

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029044.D
 Acq On : 04 Jan 2019 21:56
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 12:49:06 PM

Quant Time: Jan 05 04:54:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	123766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	206260	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	97848	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	77842	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.76%		
35) Dibromofluoromethane	4.88	113	65477	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.94%		
50) Toluene-d8	7.56	98	261518	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.08%		
62) 4-Bromofluorobenzene	10.30	95	92887	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.94%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	59168	48.206	ug/l	99
3) Chloromethane	1.33	50	93889	47.896	ug/l	99
4) Vinyl Chloride	1.40	62	90697	50.143	ug/l	99
5) Bromomethane	1.61	94	48781	52.615	ug/l	99
6) Chloroethane	1.68	64	53164	49.345	ug/l	100
7) Trichlorofluoromethane	1.88	101	98051	49.748	ug/l	99
8) Diethyl Ether	2.10	74	48060	50.755	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	63271	47.978	ug/l	99
10) Methyl Iodide	2.40	142	73644	59.390	ug/l	99
11) Tert butyl alcohol	2.83	59	100769	259.112	ug/l	99
12) 1,1-Dichloroethene	2.28	96	64846	50.518	ug/l	98
13) Acrolein	2.19	56	66442	227.523	ug/l	99
14) Allyl chloride	2.59	41	109562	46.519	ug/l	92
15) Acrylonitrile	2.93	53	253395	265.583	ug/l	99
16) Acetone	2.32	43	196568	203.944	ug/l	99
17) Carbon Disulfide	2.47	76	205593	48.349	ug/l	99
18) Methyl Acetate	2.61	43	118578	52.911	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	228937	50.729	ug/l	98
20) Methylene Chloride	2.70	84	80230	49.027	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	71757	48.116	ug/l	96
22) Diisopropyl ether	3.57	45	242396	52.074	ug/l	99
23) Vinyl Acetate	3.52	43	1002054	263.327	ug/l	100
24) 1,1-Dichloroethane	3.44	63	137401	51.133	ug/l	99
25) 2-Butanone	4.26	43	333797	256.412	ug/l	99
26) 2,2-Dichloropropane	4.22	77	97130	44.735	ug/l	97
27) cis-1,2-Dichloroethene	4.22	96	83210	51.014	ug/l	98
28) Bromochloromethane	4.55	49	58294	50.663	ug/l	99
29) Tetrahydrofuran	4.64	42	215437	272.857	ug/l	100
30) Chloroform	4.67	83	132560	51.793	ug/l	99
31) Cyclohexane	4.99	56	127747	50.370	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	108131	51.131	ug/l	99
36) 1,1-Dichloropropene	5.13	75	99681	48.350	ug/l	100
37) Ethyl Acetate	4.38	43	118954	52.565	ug/l	100
38) Carbon Tetrachloride	5.13	117	86337	50.210	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	121834	48.069	ug/l	100
40) Benzene	5.39	78	317513	49.373	ug/l	100
41) Methacrylonitrile	4.54	41	66063	54.537	ug/l	99
42) 1,2-Dichloroethane	5.40	62	99289	51.381	ug/l	100
43) Isopropyl Acetate	5.55	43	184351	53.105	ug/l	100
44) Trichloroethene	6.18	130	77519	48.650	ug/l	100
45) 1,2-Dichloropropane	6.43	63	86594	50.990	ug/l	100
46) Dibromomethane	6.56	93	54700	50.385	ug/l	99
47) Bromodichloromethane	6.76	83	101538	50.799	ug/l	98
48) Methyl methacrylate	6.62	41	93939	55.574	ug/l	100
49) 1,4-Dioxane	6.61	88	44164	1102.493	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	630786	266.997	ug/l	100
52) Toluene	7.64	92	197228	50.378	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	117256	48.833	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	128001	49.334	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	78897	50.305	ug/l	97
56) Ethyl methacrylate	8.02	69	126574	52.384	ug/l	98
57) 1,3-Dichloropropane	8.24	76	136702	50.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	288889	271.862	ug/l	100
59) 2-Hexanone	8.36	43	491345	264.949	ug/l	100
60) Dibromochloromethane	8.48	129	78473	50.503	ug/l	99
61) 1,2-Dibromoethane	8.58	107	85566	50.303	ug/l	100
64) Tetrachloroethene	8.22	164	71502	51.533	ug/l	98
65) Chlorobenzene	9.12	112	210094	48.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	71218	50.829	ug/l	98
67) Ethyl Benzene	9.25	91	367169	50.937	ug/l	100
68) m/p-Xylenes	9.37	106	283874	101.356	ug/l	100
69) o-Xylene	9.78	106	138856	51.454	ug/l	100
70) Styrene	9.79	104	229410	51.856	ug/l	100
71) Bromoform	9.95	173	63265	50.711	ug/l #	99
73) Isopropylbenzene	10.16	105	358802	49.541	ug/l	99
74) N-amyl acetate	10.01	43	161979	51.902	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	142611	49.131	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	122288m	51.008	ug/l	
77) Bromobenzene	10.45	156	92735	49.134	ug/l	99
78) n-propylbenzene	10.58	91	434703	50.931	ug/l	100
79) 2-Chlorotoluene	10.66	91	252778	48.822	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	302939	50.089	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	41497m	44.641	ug/l	
82) 4-Chlorotoluene	10.77	91	291591	49.115	ug/l	99
83) tert-Butylbenzene	11.10	119	293322	49.206	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	311489	51.585	ug/l	99
85) sec-Butylbenzene	11.32	105	365265	50.666	ug/l	100
86) p-Isopropyltoluene	11.47	119	311224	50.661	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	166252	48.024	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	165084	46.197	ug/l	99
89) n-Butylbenzene	11.89	91	290660	53.011	ug/l	99
90) Hexachloroethane	12.14	117	47966	46.413	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	167039	47.905	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	29807	53.390	ug/l	99

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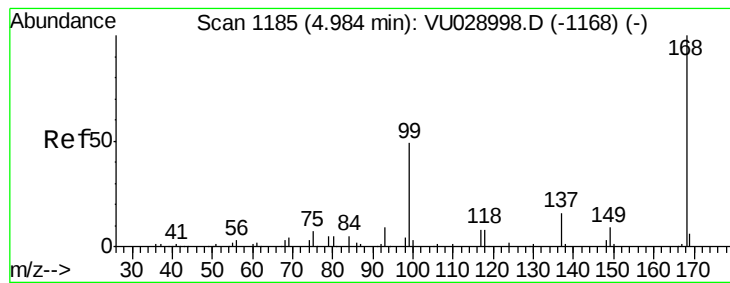
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	113629	51.049	ug/l	100
94) Hexachlorobutadiene	13.69	225	49093	48.220	ug/l	99
95) Naphthalene	13.74	128	390774	51.608	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	114497	49.968	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 123766

Ion Ratio Lower Upper

168 100

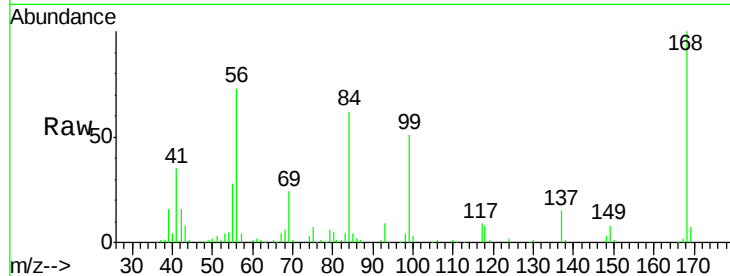
99 51.2 42.0 63.0

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Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

60000

50000

40000

30000

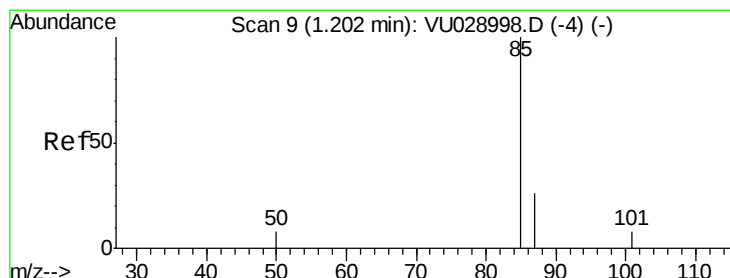
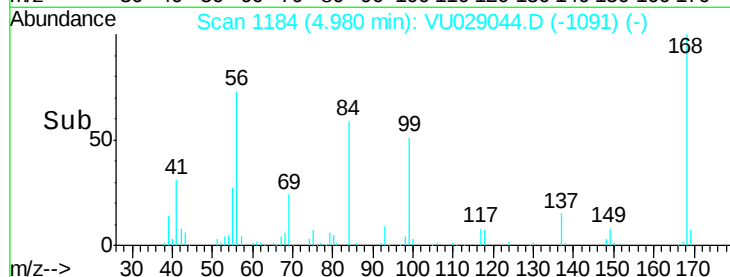
20000

10000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.206 ug/l

RT: 1.20 min Scan# 9

Delta R.T. -0.00 min

Lab File: VU029044.D

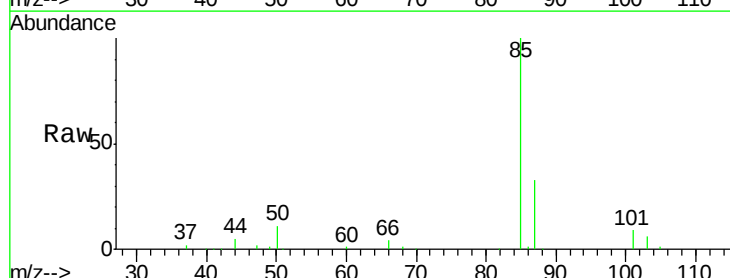
Acq: 04 Jan 2019 21:56

Tgt Ion: 85 Resp: 59168

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028998.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VU028998.D (-4) (-)

1.20

60000

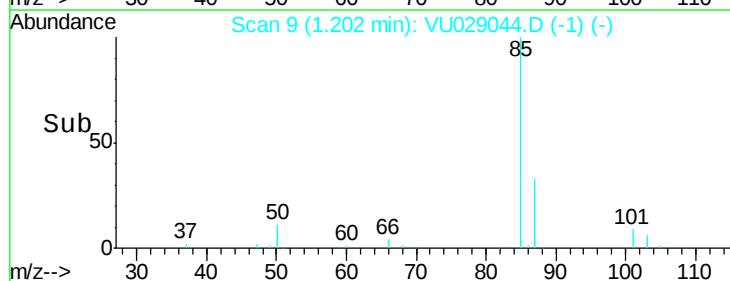
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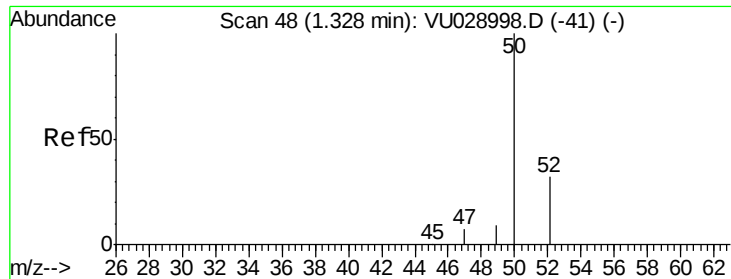
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0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 47.896 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 93889

Ion Ratio Lower Upper

50 100

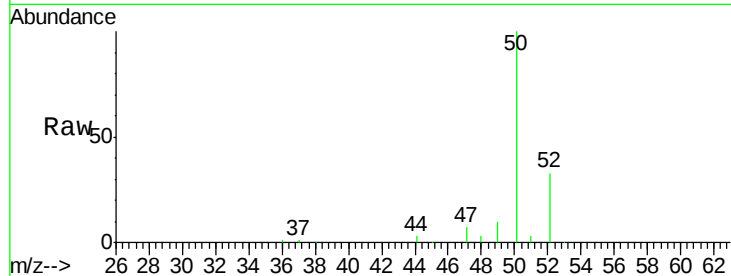
52 33.4 26.1 39.1

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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

80000

60000

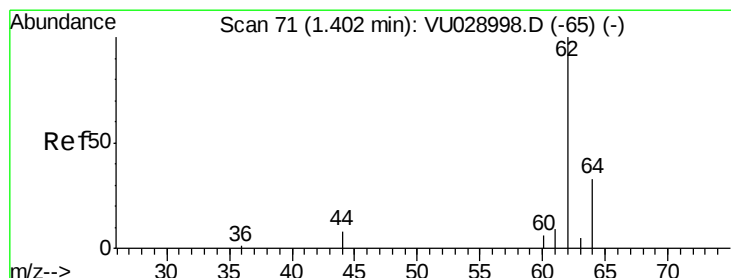
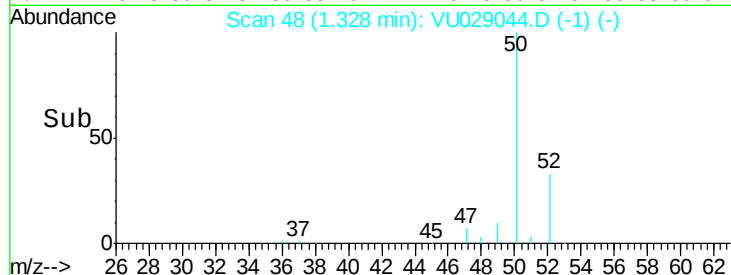
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 50.143 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU029044.D

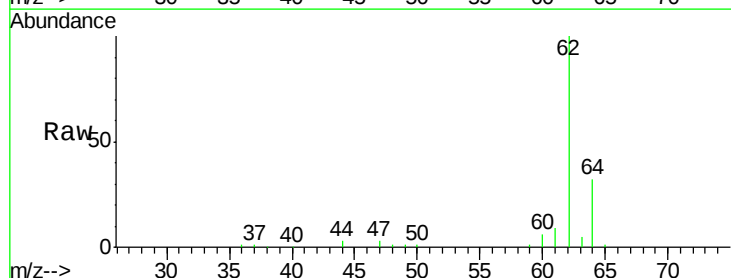
Acq: 04 Jan 2019 21:56

Tgt Ion: 62 Resp: 90697

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

100000

80000

60000

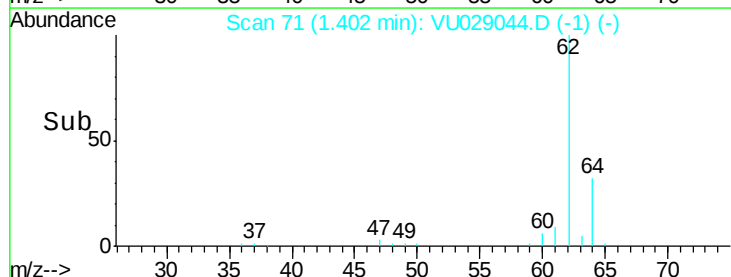
40000

20000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 52.615 ug/l

RT: 1.61 min Scan# 135

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 48781

Ion Ratio Lower Upper

94 100

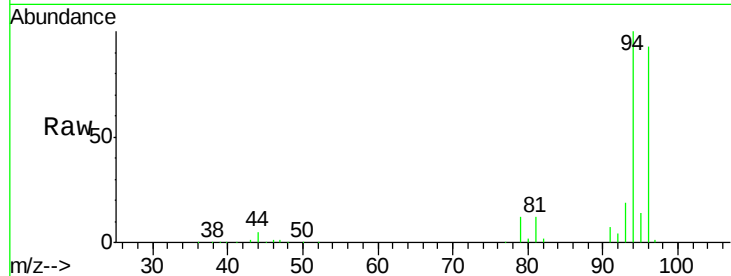
96 93.1 75.5 113.3

Manual Integrations

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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

40000

30000

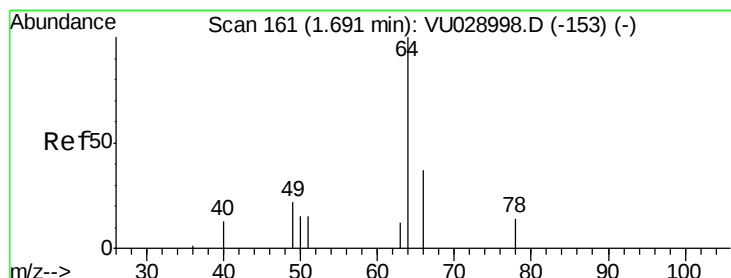
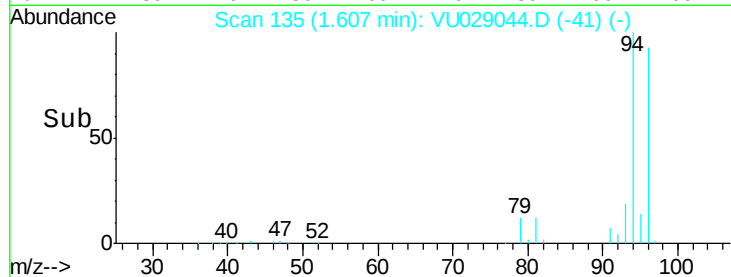
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10000

0

Time-->

1.55 1.60 1.65



#6

Chloroethane

Concen: 49.345 ug/l

RT: 1.68 min Scan# 159

Delta R.T. 0.00 min

Lab File: VU029044.D

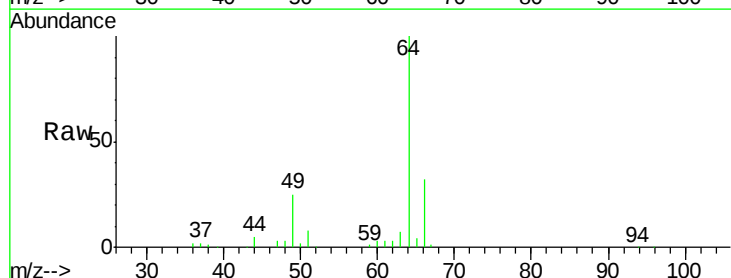
Acq: 04 Jan 2019 21:56

Tgt Ion: 64 Resp: 53164

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.68

40000

30000

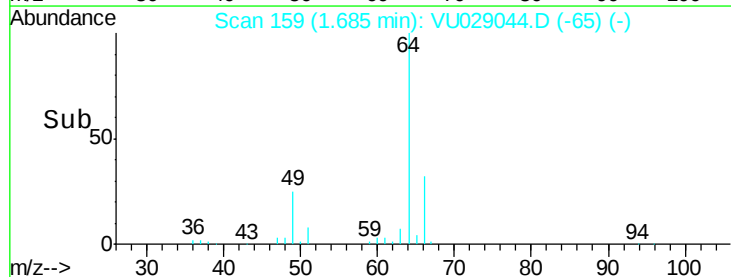
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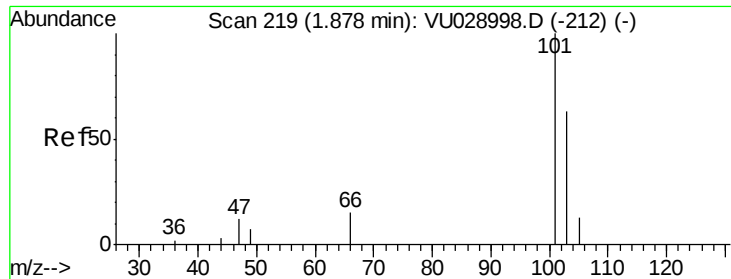
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Time-->

1.65 1.70 1.75





#7

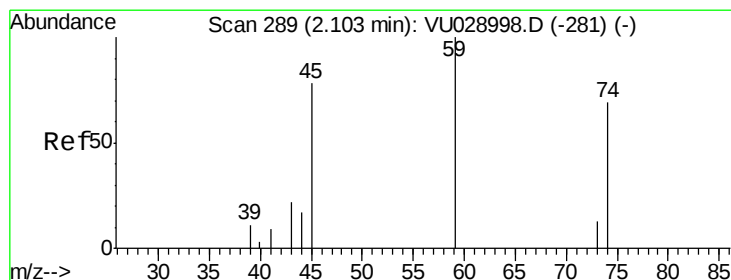
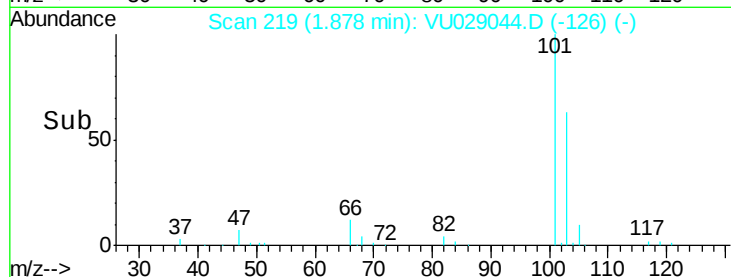
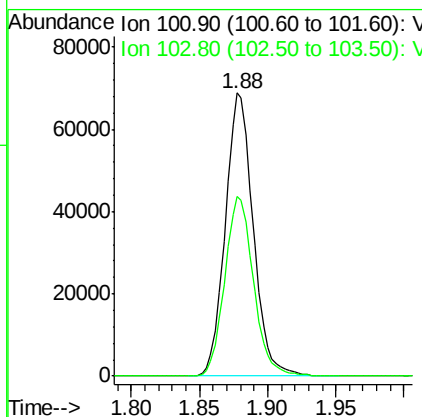
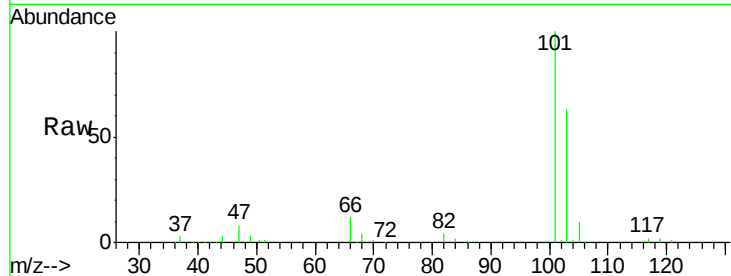
Trichlorofluoromethane
 Concen: 49.748 ug/l
 RT: 1.88 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.5	77.3

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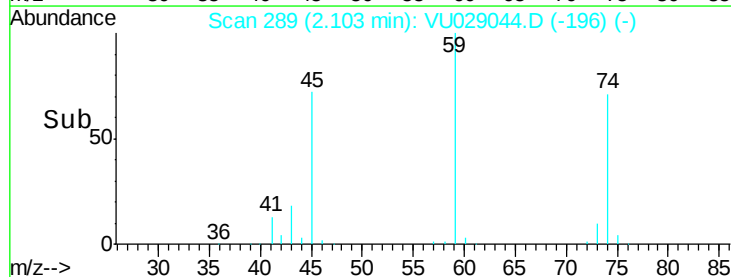
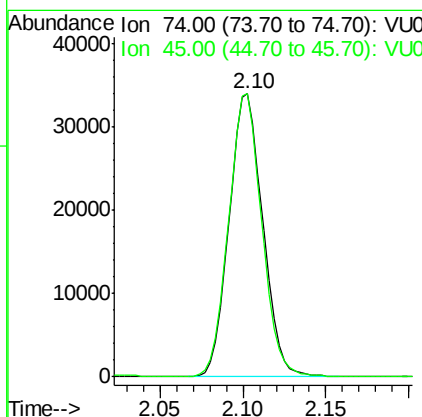
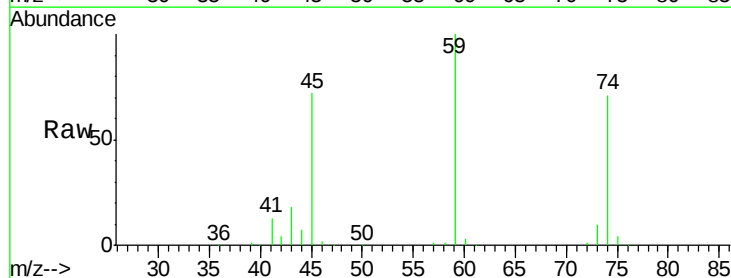
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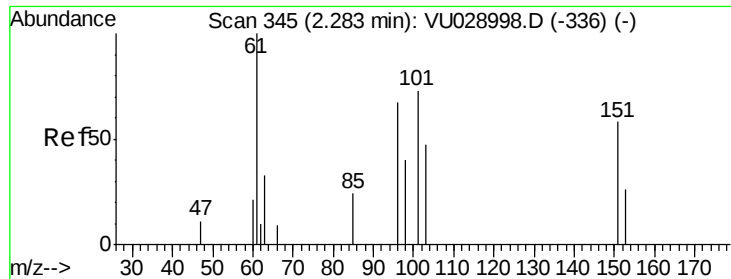


#8

Diethyl Ether
 Concen: 50.755 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	46.9	140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.978 ug/l

RT: 2.28 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

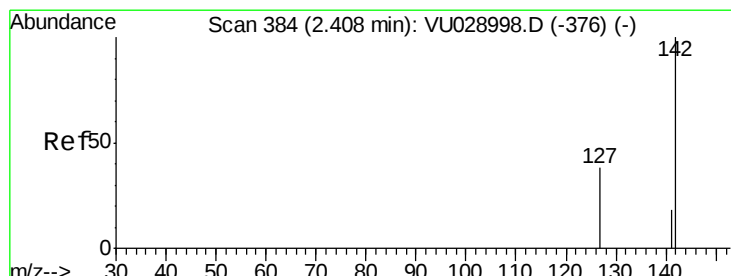
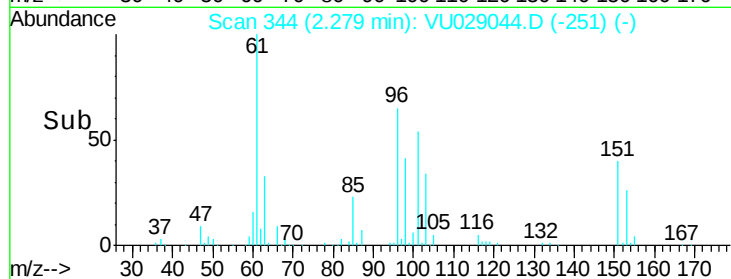
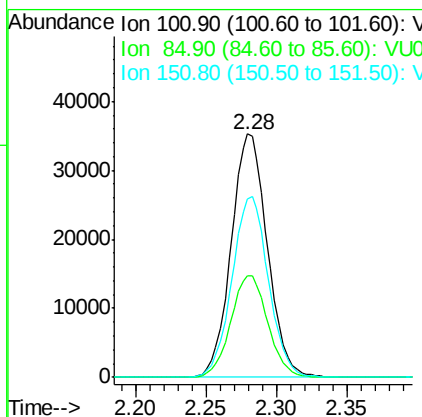
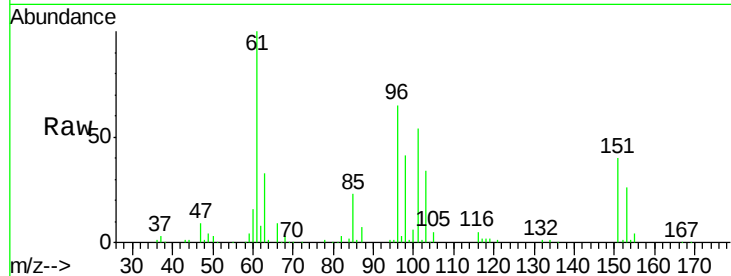
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	63271
Ion Ratio	Lower	Upper	
101	100		
85	42.6	35.1	52.7
151	75.1	60.2	90.2

Manual Integrations
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#10

Methyl Iodide

Concen: 59.390 ug/l

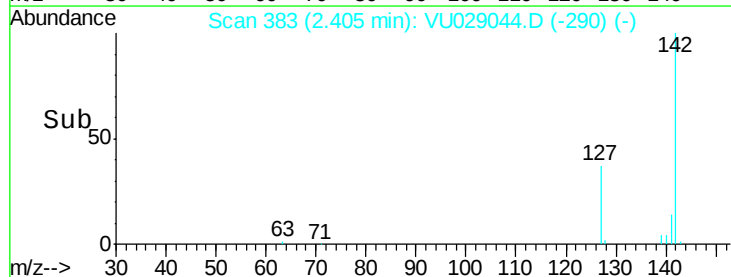
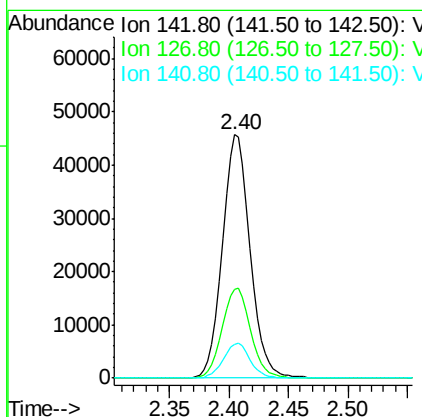
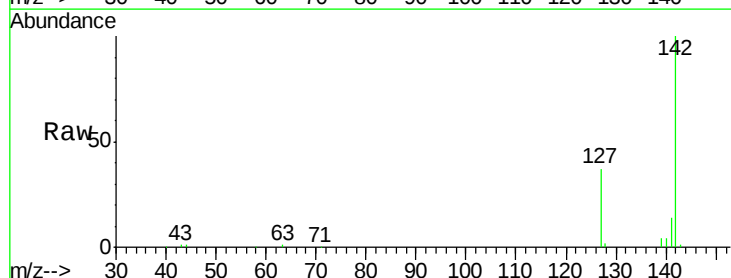
RT: 2.40 min Scan# 383

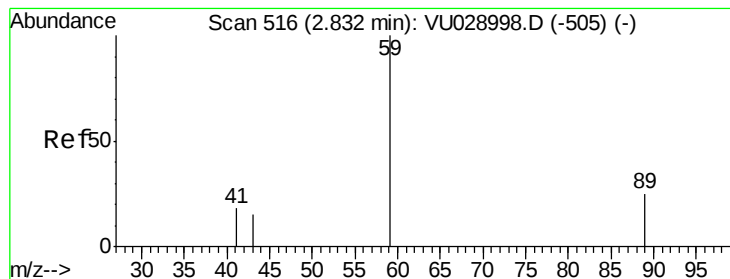
Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Tgt Ion:	142	Resp:	73644
Ion Ratio	Lower	Upper	
142	100		
127	37.8	29.8	44.6
141	13.9	11.5	17.3





#11

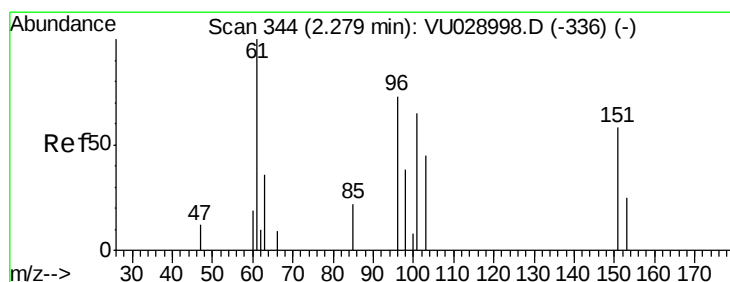
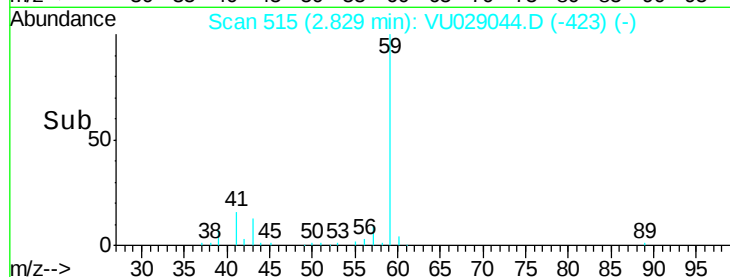
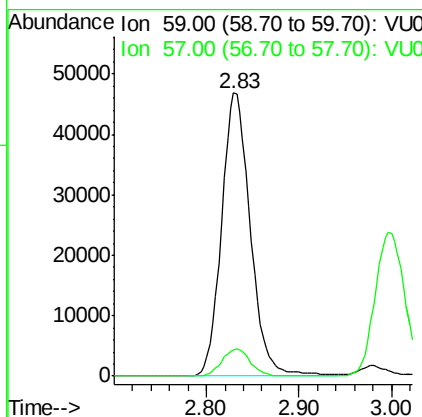
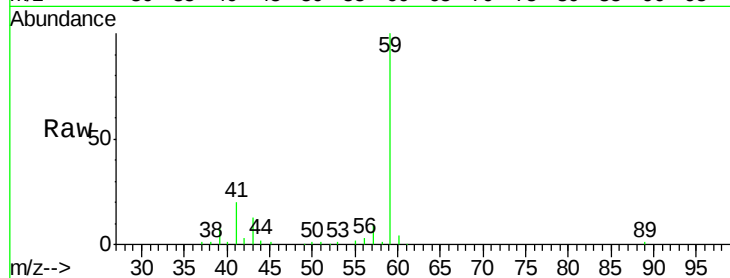
Tert butyl alcohol
 Concen: 259.112 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	100769
Ion Ratio	100	Lower	Upper
57	9.5	7.9	11.9

Manual Integrations
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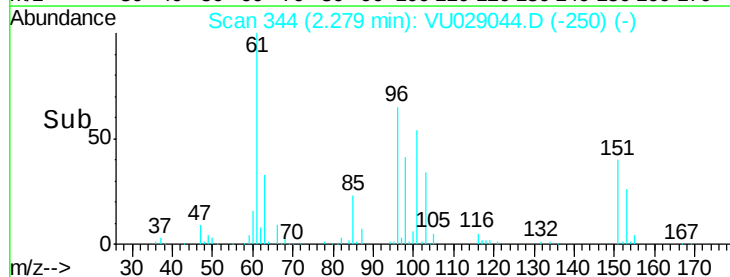
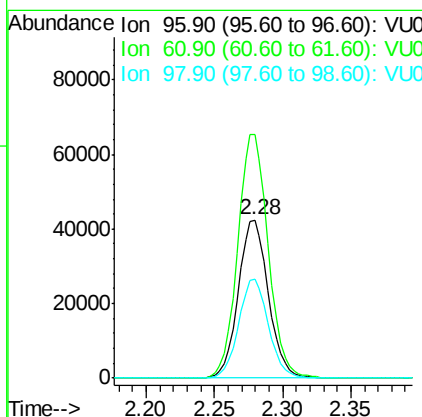
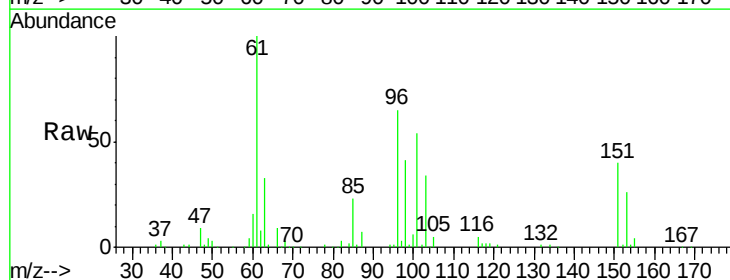
MMDadoda
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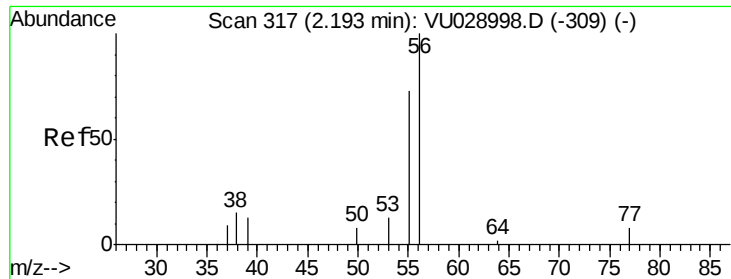


#12

1,1-Dichloroethene
 Concen: 50.518 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion	96	Resp	64846
Ion Ratio	100	Lower	Upper
61	153.9	125.4	188.0
98	62.6	49.7	74.5





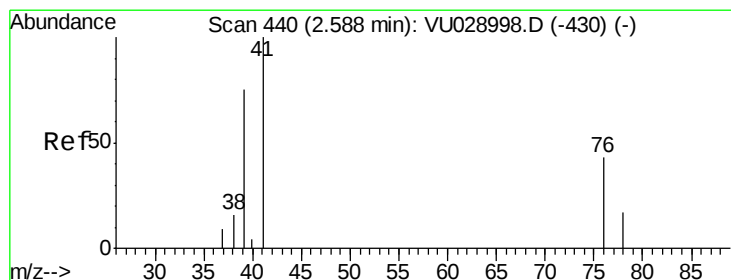
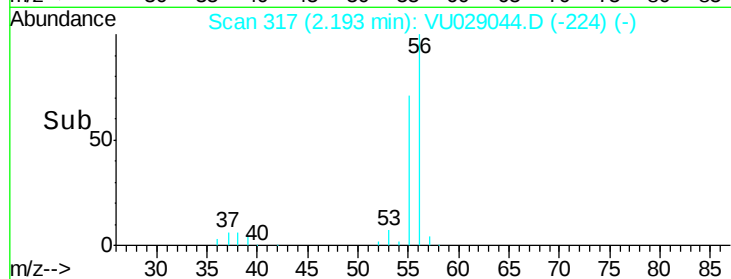
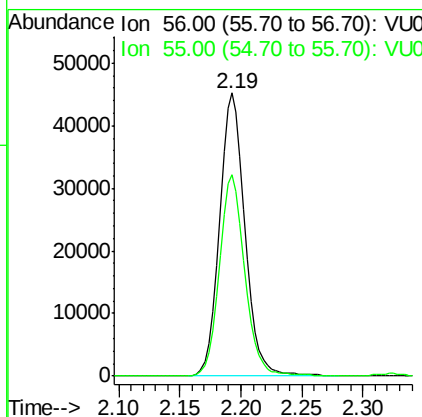
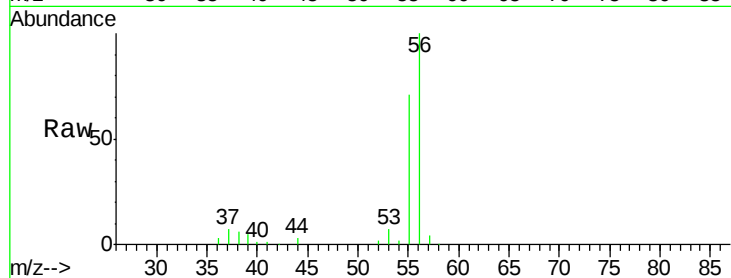
#13
Acrolein
Concen: 227.523 ug/l
RT: 2.19 min Scan# 317
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Resp	Lower	Upper
66442	100	71.1		56.5	84.7

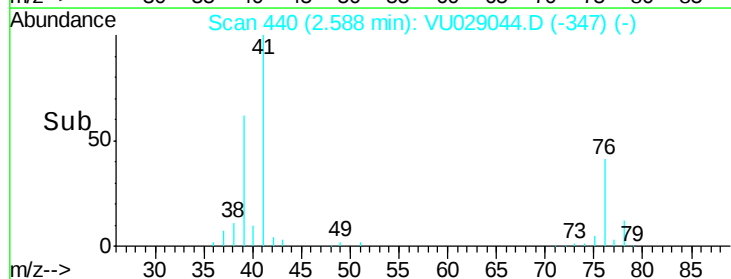
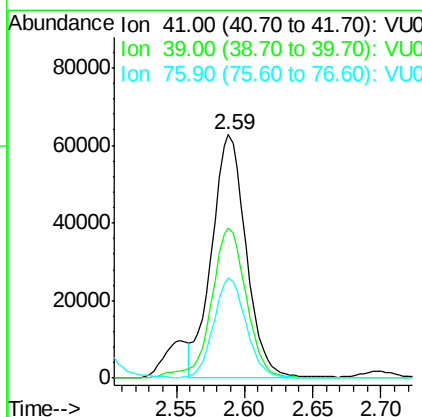
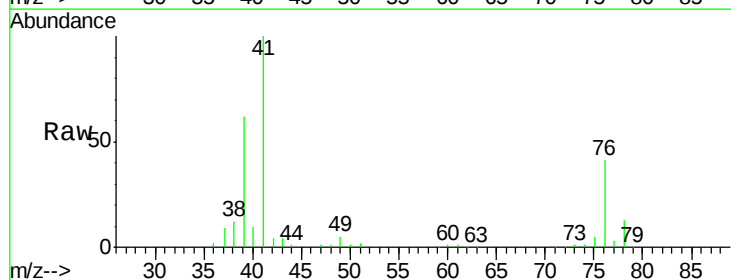
Manual Integrations
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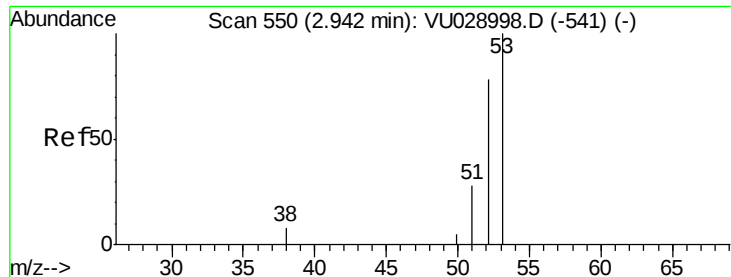
MMDadoda
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#14
Allyl chloride
Concen: 46.519 ug/l
RT: 2.59 min Scan# 440
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	41	39	76	Resp	Lower	Upper
109562	100	63.0	39.1		45.0	67.6





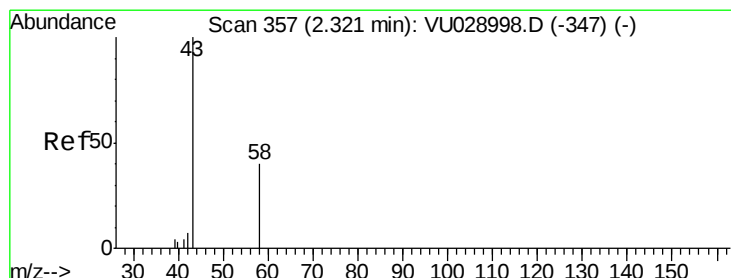
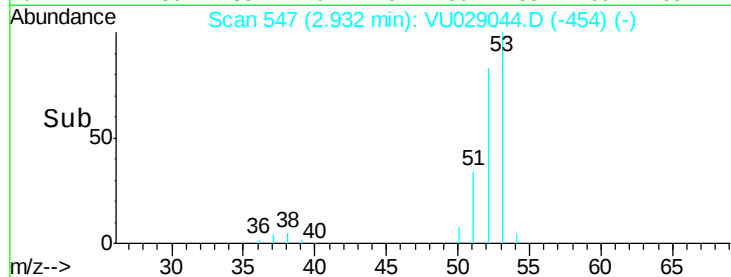
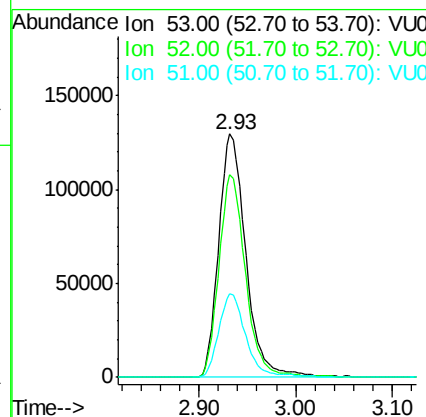
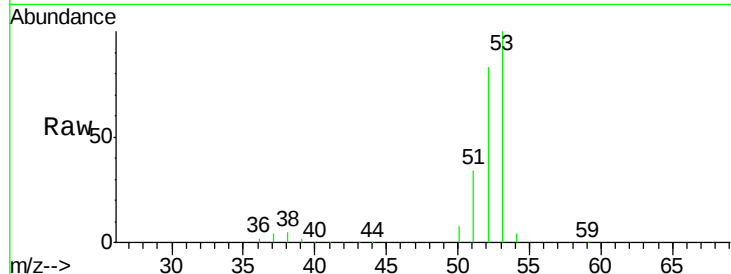
#15
 Acrylonitrile
 Concen: 265.583 ug/l
 RT: 2.93 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.7	64.8	97.2
51	34.5	27.3	40.9

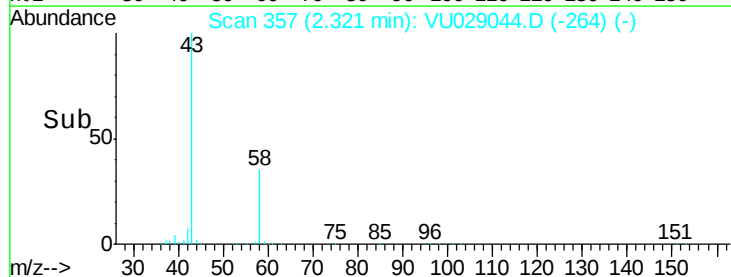
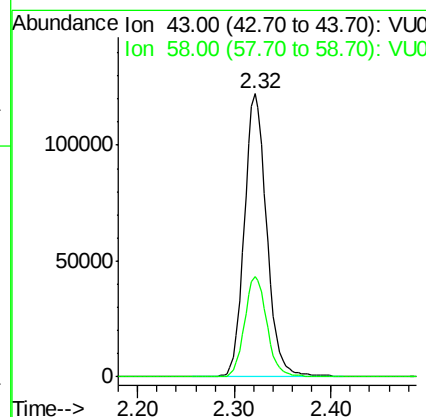
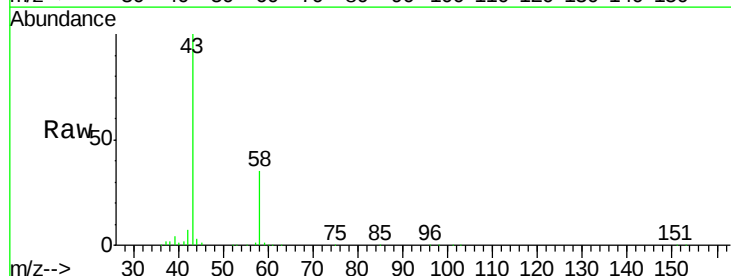
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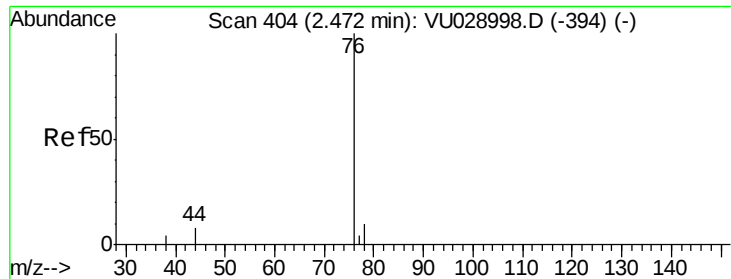
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#16
 Acetone
 Concen: 203.944 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.6	42.8





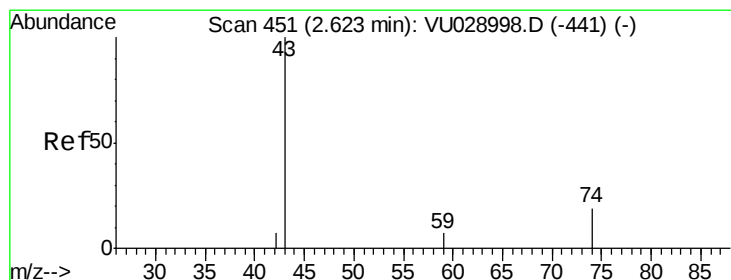
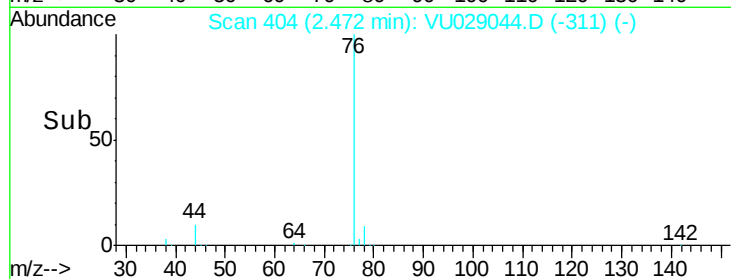
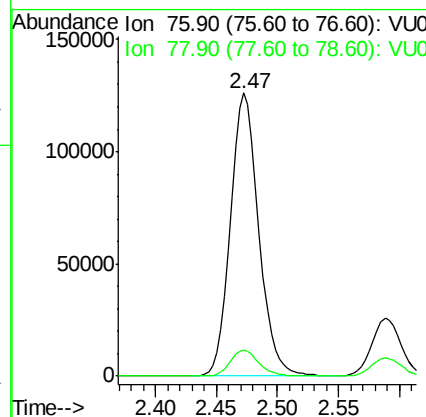
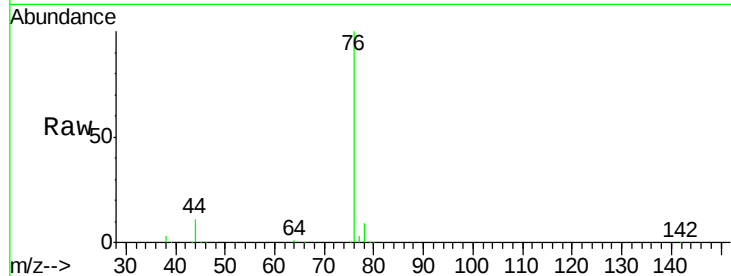
#17
Carbon Disulfide
Concen: 48.349 ug/l
RT: 2.47 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 205593
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

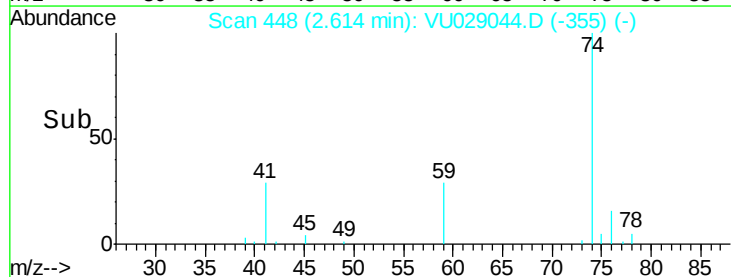
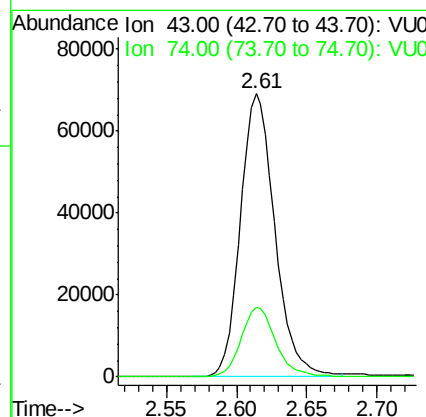
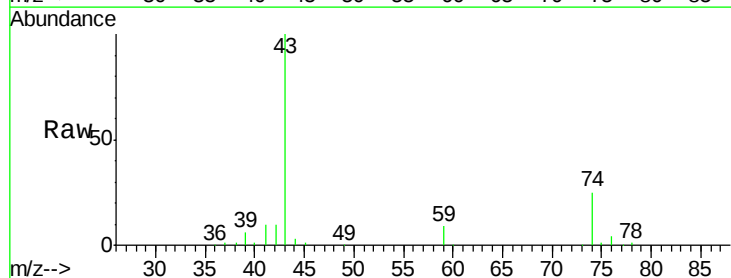
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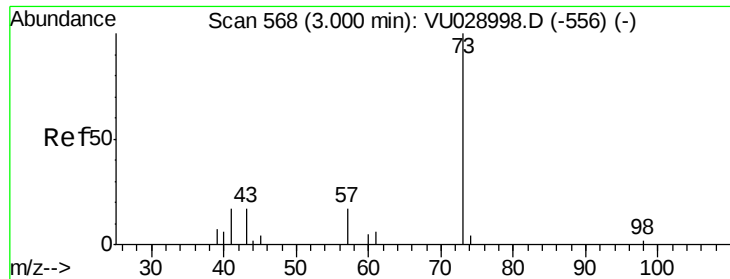
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#18
Methyl Acetate
Concen: 52.911 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion: 43 Resp: 118578
Ion Ratio Lower Upper
43 100
74 24.8 19.5 29.3





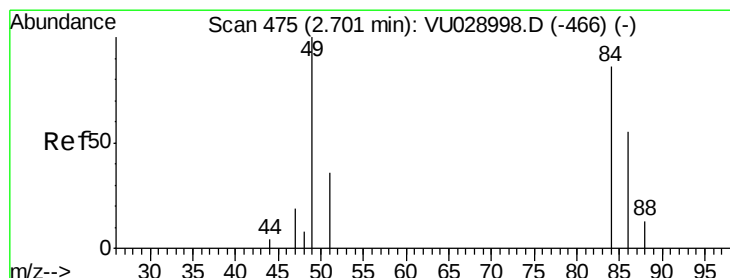
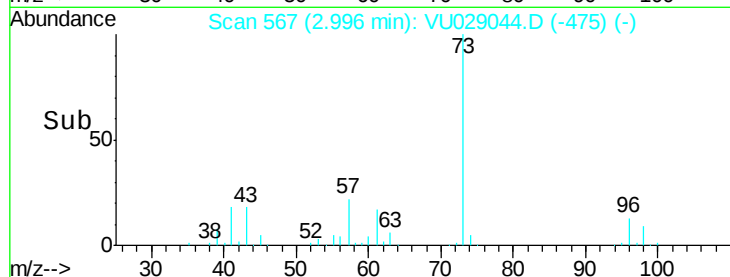
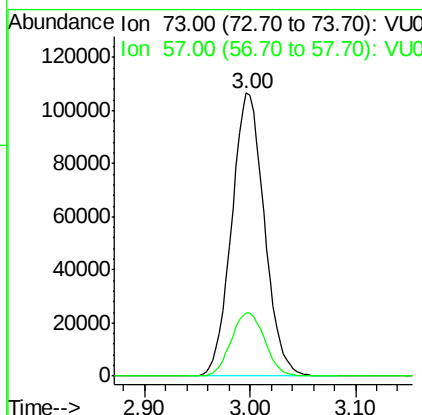
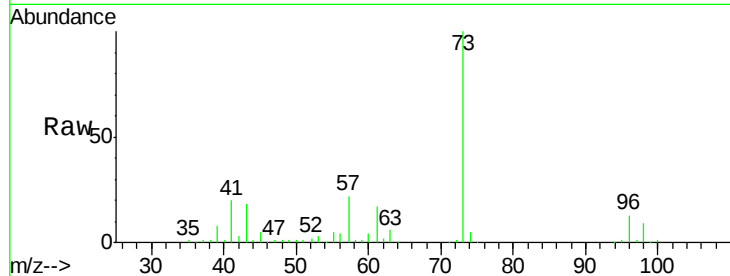
#19
Methyl tert-butyl Ether
Concen: 50.729 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 228937
Ion Ratio Lower Upper
73 100
57 22.3 18.6 28.0

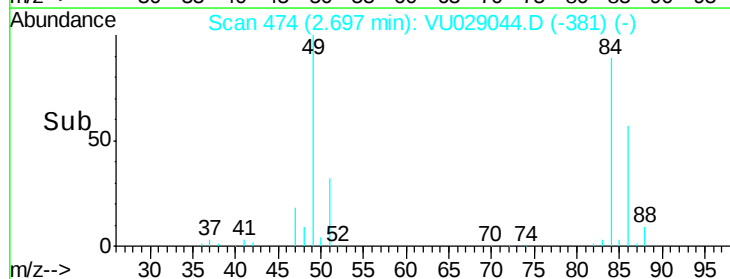
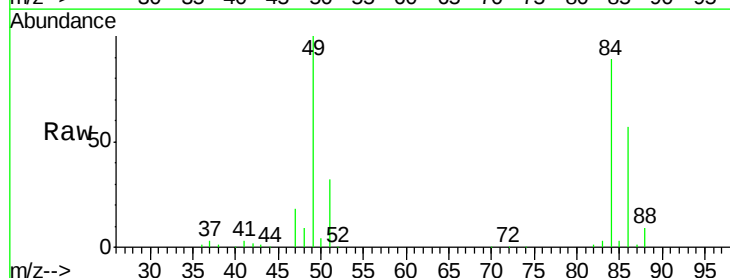
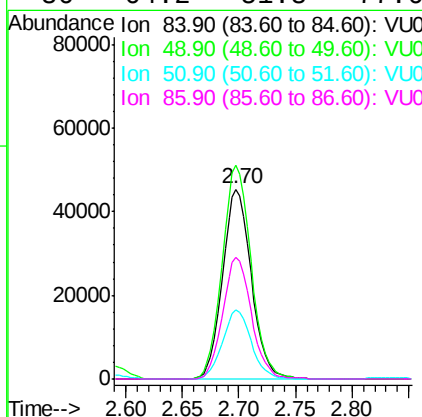
Manual Integrations
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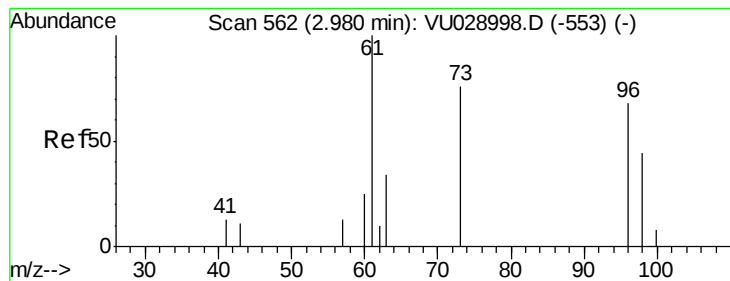
MMDadoda
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#20
Methylene Chloride
Concen: 49.027 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion: 84 Resp: 80230
Ion Ratio Lower Upper
84 100
49 112.4 91.9 137.9
51 36.1 29.2 43.8
86 64.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.116 ug/l

RT: 2.98 min Scan# 561

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

ClientSampled :

VSTDCCC050EC

Tot Ion: 96 Resp: 71757

Ion Ratio Lower Upper

96 100

61 138.8 107.7 161.5

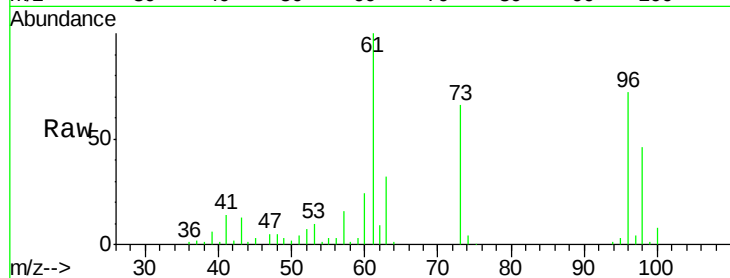
98 64.2 49.2 73.8

Manual Integrations

APPROVED

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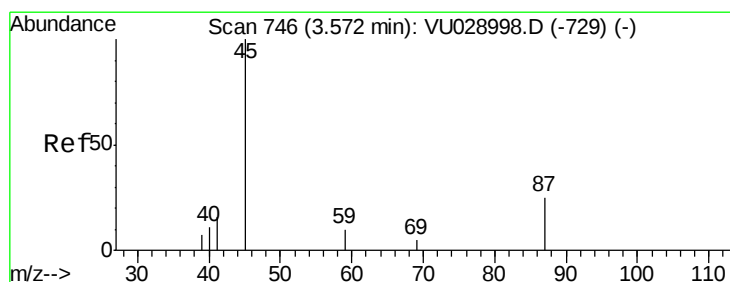
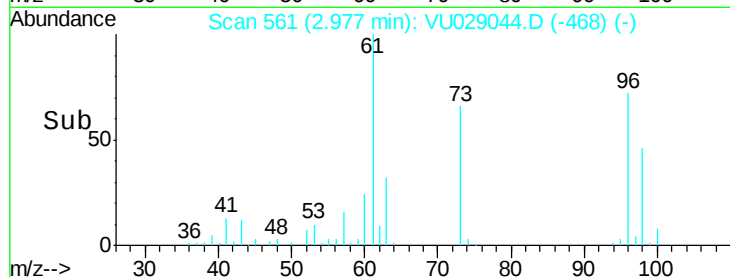
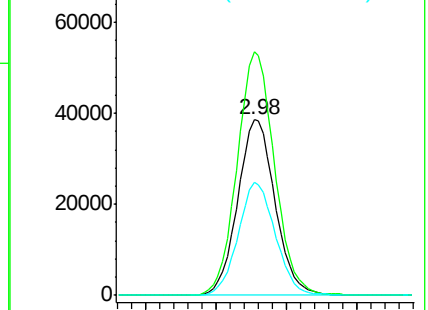
1/7/2019 12:49:06 PM



Abundance Ion 95.90 (95.60 to 96.60): VU028998.D (-553) (-)

Ion 60.90 (60.60 to 61.60): VU028998.D (-553) (-)

Ion 97.90 (97.60 to 98.60): VU028998.D (-553) (-)



#22

Diisopropyl ether

Concen: 52.074 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Tgt Ion: 45 Resp: 242396

Ion Ratio Lower Upper

45 100

43 56.7 44.7 67.1

87 28.1 22.2 33.2

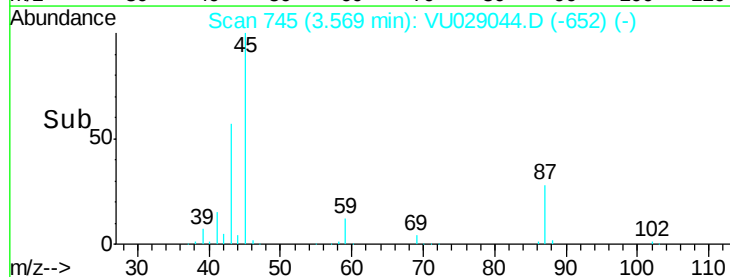
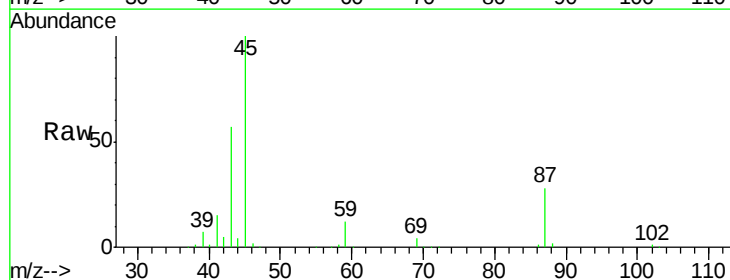
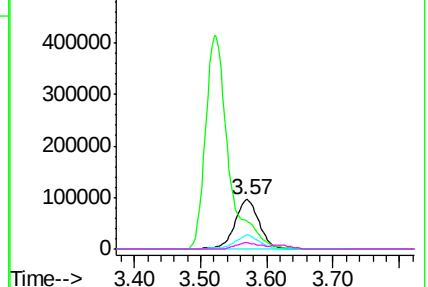
59 12.5 9.8 14.8

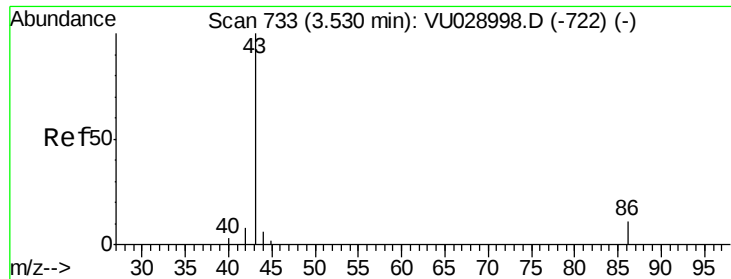
Abundance Ion 45.00 (44.70 to 45.70): VU028998.D (-729) (-)

Ion 43.00 (42.70 to 43.70): VU028998.D (-729) (-)

Ion 87.00 (86.70 to 87.70): VU028998.D (-729) (-)

Ion 59.00 (58.70 to 59.70): VU028998.D (-729) (-)





#23

Vinyl Acetate

Concen: 263.327 ug/l

RT: 3.52 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Tot Ion: 43 Resp: 1002054

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0

Instrument :

MSVOA_U

ClientSampleId :

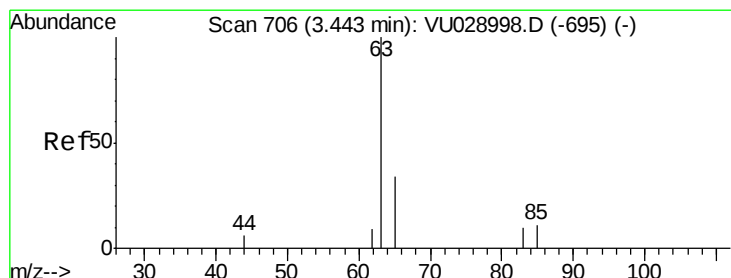
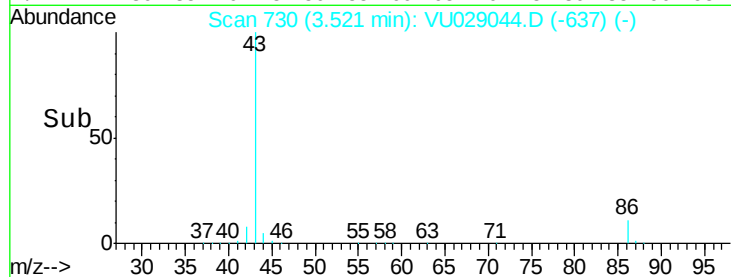
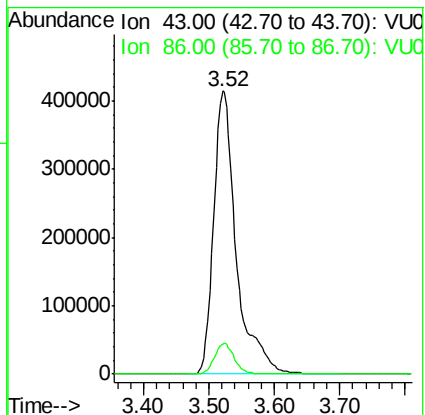
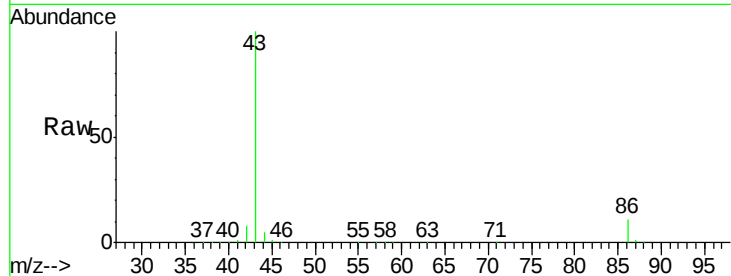
VSTDCCC050EC

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.133 ug/l

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

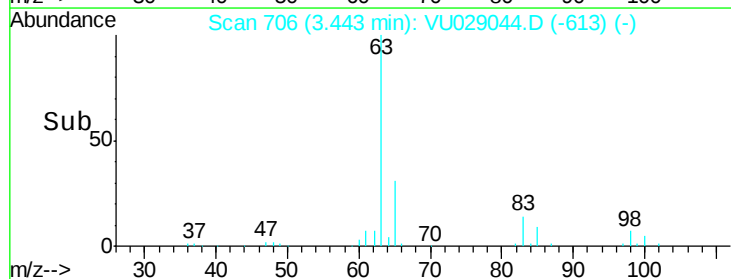
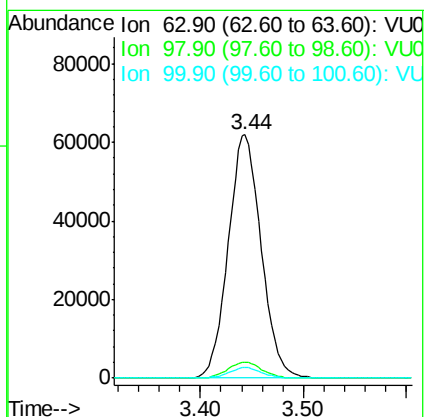
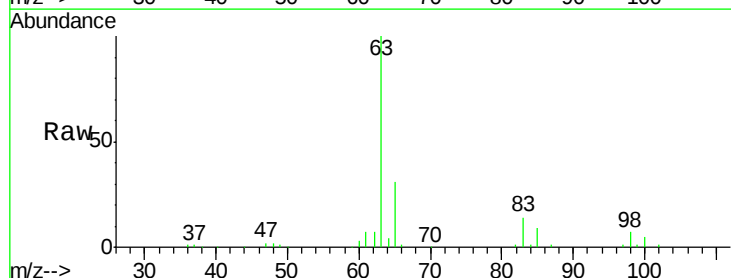
Tgt Ion: 63 Resp: 137401

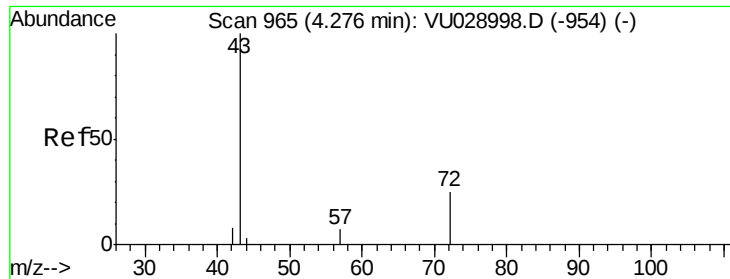
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.6 2.0 5.8





#25

2-Butanone

Concen: 256.412 ug/l

RT: 4.26 min Scan# 960

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 333797

Ion Ratio Lower Upper

43 100

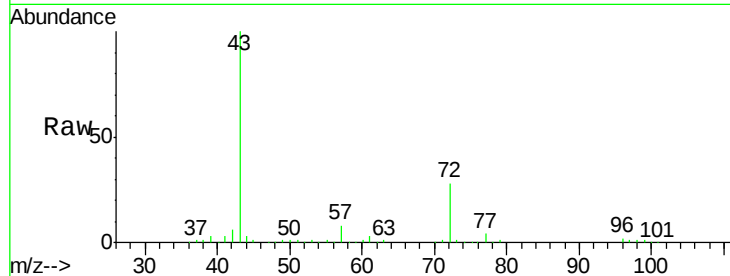
72 27.9 22.6 33.8

Manual Integrations

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1/7/2019 12:49:06 PM



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-954) (-)

Ion 72.00 (71.70 to 72.70): VU028998.D (-954) (-)

150000

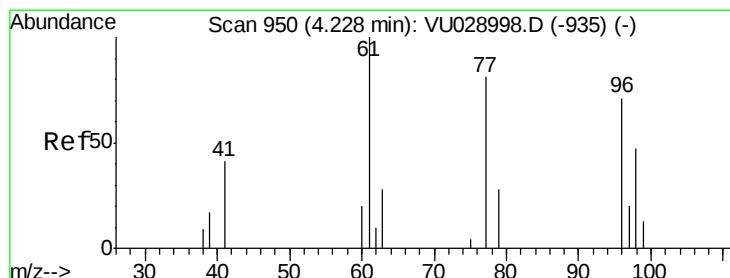
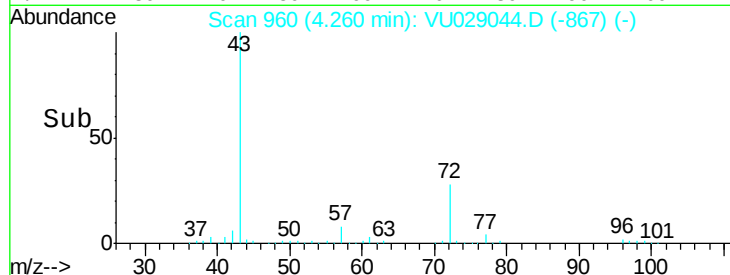
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 44.735 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU029044.D

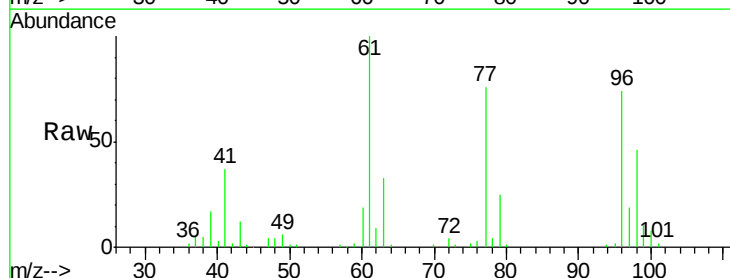
Acq: 04 Jan 2019 21:56

Tgt Ion: 77 Resp: 97130

Ion Ratio Lower Upper

77 100

97 25.5 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU028998.D (-935) (-)

Ion 96.90 (96.60 to 97.60): VU028998.D (-935) (-)

40000

30000

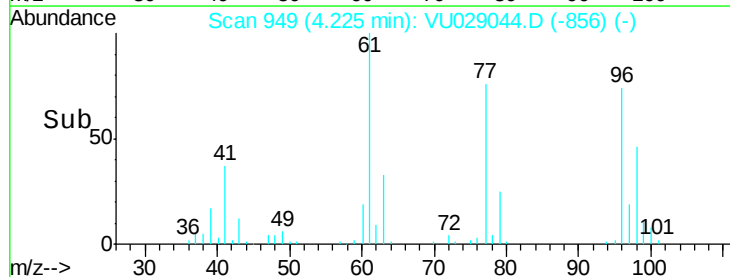
20000

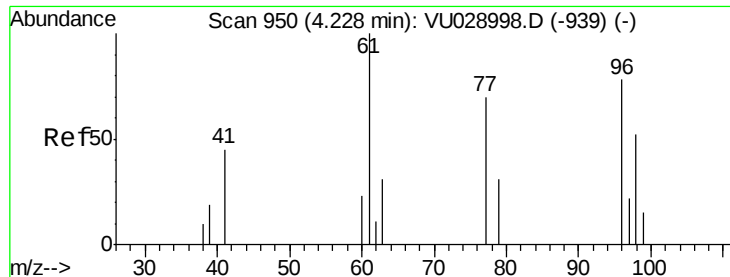
10000

0

4.10 4.20 4.30

Time-->





#27

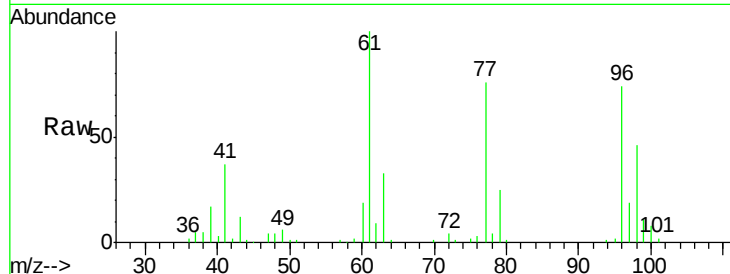
cis-1,2-Dichloroethene
Concen: 51.014 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

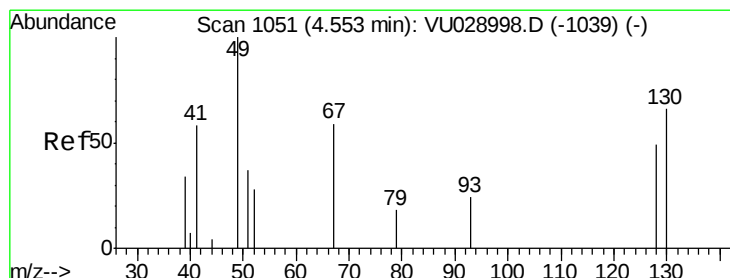
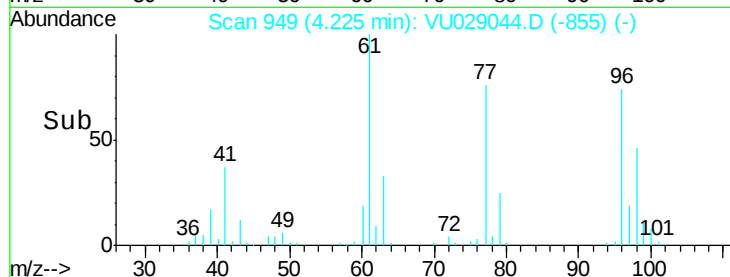
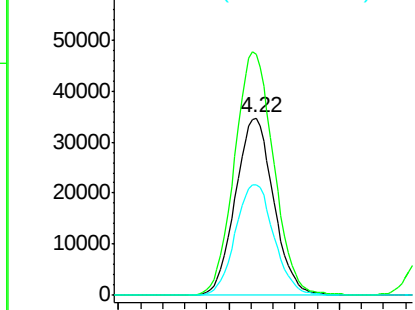
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	285.6
98	63.3	0.0	130.2

Manual Integrations
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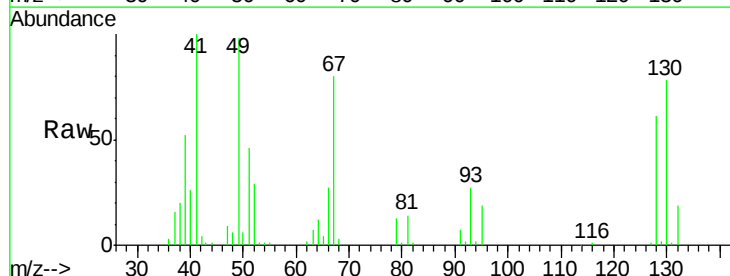
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



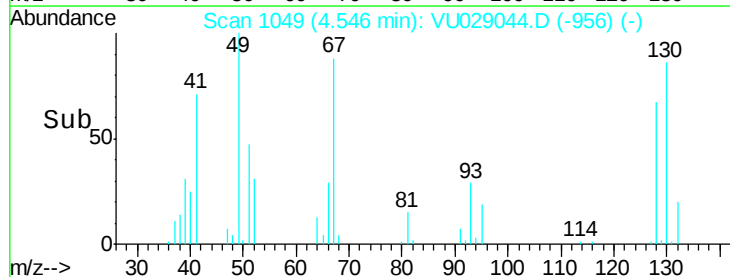
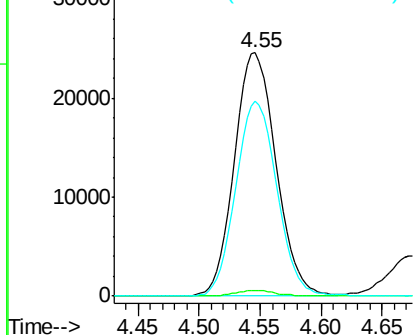
#28

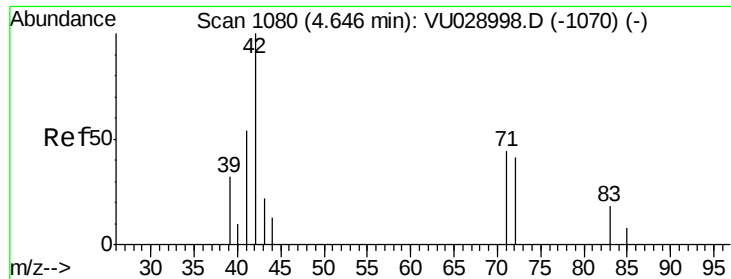
Bromochloromethane
Concen: 50.663 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.4
130	79.1	62.9	94.3



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





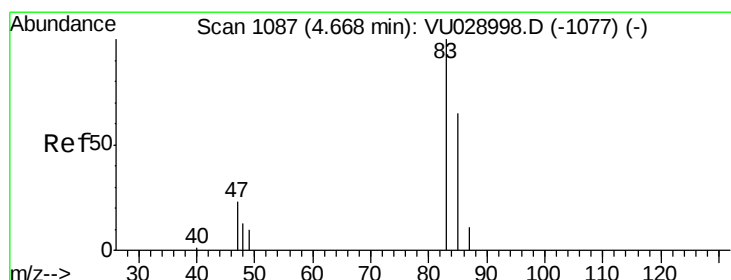
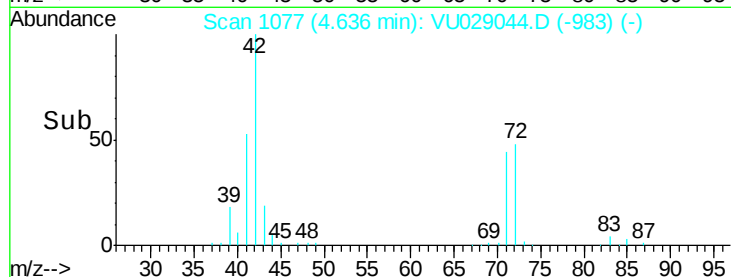
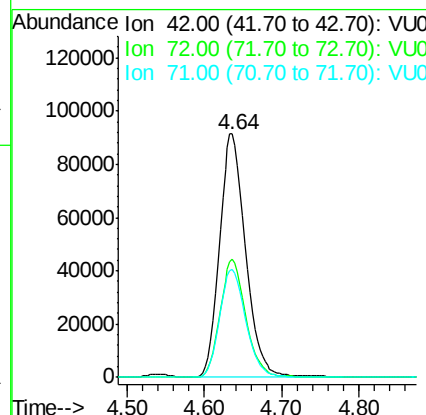
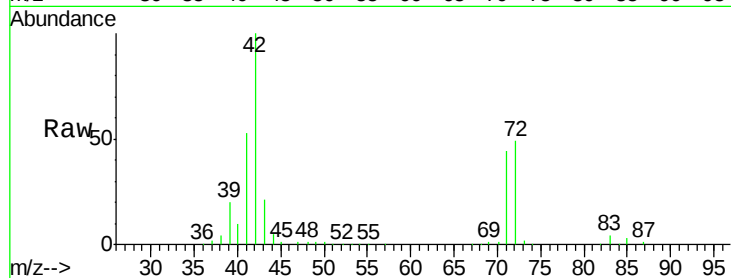
#29
Tetrahydrofuran
Concen: 272.857 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	38.3	57.5
71	45.0	36.1	54.1

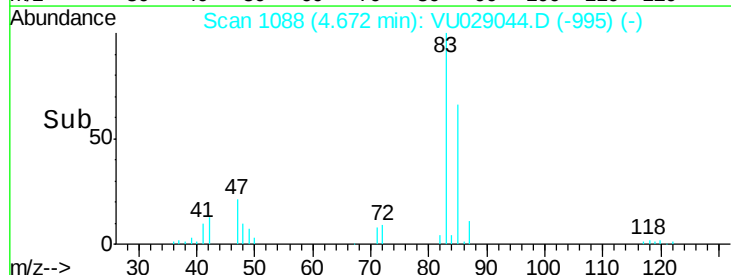
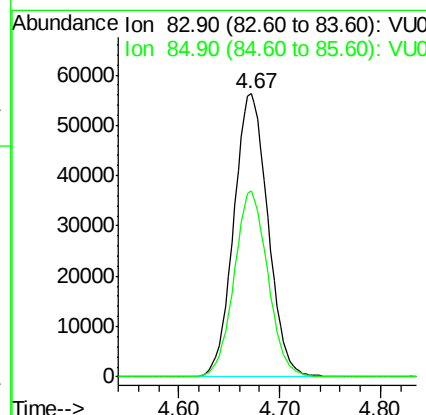
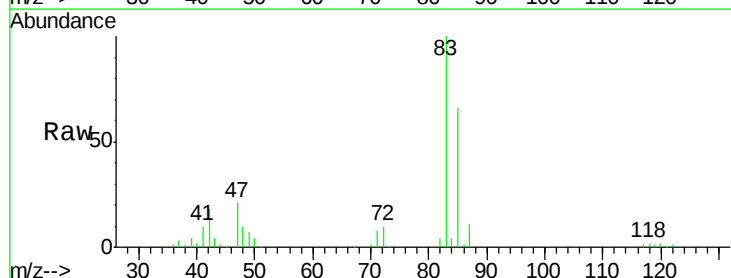
Manual Integrations
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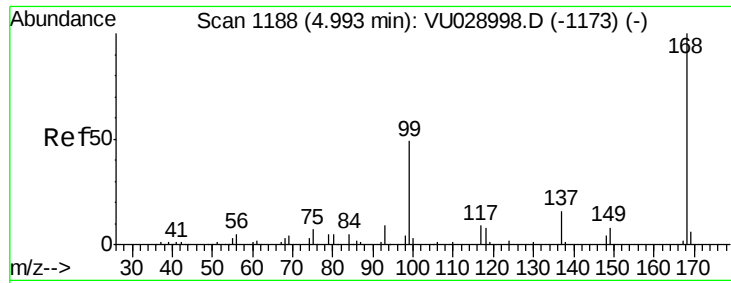
MMDadoda
1/7/2019 12:49:06 PM



#30
Chloroform
Concen: 51.793 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	53.4	80.0





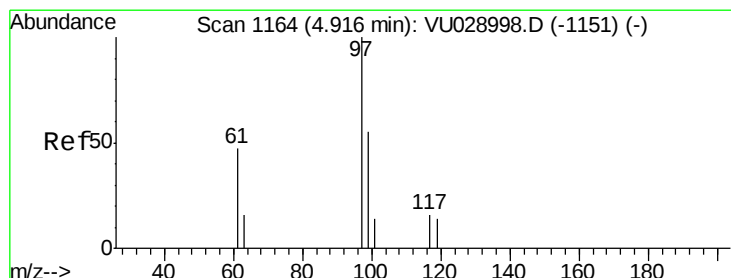
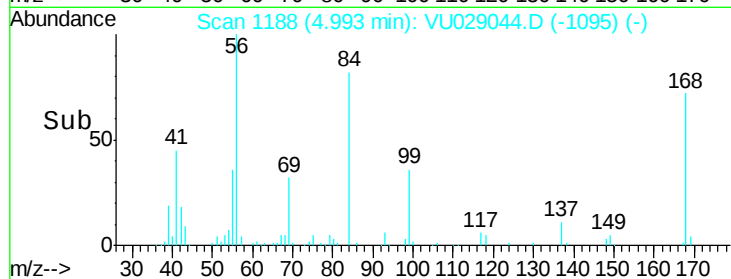
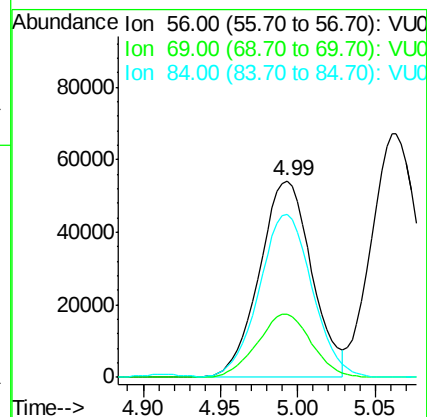
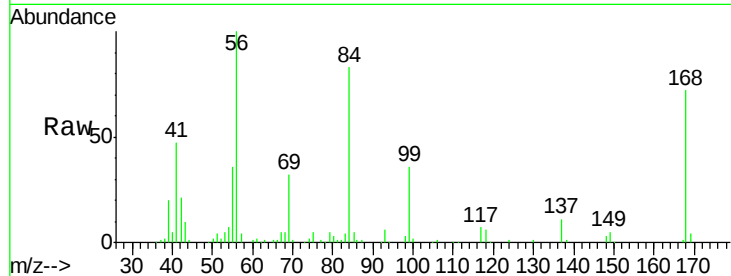
#31
Cyclohexane
Concen: 50.370 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.7	40.1
84	82.5	65.7	98.5

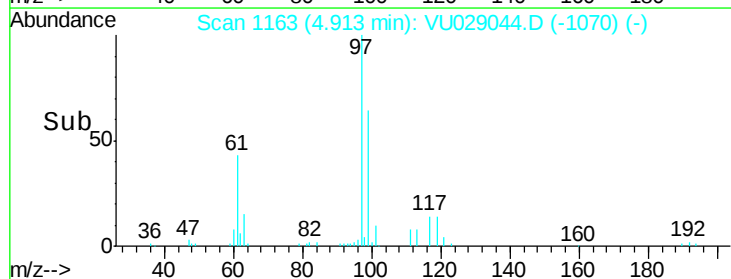
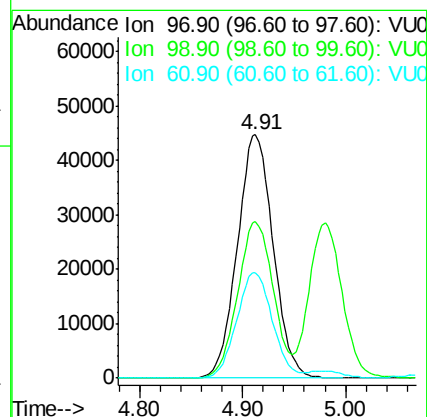
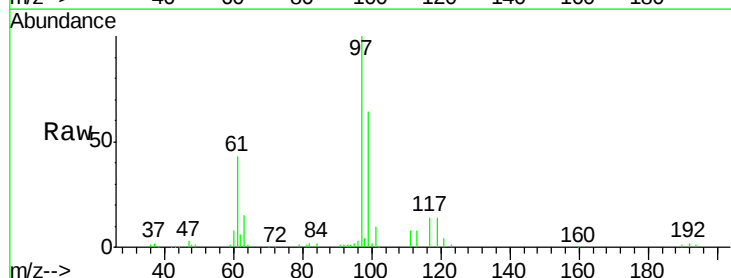
Manual Integrations
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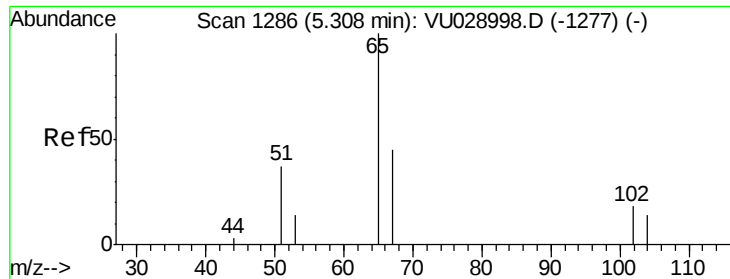
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#32
1,1,1-Trichloroethane
Concen: 51.131 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	43.3	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 50.877 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 77842

Ion Ratio Lower Upper

65 100

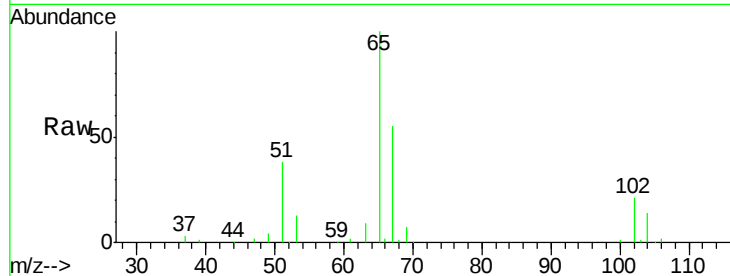
67 55.1 0.0 111.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VU029044.D (-1192) (-)

Ion 66.90 (66.60 to 67.60): VU029044.D (-1192) (-)

5.31

40000

30000

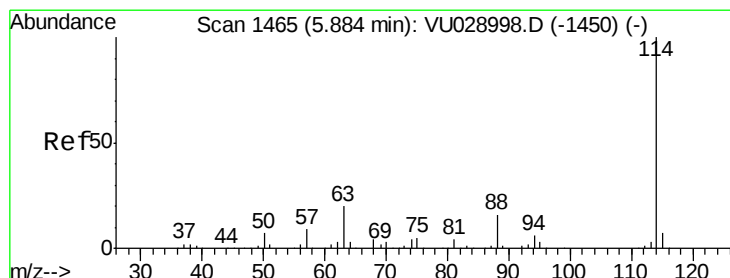
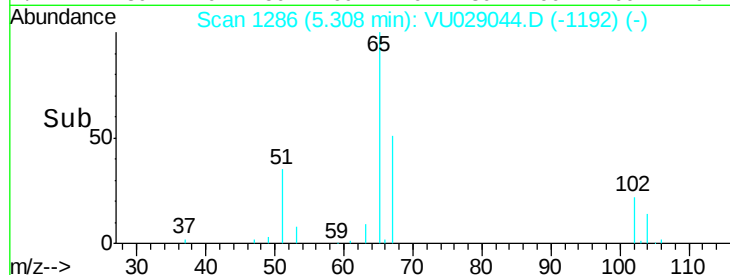
20000

10000

0

Time-->

5.25 5.30 5.35 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

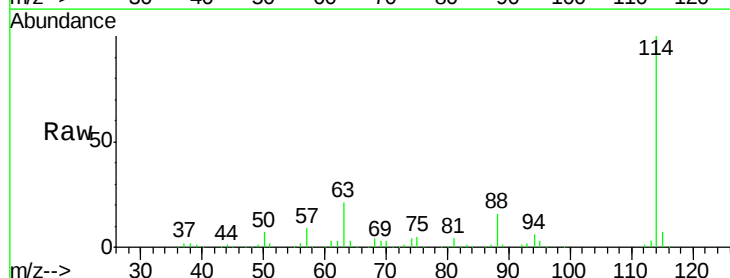
Tgt Ion: 114 Resp: 206260

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 16.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VU029044.D (-1372) (-)

Ion 63.00 (62.70 to 63.70): VU029044.D (-1372) (-)

Ion 87.90 (87.60 to 88.60): VU029044.D (-1372) (-)

5.88

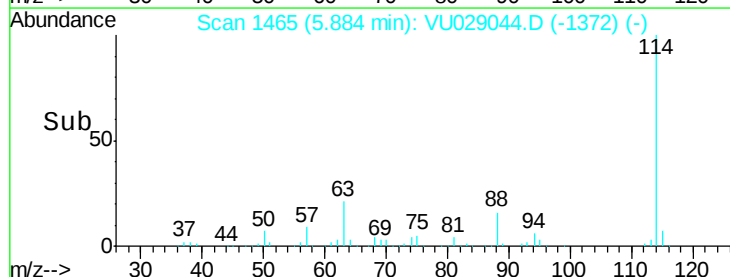
100000

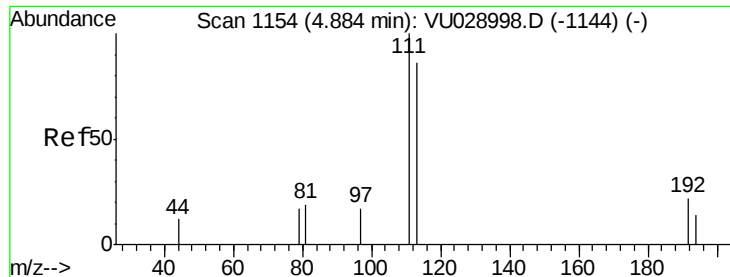
50000

0

Time-->

5.80 5.90 6.00





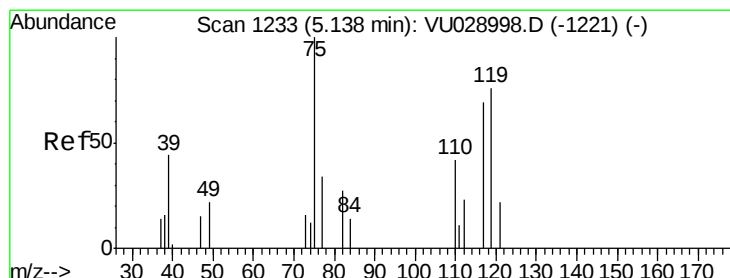
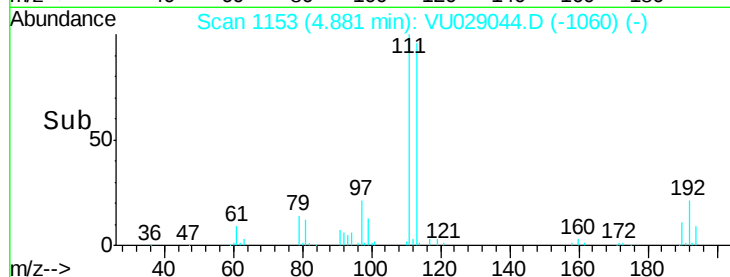
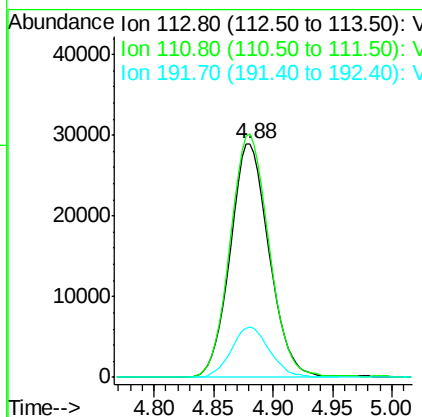
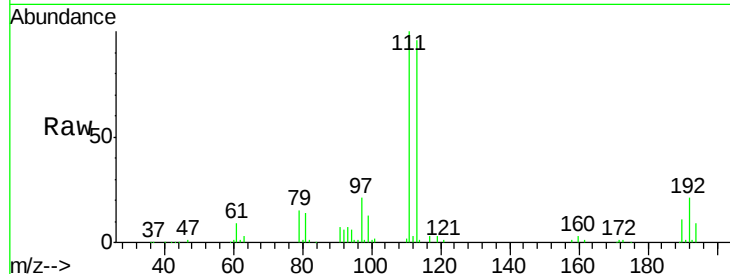
#35
 Dibromofluoromethane
 Concen: 48.972 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.2
192	21.2	16.8	25.2

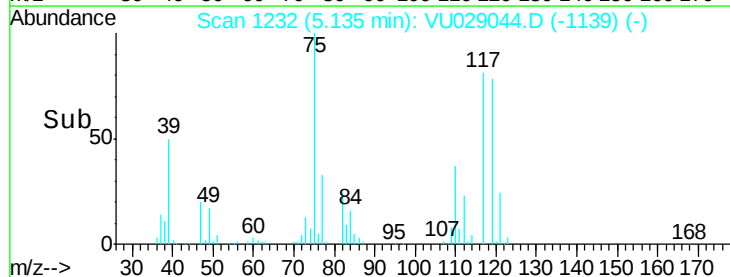
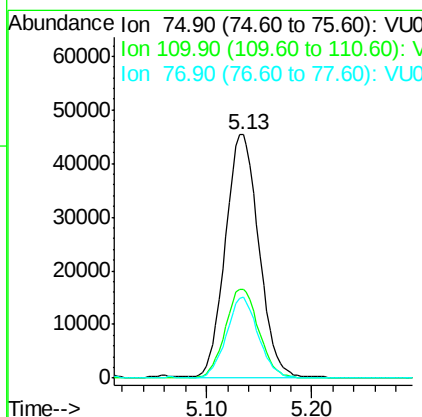
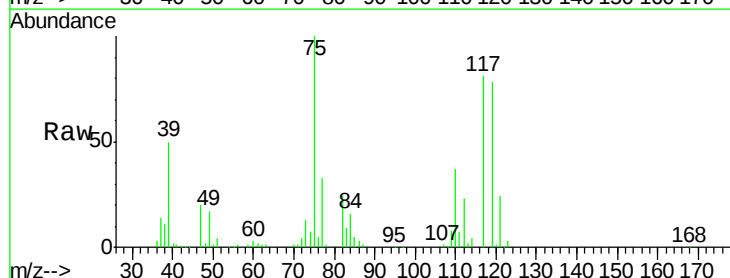
Manual Integrations
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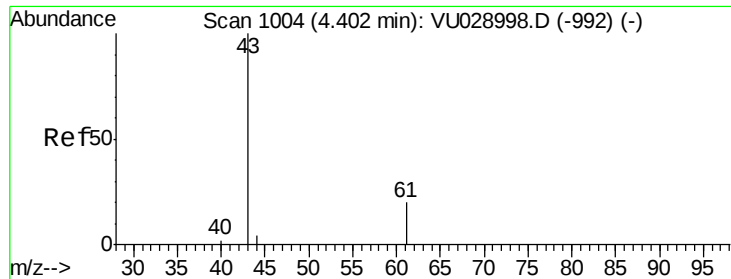
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 1/7/2019 12:49:06 PM



#36
 1,1-Dichloropropene
 Concen: 48.350 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.4	55.4
77	31.7	25.1	37.7





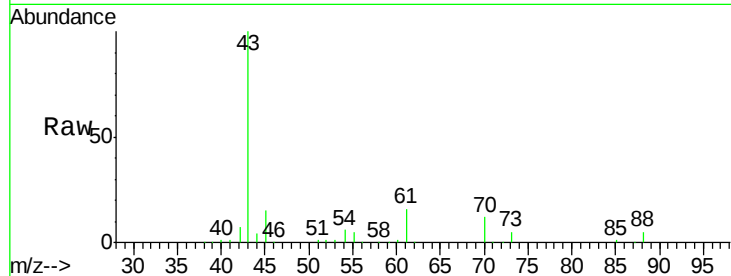
#37
Ethyl Acetate
Concen: 52.565 ug/l
RT: 4.38 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.6	18.8
70	11.6	9.3	13.9

Manual Integrations
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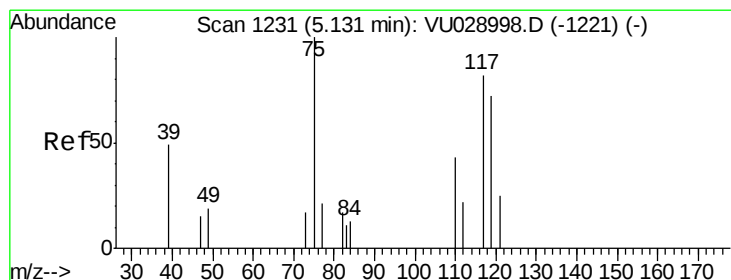
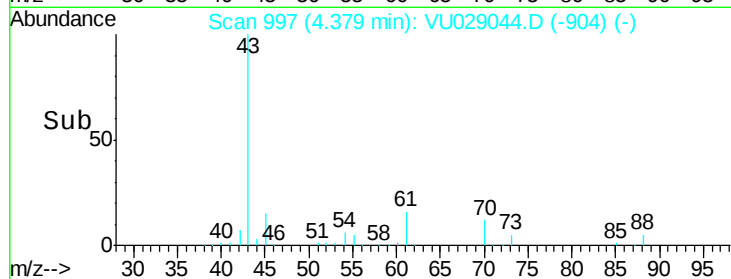
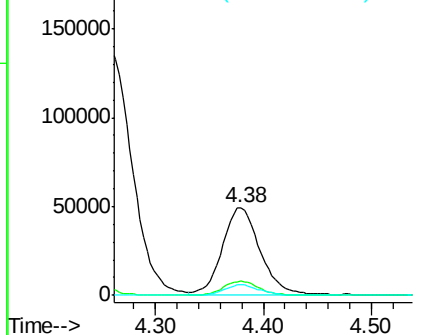
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Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-992) (-)

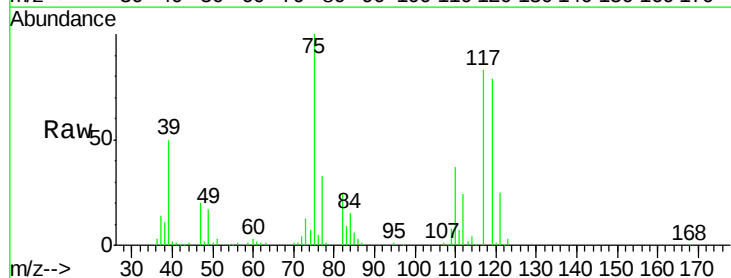
Ion 60.90 (60.60 to 61.60): VU028998.D (-992) (-)

Ion 70.00 (69.70 to 70.70): VU028998.D (-992) (-)



#38
Carbon Tetrachloride
Concen: 50.210 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

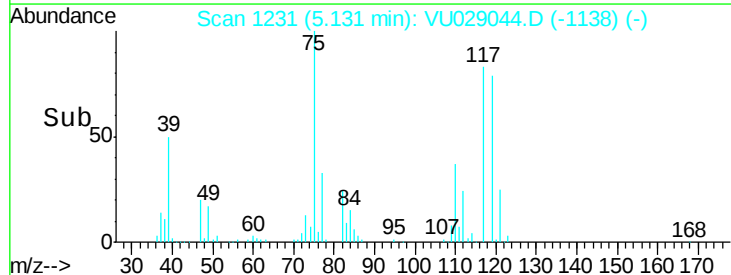
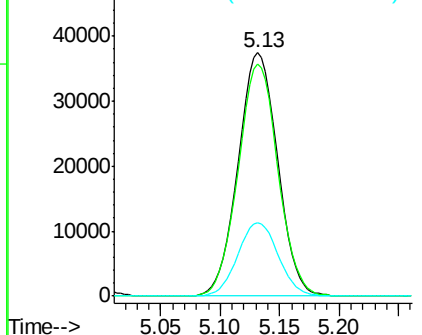
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.6	111.8
121	30.1	25.0	37.6

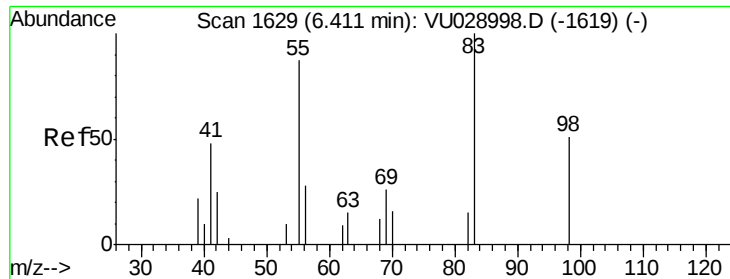


Abundance Ion 116.80 (116.50 to 117.50): VU028998.D (-1221) (-)

Ion 118.80 (118.50 to 119.50): VU028998.D (-1221) (-)

Ion 120.80 (120.50 to 121.50): VU028998.D (-1221) (-)





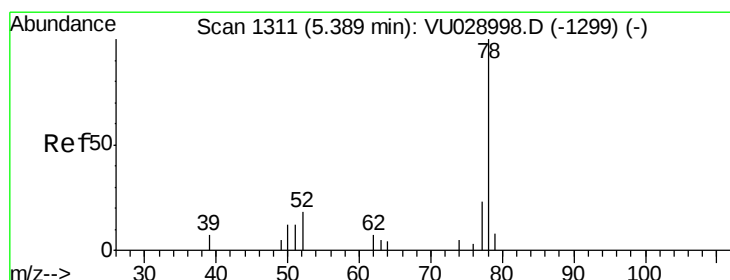
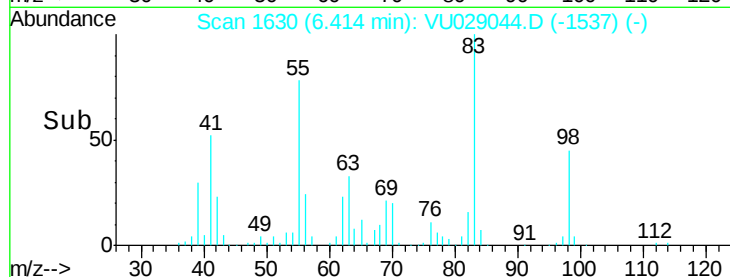
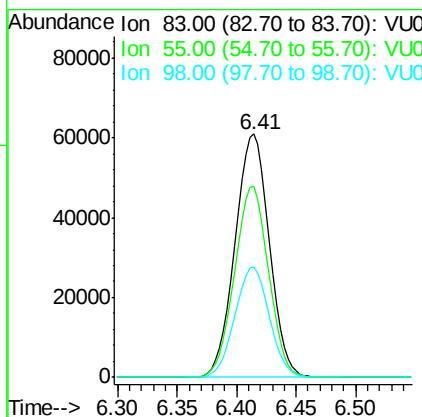
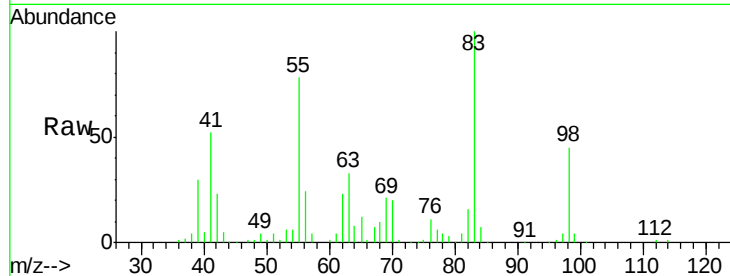
#39
Methylvlcyclohexane
Concen: 48.069 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	121834
Ion Ratio	Lower	Upper	
83	100		
55	78.5	62.4	93.6
98	45.2	36.2	54.2

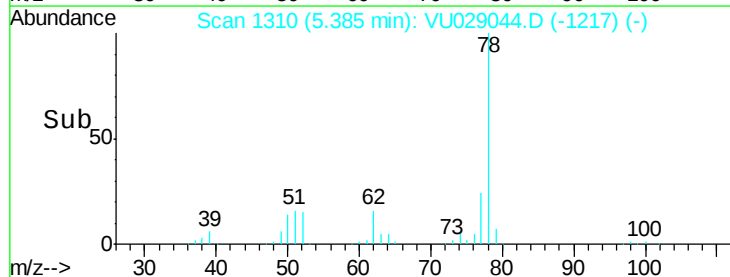
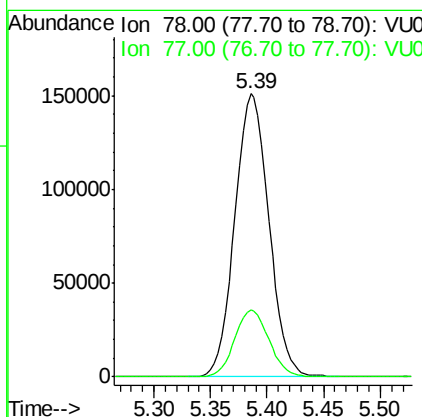
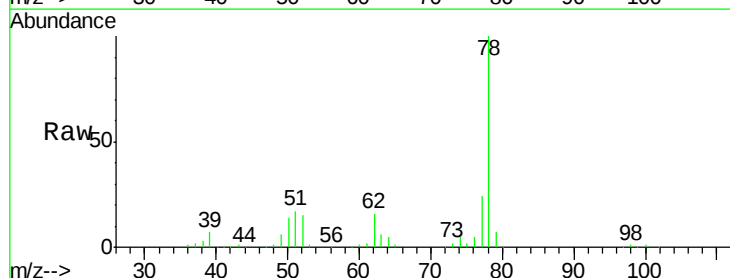
Manual Integrations
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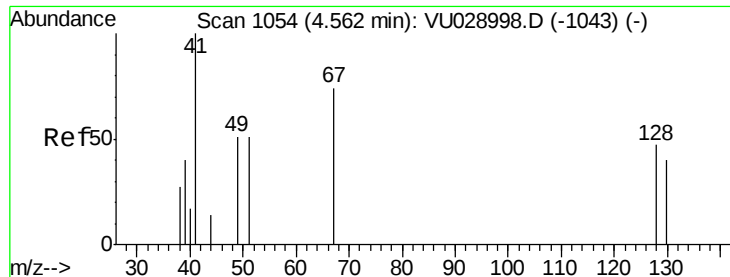
MMDadoda
1/7/2019 12:49:06 PM



#40
Benzene
Concen: 49.373 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	78	Resp	317513
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.9	28.3





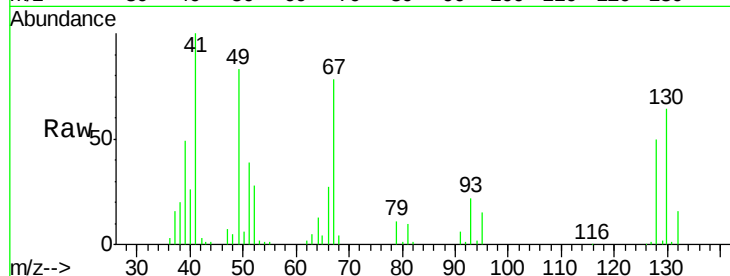
#41
Methacrylonitrile
Concen: 54.537 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

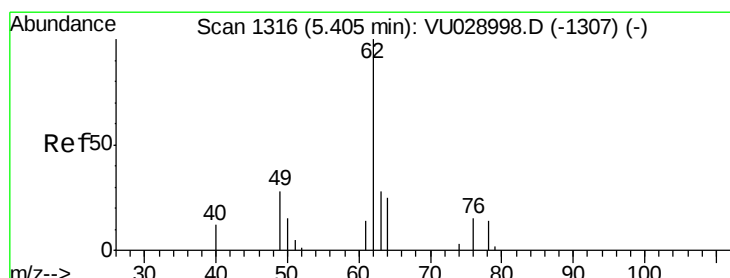
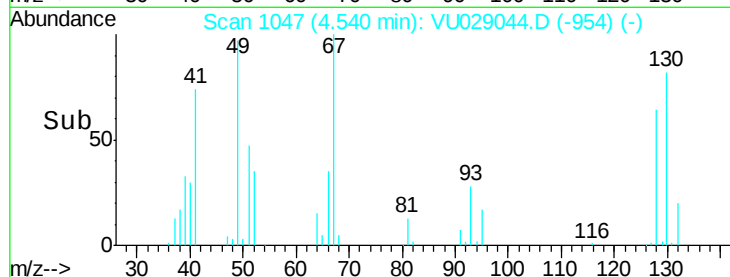
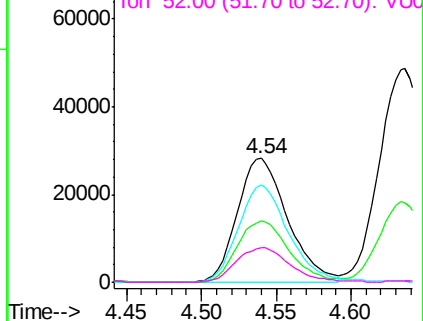
Tot Ion:	41	Resp:	66063
Ion	Ratio	Lower	Upper
41	100		
39	51.2	42.3	63.5
67	79.5	64.4	96.6
52	30.0	23.9	35.9

Manual Integrations
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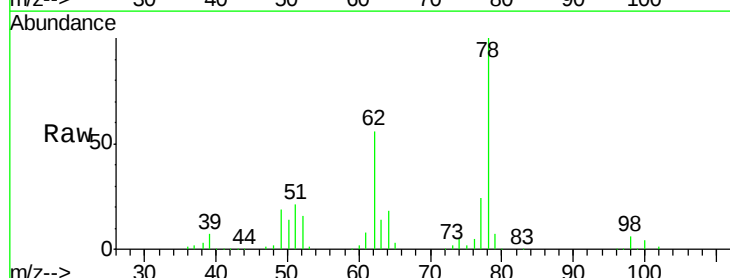


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

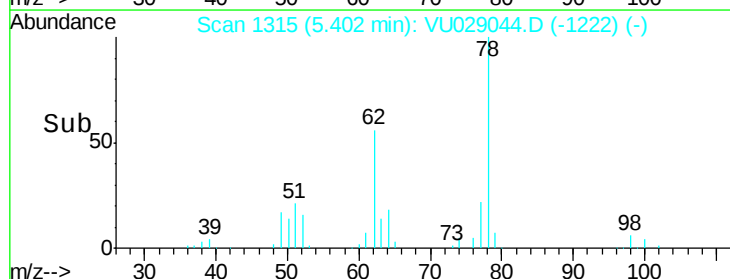
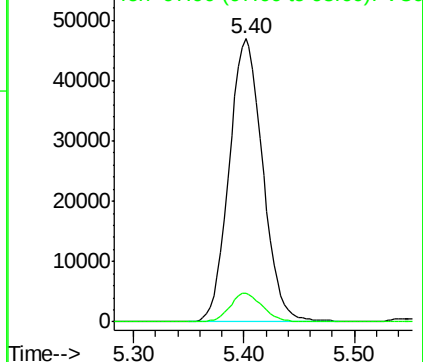


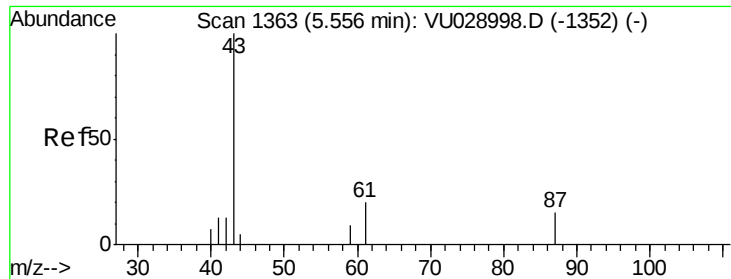
#42
1,2-Dichloroethane
Concen: 51.381 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion:	62	Resp:	99289
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 53.105 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

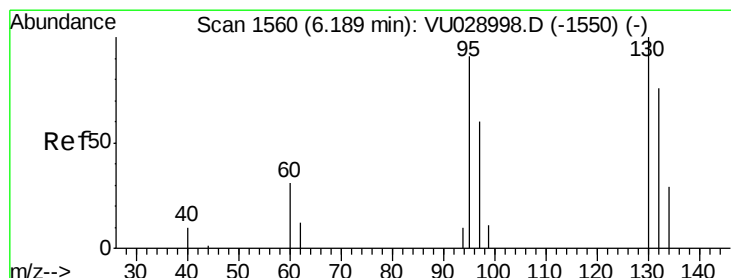
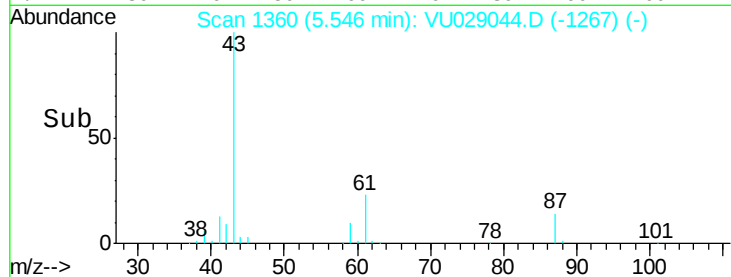
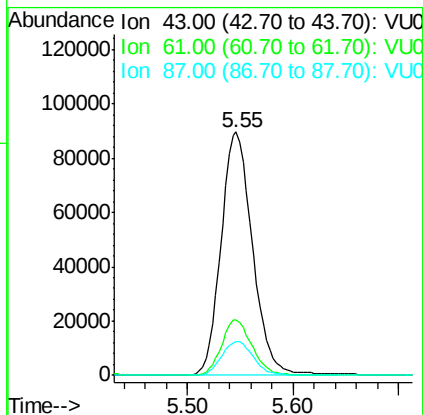
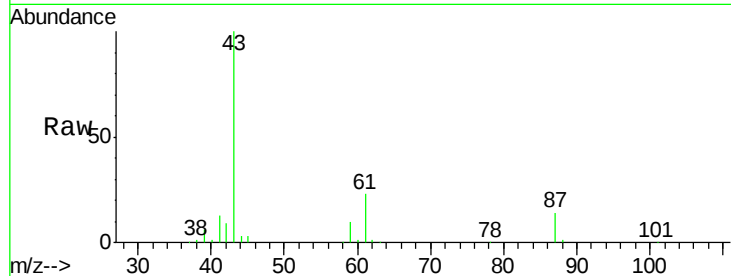
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	184351
Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.8	26.6
87	14.1	11.3	16.9

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#44

Trichloroethene

Concen: 48.650 ug/l

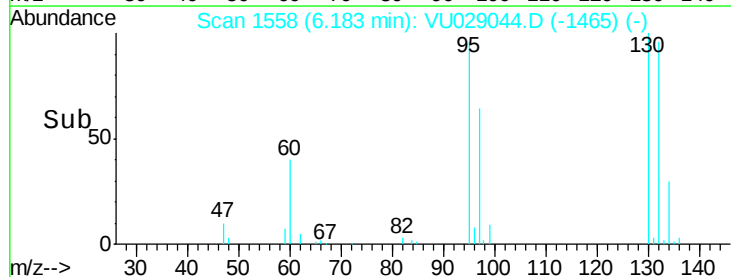
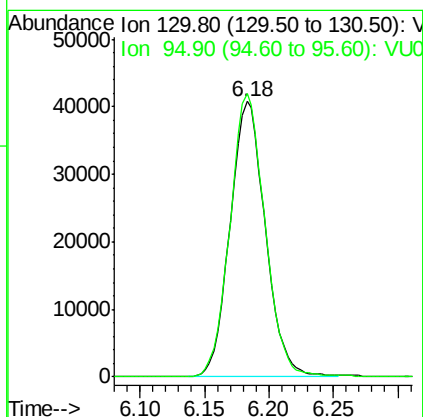
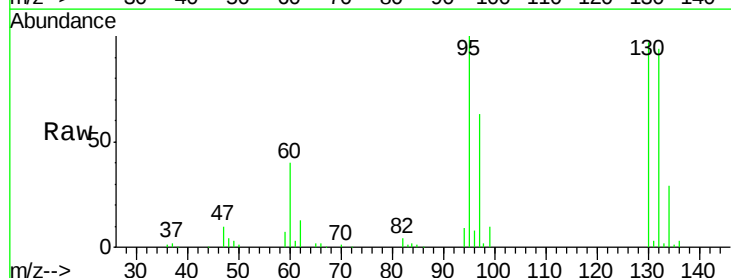
RT: 6.18 min Scan# 1558

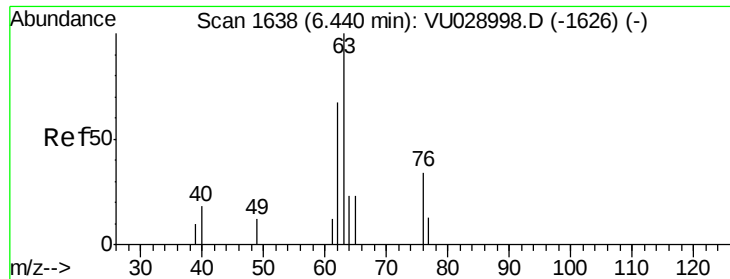
Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Tgt Ion:	130	Resp:	77519
Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	205.0





#45

1,2-Dichloropropane

Concen: 50.990 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 86594

Ion Ratio Lower Upper

63 100

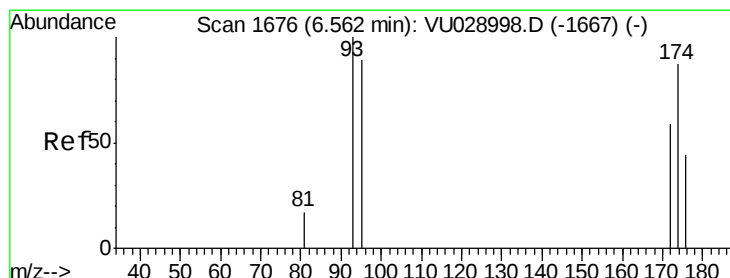
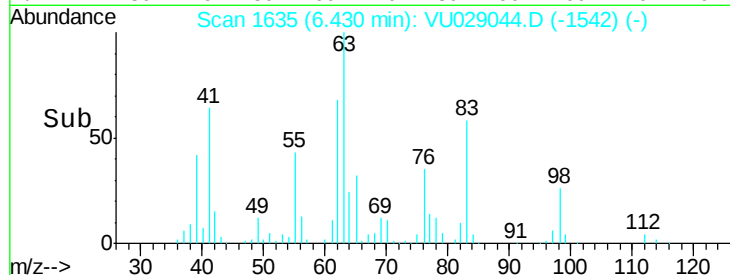
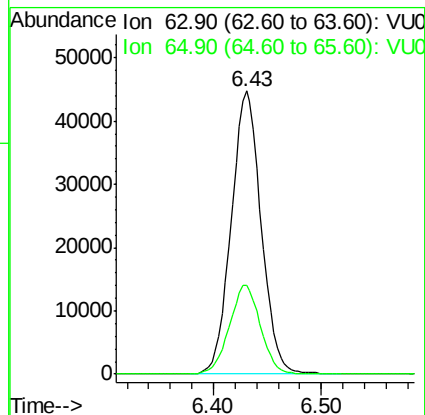
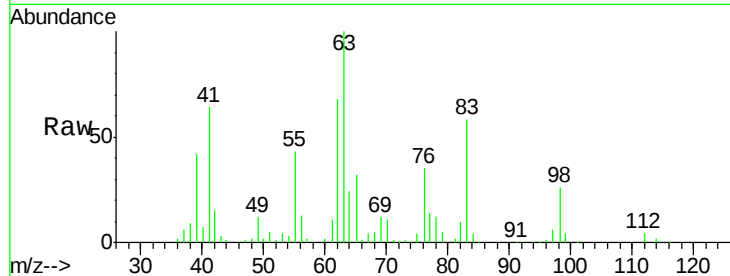
65 31.6 25.1 37.7

Manual Integrations

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#46

Dibromomethane

Concen: 50.385 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

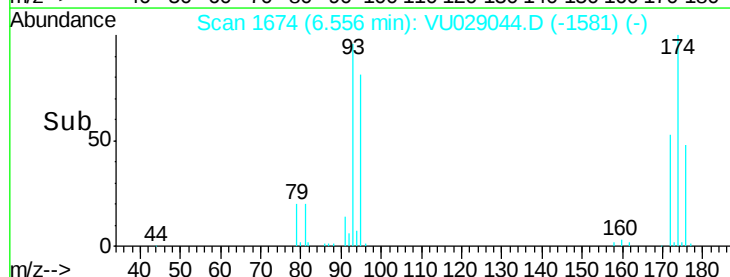
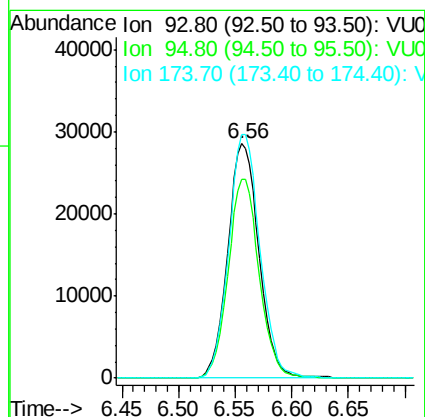
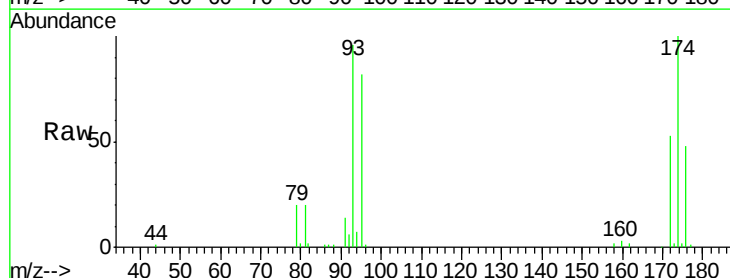
Tgt Ion: 93 Resp: 54700

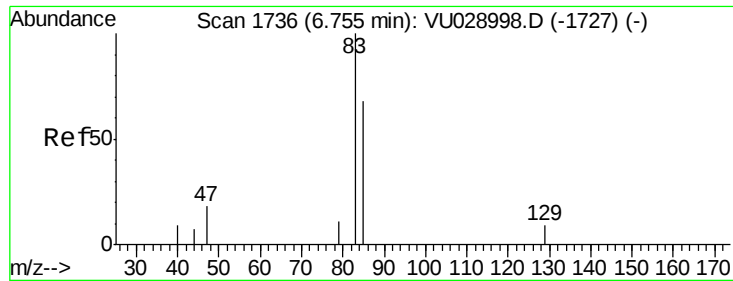
Ion Ratio Lower Upper

93 100

95 84.3 67.2 100.8

174 104.2 82.6 123.8





#47

Bromodichloromethane

Concen: 50.799 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

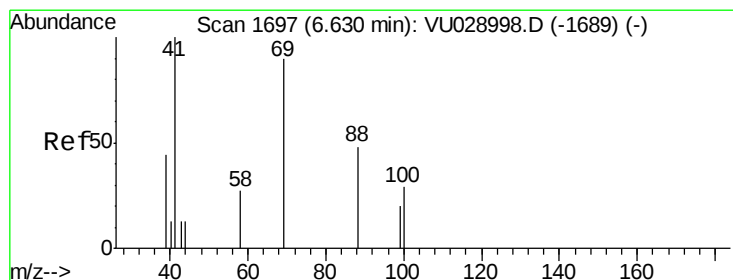
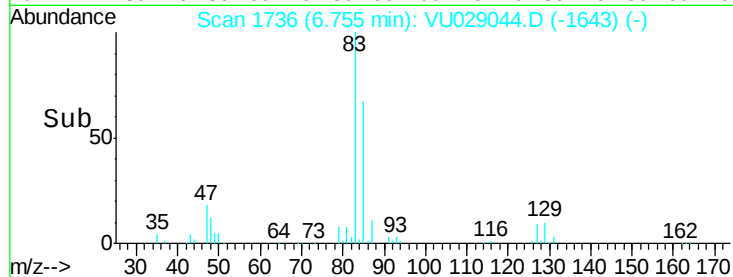
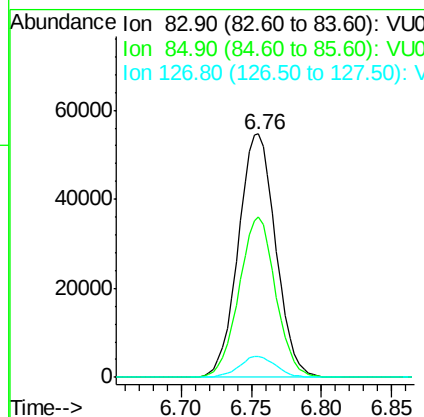
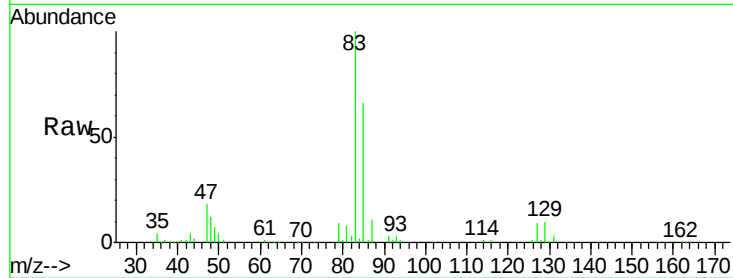
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	101538
Ion Ratio	Lower	Upper	
83	100		
85	65.8	51.4	77.2
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.574 ug/l

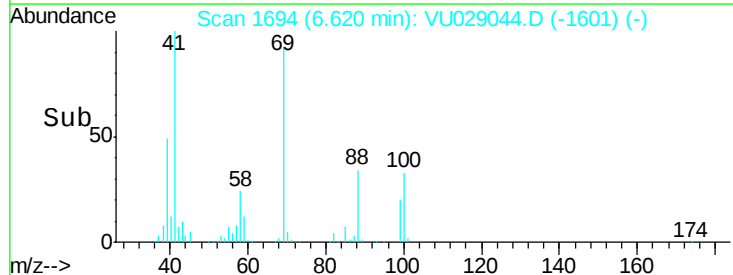
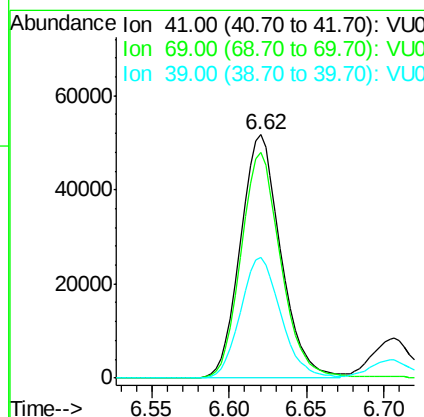
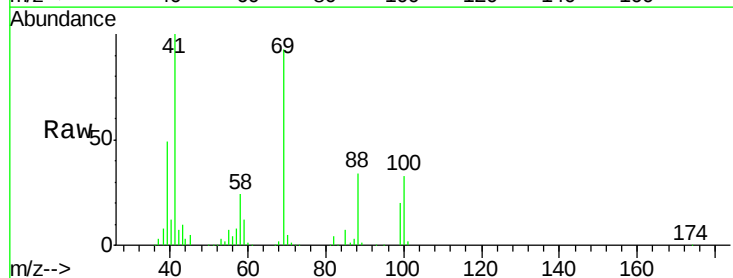
RT: 6.62 min Scan# 1694

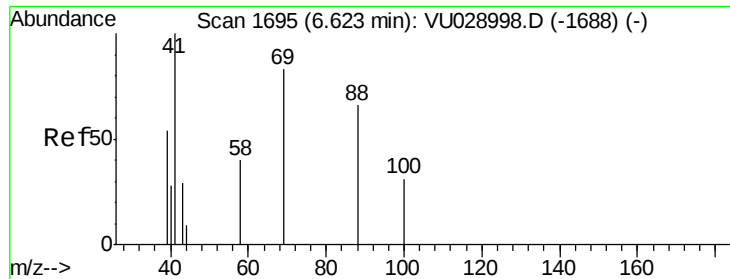
Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Tgt Ion:	41	Resp:	93939
Ion Ratio	Lower	Upper	
41	100		
69	91.6	73.6	110.4
39	49.5	39.6	59.4





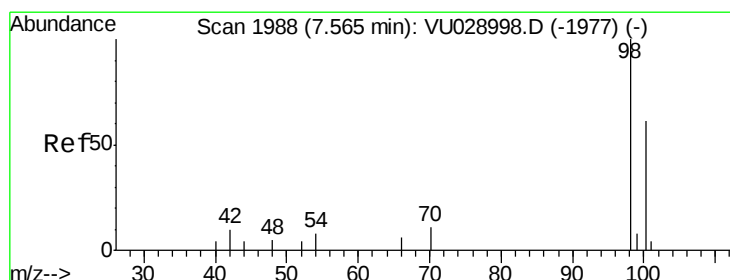
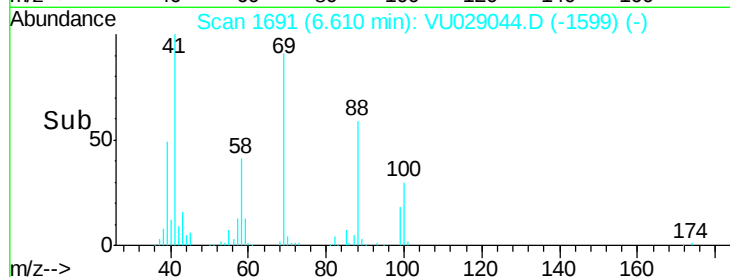
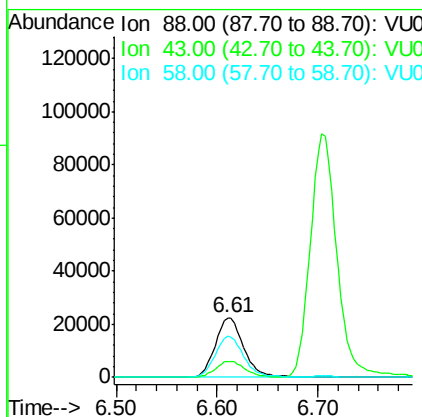
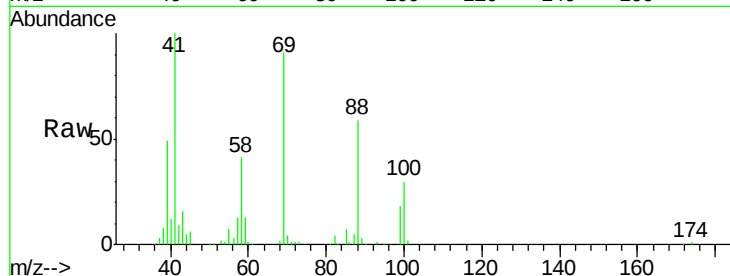
#49
1,4-Dioxane
Concen: 1102.493 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	44164
Ion	Ratio	Lower	Upper
88	100		
43	28.1	23.0	34.4
58	68.5	57.9	86.9

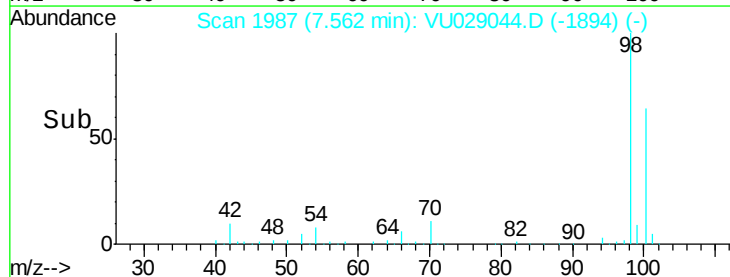
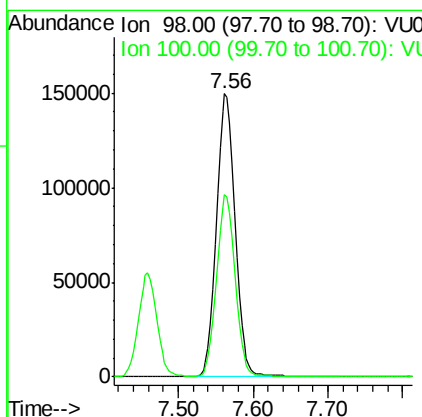
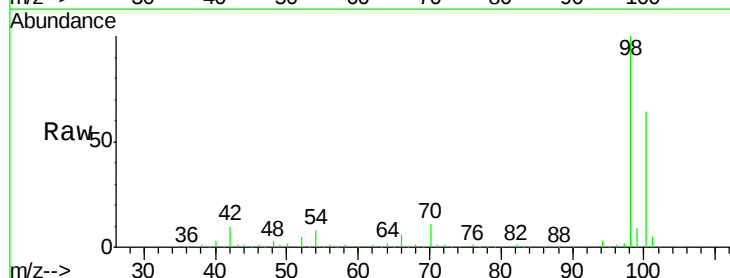
Manual Integrations
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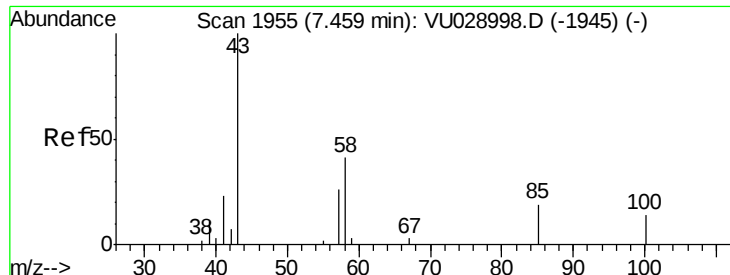
MMDadoda
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#50
Toluene-d8
Concen: 49.544 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	98	Resp	261518
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 266.997 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 630786

Ion Ratio Lower Upper

43 100

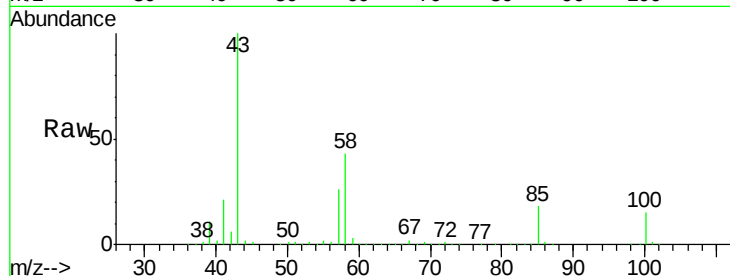
58 42.7 33.9 50.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

400000

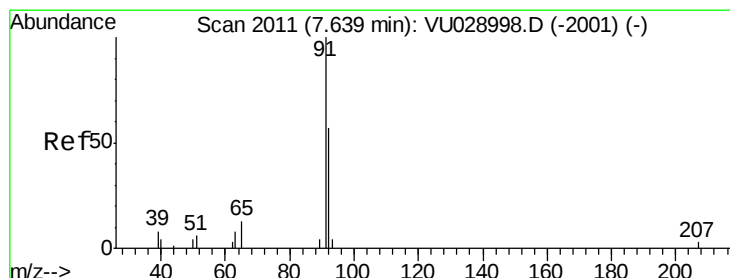
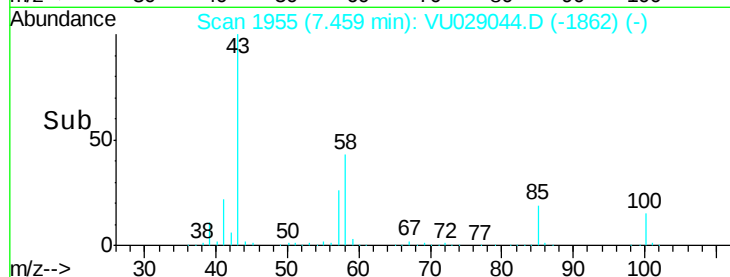
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.378 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029044.D

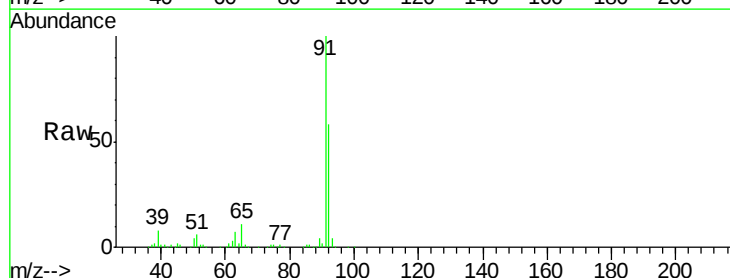
Acq: 04 Jan 2019 21:56

Tgt Ion: 92 Resp: 197228

Ion Ratio Lower Upper

92 100

91 171.7 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

200000

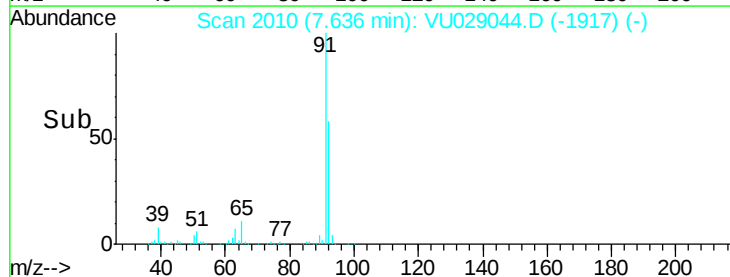
150000

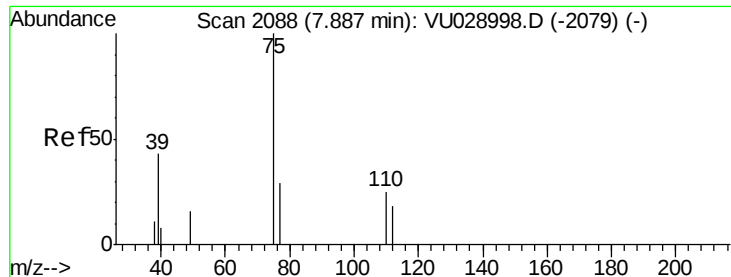
100000

50000

0

Time-->





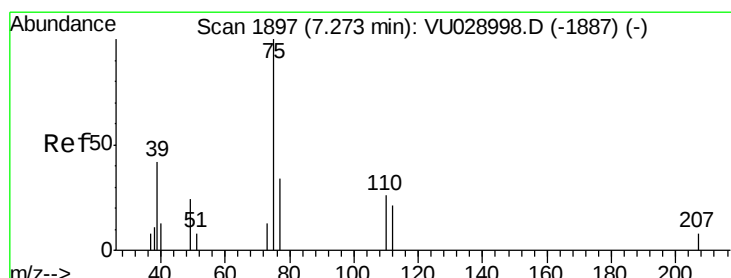
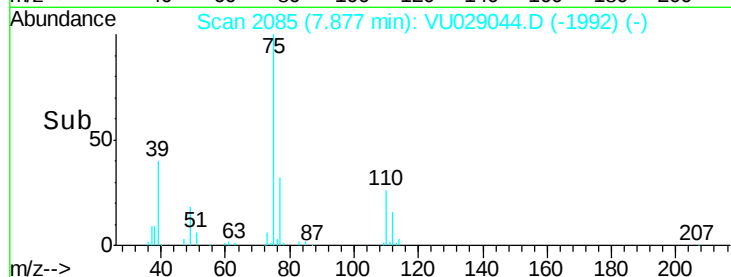
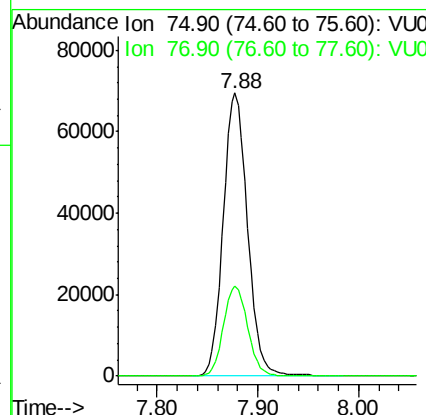
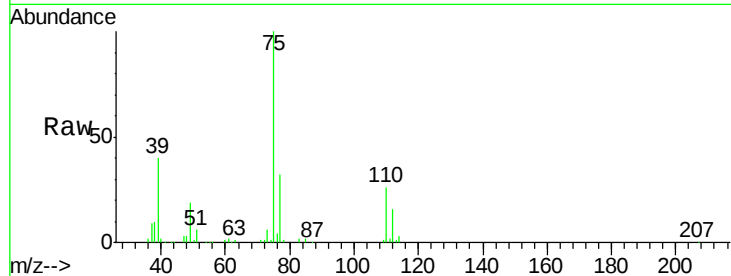
#53
t-1,3-Dichloropropene
Concen: 48.833 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 117256
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4

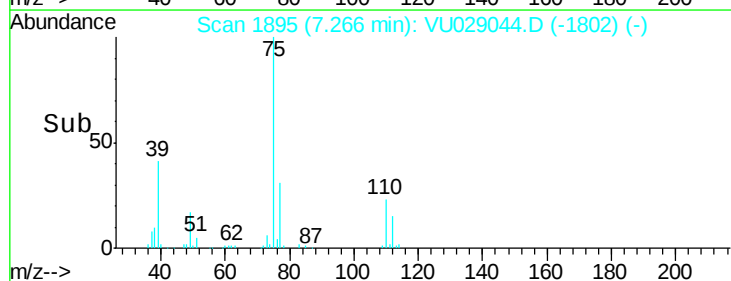
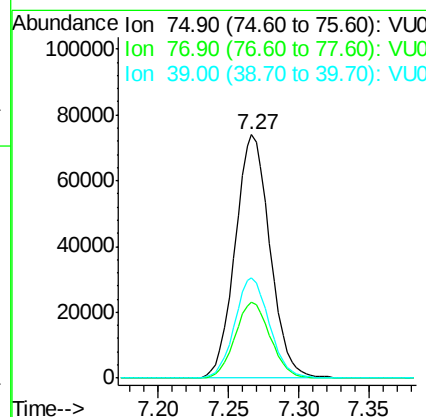
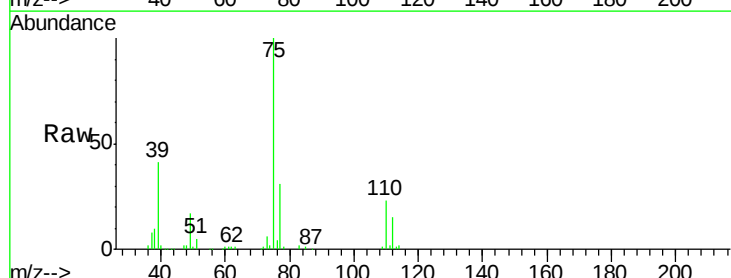
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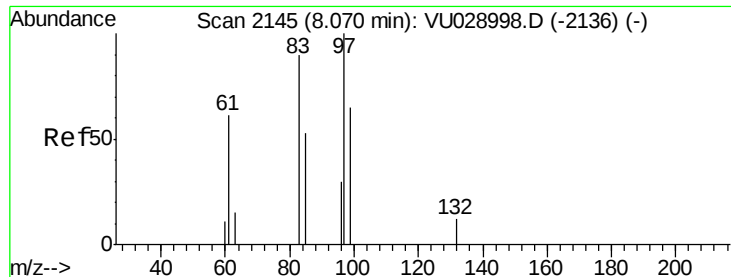
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#54
cis-1,3-Dichloropropene
Concen: 49.334 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion: 75 Resp: 128001
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 41.3 32.2 48.4





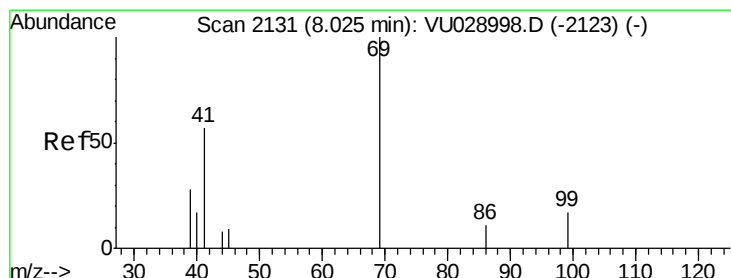
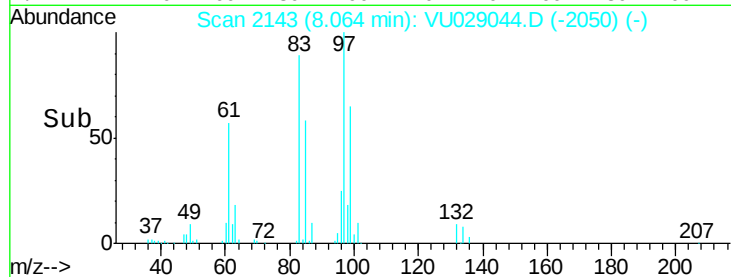
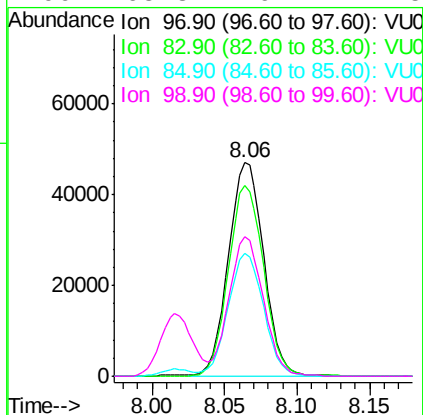
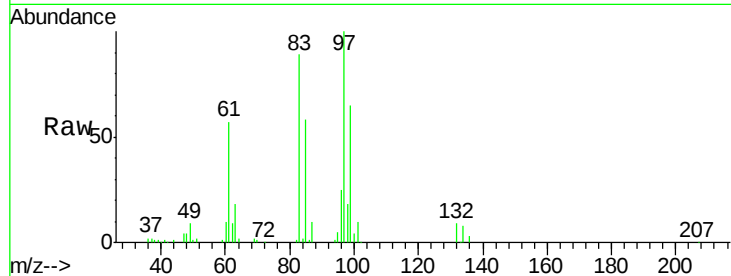
#55
 1,1,2-Trichloroethane
 Concen: 50.305 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.8	104.8
85	57.8	47.3	70.9
99	65.3	49.7	74.5

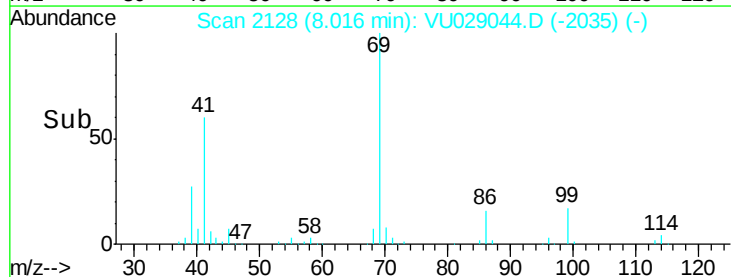
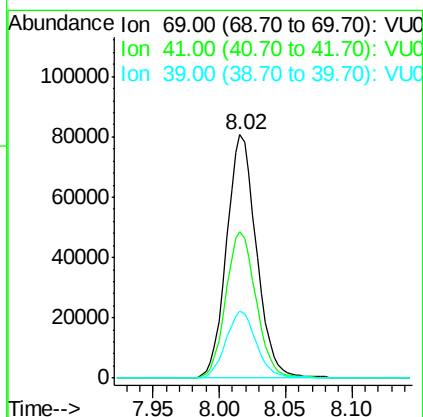
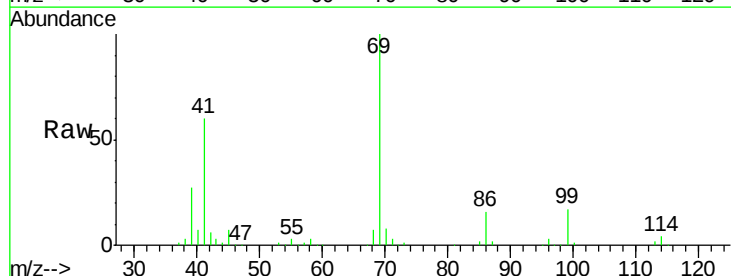
Manual Integrations
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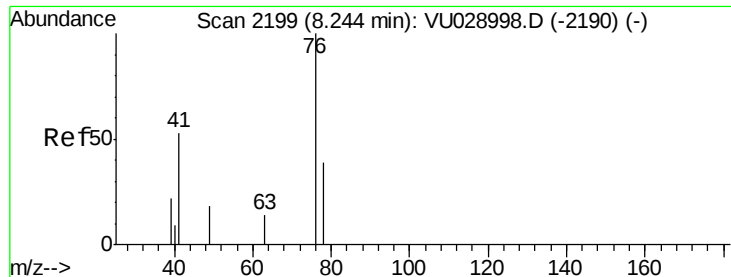
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 1/7/2019 12:49:06 PM



#56
 Ethyl methacrylate
 Concen: 52.384 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.4	47.5	71.3
39	27.7	22.5	33.7





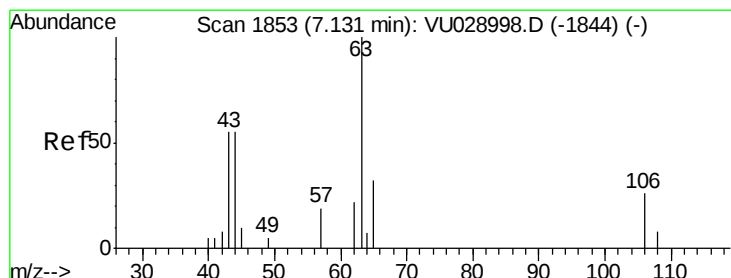
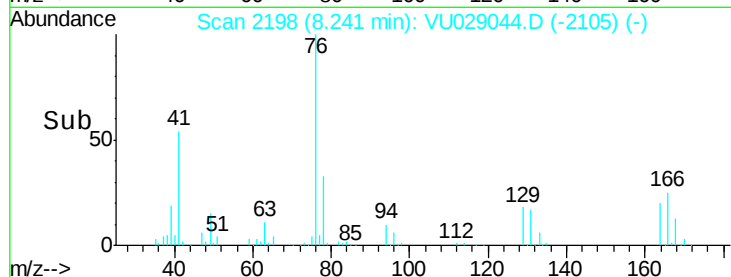
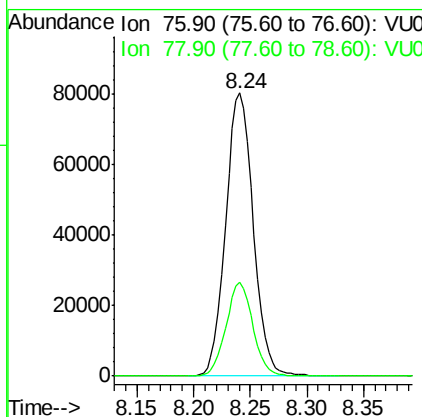
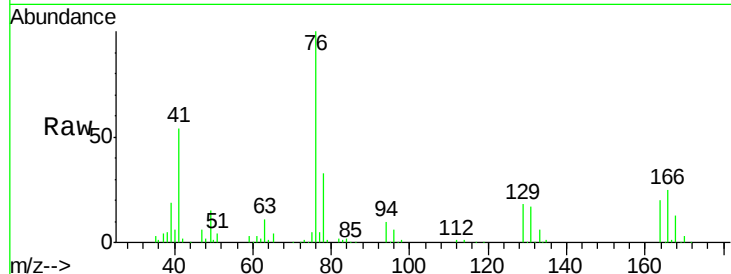
#57
 1,3-Dichloropropane
 Concen: 50.938 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 136702
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0

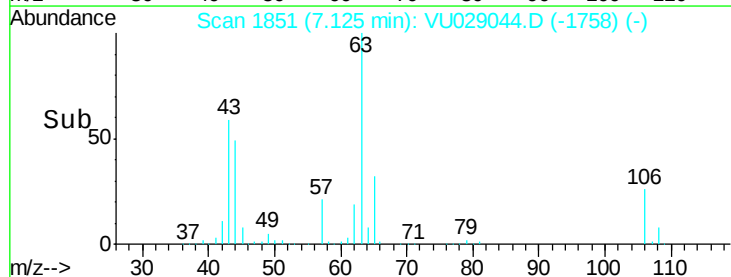
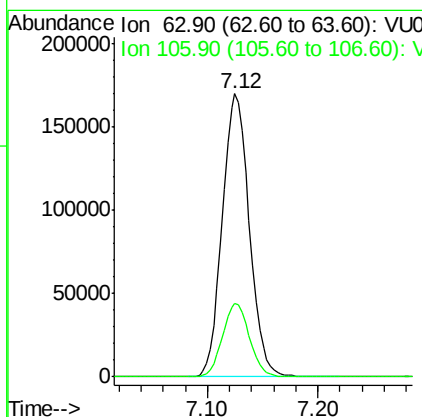
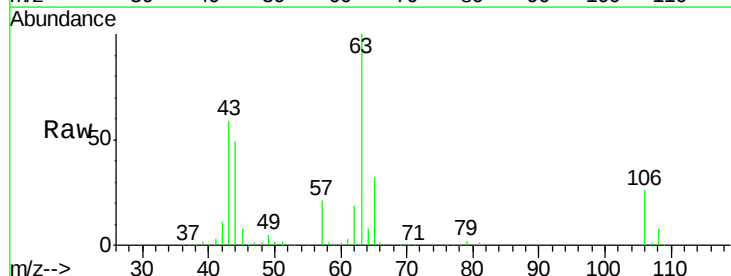
Manual Integrations
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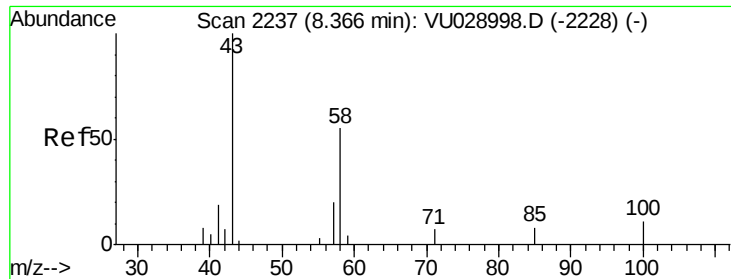
MMDadoda
 1/7/2019 12:49:06 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.862 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion: 63 Resp: 288889
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.6 31.0





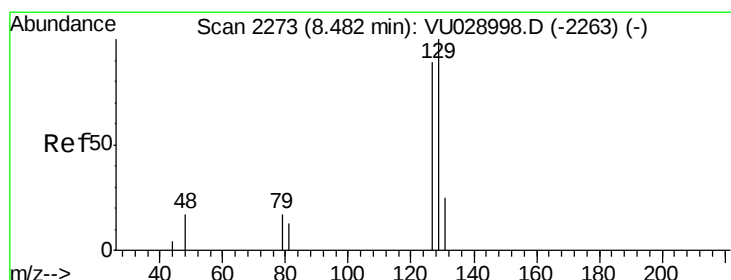
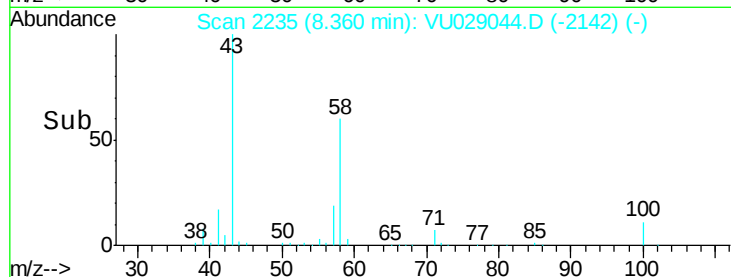
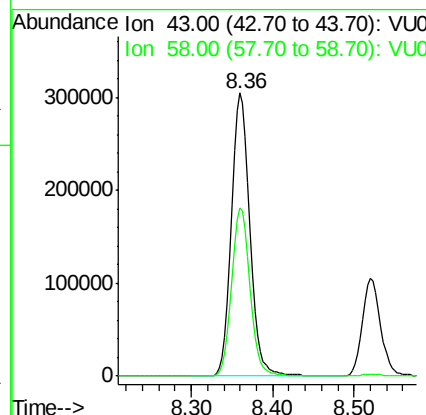
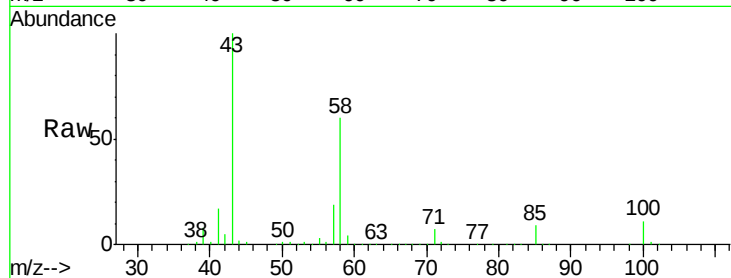
#59
2-Hexanone
Concen: 264.949 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 491345
Ion Ratio Lower Upper
43 100
58 59.2 29.8 89.4

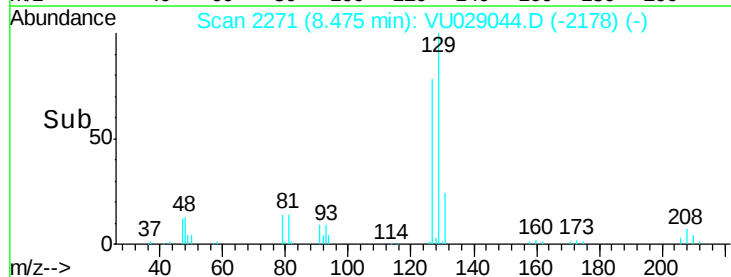
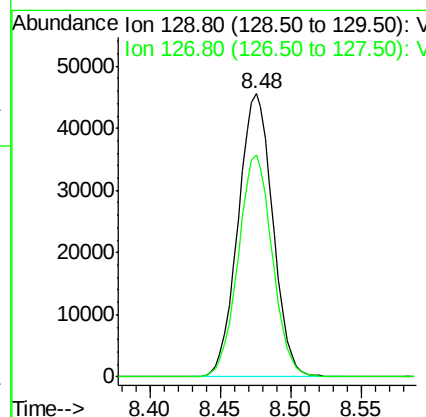
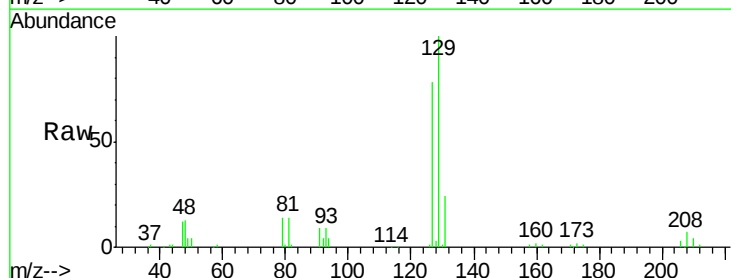
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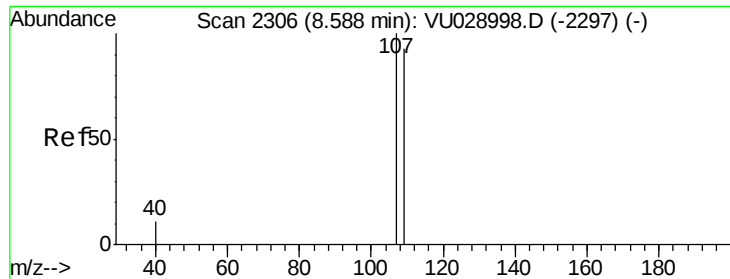
MMDadoda
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#60
Dibromochloromethane
Concen: 50.503 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion: 129 Resp: 78473
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.0





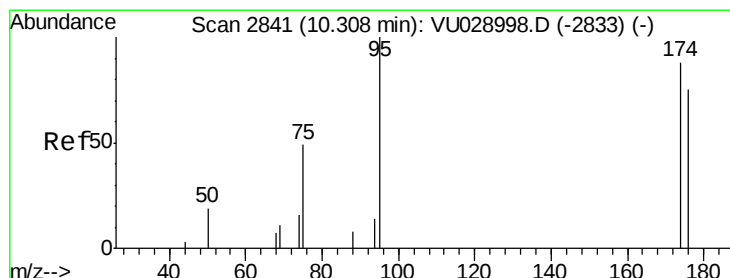
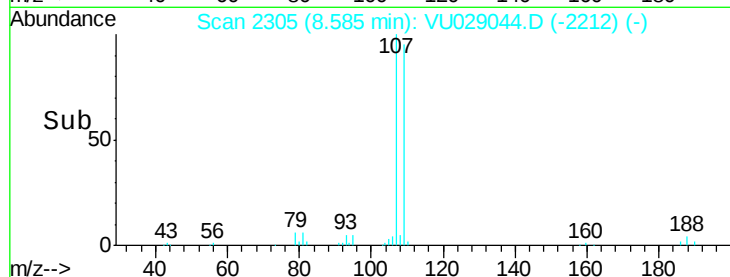
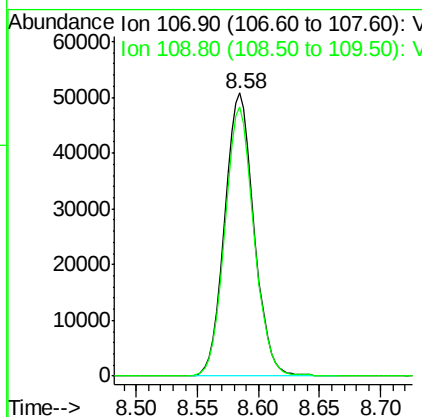
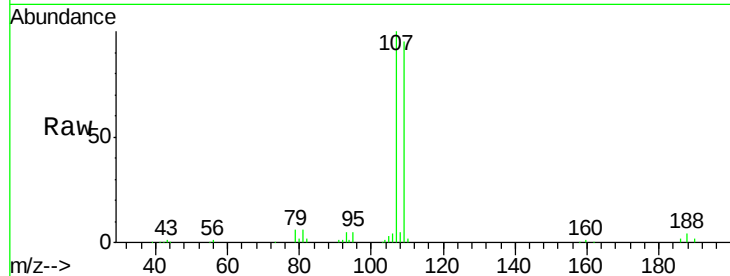
#61
1,2-Dibromoethane
Concen: 50.303 ug/l
RT: 8.58 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:107 Resp: 85566
Ion Ratio Lower Upper
107 100
109 94.6 75.5 113.3

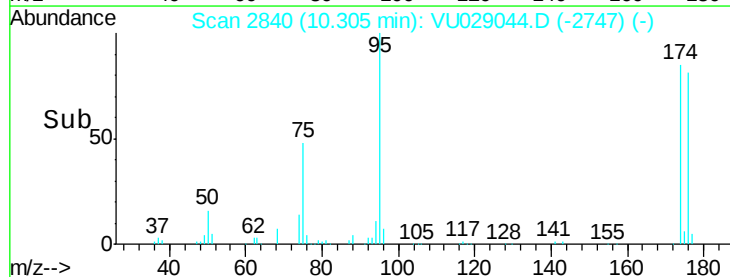
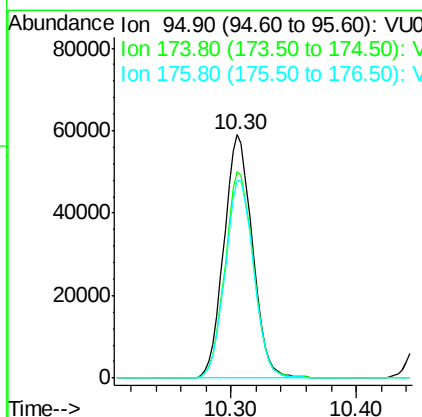
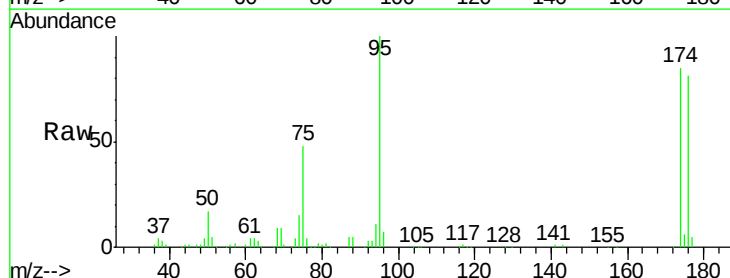
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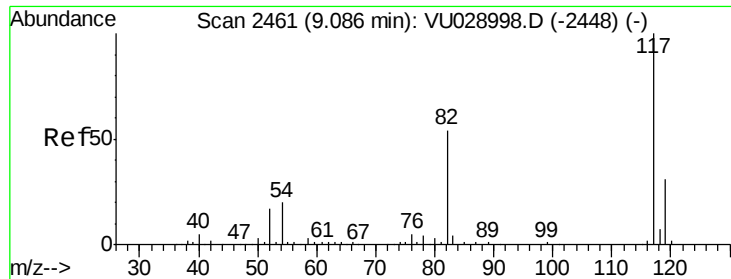
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 48.966 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion: 95 Resp: 92887
Ion Ratio Lower Upper
95 100
174 84.9 0.0 170.6
176 81.7 0.0 165.0





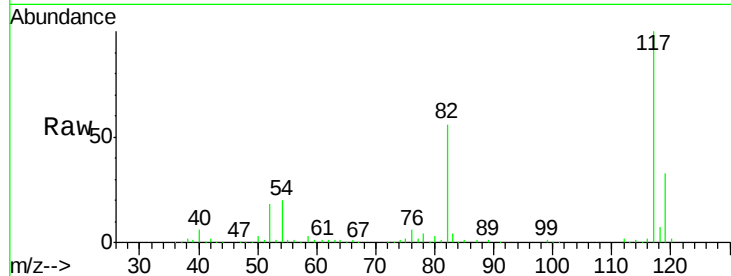
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	192612		
82	56.1	43.9	65.9	
119	32.7	26.0	39.0	

Manual Integrations
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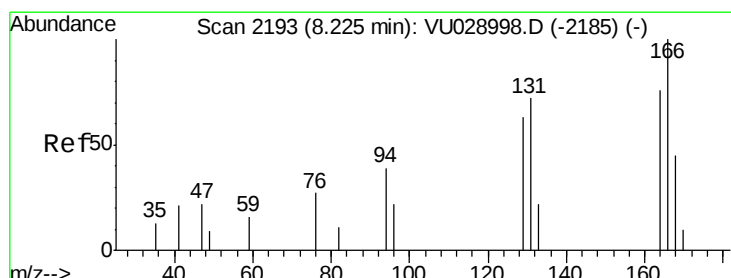
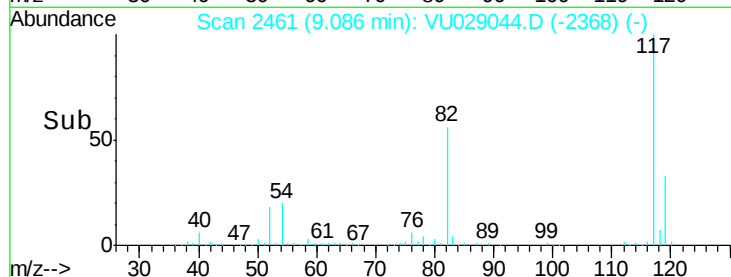
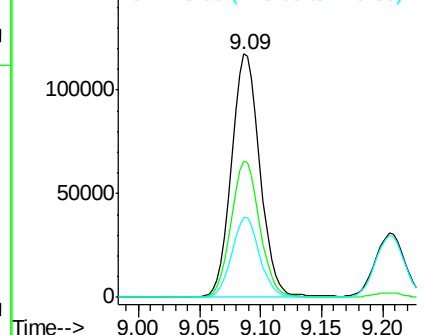


Abundance

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: 51.533 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71502		
166	126.5	99.4	149.0	
129	90.0	70.5	105.7	
131	87.6	69.0	103.6	

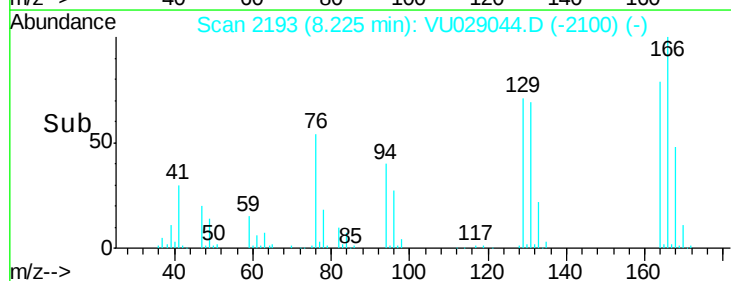
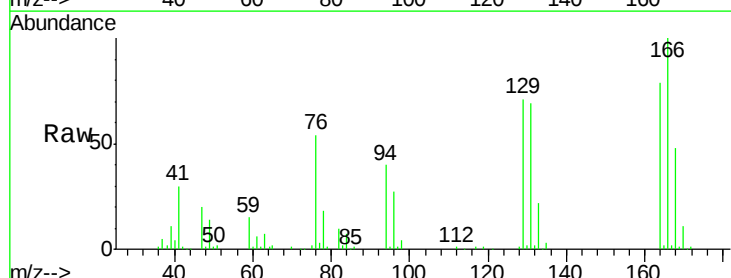
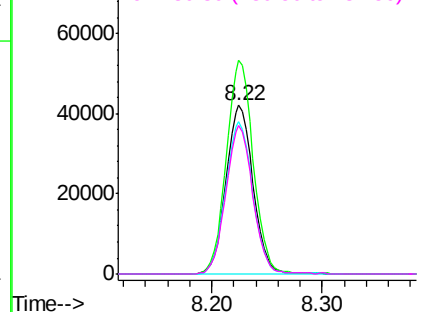
Abundance

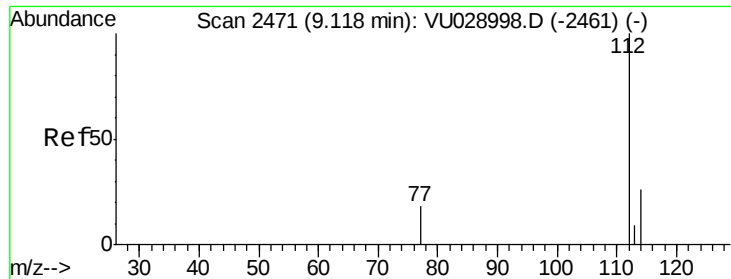
Ion 163.80 (163.50 to 164.50): V

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





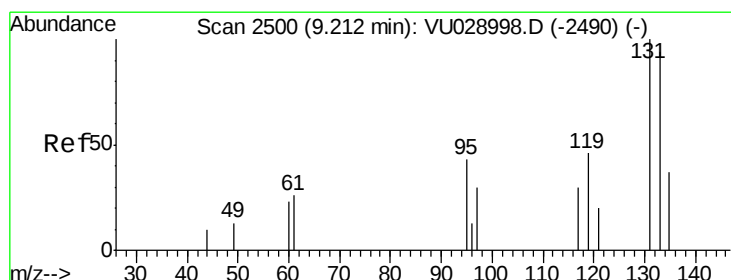
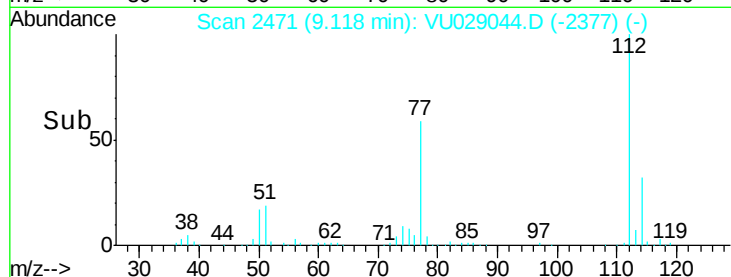
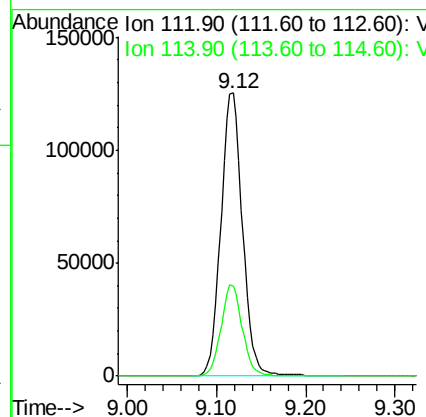
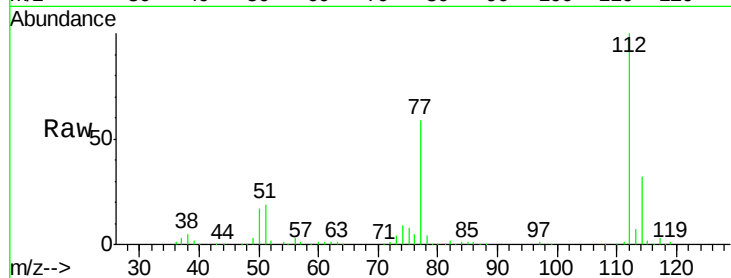
#65
Chlorobenzene
Concen: 48.661 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 210094
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6

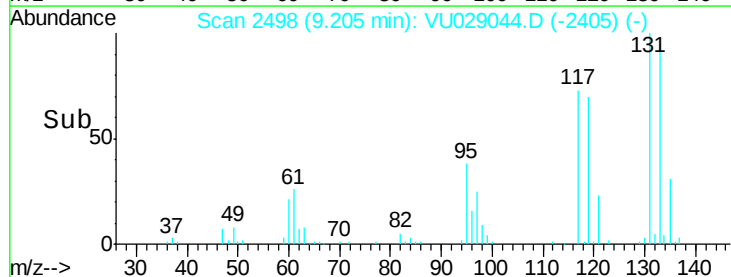
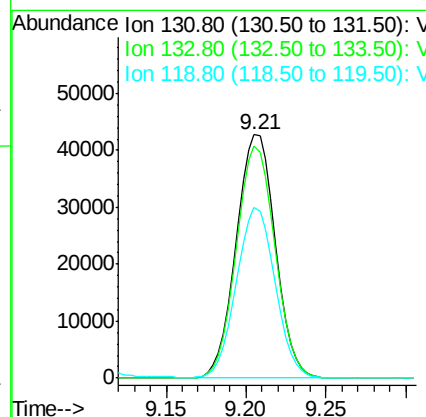
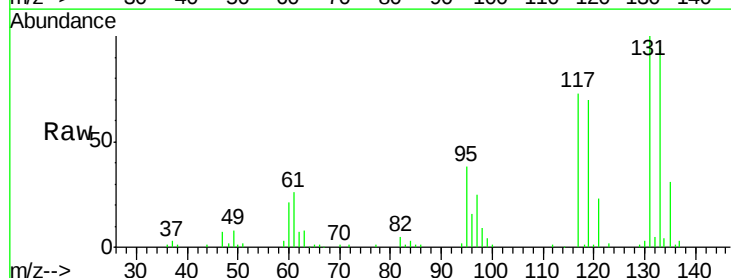
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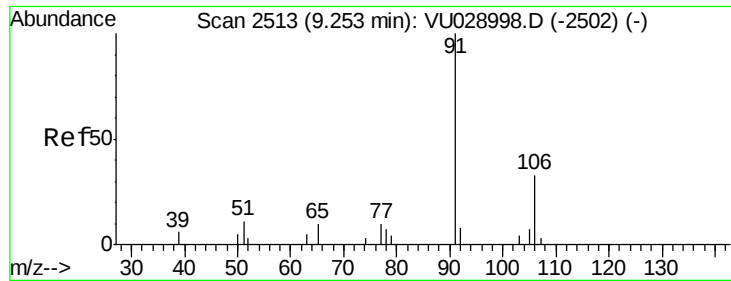
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.829 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion:131 Resp: 71218
Ion Ratio Lower Upper
131 100
133 94.4 48.2 144.6
119 69.4 35.4 106.3





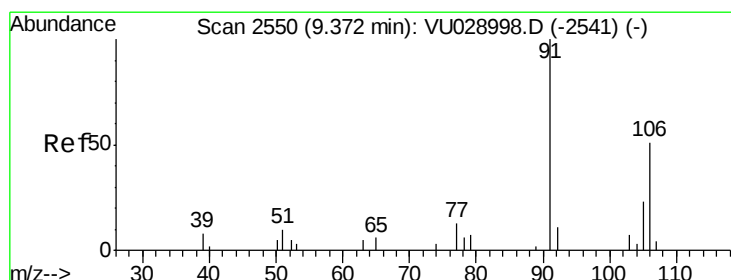
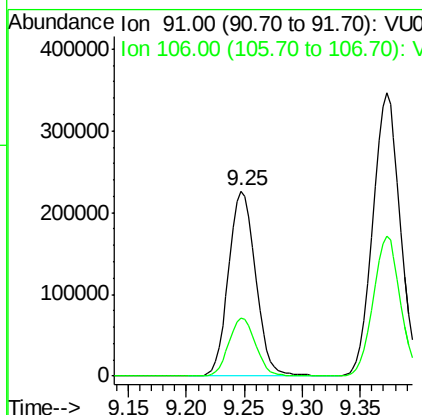
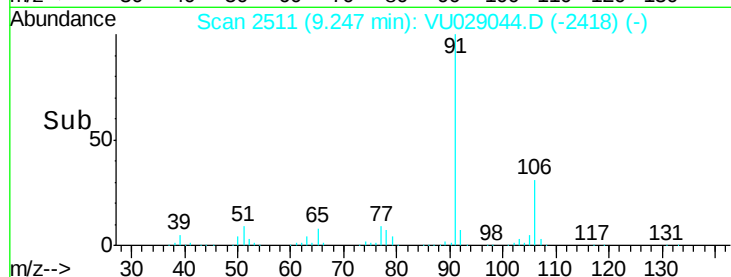
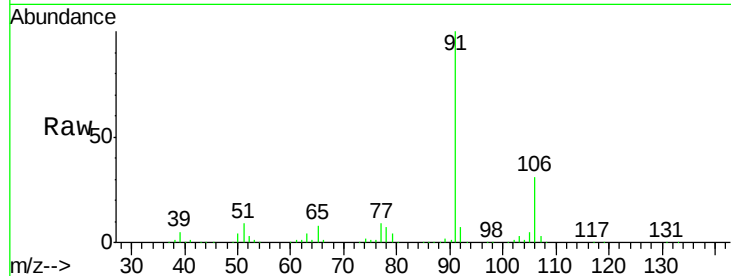
#67
Ethyl Benzene
Concen: 50.937 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 367169
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

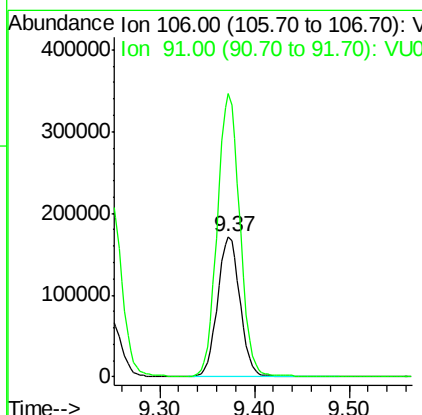
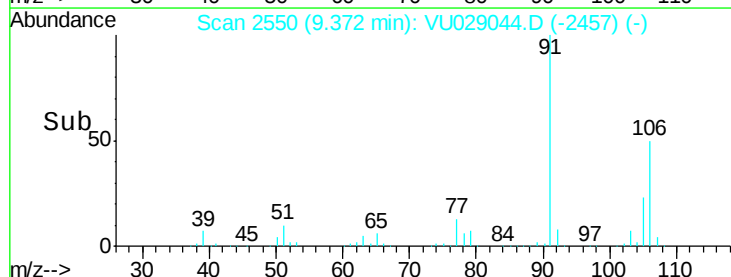
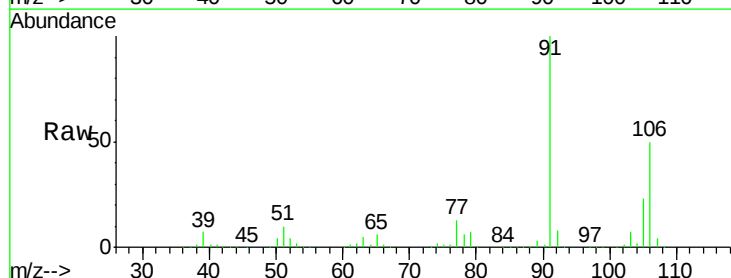
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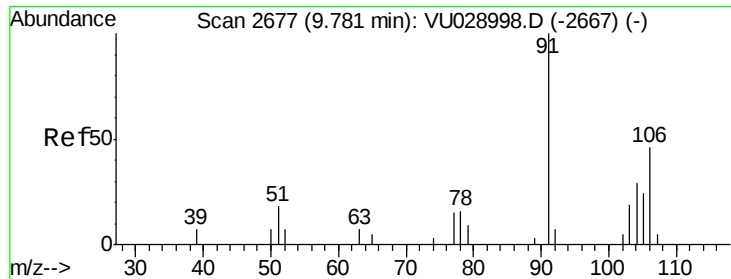
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#68
m/p-Xylenes
Concen: 101.356 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion: 106 Resp: 283874
Ion Ratio Lower Upper
106 100
91 202.7 161.7 242.5





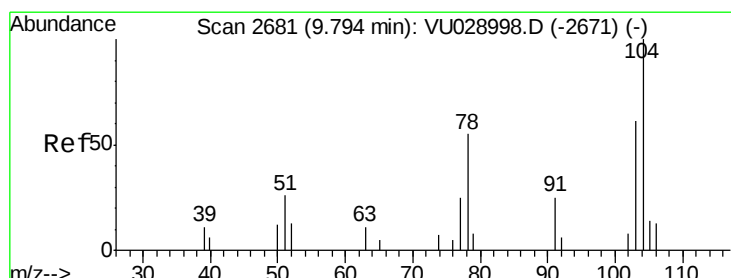
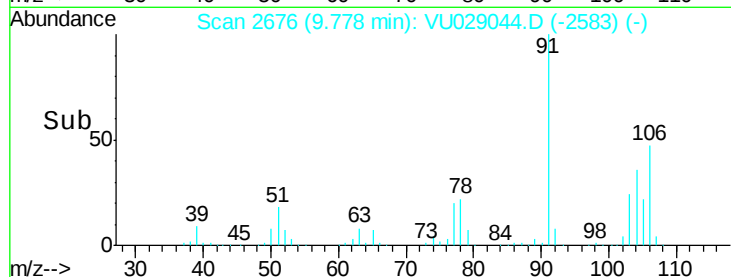
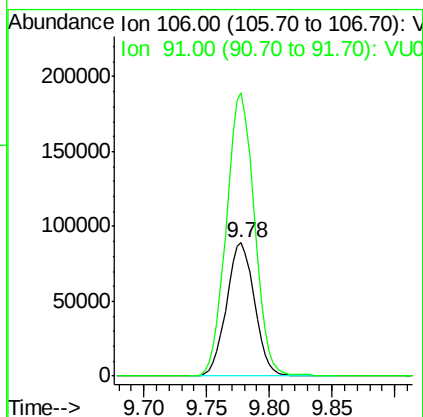
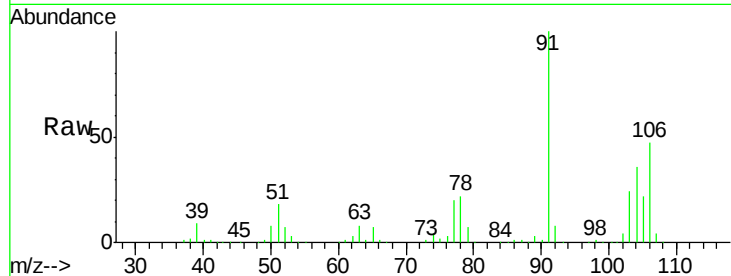
#69
o-Xylene
Concen: 51.454 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.5	106.1	318.3	

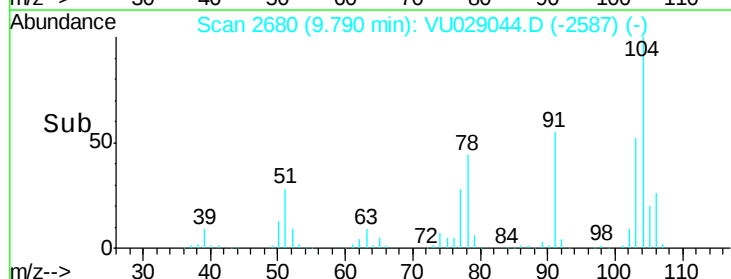
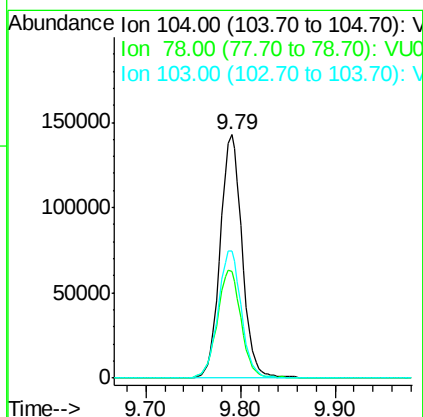
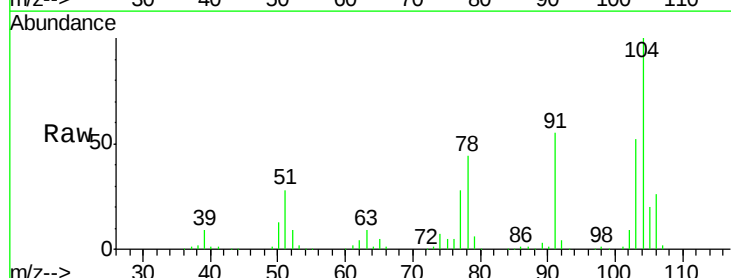
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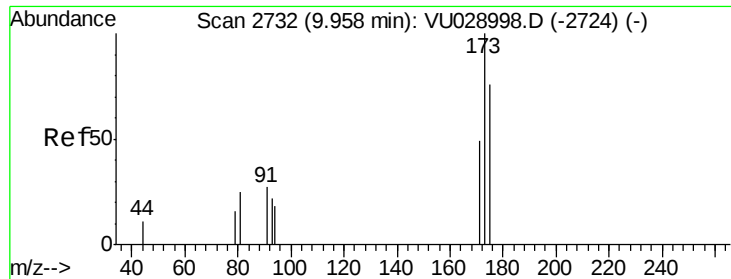
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#70
Styrene
Concen: 51.856 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.4	38.6	58.0	
103	55.7	44.5	66.7	





#71

Bromoform

Concen: 50.711 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

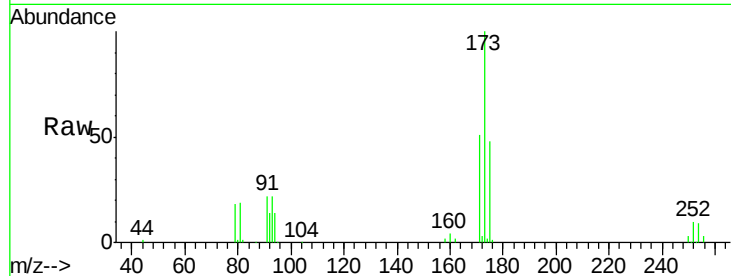
ClientSampleId :

VSTDCCC050EC

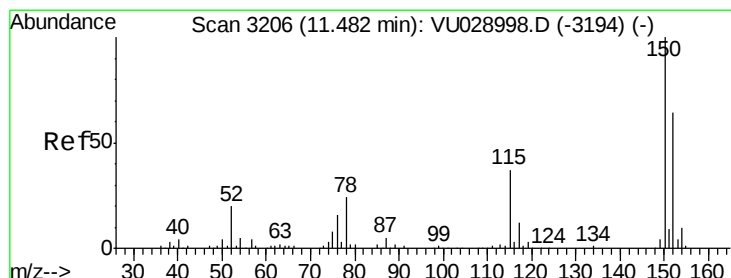
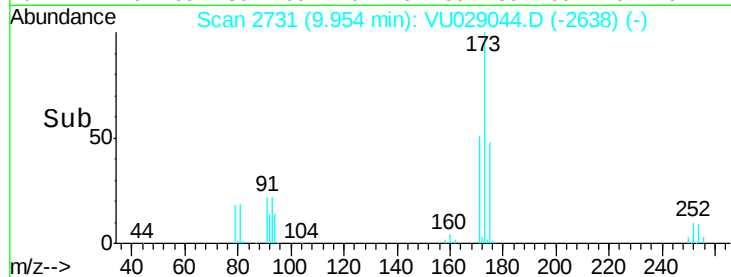
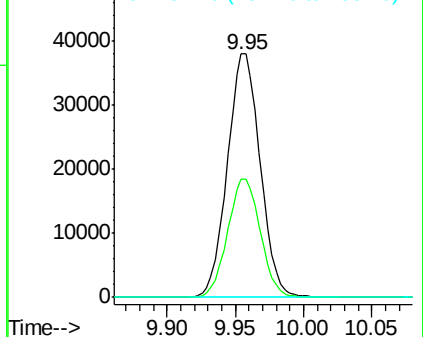
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.8	71.2
254	0.0	0.0	0.0

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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

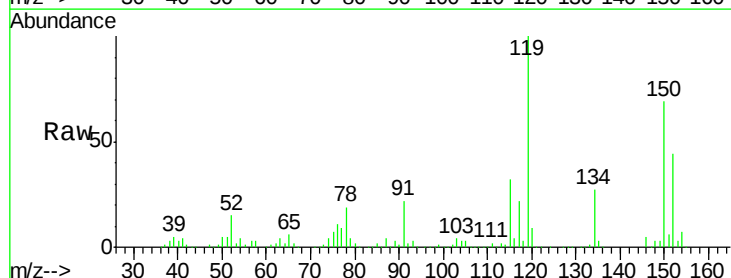
RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

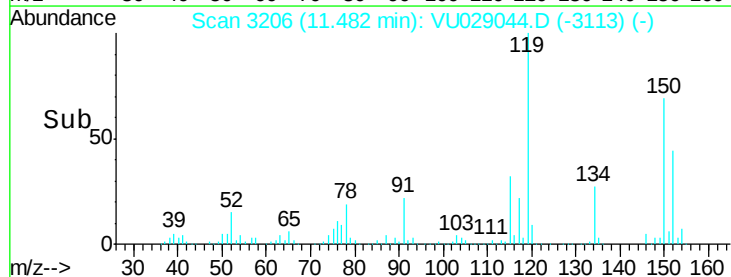
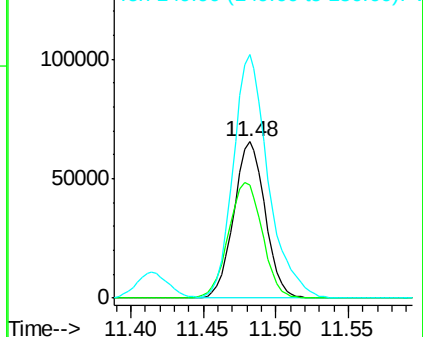
Lab File: VU029044.D

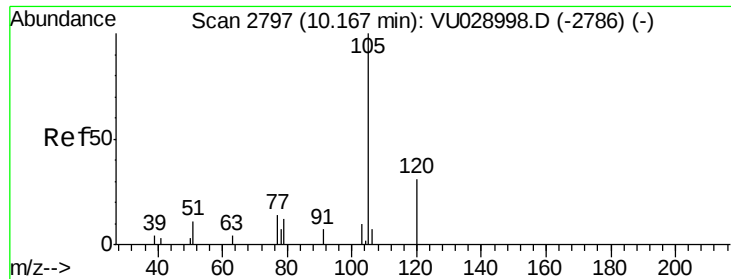
Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.8	40.1	120.3
150	173.9	0.0	345.2



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: 49.541 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 358802

Ion Ratio Lower Upper

105 100

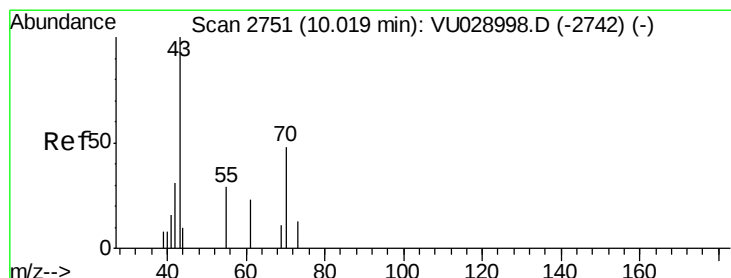
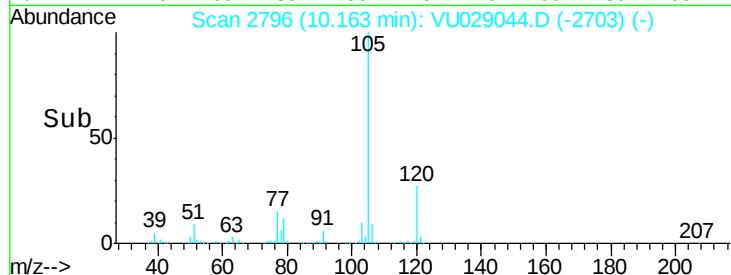
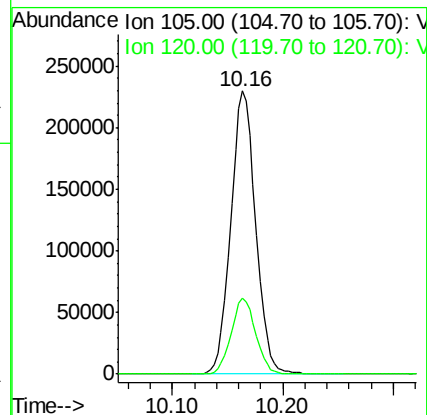
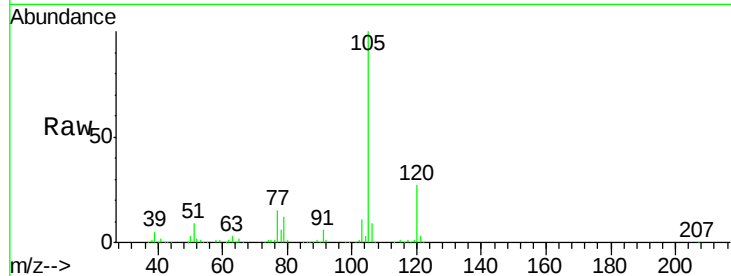
120 26.7 13.2 39.5

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#74

N-ethyl acetate

Concen: 51.902 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Tgt Ion: 43 Resp: 161979

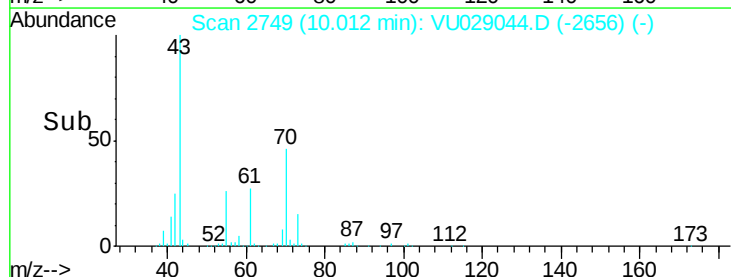
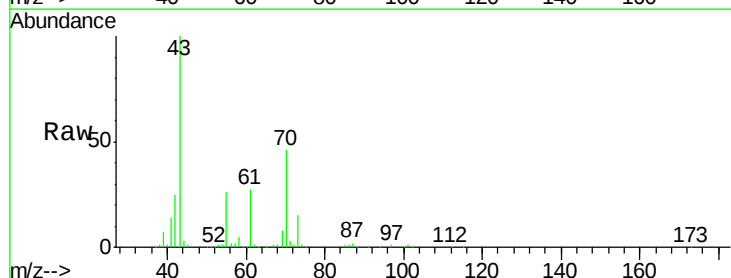
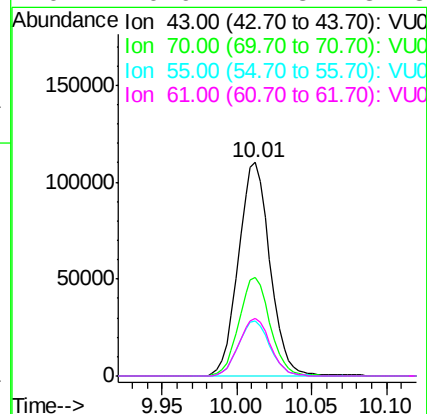
Ion Ratio Lower Upper

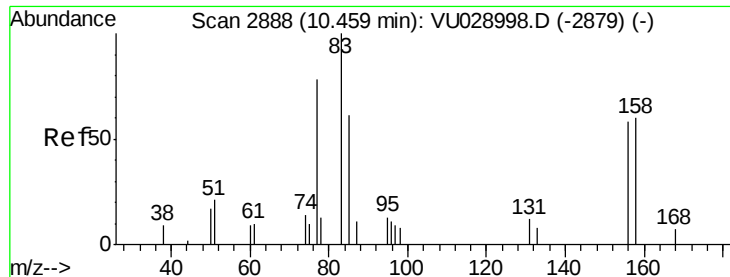
43 100

70 45.6 36.3 54.5

55 25.7 20.5 30.7

61 26.9 21.8 32.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.131 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

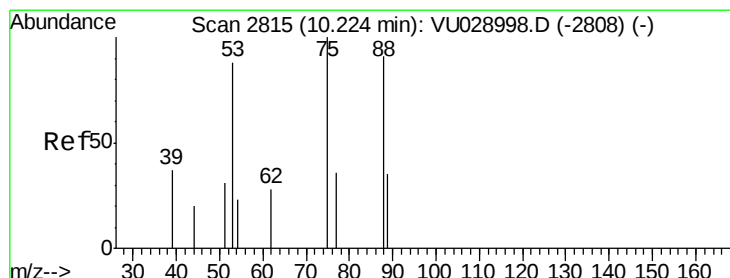
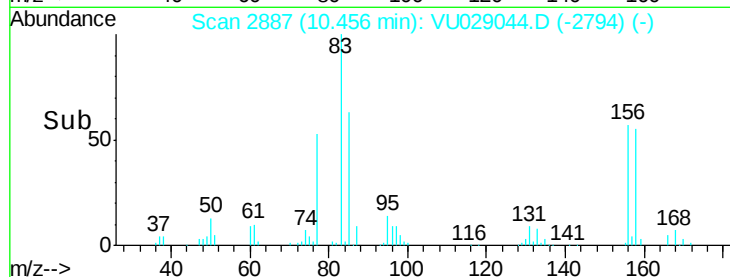
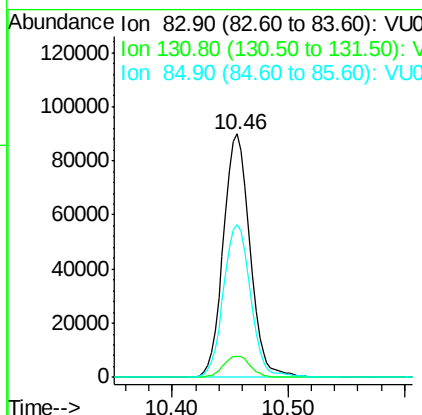
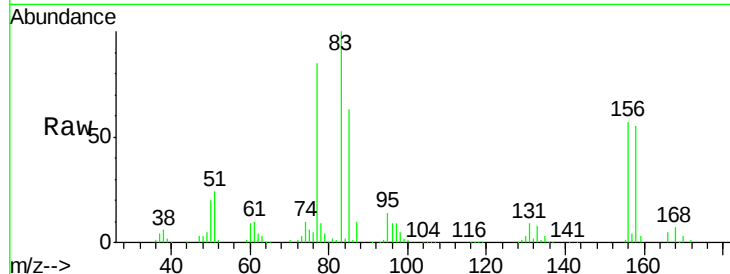
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	142611
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.7	14.1
85	64.2	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.008 ug/l m

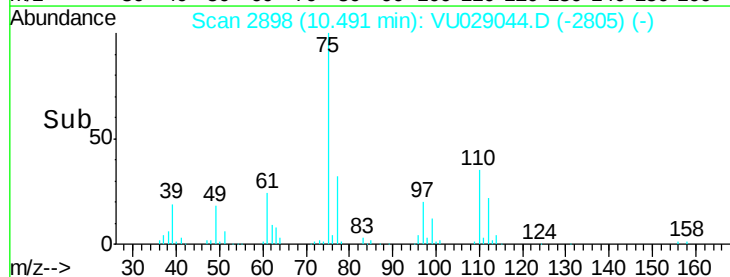
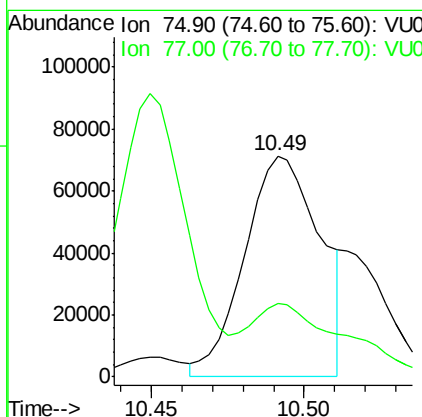
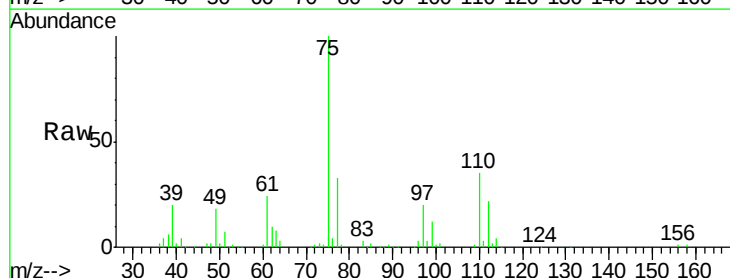
RT: 10.49 min Scan# 2898

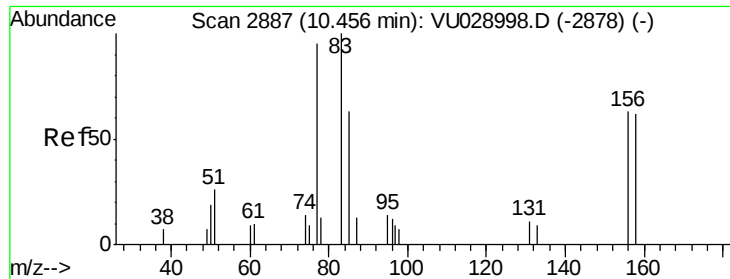
Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Tgt Ion:	75	Resp:	122288
Ion Ratio	Lower	Upper	
75	100		
77	40.6	20.9	62.8





#77

Bromobenzene

Concen: 49.134 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 92735

Ion Ratio Lower Upper

156 100

77 157.4 79.0 237.2

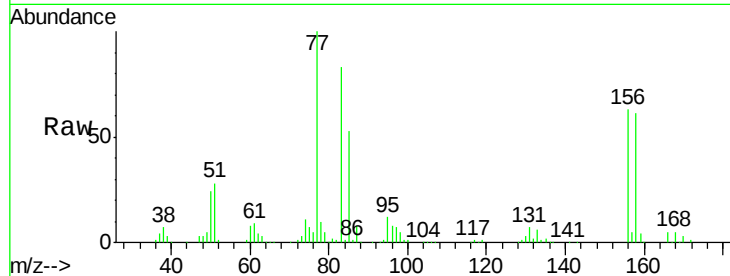
158 96.6 48.9 146.6

Manual Integrations

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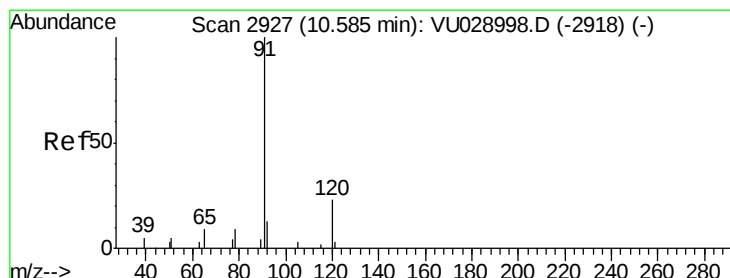
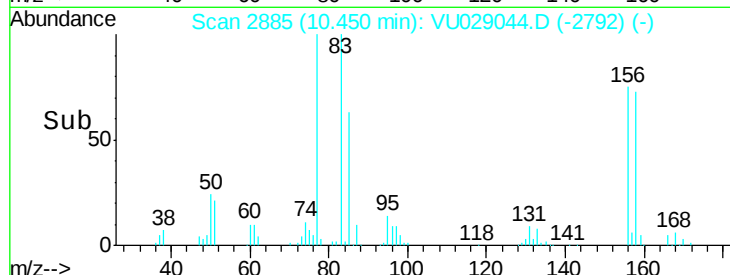
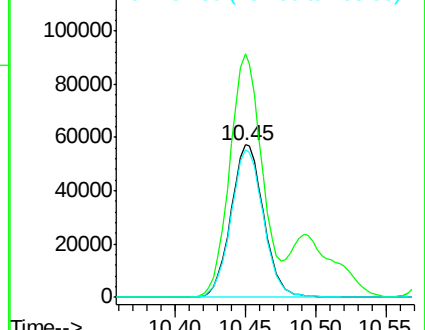
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.931 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029044.D

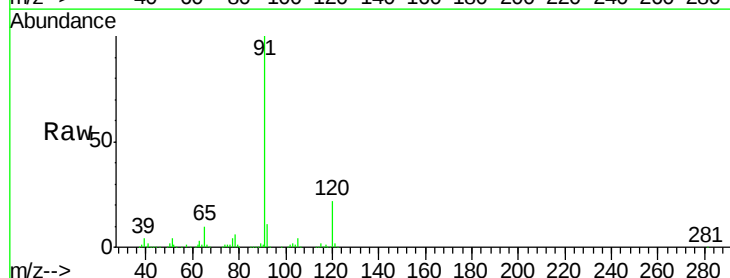
Acq: 04 Jan 2019 21:56

Tgt Ion: 91 Resp: 434703

Ion Ratio Lower Upper

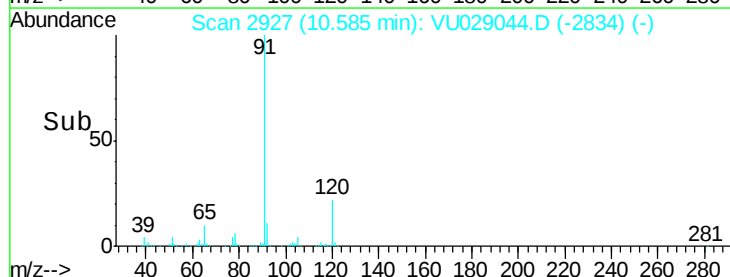
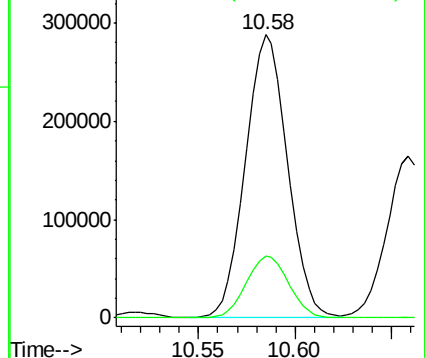
91 100

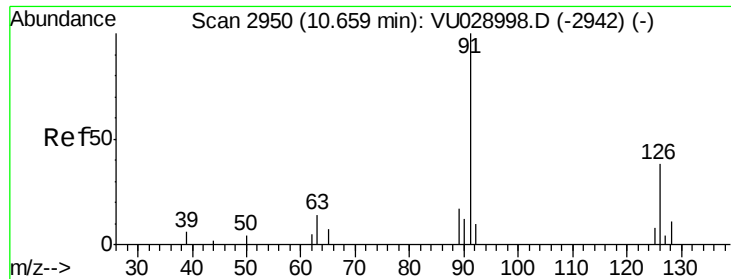
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





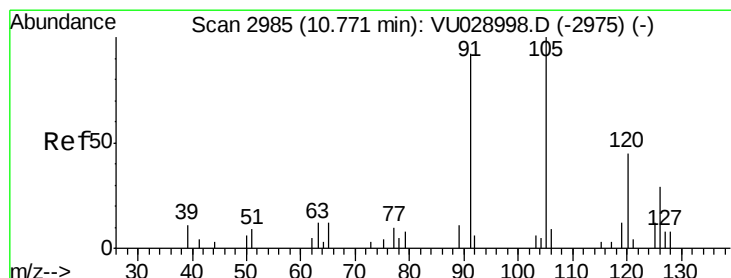
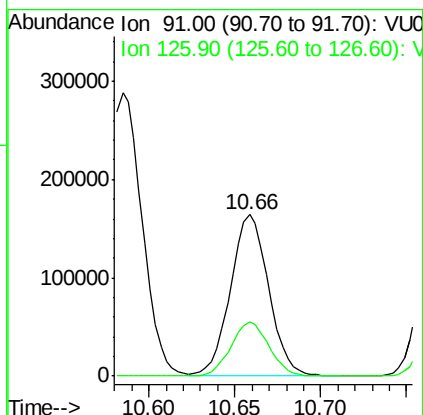
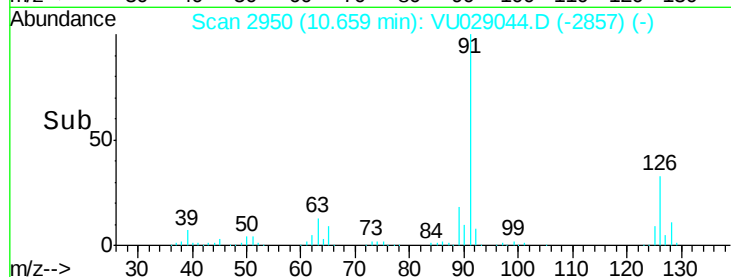
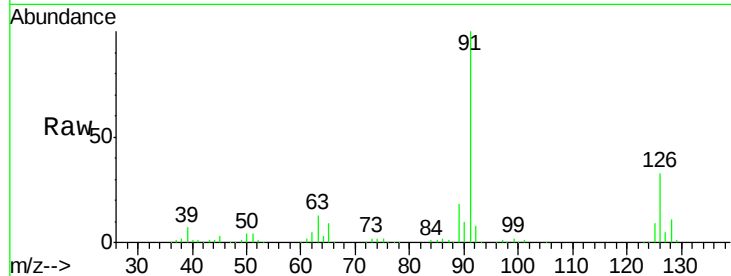
#79
 2-Chlorotoluene
 Concen: 48.822 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 252778
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.8 50.4

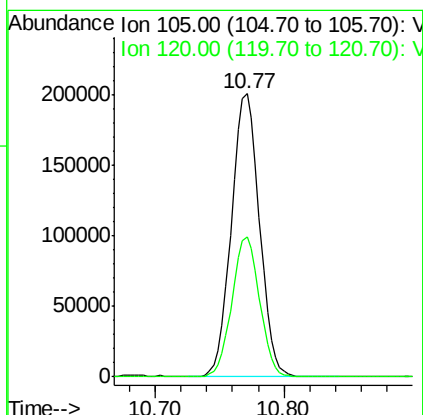
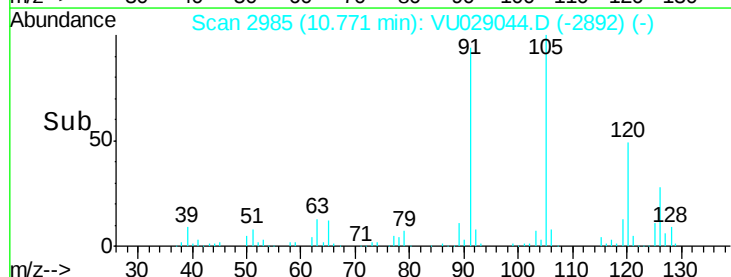
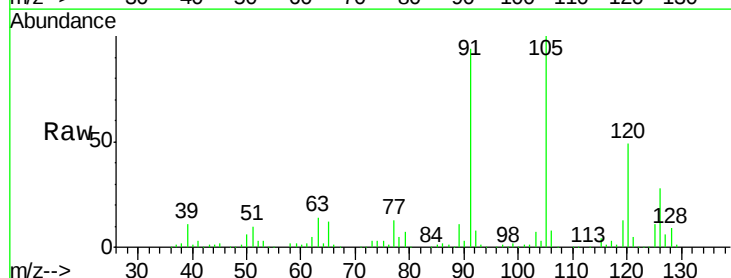
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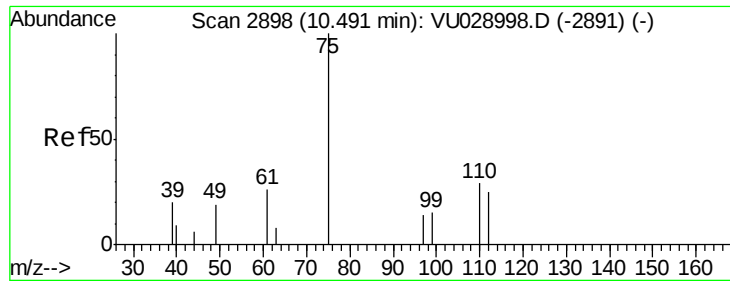
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.089 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion: 105 Resp: 302939
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.641 ug/l m

RT: 10.51 min Scan# 2904

Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Instrument :

MSVOA_U

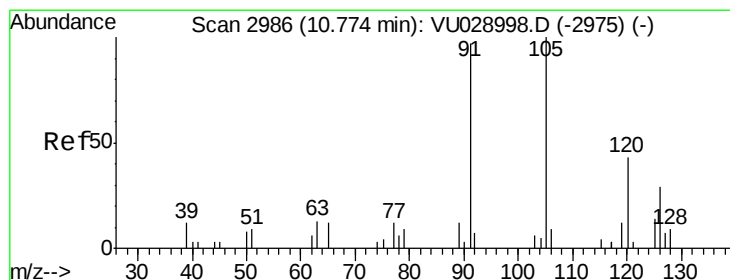
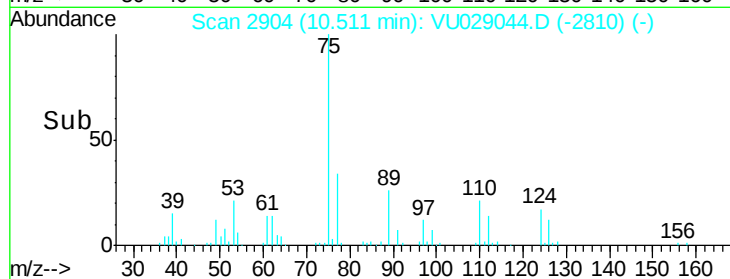
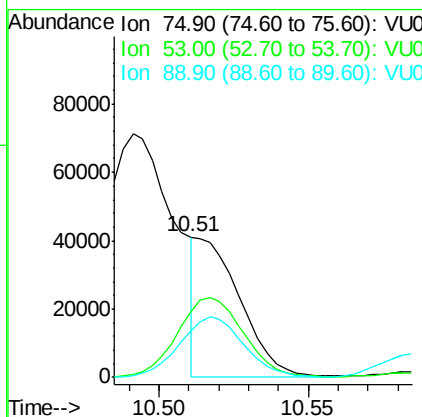
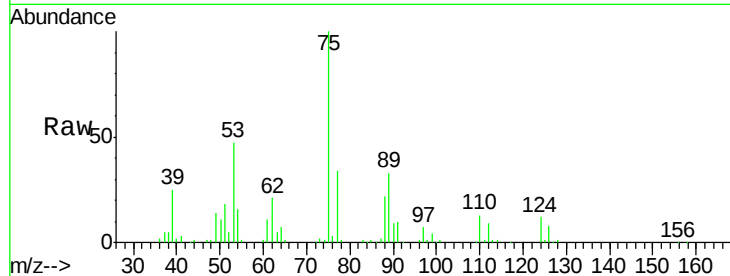
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	41497
Ion Ratio	Lower	Upper	
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

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#82

4-Chlorotoluene

Concen: 49.115 ug/l

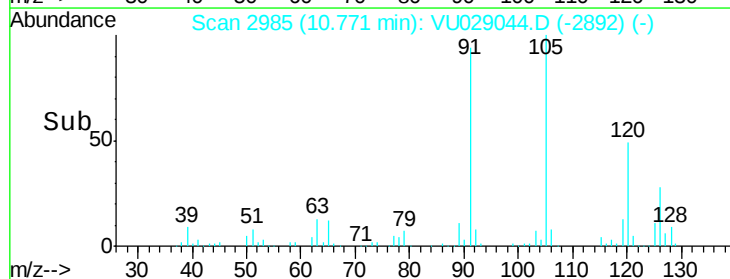
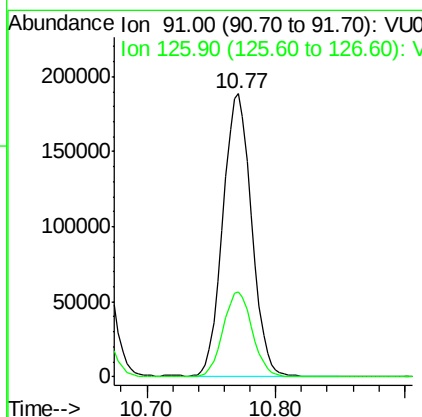
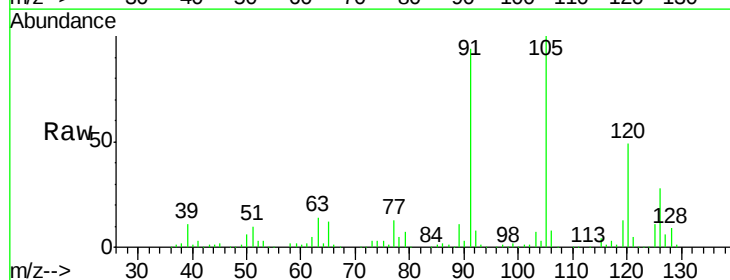
RT: 10.77 min Scan# 2985

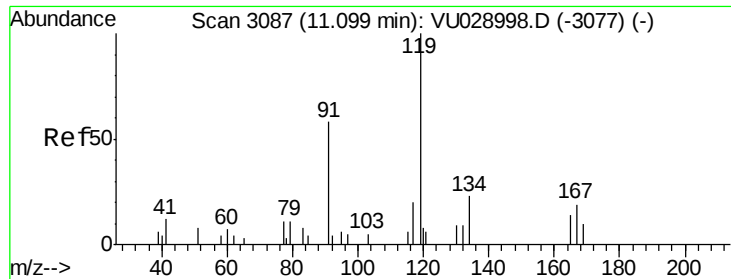
Delta R.T. 0.00 min

Lab File: VU029044.D

Acq: 04 Jan 2019 21:56

Tgt Ion:	91	Resp:	291591
Ion Ratio	Lower	Upper	
91	100		
126	30.4	15.5	46.5





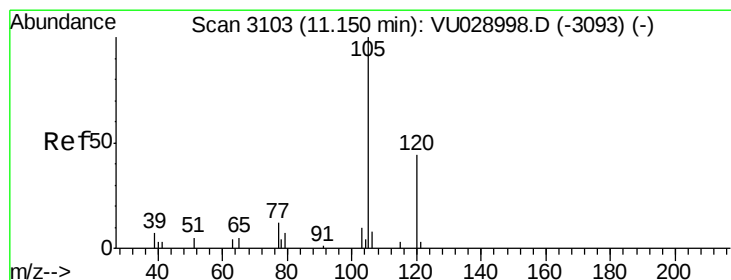
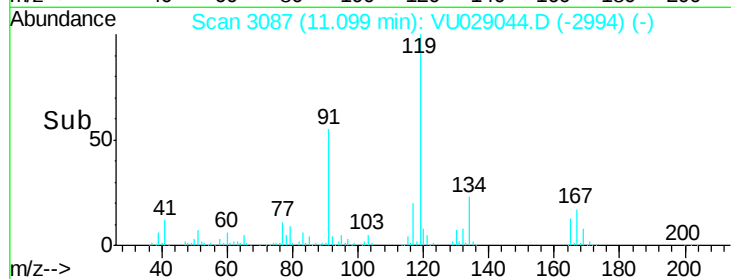
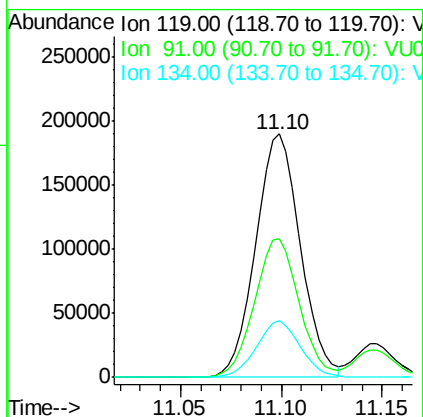
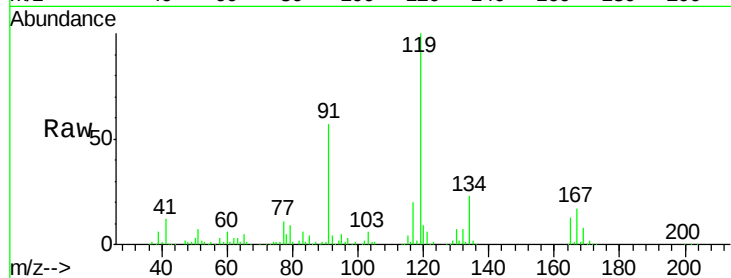
#83
tert-Butylbenzene
Concen: 49.206 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	293322		
91	57.0	28.2	84.6	
134	22.8	11.3	33.8	

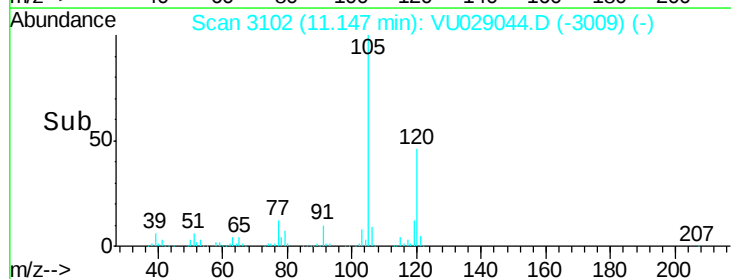
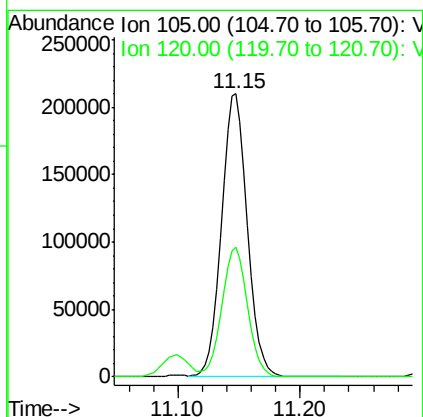
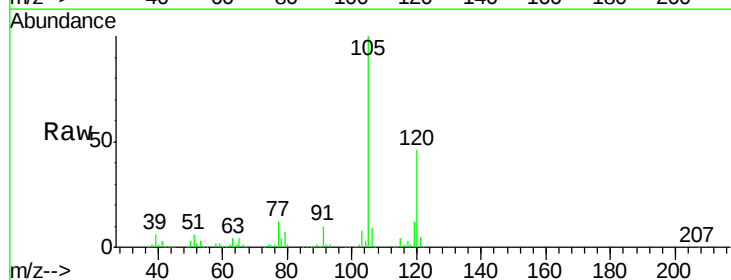
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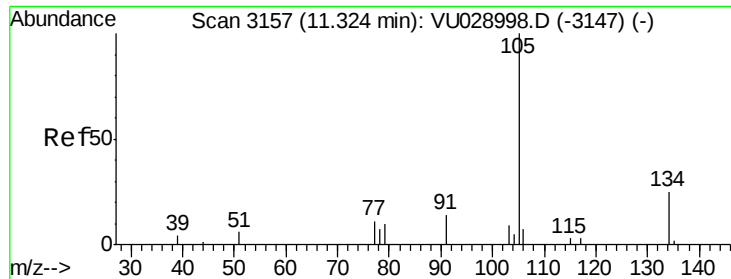
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#84
1,2,4-Trimethylbenzene
Concen: 51.585 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	311489		
120	45.8	23.1	69.3	





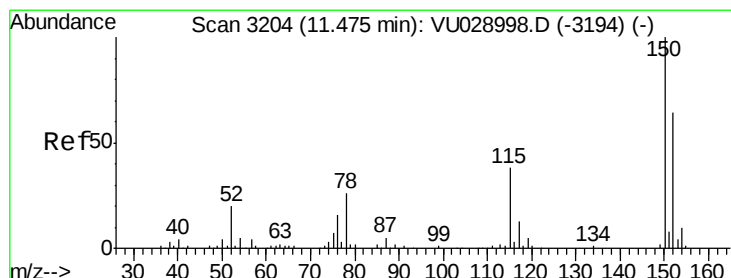
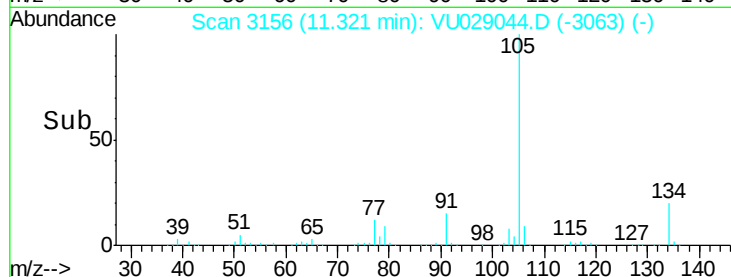
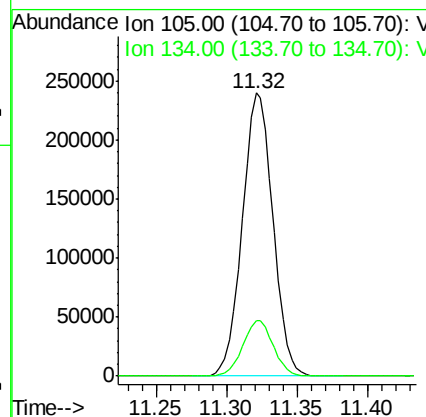
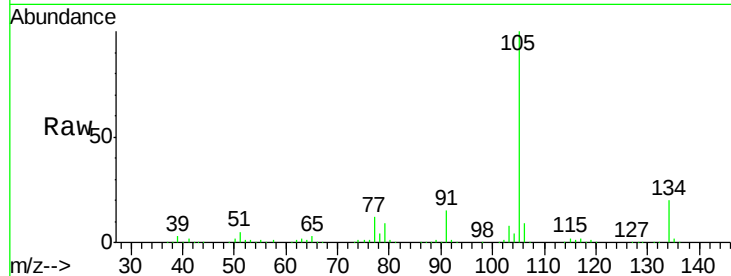
#85
 sec-Butylbenzene
 Concen: 50.666 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 365265
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

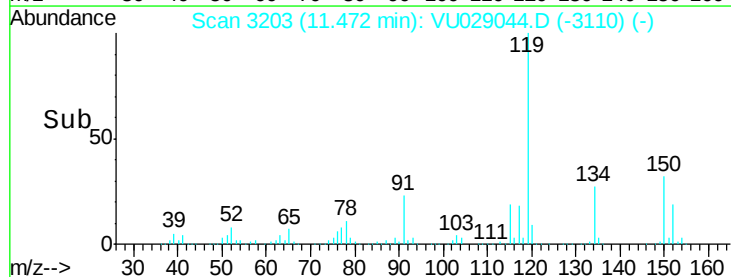
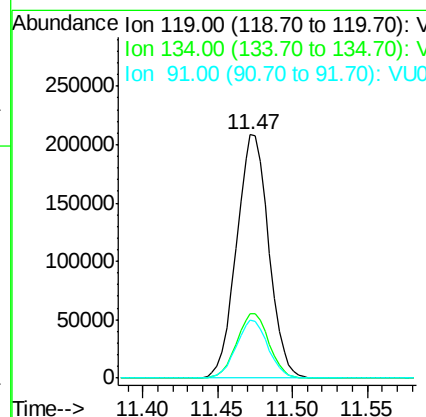
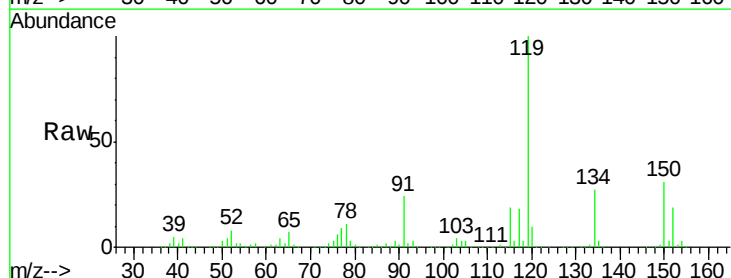
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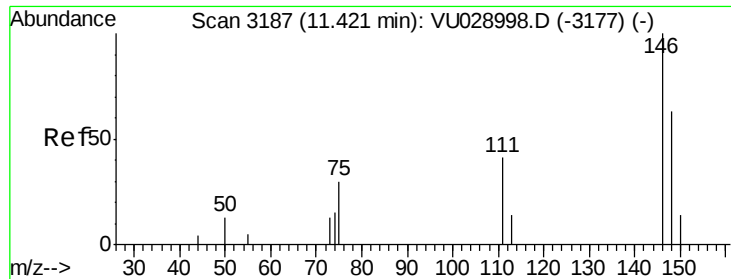
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#86
 p-Isopropyltoluene
 Concen: 50.661 ug/l
 RT: 11.47 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion:119 Resp: 311224
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 23.4 11.3 33.8





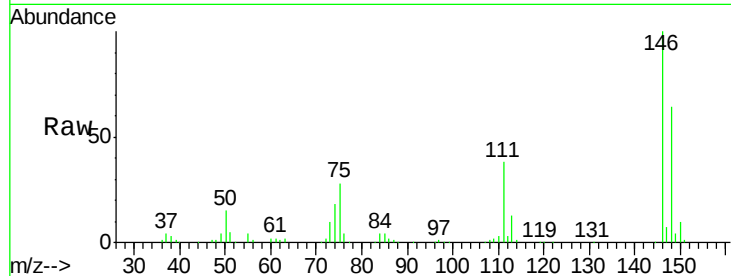
#87
 1,3-Dichlorobenzene
 Concen: 48.024 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

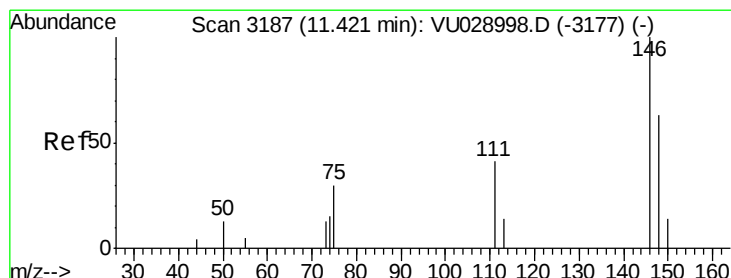
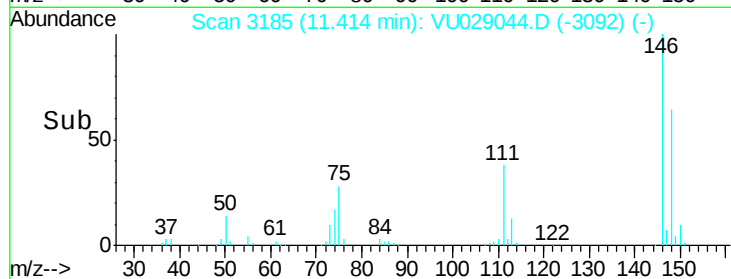
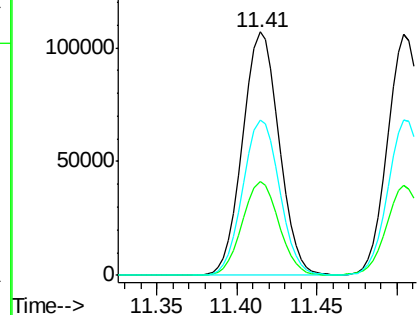
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.8
148	64.3	32.5	97.5

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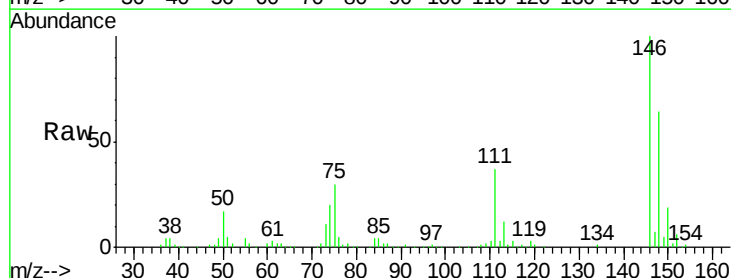


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

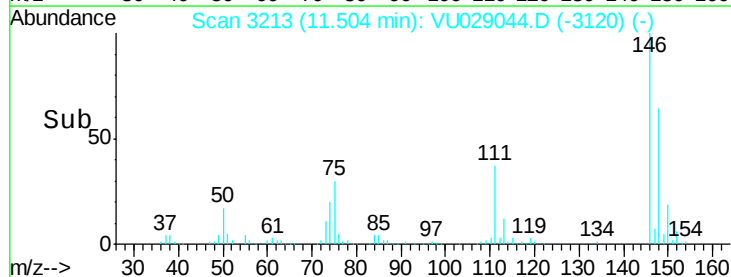
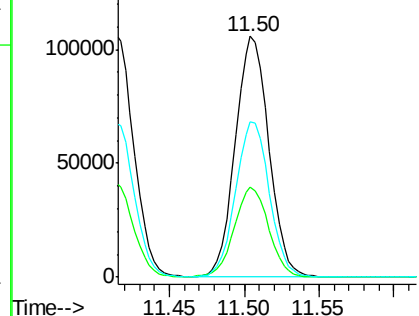


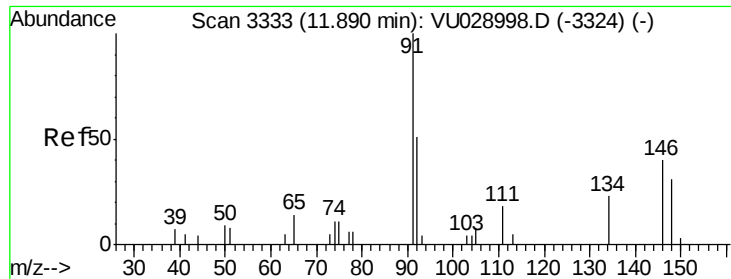
#88
 1,4-Dichlorobenzene
 Concen: 46.197 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.3
148	64.8	32.6	98.0



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





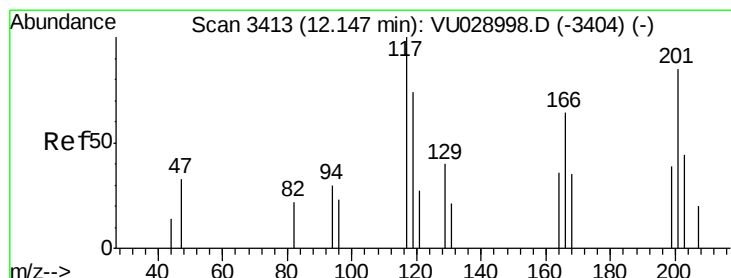
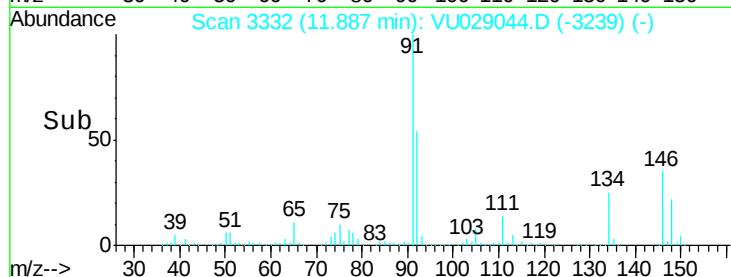
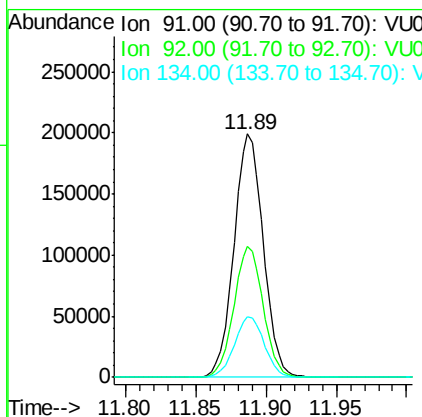
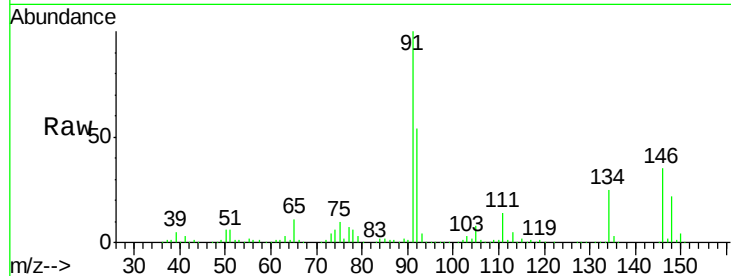
#89
n-Butylbenzene
Concen: 53.011 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.2	78.5
134	25.2	12.6	37.6

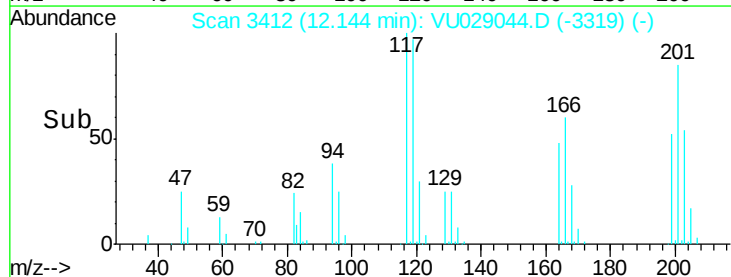
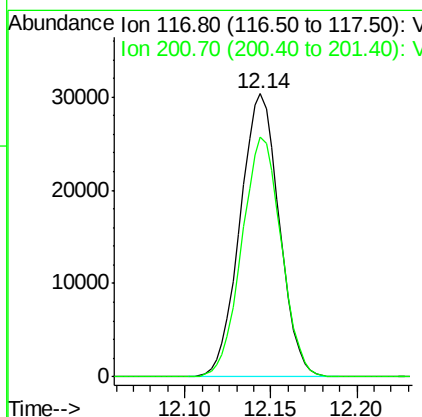
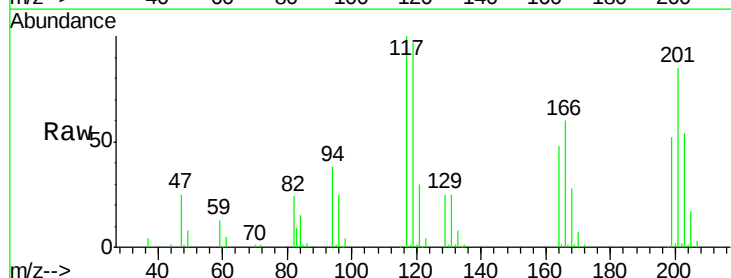
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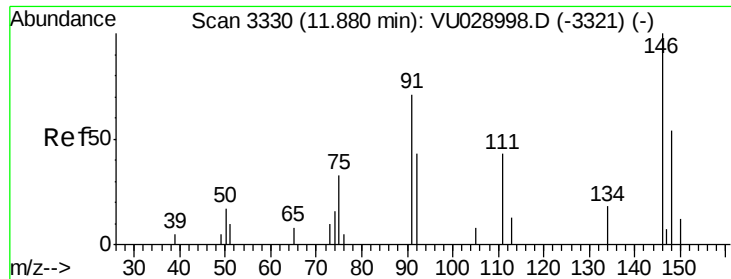
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#90
Hexachloroethane
Concen: 46.413 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	42.4	127.3





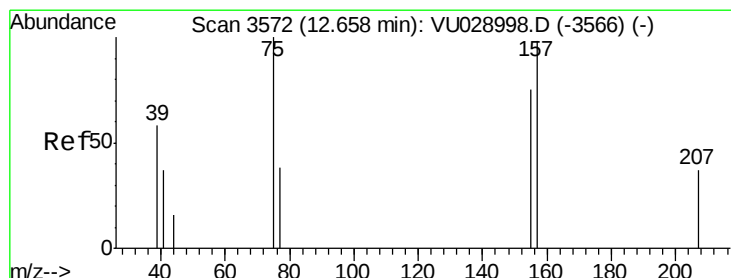
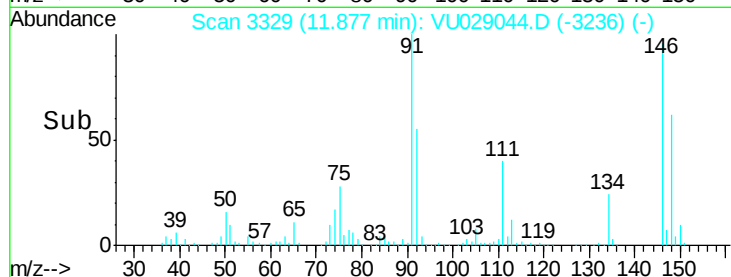
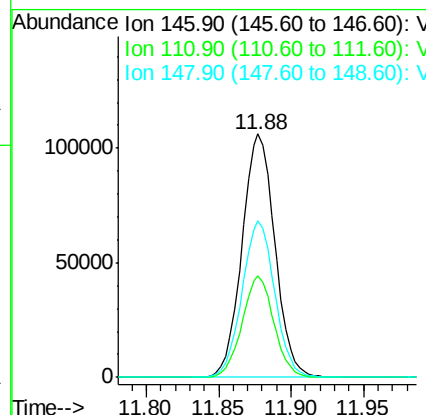
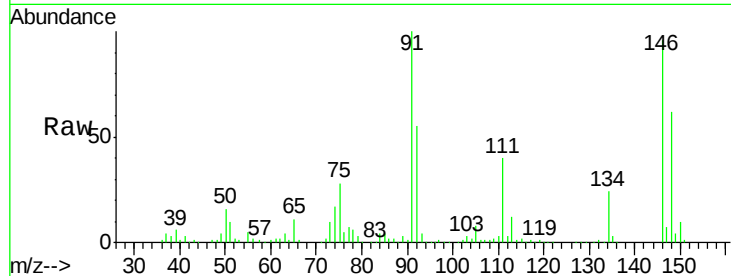
#91
 1,2-Dichlorobenzene
 Concen: 47.905 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	59.9
148	64.0	31.6	94.8

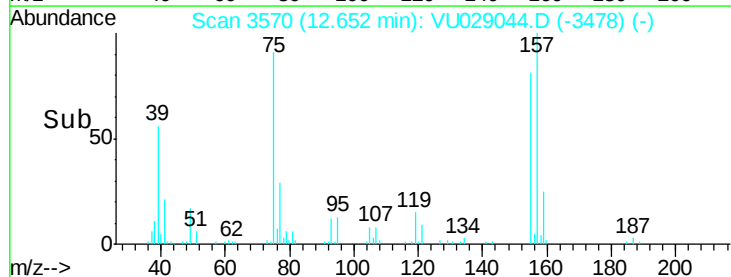
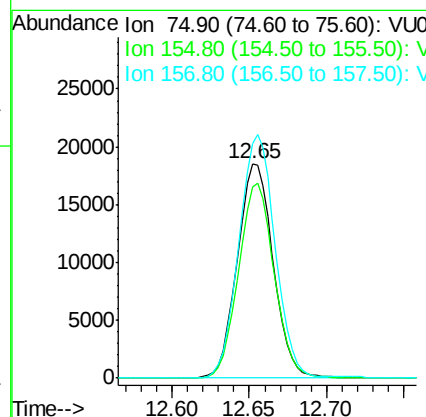
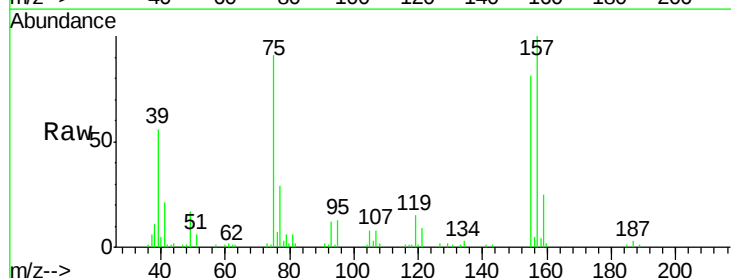
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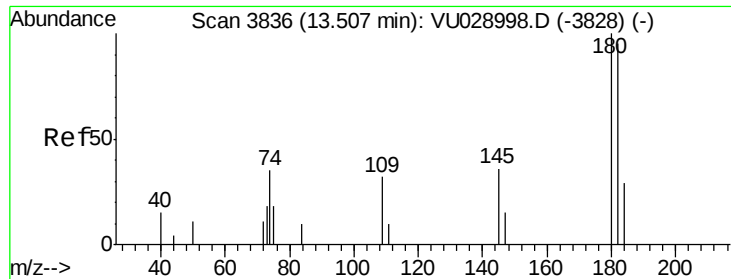
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.390 ug/l
 RT: 12.65 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	46.3	138.8
157	115.0	57.4	172.0





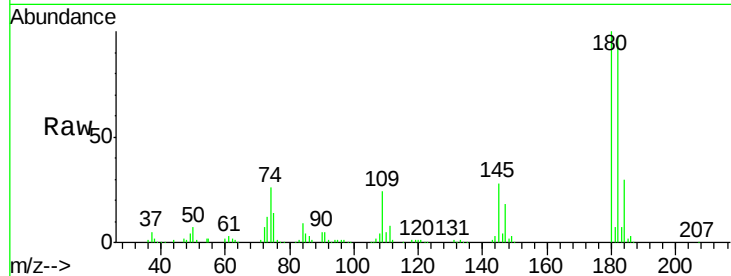
#93
 1,2,4-Trichlorobenzene
 Concen: 51.049 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

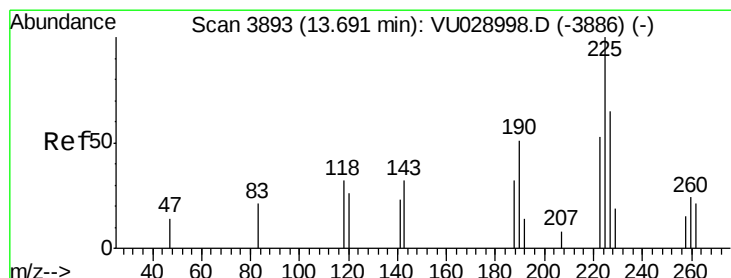
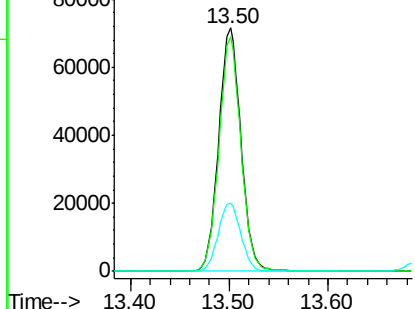
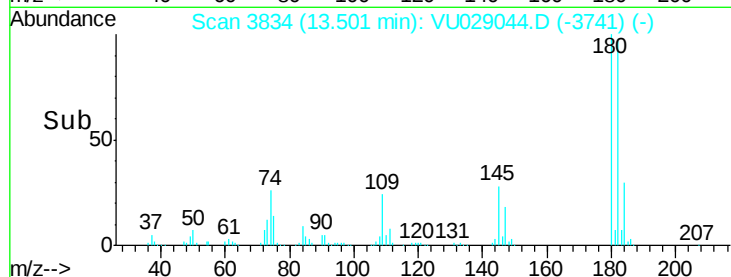
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.6
145	28.4	14.0	42.0

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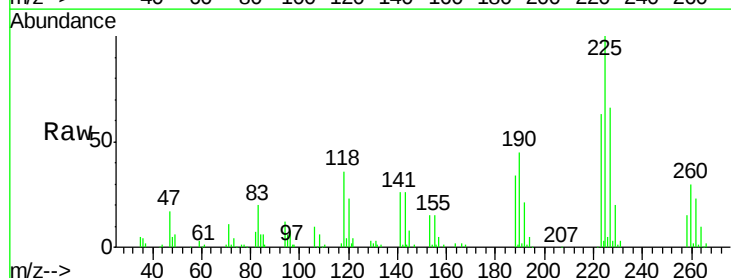


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

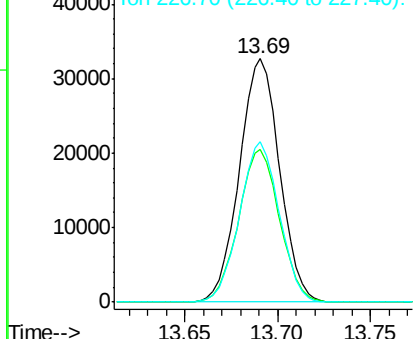
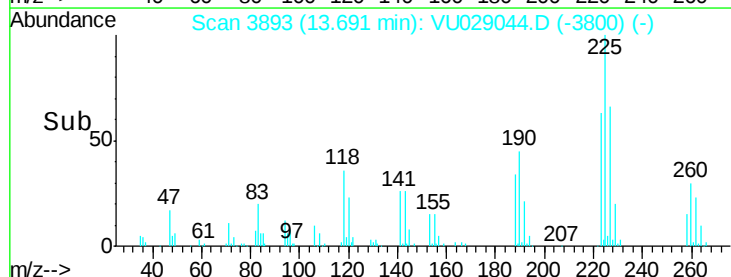


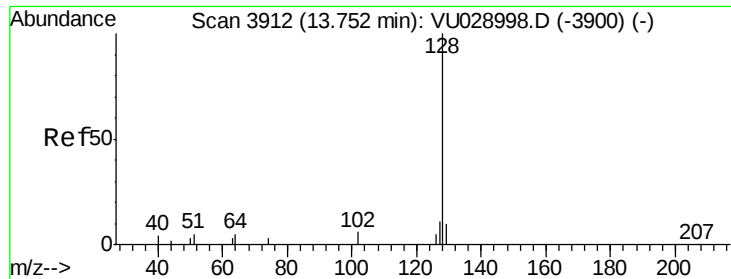
#94
 Hexachlorobutadiene
 Concen: 48.220 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU029044.D
 Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.0
227	65.0	31.9	95.5



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





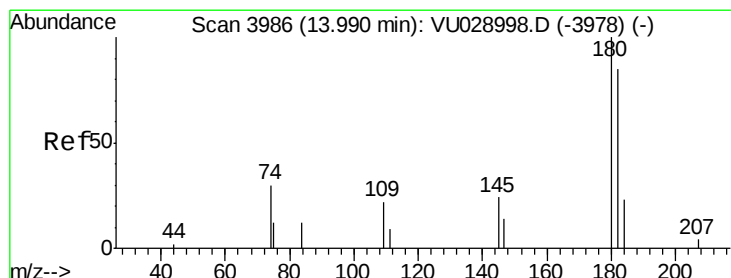
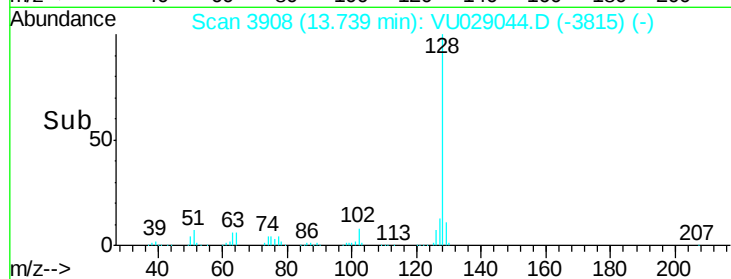
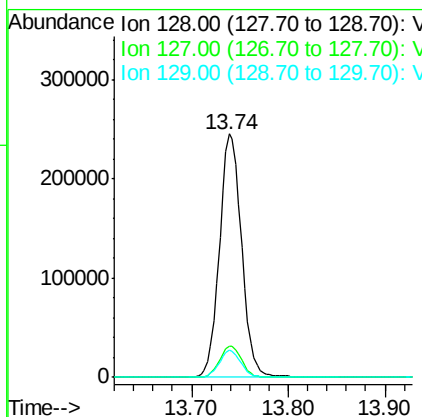
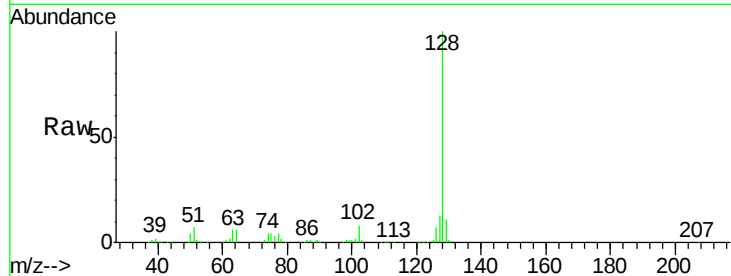
#95
Naphthalene
Concen: 51.608 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.5	12.7

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#96
1,2,3-Trichlorobenzene
Concen: 49.968 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029044.D
Acq: 04 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.1	144.3
145	30.1	14.8	44.4

