

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101018\
 Data File : VU027526.D
 Acq On : 09 Oct 2018 17:09
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 9:01:16 AM

Quant Time: Oct 10 06:39:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	109759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	180965	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	169239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	88819	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	86592	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	4.88	113	61249	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	7.57	98	234511	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	10.31	95	86930	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	80537	50.895	ug/l	99
3) Chloromethane	1.33	50	97504	45.512	ug/l	99
4) Vinyl Chloride	1.40	62	96461	47.898	ug/l	99
5) Bromomethane	1.61	94	54416	62.446	ug/l	99
6) Chloroethane	1.69	64	56782	46.922	ug/l	97
7) Trichlorofluoromethane	1.88	101	100525	49.196	ug/l	100
8) Diethyl Ether	2.10	74	43529	46.245	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	59223	49.907	ug/l	99
10) Methyl Iodide	2.41	142	36161	37.351	ug/l	98
11) Tert butyl alcohol	2.83	59	96226	249.320	ug/l	99
12) 1,1-Dichloroethene	2.28	96	53615	46.244	ug/l	98
13) Acrolein	2.20	56	32764	101.169	ug/l	100
14) Allyl chloride	2.59	41	126873	46.083	ug/l	98
15) Acrylonitrile	2.94	53	248575	247.453	ug/l	100
16) Acetone	2.32	43	259456	239.630	ug/l	98
17) Carbon Disulfide	2.48	76	166191	39.745	ug/l	99
18) Methyl Acetate	2.62	43	137609	55.712	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	218197	46.970	ug/l	98
20) Methylene Chloride	2.70	84	66694	44.221	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	58069	44.612	ug/l	97
22) Diisopropyl ether	3.57	45	277137	49.526	ug/l	97
23) Vinyl Acetate	3.52	43	1186604	242.816	ug/l	99
24) 1,1-Dichloroethane	3.45	63	139376	48.450	ug/l	99
25) 2-Butanone	4.26	43	391277	265.006	ug/l	100
26) 2,2-Dichloropropane	4.23	77	114865	48.594	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	71168	47.811	ug/l	98
28) Bromochloromethane	4.55	49	73892	53.241	ug/l	100
29) Tetrahydrofuran	4.64	42	242734	260.864	ug/l	100
30) Chloroform	4.67	83	128814	50.400	ug/l	100
31) Cyclohexane	5.00	56	131594	44.743	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	106637	49.540	ug/l	98
36) 1,1-Dichloropropene	5.14	75	97973	49.862	ug/l	99
37) Ethyl Acetate	4.38	43	136309	53.678	ug/l	98
38) Carbon Tetrachloride	5.13	117	90988	51.264	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	112365	48.921	ug/l	99
40) Benzene	5.39	78	288278	50.368	ug/l	99
41) Methacrylonitrile	4.54	41	75988	52.942	ug/l	99
42) 1,2-Dichloroethane	5.40	62	111482	52.475	ug/l	99
43) Isopropyl Acetate	5.55	43	204425	51.832	ug/l	100
44) Trichloroethene	6.19	130	62048	48.619	ug/l	93
45) 1,2-Dichloropropane	6.43	63	85256	51.644	ug/l	96
46) Dibromomethane	6.56	93	48415	51.927	ug/l	99
47) Bromodichloromethane	6.76	83	100588	51.993	ug/l	99
48) Methyl methacrylate	6.62	41	105597	53.841	ug/l	99
49) 1,4-Dioxane	6.61	88	40049	1186.800	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	699355	272.884	ug/l	100
52) Toluene	7.64	92	171029	50.486	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	114747	50.586	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	125819	51.596	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	70056	52.158	ug/l	99
56) Ethyl methacrylate	8.02	69	115397	45.098	ug/l	97
57) 1,3-Dichloropropane	8.24	76	133004	51.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	333647	236.662	ug/l	100
59) 2-Hexanone	8.36	43	557116	280.233	ug/l	99
60) Dibromochloromethane	8.48	129	71688	53.216	ug/l	97
61) 1,2-Dibromoethane	8.59	107	72229	50.578	ug/l	100
64) Tetrachloroethene	8.23	164	52743	50.063	ug/l	98
65) Chlorobenzene	9.12	112	175928	49.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	63943	51.995	ug/l	99
67) Ethyl Benzene	9.25	91	321903	51.003	ug/l	100
68) m/p-Xylenes	9.38	106	242515	105.046	ug/l	99
69) o-Xylene	9.78	106	115281	52.546	ug/l	99
70) Styrene	9.79	104	195349	47.744	ug/l	100
71) Bromoform	9.96	173	51569	52.120	ug/l #	99
73) Isopropylbenzene	10.17	105	317675	49.246	ug/l	100
74) N-amyl acetate	10.02	43	180782	48.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	124051	48.975	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	107403m	46.648	ug/l	
77) Bromobenzene	10.45	156	72863	48.602	ug/l	98
78) n-propylbenzene	10.59	91	390437	50.370	ug/l	99
79) 2-Chlorotoluene	10.66	91	225582	48.199	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	270322	51.471	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	43052m	48.937	ug/l	
82) 4-Chlorotoluene	10.77	91	264164	49.737	ug/l	99
83) tert-Butylbenzene	11.10	119	254650	50.155	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	275728	51.396	ug/l	99
85) sec-Butylbenzene	11.32	105	325988	50.958	ug/l	100
86) p-Isopropyltoluene	11.48	119	281551	51.403	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	138207	48.685	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	138152	47.624	ug/l	99
89) n-Butylbenzene	11.89	91	266756	46.054	ug/l	100
90) Hexachloroethane	12.15	117	50901	49.302	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	135896	49.180	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28795	51.294	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	90752	50.757	ug/l	99
94) Hexachlorobutadiene	13.69	225	45759	50.654	ug/l	98
95) Naphthalene	13.74	128	315572	47.095	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	96385	51.743	ug/l	99

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

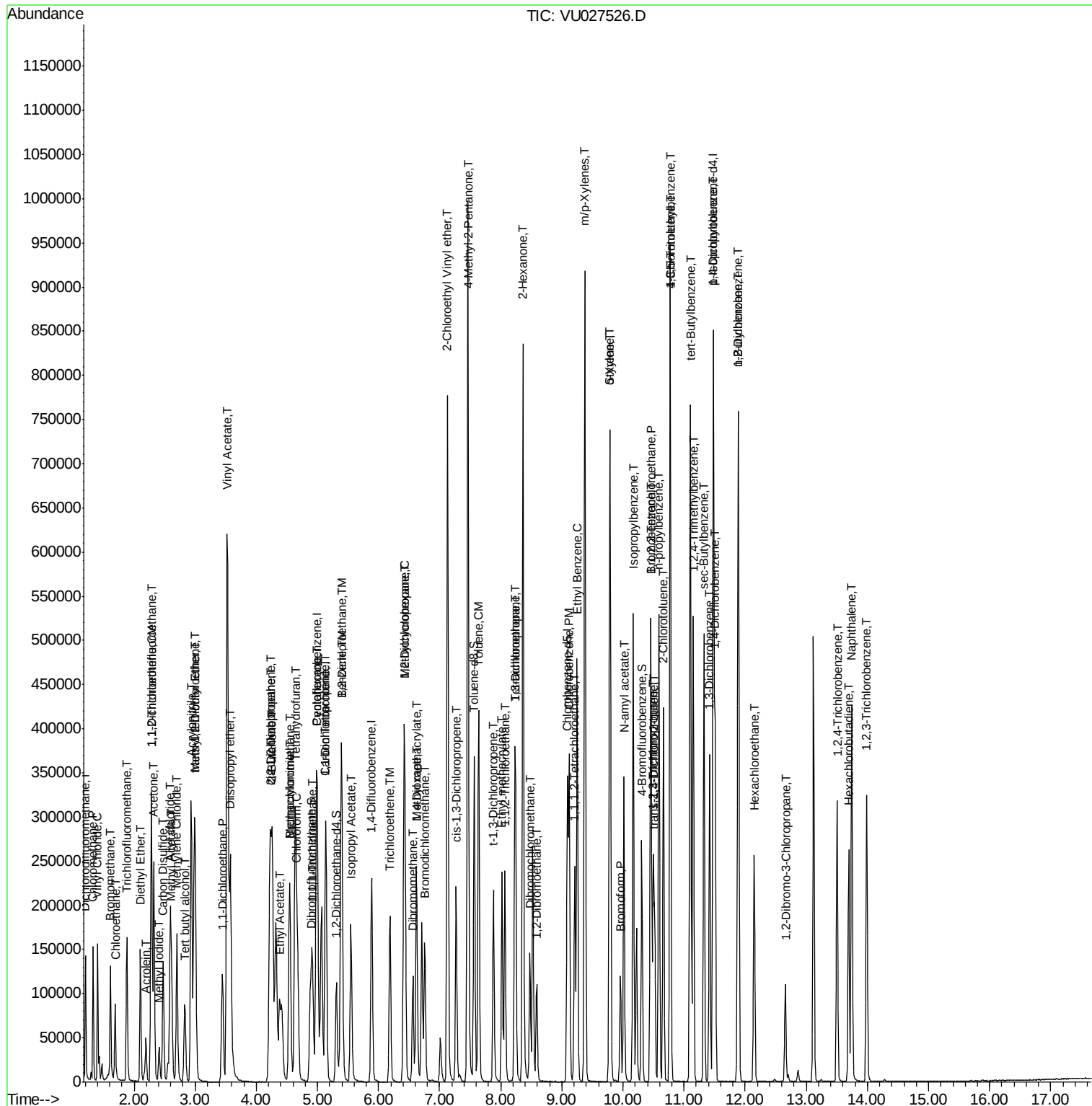
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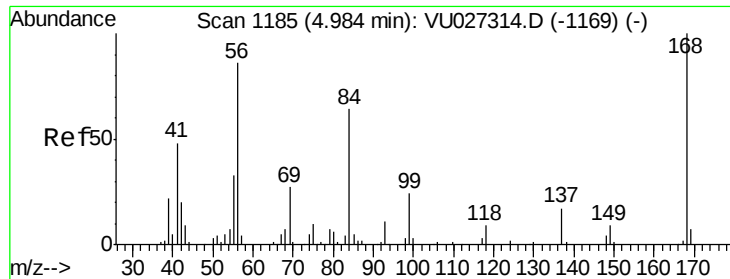
Instrument :
MSVOA_U
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 109759

Ion Ratio Lower Upper

168 100

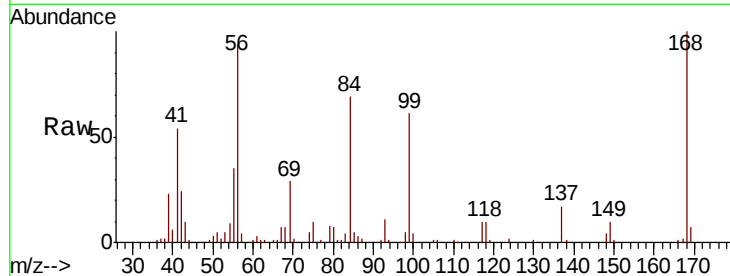
99 60.8 50.8 76.2

Manual Integrations

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10/11/2018 9:01:16 AM



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

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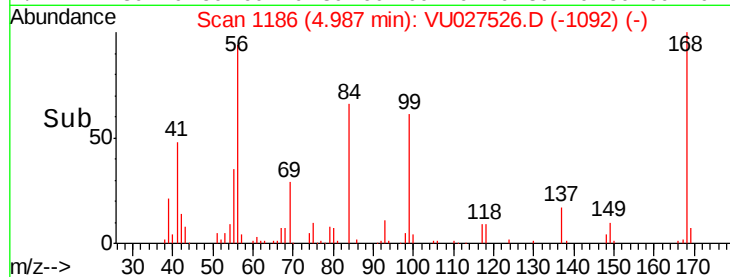
4.99

4.99

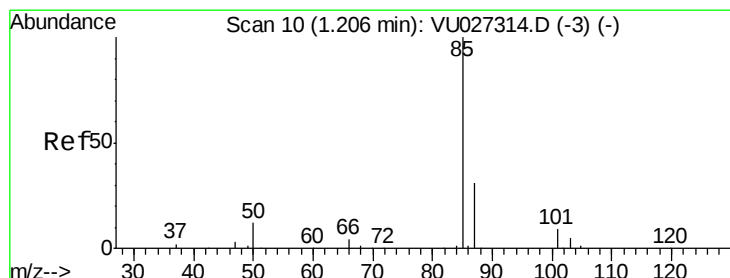
4.99

4.99

4.99



Time-->



#2

Dichlorodifluoromethane

Concen: 50.895 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027526.D

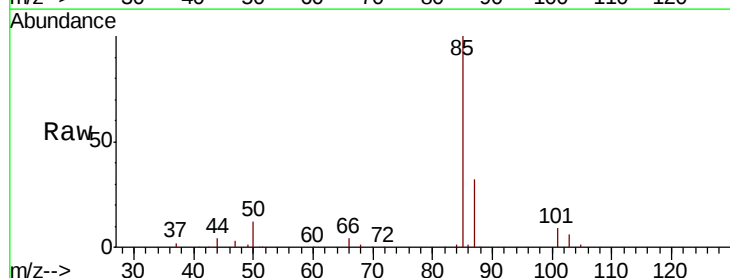
Acq: 09 Oct 2018 17:09

Tgt Ion: 85 Resp: 80537

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)

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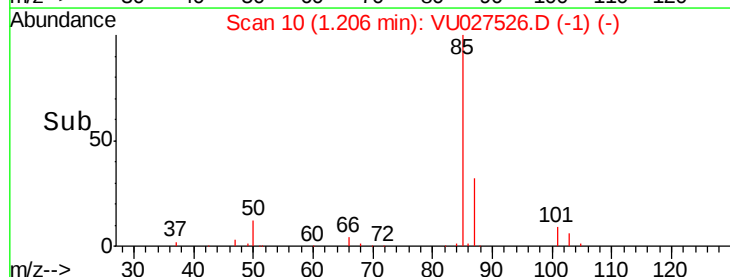
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1.21

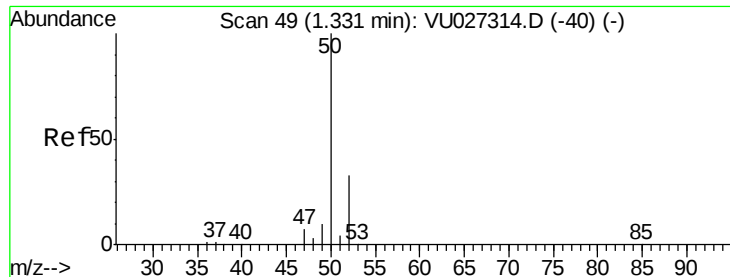
1.21

1.21

1.21



Time-->



#3

Chloromethane

Concen: 45.512 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 97504

Ion Ratio Lower Upper

50 100

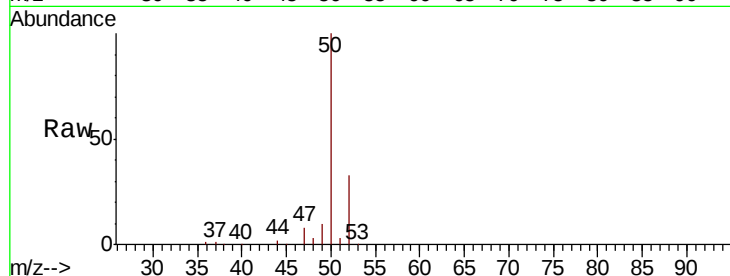
52 32.6 26.5 39.7

Manual Integrations

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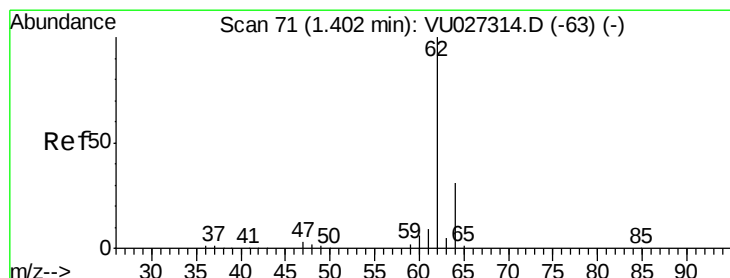
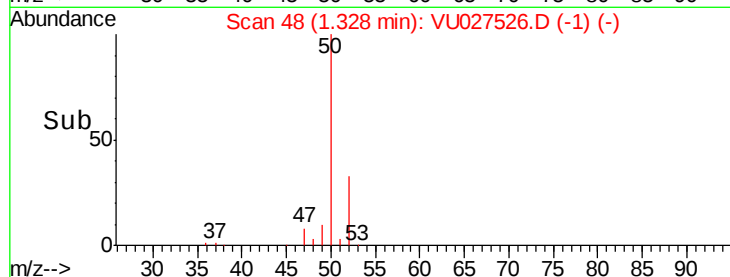
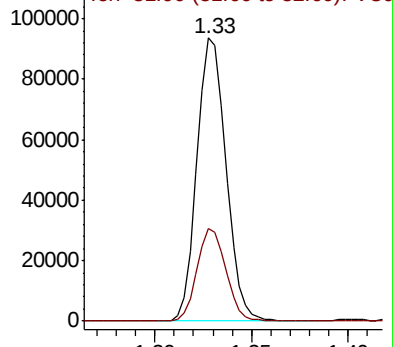
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10/11/2018 9:01:16 AM



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.898 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027526.D

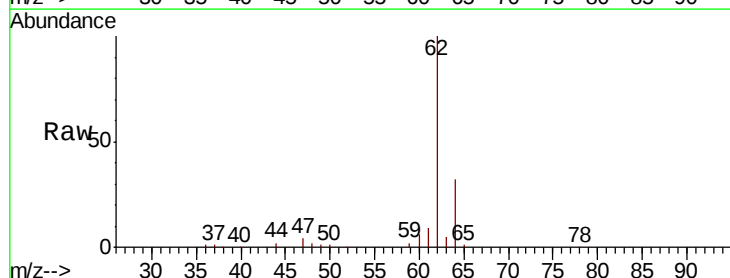
Acq: 09 Oct 2018 17:09

Tgt Ion: 62 Resp: 96461

Ion Ratio Lower Upper

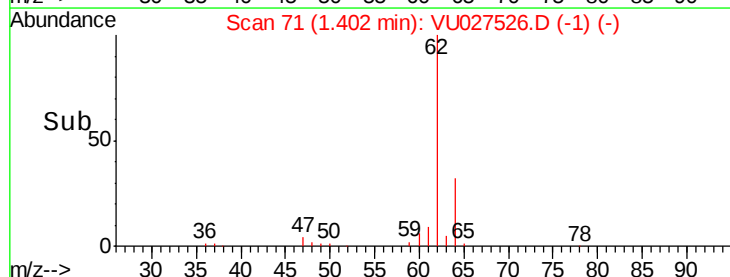
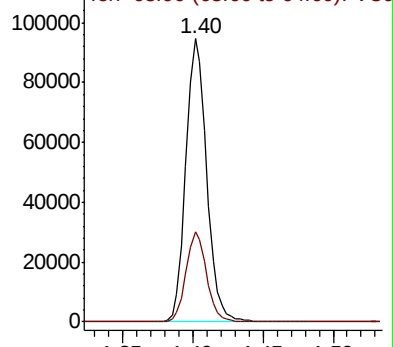
62 100

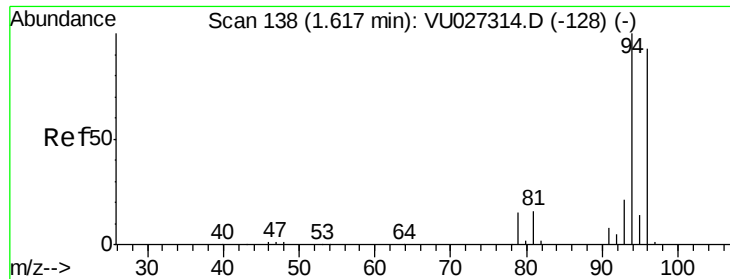
64 31.8 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 62.446 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

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Tgt Ion: 94 Resp: 54416

Ion Ratio Lower Upper

94 100

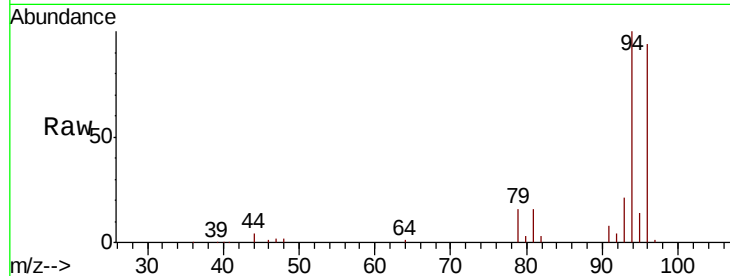
96 94.0 74.6 111.8

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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.61

50000

40000

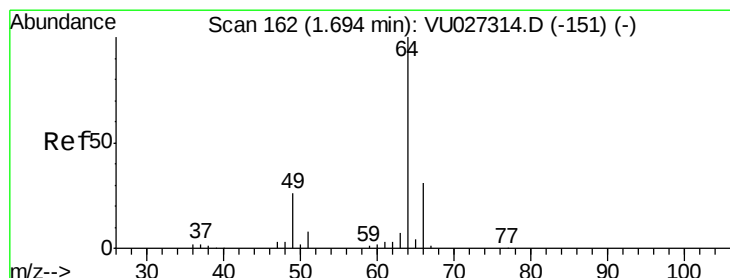
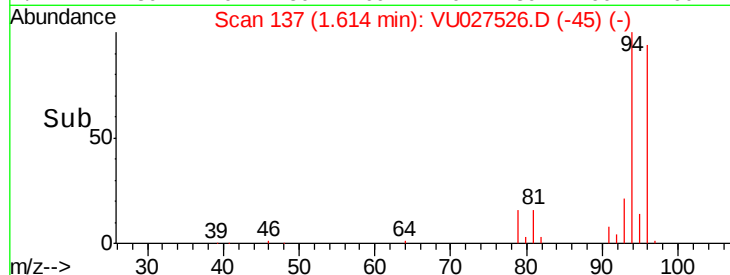
30000

20000

10000

0

Time--> 1.55 1.60 1.65



#6

Chloroethane

Concen: 46.922 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027526.D

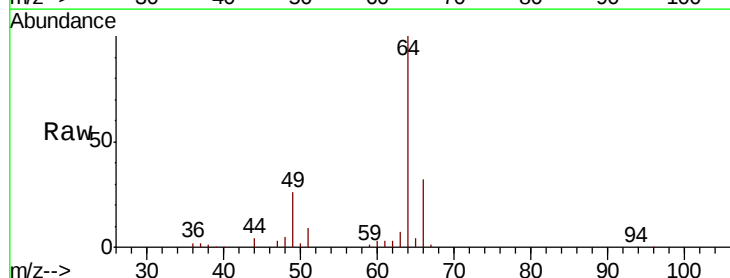
Acq: 09 Oct 2018 17:09

Tgt Ion: 64 Resp: 56782

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.69

50000

40000

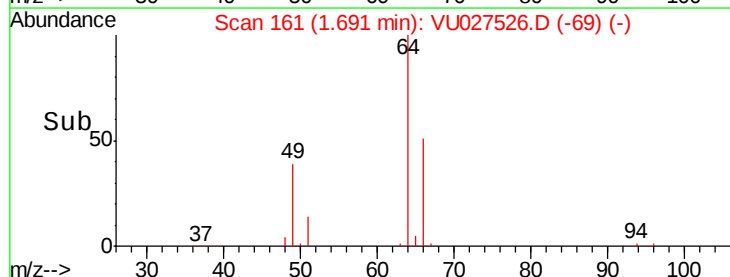
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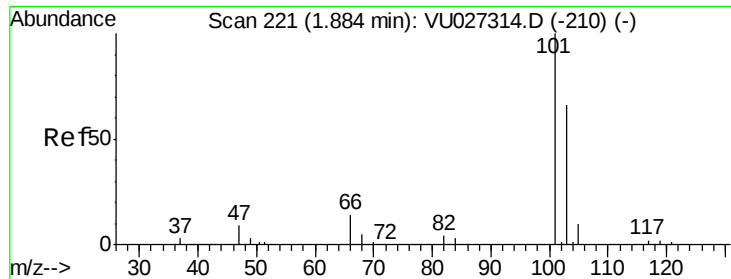
20000

10000

0

Time--> 1.60 1.65 1.70 1.75 1.80





#7

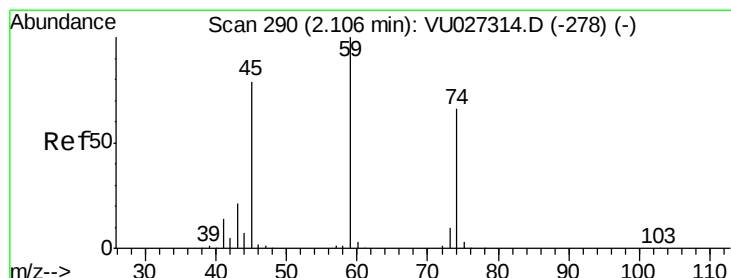
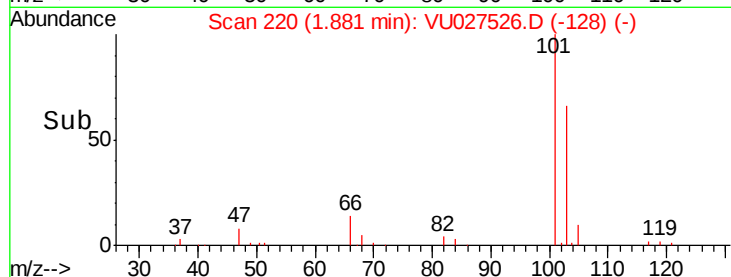
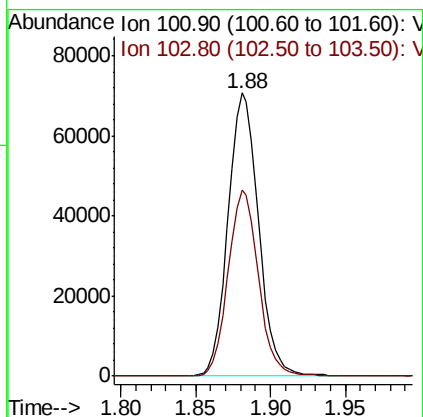
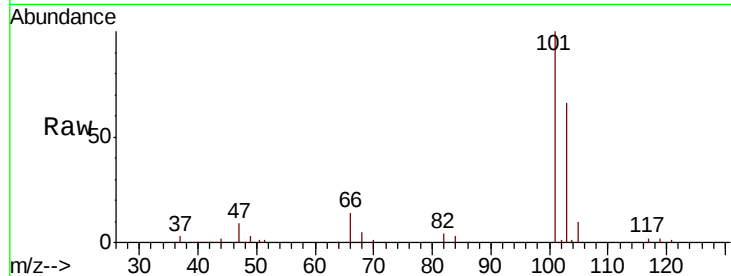
Trichlorofluoromethane
Concen: 49.196 ug/l
RT: 1.88 min Scan# 220
Delta R.T. -0.00 min
Lab File: VU027526.D
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Tgt Ion: 101 Resp: 100525
Ion Ratio Lower Upper
101 100
103 65.6 52.6 78.8

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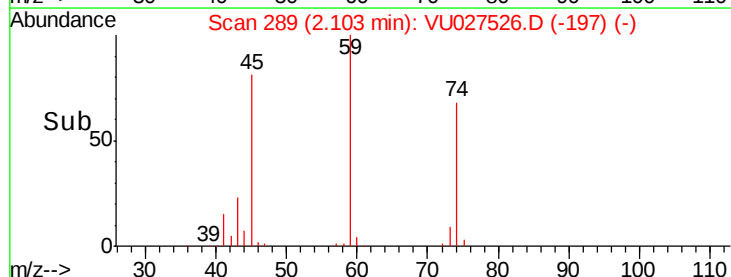
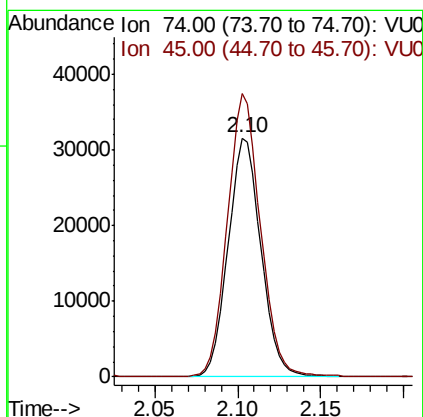
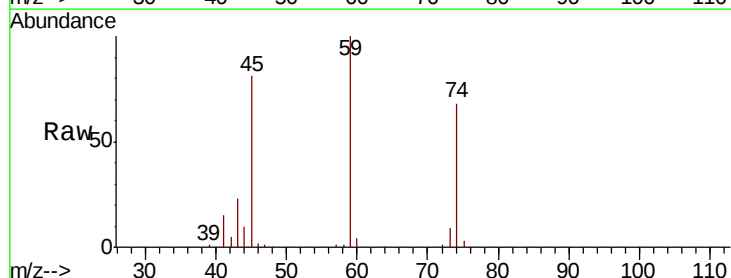
MMDadoda
10/11/2018 9:01:16 AM

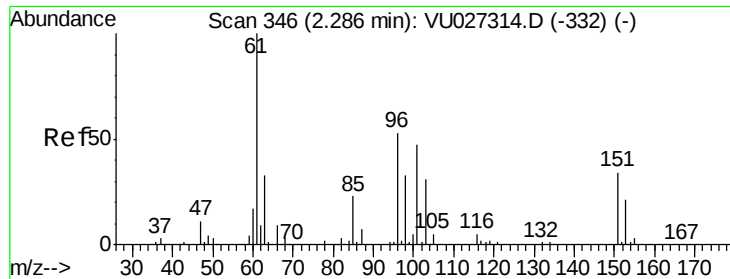


#8

Diethyl Ether
Concen: 46.245 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion: 74 Resp: 43529
Ion Ratio Lower Upper
74 100
45 119.4 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.907 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

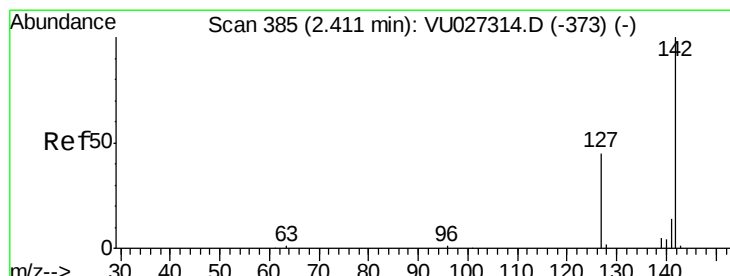
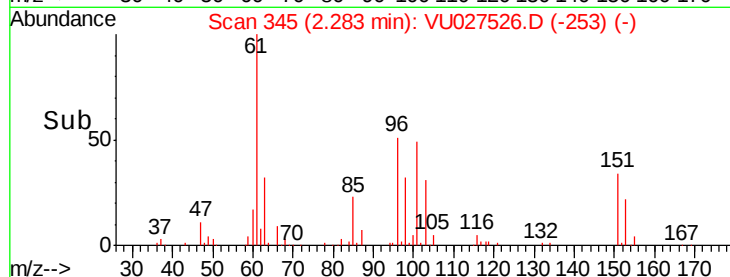
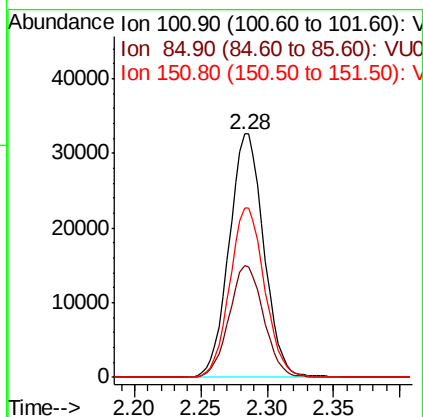
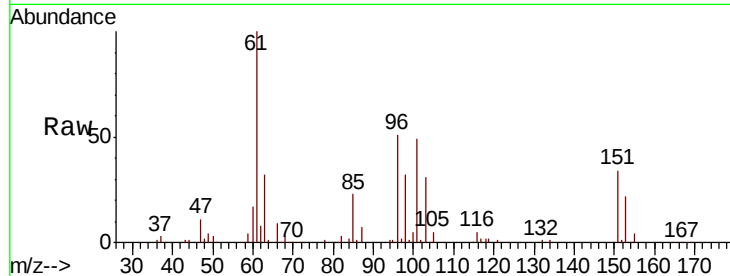
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	59223
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.5	56.3
151	70.0	55.6	83.4

Manual Integrations
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#10

Methyl Iodide

Concen: 37.351 ug/l

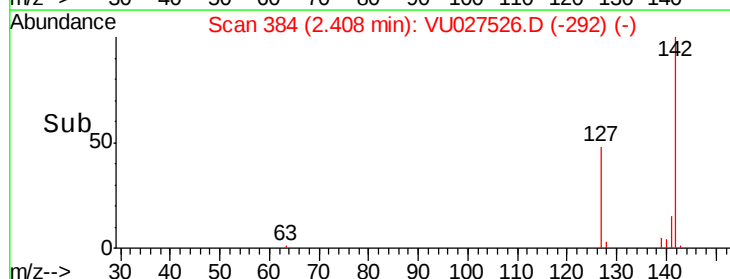
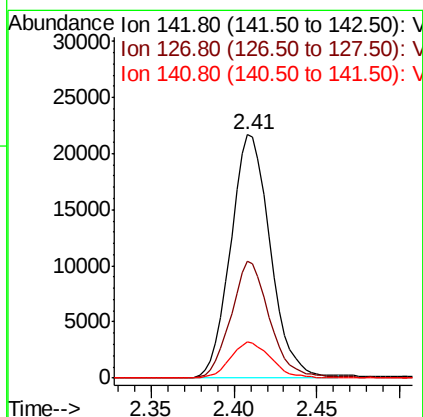
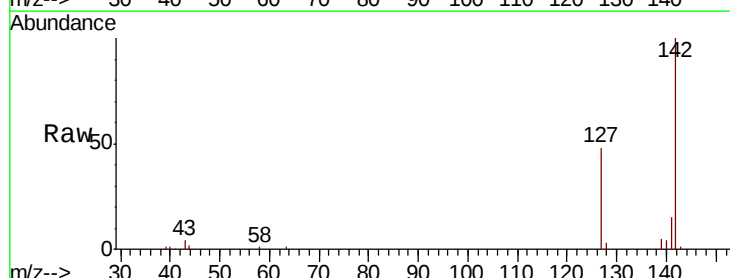
RT: 2.41 min Scan# 384

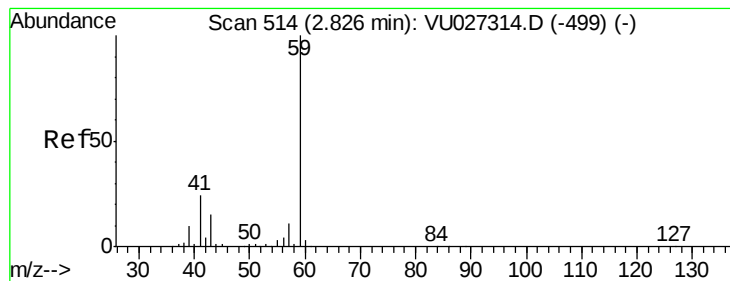
Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Tgt Ion:	142	Resp:	36161
Ion Ratio	Lower	Upper	
142	100		
127	46.6	36.3	54.5
141	15.0	11.6	17.4





#11

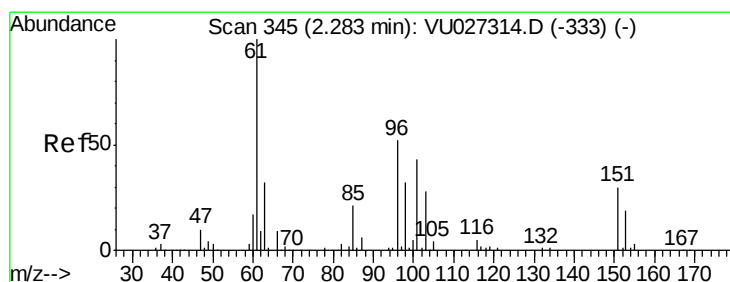
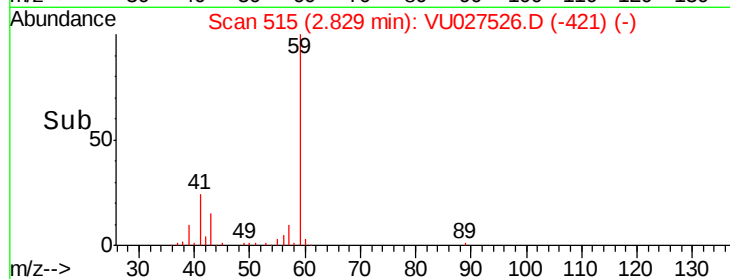
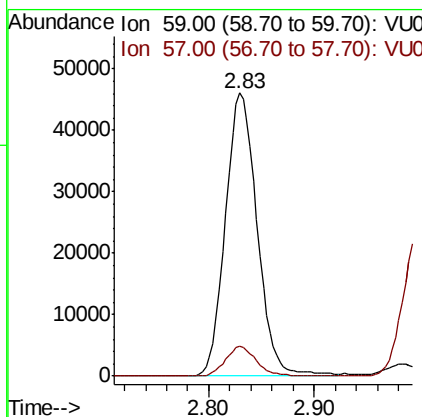
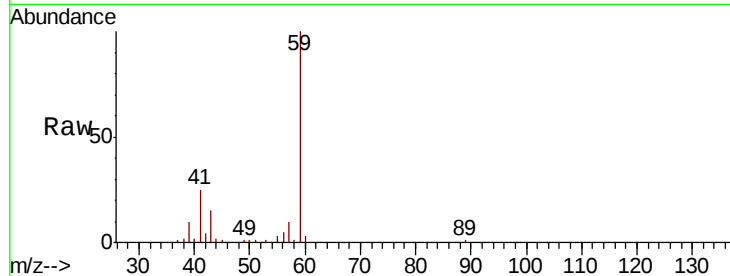
Tert butyl alcohol
Concen: 249.320 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

Manual Integrations
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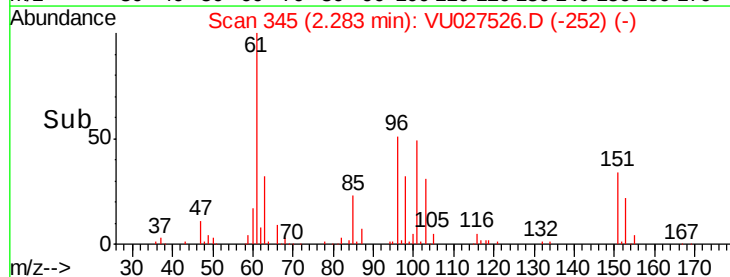
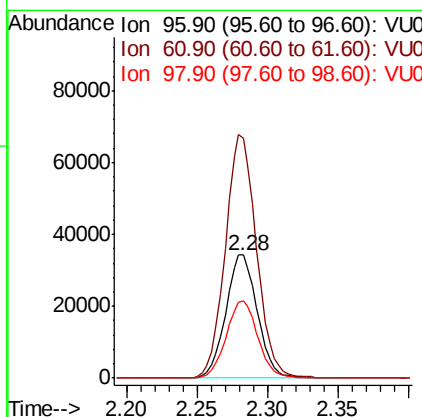
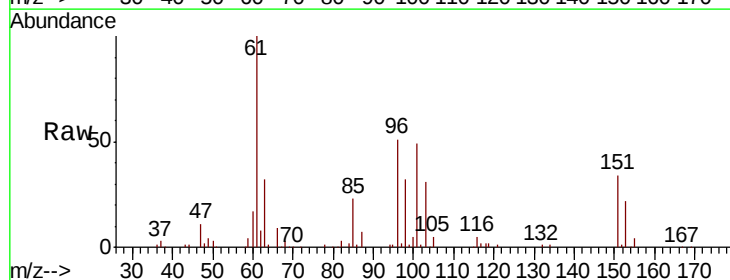
MMDadoda
10/11/2018 9:01:16 AM

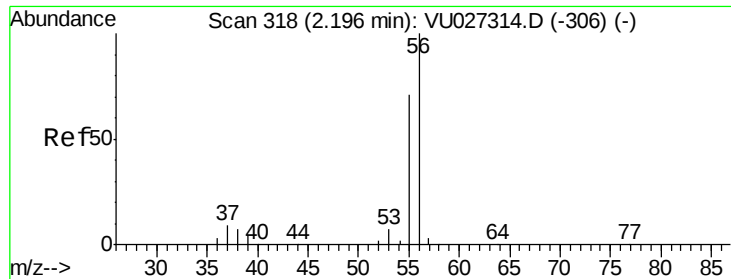


#12

1,1-Dichloroethene
Concen: 46.244 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	194.7	153.0	229.6
98	63.0	49.3	73.9





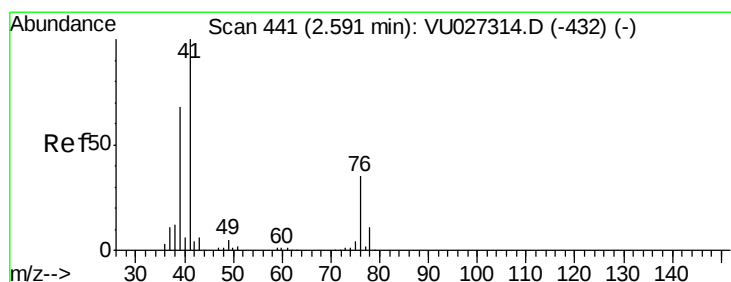
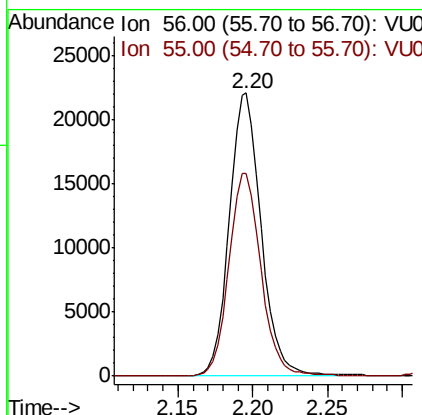
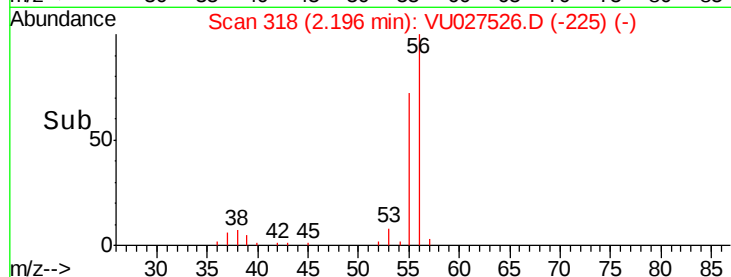
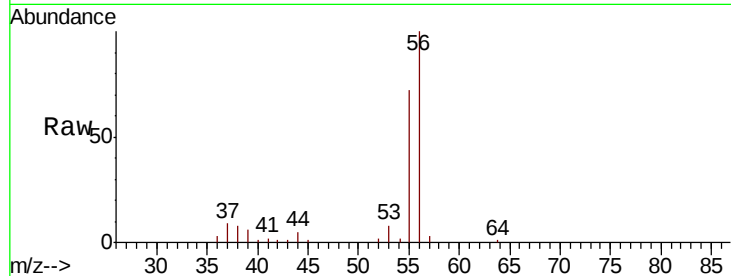
#13
Acrolein
Concen: 101.169 ug/l
RT: 2.20 min Scan# 318
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 32764
Ion Ratio Lower Upper
56 100
55 72.3 57.7 86.5

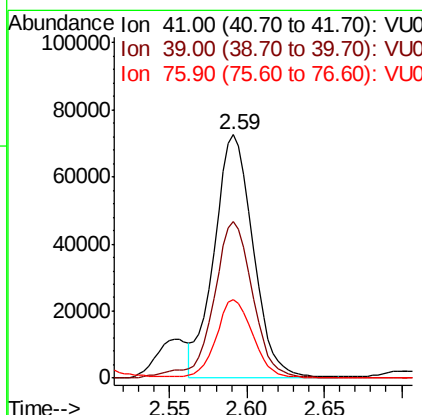
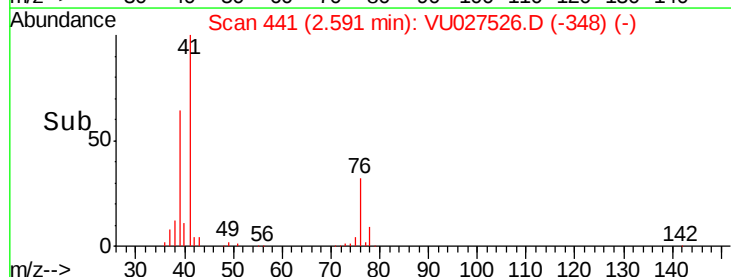
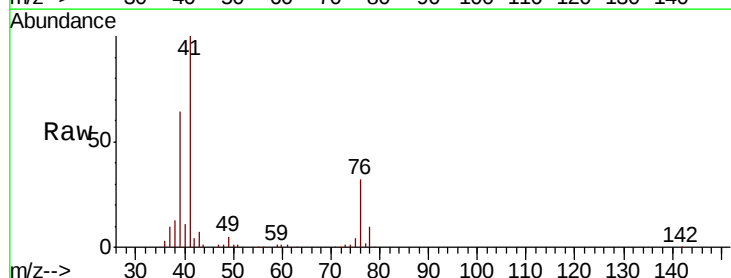
Manual Integrations
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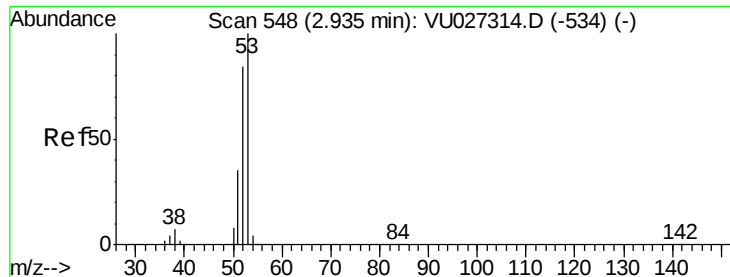
MMDadoda
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#14
Allyl chloride
Concen: 46.083 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion: 41 Resp: 126873
Ion Ratio Lower Upper
41 100
39 65.2 51.8 77.8
76 30.3 25.9 38.9





#15

Acrylonitrile

Concen: 247.453 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

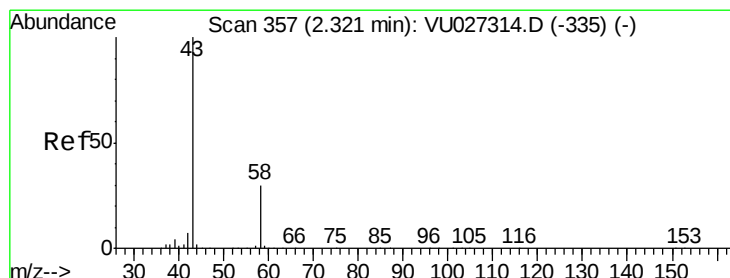
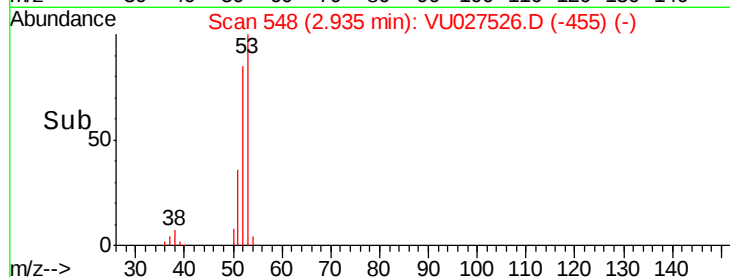
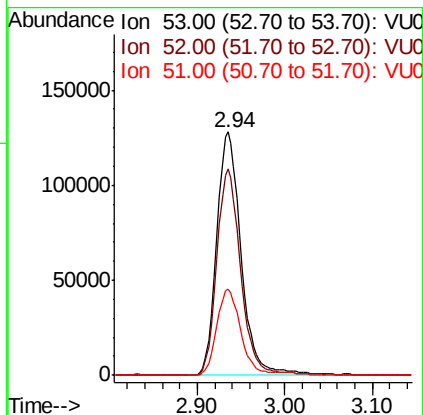
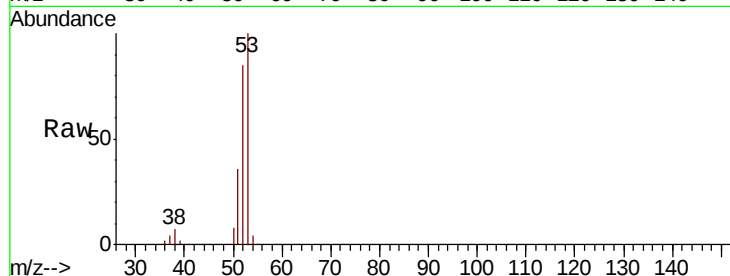
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	248575
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.5	99.7
51	34.7	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 239.630 ug/l

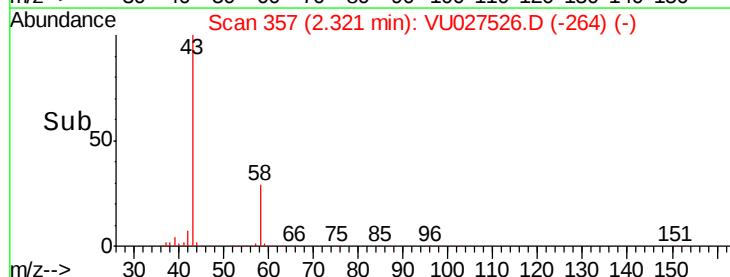
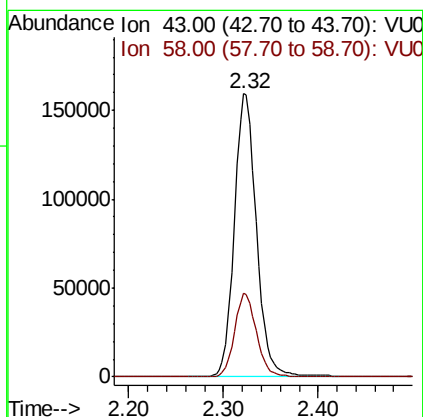
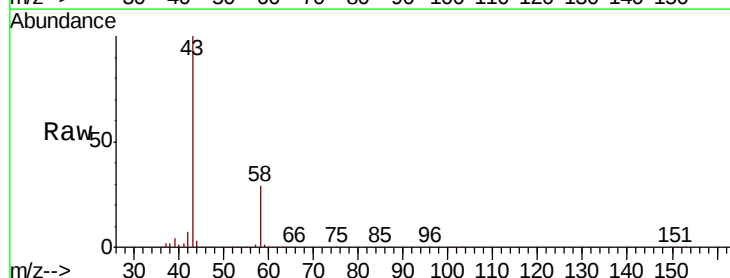
RT: 2.32 min Scan# 357

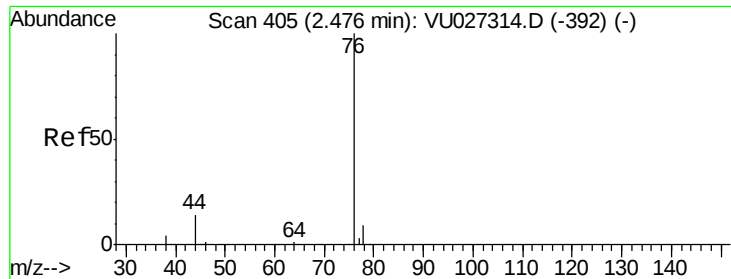
Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Tgt Ion:	43	Resp:	259456
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.2	36.4





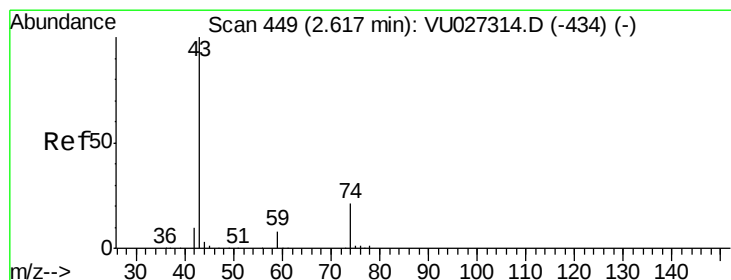
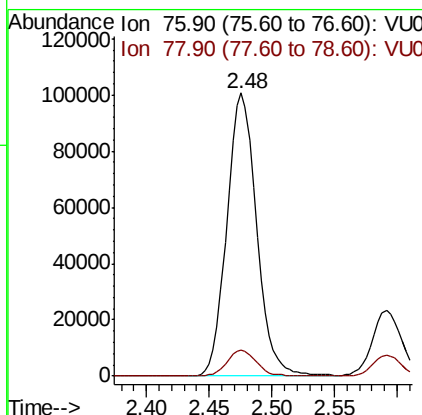
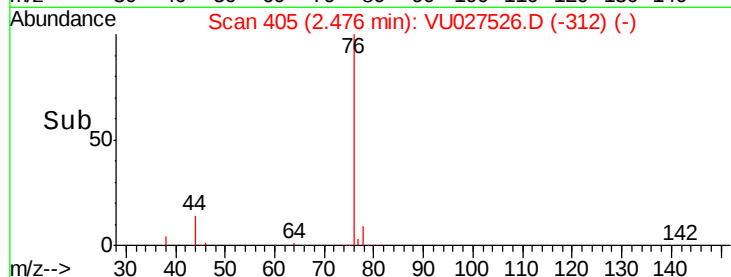
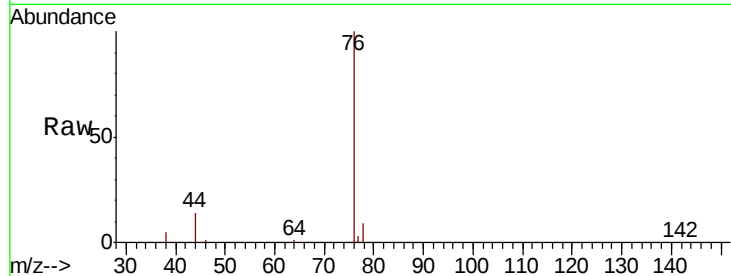
#17
Carbon Disulfide
Concen: 39.745 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 166191
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

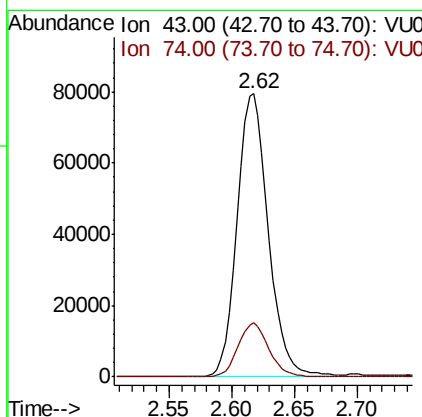
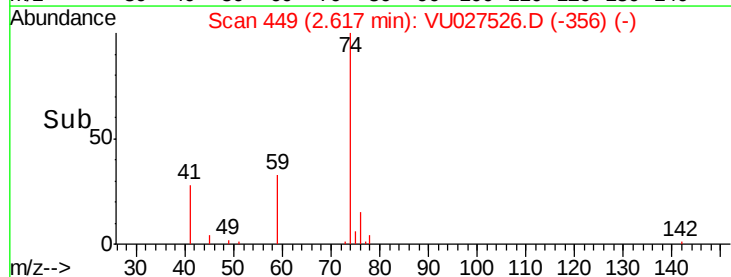
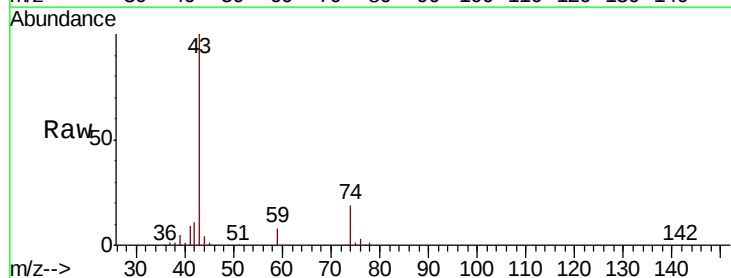
Manual Integrations
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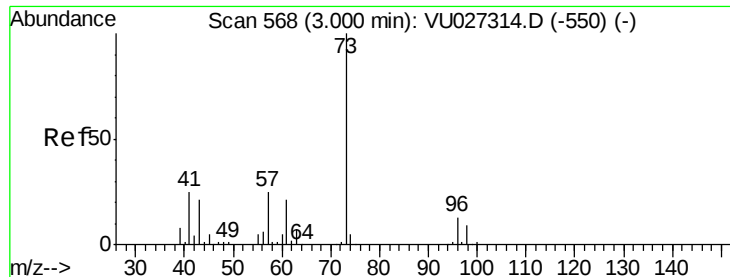
MMDadoda
10/11/2018 9:01:16 AM



#18
Methyl Acetate
Concen: 55.712 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion: 43 Resp: 137609
Ion Ratio Lower Upper
43 100
74 18.9 16.5 24.7





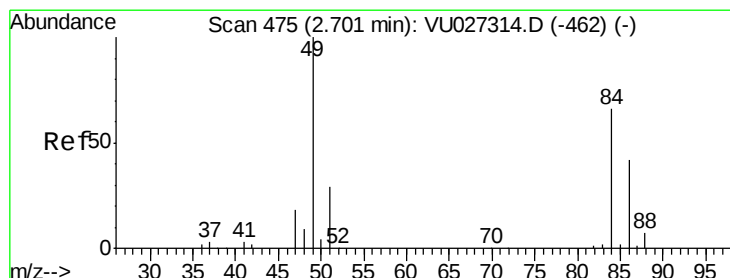
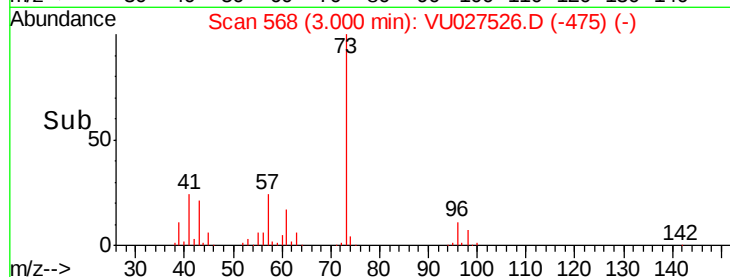
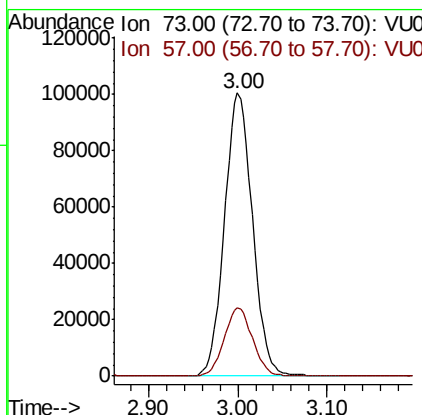
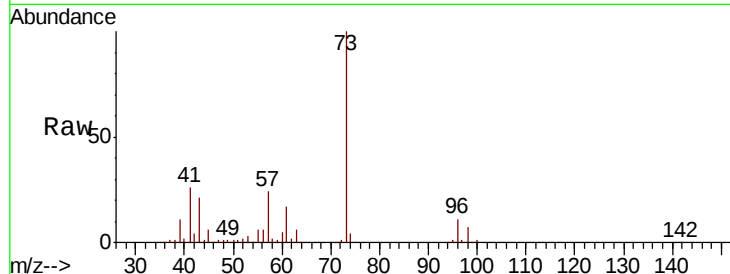
#19
Methyl tert-butyl Ether
Concen: 46.970 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 218197
Ion Ratio Lower Upper
73 100
57 24.0 20.0 30.0

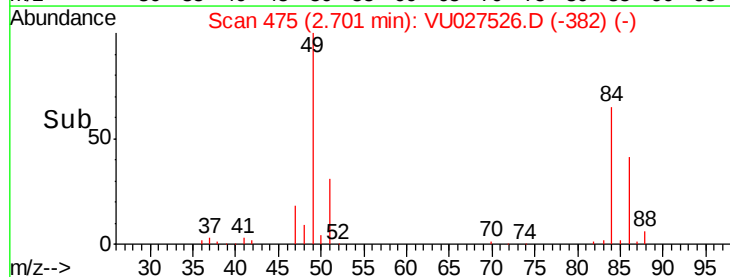
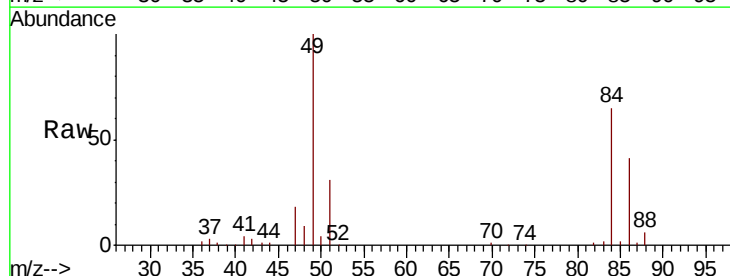
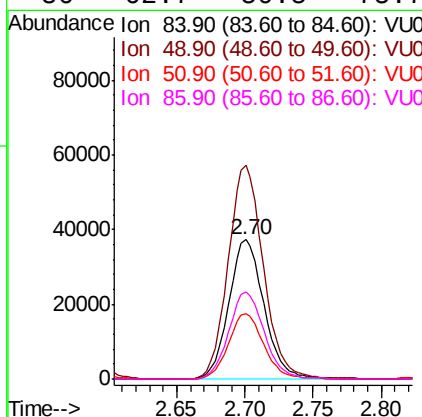
Manual Integrations
APPROVED

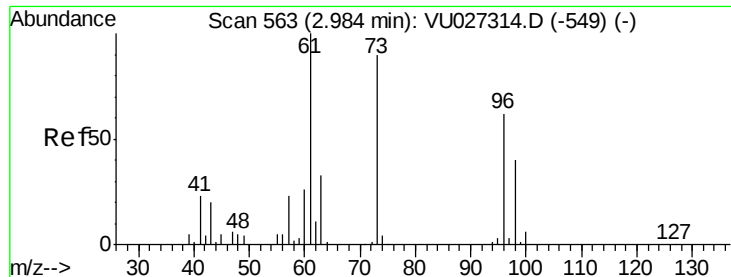
MMDadoda
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#20
Methylene Chloride
Concen: 44.221 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion: 84 Resp: 66694
Ion Ratio Lower Upper
84 100
49 153.4 120.5 180.7
51 46.9 35.1 52.7
86 62.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 44.612 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

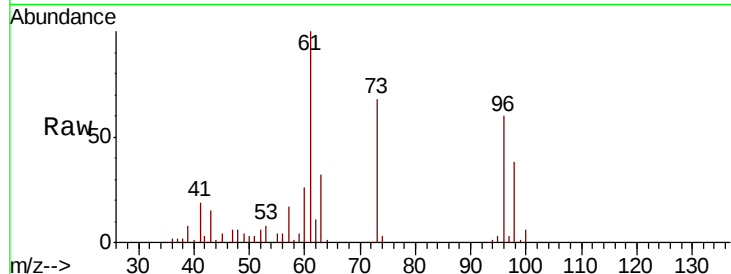
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	58069
Ion	Ratio	Lower	Upper
96	100		
61	167.2	129.4	194.2
98	62.7	51.2	76.8

Manual Integrations
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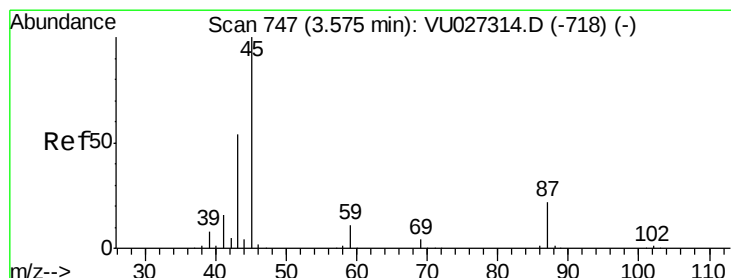
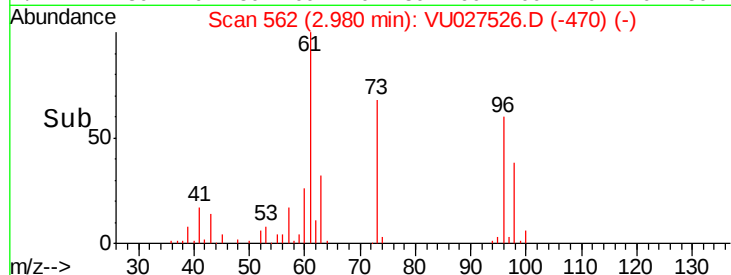
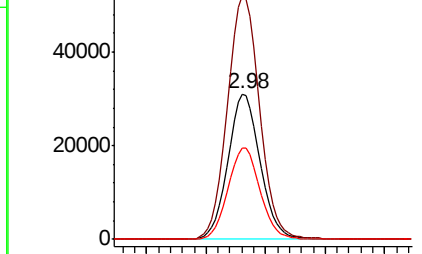
MMDadoda
10/11/2018 9:01:16 AM



Abundance Ion 95.90 (95.60 to 96.60): VU027314.D (-549) (-)

Ion 60.90 (60.60 to 61.60): VU027314.D (-549) (-)

Ion 97.90 (97.60 to 98.60): VU027314.D (-549) (-)



#22

Diisopropyl ether

Concen: 49.526 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

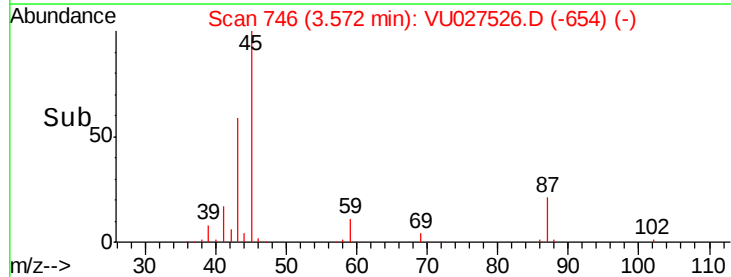
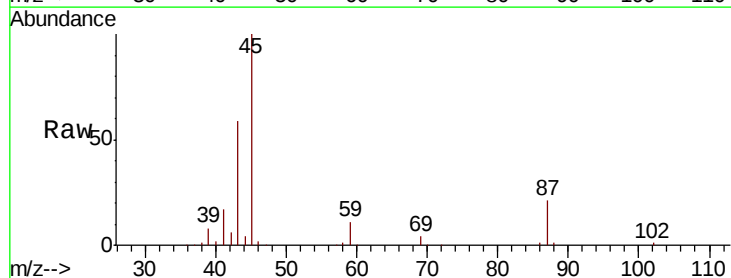
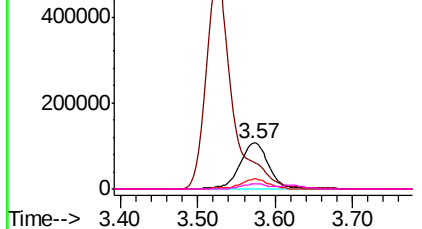
Tgt Ion:	45	Resp:	277137
Ion	Ratio	Lower	Upper
45	100		
43	57.7	43.4	65.2
87	21.0	17.5	26.3
59	10.7	8.6	13.0

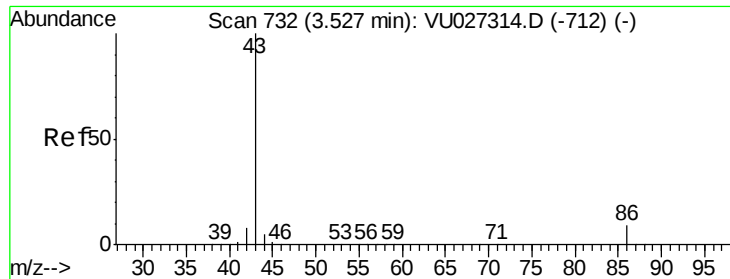
Abundance Ion 45.00 (44.70 to 45.70): VU027314.D (-718) (-)

Ion 43.00 (42.70 to 43.70): VU027314.D (-718) (-)

Ion 87.00 (86.70 to 87.70): VU027314.D (-718) (-)

Ion 59.00 (58.70 to 59.70): VU027314.D (-718) (-)





#23

Vinyl Acetate

Concen: 242.816 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1186604

Ion Ratio Lower Upper

43 100

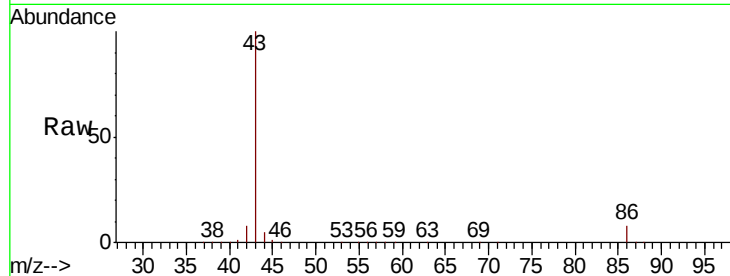
86 8.3 7.0 10.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-712) (-)

Ion 86.00 (85.70 to 86.70): VU027314.D (-712) (-)

3.52

500000

400000

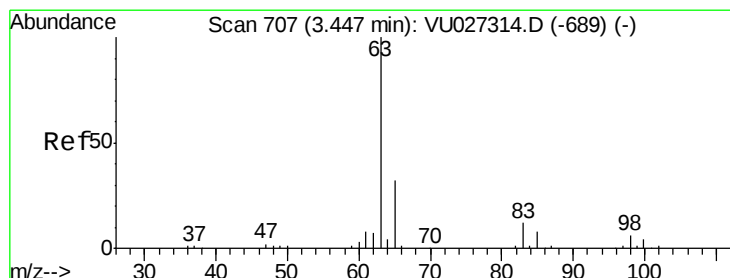
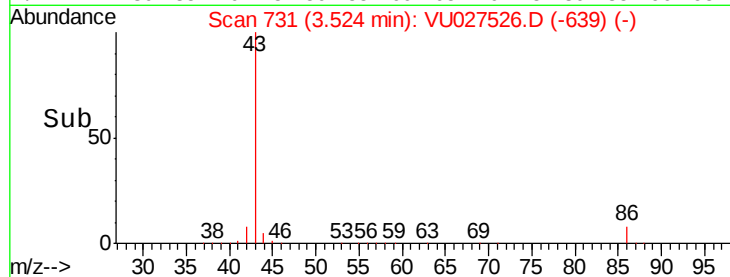
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.450 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

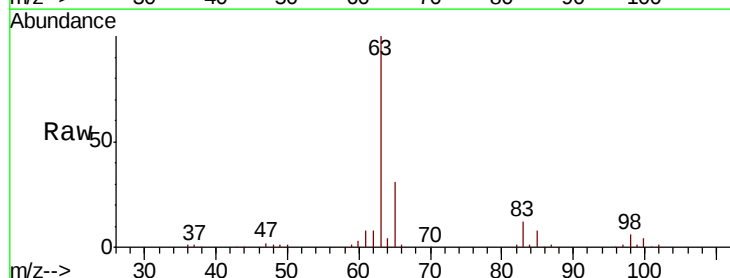
Tgt Ion: 63 Resp: 139376

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU027314.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VU027314.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VU027314.D (-689) (-)

3.45

80000

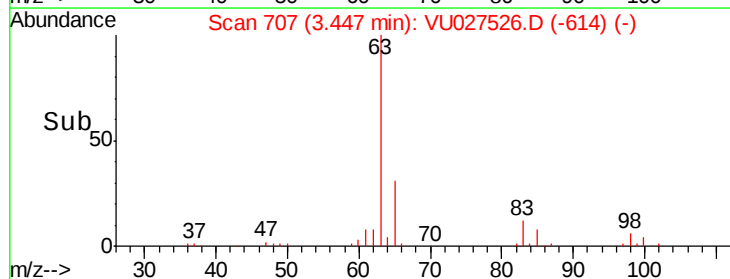
60000

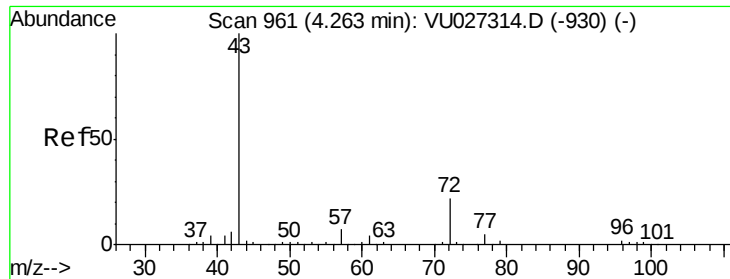
40000

20000

0

Time-->





#25

2-Butanone

Concen: 265.006 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 391277

Ion Ratio Lower Upper

43 100

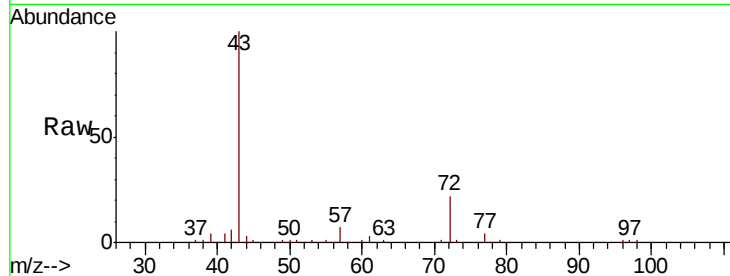
72 22.3 17.8 26.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

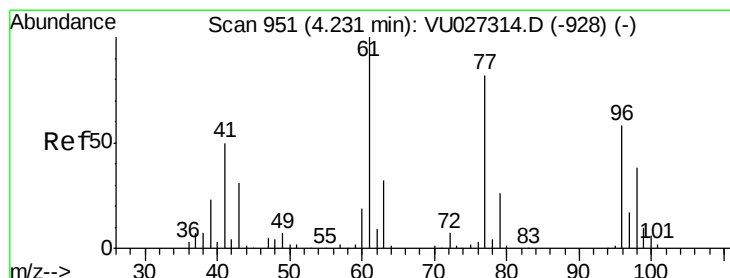
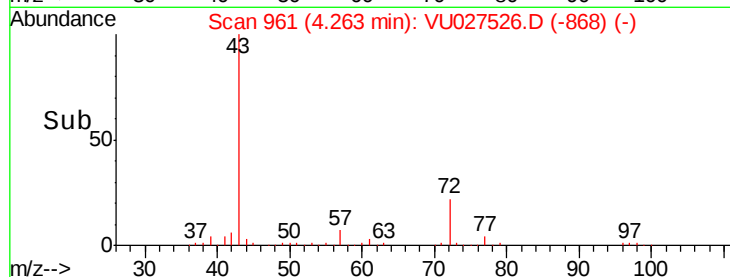
150000

100000

50000

0

Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 48.594 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027526.D

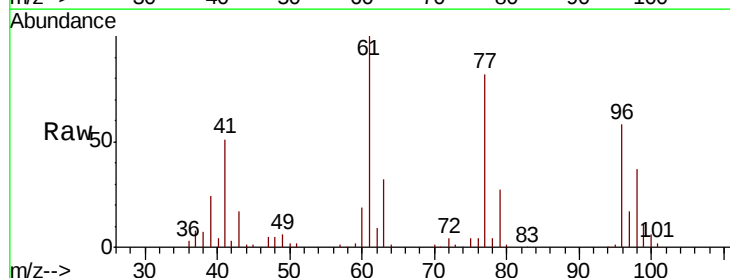
Acq: 09 Oct 2018 17:09

Tgt Ion: 77 Resp: 114865

Ion Ratio Lower Upper

77 100

97 20.5 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

40000

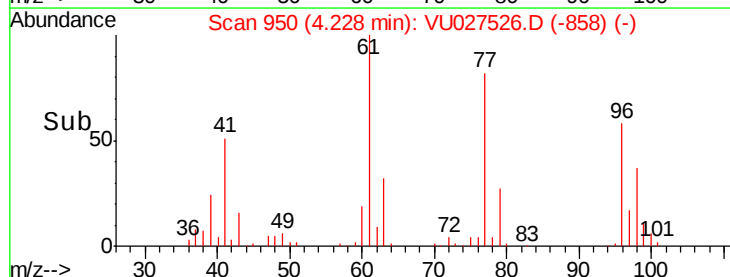
30000

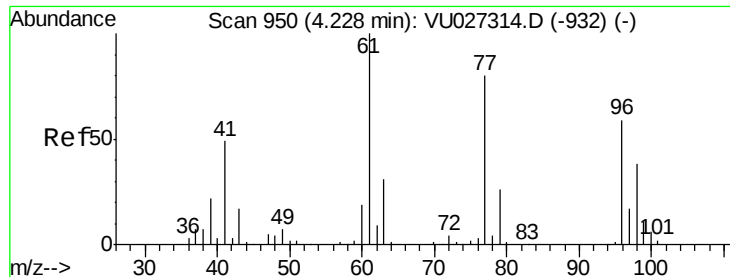
20000

10000

0

Time--> 4.10 4.20 4.30





#27

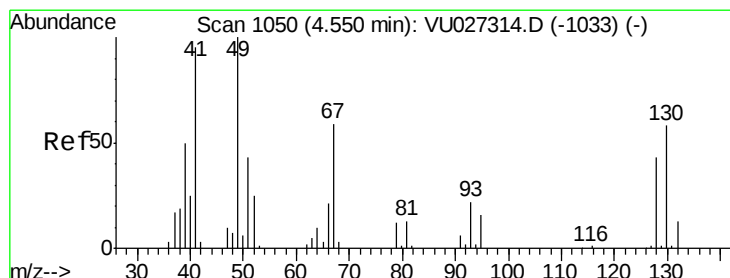
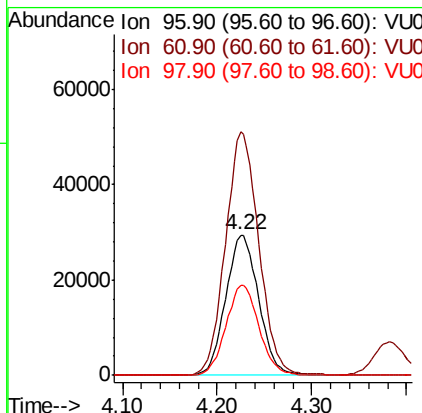
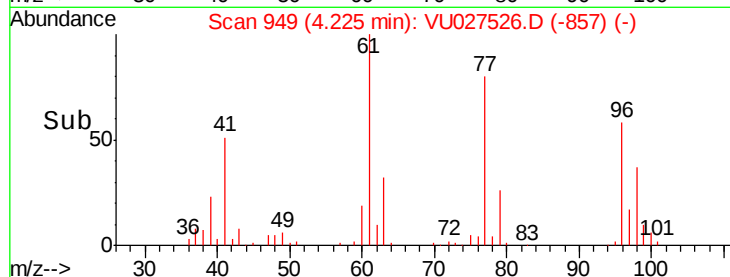
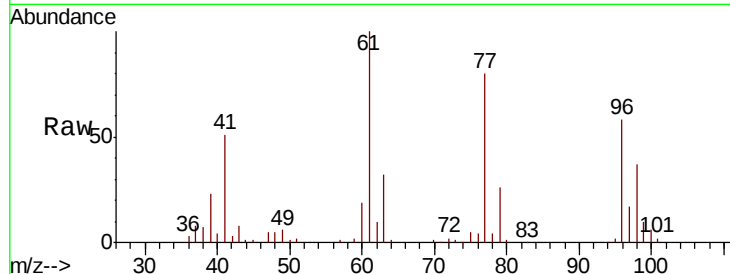
cis-1,2-Dichloroethene
Concen: 47.811 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.6	0.0	343.8
98	64.5	0.0	129.0

Manual Integrations
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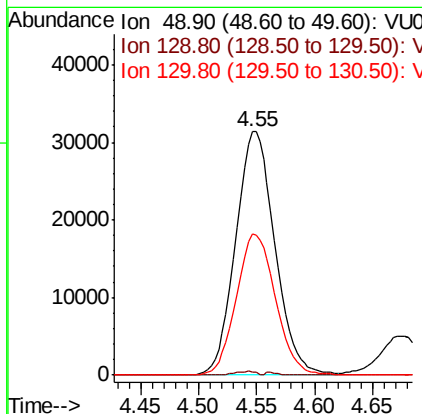
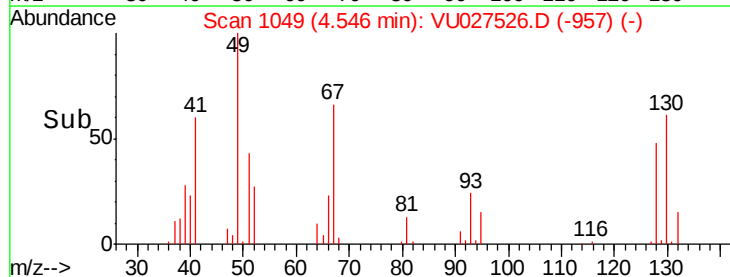
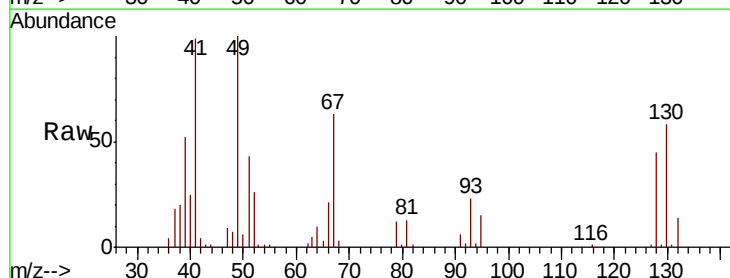
MMDadoda
10/11/2018 9:01:16 AM

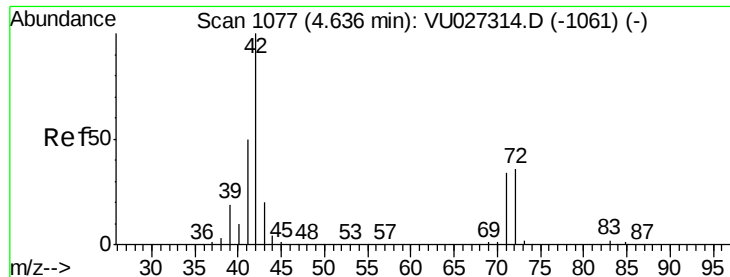


#28

Bromochloromethane
Concen: 53.241 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.0
130	57.7	46.1	69.1





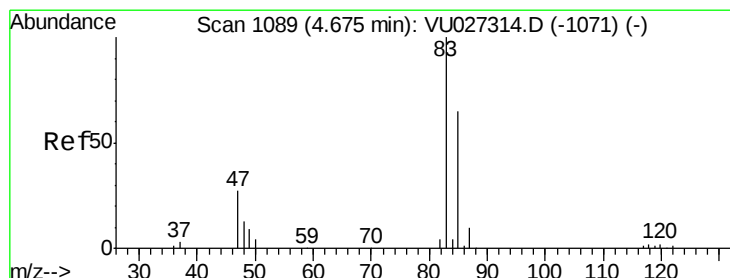
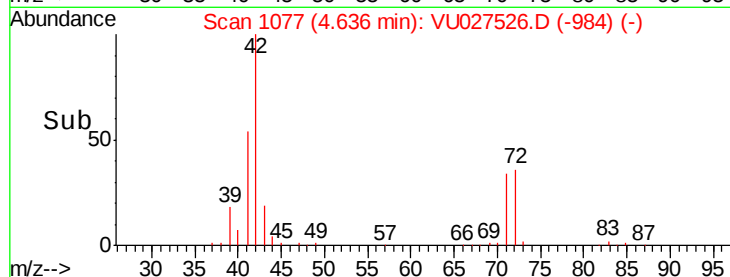
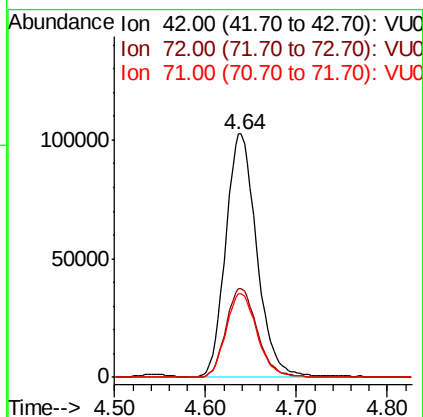
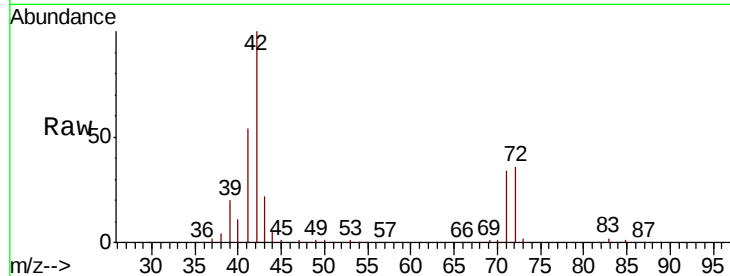
#29
Tetrahydrofuran
Concen: 260.864 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.1	30.1	45.1
71	34.6	27.7	41.5

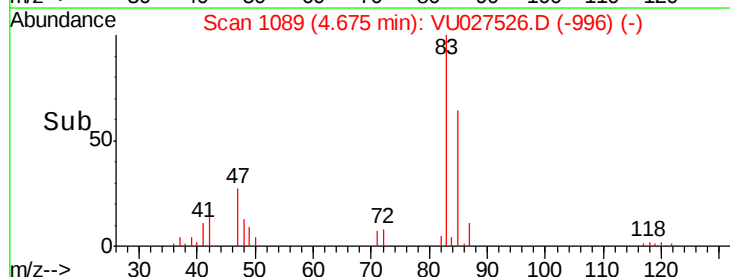
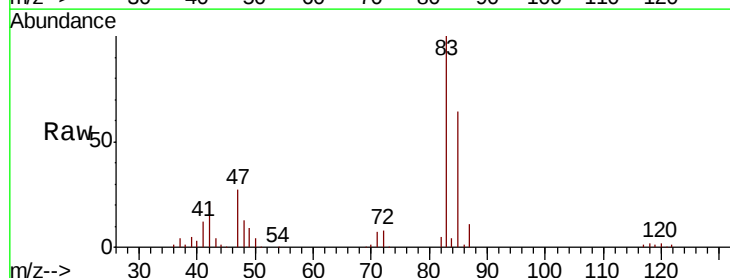
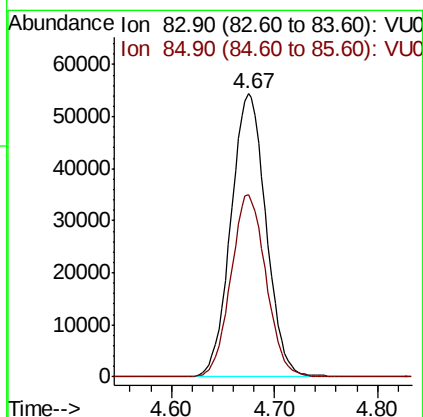
Manual Integrations
APPROVED

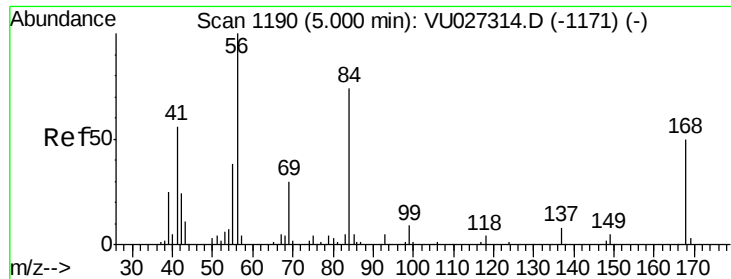
MMDadoda
10/11/2018 9:01:16 AM



#30
Chloroform
Concen: 50.400 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.6





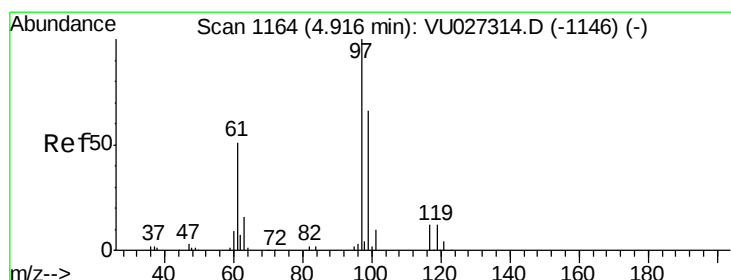
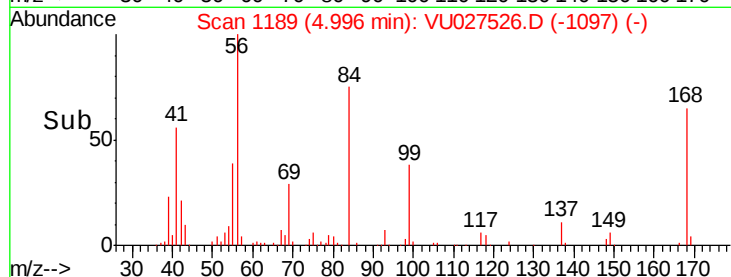
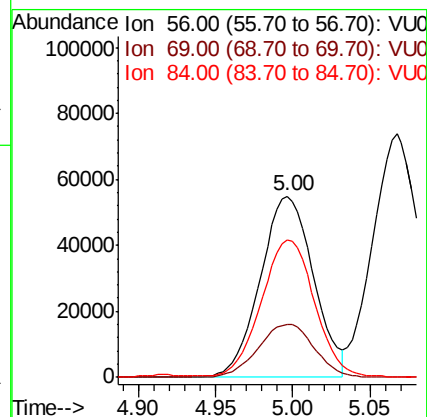
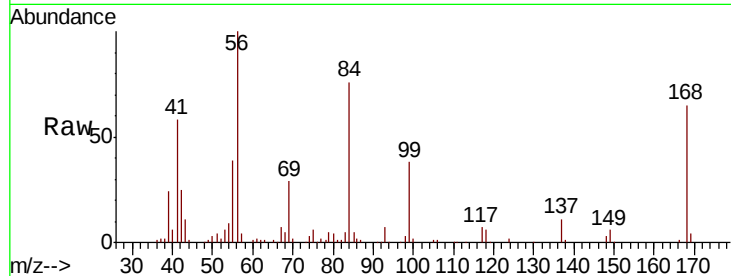
#31
Cyclohexane
Concen: 44.743 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.1	36.1
84	75.1	59.1	88.7

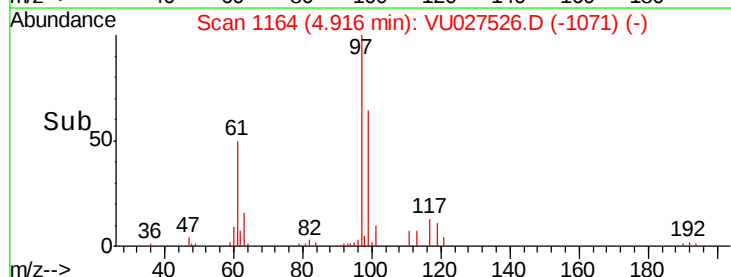
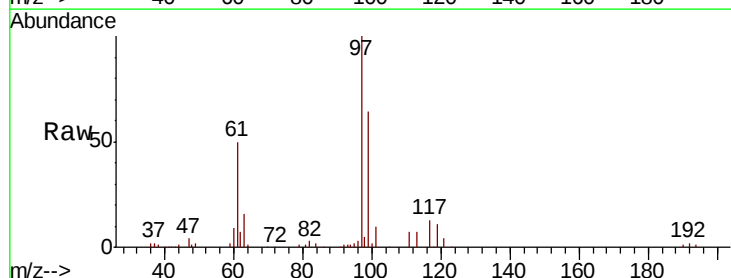
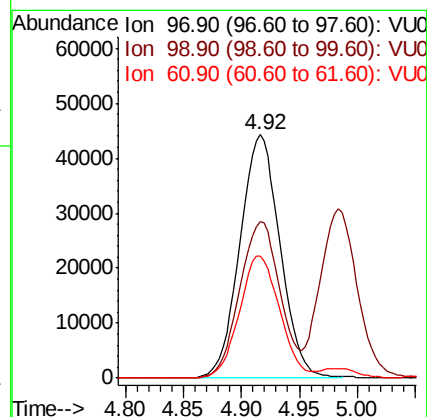
Manual Integrations
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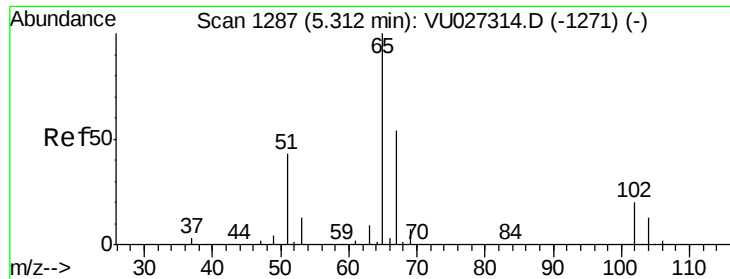
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#32
1,1,1-Trichloroethane
Concen: 49.540 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.1	76.7
61	50.4	39.6	59.4





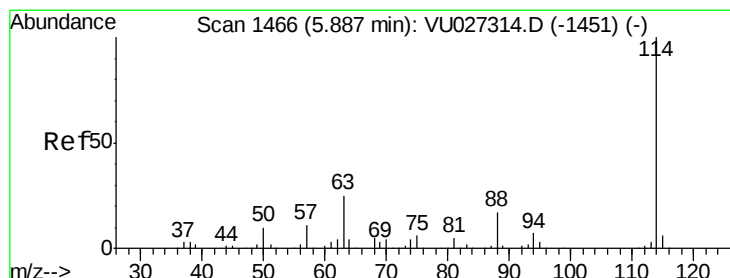
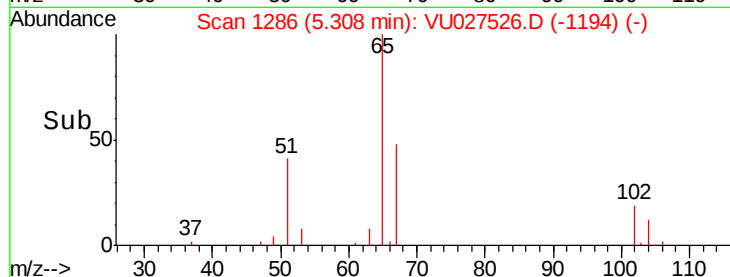
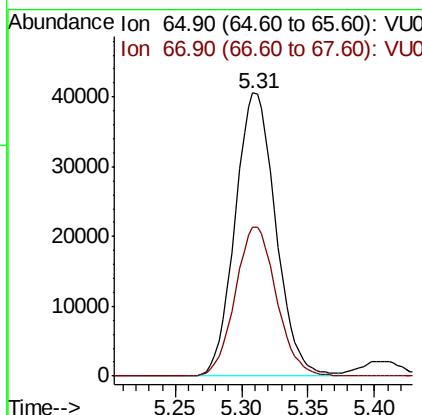
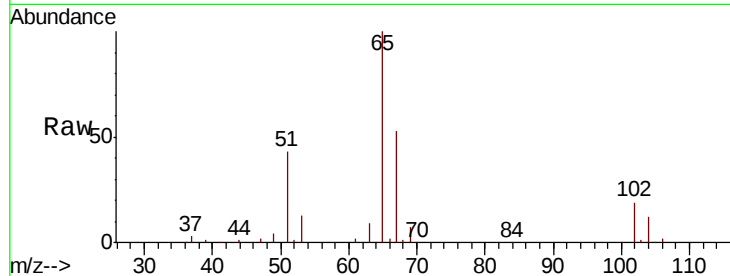
#33
 1,2-Dichloroethane-d4
 Concen: 47.246 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 86592
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8

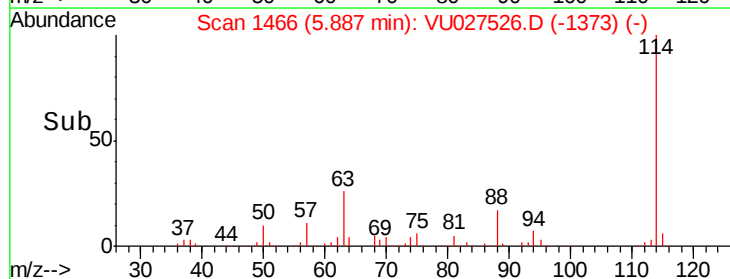
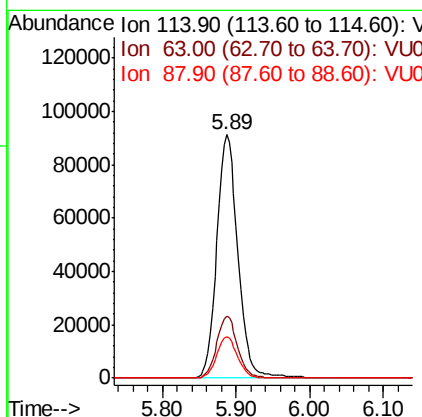
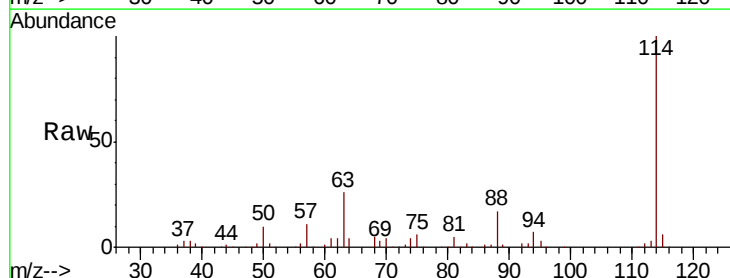
Manual Integrations
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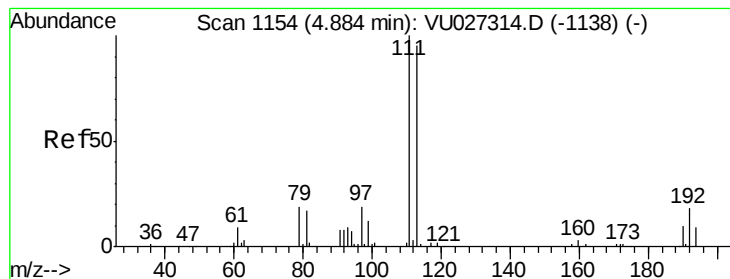
MMDadoda
 10/11/2018 9:01:16 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Tgt Ion: 114 Resp: 180965
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 50.2
 88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.386 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 61249

Ion Ratio Lower Upper

113 100

111 102.6 83.1 124.7

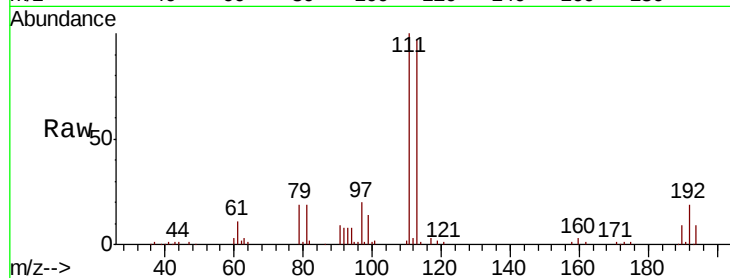
192 19.5 15.4 23.0

Manual Integrations

APPROVED

MMDadoda

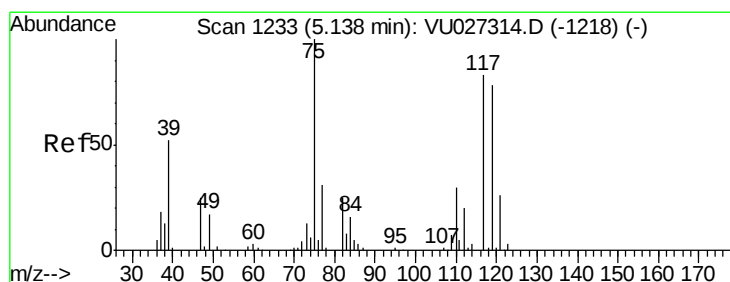
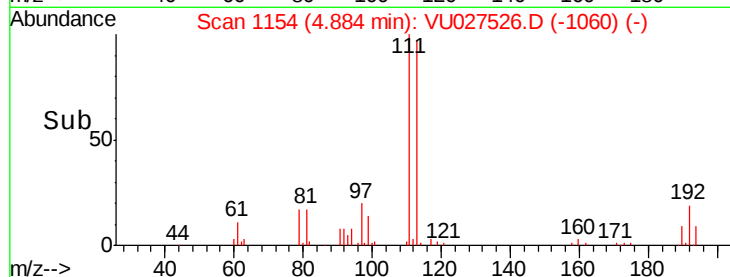
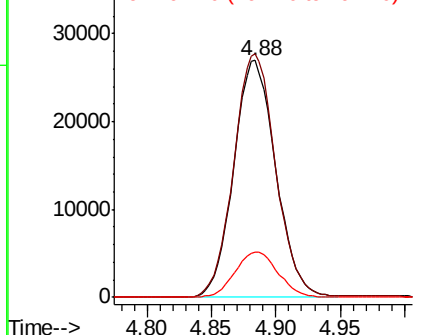
10/11/2018 9:01:16 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.862 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

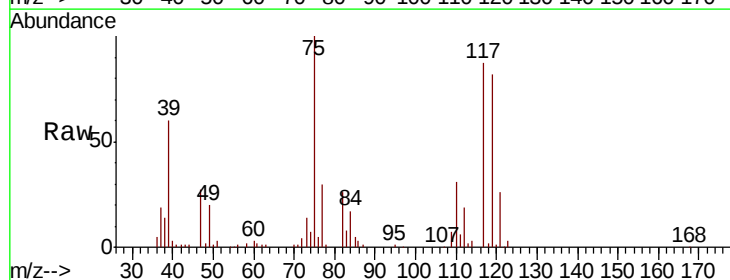
Tgt Ion: 75 Resp: 97973

Ion Ratio Lower Upper

75 100

110 30.9 15.5 46.5

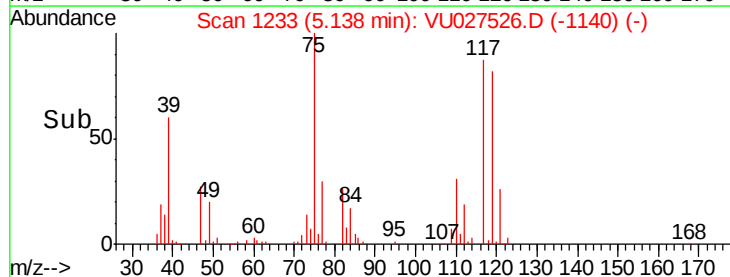
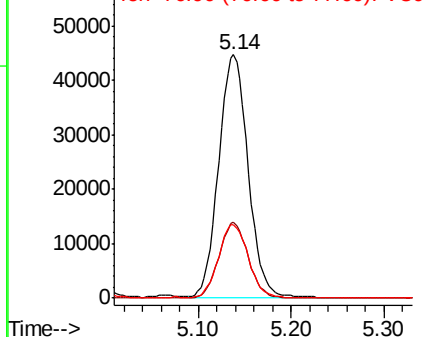
77 30.9 25.4 38.0

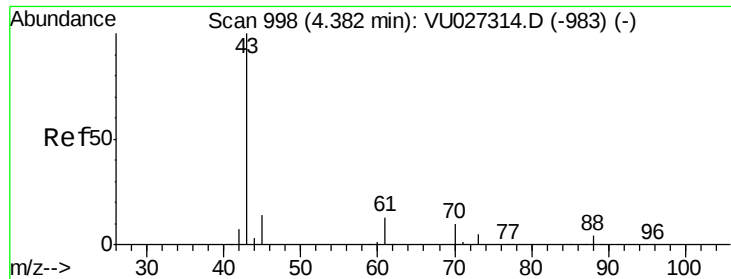


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





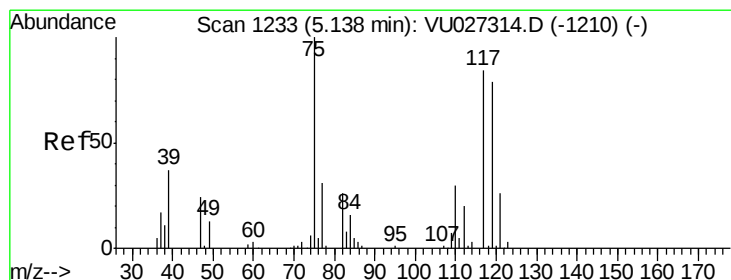
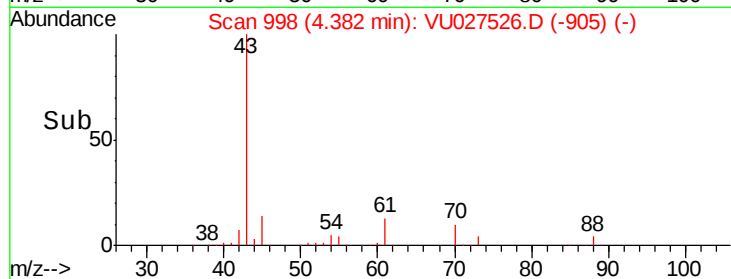
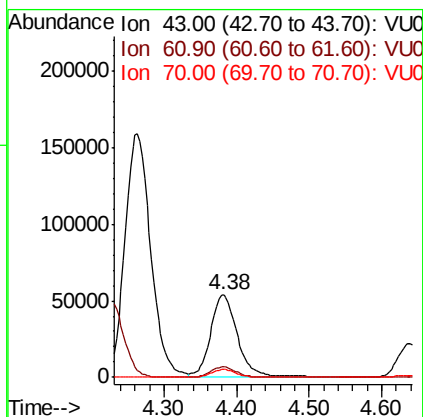
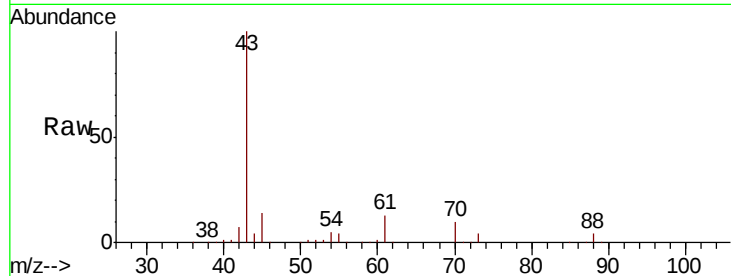
#37
Ethyl Acetate
Concen: 53.678 ug/l
RT: 4.38 min Scan# 998
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.7	16.1
70	8.9	7.4	11.2

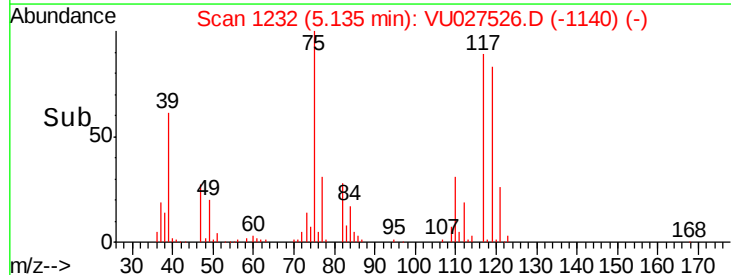
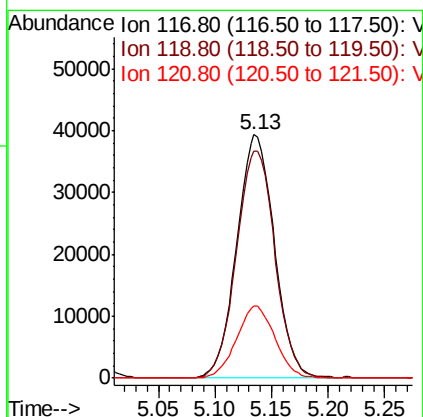
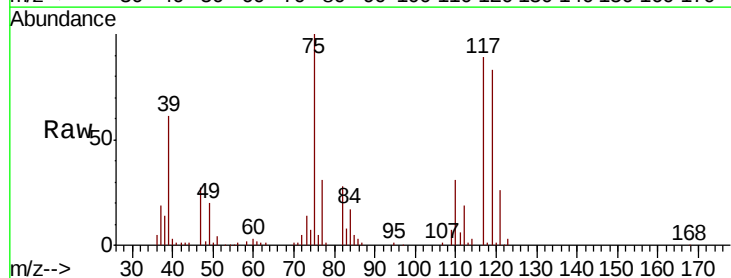
Manual Integrations
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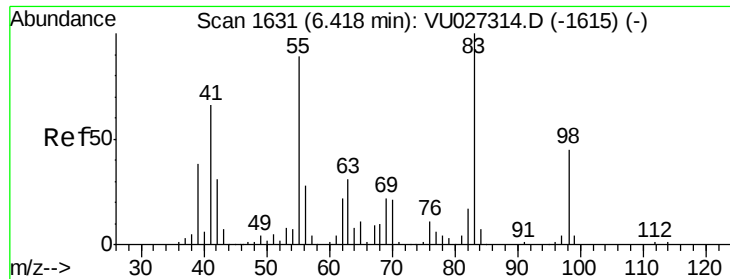
MMDadoda
10/11/2018 9:01:16 AM



#38
Carbon Tetrachloride
Concen: 51.264 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.5	111.7
121	29.6	24.6	37.0





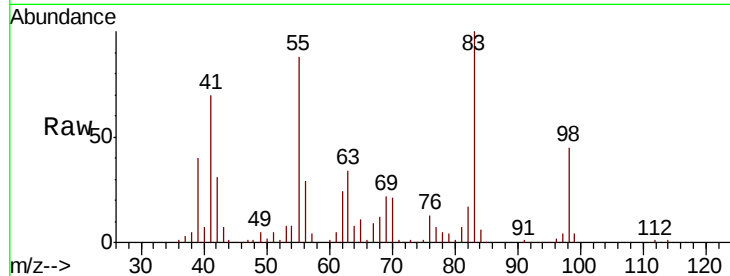
#39
Methylcyclohexane
Concen: 48.921 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	88.4	71.1	106.7
98	45.1	36.3	54.5

Manual Integrations
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MMDadoda
10/11/2018 9:01:16 AM

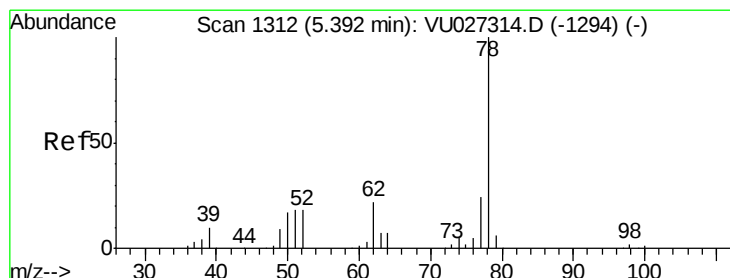
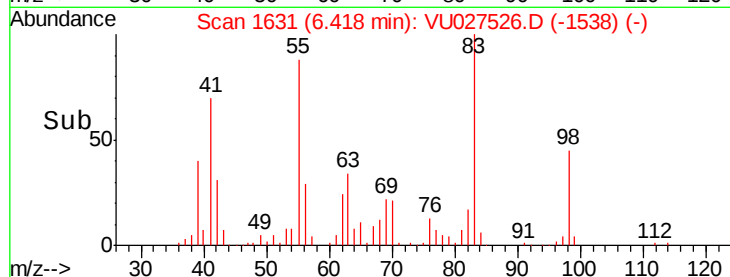
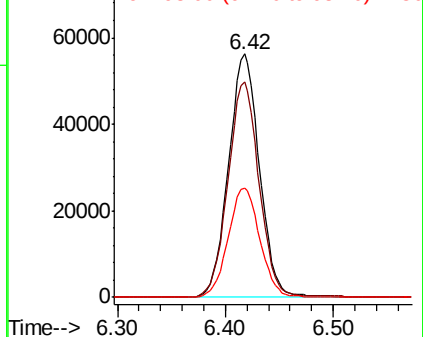


Abundance

Ion 83.00 (82.70 to 83.70): VU027314.D (-1615) (-)

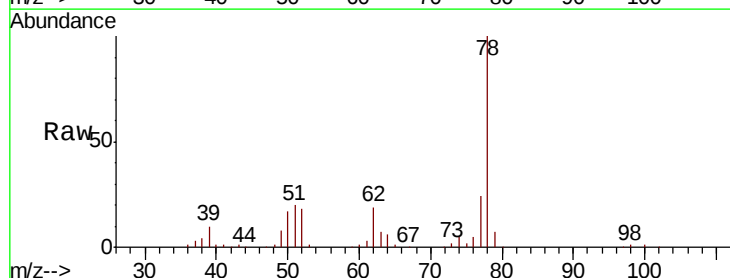
Ion 55.00 (54.70 to 55.70): VU027314.D (-1615) (-)

Ion 98.00 (97.70 to 98.70): VU027314.D (-1615) (-)



#40
Benzene
Concen: 50.368 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

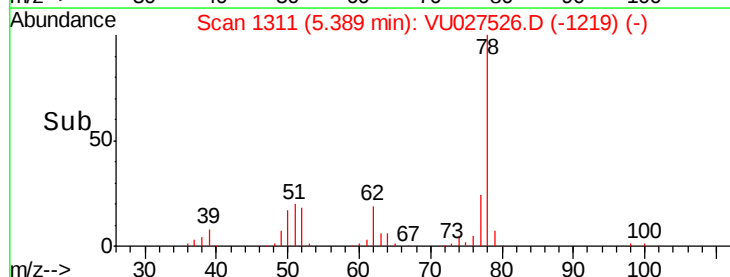
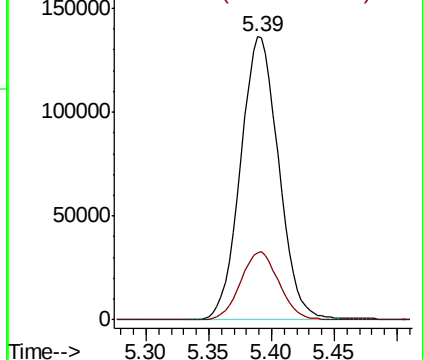
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9

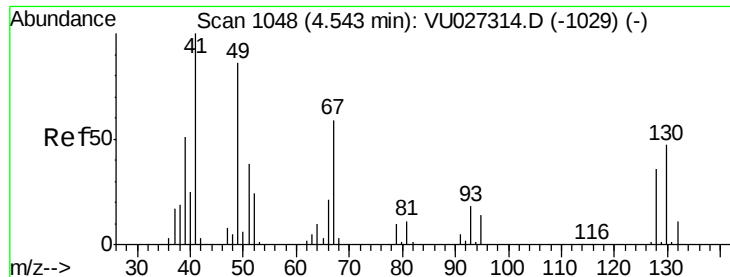


Abundance

Ion 78.00 (77.70 to 78.70): VU027314.D (-1294) (-)

Ion 77.00 (76.70 to 77.70): VU027314.D (-1294) (-)





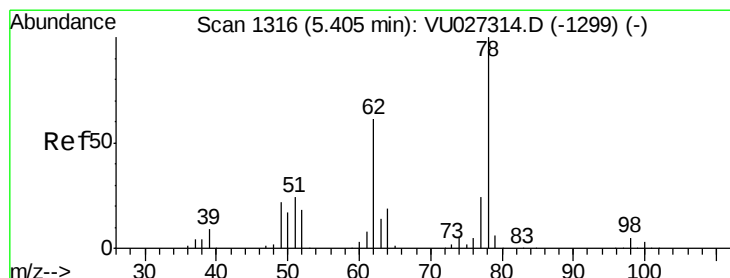
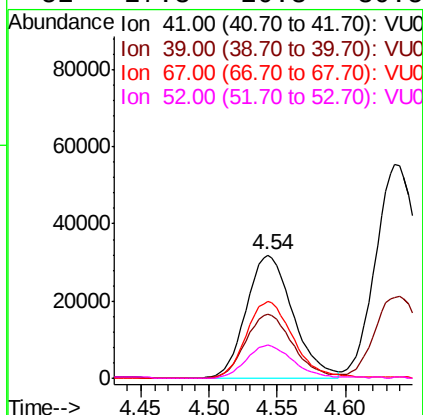
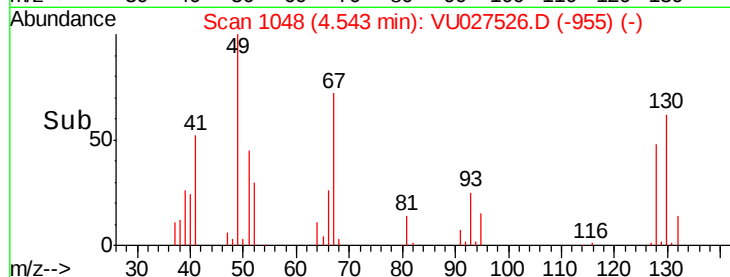
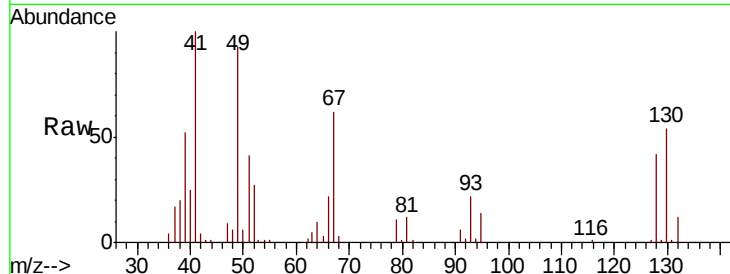
#41
Methacrylonitrile
Concen: 52.942 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	52.6	41.1	61.7
67	67	62.9	50.4	75.6
52	52	27.3	20.3	30.5

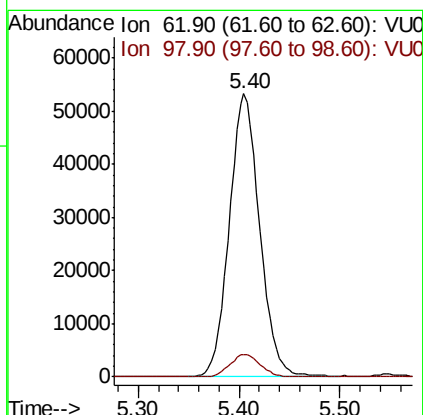
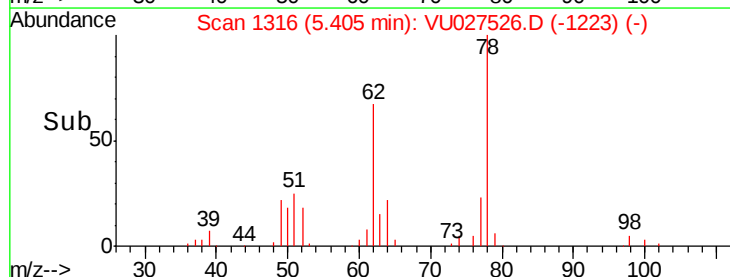
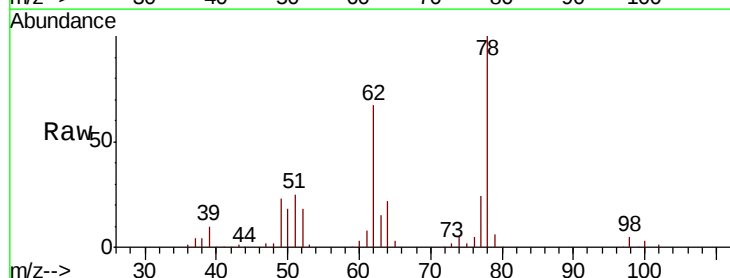
Manual Integrations
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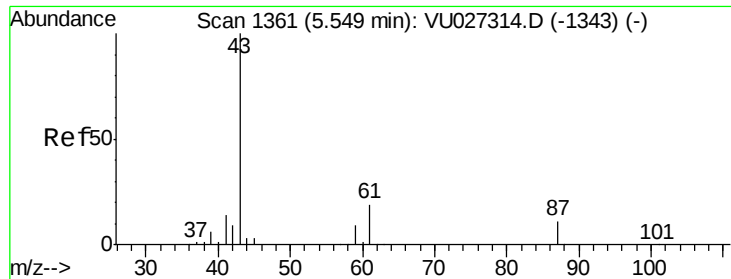
MMDadoda
10/11/2018 9:01:16 AM



#42
1,2-Dichloroethane
Concen: 52.475 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	7.9	0.0	16.8





#43

Isopropyl Acetate

Concen: 51.832 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

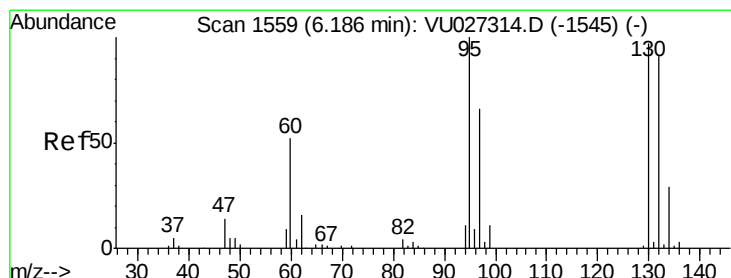
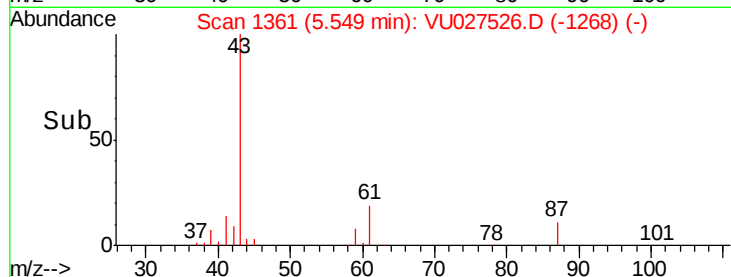
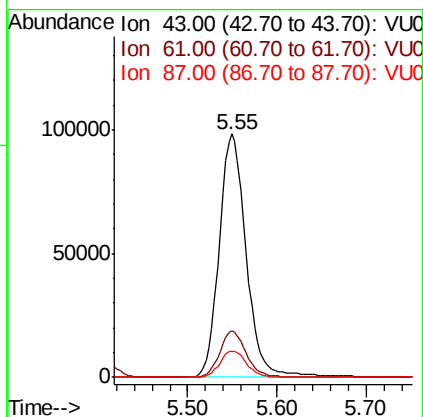
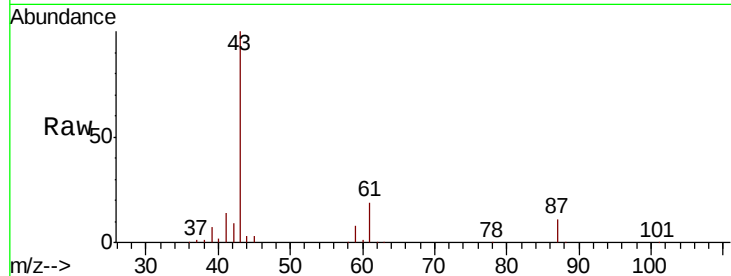
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	204425
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.3	22.9
87	10.8	8.6	13.0

Manual Integrations
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10/11/2018 9:01:16 AM



#44

Trichloroethene

Concen: 48.619 ug/l

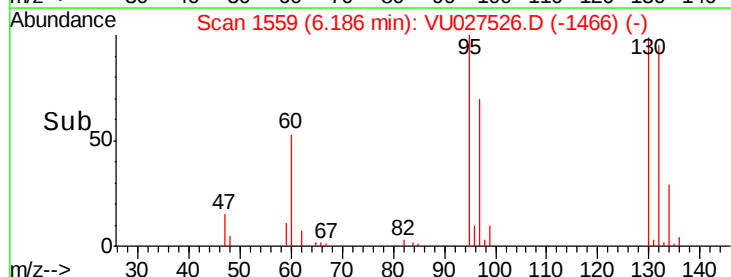
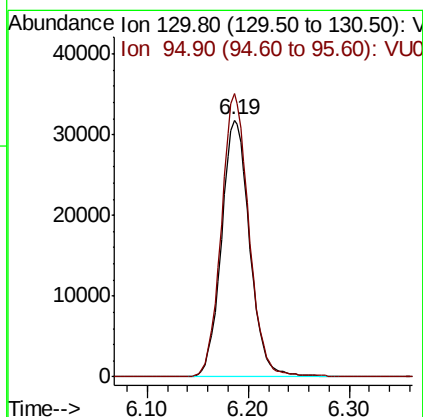
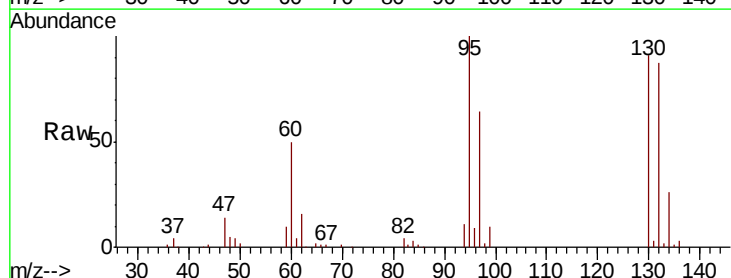
RT: 6.19 min Scan# 1559

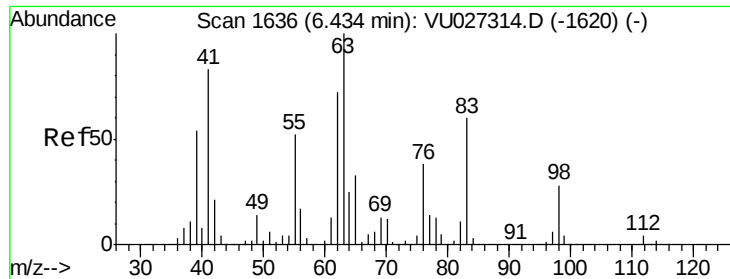
Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Tgt Ion:	130	Resp:	62048
Ion	Ratio	Lower	Upper
130	100		
95	110.2	0.0	207.0





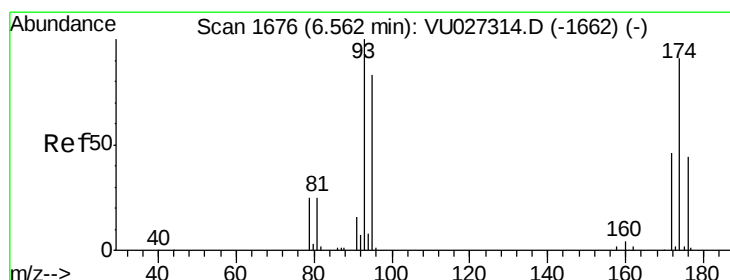
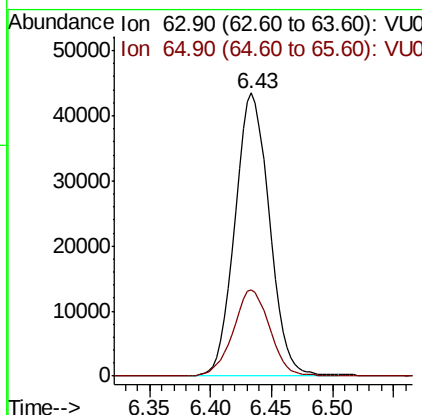
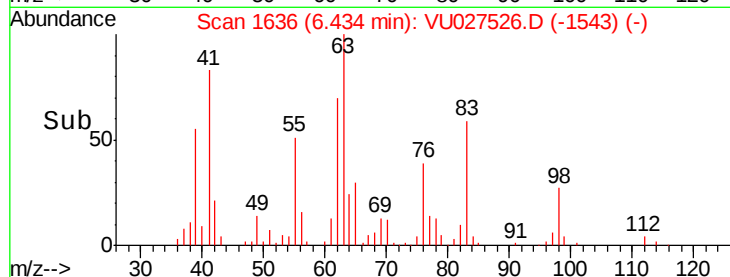
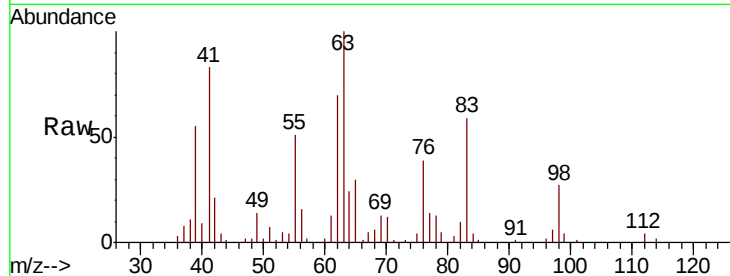
#45
 1,2-Dichloropropane
 Concen: 51.644 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 85256
 Ion Ratio Lower Upper
 63 100
 65 30.5 26.0 39.0

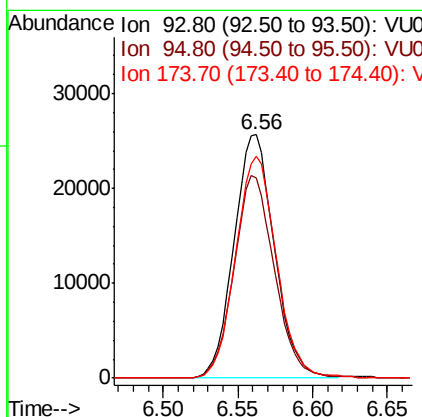
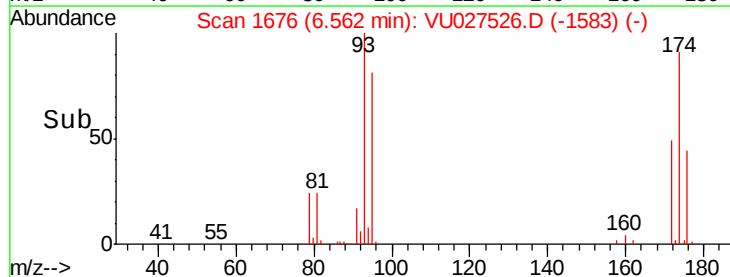
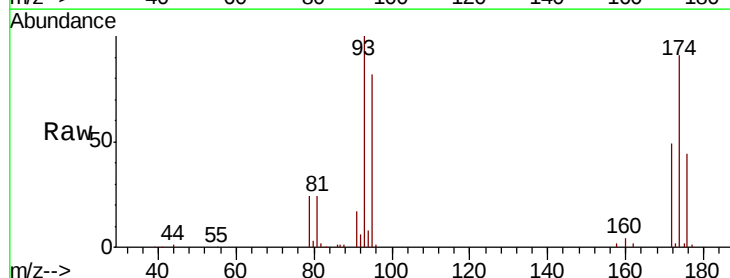
Manual Integrations
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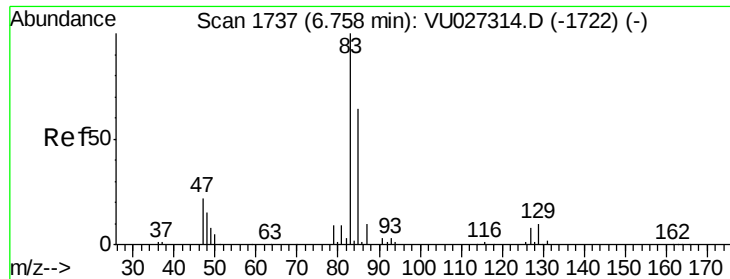
MMDadoda
 10/11/2018 9:01:16 AM



#46
 Dibromomethane
 Concen: 51.927 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Tgt Ion: 93 Resp: 48415
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.5 99.7
 174 91.9 72.5 108.7





#47

Bromodichloromethane

Concen: 51.993 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

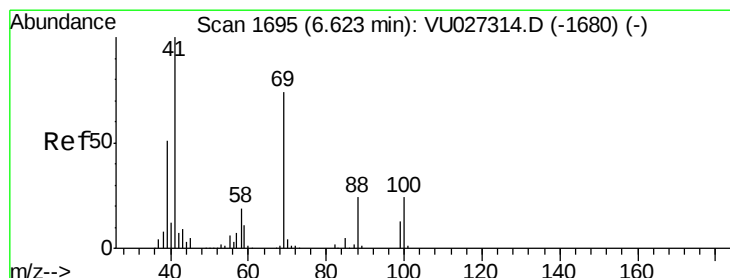
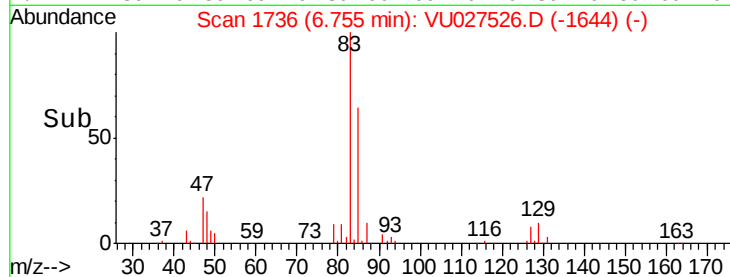
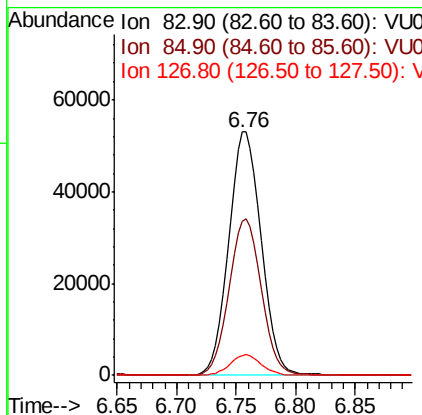
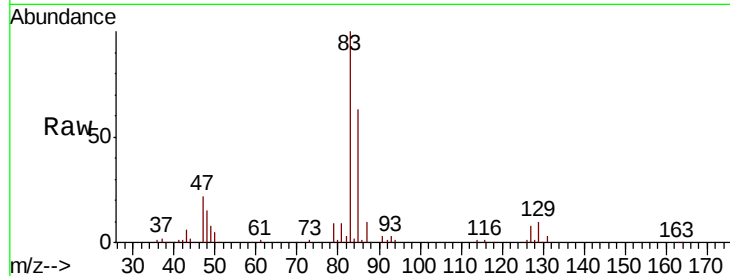
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	100588
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.4	77.0
127	8.2	6.3	9.5

Manual Integrations
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10/11/2018 9:01:16 AM



#48

Methyl methacrylate

Concen: 53.841 ug/l

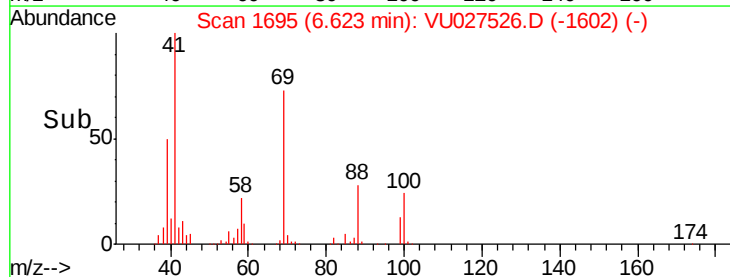
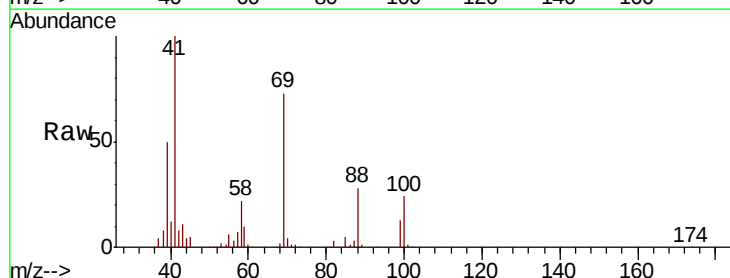
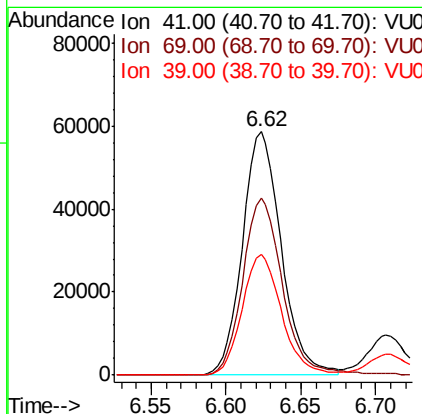
RT: 6.62 min Scan# 1695

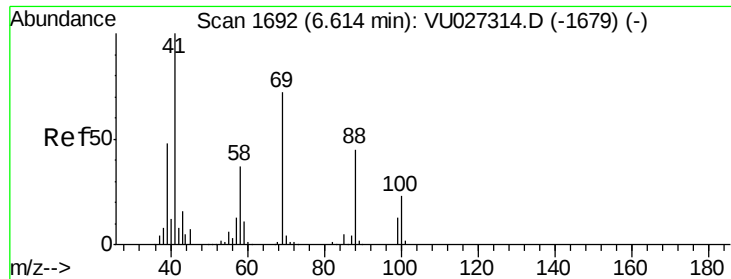
Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Tgt Ion:	41	Resp:	105597
Ion Ratio	Lower	Upper	
41	100		
69	74.9	61.0	91.4
39	50.7	39.9	59.9





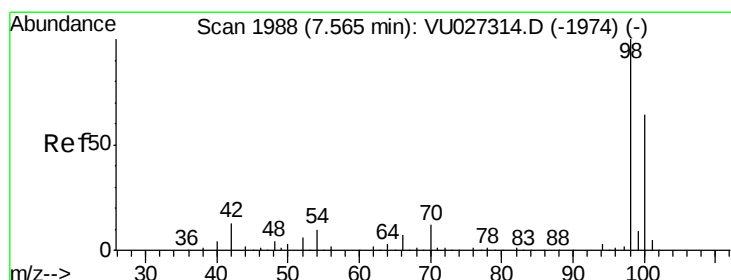
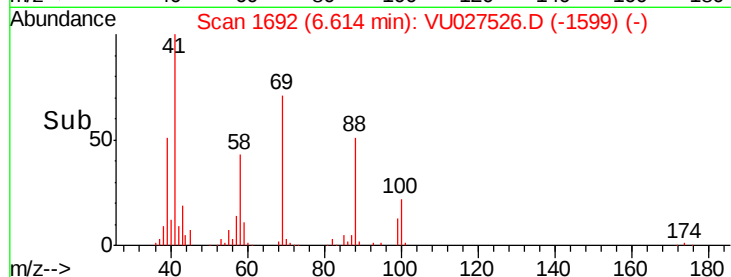
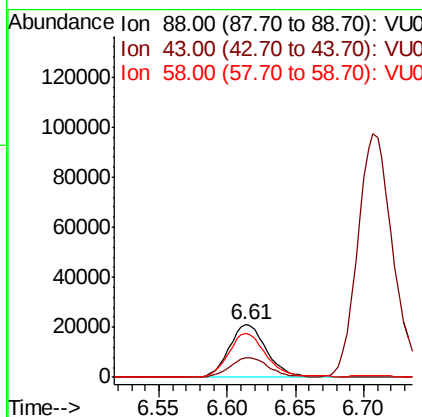
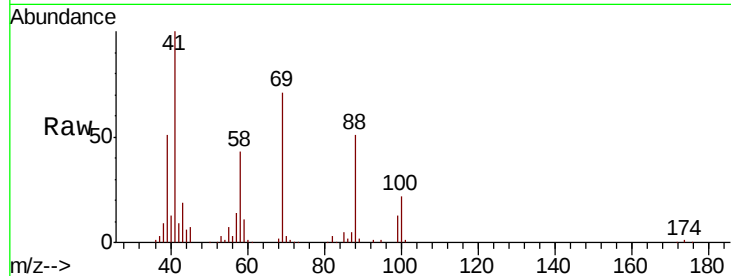
#49
1,4-Dioxane
Concen: 1186.800 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.5	30.8	46.2
58	84.7	67.0	100.6

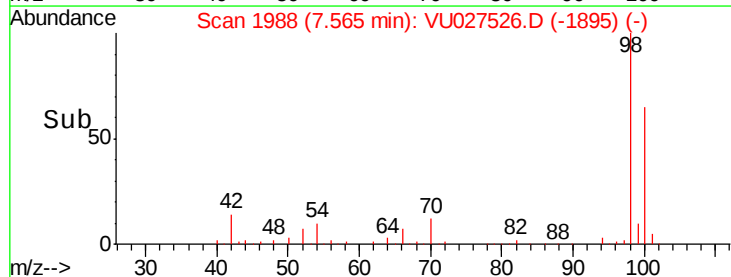
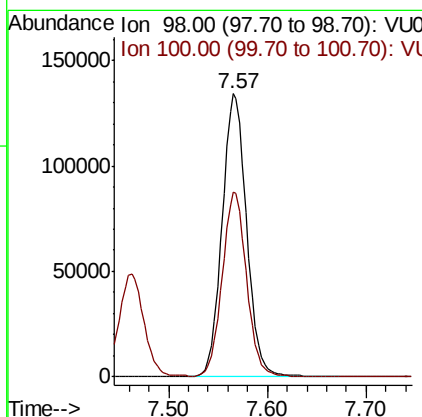
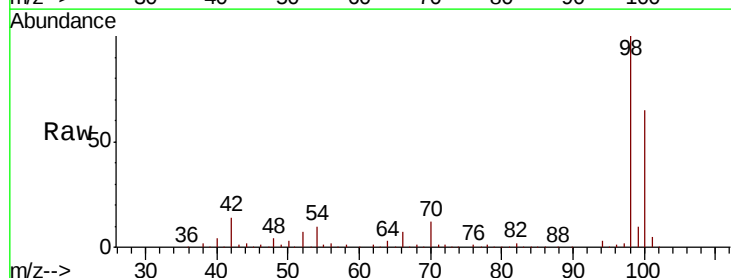
Manual Integrations
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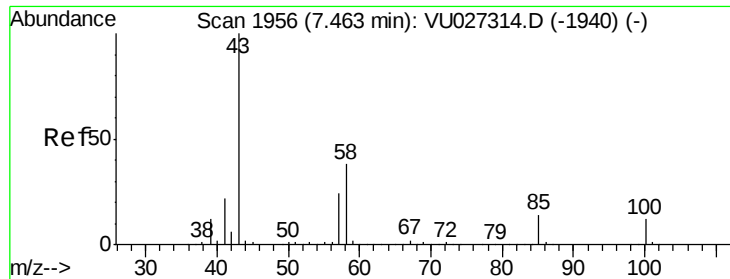
MMDadoda
10/11/2018 9:01:16 AM



#50
Toluene-d8
Concen: 50.523 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 272.884 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 699355

Ion Ratio Lower Upper

43 100

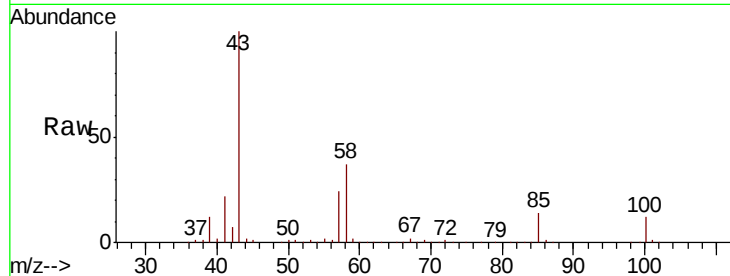
58 37.1 29.8 44.8

Manual Integrations

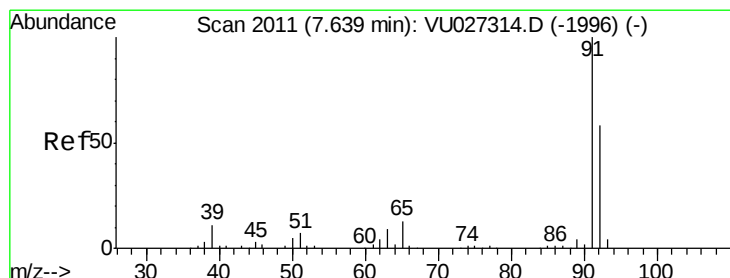
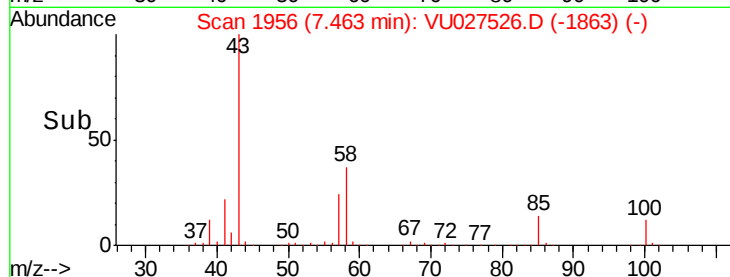
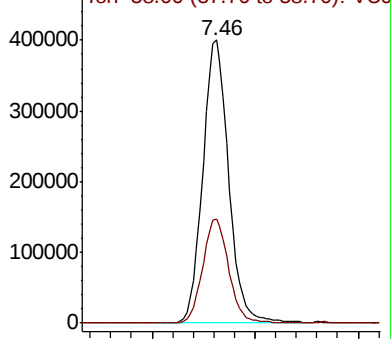
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Abundance Ion 43.00 (42.70 to 43.70): VU027526.D (-1863) (-)



#52

Toluene

Concen: 50.486 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027526.D

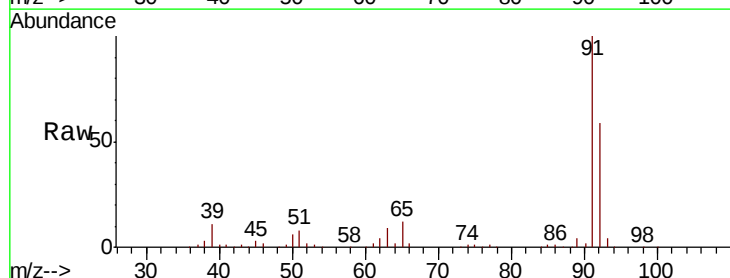
Acq: 09 Oct 2018 17:09

Tgt Ion: 92 Resp: 171029

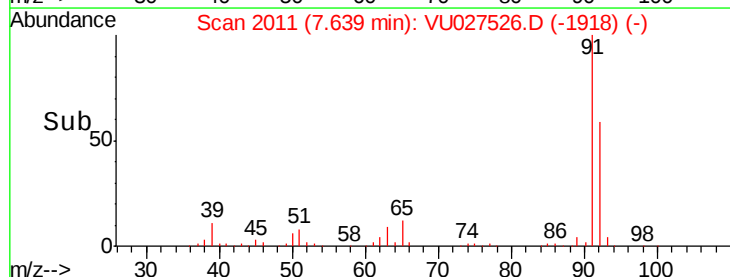
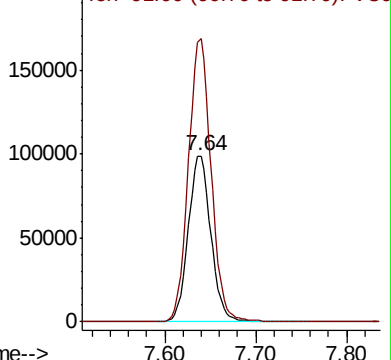
Ion Ratio Lower Upper

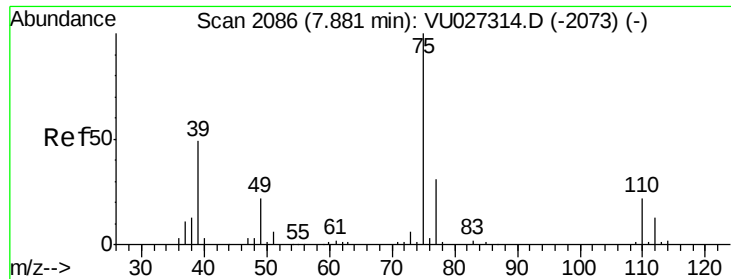
92 100

91 170.9 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027526.D (-1918) (-)





#53

t-1,3-Dichloropropene

Concen: 50.586 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 114747

Ion Ratio Lower Upper

75 100

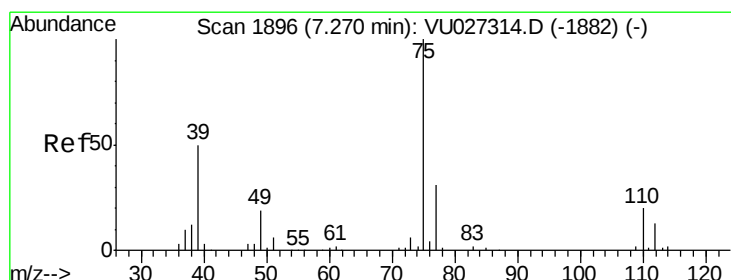
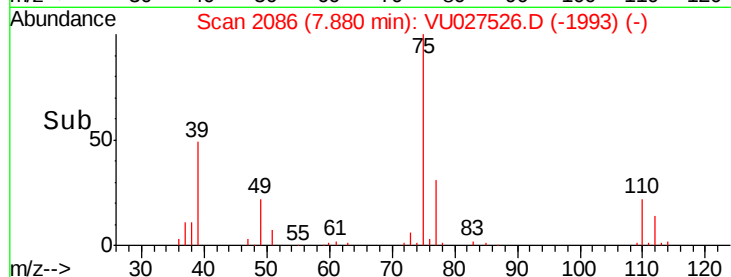
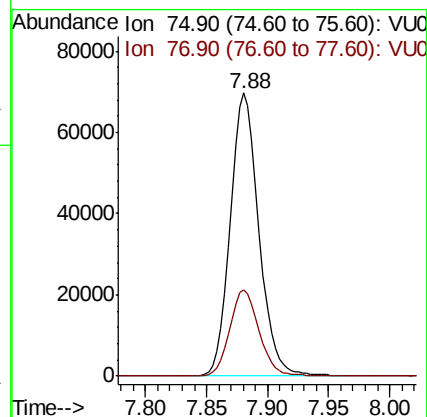
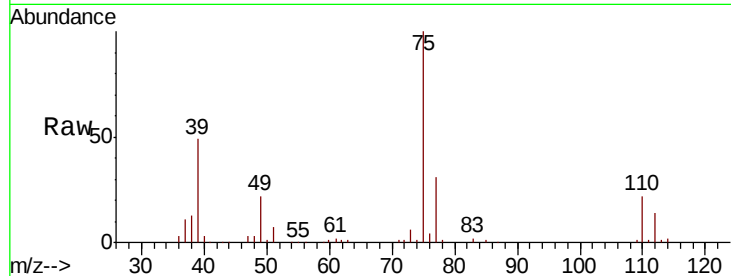
77 30.7 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.596 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

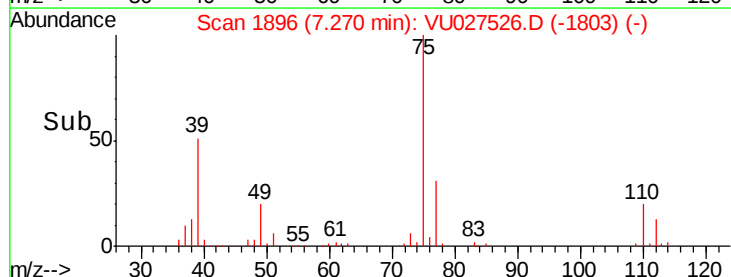
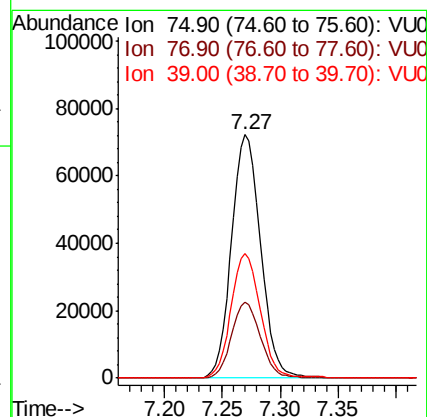
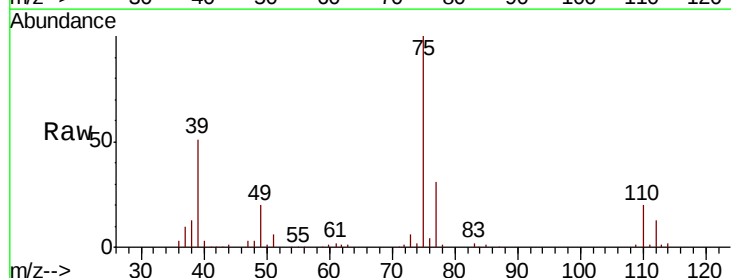
Tgt Ion: 75 Resp: 125819

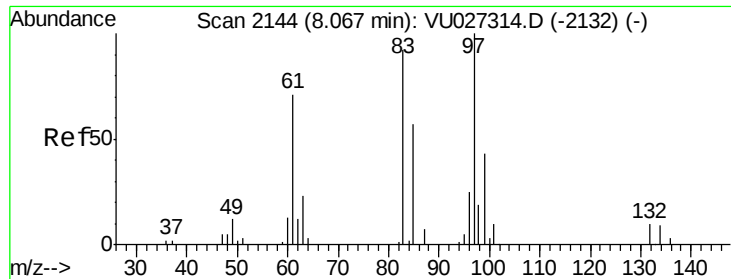
Ion Ratio Lower Upper

75 100

77 31.2 24.5 36.7

39 51.1 40.1 60.1





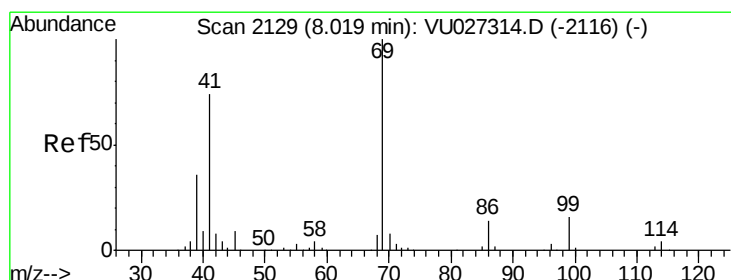
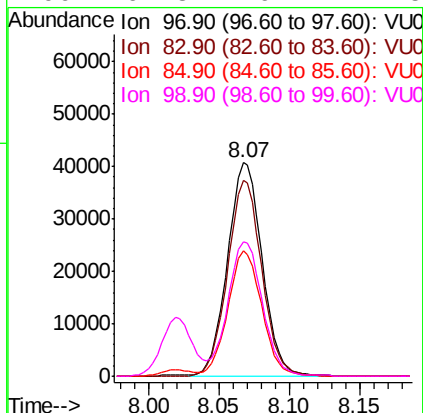
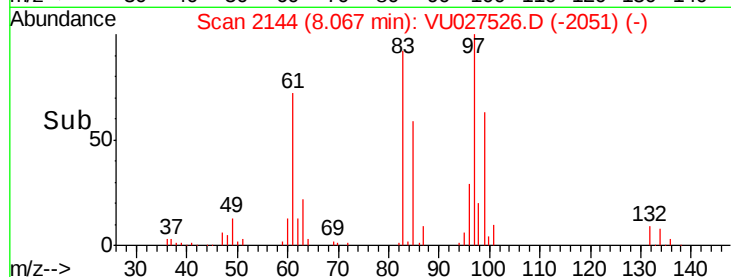
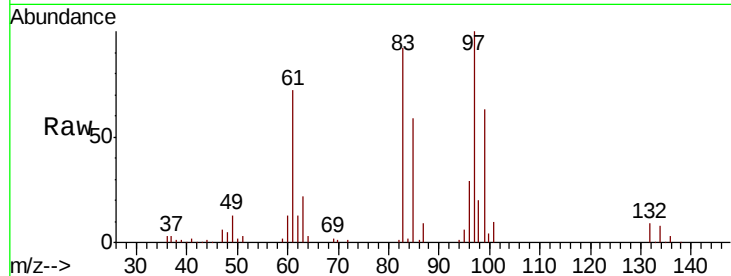
#55
 1,1,2-Trichloroethane
 Concen: 52.158 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
97	100		
83	91.5	73.0	109.6
85	58.4	47.3	70.9
99	62.8	49.7	74.5

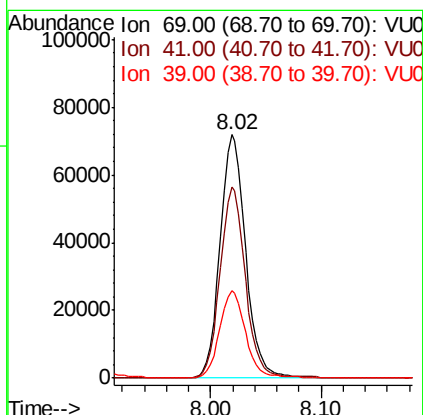
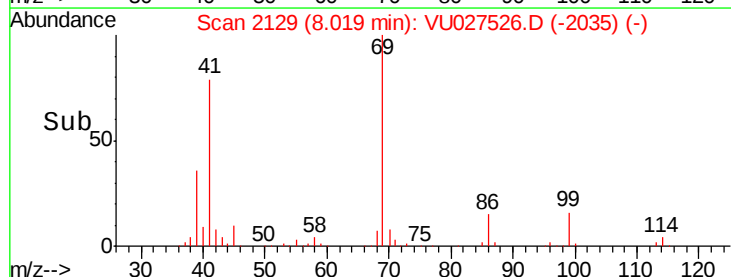
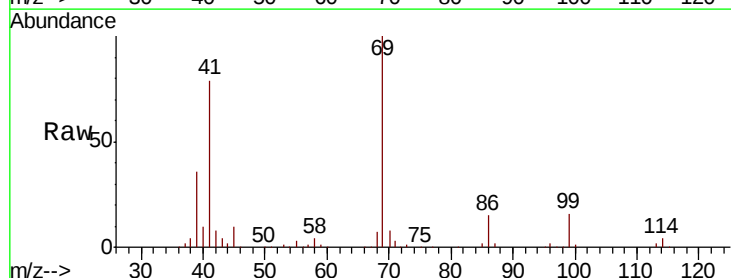
Manual Integrations
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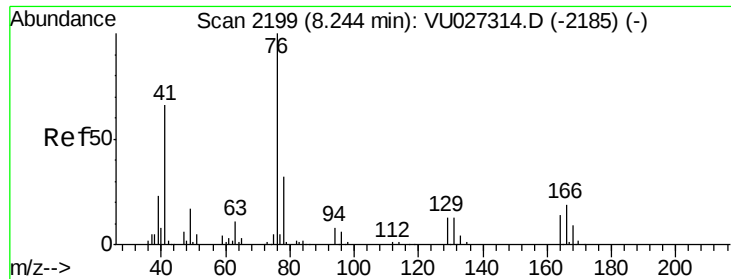
MMDadoda
 10/11/2018 9:01:16 AM



#56
 Ethyl methacrylate
 Concen: 45.098 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Tgt Ion	Resp	Lower	Upper
69	100		
41	78.4	60.0	90.0
39	35.9	29.5	44.3





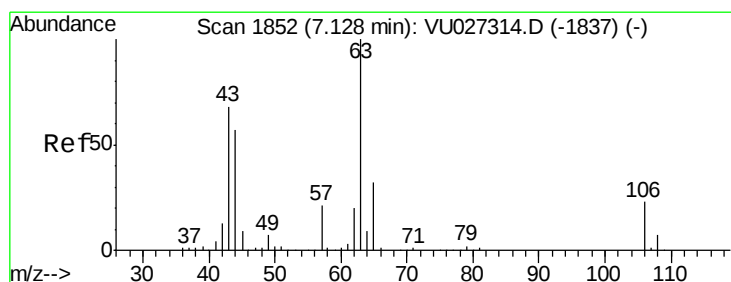
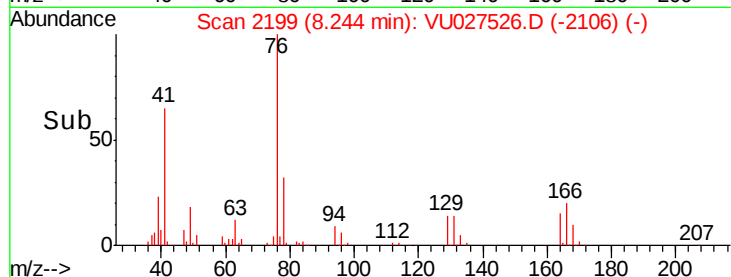
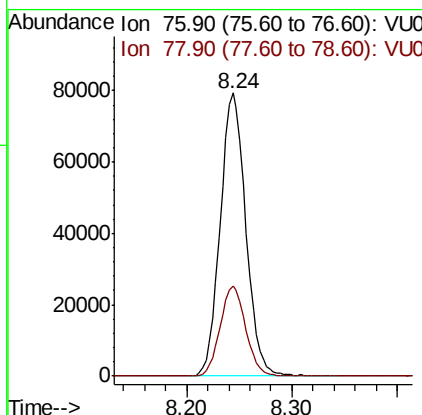
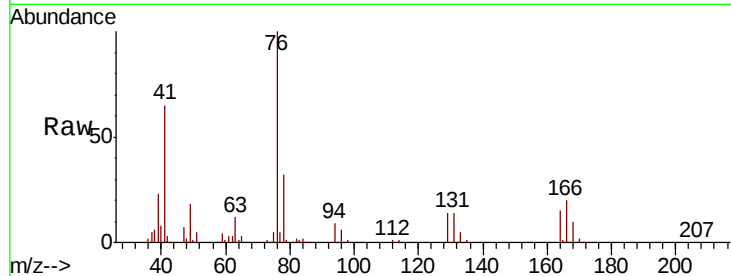
#57
 1,3-Dichloropropane
 Concen: 51.010 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 133004
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6

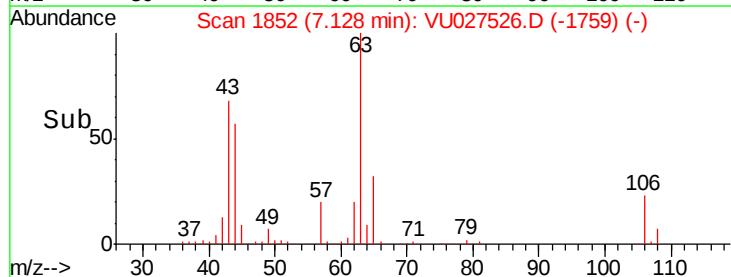
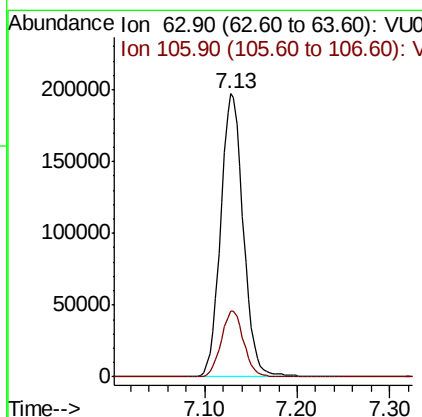
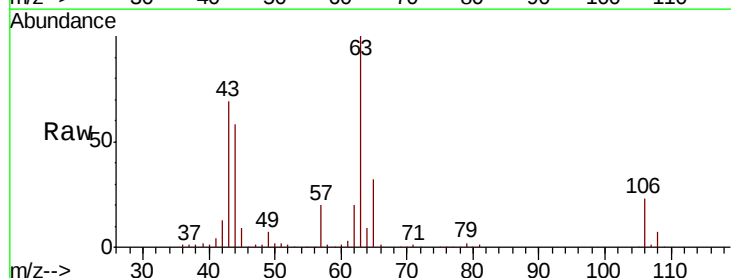
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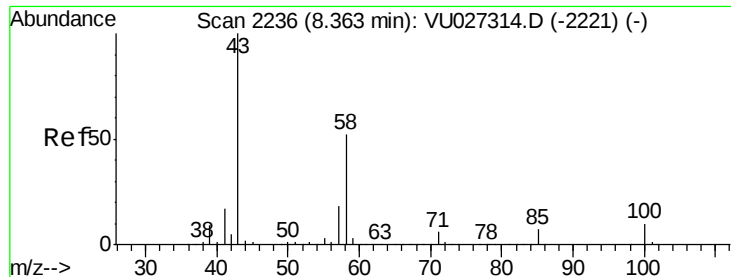
MMDadoda
 10/11/2018 9:01:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.662 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Tgt Ion: 63 Resp: 333647
 Ion Ratio Lower Upper
 63 100
 106 23.3 18.5 27.7





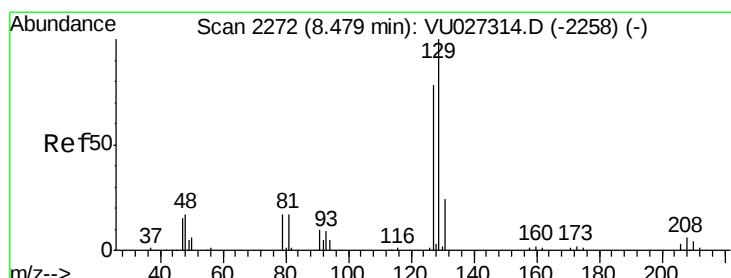
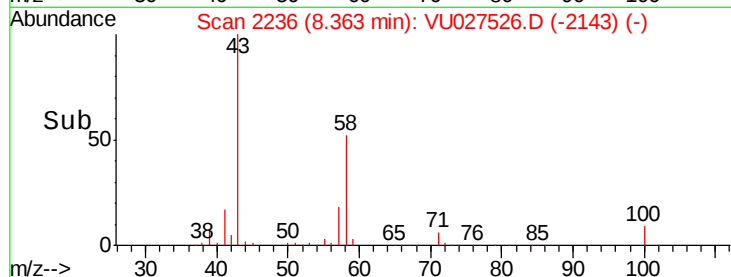
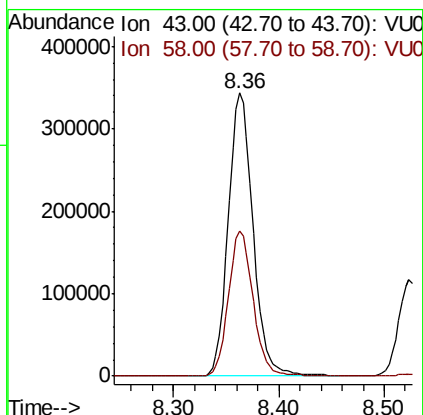
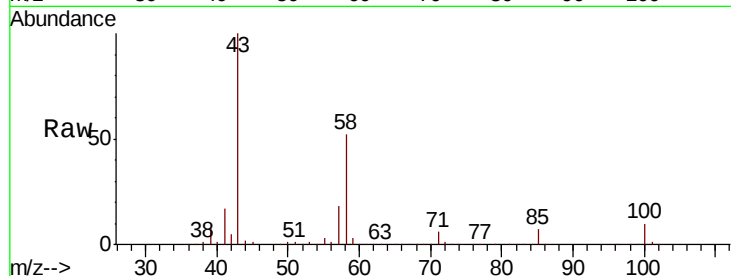
#59
2-Hexanone
Concen: 280.233 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 557116
Ion Ratio Lower Upper
43 100
58 51.3 26.1 78.3

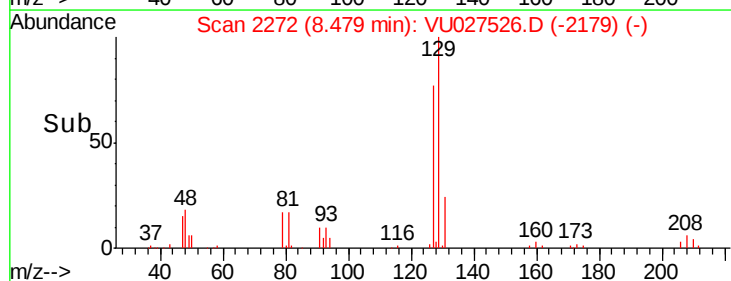
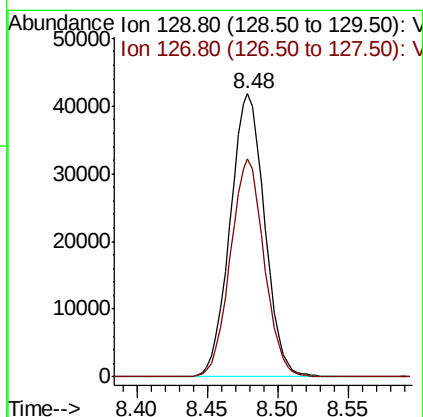
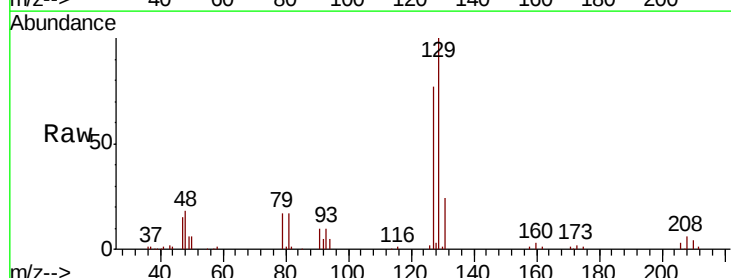
Manual Integrations
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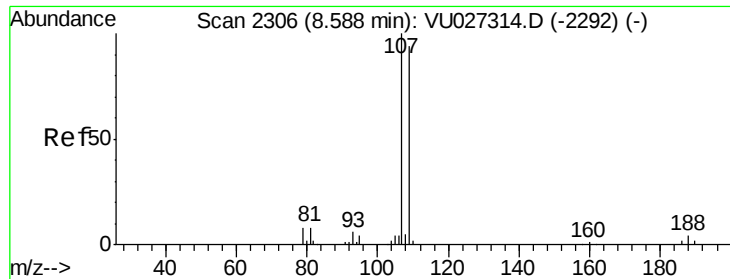
MMDadoda
10/11/2018 9:01:16 AM



#60
Dibromochloromethane
Concen: 53.216 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion: 129 Resp: 71688
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.2





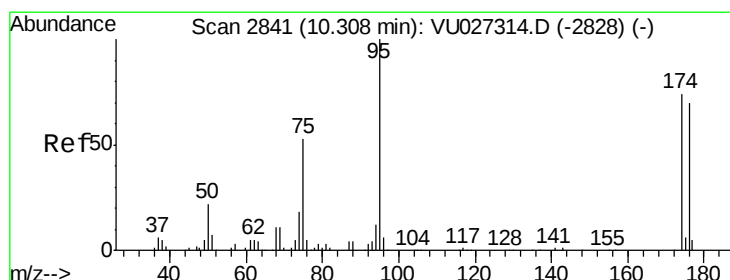
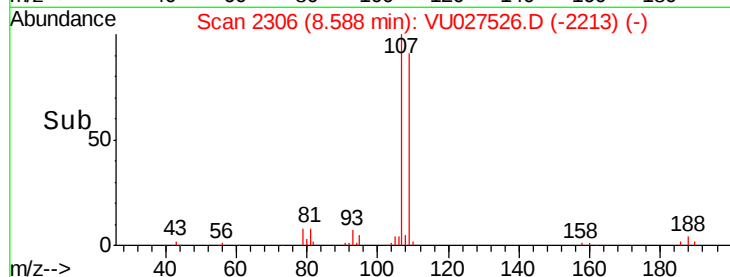
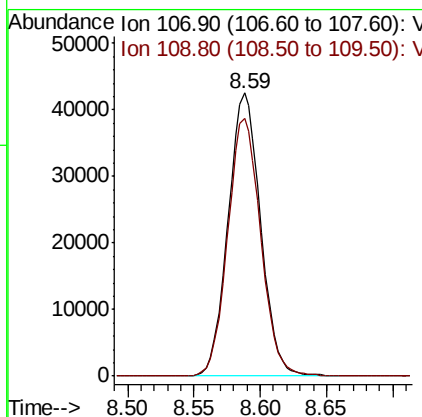
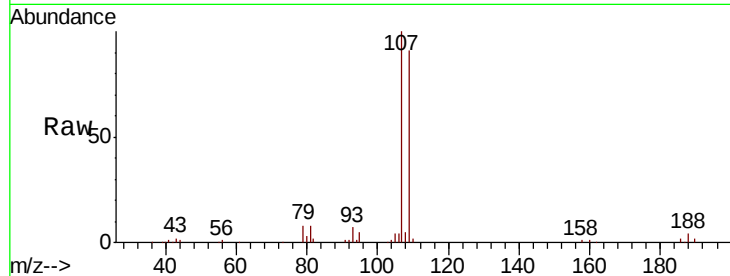
#61
 1,2-Dibromoethane
 Concen: 50.578 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 72229
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.5 111.7

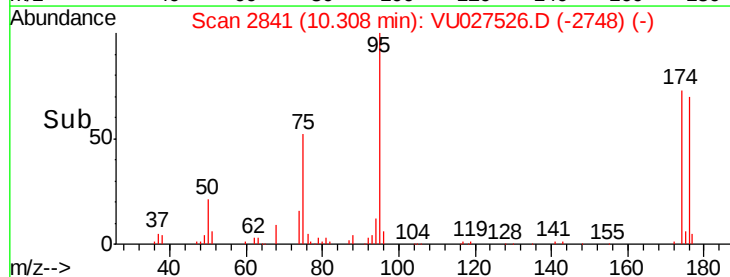
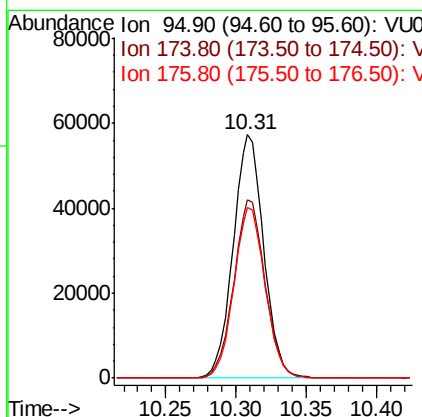
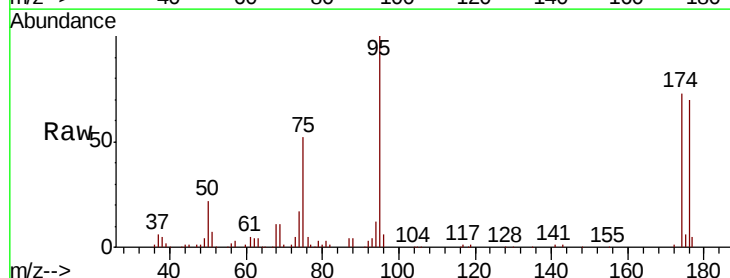
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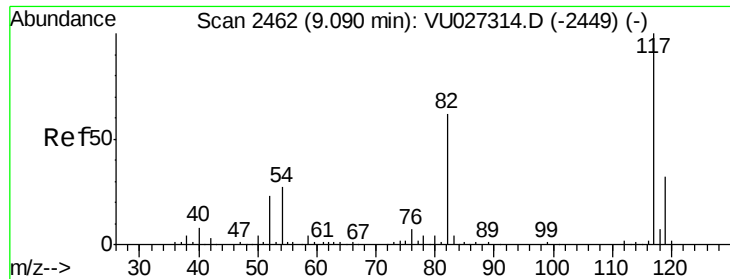
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#62
 4-Bromofluorobenzene
 Concen: 50.393 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Tgt Ion: 95 Resp: 86930
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 147.8
 176 71.9 0.0 140.8





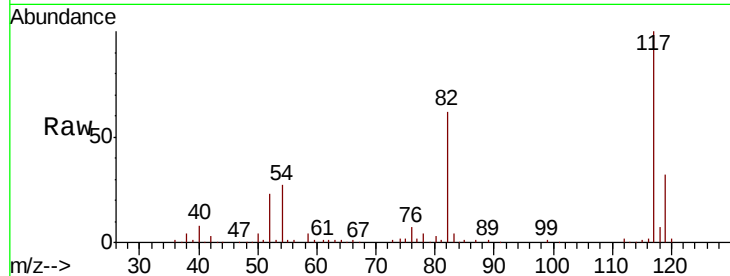
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

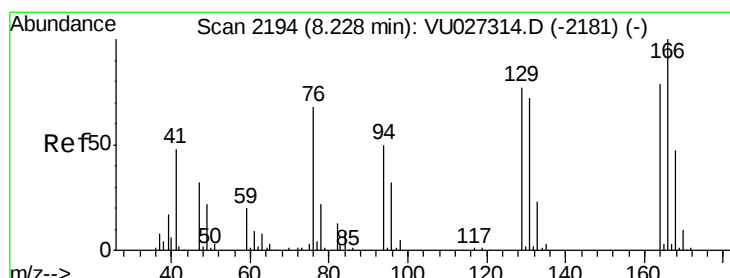
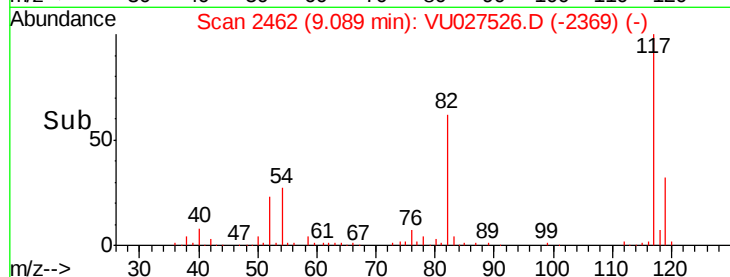
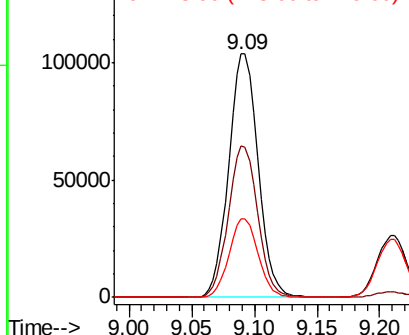
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	169239		
82	62.1	49.2	73.8	
119	32.3	25.7	38.5	

Manual Integrations
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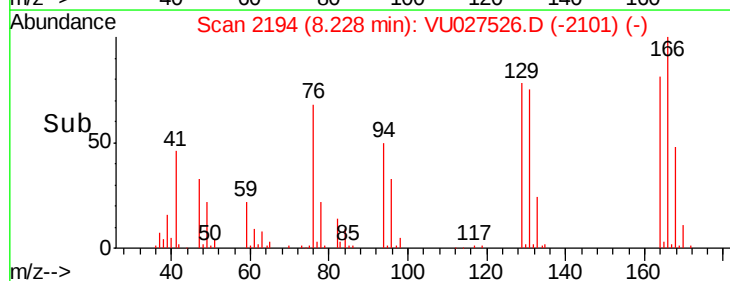
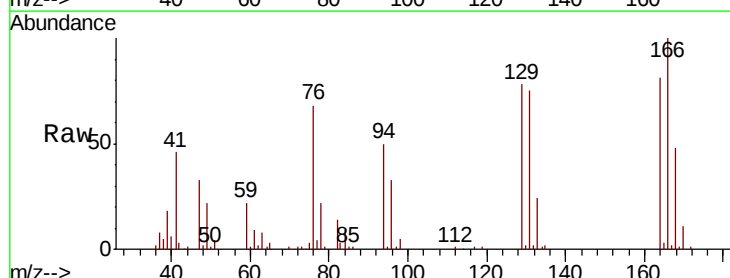
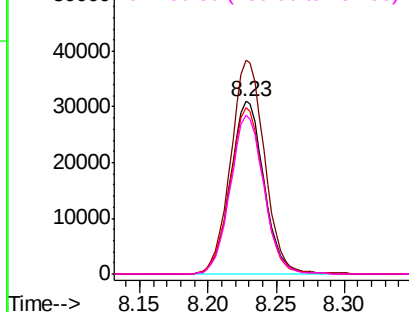
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

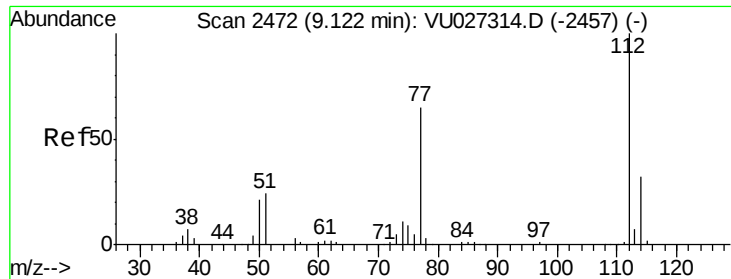


#64
Tetrachloroethene
Concen: 50.063 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	52743		
166	123.8	101.0	151.6	
129	96.5	78.0	117.0	
131	92.2	72.6	109.0	

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





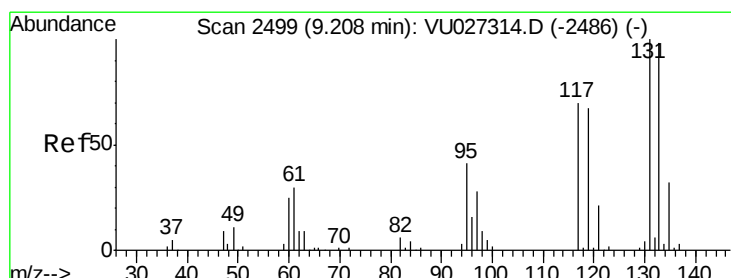
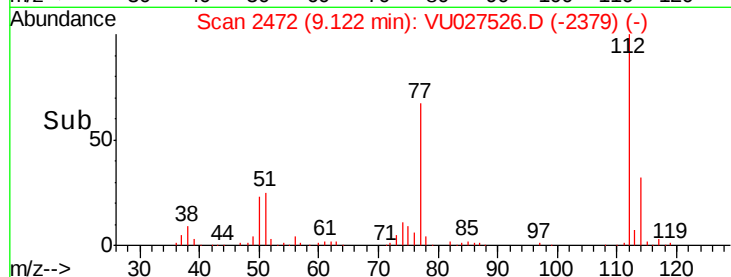
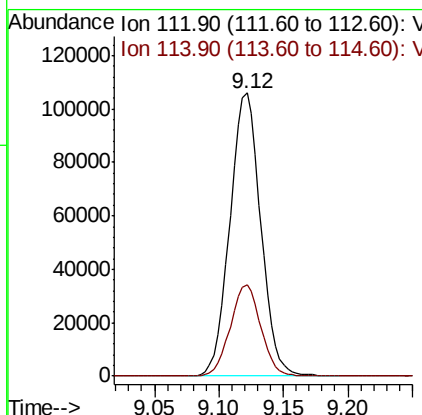
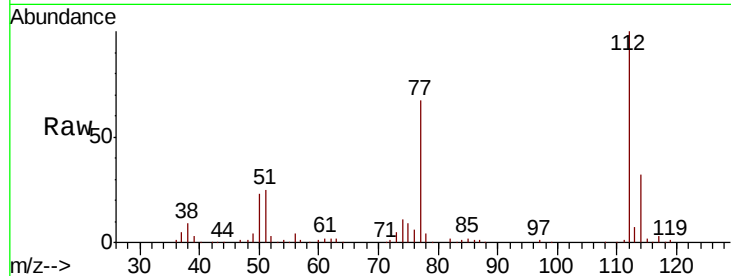
#65
Chlorobenzene
Concen: 49.385 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 175928
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

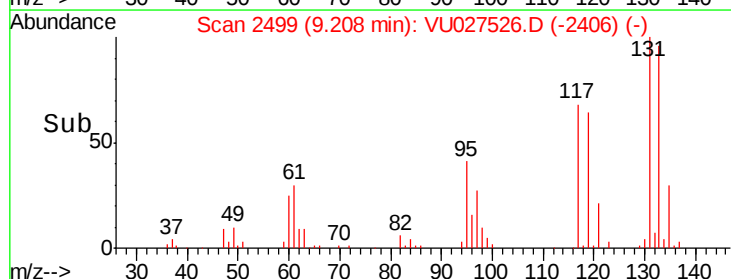
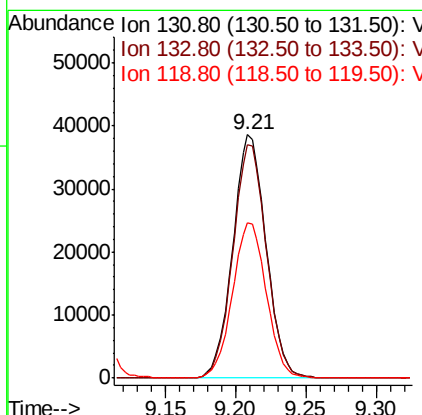
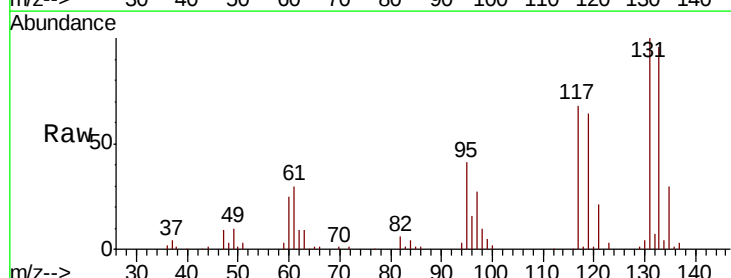
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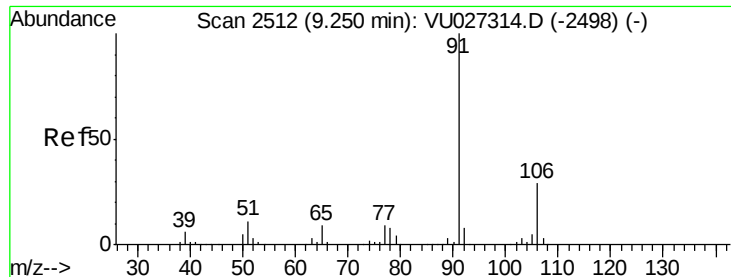
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.995 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion:131 Resp: 63943
Ion Ratio Lower Upper
131 100
133 96.5 48.5 145.6
119 64.8 33.5 100.4





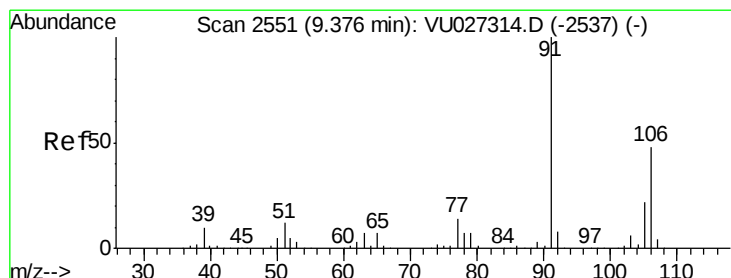
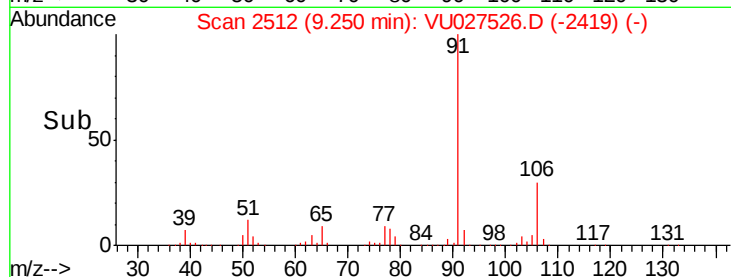
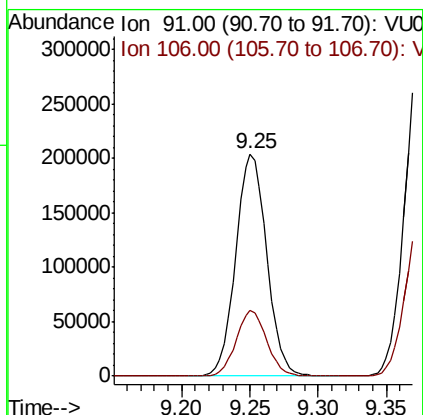
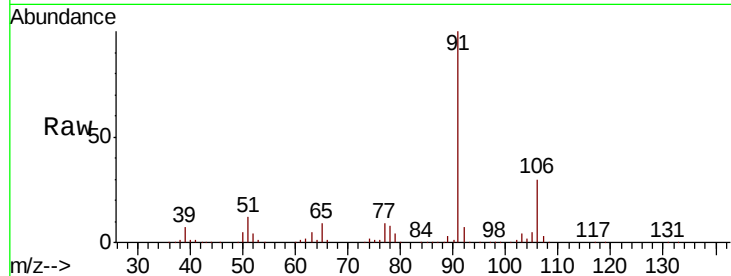
#67
Ethyl Benzene
Concen: 51.003 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 321903
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4

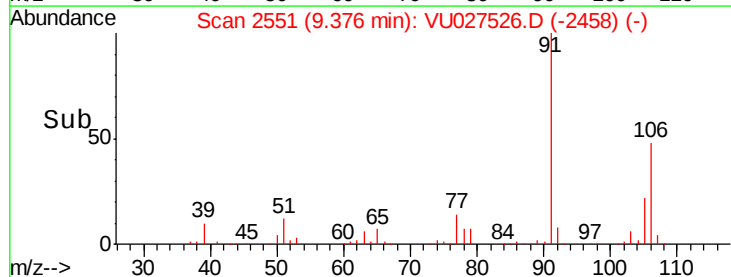
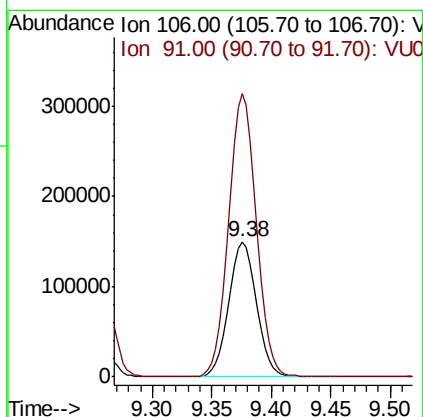
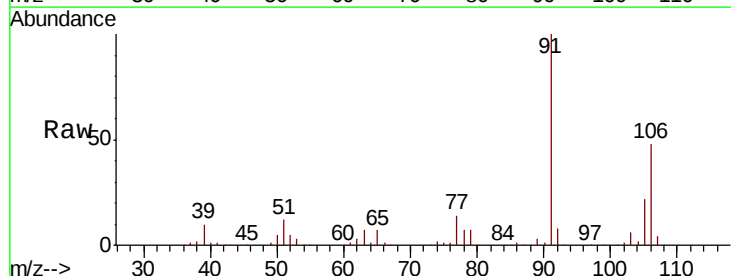
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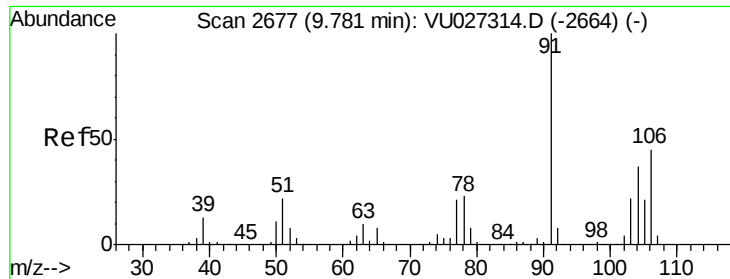
MMDadoda
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#68
m/p-Xylenes
Concen: 105.046 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion: 106 Resp: 242515
Ion Ratio Lower Upper
106 100
91 208.6 168.1 252.1





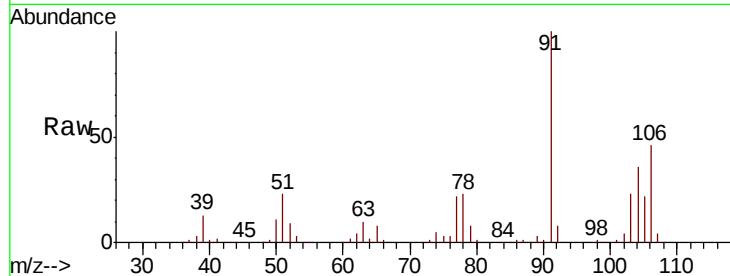
#69
o-Xylene
Concen: 52.546 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

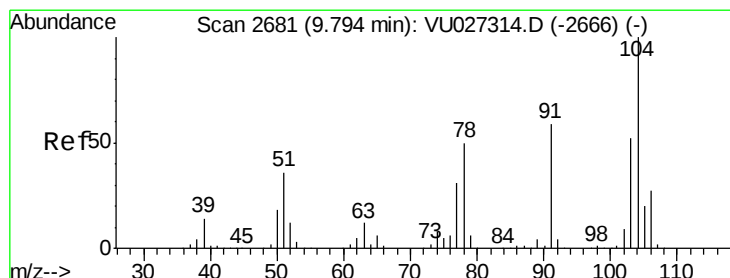
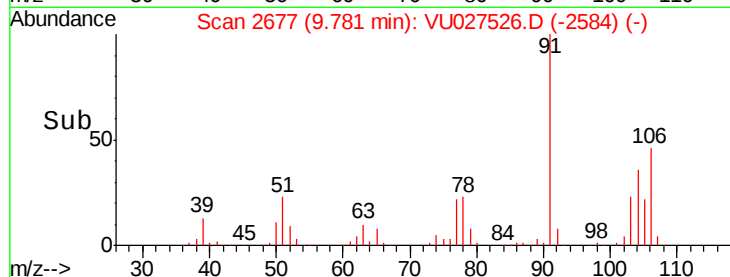
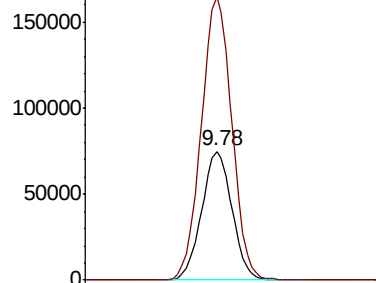
Tgt Ion:106 Resp: 115281
Ion Ratio Lower Upper
106 100
91 221.9 111.7 334.9

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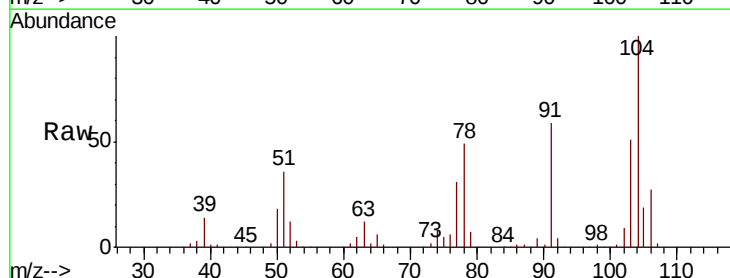


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

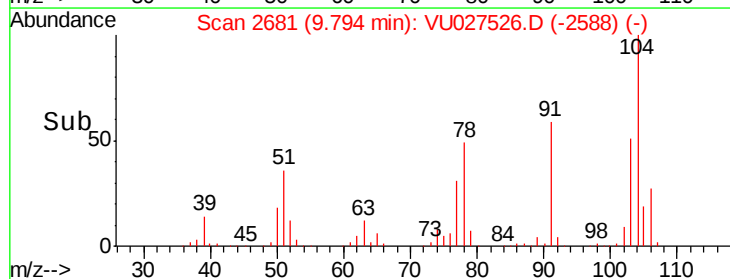
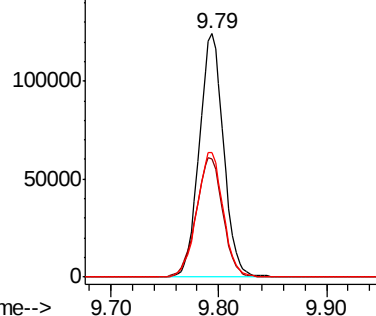


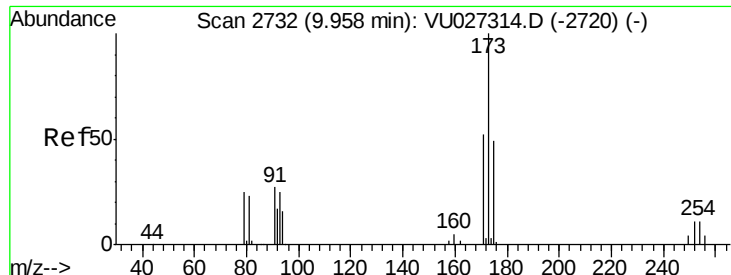
#70
Styrene
Concen: 47.744 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion:104 Resp: 195349
Ion Ratio Lower Upper
104 100
78 53.7 42.9 64.3
103 55.2 43.9 65.9



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





#71

Bromoform

Concen: 52.120 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

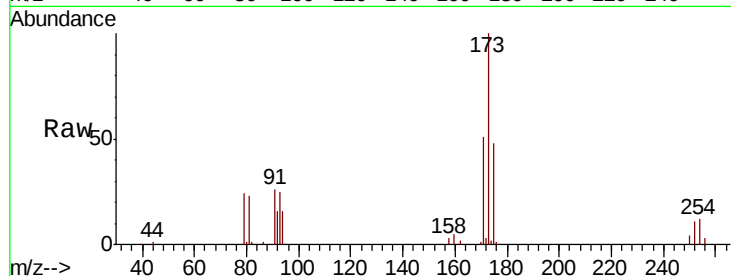
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	51569
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.3	73.0
254	0.0	0.0	0.0

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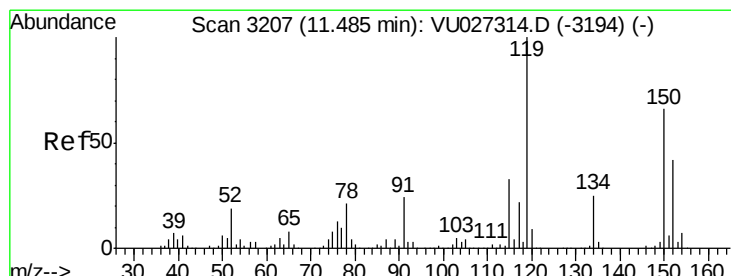
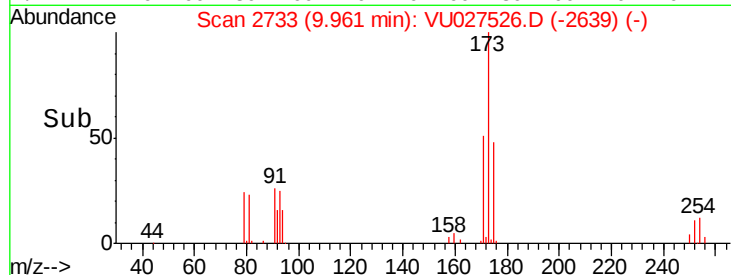
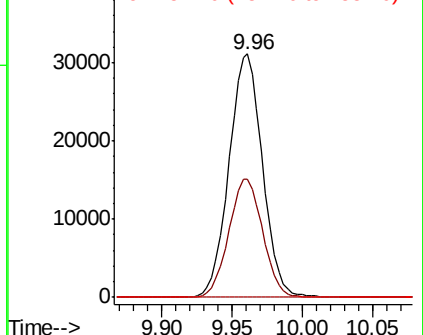


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

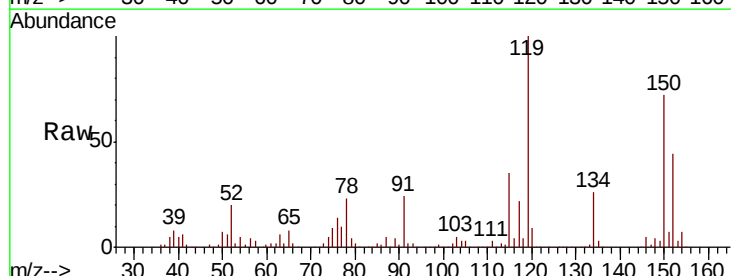
RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Tgt Ion:	152	Resp:	88819
Ion Ratio	Lower	Upper	
152	100		
115	86.0	43.4	130.2
150	173.6	0.0	349.2

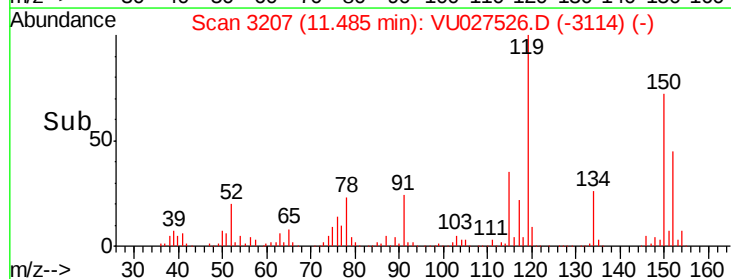
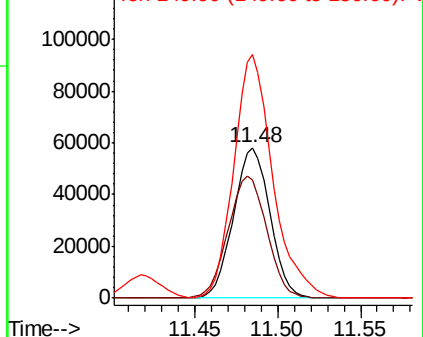


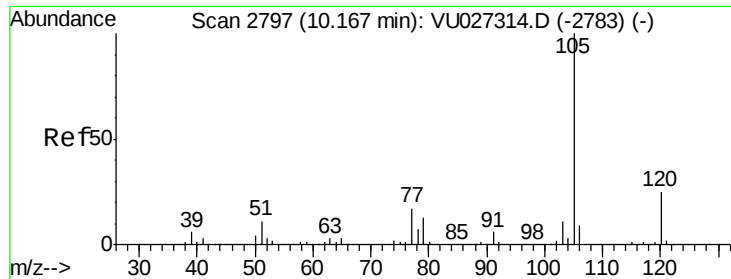
Abundance

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: 49.246 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 317675

Ion Ratio Lower Upper

105 100

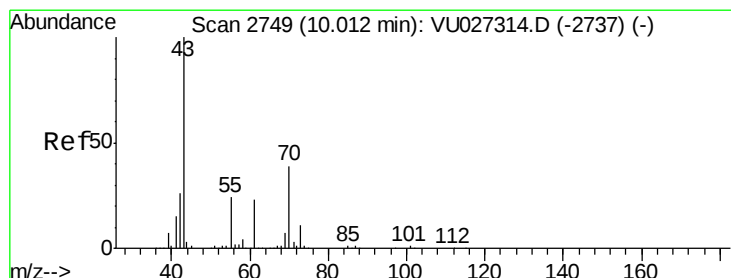
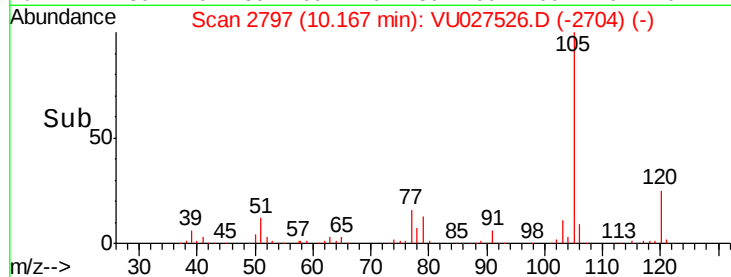
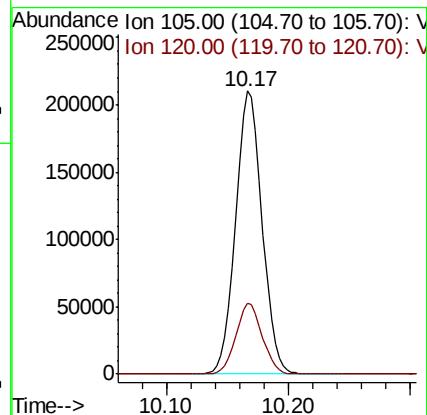
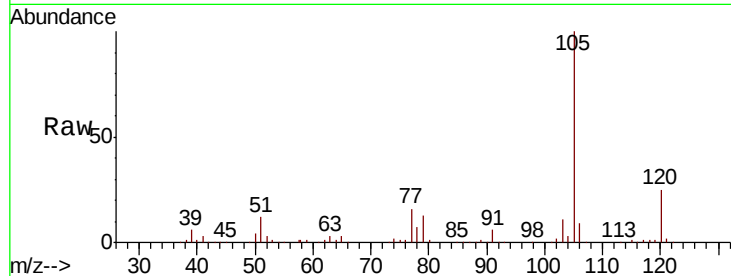
120 25.1 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.953 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Tgt Ion: 43 Resp: 180782

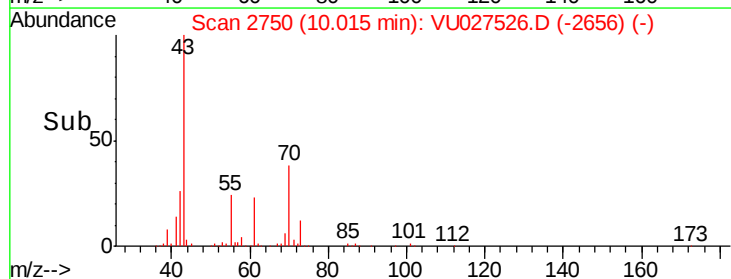
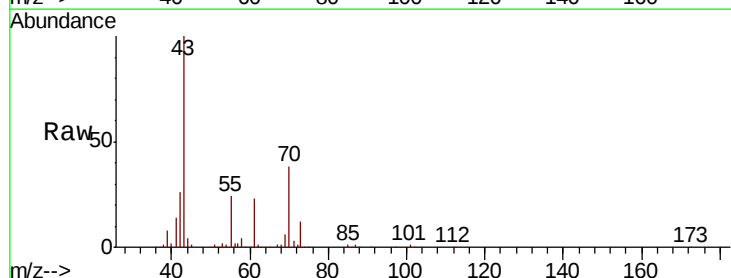
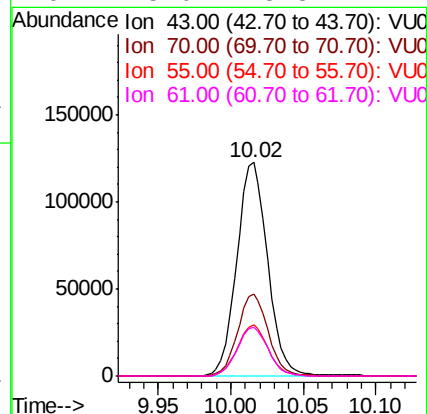
Ion Ratio Lower Upper

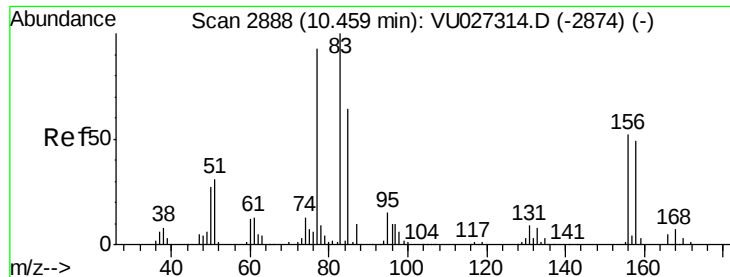
43 100

70 37.9 31.3 46.9

55 24.0 19.0 28.6

61 23.0 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.975 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 124051
Ion Ratio Lower Upper

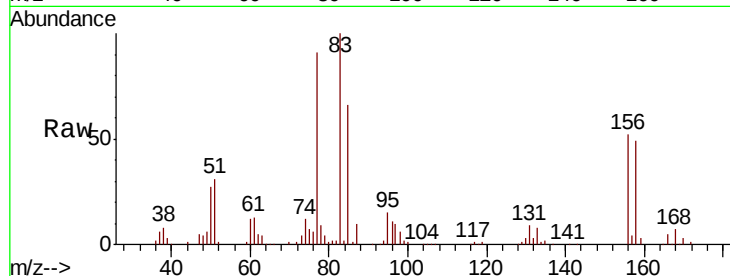
83 100

131 8.5 4.4 13.2

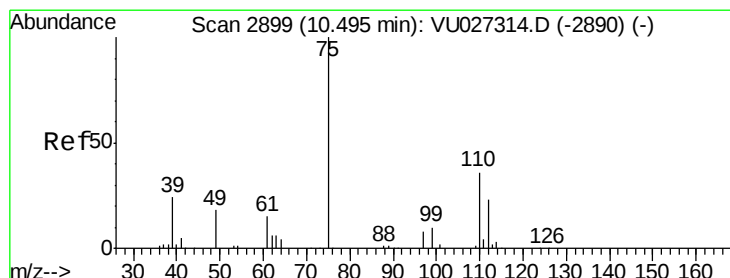
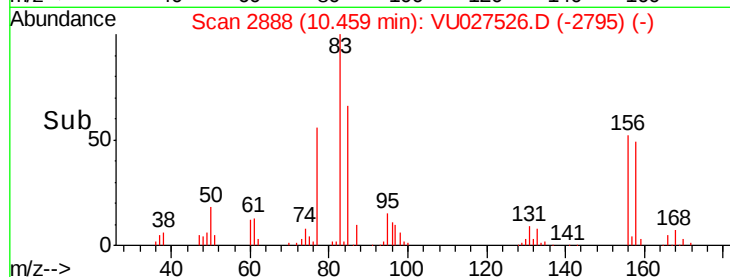
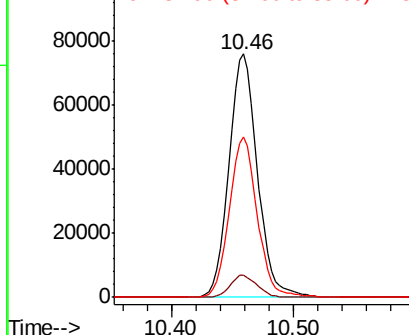
85 64.9 32.0 96.0

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Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 130.80 (130.50 to 131.50): VU0
Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 46.648 ug/l m

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

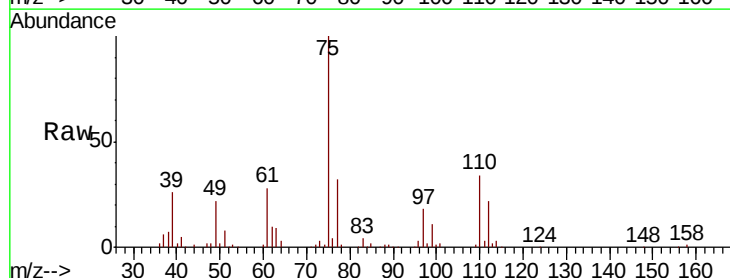
Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

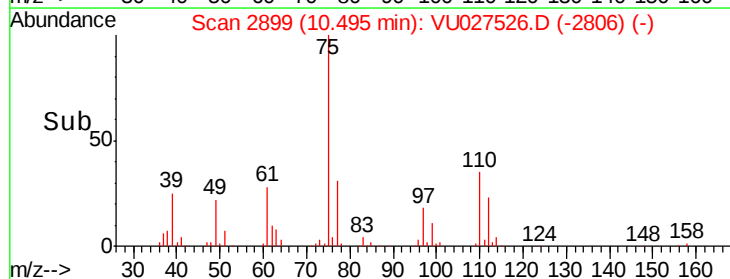
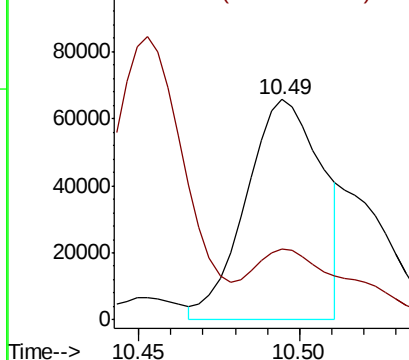
Tgt Ion: 75 Resp: 107403
Ion Ratio Lower Upper

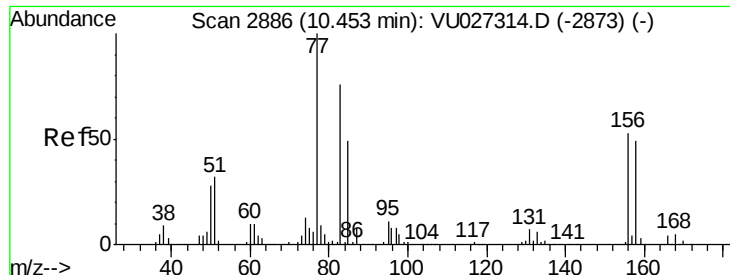
75 100

77 43.3 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 48.602 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Instrument :

MSVOA_U

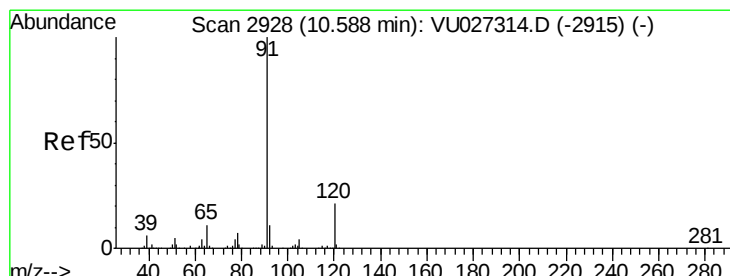
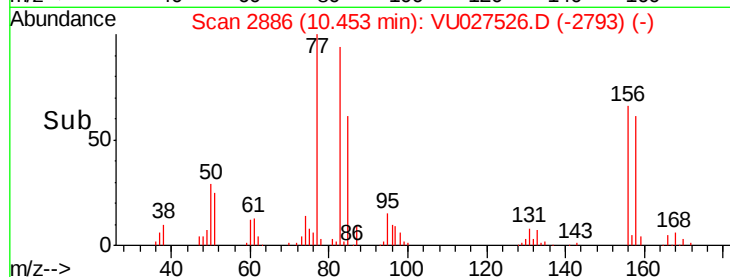
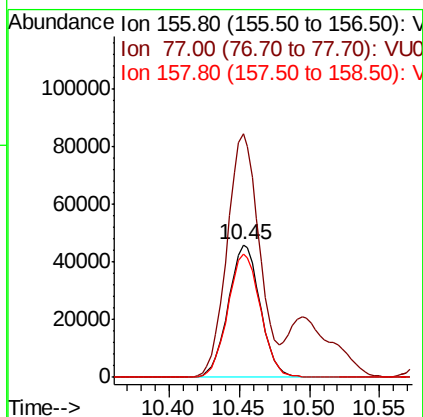
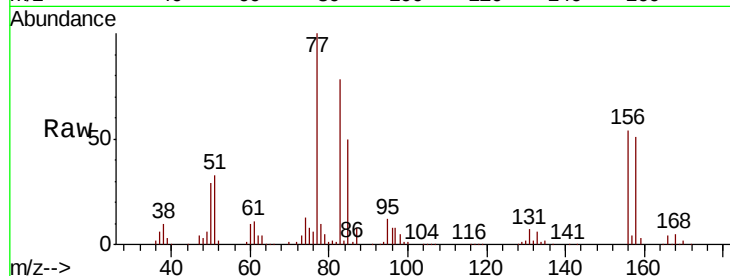
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	185.8	94.8	284.4
158	95.5	47.4	142.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.370 ug/l

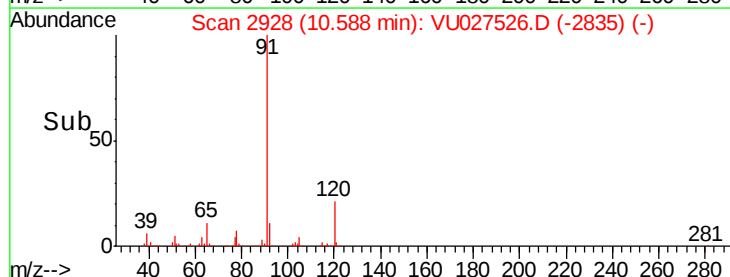
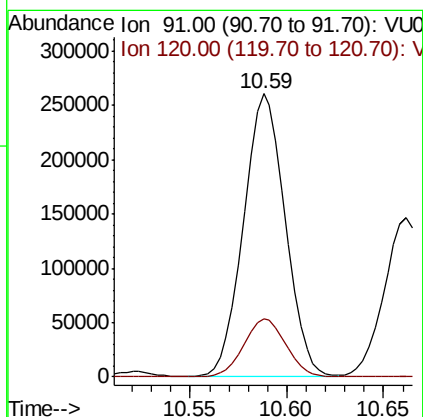
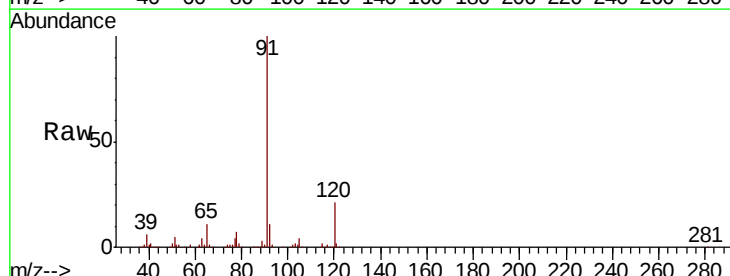
RT: 10.59 min Scan# 2928

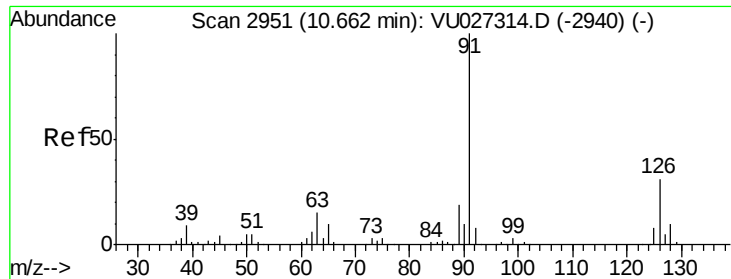
Delta R.T. -0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.7	10.6	31.8





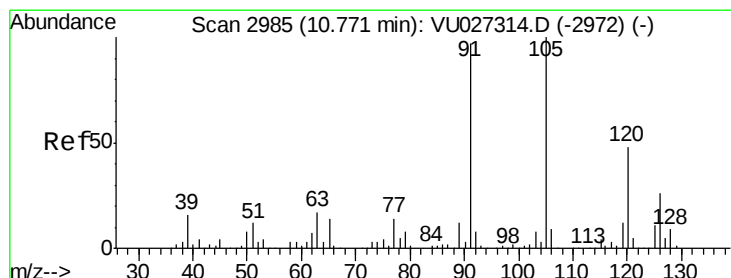
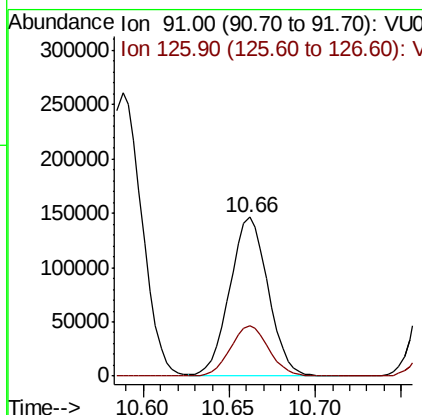
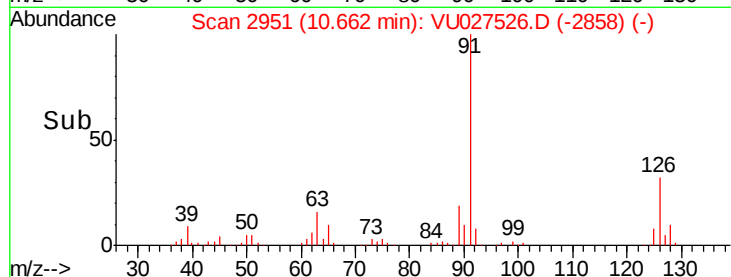
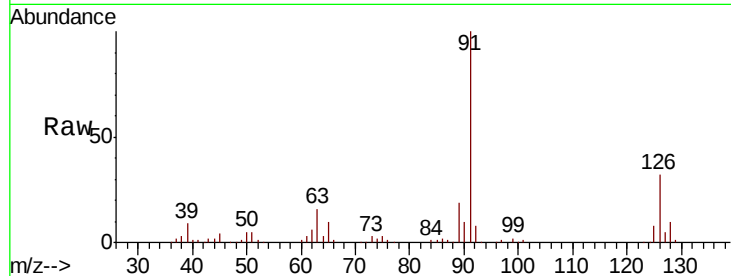
#79
 2-Chlorotoluene
 Concen: 48.199 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 22582
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.7 47.1

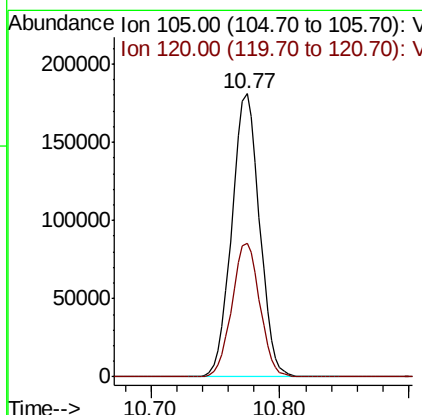
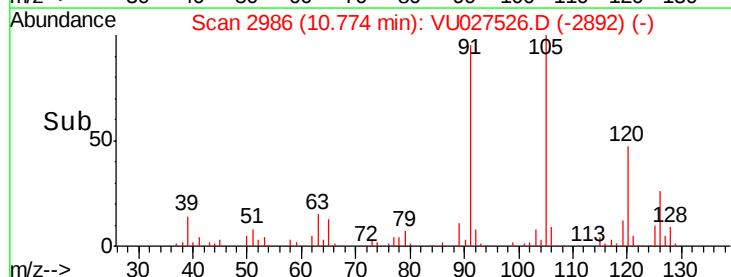
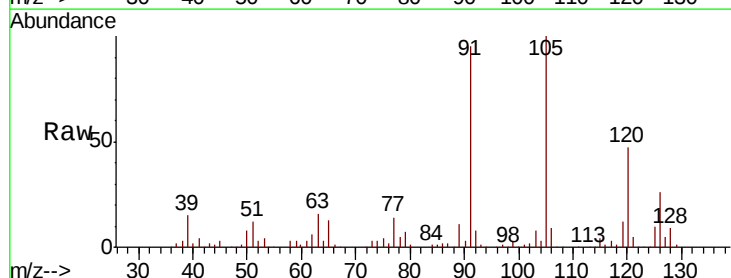
Manual Integrations
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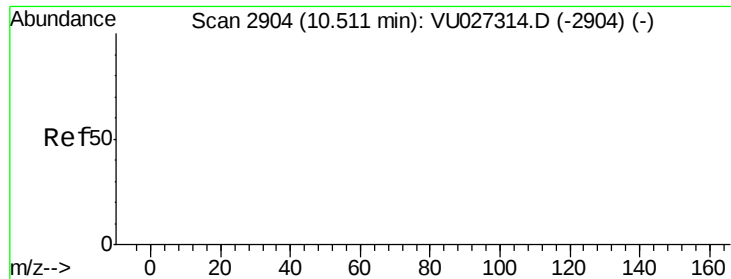
MMDadoda
 10/11/2018 9:01:16 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.471 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Tgt Ion: 105 Resp: 270322
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.937 ug/l m

RT: 10.51 min Scan# 2904

Delta R.T. -0.00 min

Lab File: VU027526.D

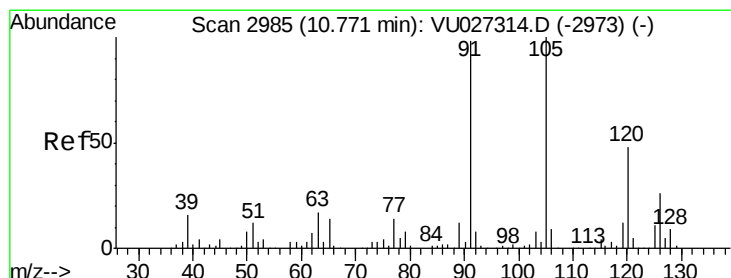
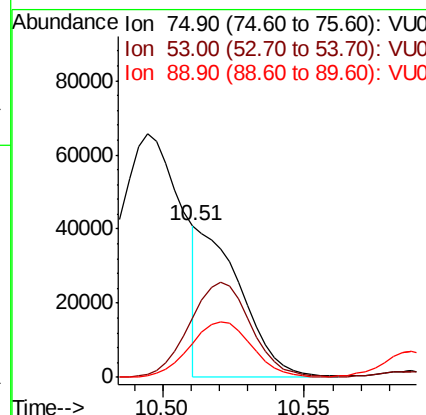
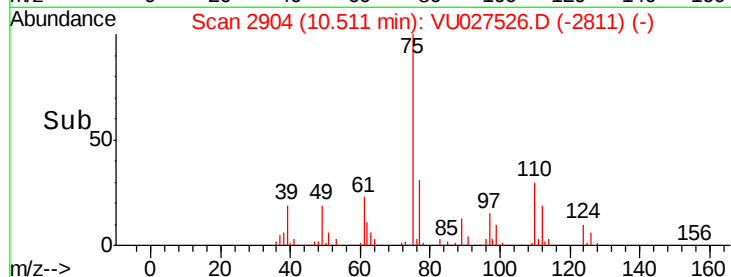
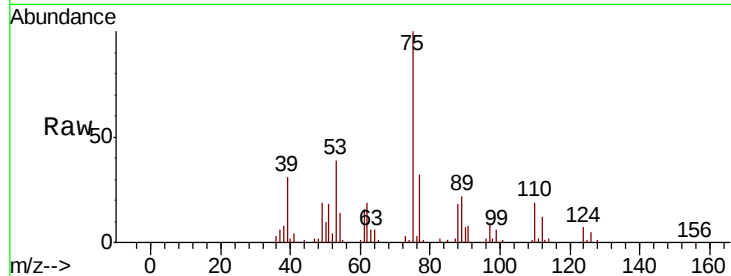
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt 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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10/11/2018 9:01:16 AM



#82

4-Chlorotoluene

Concen: 49.737 ug/l

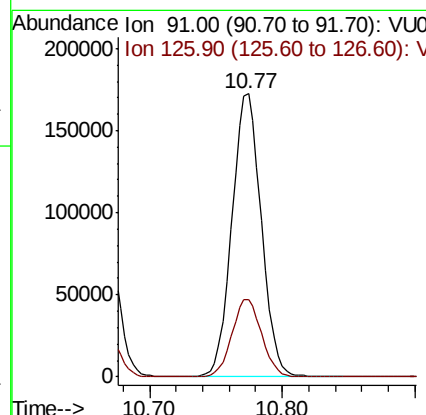
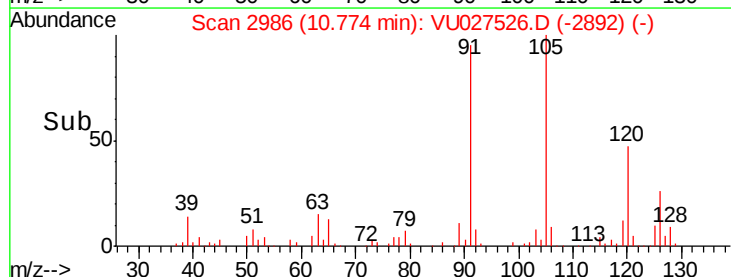
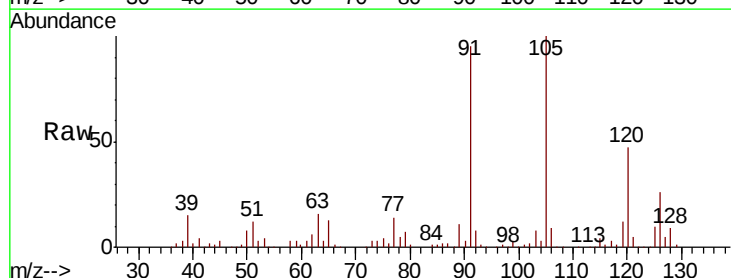
RT: 10.77 min Scan# 2986

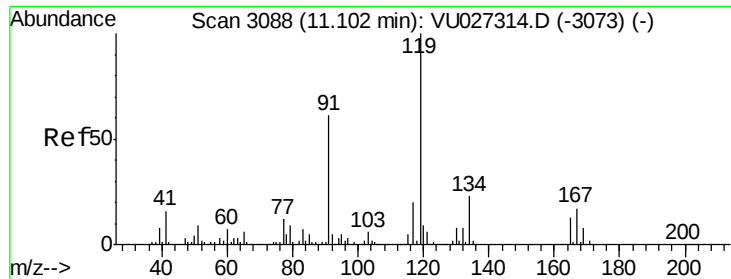
Delta R.T. 0.00 min

Lab File: VU027526.D

Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	13.6	40.8





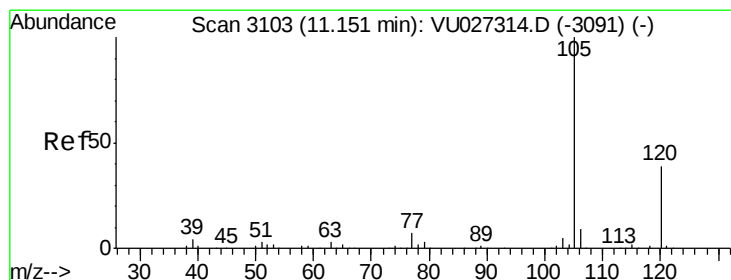
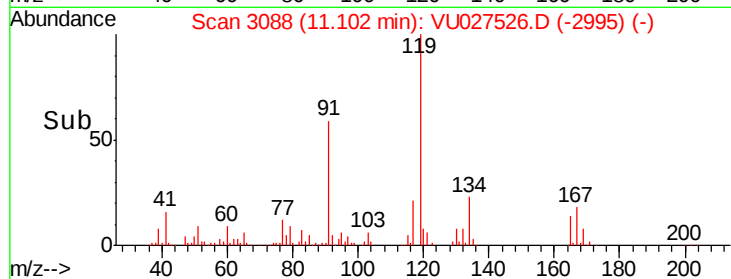
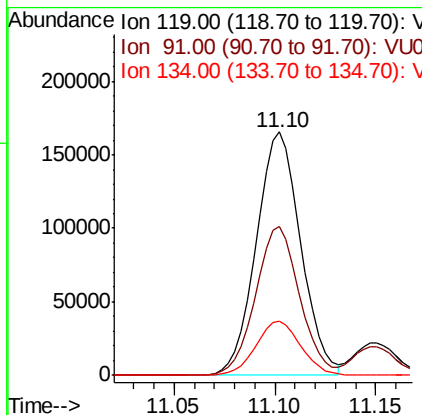
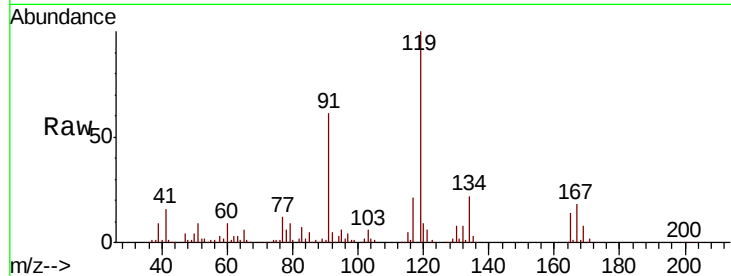
#83
tert-Butylbenzene
Concen: 50.155 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	254650		
91	60.7	30.3	91.0	
134	22.3	11.5	34.4	

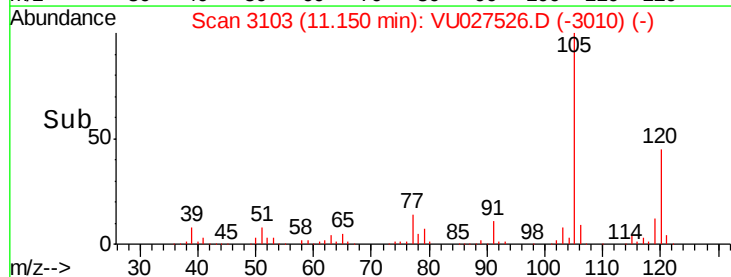
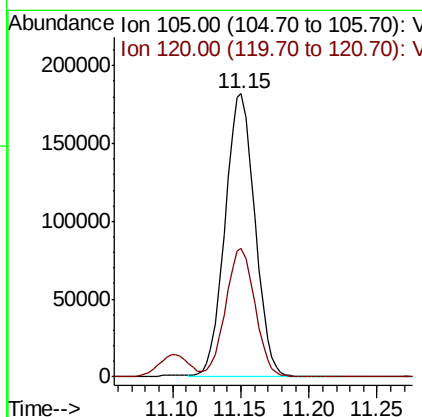
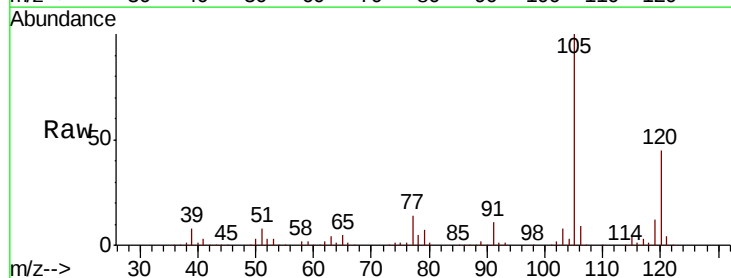
Manual Integrations
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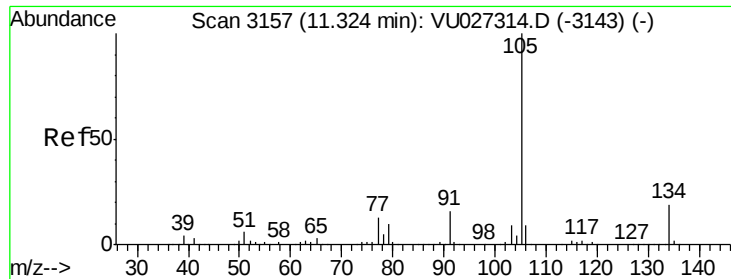
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.396 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	275728		
120	44.9	22.1	66.5	





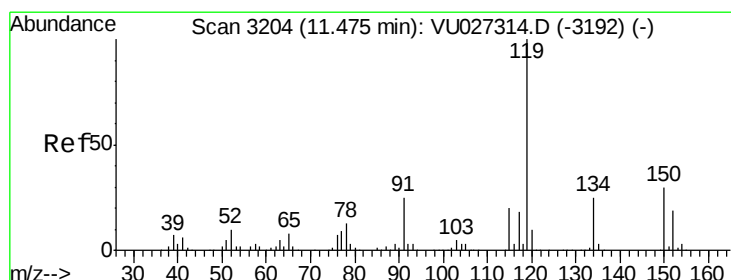
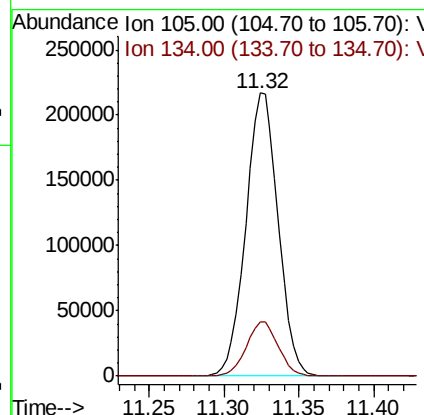
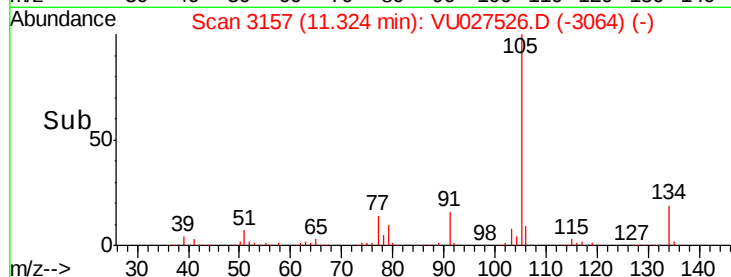
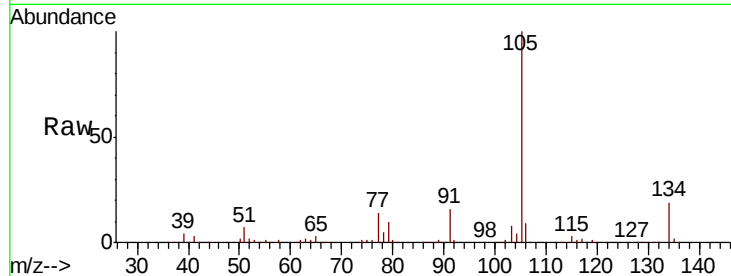
#85
 sec-Butylbenzene
 Concen: 50.958 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	325988		
134	18.9	9.6	28.6	

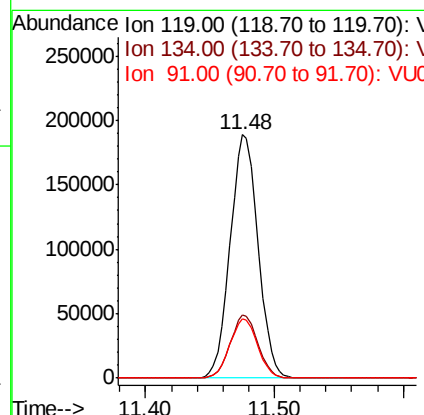
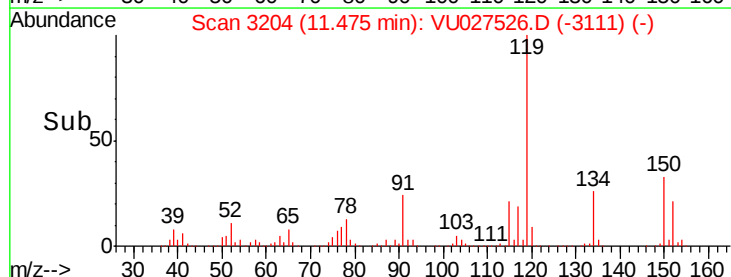
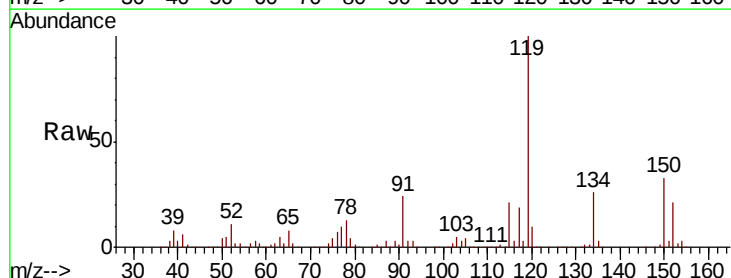
Manual Integrations
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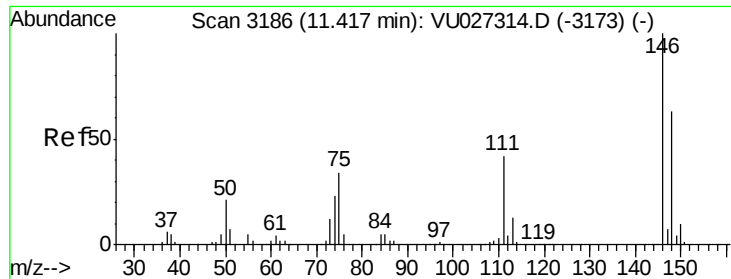
MMDadoda
 10/11/2018 9:01:16 AM



#86
 p-Isopropyltoluene
 Concen: 51.403 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	281551		
134	25.7	12.7	38.1	
91	24.5	12.2	36.4	





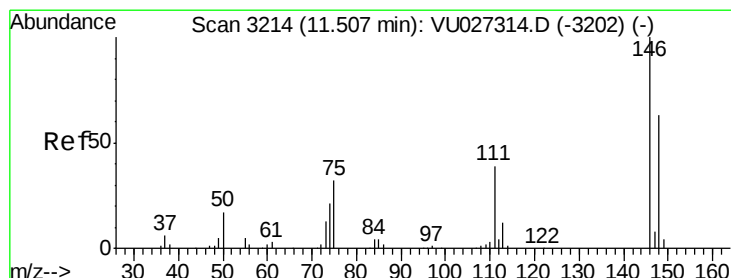
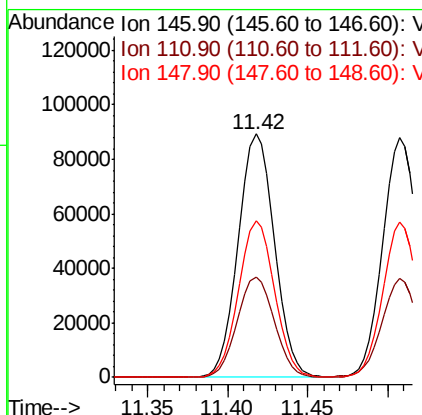
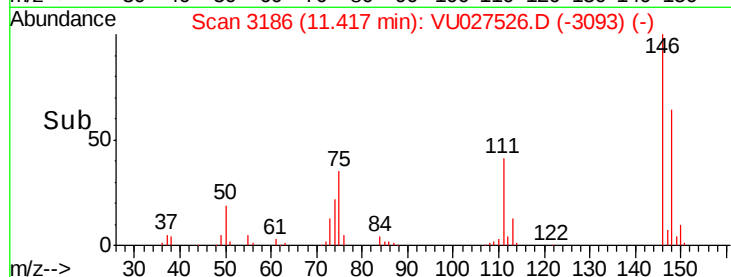
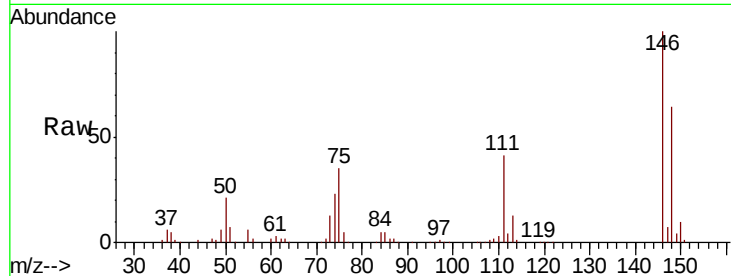
#87
 1,3-Dichlorobenzene
 Concen: 48.685 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	63.8	31.6	94.8

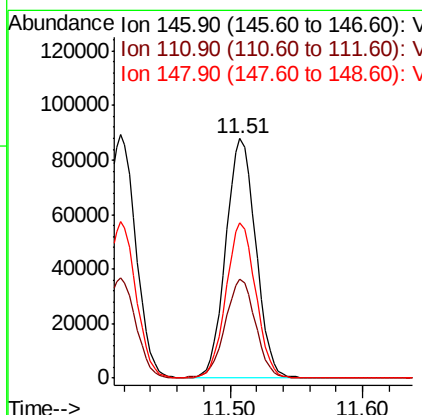
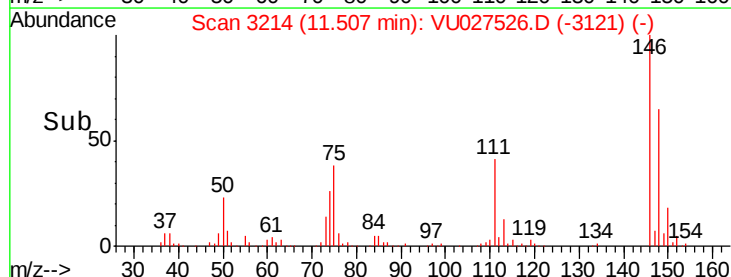
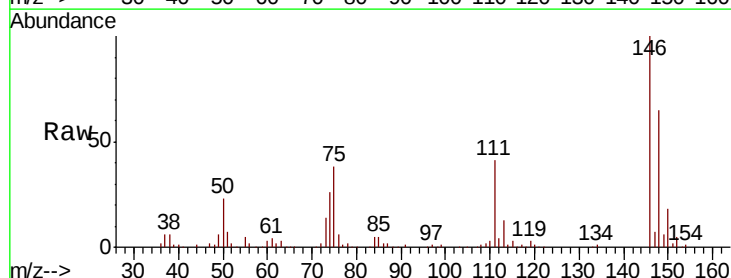
Manual Integrations
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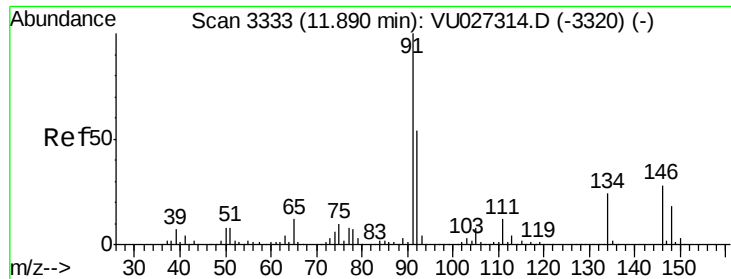
MMDadoda
 10/11/2018 9:01:16 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.624 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.4	61.2
148	64.2	31.9	95.5





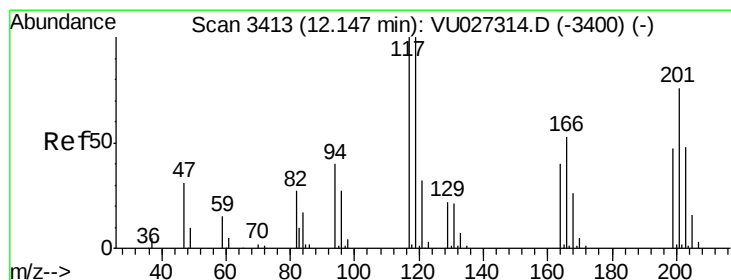
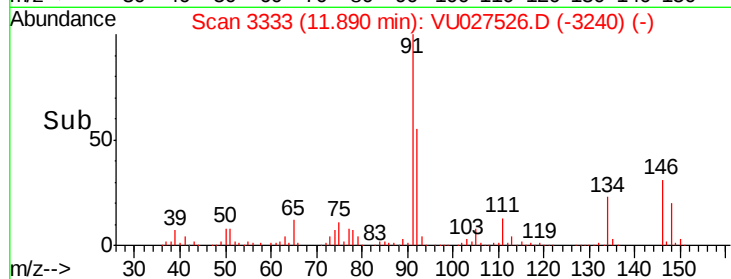
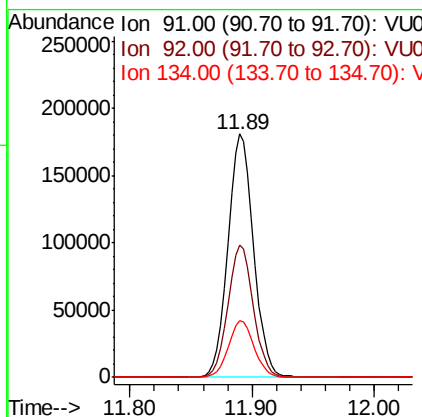
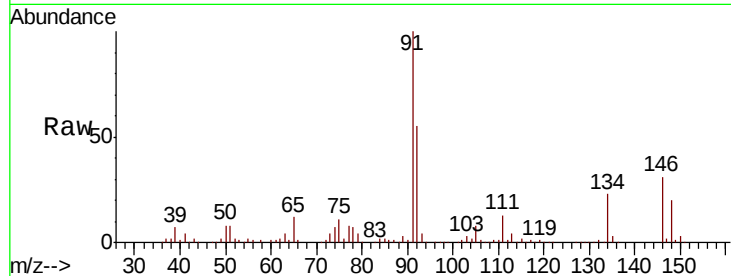
#89
n-Butylbenzene
Concen: 46.054 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	266756		
92	53.9	27.0	81.0	
134	23.3	11.7	35.1	

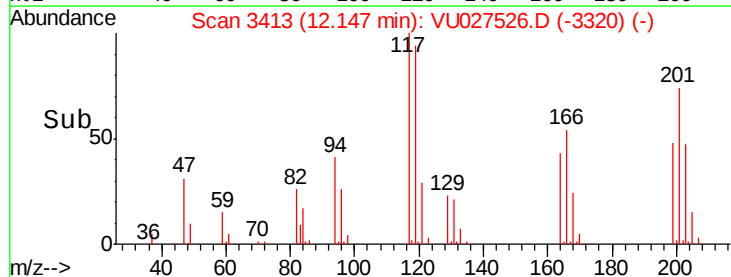
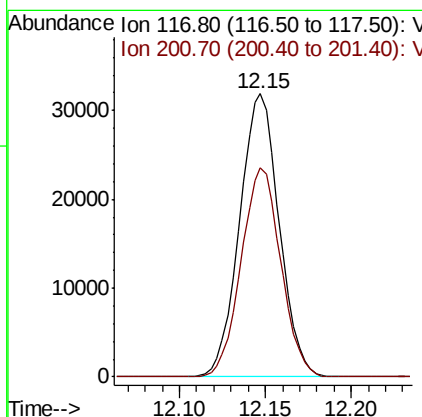
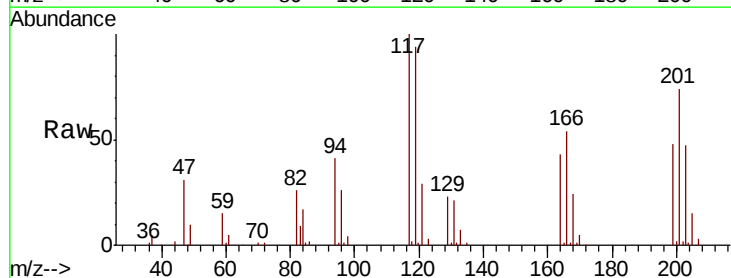
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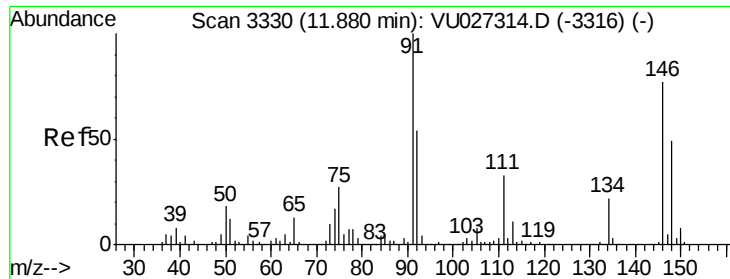
MMDadoda
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#90
Hexachloroethane
Concen: 49.302 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	50901		
201	74.1	37.9	113.6	





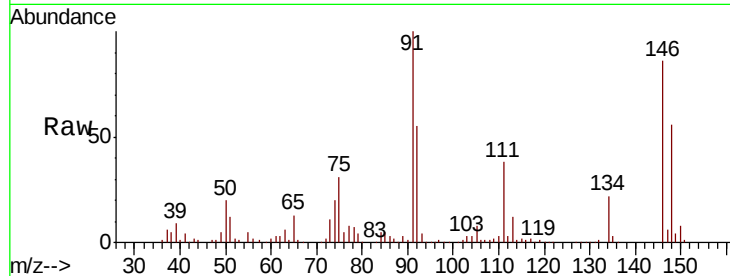
#91
1,2-Dichlorobenzene
Concen: 49.180 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	135896		
111	43.8	21.8	65.4	
148	64.6	31.9	95.5	

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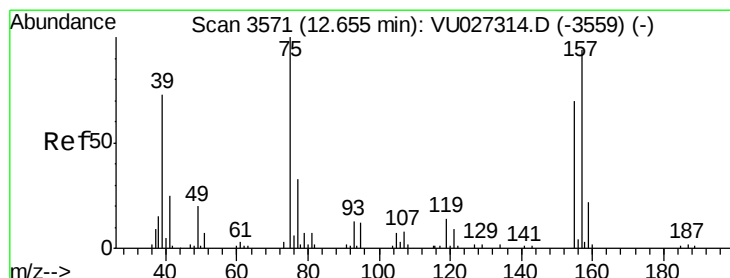
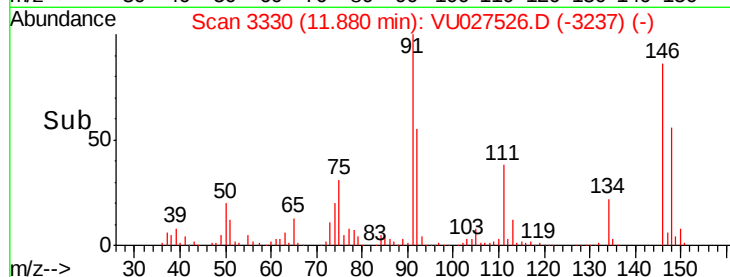
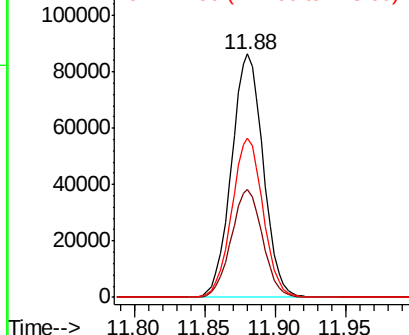


Abundance

Ion 145.90 (145.60 to 146.60): V

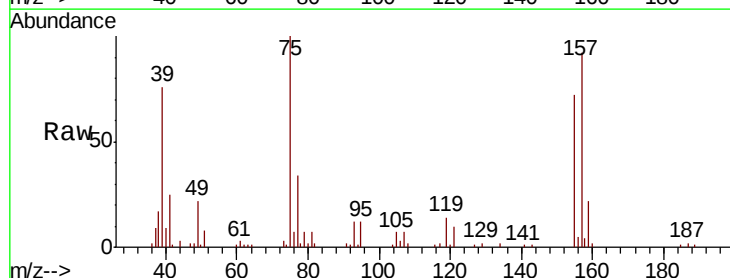
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.294 ug/l
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28795		
155	71.1	35.9	107.8	
157	92.3	46.9	140.6	

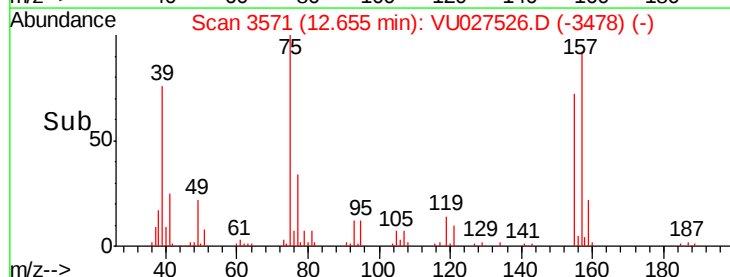
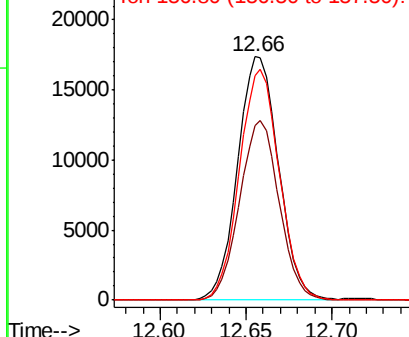


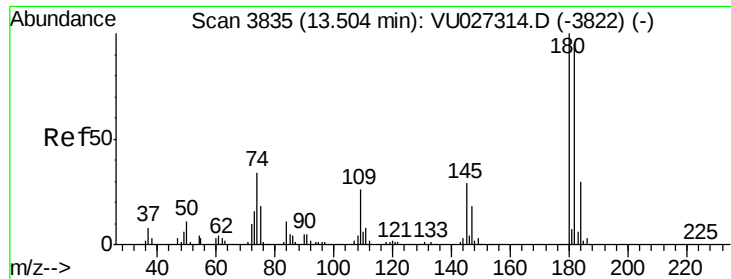
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





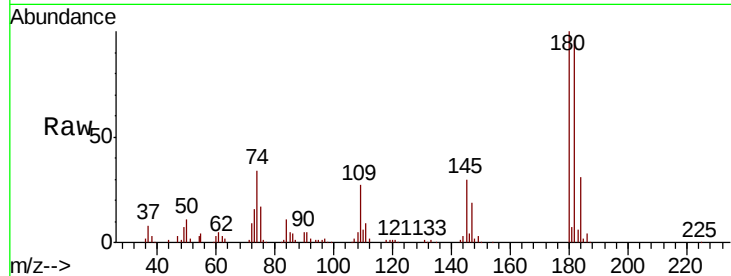
#93
 1,2,4-Trichlorobenzene
 Concen: 50.757 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90752		
182	96.4	47.4	142.3	
145	29.7	14.6	44.0	

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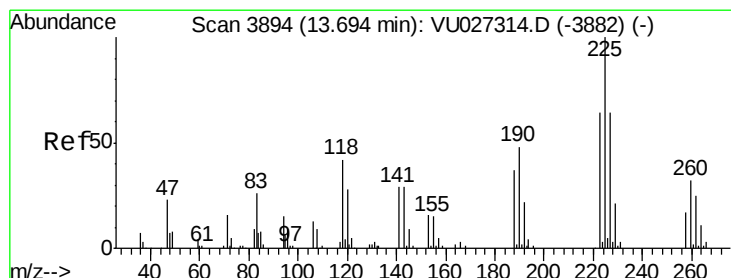
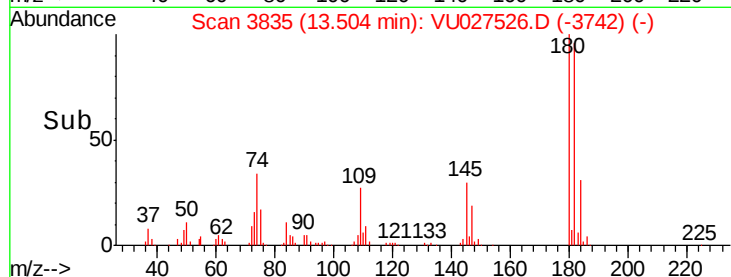
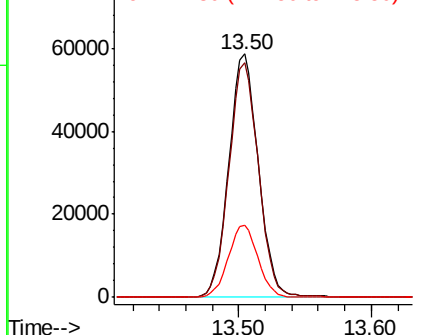


Abundance

Ion 179.80 (179.50 to 180.50): V

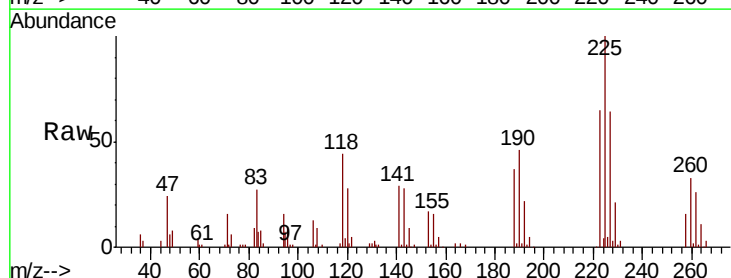
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.654 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027526.D
 Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45759		
223	65.4	31.8	95.3	
227	64.8	31.9	95.7	

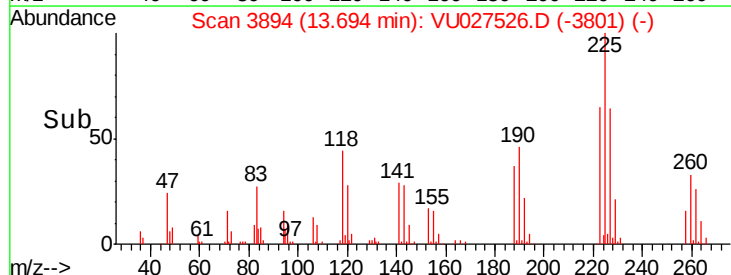
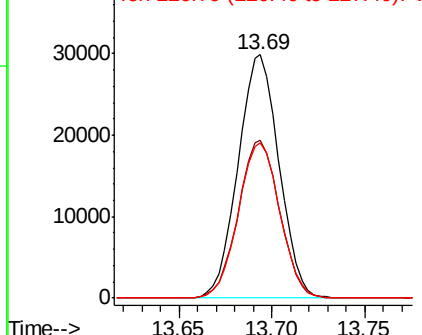


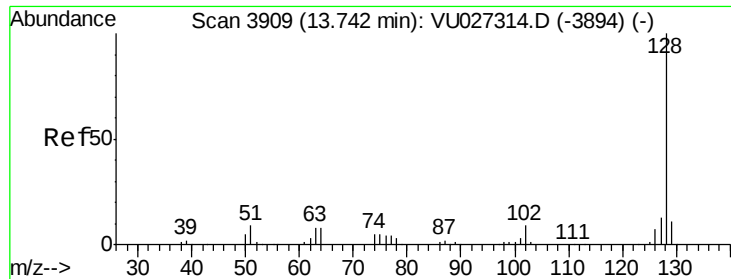
Abundance

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





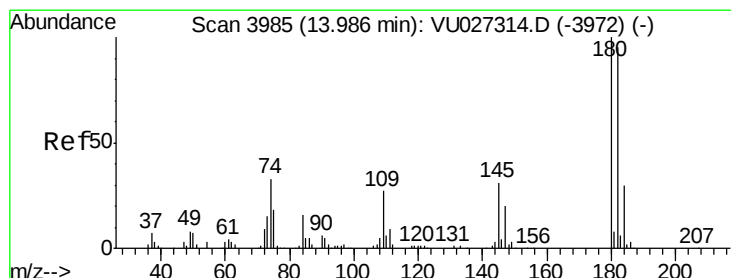
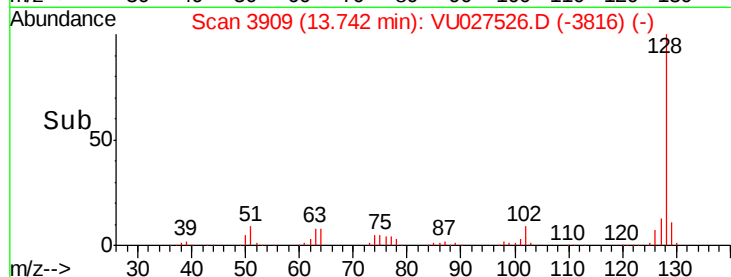
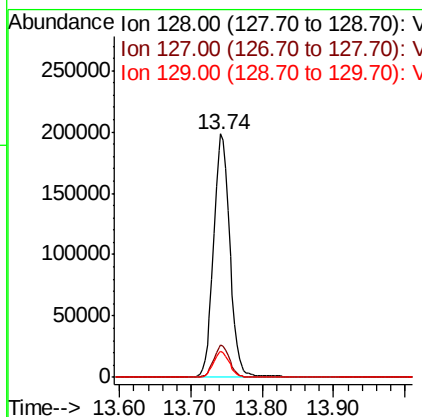
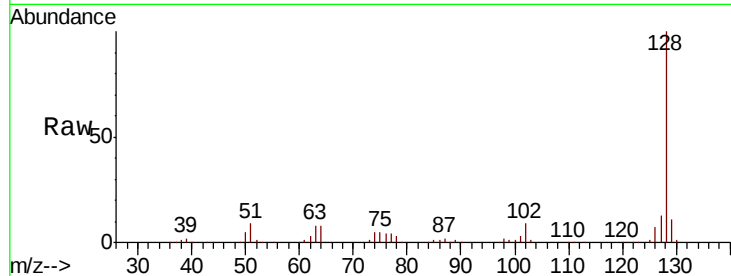
#95
Naphthalene
Concen: 47.095 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.5	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 51.743 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027526.D
Acq: 09 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	31.3	15.9	47.7

