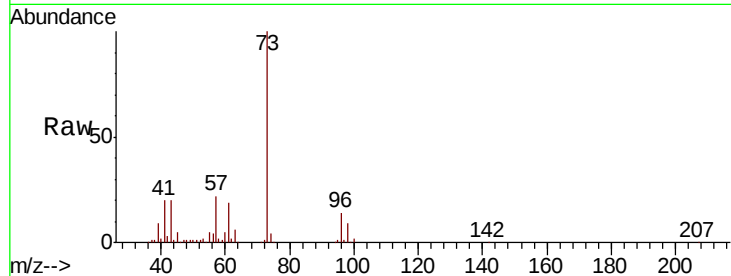
#19
Methyl tert-butyl Ether
Concen: 50.11 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 344748
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.2

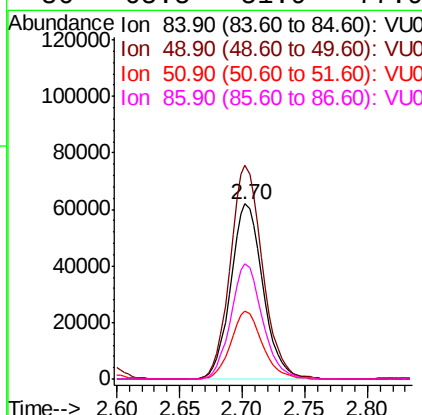
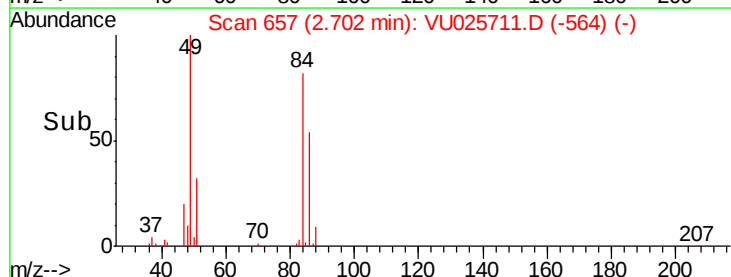
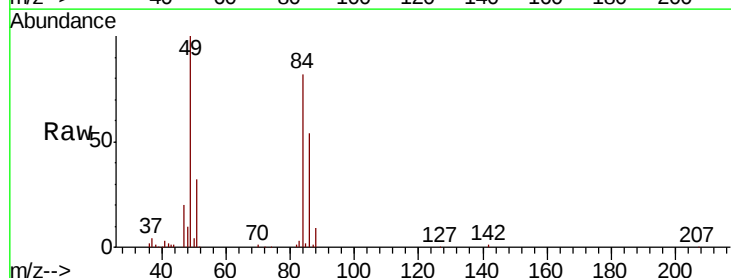
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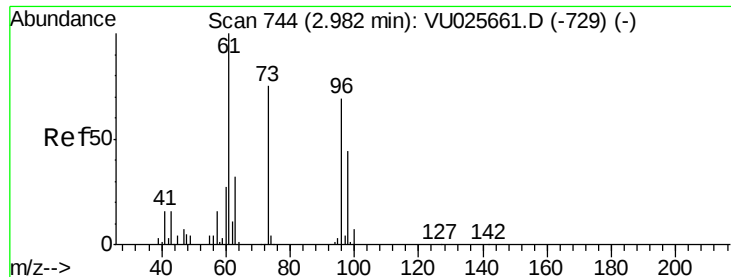
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#20
Methylene Chloride
Concen: 46.47 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion: 84 Resp: 110624
Ion Ratio Lower Upper
84 100
49 121.9 101.8 152.6
51 38.8 30.8 46.2
86 65.5 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 48.18 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

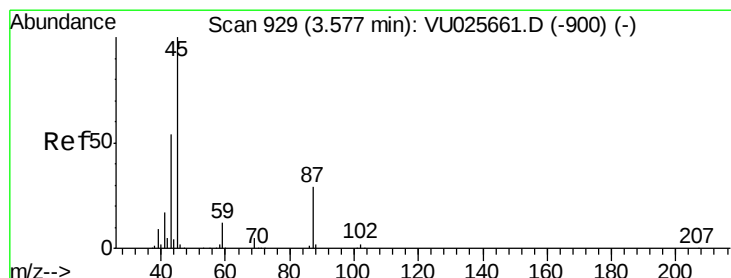
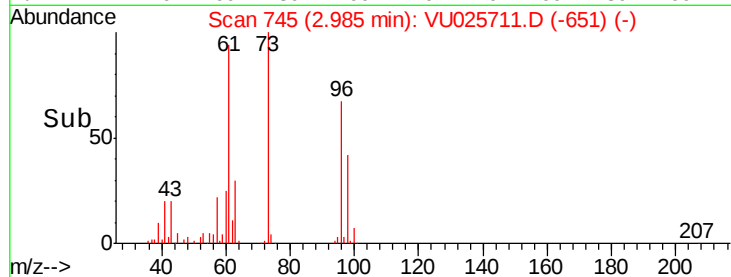
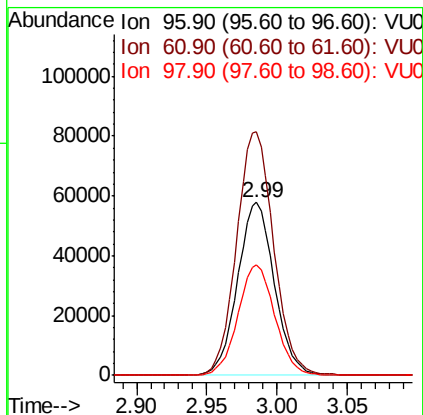
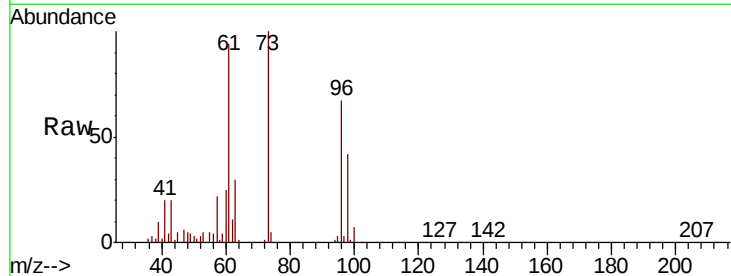
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	105736
Ion	Ratio	Lower	Upper
96	100		
61	140.6	114.5	171.7
98	63.6	50.5	75.7

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#22

Diisopropyl ether

Concen: 49.82 ug/l

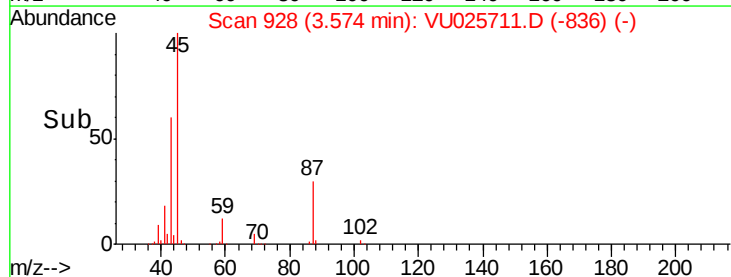
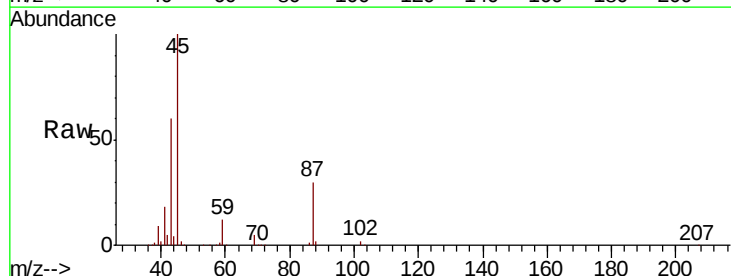
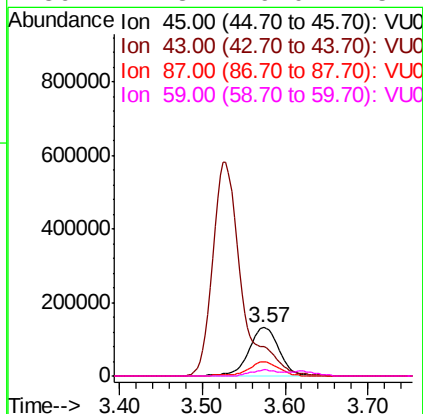
RT: 3.57 min Scan# 928

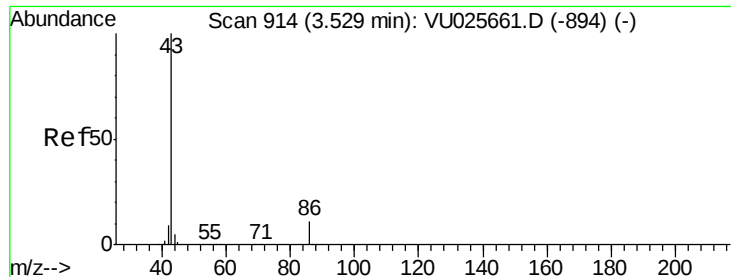
Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Tgt Ion:	45	Resp:	334977
Ion	Ratio	Lower	Upper
45	100		
43	58.9	50.9	76.3
87	29.5	23.8	35.8
59	12.3	9.0	13.4





#23

Vinyl Acetate

Concen: 239.98 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1406093

Ion Ratio Lower Upper

43 100

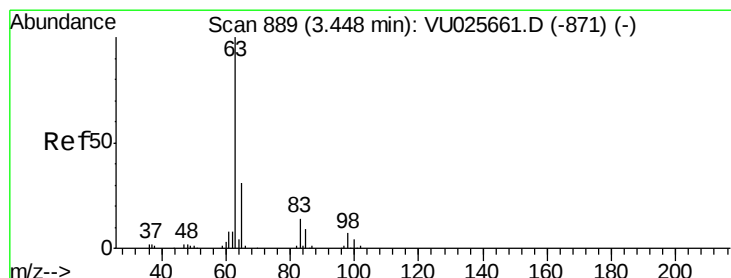
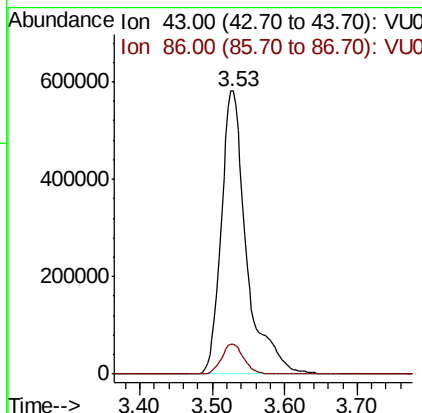
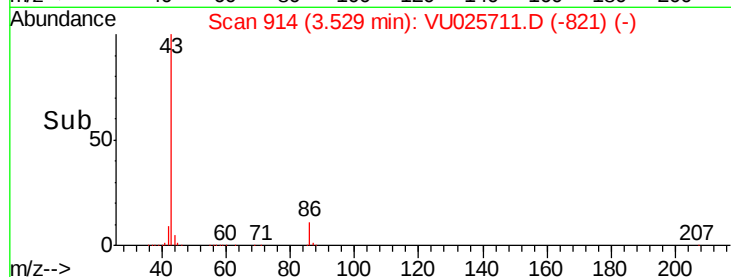
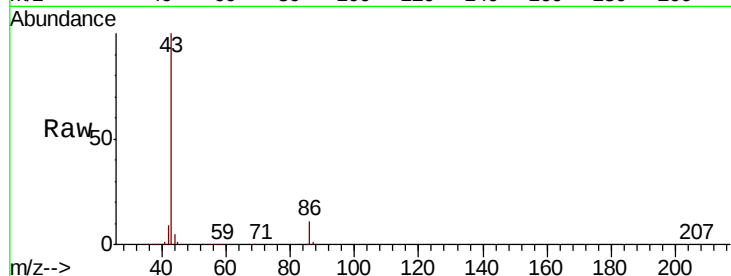
86 10.6 8.2 12.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.76 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

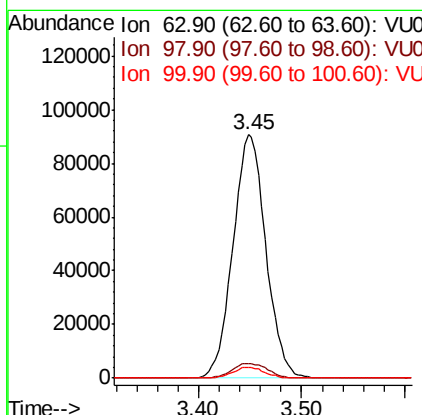
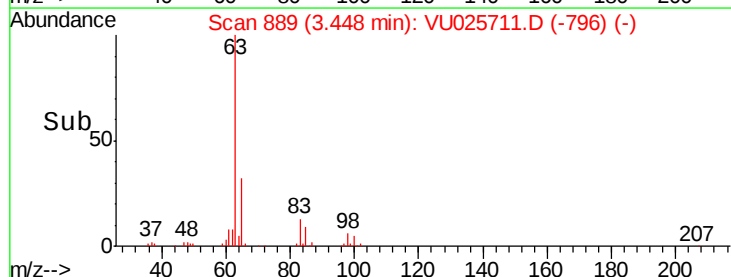
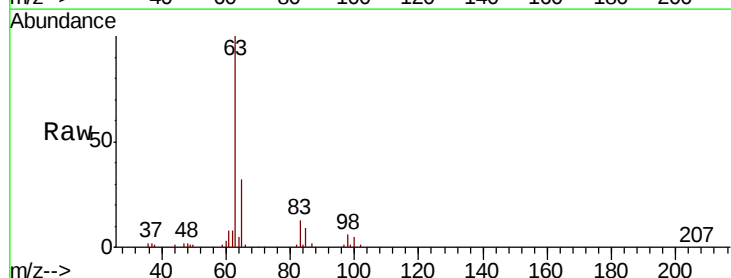
Tgt Ion: 63 Resp: 200826

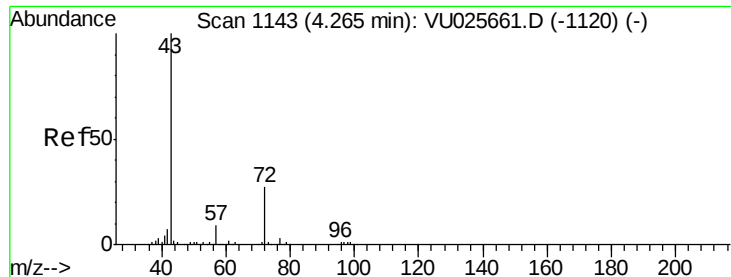
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.1

100 4.5 2.0 6.0





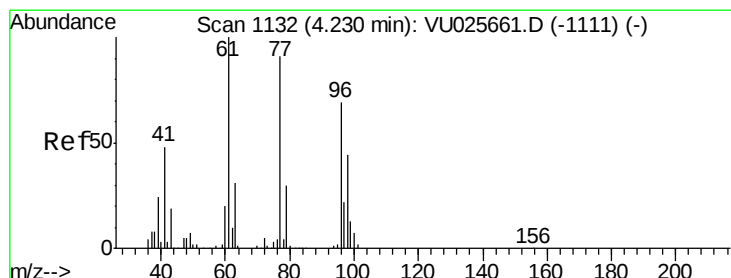
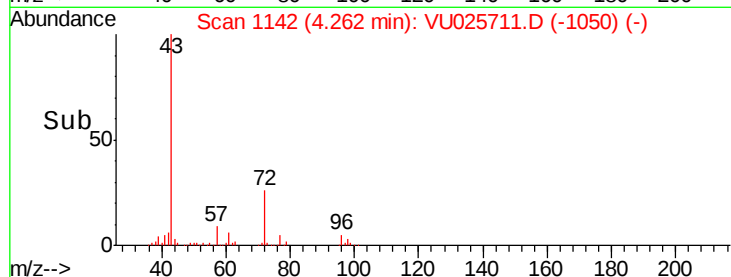
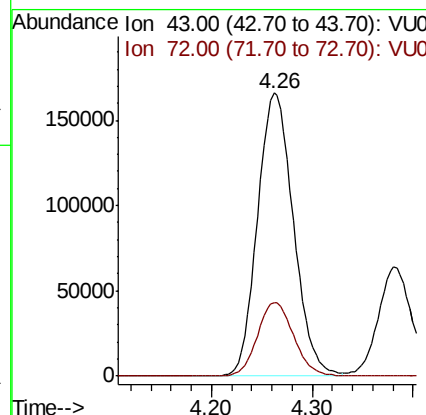
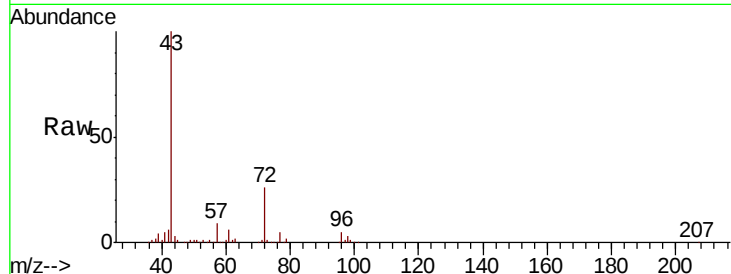
#25
2-Butanone
Concen: 223.61 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 408869
Ion Ratio Lower Upper
43 100
72 26.1 21.0 31.4

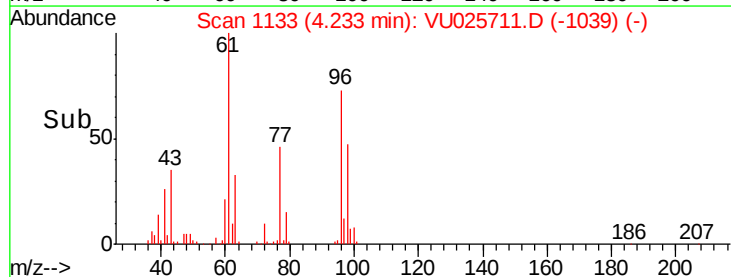
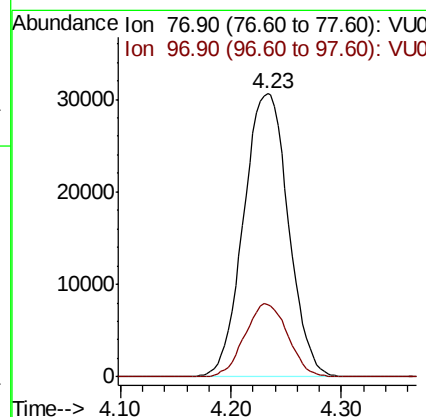
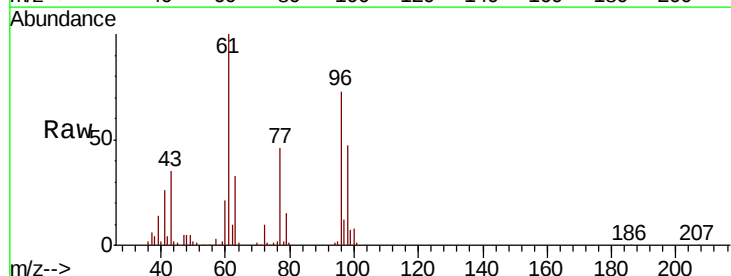
Manual Integrations
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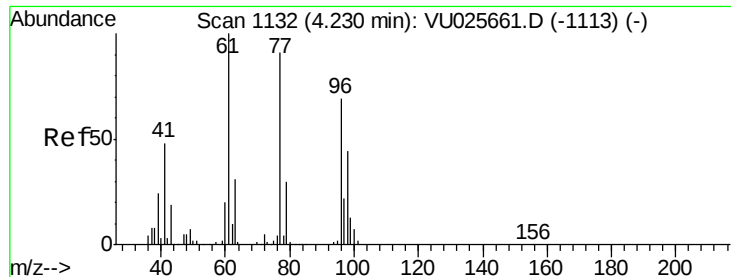
MMDadoda
7/31/2018 3:50:42 PM



#26
2,2-Dichloropropane
Concen: 23.46 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion: 77 Resp: 86062
Ion Ratio Lower Upper
77 100
97 25.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 48.09 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

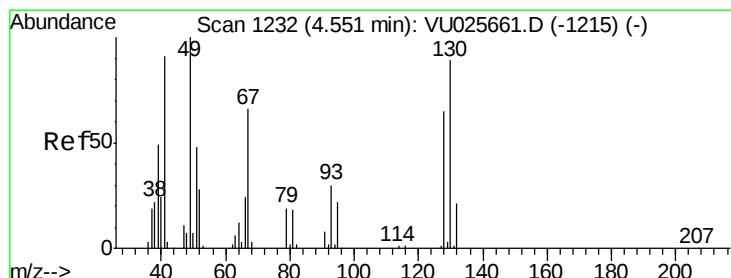
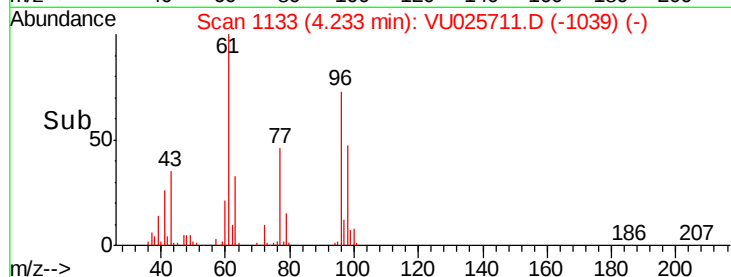
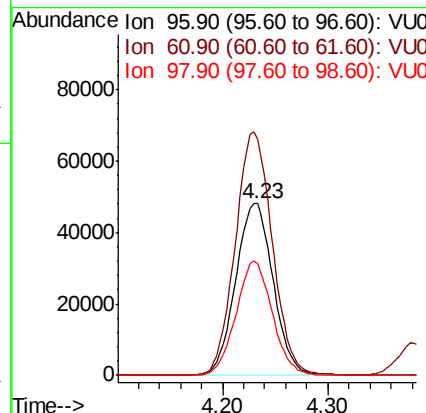
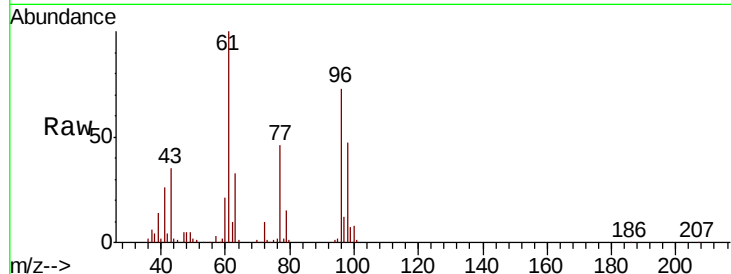
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	299.8
98	64.2	0.0	128.6

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#28

Bromochloromethane

Concen: 51.38 ug/l

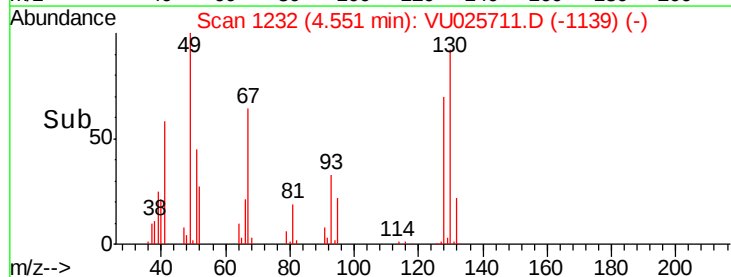
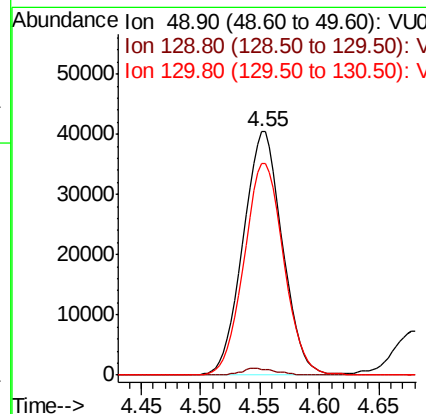
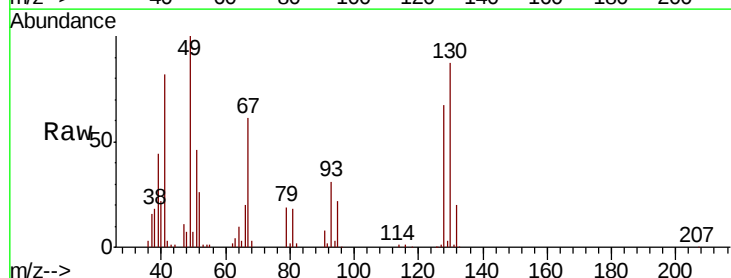
RT: 4.55 min Scan# 1232

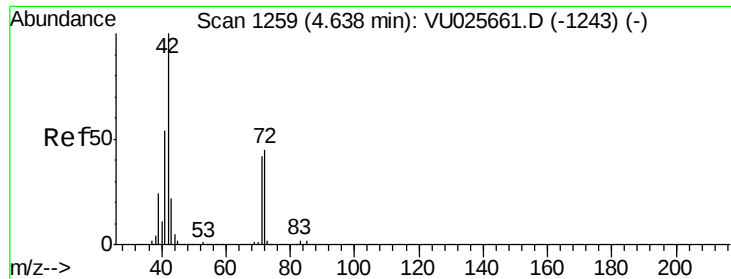
Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	87.9	68.6	102.8





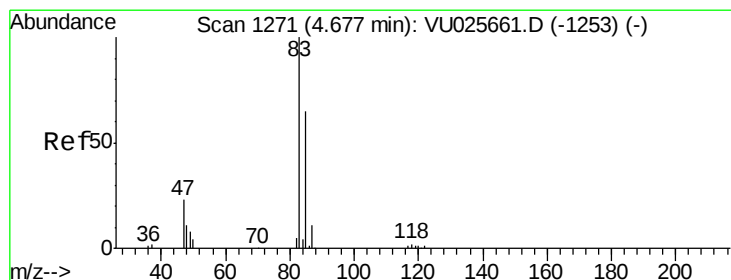
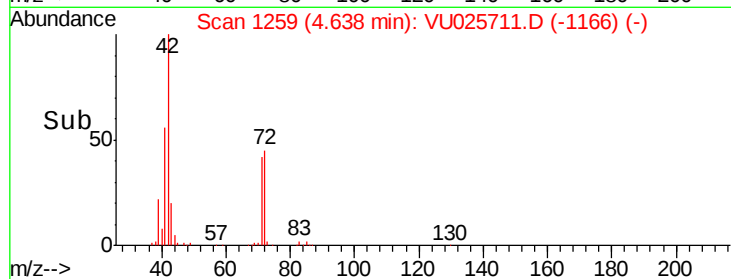
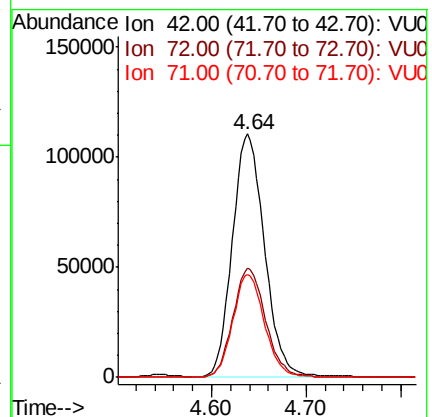
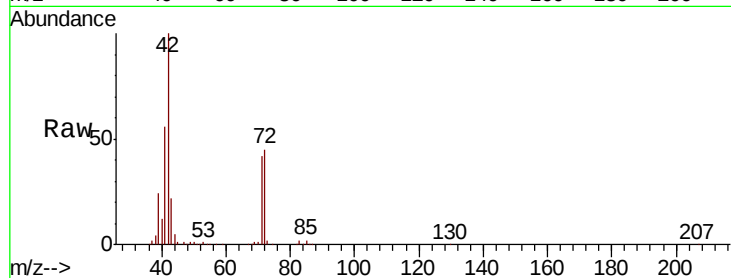
#29
Tetrahydrofuran
Concen: 237.83 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.7	55.1
71	41.8	33.9	50.9

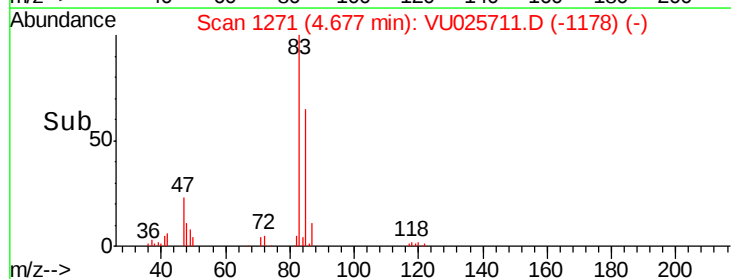
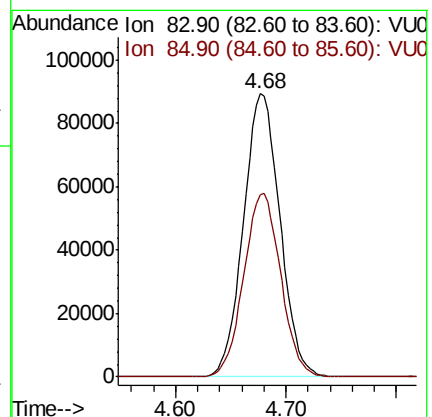
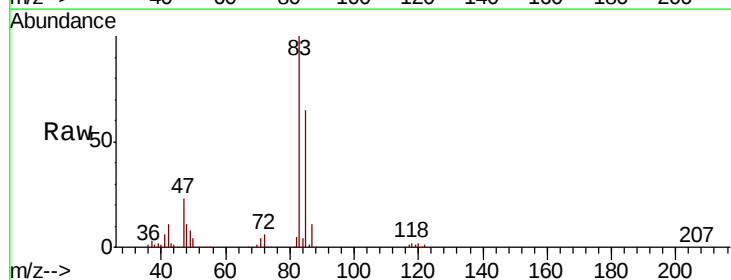
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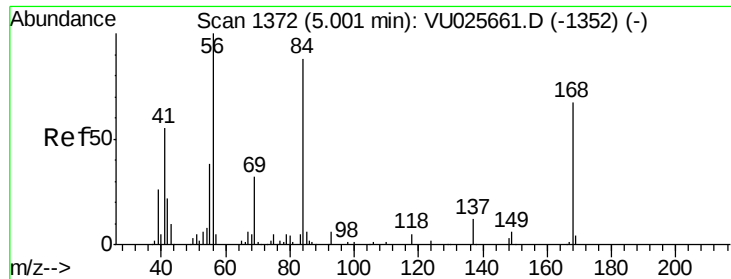
MMDadoda
7/31/2018 3:50:42 PM



#30
Chloroform
Concen: 48.33 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3





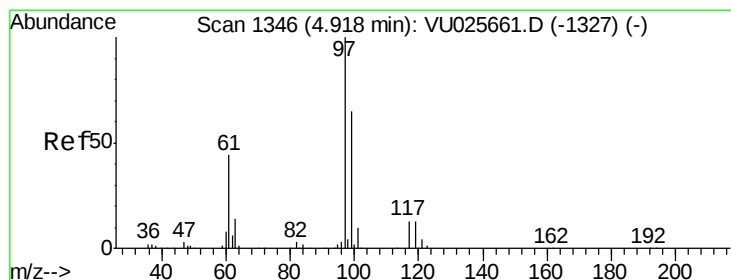
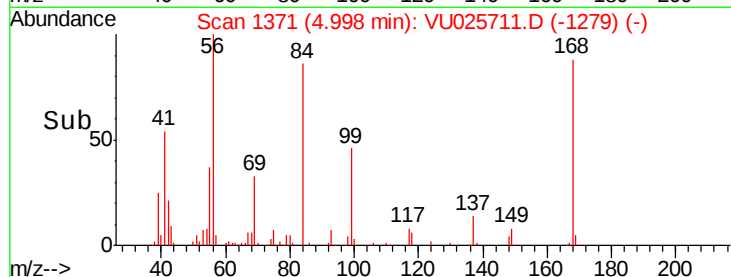
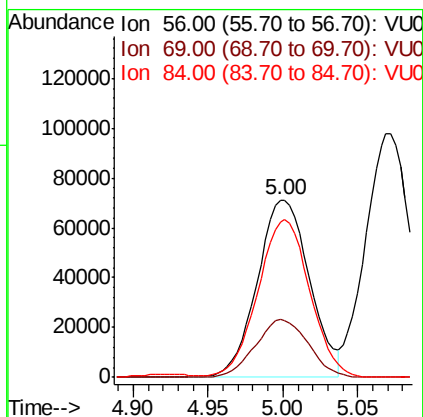
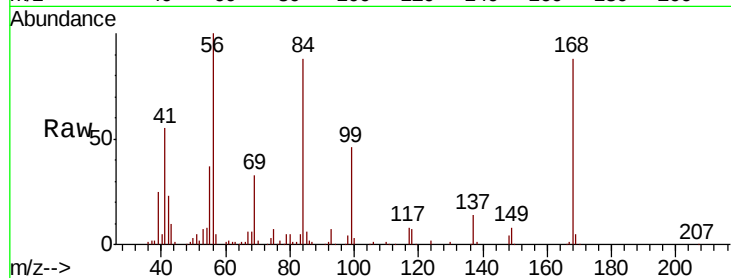
#31
Cyclohexane
Concen: 49.24 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.8	40.2
84	86.5	69.7	104.5

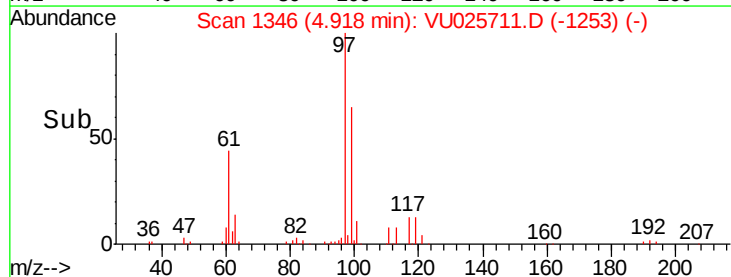
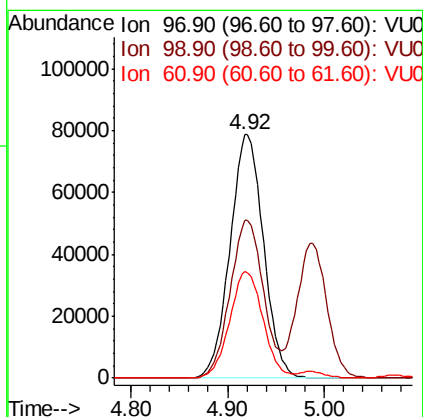
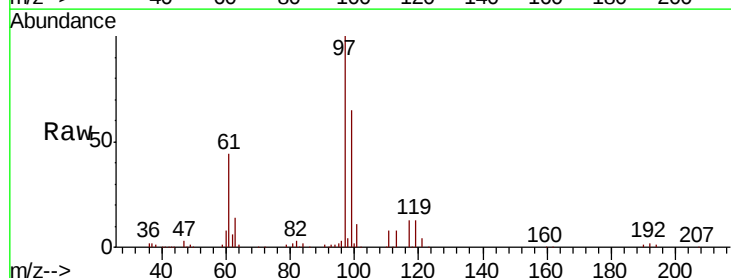
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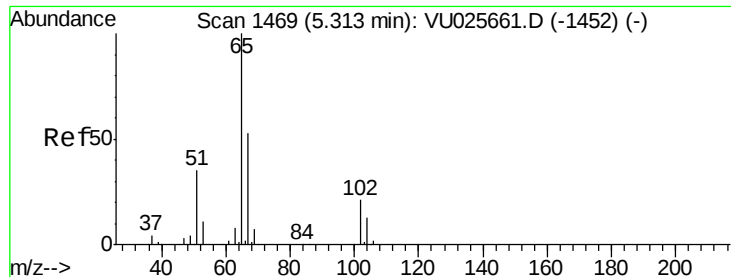
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 49.28 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.8	76.2
61	43.7	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 51.21 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 141080

Ion Ratio Lower Upper

65 100

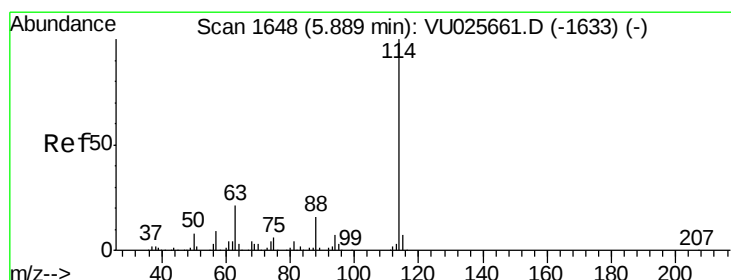
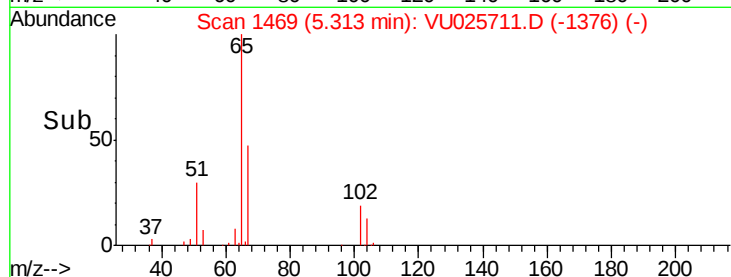
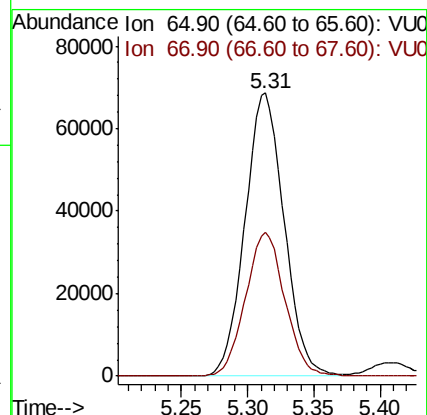
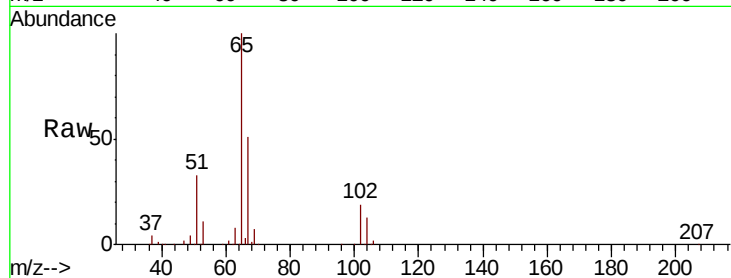
67 51.0 0.0 103.6

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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: VU025711.D

Acq: 28 Jul 2018 08:28

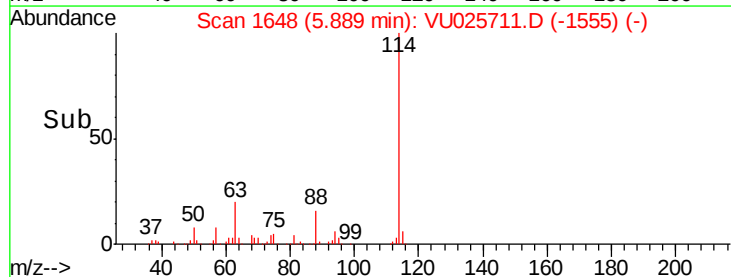
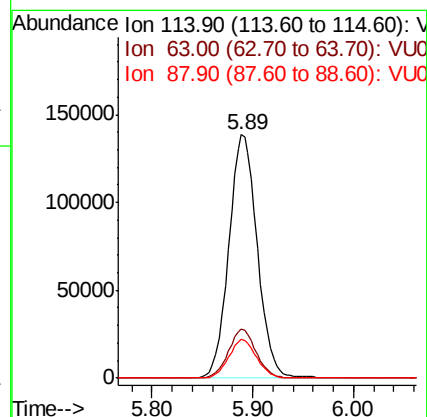
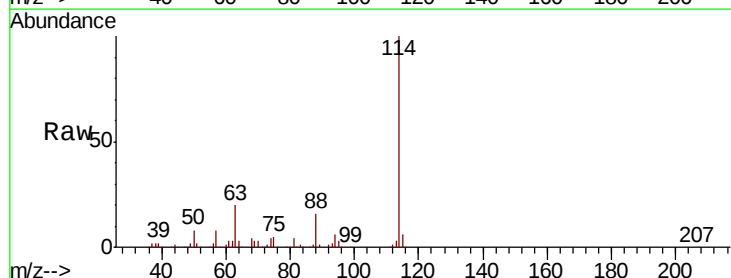
Tgt Ion: 114 Resp: 271949

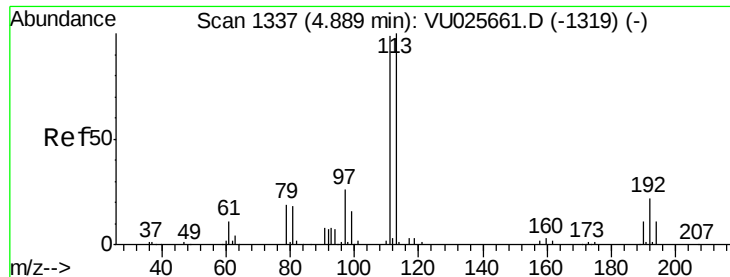
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 15.7 0.0 32.4





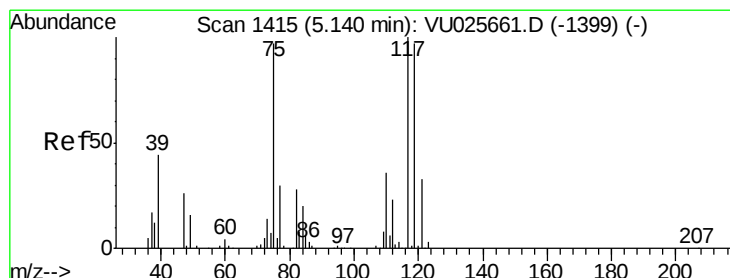
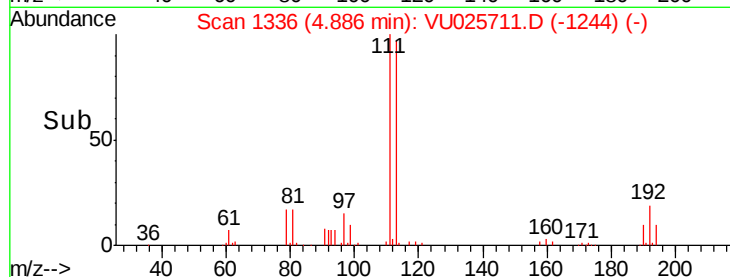
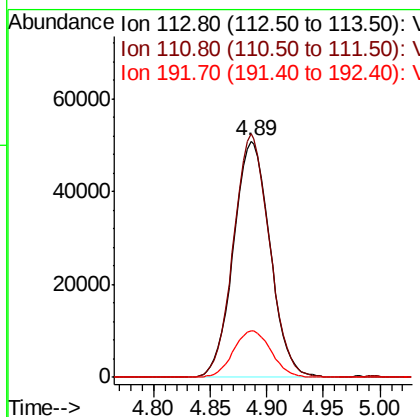
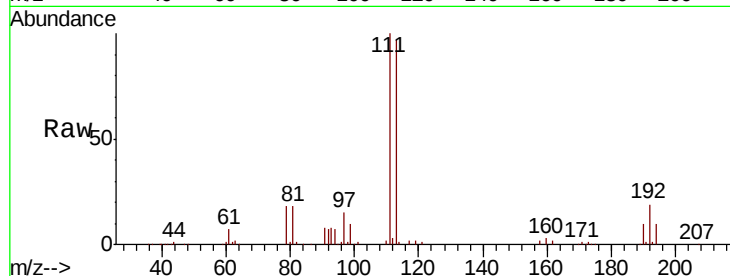
#35
 Dibromofluoromethane
 Concen: 48.48 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.7	122.5
192	20.4	17.1	25.7

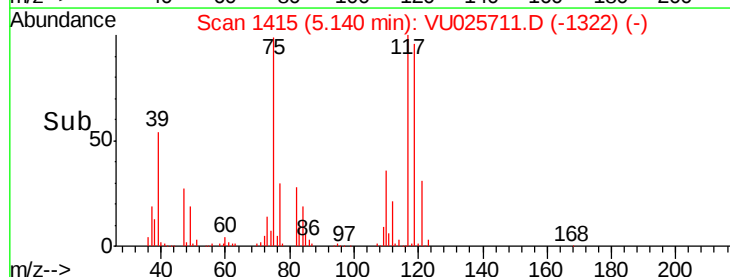
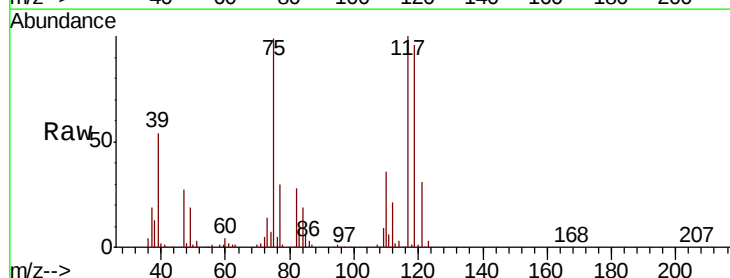
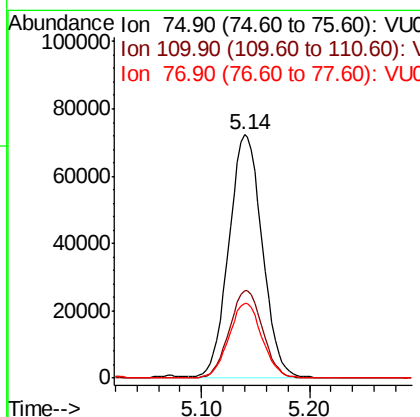
Manual Integrations
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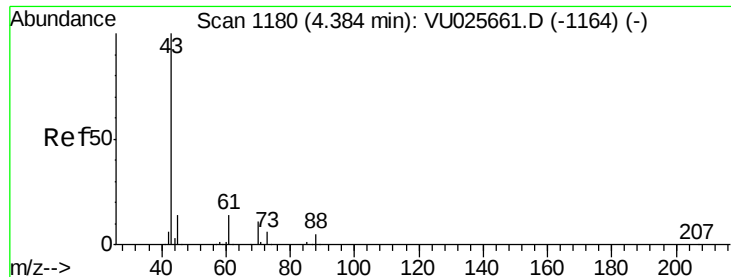
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#36
 1,1-Dichloropropene
 Concen: 48.82 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.6	52.9
77	30.9	24.4	36.6





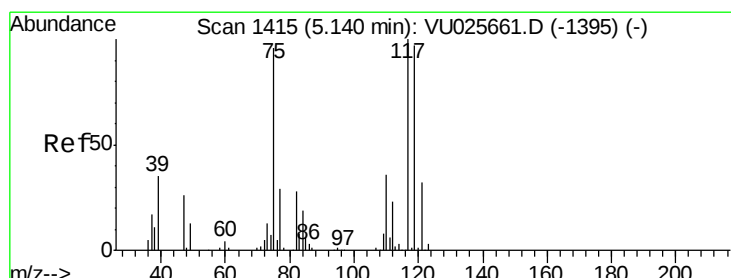
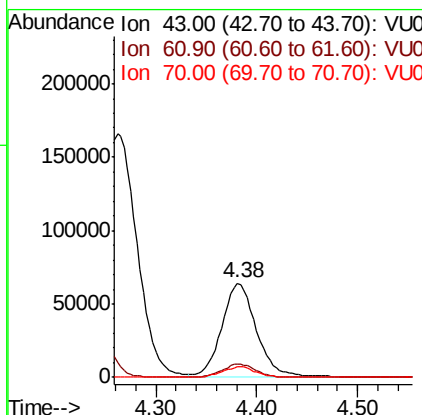
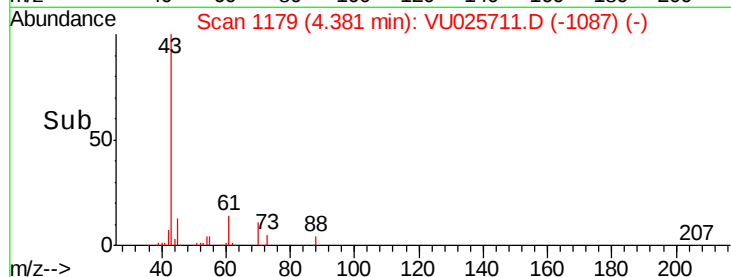
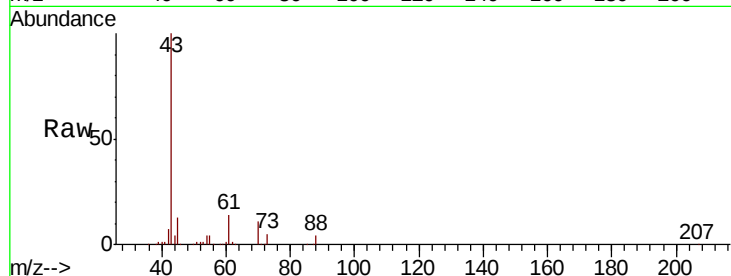
#37
Ethyl Acetate
Concen: 45.91 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	10.9	8.4	12.6

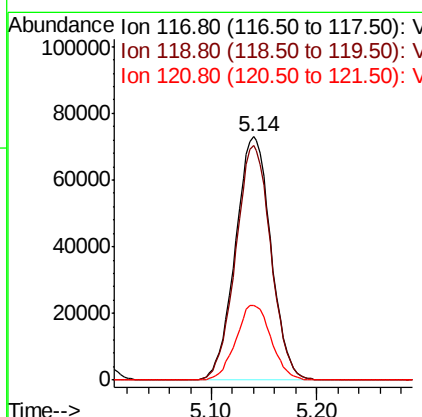
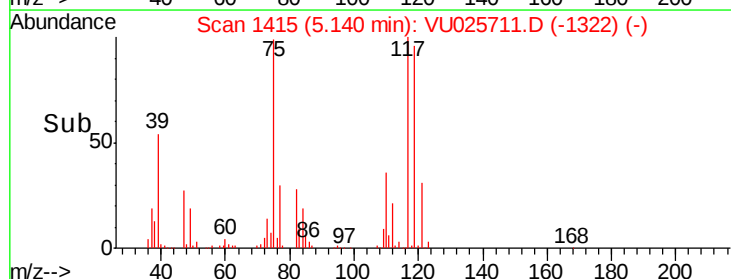
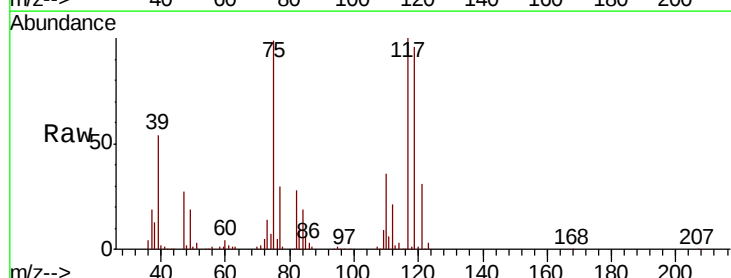
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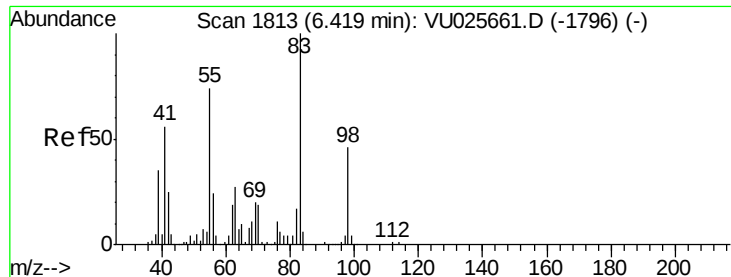
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#38
Carbon Tetrachloride
Concen: 47.31 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.7	113.5
121	30.9	24.6	36.8





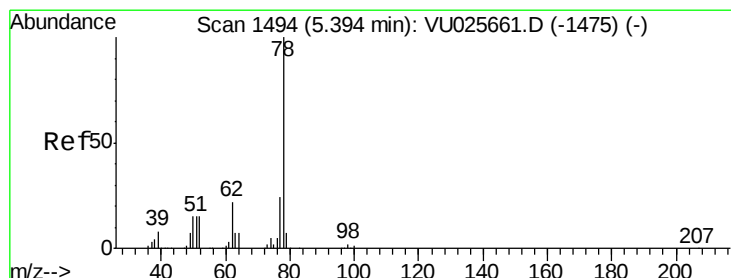
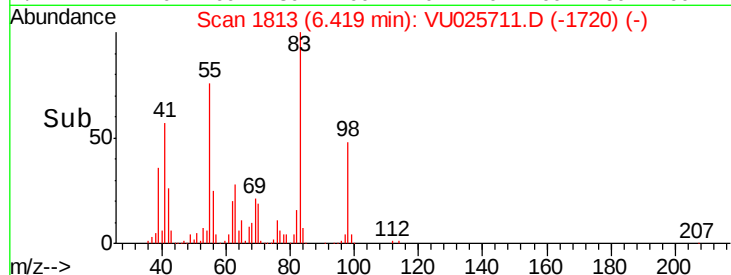
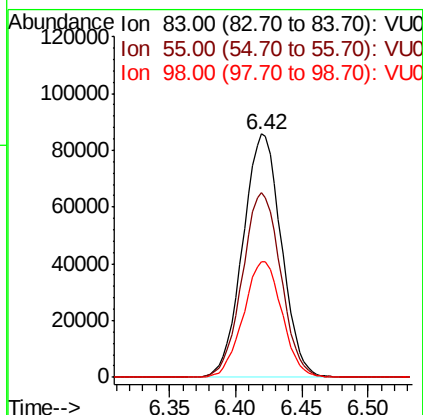
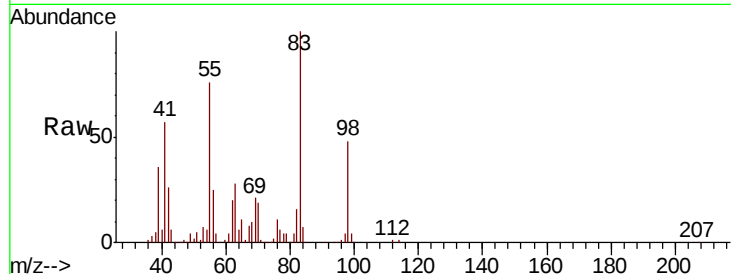
#39
Methvlcvclohexane
Concen: 47.50 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	172987		
55	75.9	60.0	90.0	
98	47.7	36.1	54.1	

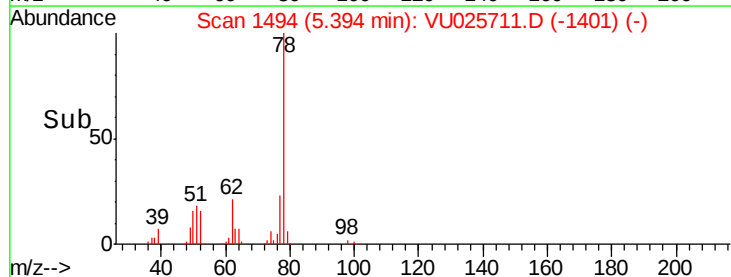
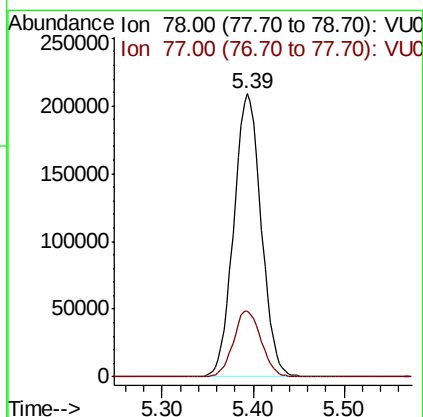
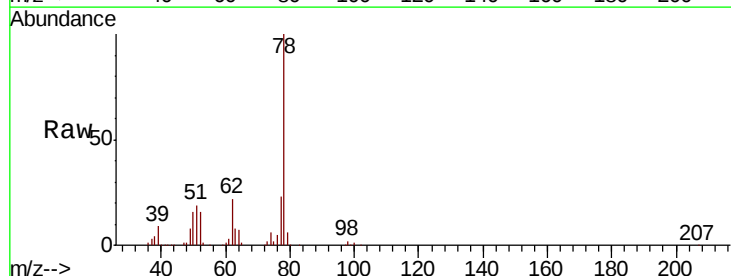
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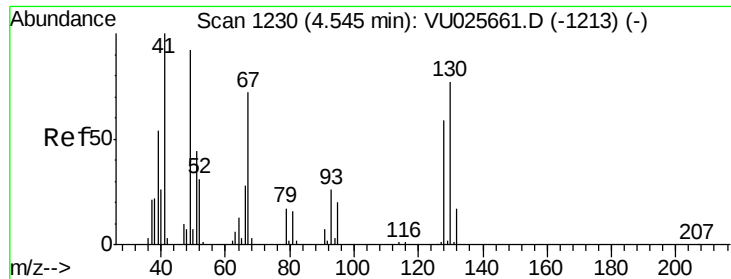
MMDadoda
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#40
Benzene
Concen: 47.18 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	438290		
77	23.2	19.8	29.6	





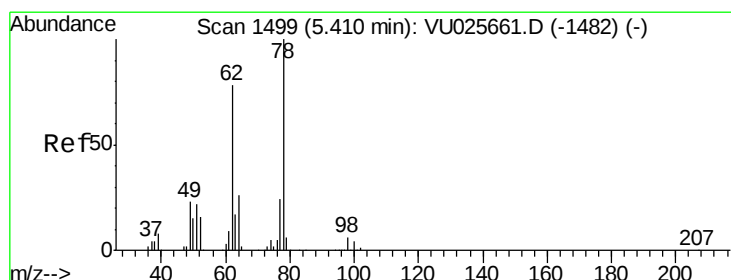
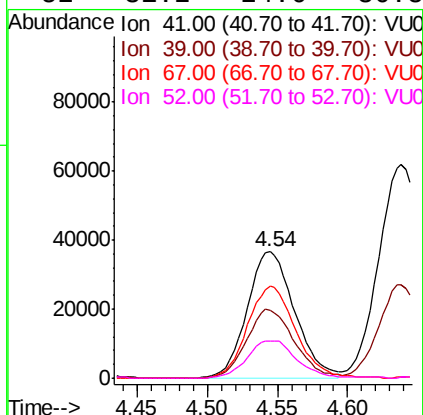
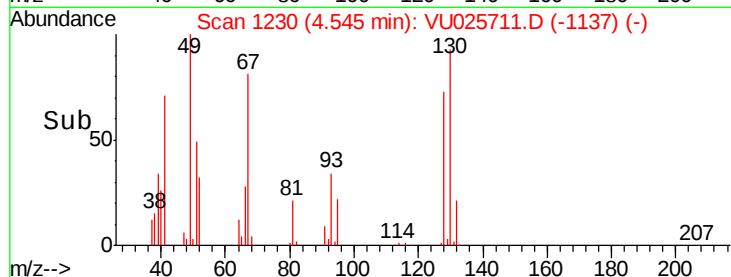
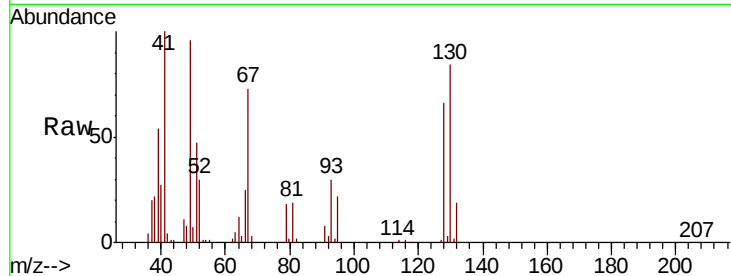
#41
Methacrylonitrile
Concen: 47.03 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	44.4	66.6	
67	73.9	56.0	84.0	
52	31.2	24.6	36.8	

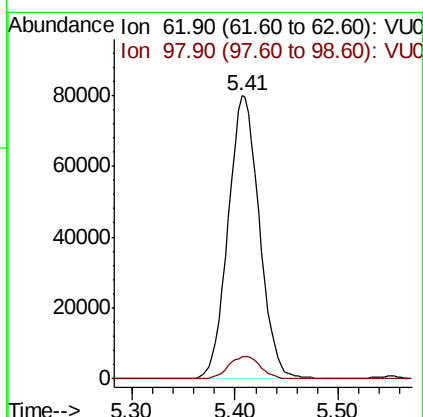
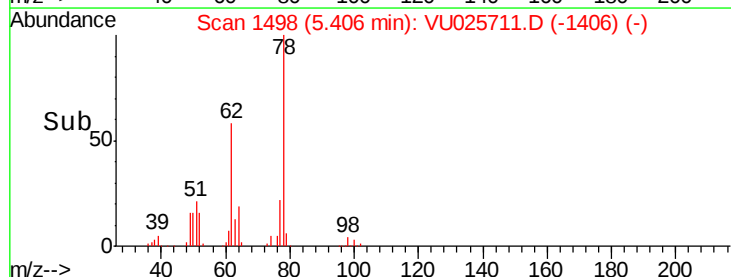
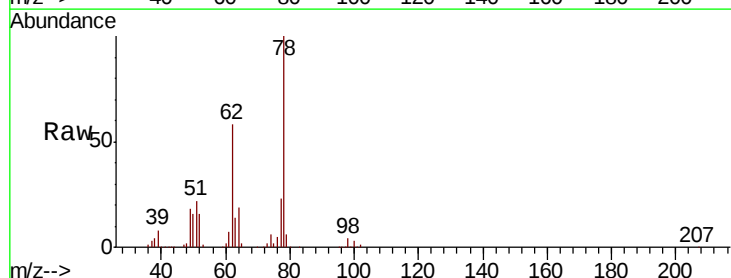
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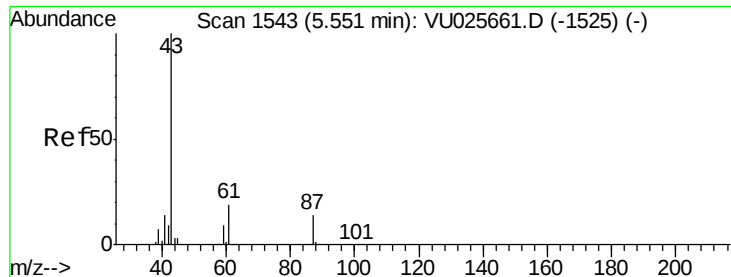
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.11 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.4	





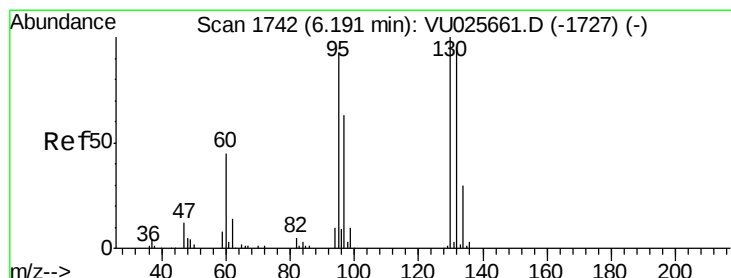
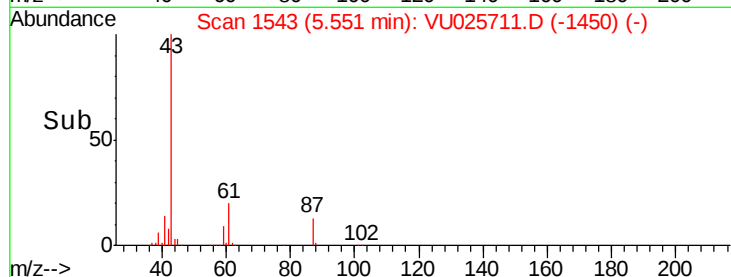
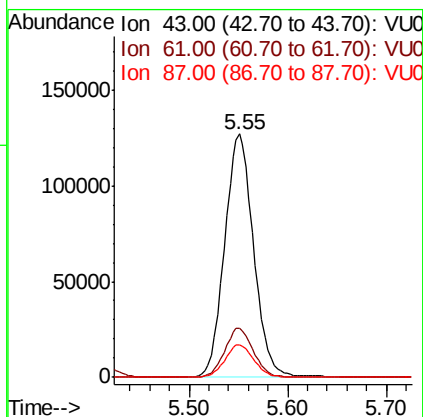
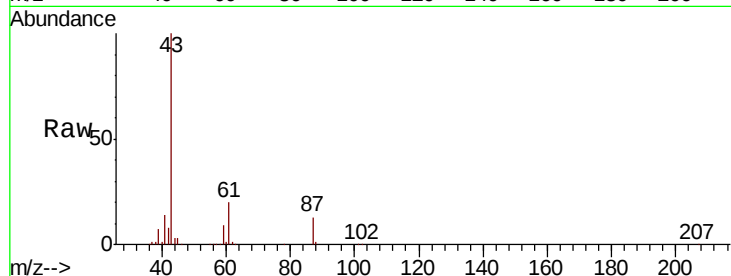
#43
Isopropyl Acetate
Concen: 47.52 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.5	23.3
87	13.5	10.6	16.0

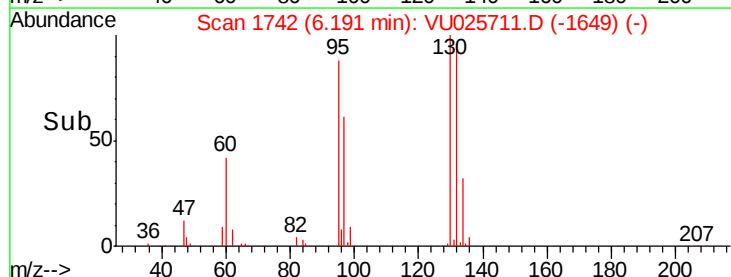
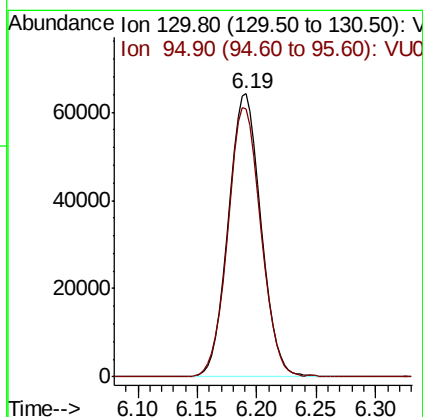
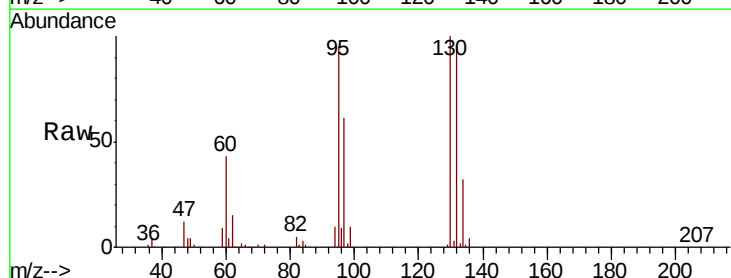
Manual Integrations
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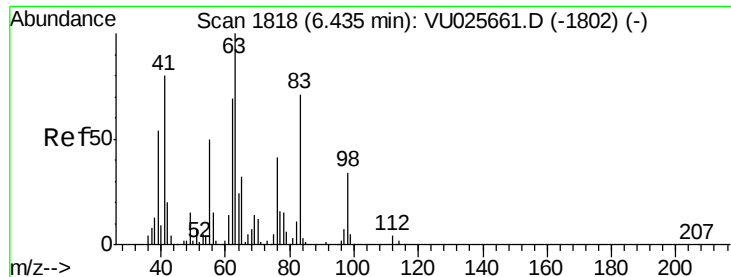
MMDadoda
7/31/2018 3:50:42 PM



#44
Trichloroethene
Concen: 47.21 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	192.2





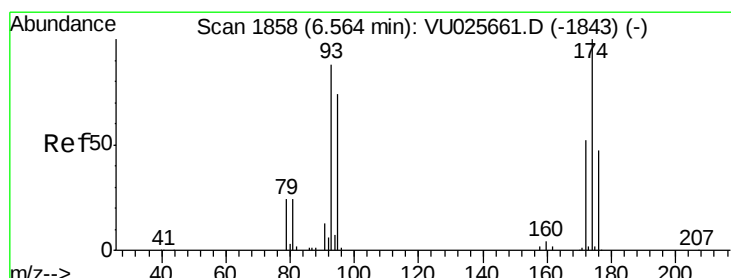
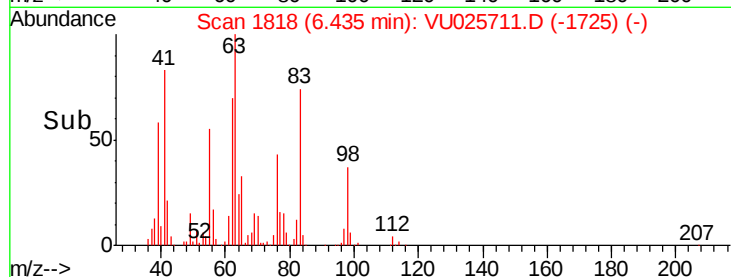
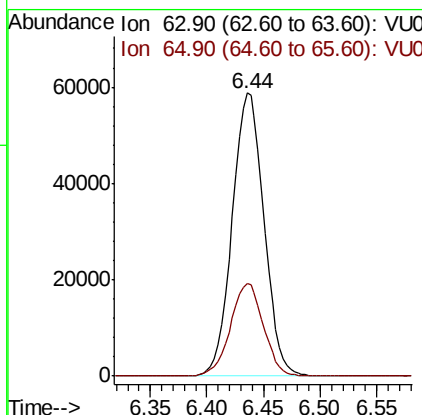
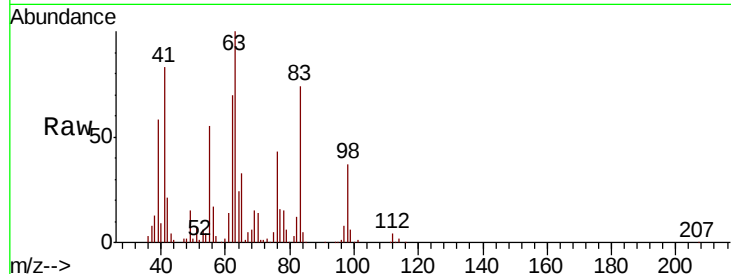
#45
 1,2-Dichloropropane
 Concen: 47.42 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 114889
 Ion Ratio Lower Upper
 63 100
 65 32.5 26.1 39.1

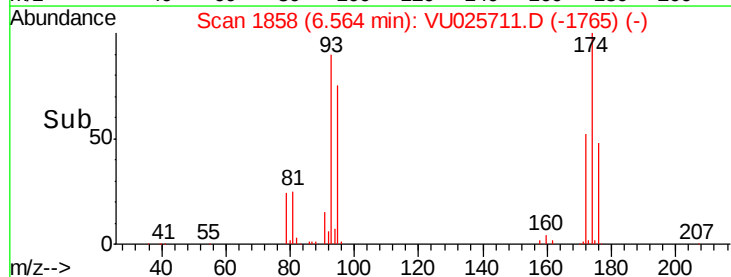
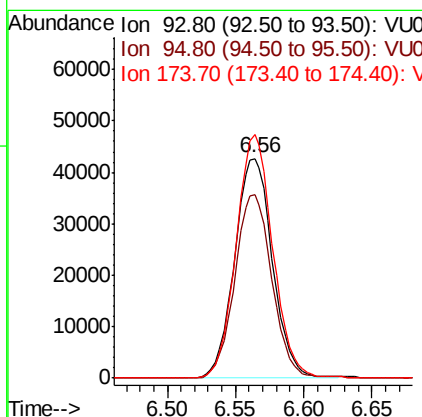
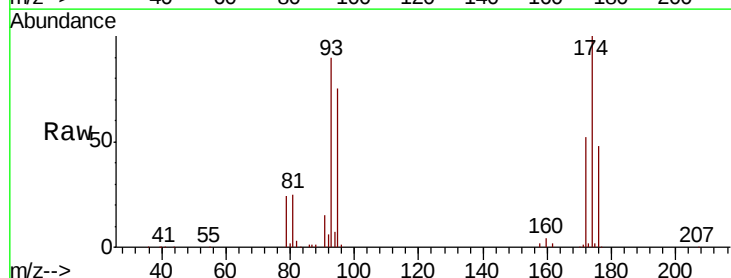
Manual Integrations
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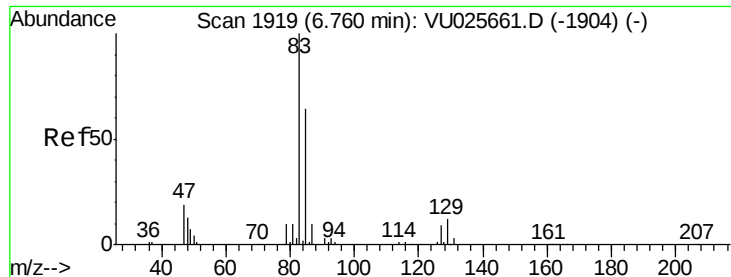
MMDadoda
 7/31/2018 3:50:42 PM



#46
 Dibromomethane
 Concen: 46.77 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Tgt Ion: 93 Resp: 82113
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 100.0
 174 107.3 85.8 128.8





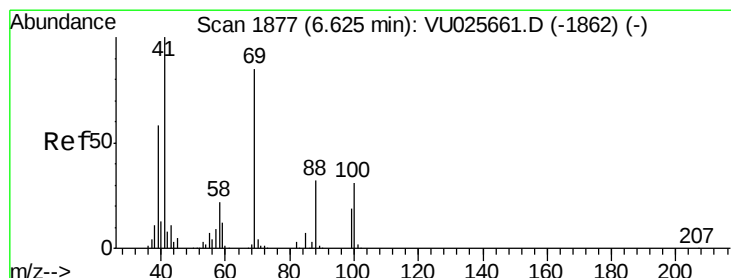
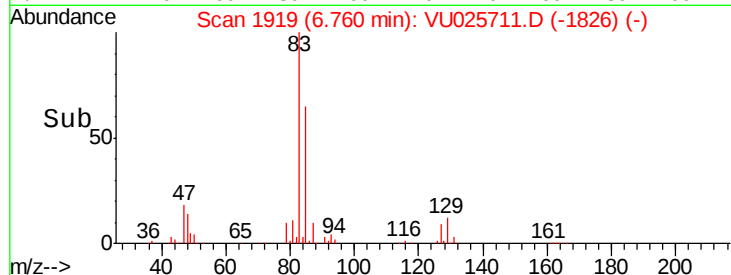
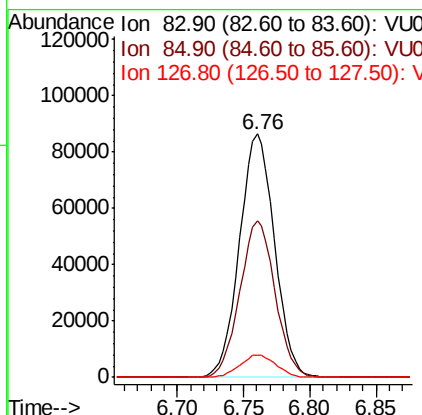
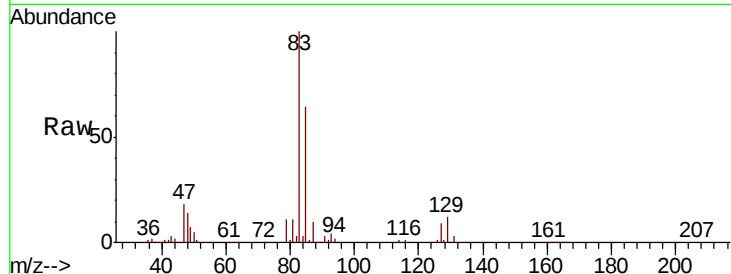
#47
Bromodichloromethane
Concen: 47.39 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	158698
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	50.2	75.4
127	9.3	7.2	10.8

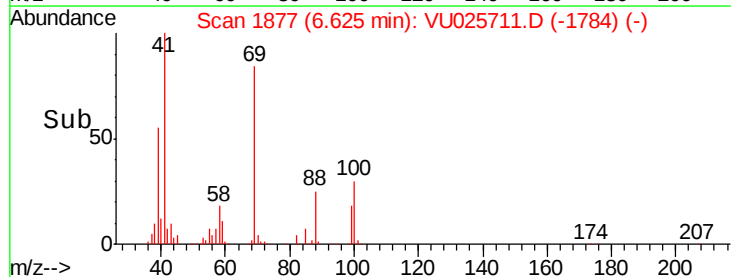
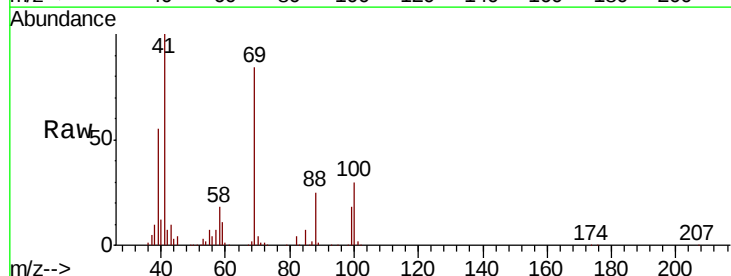
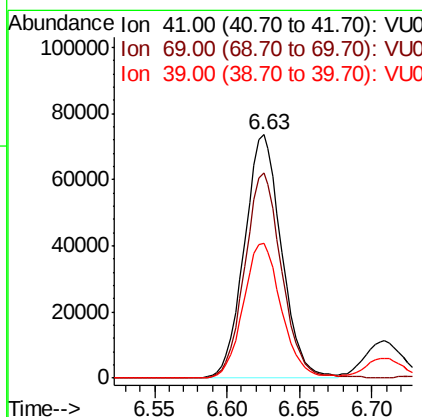
Manual Integrations
APPROVED

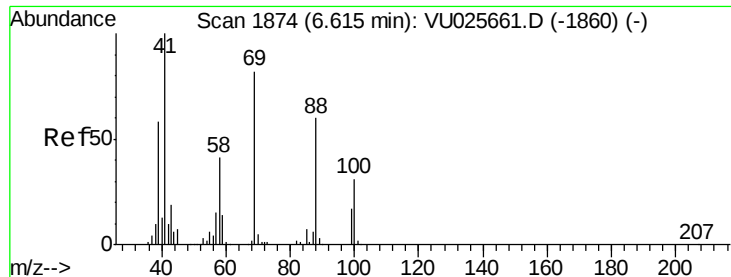
MMDadoda
7/31/2018 3:50:42 PM



#48
Methyl methacrylate
Concen: 48.88 ug/l
RT: 6.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	41	Resp	130461
Ion Ratio	100	Lower	Upper
41	100		
69	84.3	65.0	97.4
39	56.3	46.4	69.6





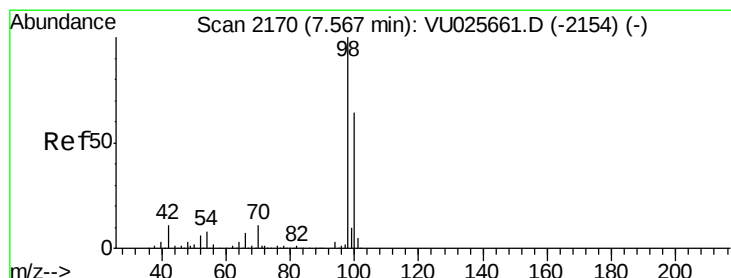
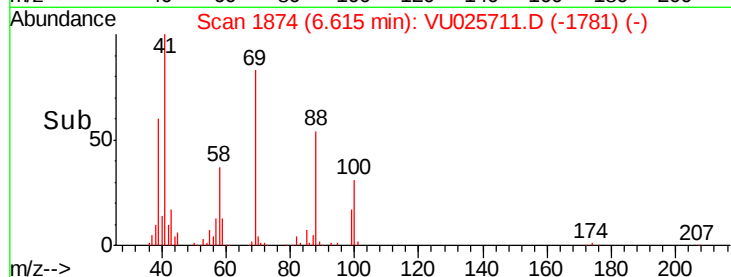
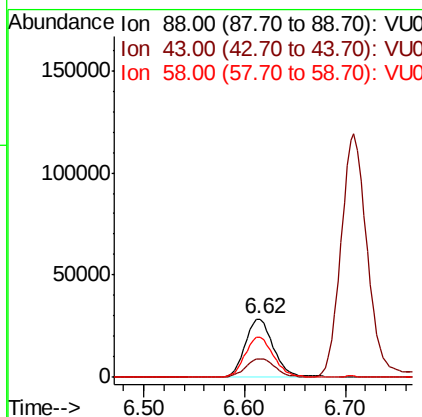
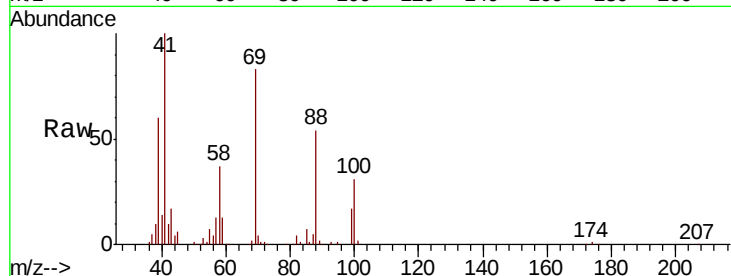
#49
1,4-Dioxane
Concen: 858.97 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	27.3	40.9
58	69.5	57.6	86.4

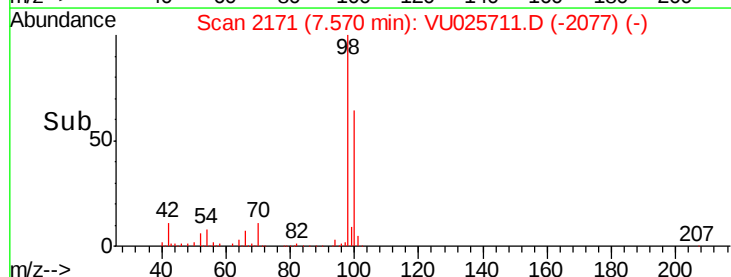
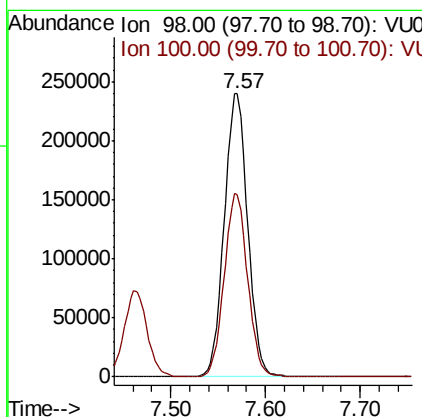
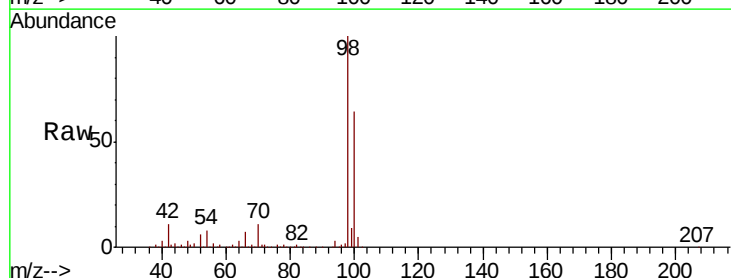
Manual Integrations
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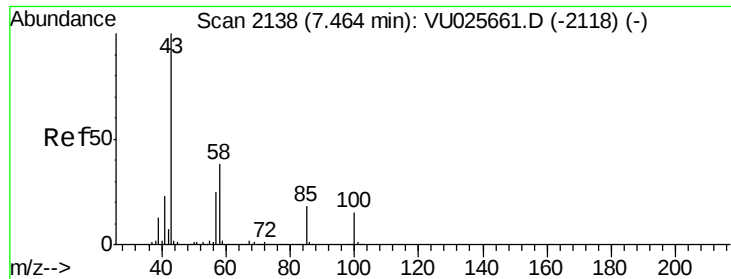
MMDadoda
7/31/2018 3:50:42 PM



#50
Toluene-d8
Concen: 49.92 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 234.69 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 800136

Ion Ratio Lower Upper

43 100

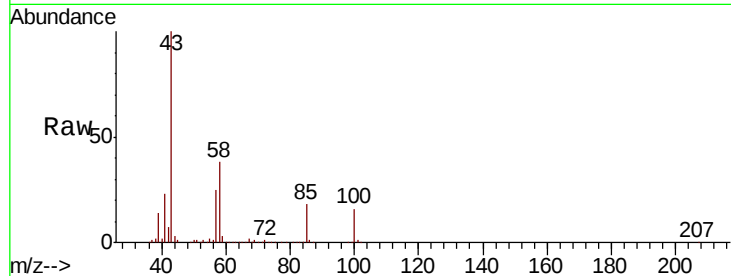
58 38.7 31.0 46.4

Manual Integrations

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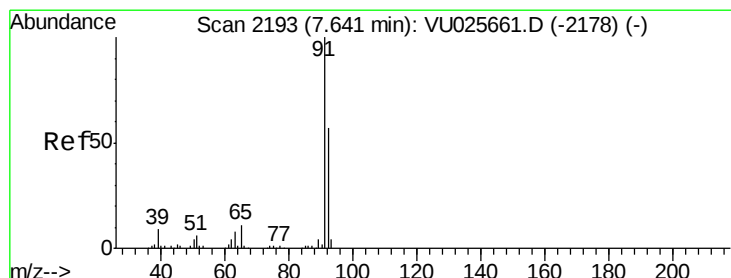
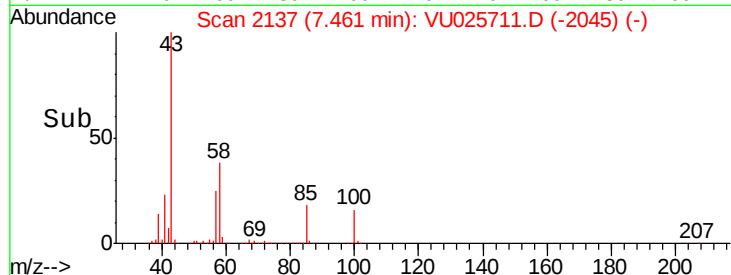
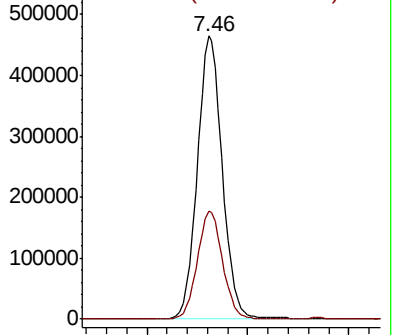
MMDadoda

7/31/2018 3:50:42 PM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 48.65 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025711.D

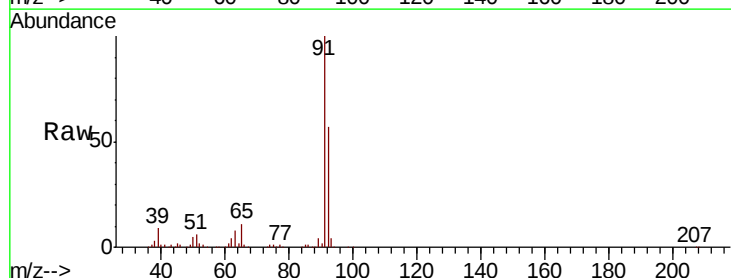
Acq: 28 Jul 2018 08:28

Tgt Ion: 92 Resp: 280772

Ion Ratio Lower Upper

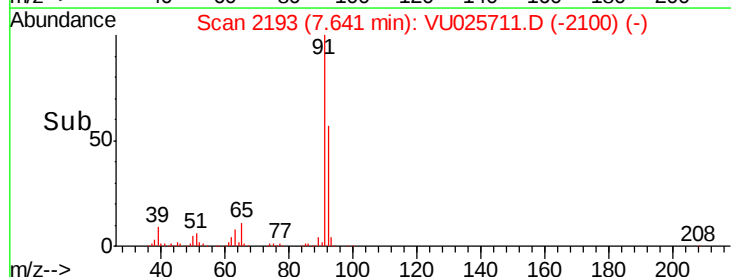
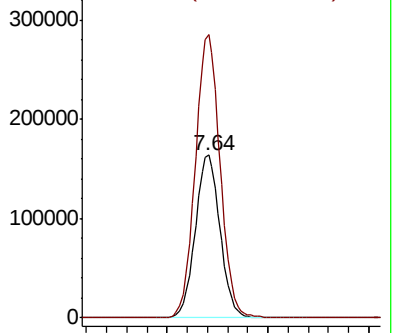
92 100

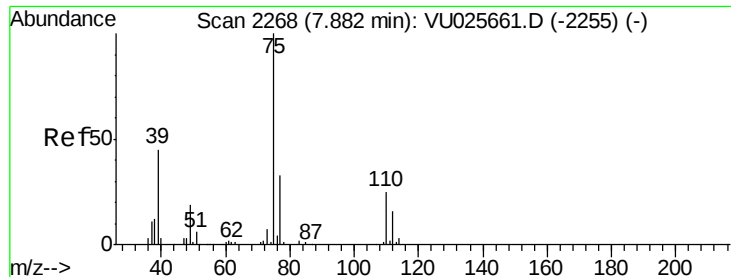
91 174.3 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 44.06 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 165654

Ion Ratio Lower Upper

75 100

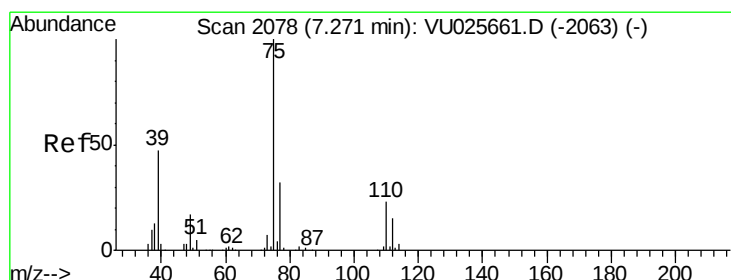
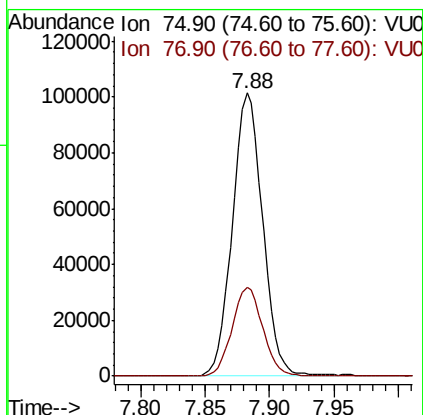
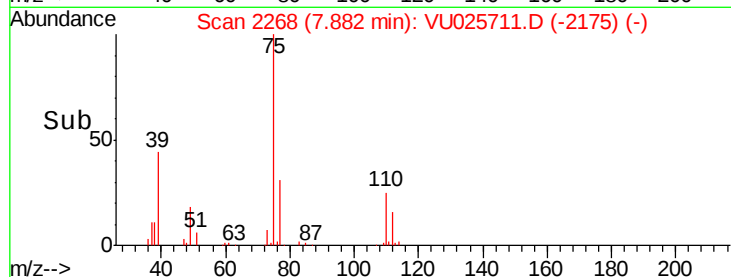
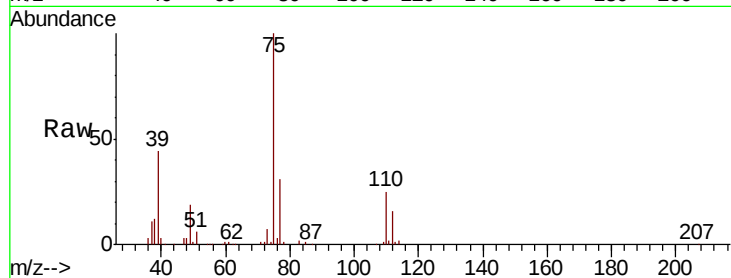
77 31.2 24.5 36.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 44.56 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

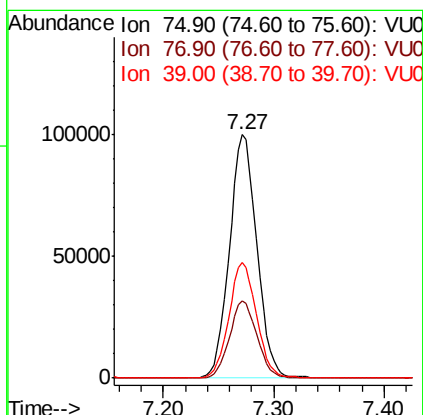
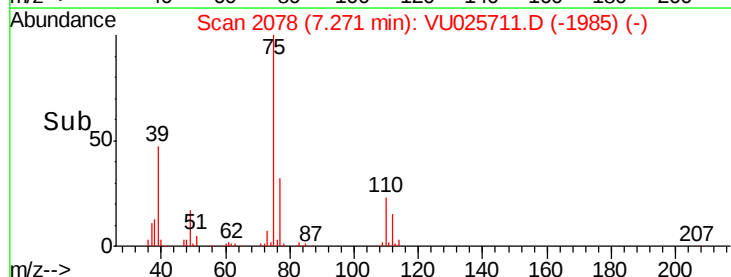
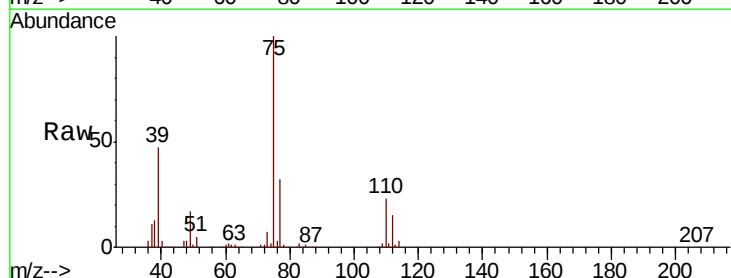
Tgt Ion: 75 Resp: 172097

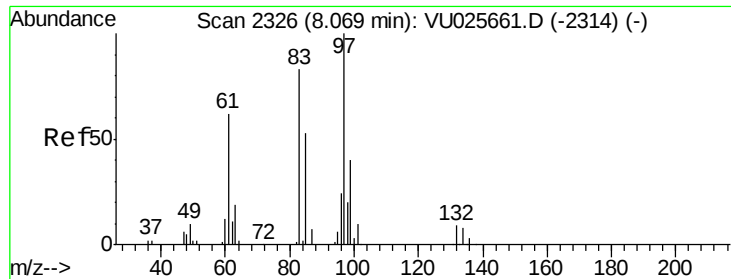
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 47.3 40.0 60.0





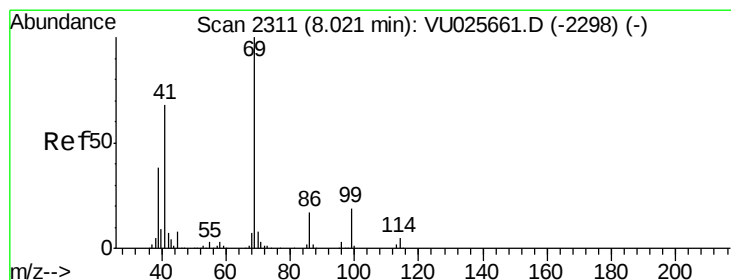
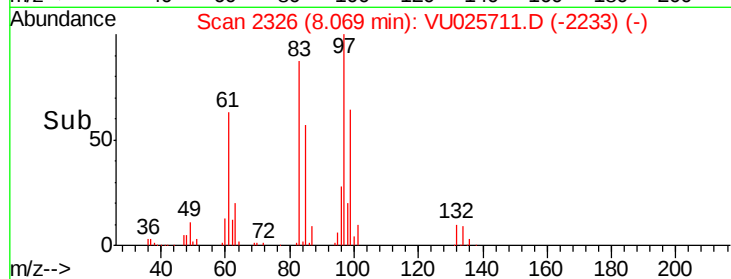
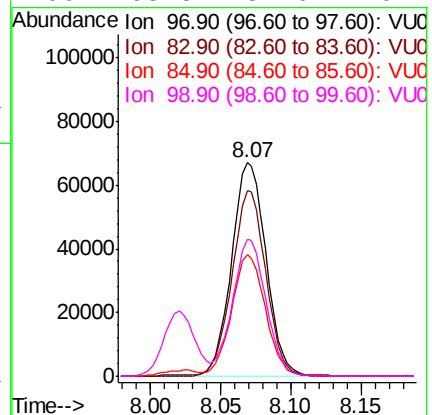
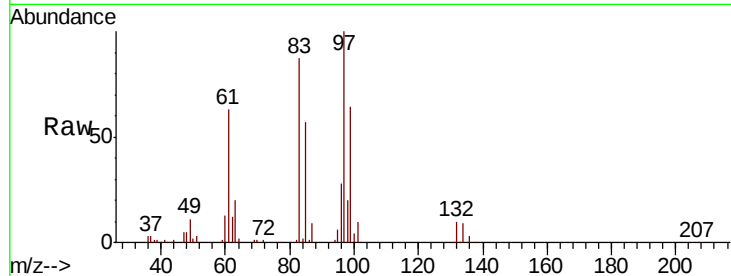
#55
 1,1,2-Trichloroethane
 Concen: 47.47 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		113846		
83	87.0	68.9	103.3		
85	56.7	44.4	66.6		
99	63.8	51.0	76.4		

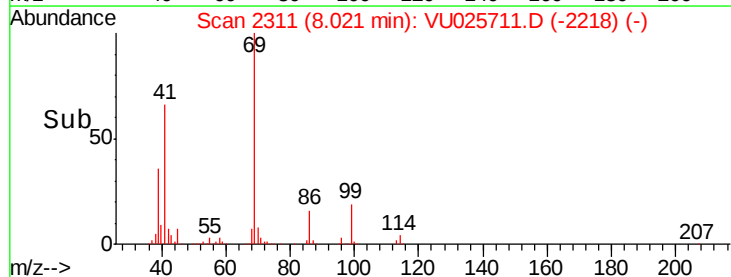
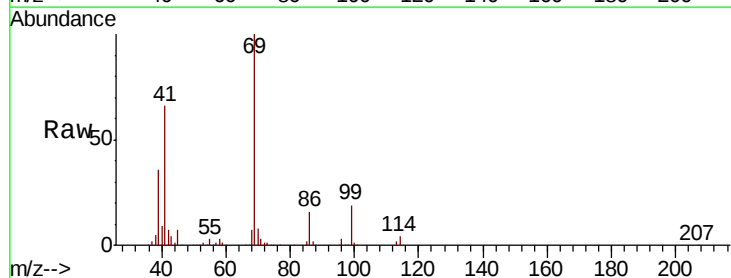
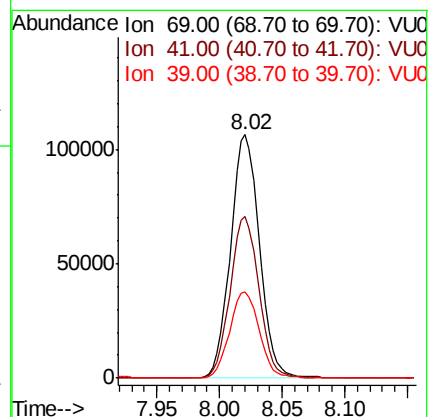
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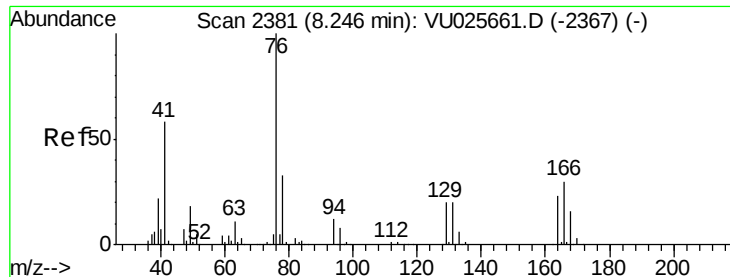
MMDadoda
 7/31/2018 3:50:42 PM



#56
 Ethyl methacrylate
 Concen: 49.75 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		170481		
41	66.2	54.8	82.2		
39	36.4	31.1	46.7		





#57

1,3-Dichloropropane

Concen: 48.19 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 194394

Ion Ratio Lower Upper

76 100

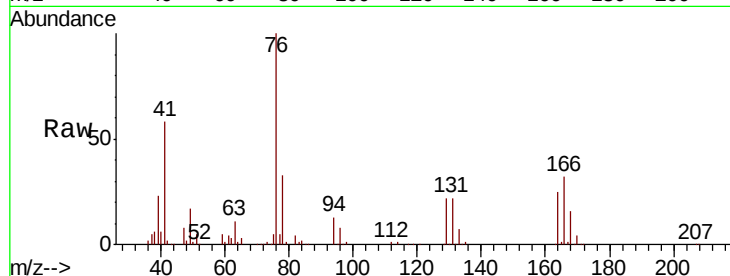
78 32.3 26.1 39.1

Manual Integrations

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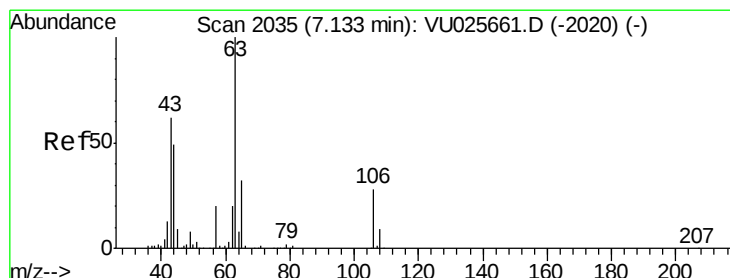
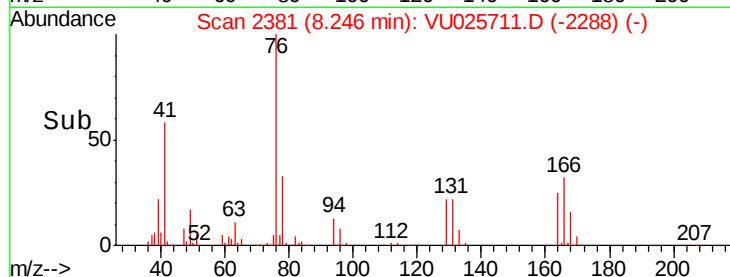
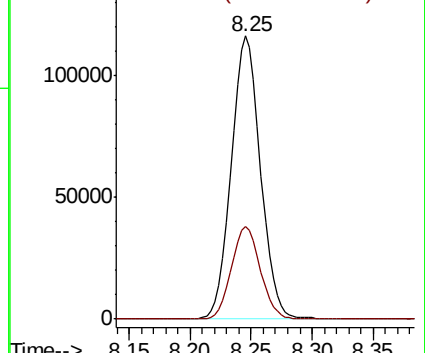
MMDadoda

7/31/2018 3:50:42 PM



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 220.00 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU025711.D

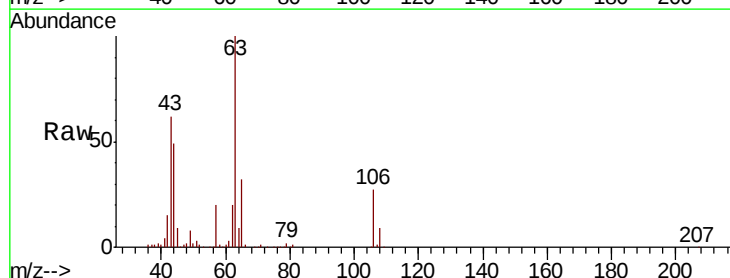
Acq: 28 Jul 2018 08:28

Tgt Ion: 63 Resp: 340050

Ion Ratio Lower Upper

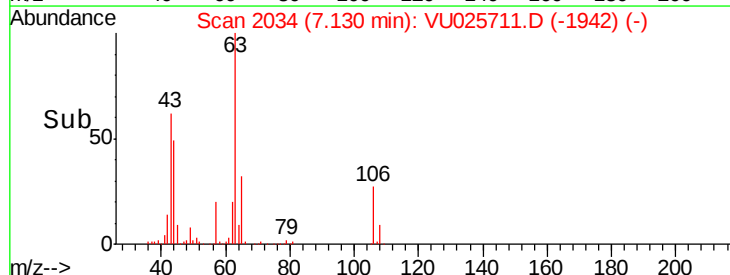
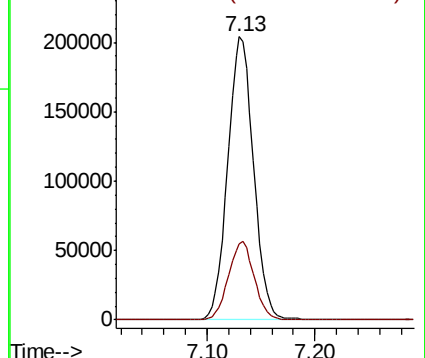
63 100

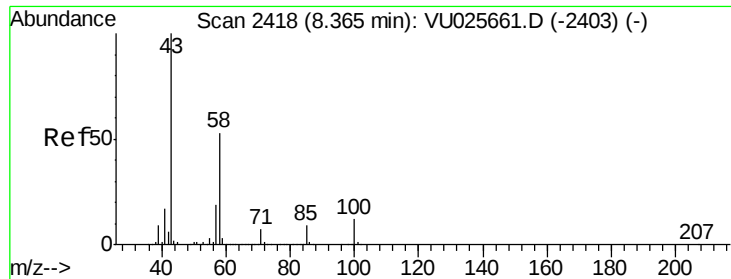
106 27.6 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





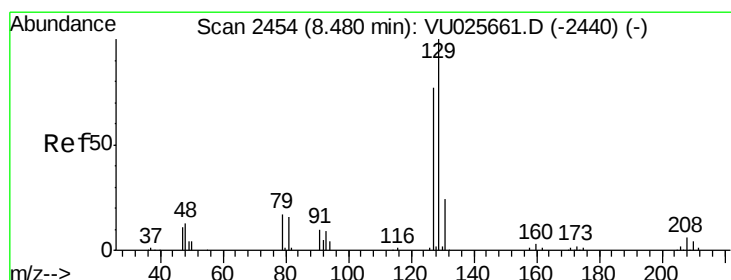
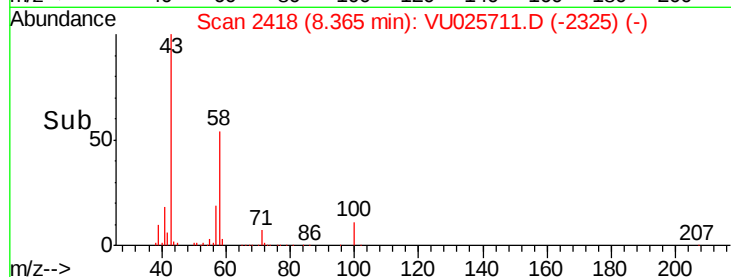
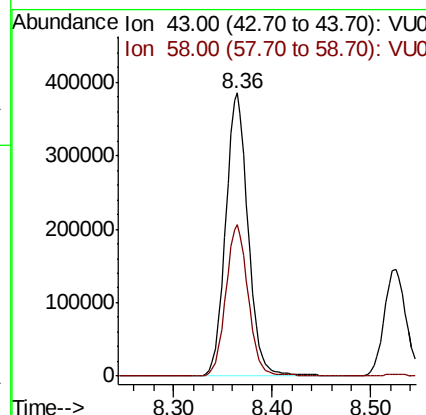
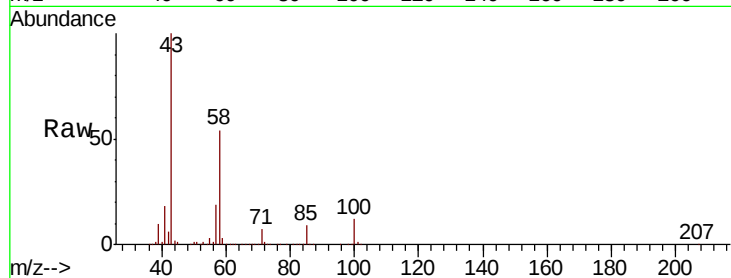
#59
2-Hexanone
Concen: 231.05 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 617466
Ion Ratio Lower Upper
43 100
58 53.5 26.2 78.5

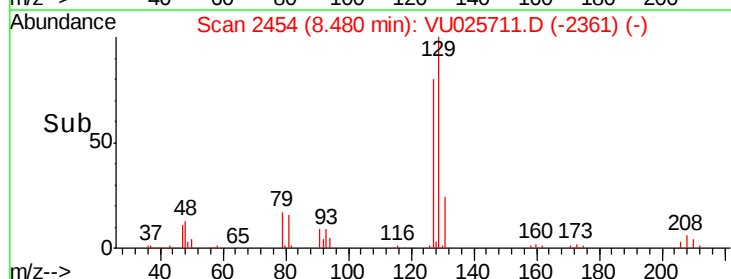
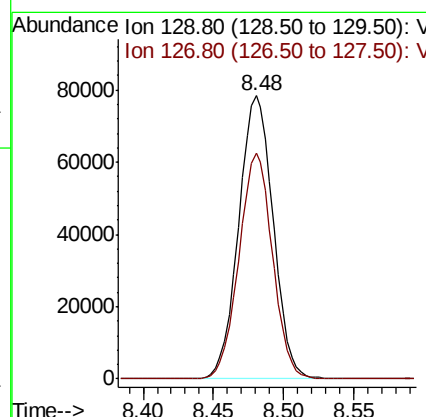
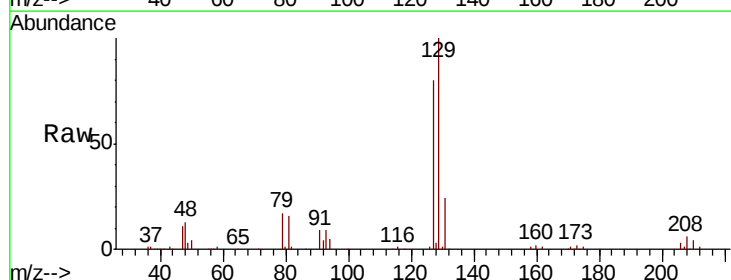
Manual Integrations
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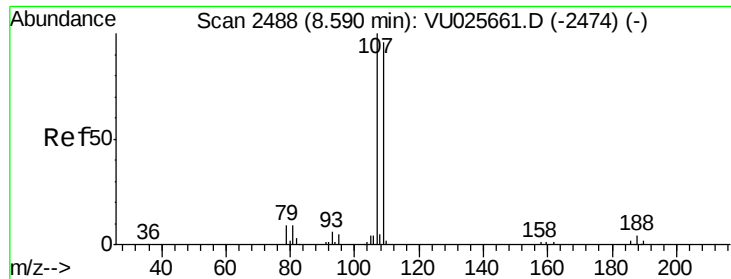
MMDadoda
7/31/2018 3:50:42 PM



#60
Dibromochloromethane
Concen: 47.48 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion: 129 Resp: 134297
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





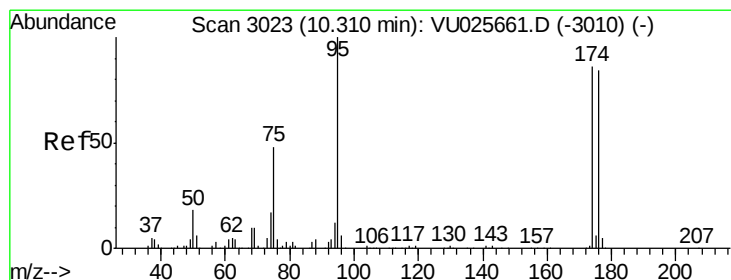
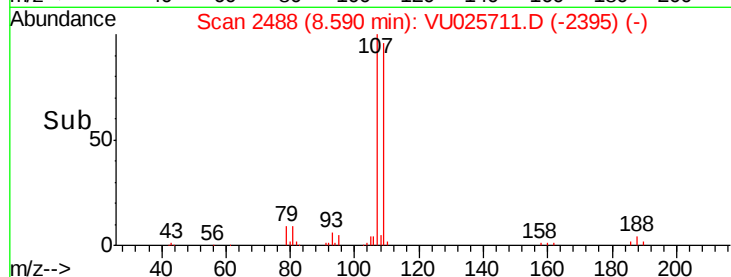
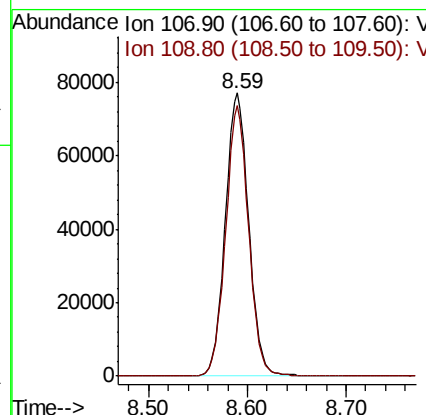
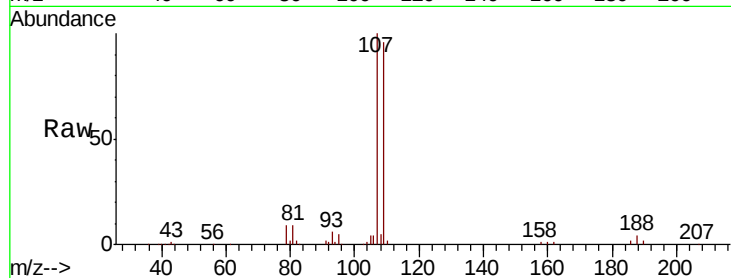
#61
 1,2-Dibromoethane
 Concen: 48.24 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.8	113.8

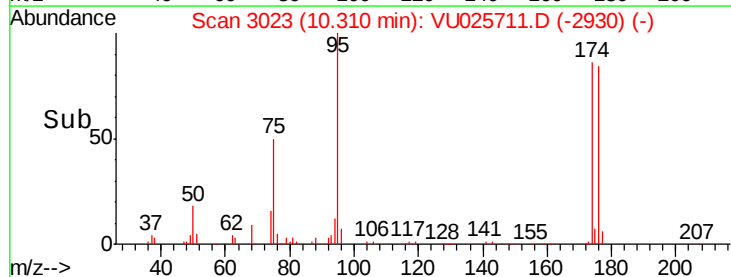
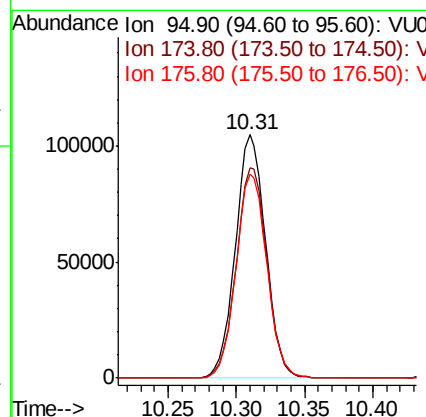
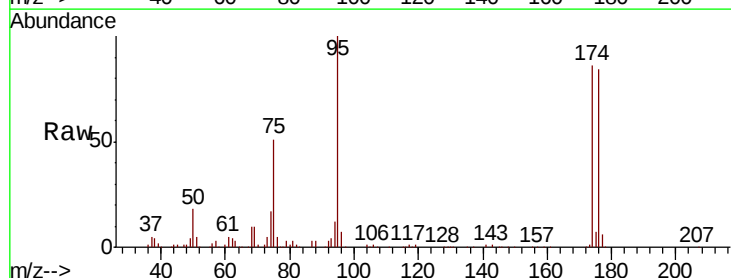
Manual Integrations
 APPROVED

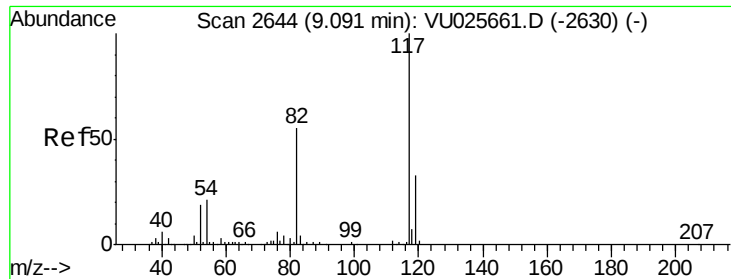
MMDadoda
 7/31/2018 3:50:42 PM



#62
 4-Bromofluorobenzene
 Concen: 50.22 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	172.2
176	85.4	0.0	162.6





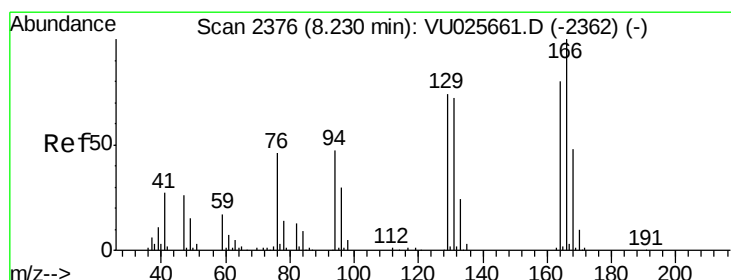
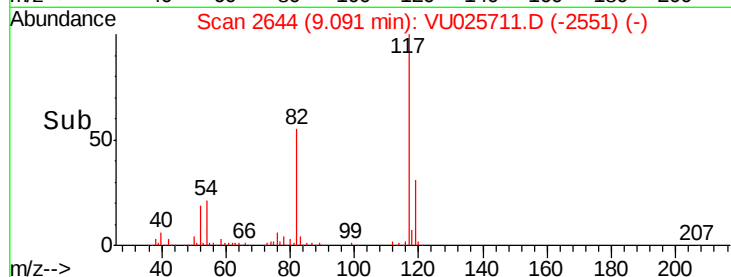
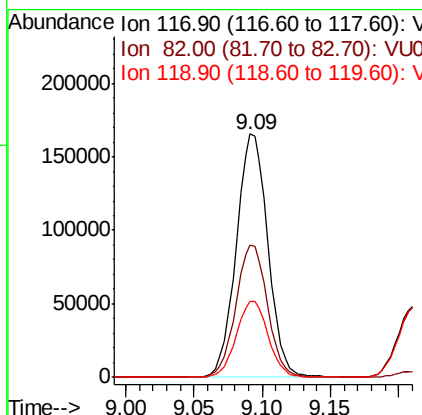
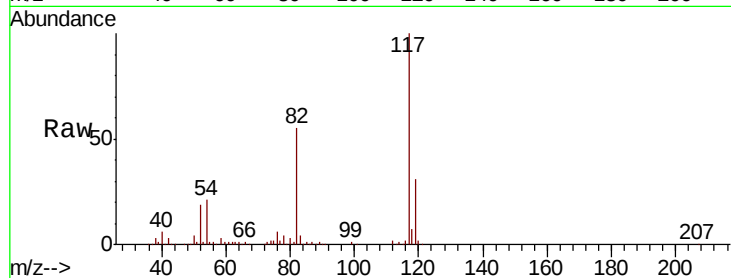
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	265716		
82	54.5	46.0	69.0	
119	31.0	26.0	39.0	

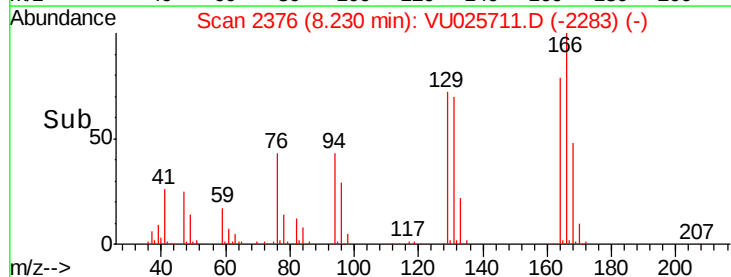
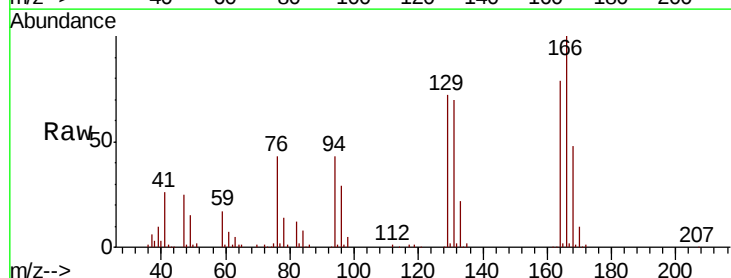
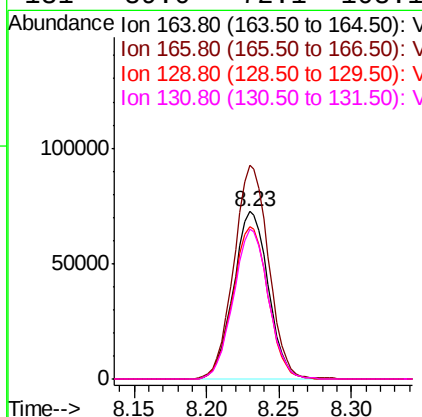
Manual Integrations
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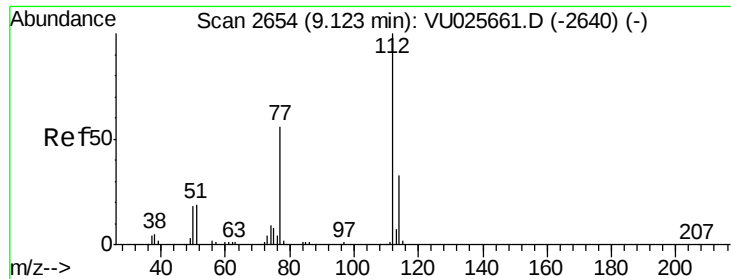
MMDadoda
7/31/2018 3:50:42 PM



#64
Tetrachloroethene
Concen: 51.87 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121314		
166	127.4	101.1	151.7	
129	91.1	73.0	109.6	
131	89.0	72.1	108.1	





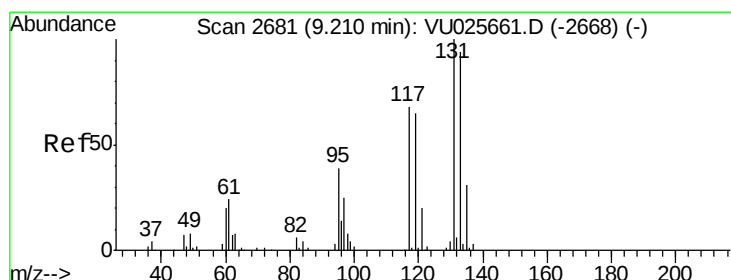
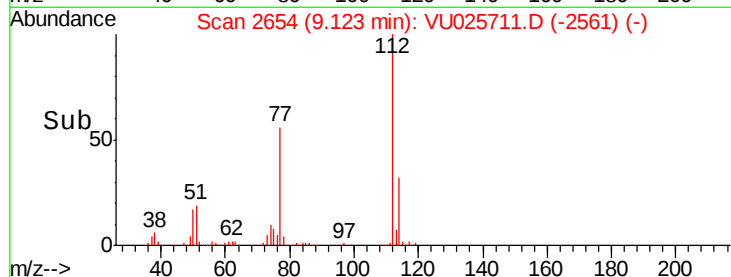
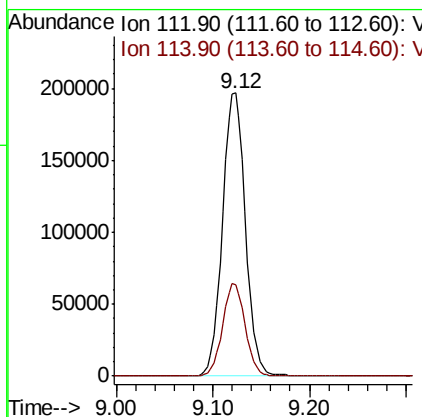
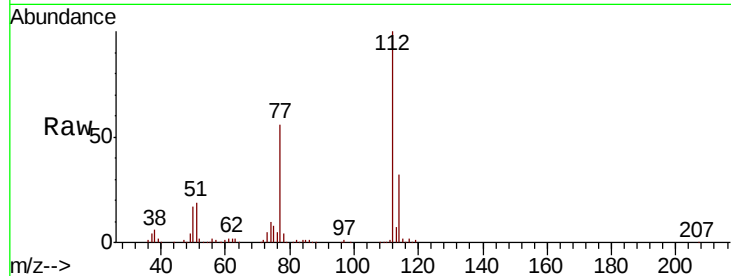
#65
Chlorobenzene
Concen: 47.19 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.8

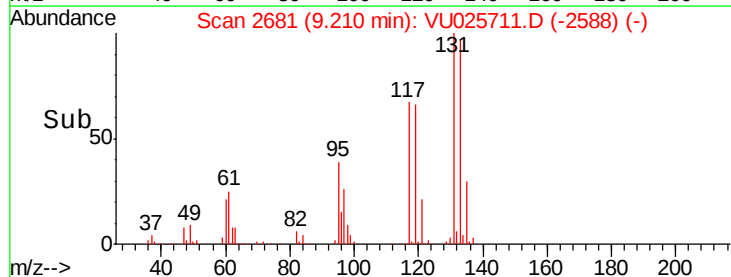
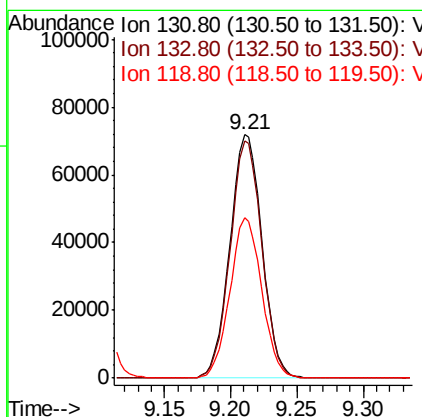
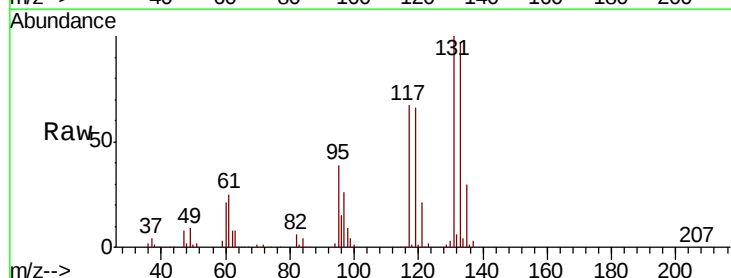
Manual Integrations
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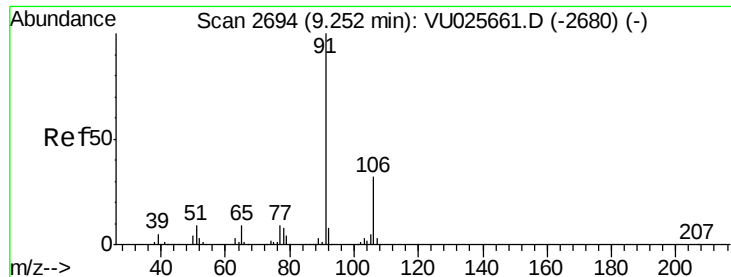
MMDadoda
7/31/2018 3:50:42 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.74 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.8	143.3
119	65.4	31.6	95.0





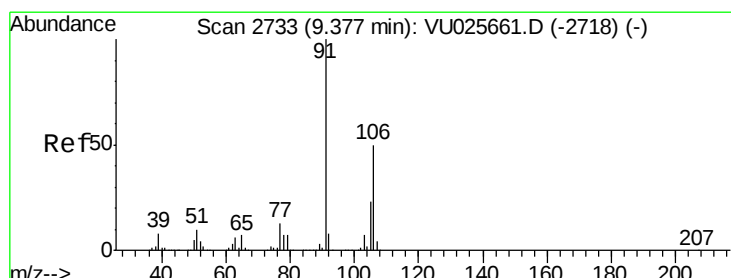
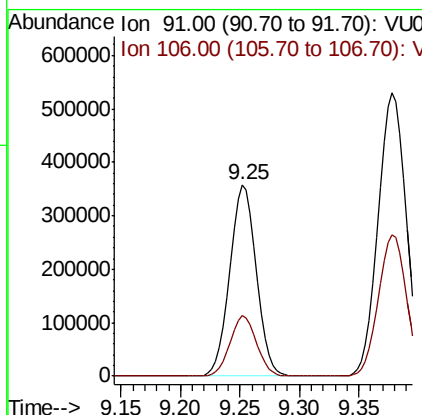
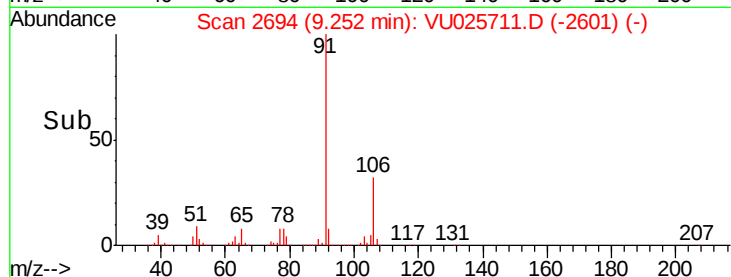
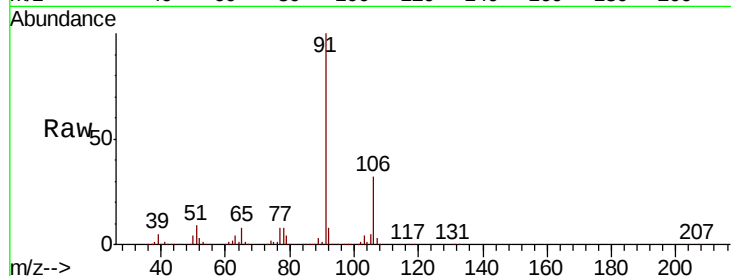
#67
Ethyl Benzene
Concen: 48.88 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 554707
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9

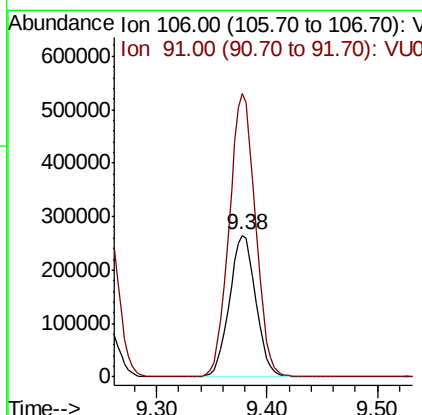
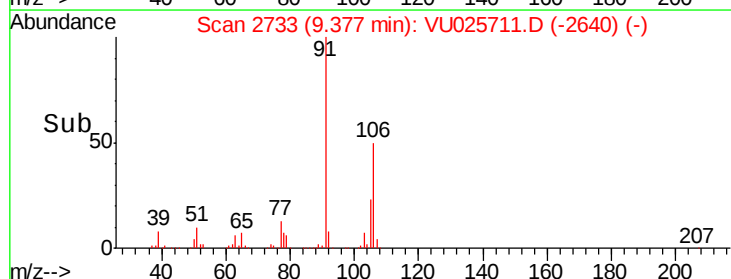
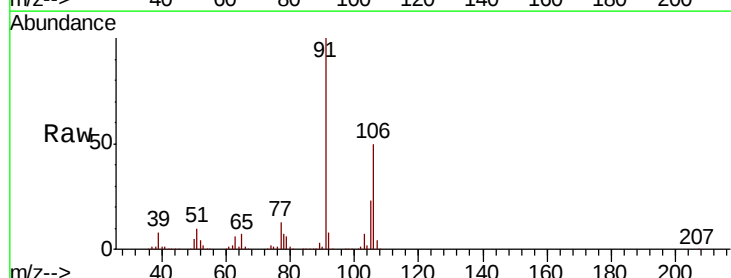
Manual Integrations
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7/31/2018 3:50:42 PM



#68
m/p-Xylenes
Concen: 100.16 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion: 106 Resp: 436361
Ion Ratio Lower Upper
106 100
91 200.4 162.3 243.5





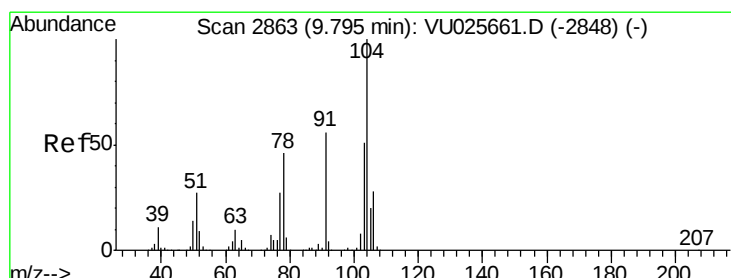
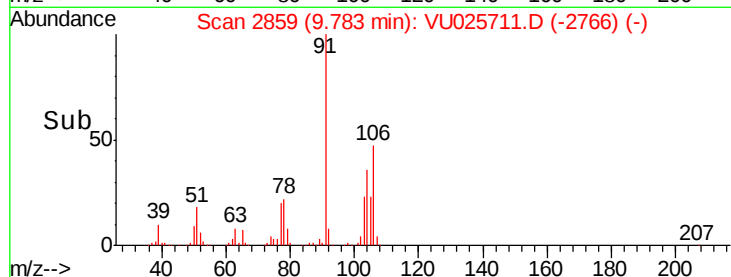
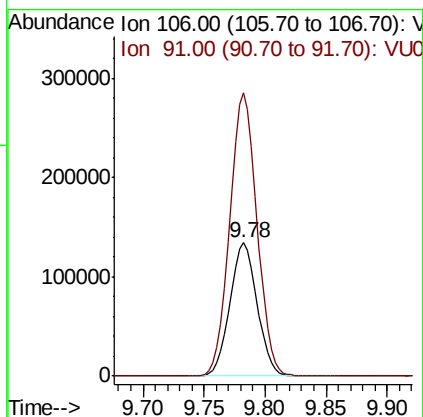
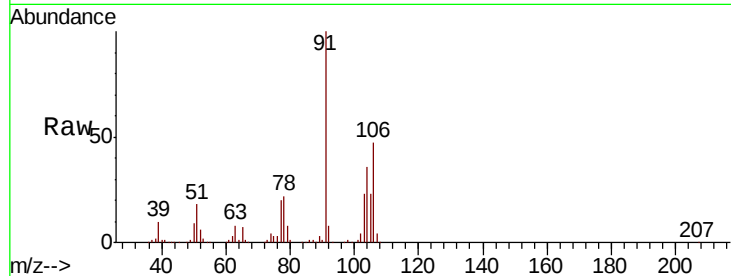
#69
o-Xylene
Concen: 49.23 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		209624		
91	212.4	105.3	315.8		

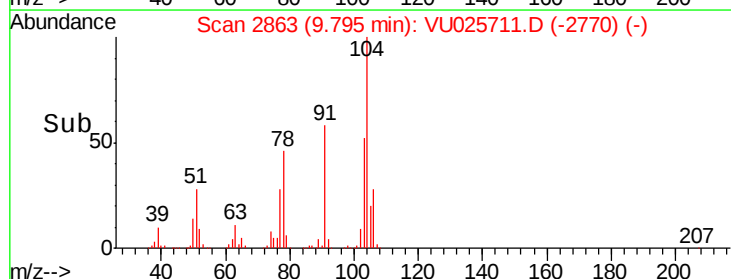
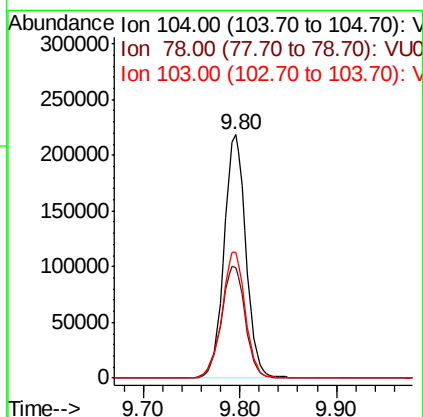
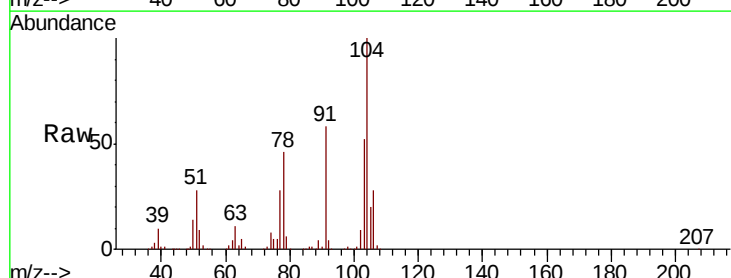
Manual Integrations
APPROVED

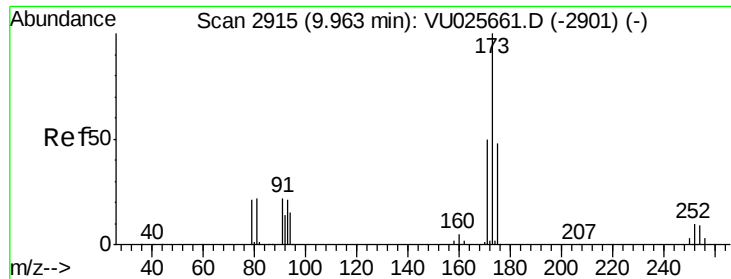
MMDadoda
7/31/2018 3:50:42 PM



#70
Styrene
Concen: 49.64 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		341397		
78	50.5	41.6	62.4		
103	55.1	44.6	66.8		





#71

Bromoform

Concen: 48.59 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

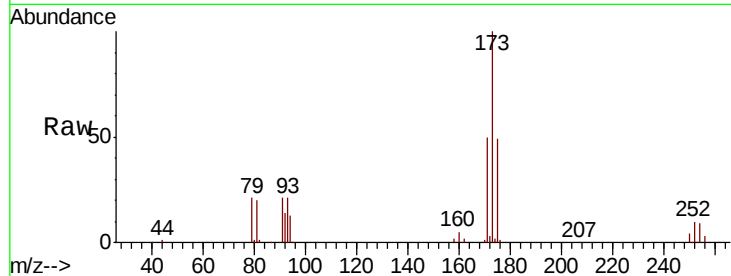
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.0	72.0
254	0.0	0.0	0.0

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7/31/2018 3:50:42 PM

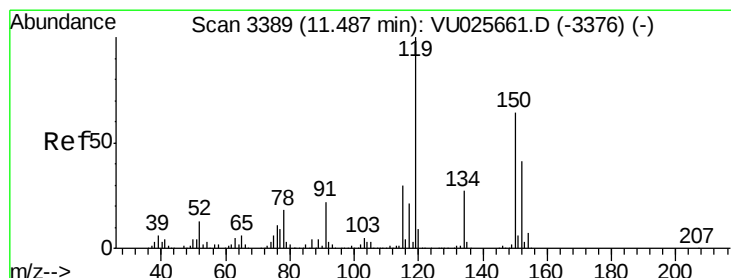
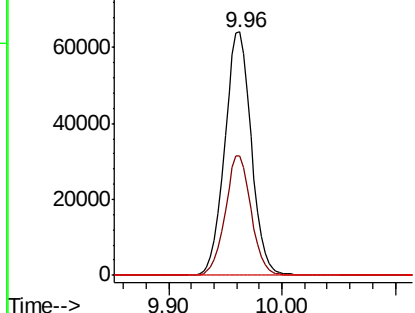
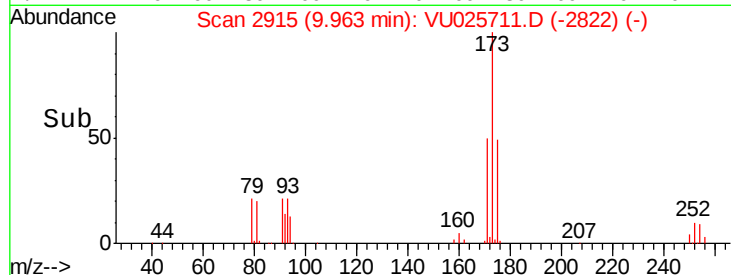


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

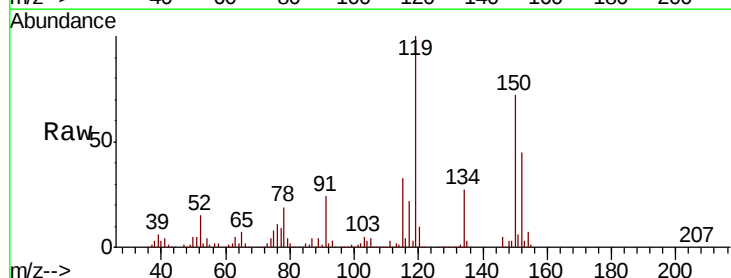
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.5	40.1	120.3
150	173.4	0.0	351.4

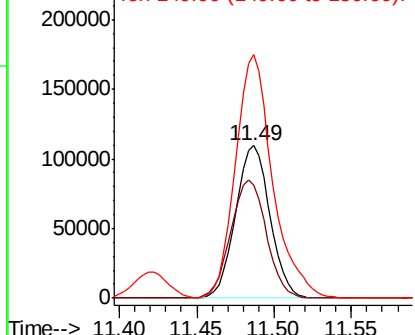
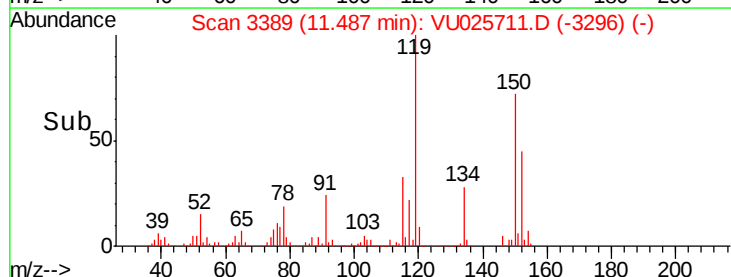


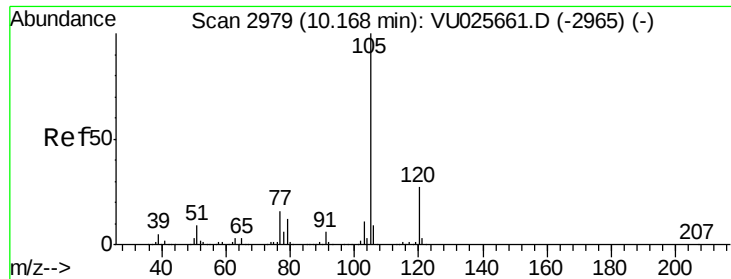
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.33 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 567952

Ion Ratio Lower Upper

105 100

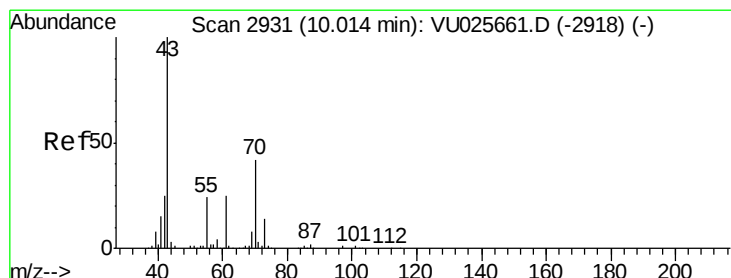
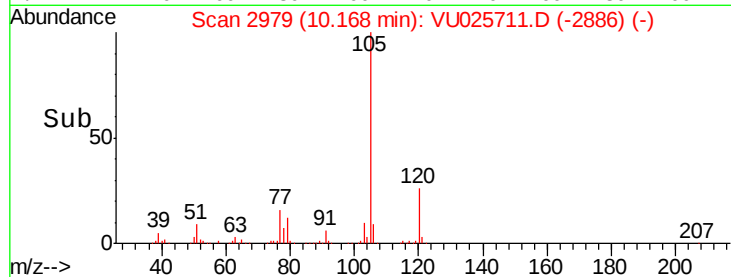
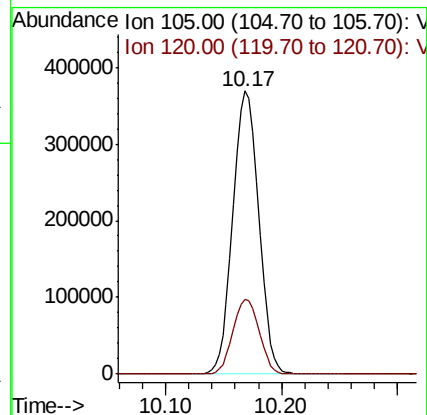
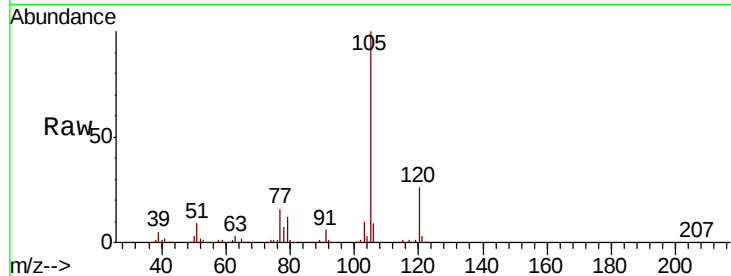
120 26.8 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.83 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Tgt Ion: 43 Resp: 229510

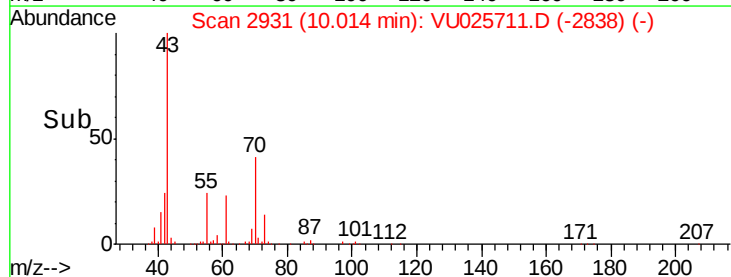
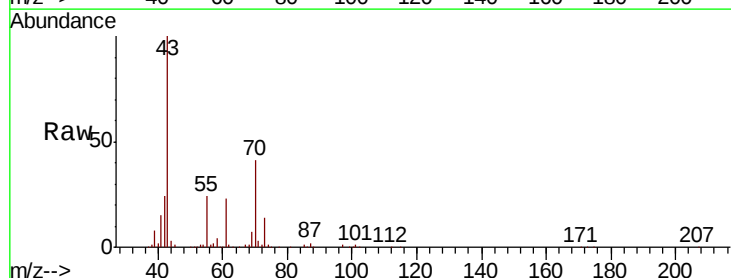
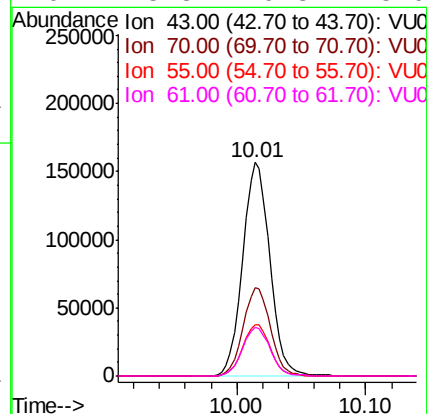
Ion Ratio Lower Upper

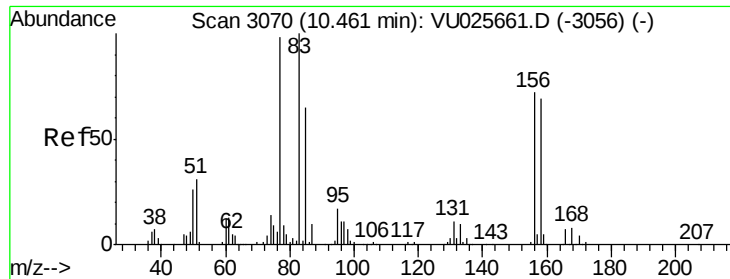
43 100

70 41.5 33.4 50.2

55 24.6 19.0 28.6

61 23.3 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 45.51 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

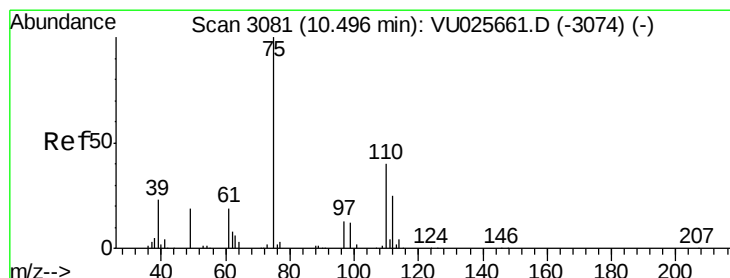
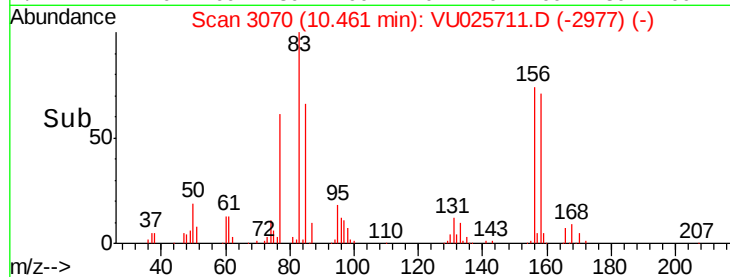
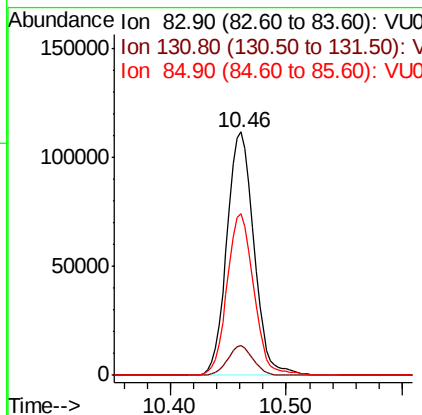
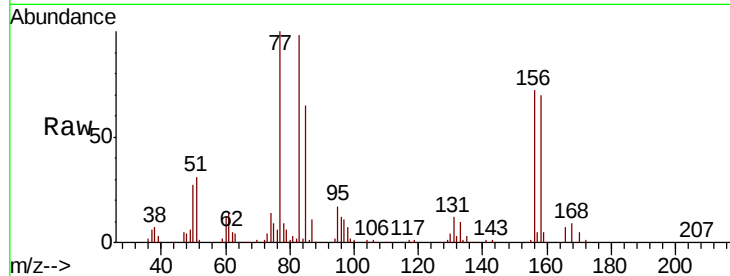
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	181182
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.4
85	65.6	31.6	94.8

Manual Integrations
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7/31/2018 3:50:42 PM



#76

1,2,3-Trichloropropane

Concen: 42.88 ug/l m

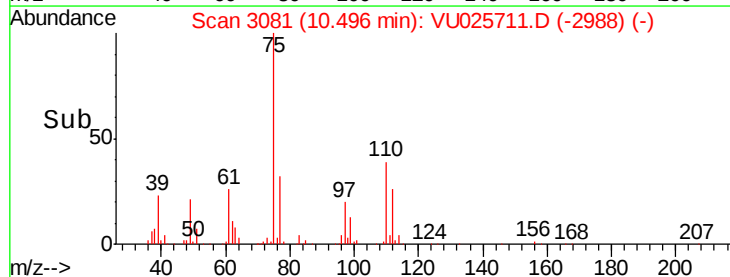
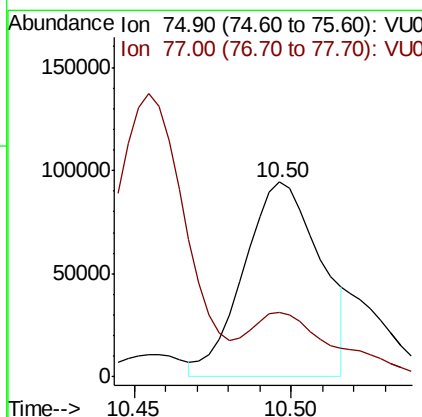
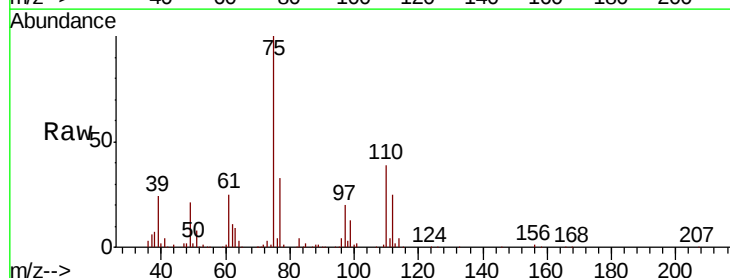
RT: 10.50 min Scan# 3081

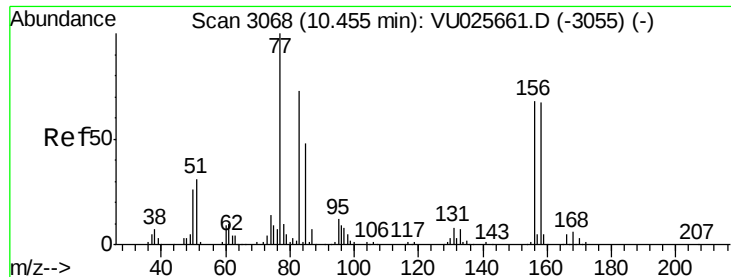
Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Tgt Ion:	75	Resp:	159378
Ion Ratio	Lower	Upper	
75	100		
77	36.7	20.4	61.3





#77

Bromobenzene

Concen: 47.29 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

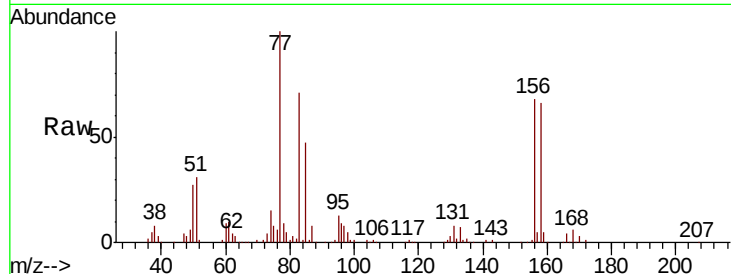
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	150183
Ion Ratio	Lower	Upper	
156	100		
77	146.3	73.8	221.4
158	96.9	48.0	144.0

Manual Integrations
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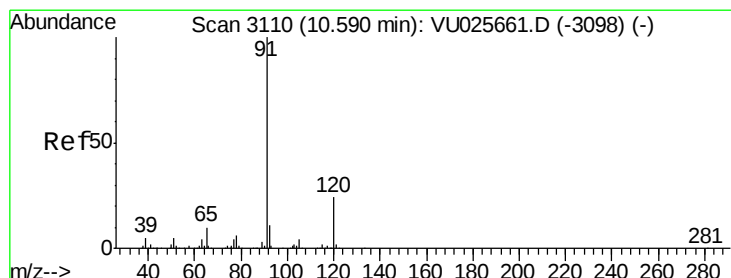
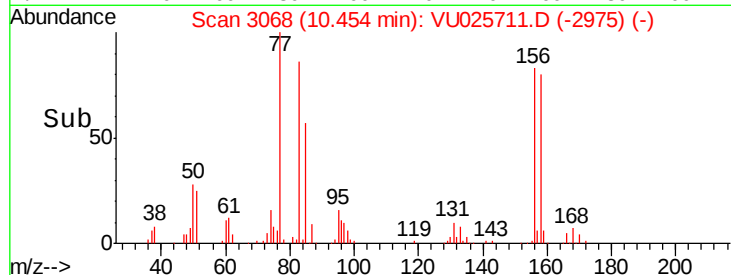
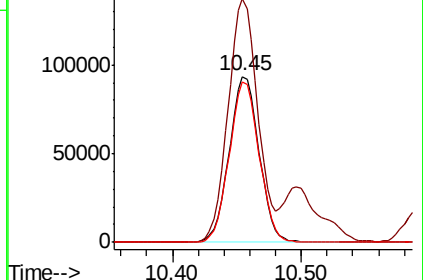
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.50 ug/l

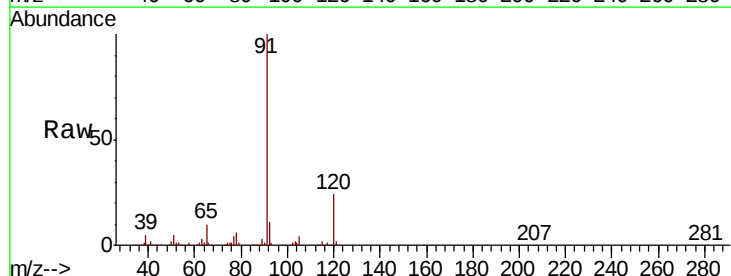
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025711.D

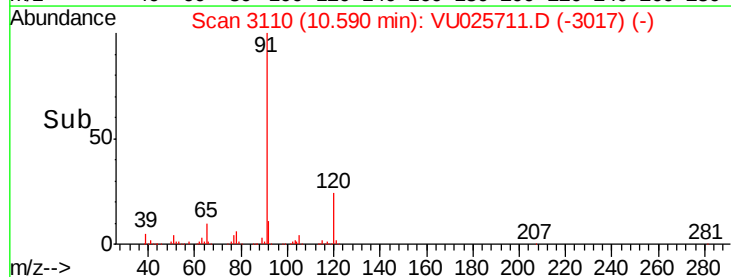
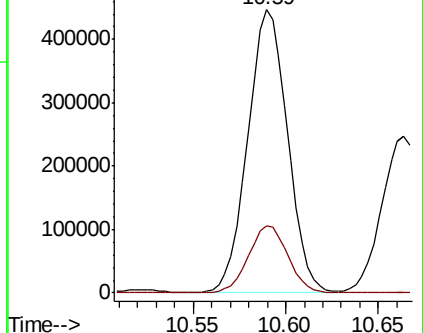
Acq: 28 Jul 2018 08:28

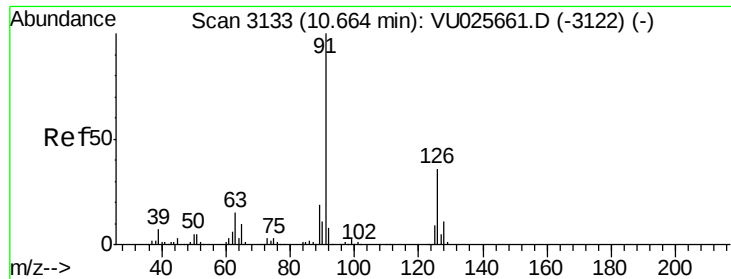
Tgt Ion:	91	Resp:	665147
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





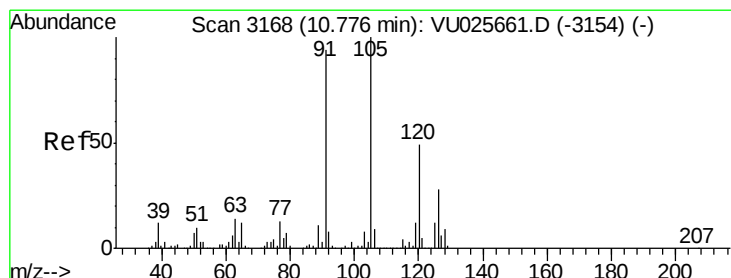
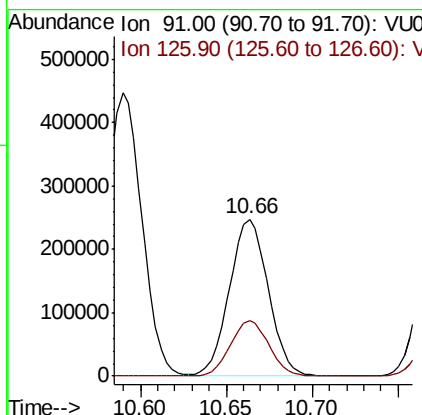
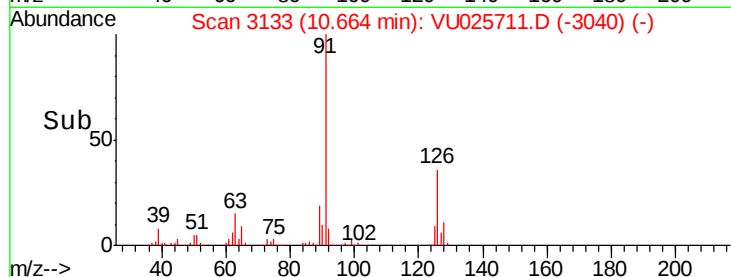
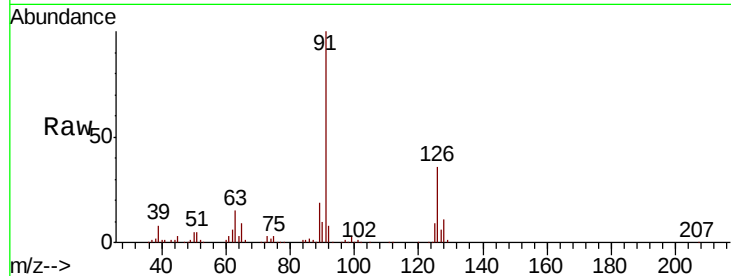
#79
 2-Chlorotoluene
 Concen: 48.94 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 91 Resp: 385173
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.6

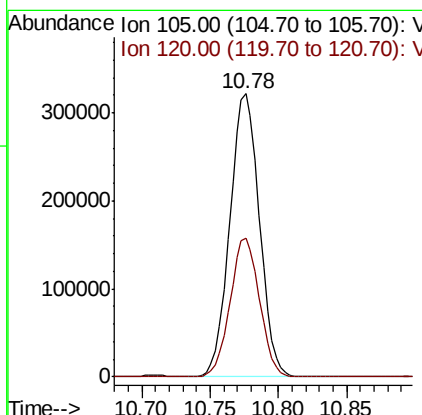
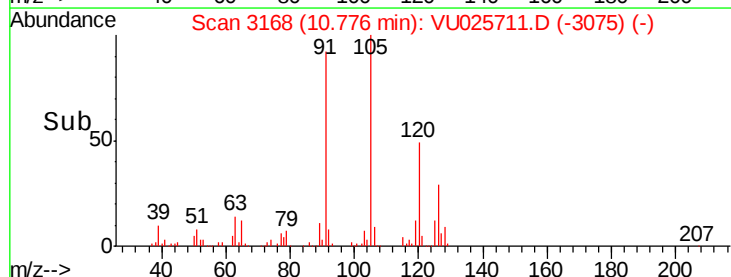
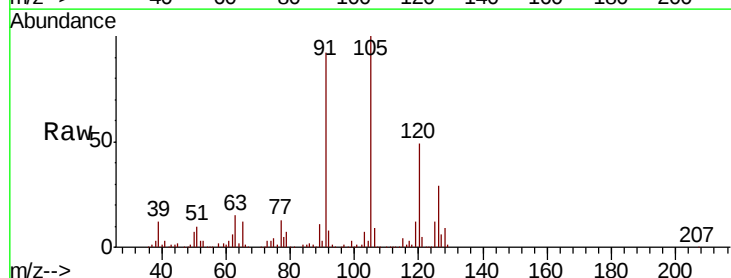
Manual Integrations
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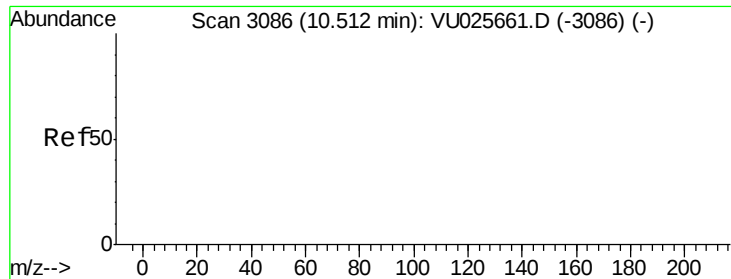
MMDadoda
 7/31/2018 3:50:42 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.53 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Tgt Ion: 105 Resp: 484252
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2





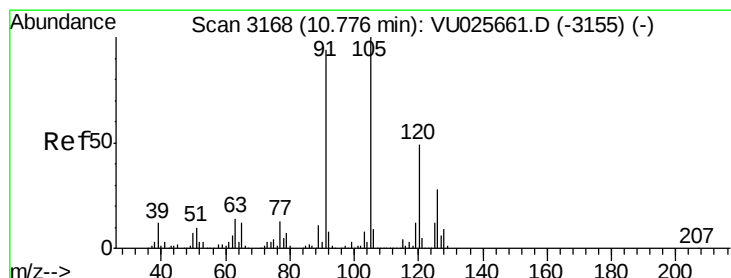
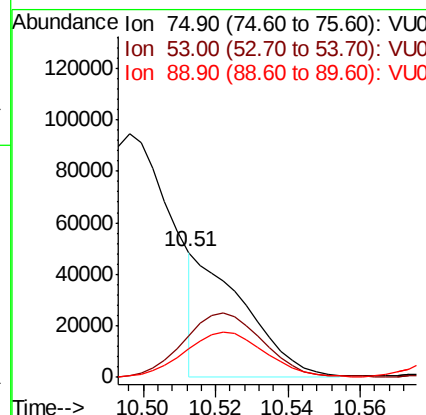
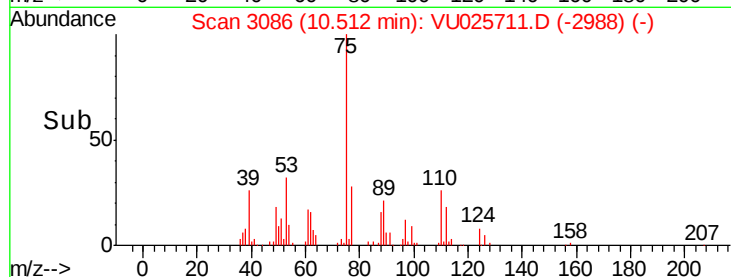
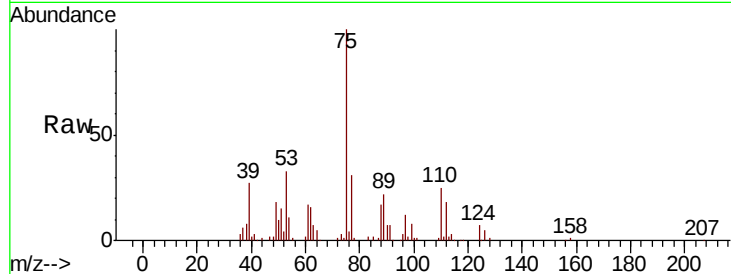
#81
trans-1,4-Dichloro-2-butene
Concen: 31.69 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.02 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

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

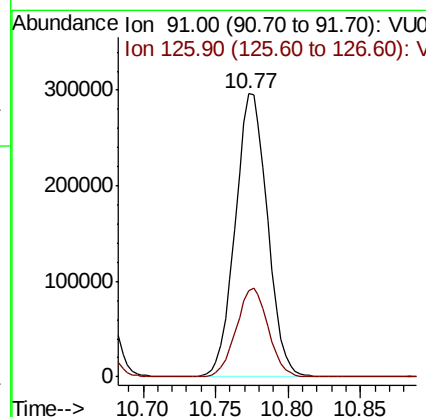
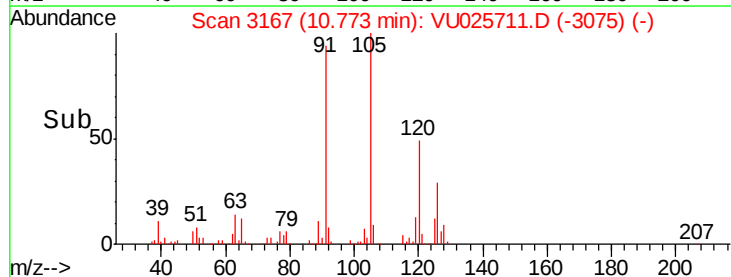
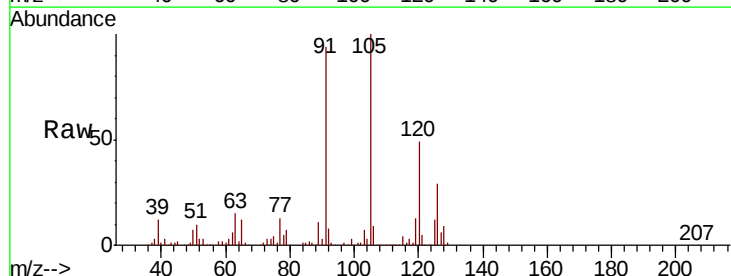
Manual Integrations
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#82
4-Chlorotoluene
Concen: 49.10 ug/l
RT: 10.77 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.3	45.9





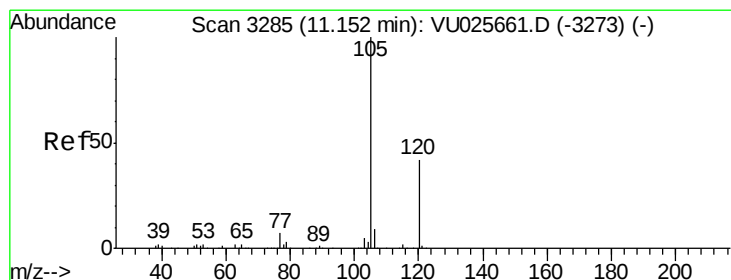
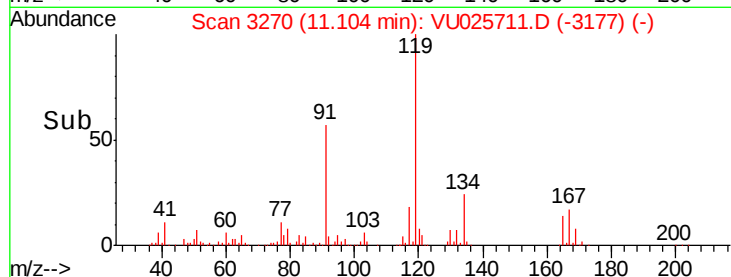
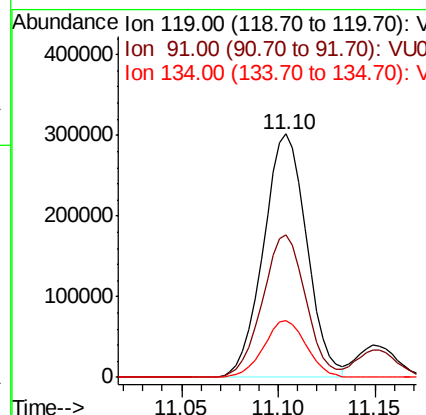
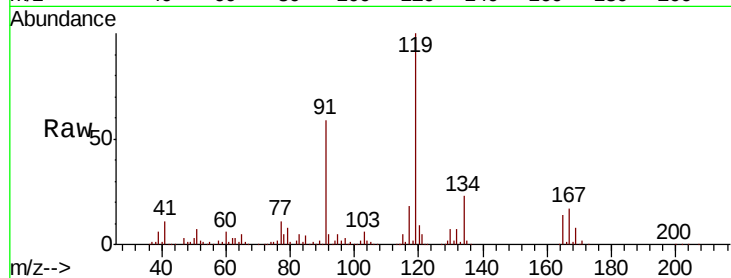
#83
 tert-Butylbenzene
 Concen: 48.35 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	469679		
91	58.2	29.7	89.1	
134	23.1	11.5	34.5	

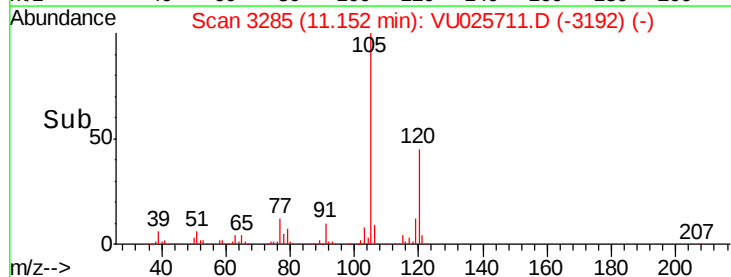
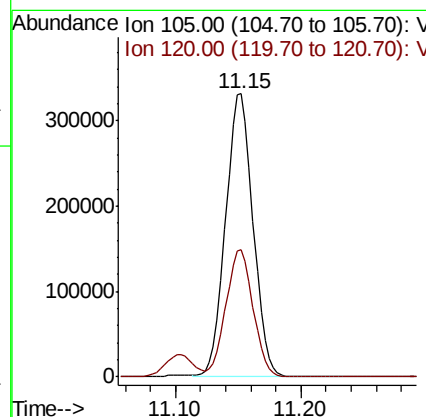
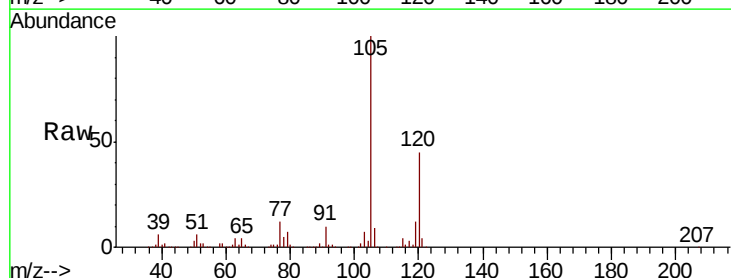
Manual Integrations
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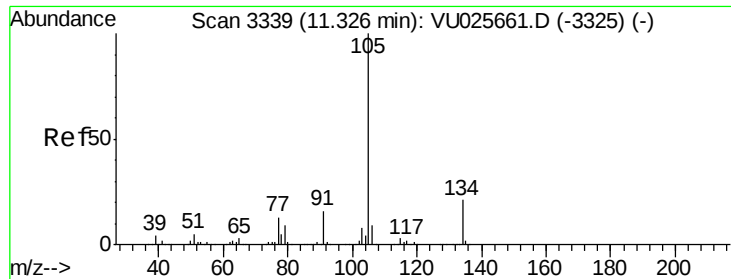
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.01 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	505377		
120	44.8	22.3	66.8	





#85

sec-Butylbenzene

Concen: 49.08 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 582192

Ion Ratio Lower Upper

105 100

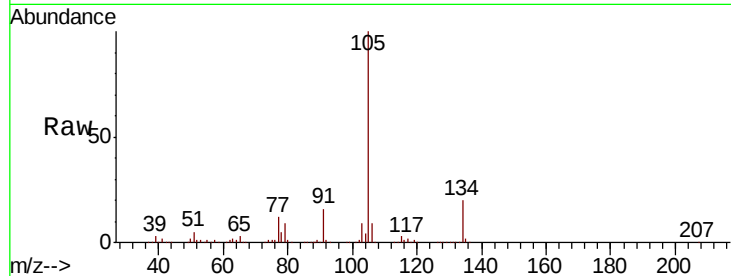
134 20.4 10.3 30.8

Manual Integrations

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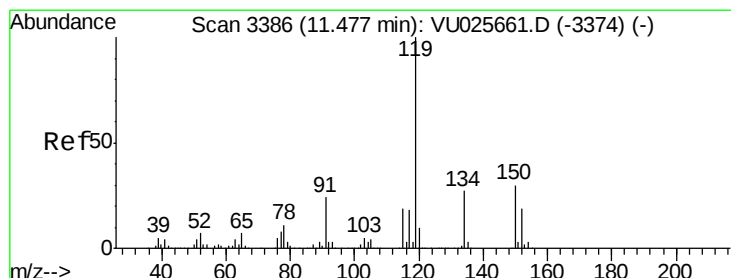
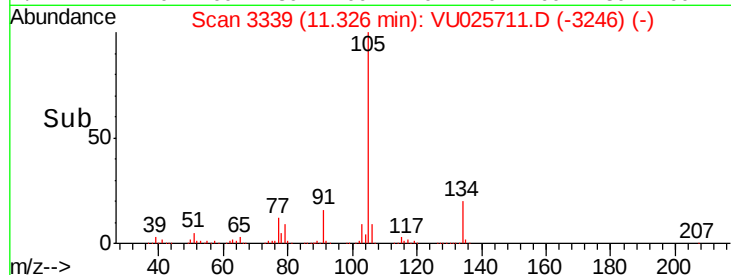
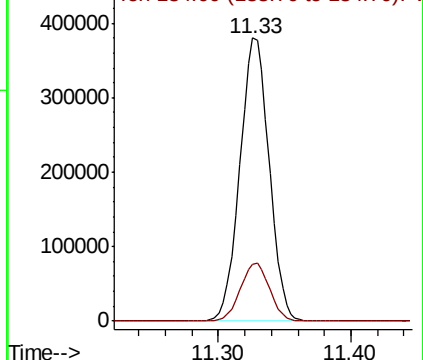
MMDadoda

7/31/2018 3:50:42 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.05 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

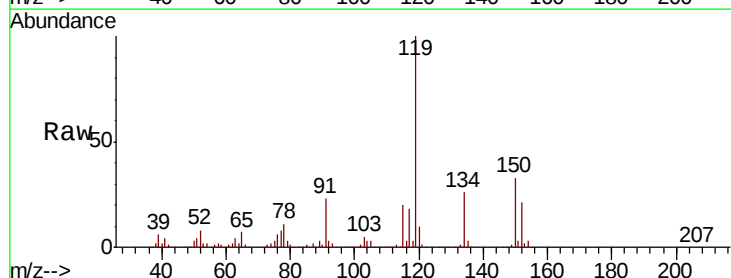
Tgt Ion:119 Resp: 520924

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

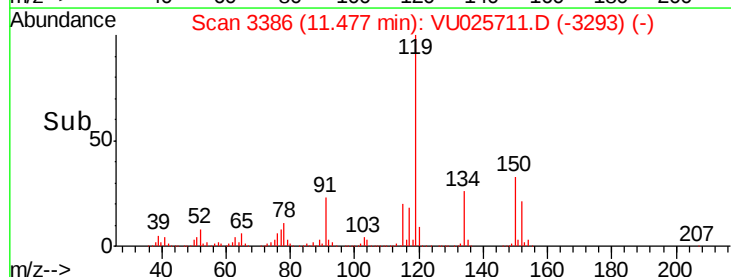
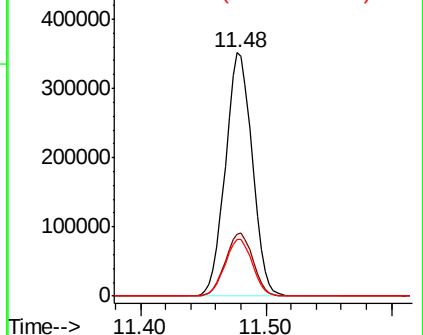
91 23.8 12.0 36.1

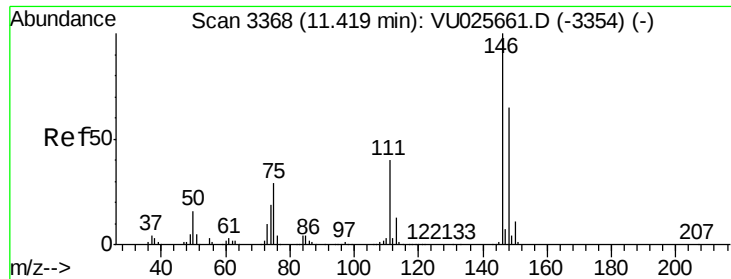


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU





#87

1,3-Dichlorobenzene

Concen: 47.54 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Instrument :

MSVOA_U

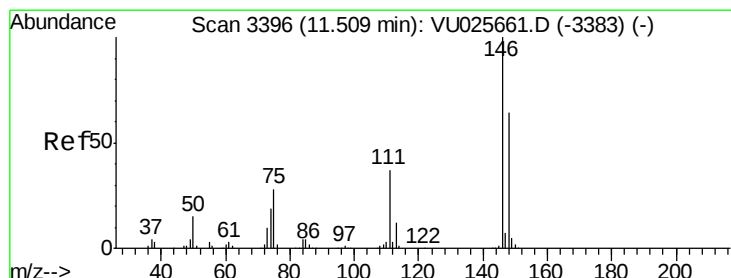
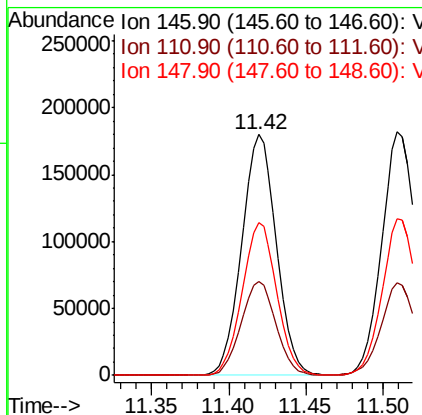
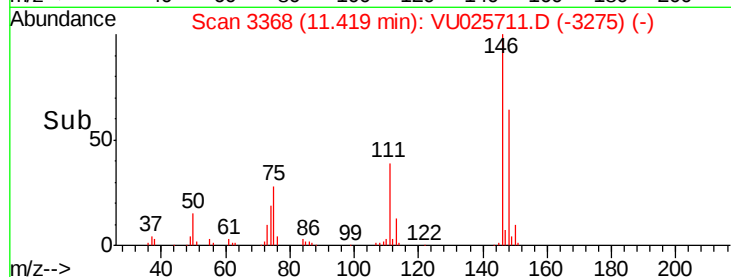
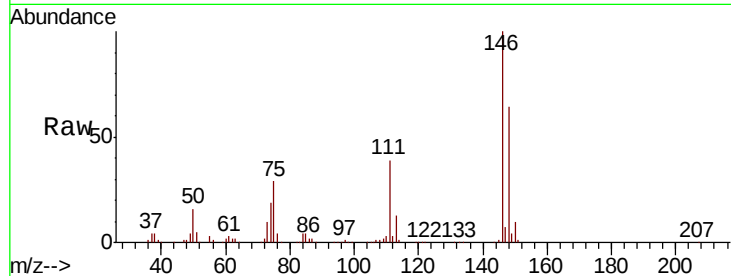
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	280218
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.7	59.1
148	63.3	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.09 ug/l

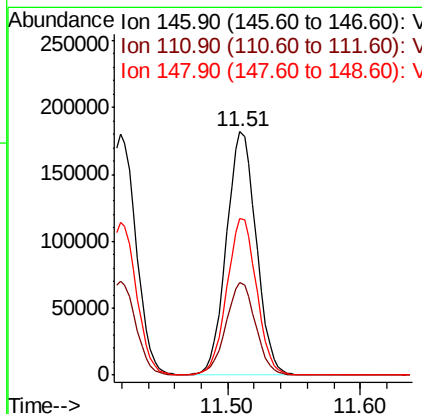
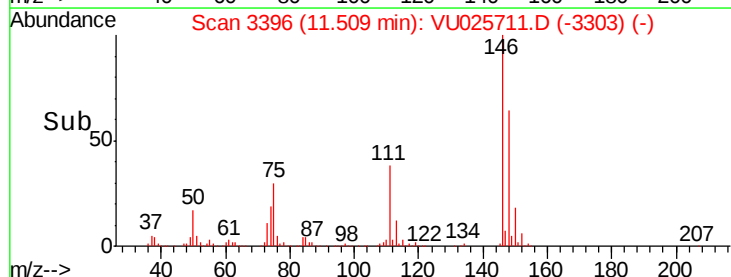
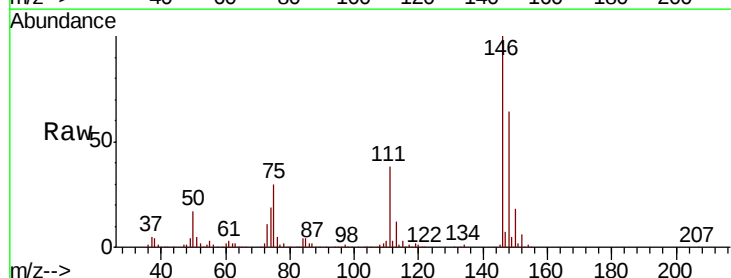
RT: 11.51 min Scan# 3396

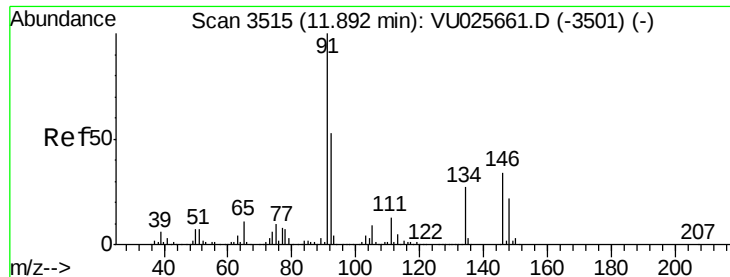
Delta R.T. 0.00 min

Lab File: VU025711.D

Acq: 28 Jul 2018 08:28

Tgt Ion:	146	Resp:	283224
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.4	58.1
148	64.4	31.7	95.1





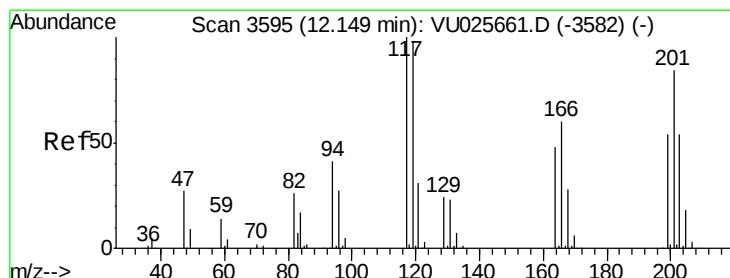
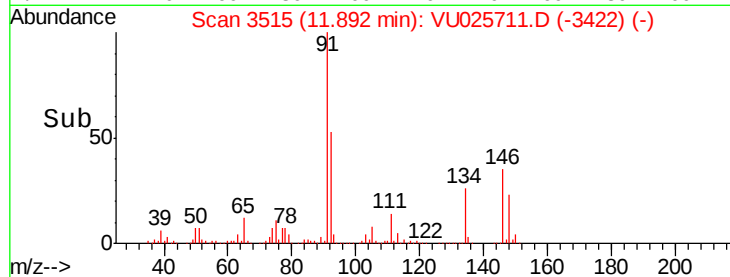
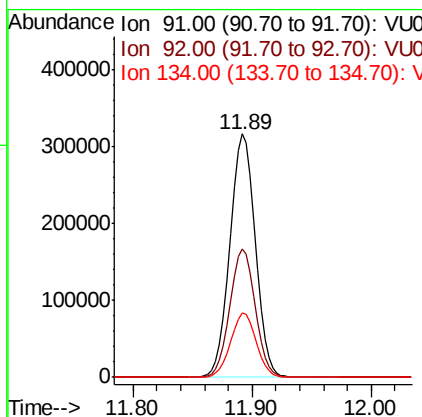
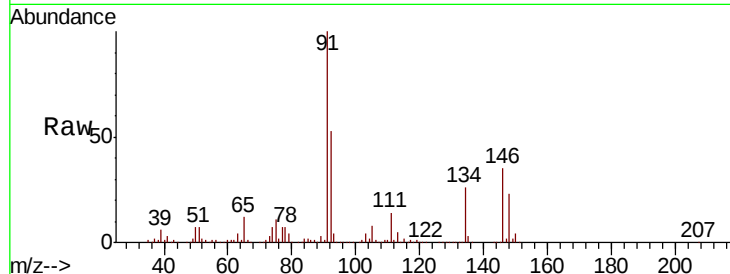
#89
n-Butylbenzene
Concen: 47.71 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.5	79.5
134	26.8	13.6	40.7

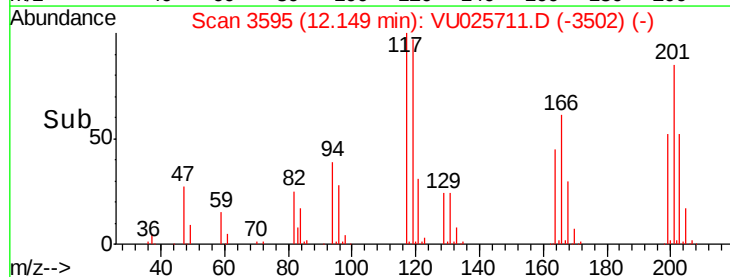
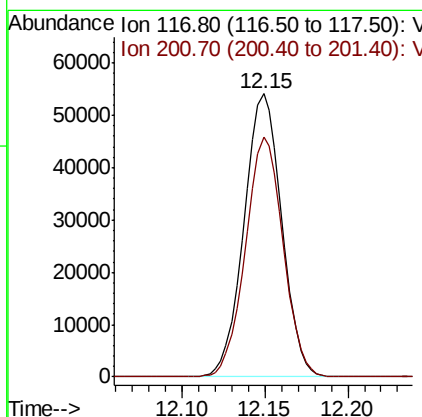
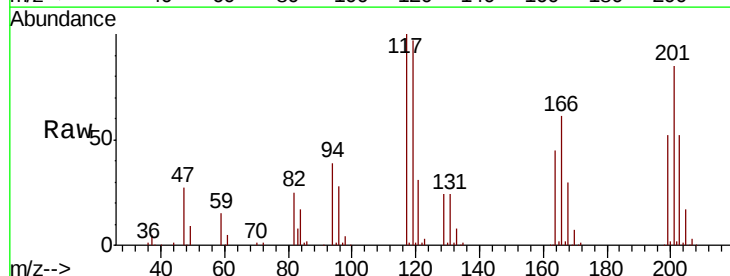
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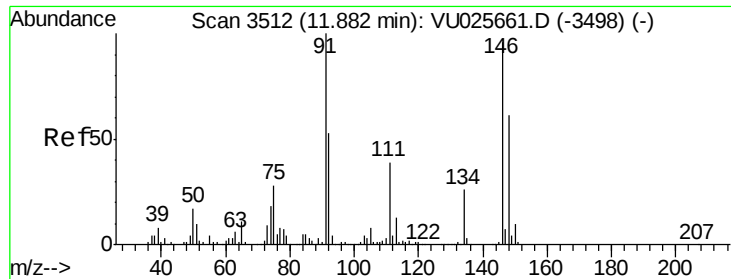
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#90
Hexachloroethane
Concen: 45.26 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.7	42.5	127.6





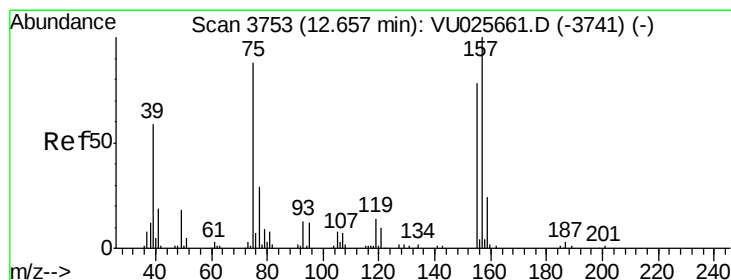
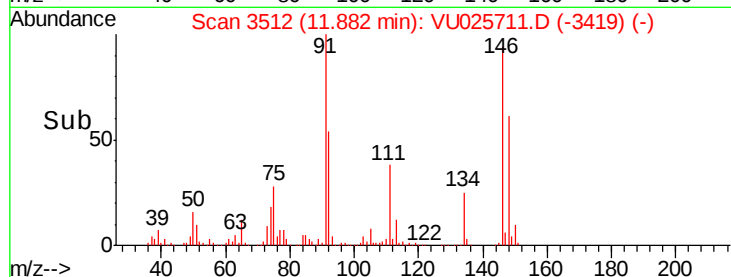
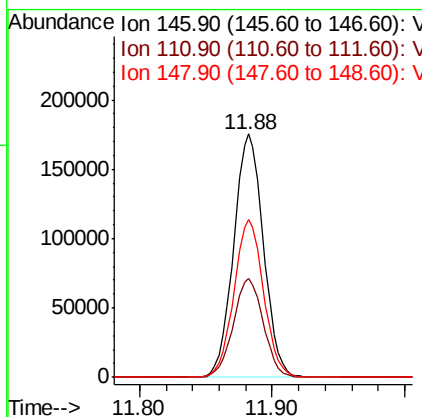
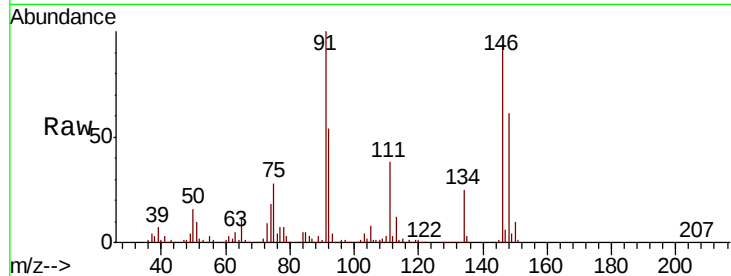
#91
 1,2-Dichlorobenzene
 Concen: 47.32 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	64.4	31.5	94.5

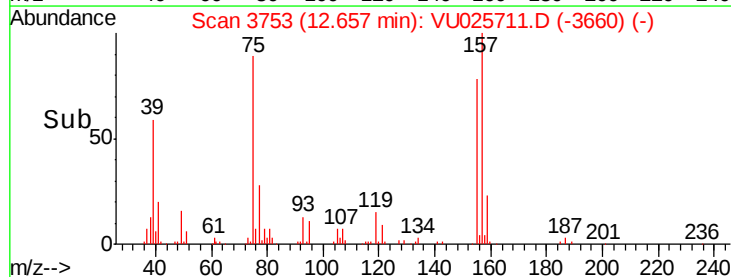
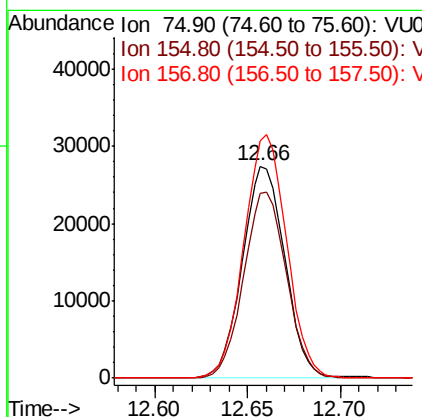
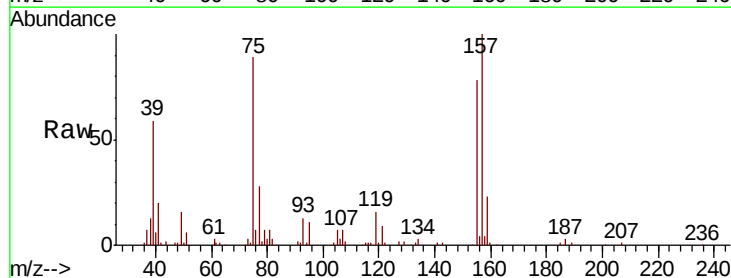
Manual Integrations
 APPROVED

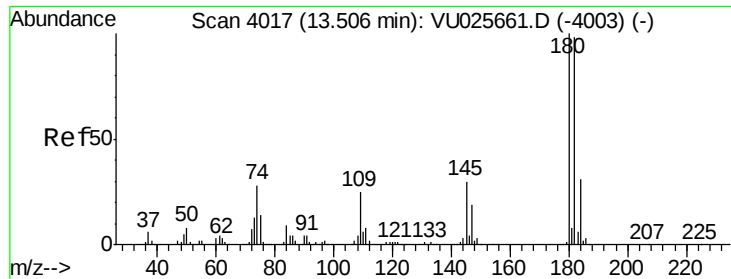
MMDadoda
 7/31/2018 3:50:42 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.24 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	44.5	133.3
157	115.4	57.0	170.8





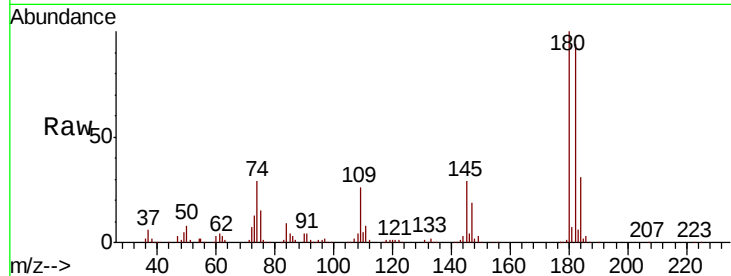
#93
 1,2,4-Trichlorobenzene
 Concen: 49.08 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	29.8	14.9	44.7

Manual Integrations
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MMDadoda
 7/31/2018 3:50:42 PM

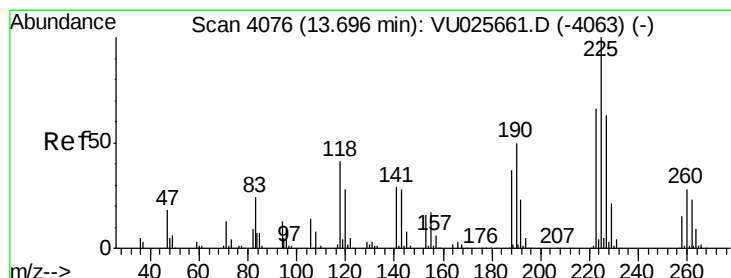
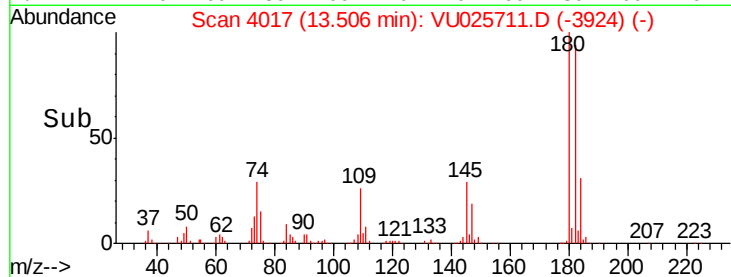
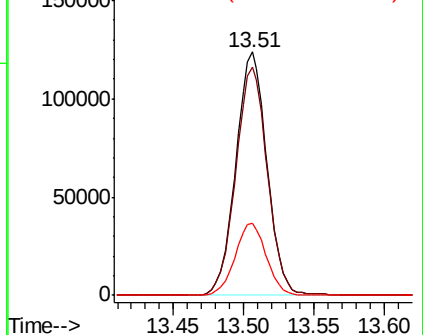


Abundance

Ion 179.80 (179.50 to 180.50): V

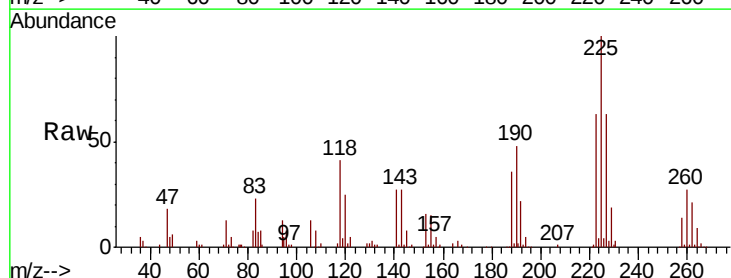
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 43.91 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025711.D
 Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.7
227	63.5	32.3	96.9

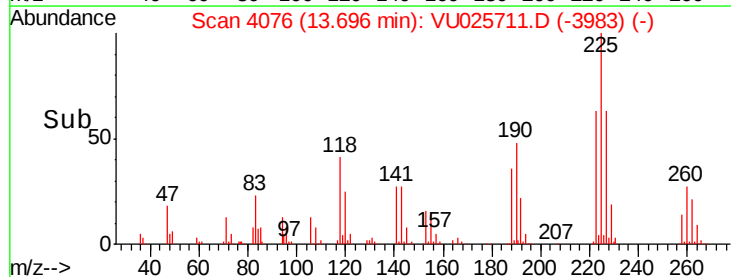
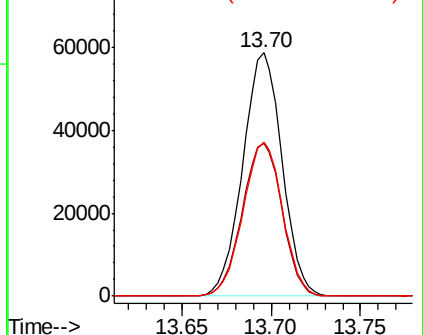


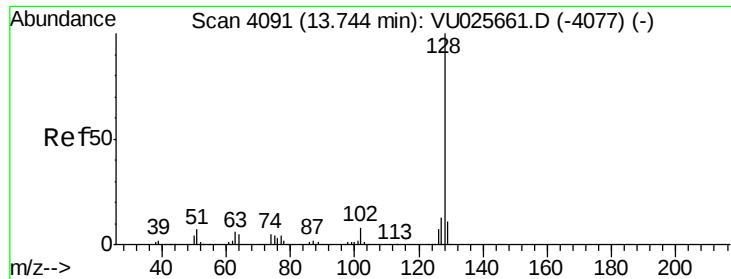
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





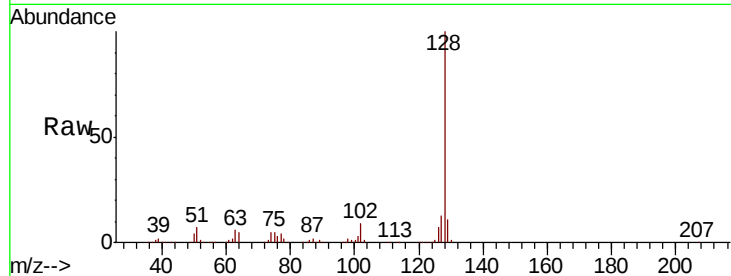
#95
Naphthalene
Concen: 46.02 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
7/31/2018 3:50:42 PM

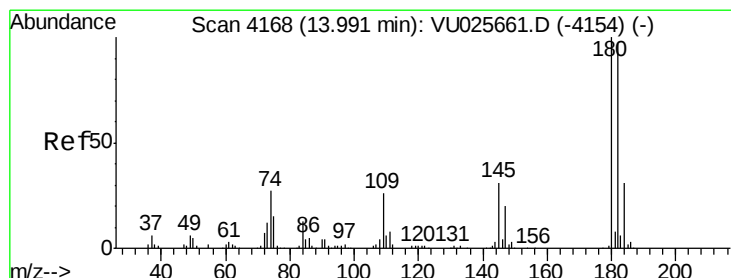
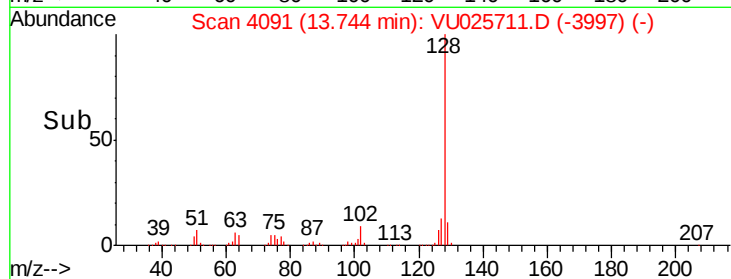
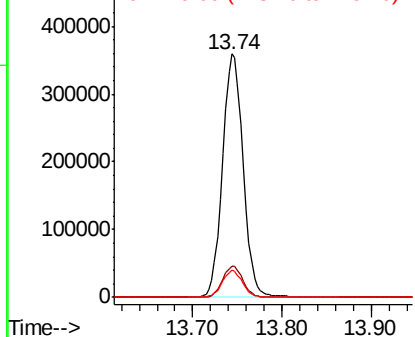


Abundance

Ion 128.00 (127.70 to 128.70): V

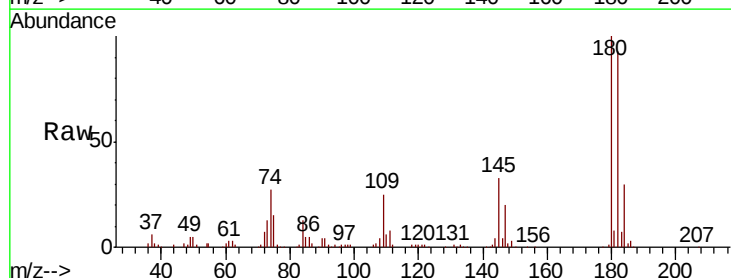
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.95 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025711.D
Acq: 28 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	32.0	15.6	46.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

