

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020619\
 Data File : VU029357.D
 Acq On : 06 Feb 2019 11:19
 Operator : JC/SP
 Sample : MDL03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

sam
 2/8/2019 2:27:21 PM

Quant Time: Feb 08 12:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	51573	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	18786	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	20863	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	5078	0.264	ug/l	98
3) Chloromethane	1.33	50	4879	0.277	ug/l	89
4) Vinyl Chloride	1.40	62	5111	0.248	ug/l	95
5) Bromomethane	1.63	94	3890	0.339	ug/l	87
6) Chloroethane	1.70	64	3355	0.279	ug/l	93
7) Trichlorofluoromethane	1.88	101	7225	0.251	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	3881	0.255	ug/l	89
9) 1,1-Dichloroethene	2.28	96	4123	0.277	ug/l	67
10) Iodomethane	2.41	142	3863	0.468	ug/l #	83
11) Allyl Chloride	2.59	41	6144	0.246	ug/l	90
12) Acrylonitrile	2.95	53	1549m	0.465	ug/l	
13) Acetone	2.32	43	5142m	1.600	ug/l	
14) Carbon Disulfide	2.48	76	13792	0.263	ug/l	100
15) Methylene Chloride	2.70	84	7112	0.394	ug/l #	73
16) trans-1,2-Dichloroethene	2.98	96	5224	0.314	ug/l #	77
17) 1,1-Dichloroethane	3.44	63	6260	0.237	ug/l #	88
18) 2-Butanone	4.28	43	3679	1.024	ug/l	93
19) Cyclohexane	4.98	56	6729m	0.275	ug/l	
20) Methylcyclohexane	6.41	83	6179	0.241	ug/l #	85
21) 2,2-Dichloropropane	4.22	77	7042	0.289	ug/l	96
22) cis-1,2-Dichloroethene	4.22	96	4487	0.286	ug/l	75
23) Diethyl Ether	2.10	59	3428	0.287	ug/l	90
24) tert-Butyl Alcohol	2.83	59	4660	3.753	ug/l #	80
25) Methyl tert-Butyl Ether	3.00	73	9820	0.234	ug/l #	61
26) Bromochloromethane	4.55	128	1841	0.266	ug/l	68
27) Chloroform	4.67	83	6178	0.241	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	5664	0.238	ug/l	94
29) 1,1-Dichloropropene	5.13	75	5198	0.252	ug/l #	85
30) Carbon Tetrachloride	5.13	117	5238	0.243	ug/l	96
31) Isopropyl Ether	3.58	45	10179	0.256	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	9536	0.239	ug/l #	85
33) Tert-Amyl methyl ether	5.58	73	8875	0.246	ug/l #	93
35) Benzene	5.39	78	13322	0.234	ug/l	96
36) 1,2-Dichloroethane	5.41	62	3614	0.209	ug/l #	95
37) Trichloroethene	6.18	130	4084	0.249	ug/l	94
38) 1,2-Dichloropropane	6.43	63	3499	0.236	ug/l	94
41) Tetrahydrofuran	4.66	42	1363	0.560	ug/l #	82
42) 1-Chlorobutane	5.06	56	5630	0.204	ug/l	94
43) Dibromomethane	6.56	93	1849	0.234	ug/l #	82
44) Bromodichloromethane	6.76	83	4586	0.228	ug/l	95
45) 4-Methyl-2-Pentanone	7.47	43	9776	1.054	ug/l #	85

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Manual Integrations
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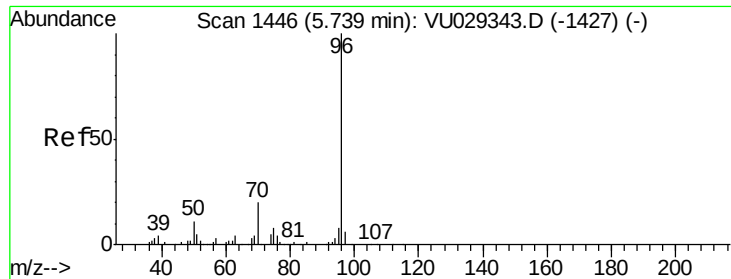
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Quant Time: Feb 08 12:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) t-1,4-Dichloro-2-butene	10.52	75	2098m	0.464	ug/l	
47) Methyl methacrylate	6.63	69	2806	0.403	ug/l	85
48) Ethyl methacrylate	8.03	69	2879	0.193	ug/l	84
49) Toluene	7.64	92	8498	0.233	ug/l	96
50) t-1,3-Dichloropropene	7.89	75	4276	0.216	ug/l #	88
51) cis-1,3-Dichloropropene	7.27	75	5353	0.228	ug/l #	89
52) 1,1,2-Trichloroethane	8.07	97	2766	0.264	ug/l	92
53) 1,3-Dichloropropane	8.24	76	4108	0.223	ug/l	95
54) 2-Hexanone	8.38	43	7239	1.114	ug/l	87
55) Dibromochloromethane	8.48	129	3418	0.230	ug/l	96
56) 1,2-Dibromoethane	8.59	107	2643	0.246	ug/l	100
58) Tetrachloroethene	8.22	164	3999	0.263	ug/l	90
59) Chlorobenzene	9.12	112	9517	0.231	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	3577	0.235	ug/l	95
61) Pentachloroethane	11.10	117	2821	0.240	ug/l	96
62) Hexachloroethane	12.14	117	2768	0.215	ug/l	89
63) Ethyl Benzene	9.25	91	17394	0.244	ug/l #	88
64) m/p-Xylenes	9.38	106	12911	0.465	ug/l	93
65) o-Xylene	9.78	106	6313	0.232	ug/l	91
66) Styrene	9.79	104	10715	0.236	ug/l	94
67) Bromoform	9.96	173	2250	0.243	ug/l #	92
69) Isopropylbenzene	10.17	105	16465	0.226	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.46	83	2961	0.221	ug/l #	77
71) 1,2,3-Trichloropropane	10.49	75	2037m	0.221	ug/l	
72) Bromobenzene	10.46	156	4399	0.249	ug/l	83
73) n-propylbenzene	10.59	120	5145	0.254	ug/l	71
74) 2-Chlorotoluene	10.67	126	4279	0.248	ug/l	74
75) 1,3,5-Trimethylbenzene	10.77	105	14403	0.230	ug/l	96
76) 4-Chlorotoluene	10.77	126	4347	0.243	ug/l	69
77) tert-Butylbenzene	11.10	119	14542	0.234	ug/l	95
78) 1,2,4-Trimethylbenzene	11.15	105	14844	0.234	ug/l	97
79) sec-Butylbenzene	11.32	105	19099	0.235	ug/l	96
81) p-Isopropyltoluene	11.48	119	15897	0.231	ug/l	97
82) 1,3-Dichlorobenzene	11.42	146	8379	0.242	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	7876	0.228	ug/l	91
84) n-Butylbenzene	11.89	91	14323	0.227	ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	7823	0.239	ug/l	94
86) 1,2-Dibromo-3-Chloropropan	12.67	75	606	0.242	ug/l #	79
87) 1,2,4-Trichlorobenzene	13.51	180	4850	0.211	ug/l	97
88) Hexachlorobutadiene	13.69	225	3398	0.255	ug/l	97
89) Naphthalene	13.75	128	7197	0.185	ug/l #	95
90) 1,2,3-Trichlorobenzene	13.99	180	5519	0.263	ug/l #	95

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029357.D

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Instrument :

MSVOA_U

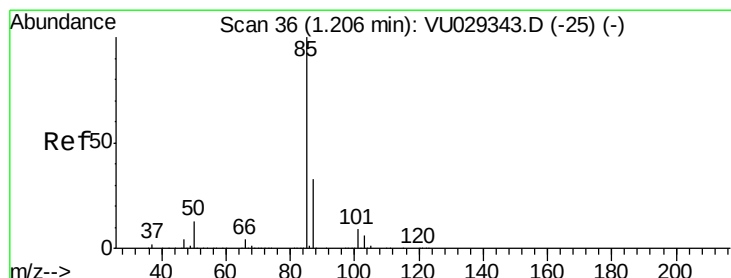
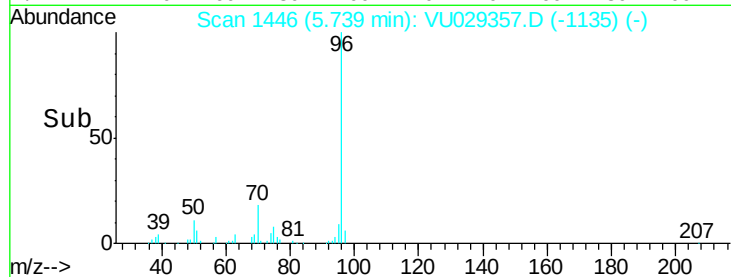
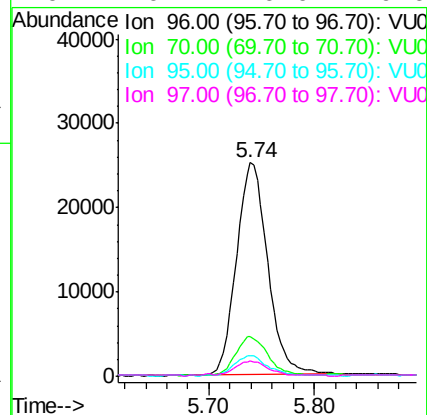
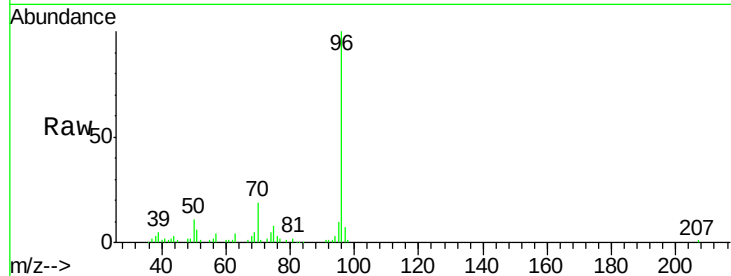
ClientSampleId :

MDL03

Tot Ion:	96	Resp:	51573
Ion	Ratio	Lower	Upper
96	100		
70	18.2	16.2	24.2
95	9.9	7.4	11.2
97	6.1	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 0.264 ug/l

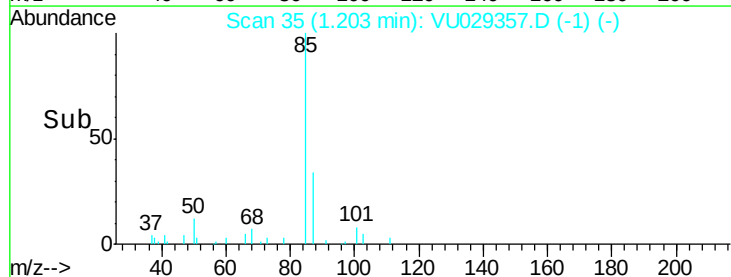
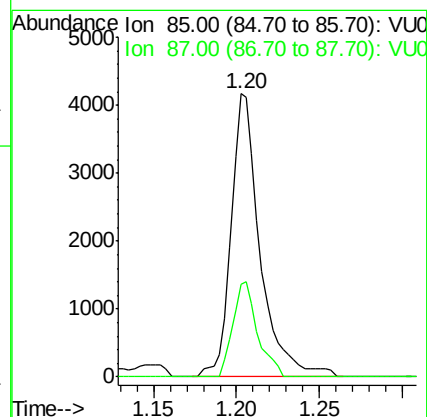
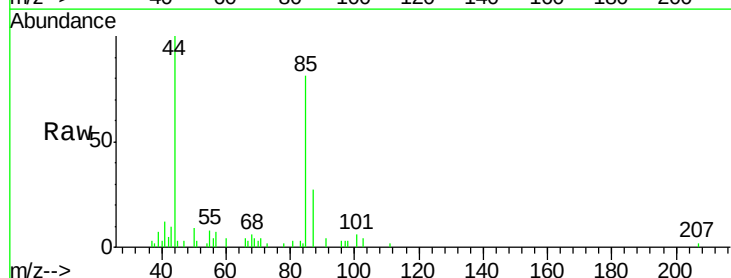
RT: 1.20 min Scan# 35

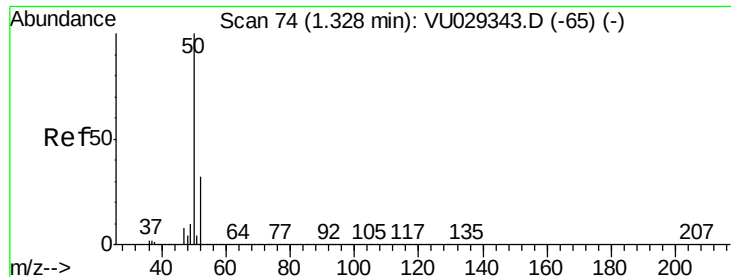
Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Tgt Ion:	85	Resp:	5078
Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.9	47.6





#3

Chloromethane

Concen: 0.277 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tot Ion: 50 Resp: 4879

Ion Ratio Lower Upper

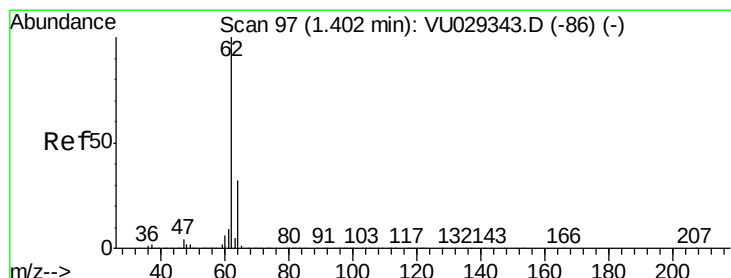
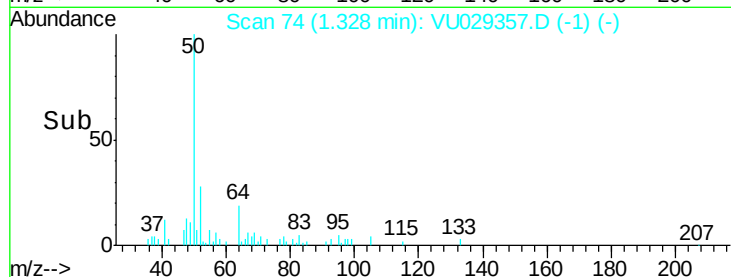
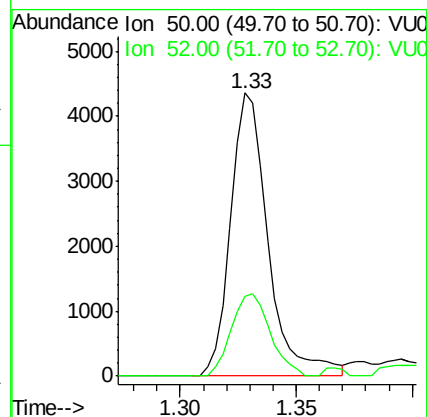
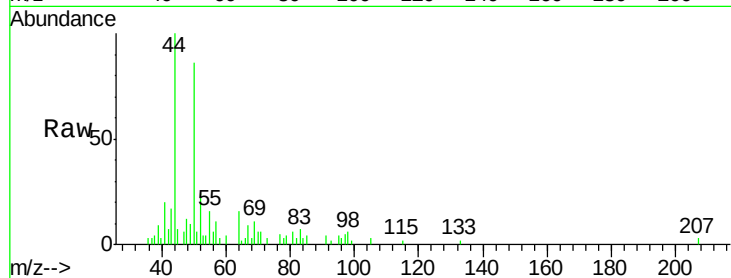
50 100

52 28.0 27.3 40.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 0.248 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029357.D

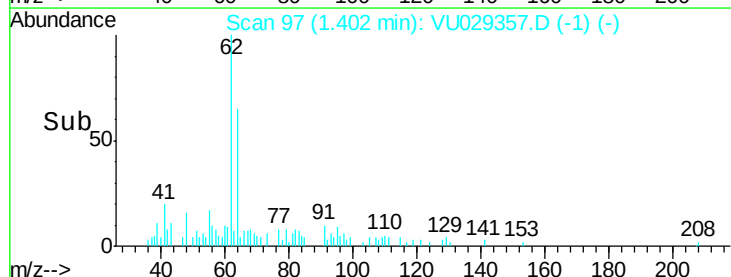
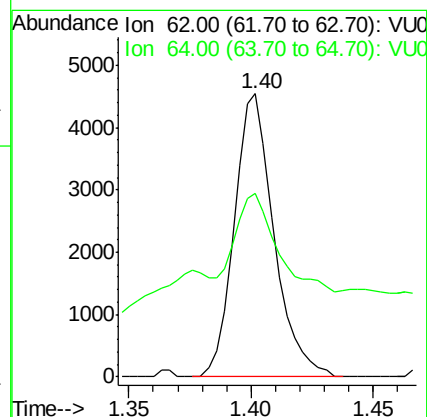
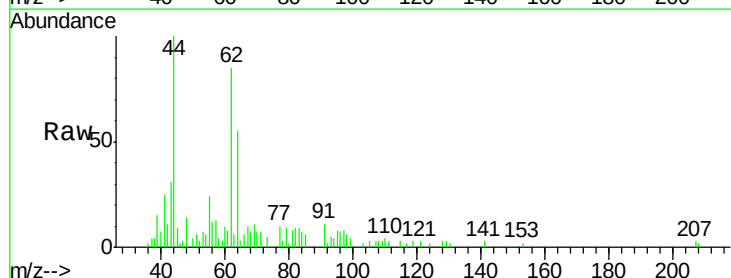
Acq: 06 Feb 2019 11:19

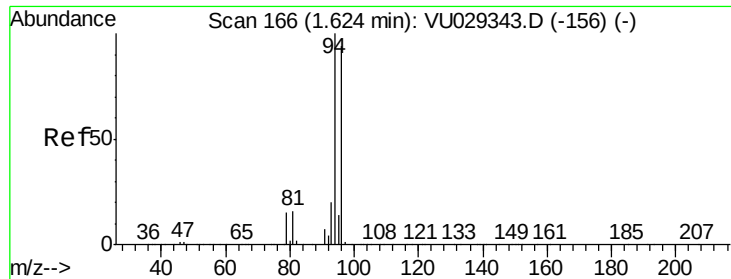
Tgt Ion: 62 Resp: 5111

Ion Ratio Lower Upper

62 100

64 34.3 25.2 37.8





#5

Bromomethane

Concen: 0.339 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tot Ion: 94 Resp: 3890

Ion Ratio Lower Upper

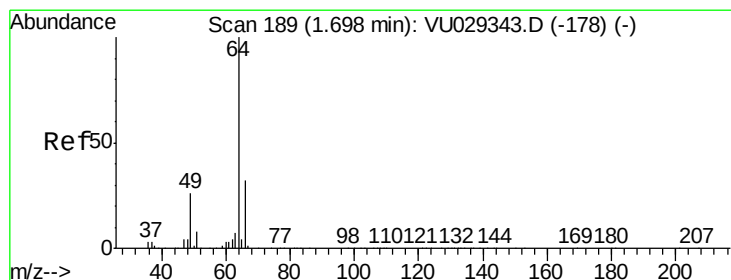
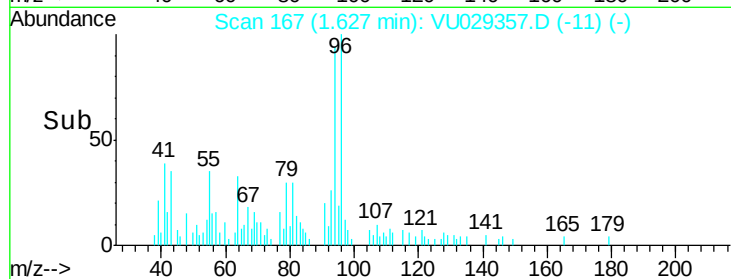
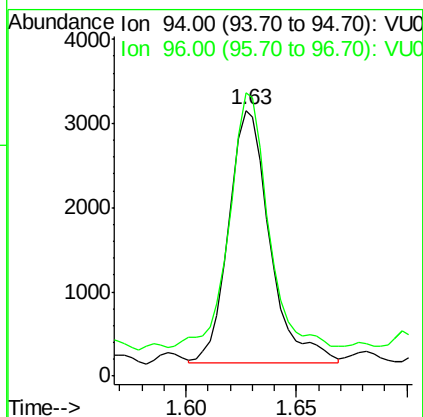
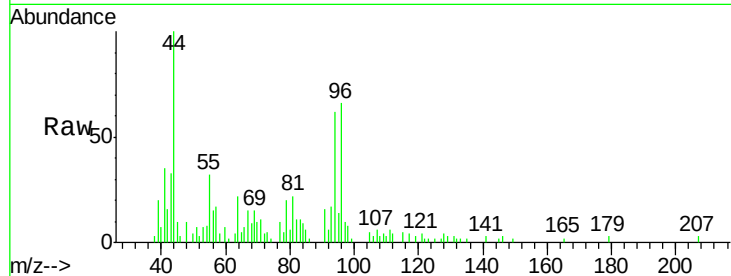
94 100

96 101.4 71.7 107.5

Manual Integrations
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#6

Chloroethane

Concen: 0.279 ug/l

RT: 1.70 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU029357.D

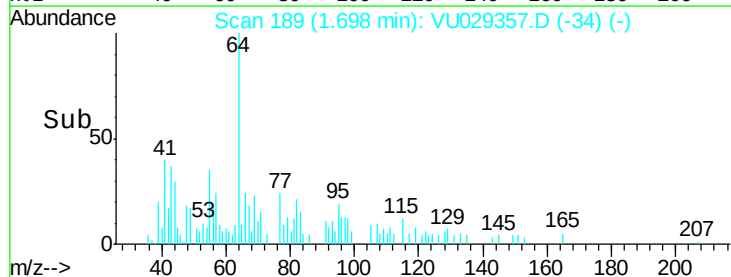
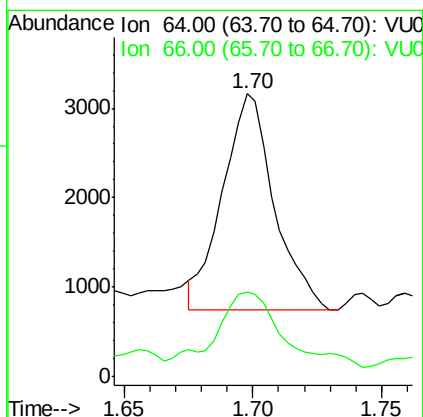
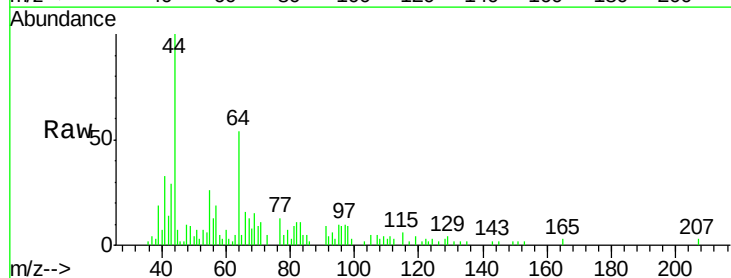
Acq: 06 Feb 2019 11:19

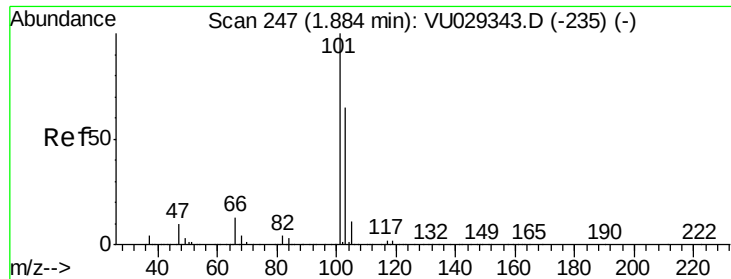
Tgt Ion: 64 Resp: 3355

Ion Ratio Lower Upper

64 100

66 29.2 26.3 39.5





#7

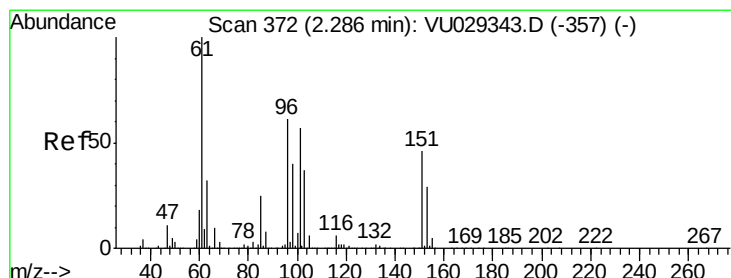
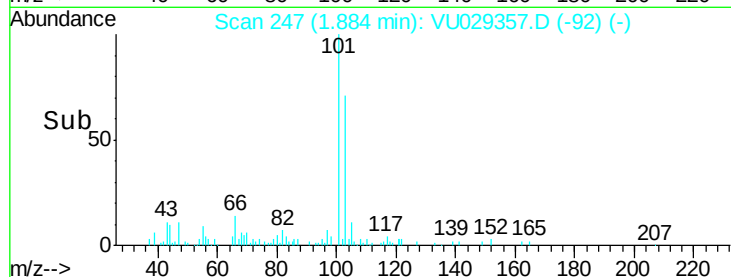
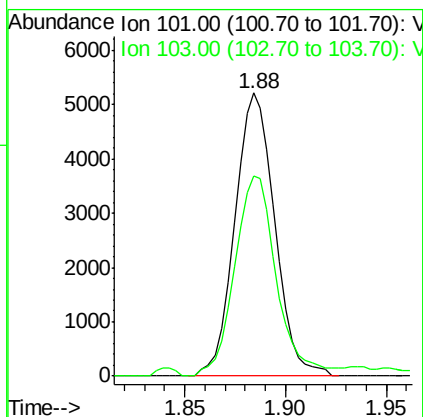
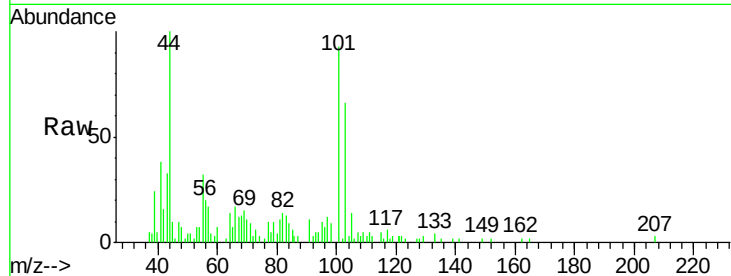
Trichlorofluoromethane
Concen: 0.251 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
101	100		
103	70.8	53.9	80.9

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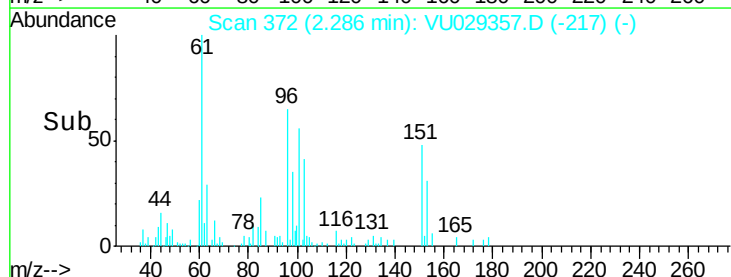
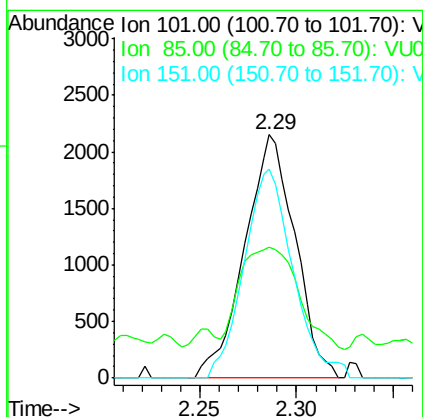
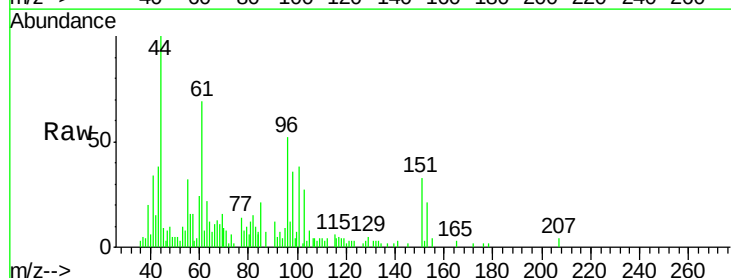
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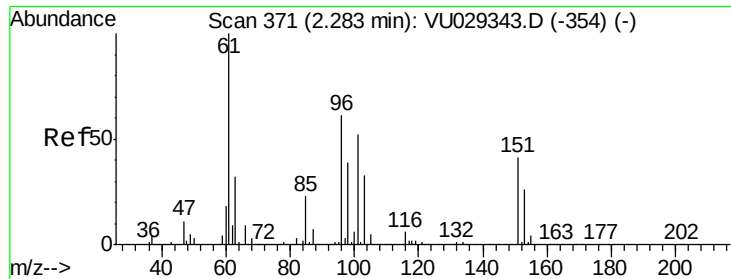


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.255 ug/l
RT: 2.29 min Scan# 372
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.3	40.3	60.5
151	83.6	58.1	87.1





#9

1,1-Dichloroethene

Concen: 0.277 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

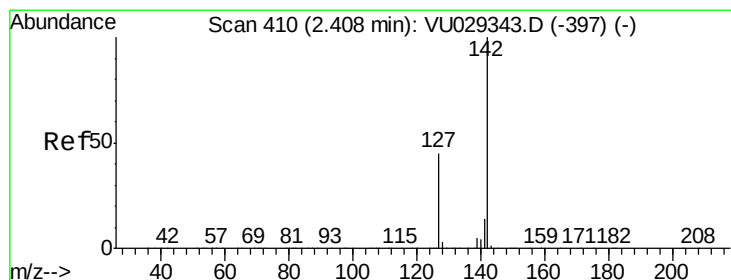
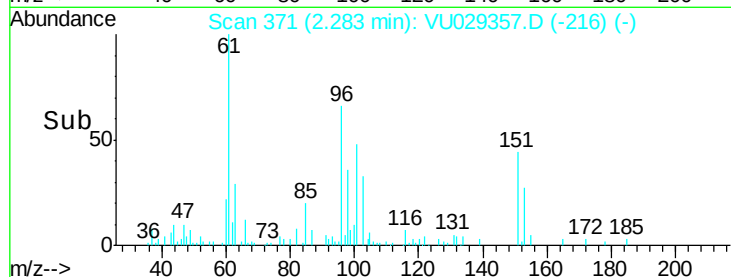
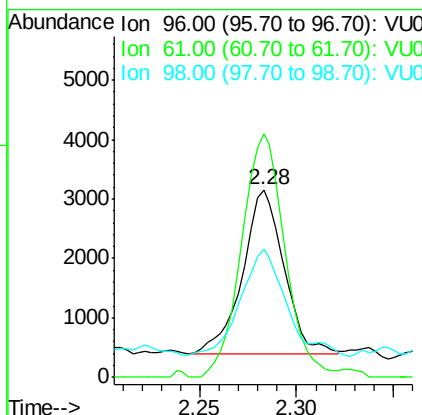
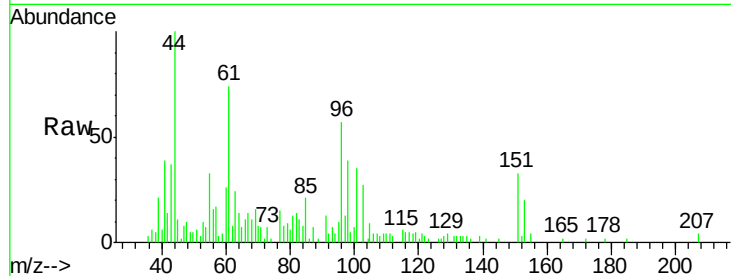
ClientSampleId :

MDL03

Tot Ion:	96	Resp:	4123
Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	641.4
98	64.1	0.0	122.6

Manual Integrations
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#10

Iodomethane

Concen: 0.468 ug/l

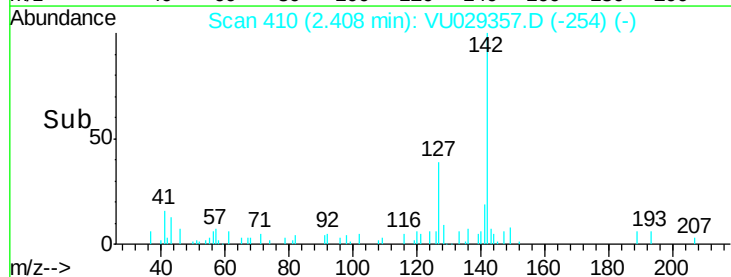
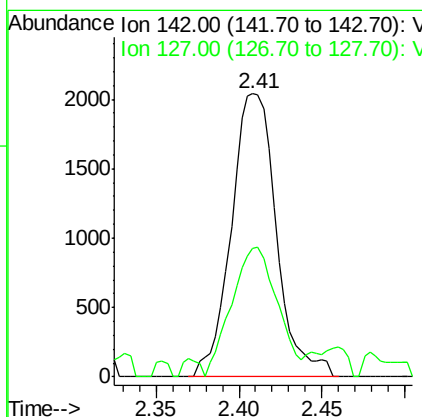
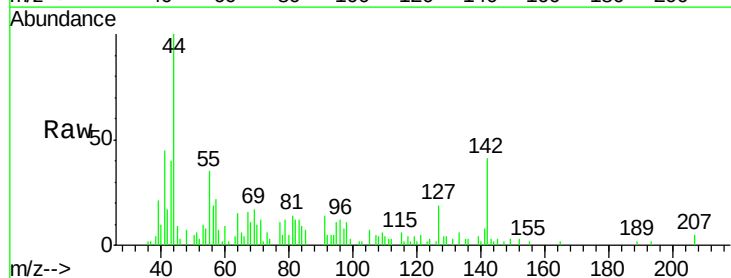
RT: 2.41 min Scan# 410

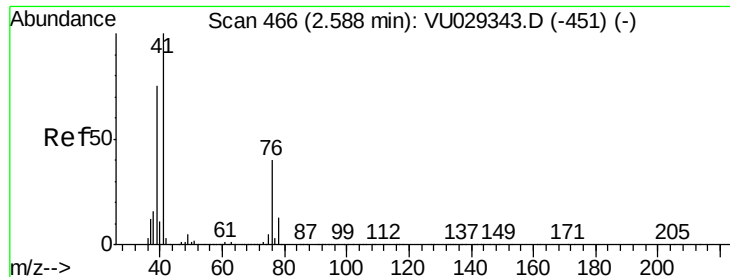
Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Tgt Ion:	142	Resp:	3863
Ion	Ratio	Lower	Upper
142	100		
127	46.6	47.6	71.4#





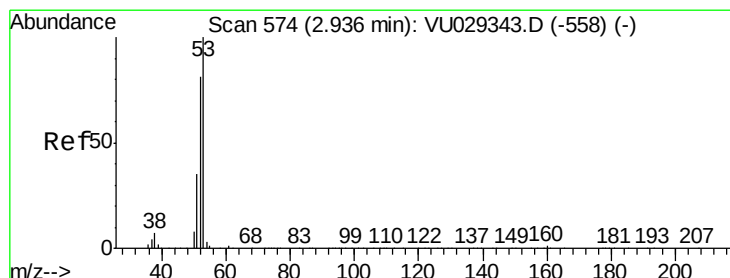
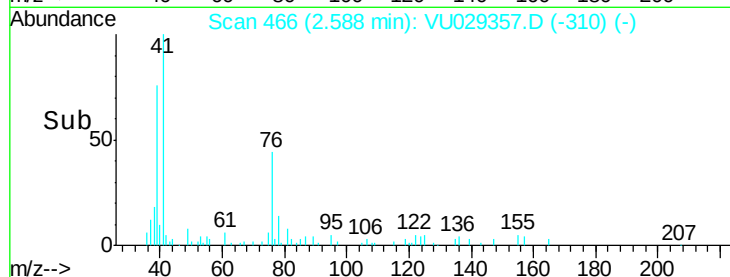
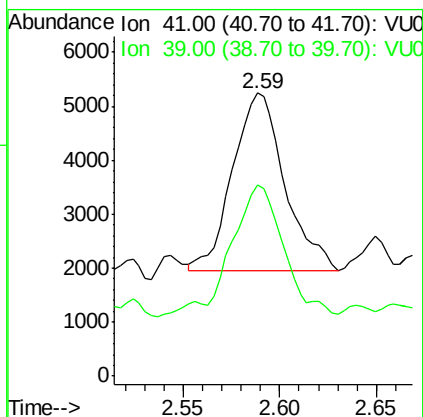
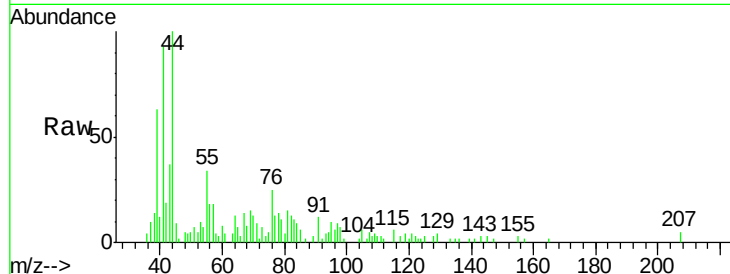
#11
Allvl Chloride
Concen: 0.246 ug/l
RT: 2.59 min Scan# 466
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tot Ion: 41 Resp: 6144
Ion Ratio Lower Upper
41 100
39 75.2 67.2 100.8

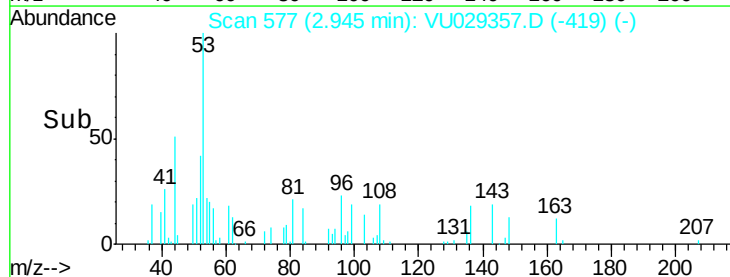
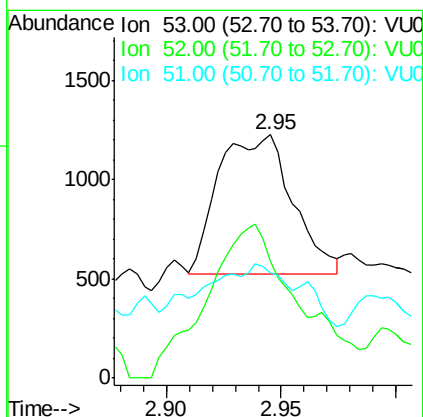
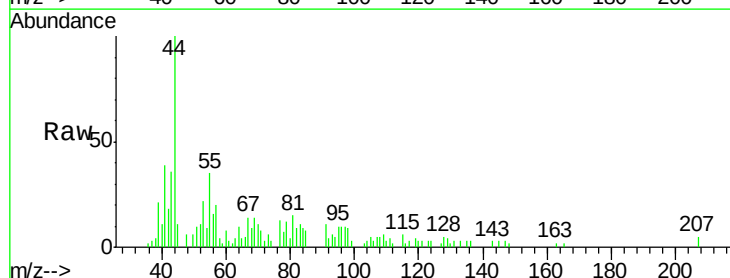
Manual Integrations
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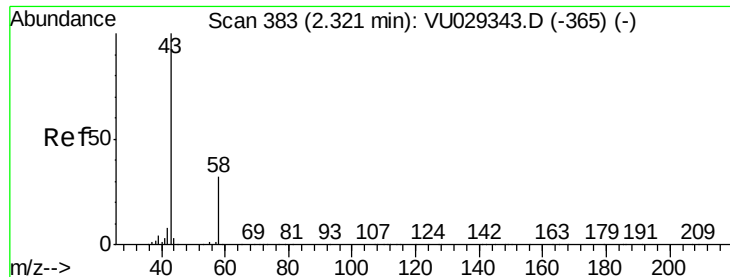
sam
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#12
Acrylonitrile
Concen: 0.465 ug/l m
RT: 2.95 min Scan# 577
Delta R.T. 0.01 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion: 53 Resp: 1549
Ion Ratio Lower Upper
53 100
52 138.5 67.6 101.4#
51 33.7 31.0 46.4





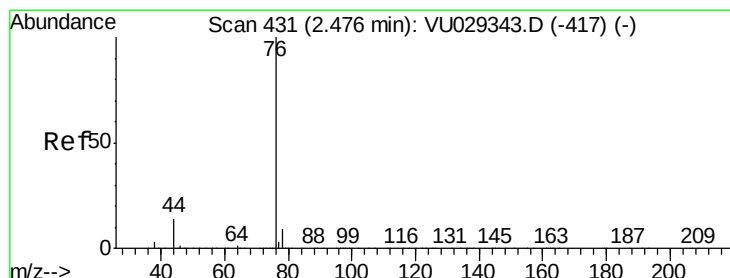
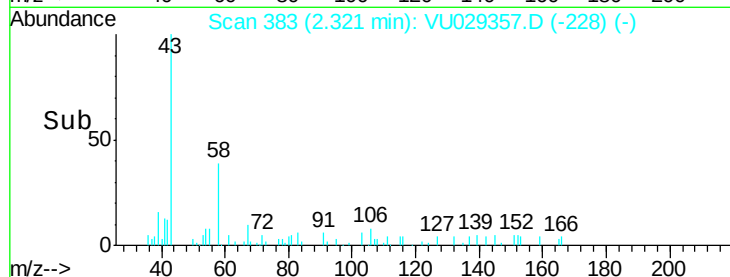
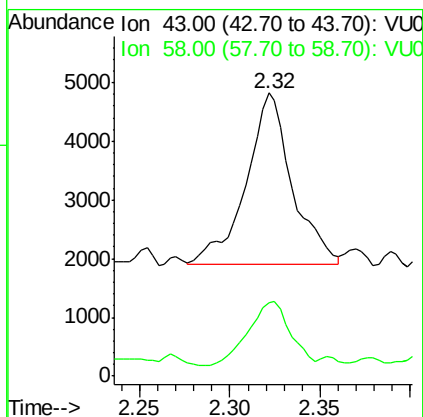
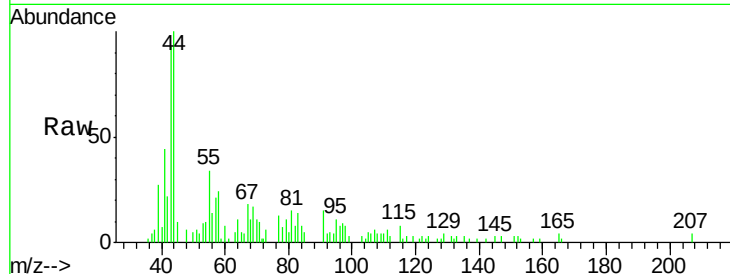
#13
Acetone
Concen: 1.600 ug/l m
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tot Ion: 43 Resp: 5142
Ion Ratio Lower Upper
43 100
58 25.9 19.2 28.8

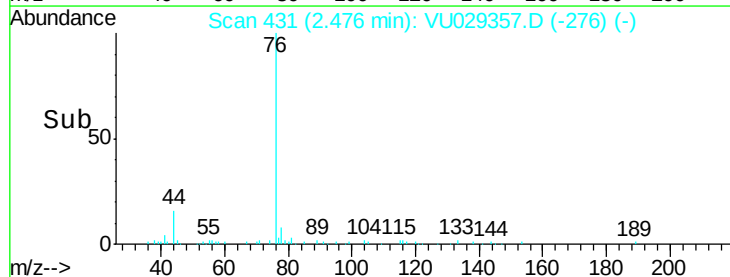
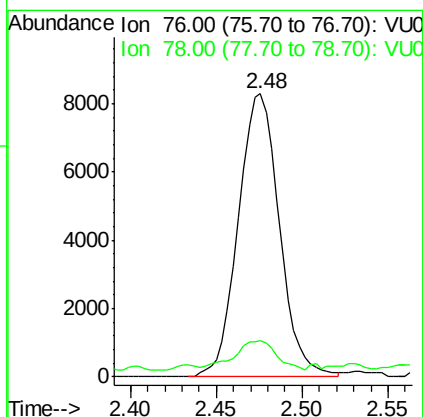
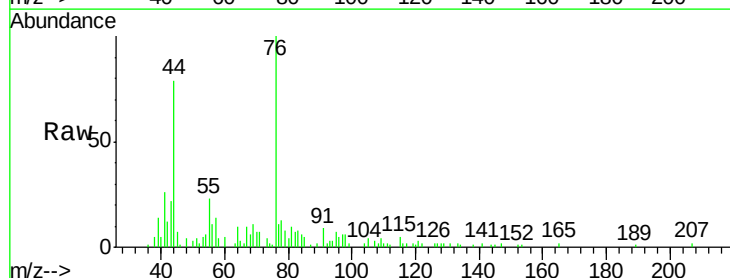
Manual Integrations
APPROVED

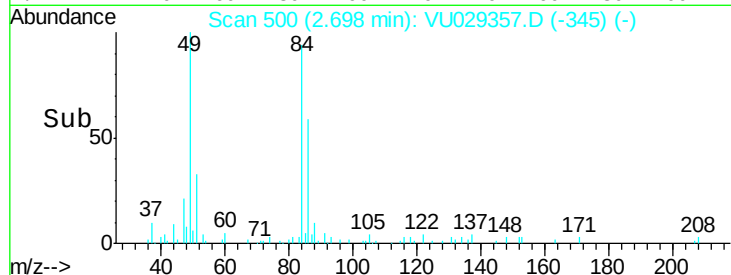
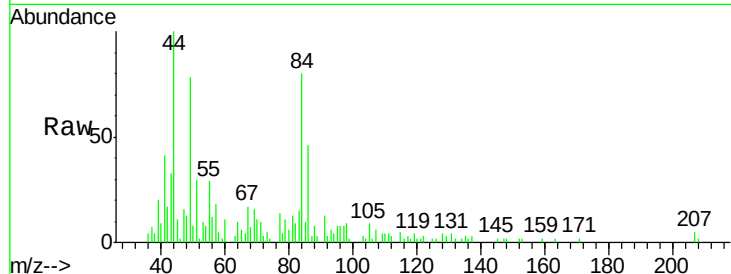
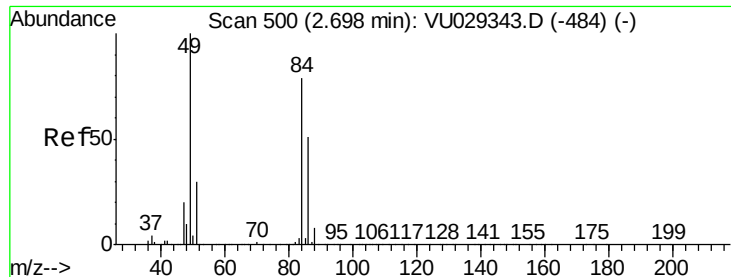
sam
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#14
Carbon Disulfide
Concen: 0.263 ug/l
RT: 2.48 min Scan# 431
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion: 76 Resp: 13792
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





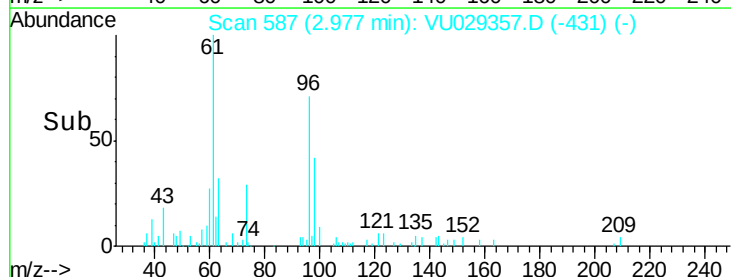
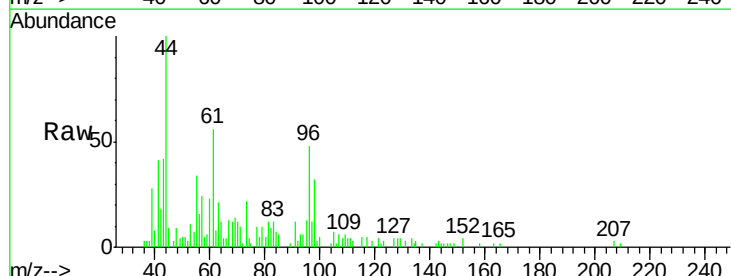
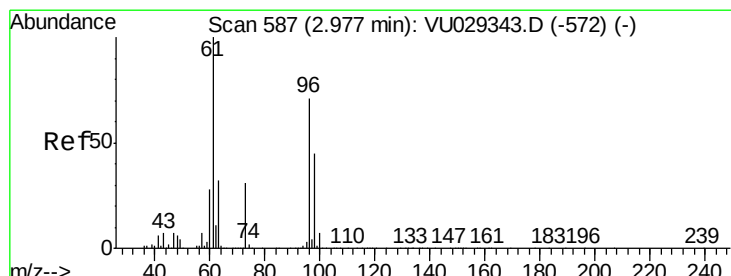
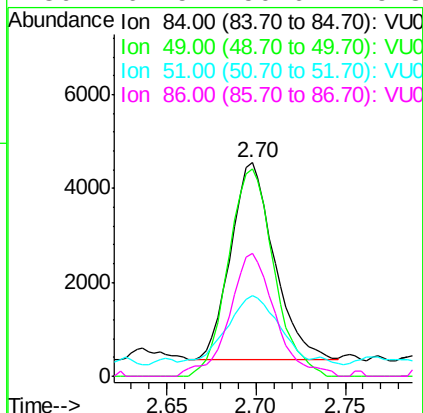
#15
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tot Ion:	84	Resp:	7112
Ion	Ratio	Lower	Upper
84	100		
49	105.4	127.0	190.6#
51	34.7	0.0	93.4
86	62.5	50.6	75.8

Instrument :
MSVOA_U
ClientSampleId :
MDL03

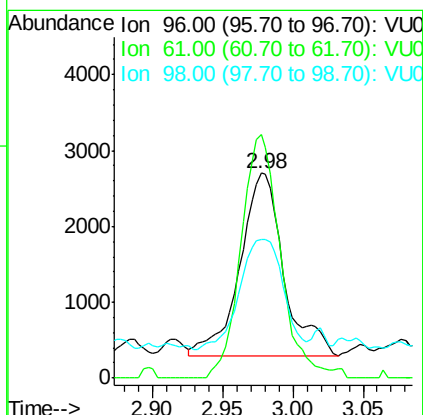
Manual Integrations
APPROVED

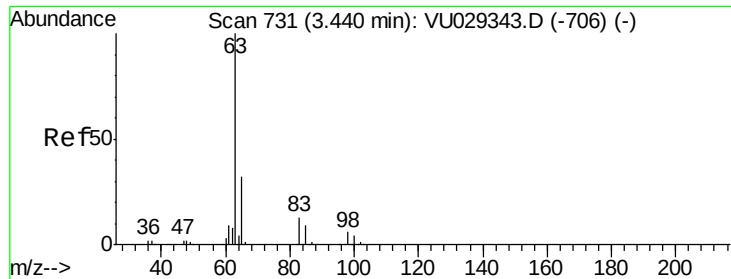
sam
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#16
trans-1,2-Dichloroethene
Concen: 0.314 ug/l
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion:	96	Resp:	5224
Ion	Ratio	Lower	Upper
96	100		
61	133.5	140.6	210.8#
98	58.4	49.3	73.9





#17

1,1-Dichloroethane

Concen: 0.237 ug/l

RT: 3.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

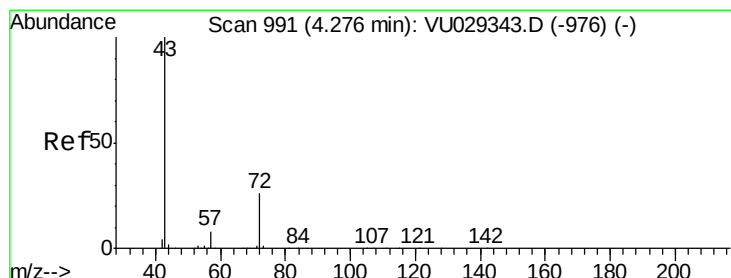
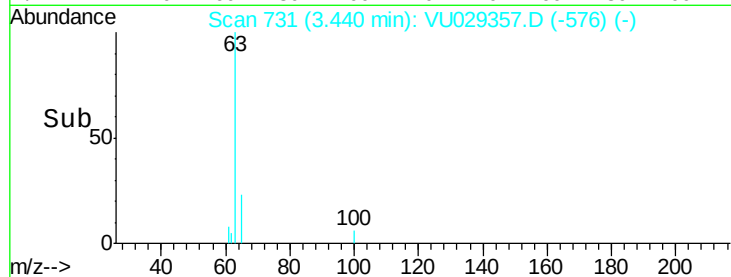
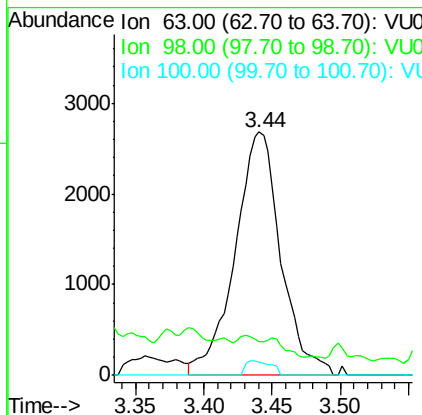
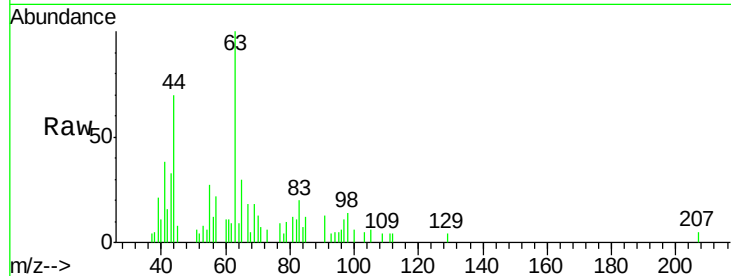
ClientSampleId :

MDL03

Tot Ion:	63	Resp:	6260
Ion Ratio	Lower	Upper	
63	100		
98	0.7	2.9	8.8#
100	5.6	1.7	5.1#

Manual Integrations
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#18

2-Butanone

Concen: 1.024 ug/l

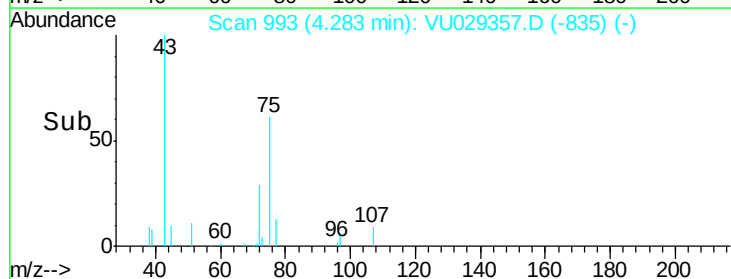
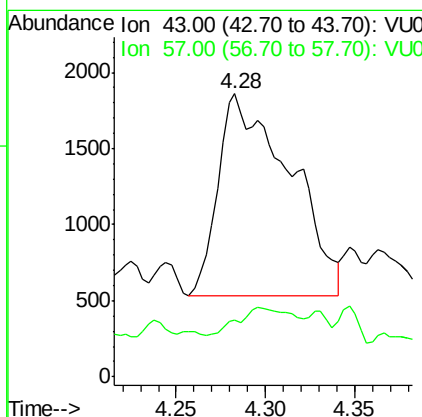
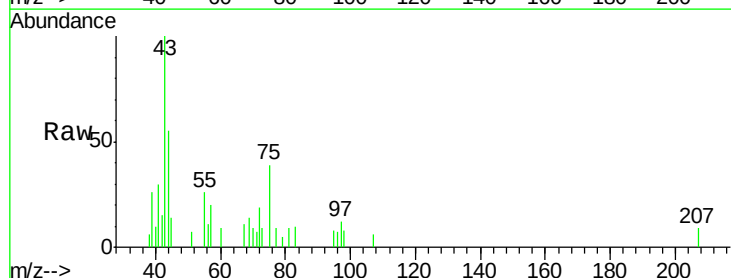
RT: 4.28 min Scan# 993

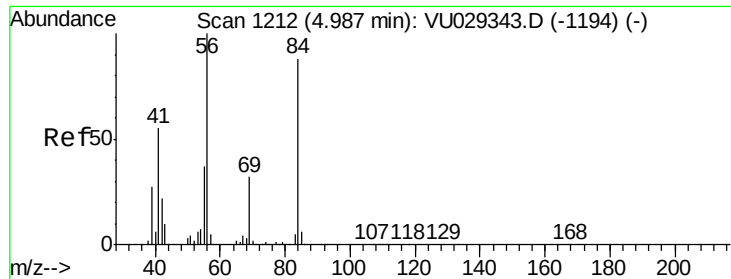
Delta R.T. 0.01 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Tgt Ion:	43	Resp:	3679
Ion Ratio	Lower	Upper	
43	100		
57	5.4	0.0	15.8





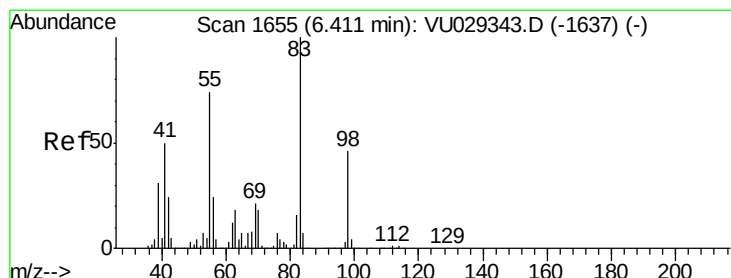
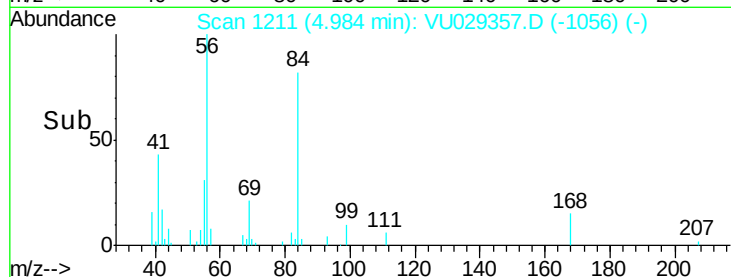
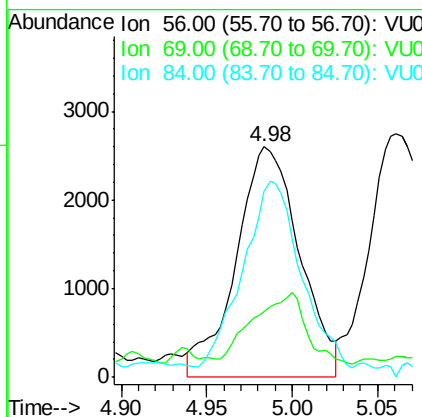
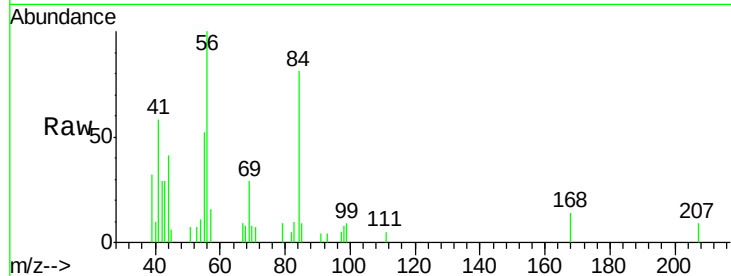
#19
Cyclohexane
Concen: 0.275 ug/l m
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
56	100		
69	23.6	26.8	40.2#
84	72.2	71.5	107.3

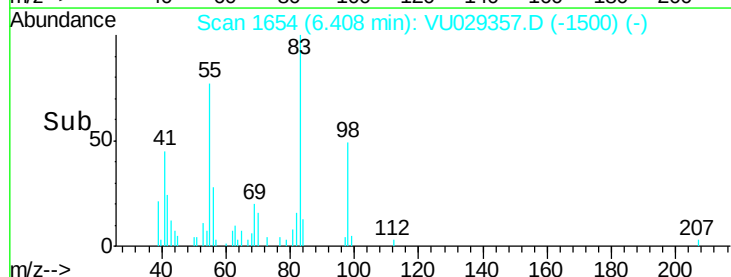
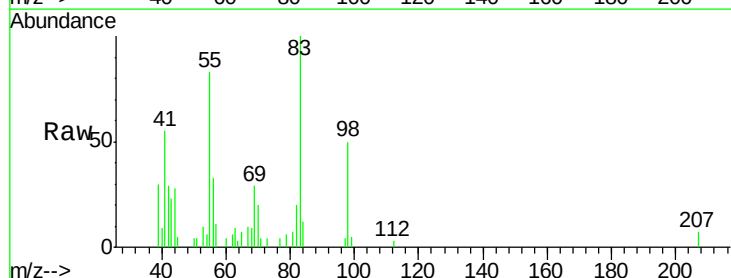
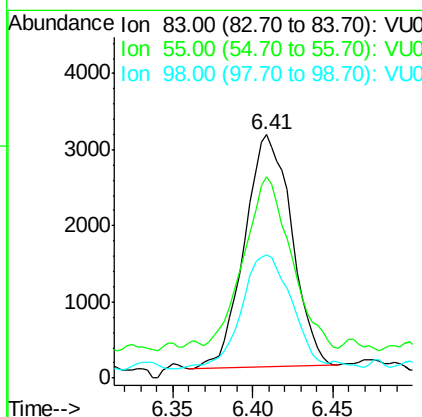
Manual Integrations
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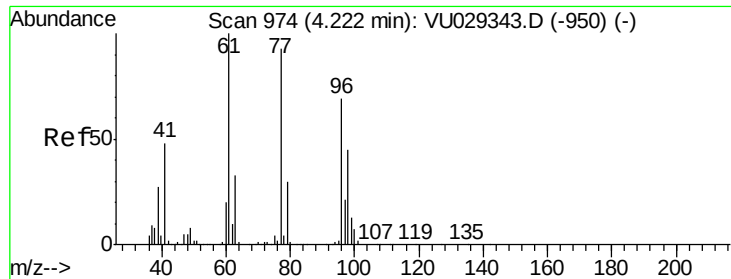
sam
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#20
Methylcyclohexane
Concen: 0.241 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.7	72.4	108.6#
98	49.1	36.6	54.8





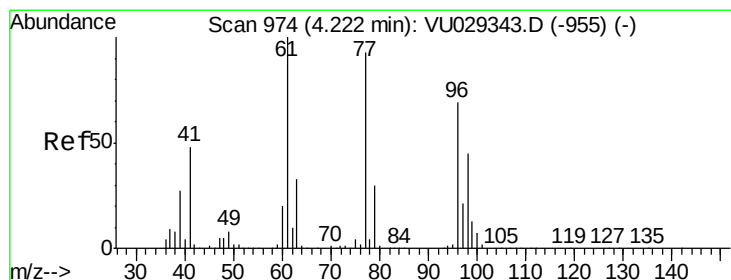
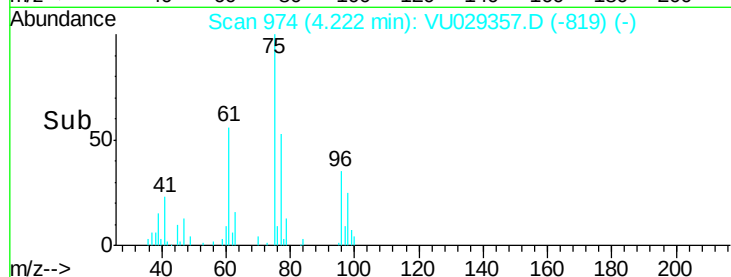
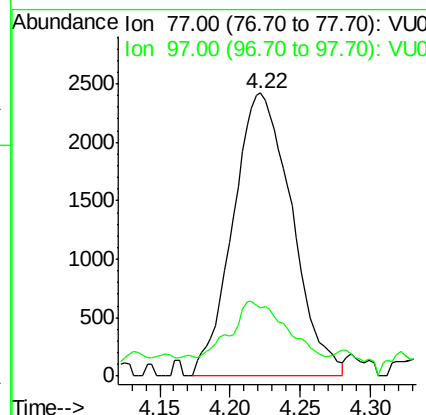
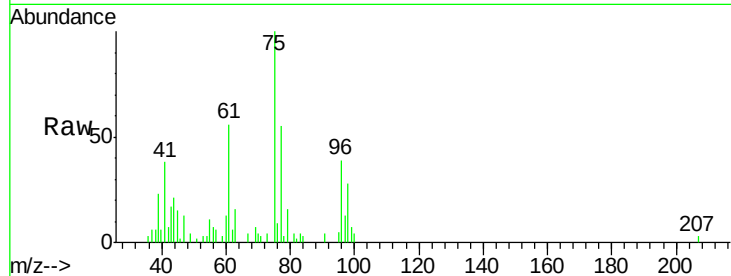
#21
 2,2-Dichloropropane
 Concen: 0.289 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Instrument :
 MSVOA_U
 ClientSampled :
 MDL03

Tot Ion: 77 Resp: 7042
 Ion Ratio Lower Upper
 77 100
 97 17.6 15.6 23.4

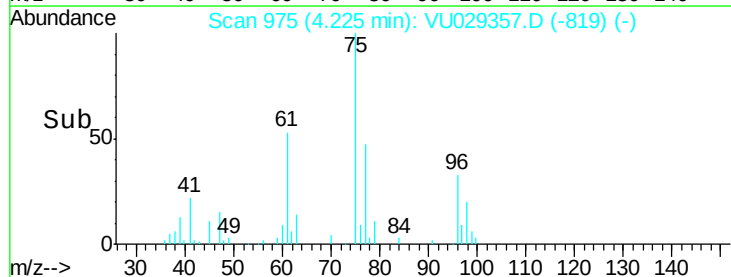
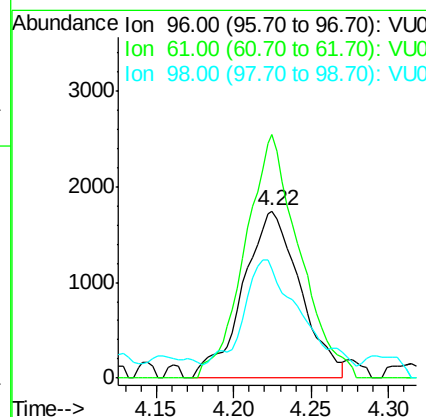
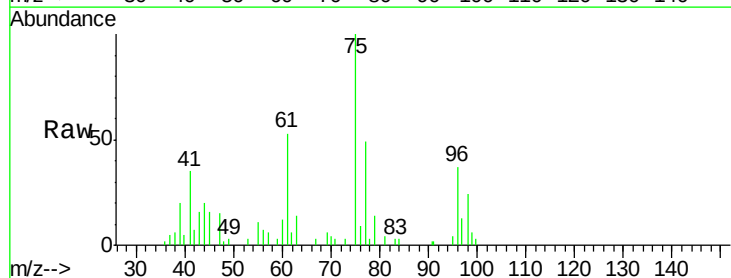
Manual Integrations
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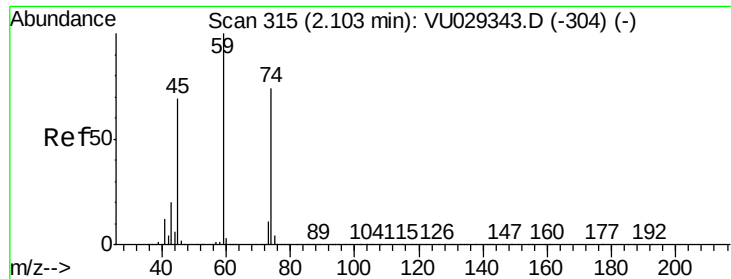
sam
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#22
 cis-1,2-Dichloroethene
 Concen: 0.286 ug/l
 RT: 4.22 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Tgt Ion: 96 Resp: 4487
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 460.0
 98 59.1 32.6 97.7





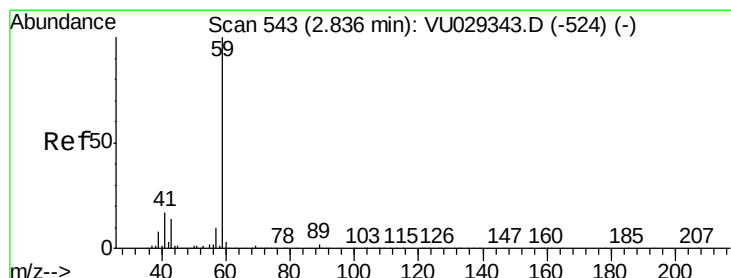
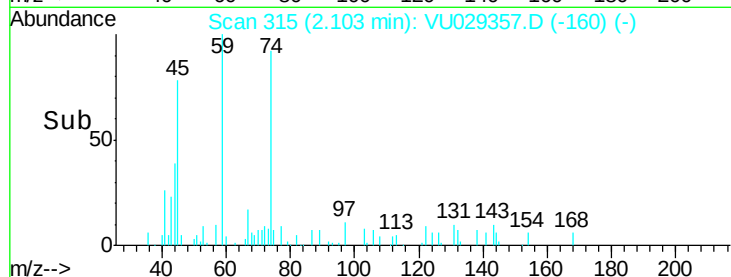
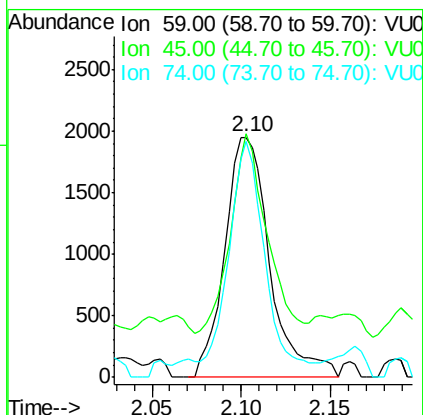
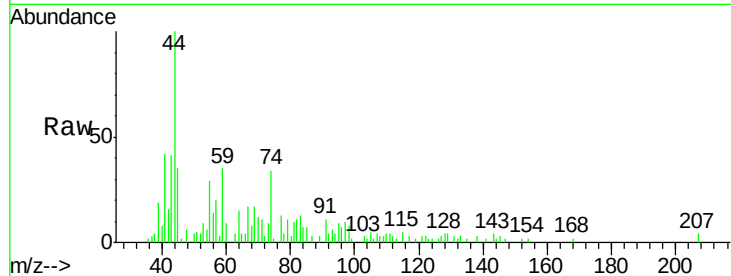
#23
Diethyl Ether
Concen: 0.287 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
59	100		
45	66.0	64.2	96.4
74	72.0	55.3	82.9

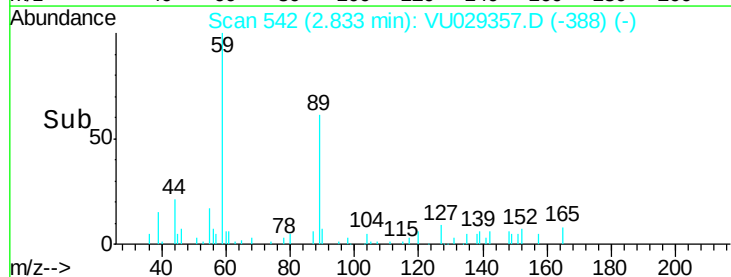
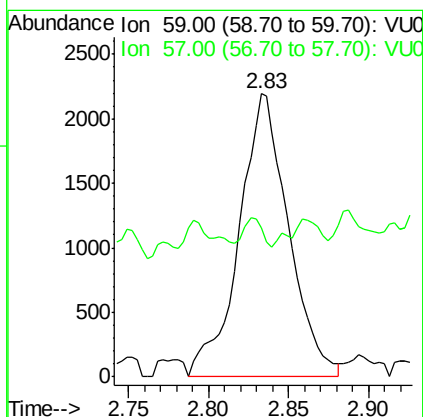
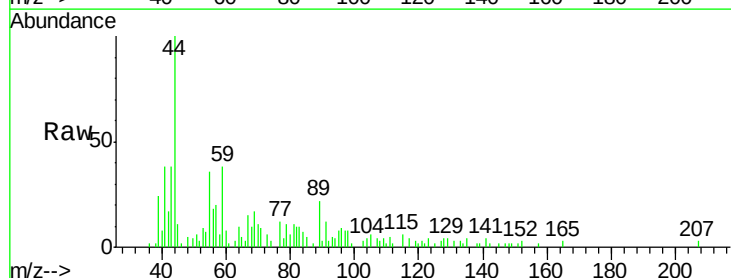
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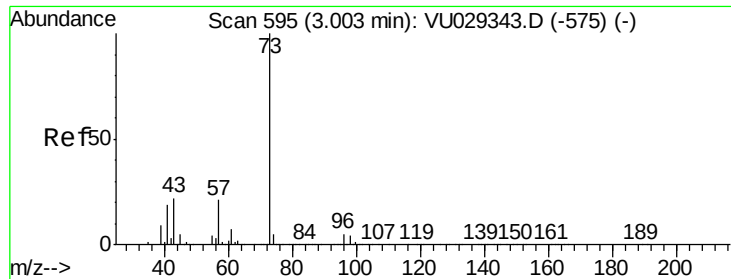
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#24
tert-Butyl Alcohol
Concen: 3.753 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
59	100		
57	3.5	8.8	13.2#





#25

Methyl tert-Butyl Ether

Concen: 0.234 ug/l

RT: 3.00 min Scan# 595

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampled :

MDL03

Tot Ion: 73 Resp: 9820

Ion Ratio Lower Upper

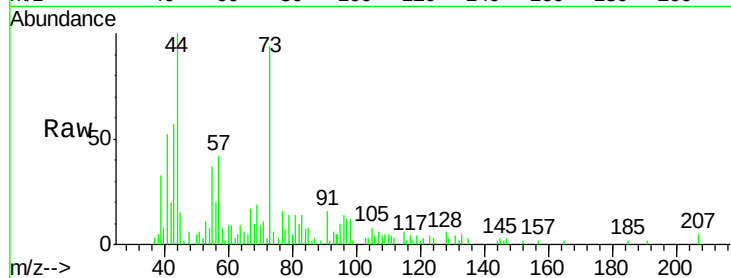
73 100

43 7.4 22.1 33.1#

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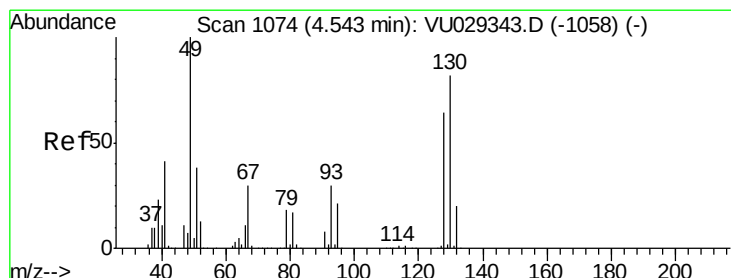
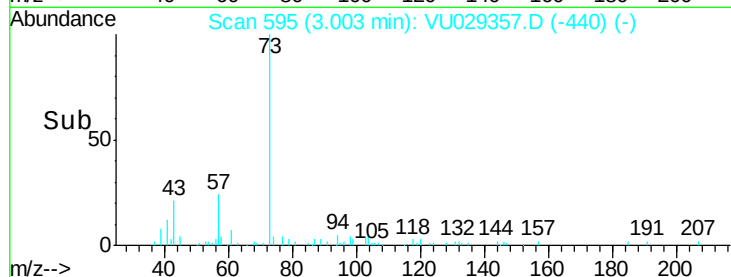
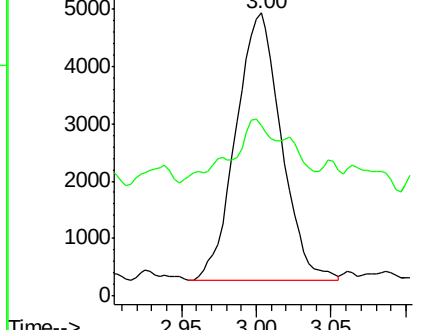
sam

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Abundance Ion 73.00 (72.70 to 73.70): VU029343.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU029343.D (-575) (-)



#26

Bromochloromethane

Concen: 0.266 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

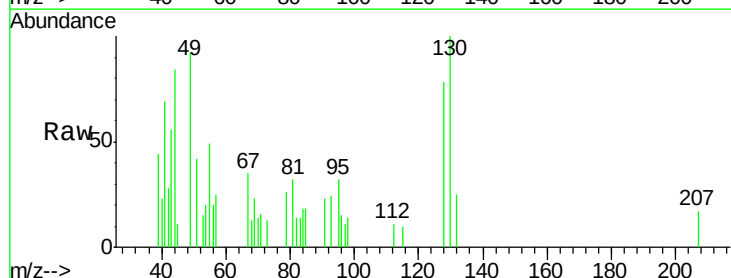
Tgt Ion: 128 Resp: 1841

Ion Ratio Lower Upper

128 100

49 121.2 0.0 401.6

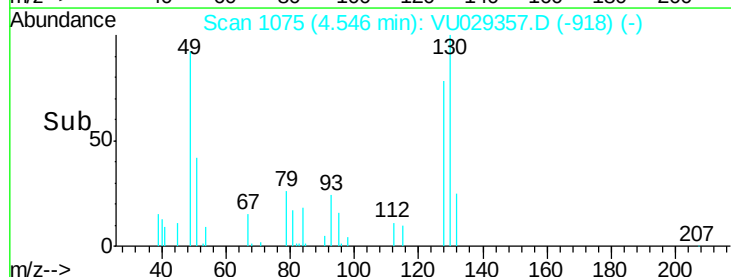
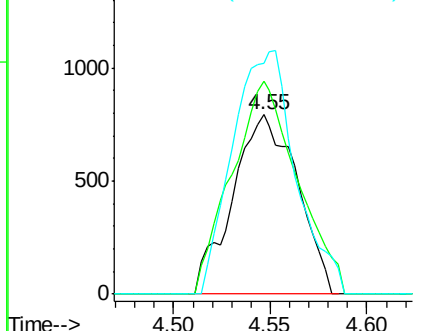
130 133.0 108.0 162.0

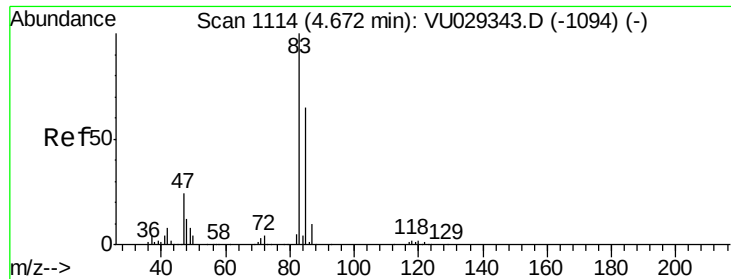


Abundance Ion 128.00 (127.70 to 128.70): VU029343.D (-1058) (-)

Ion 49.00 (48.70 to 49.70): VU029343.D (-1058) (-)

Ion 130.00 (129.70 to 130.70): VU029343.D (-1058) (-)





#27

Chloroform

Concen: 0.241 ug/l

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tot Ion: 83 Resp: 6178

Ion Ratio Lower Upper

83 100

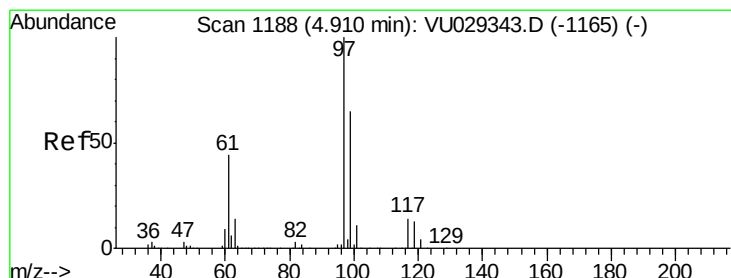
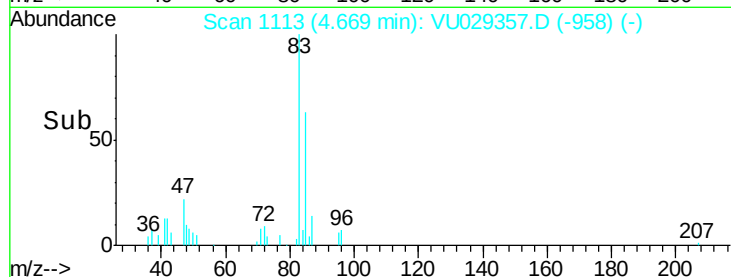
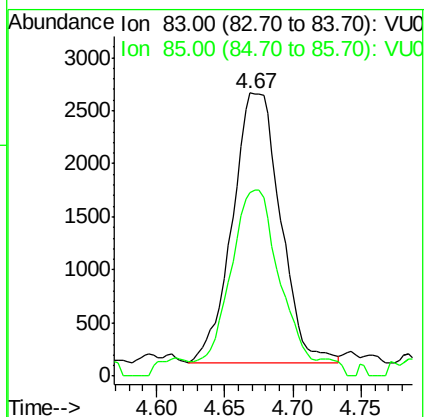
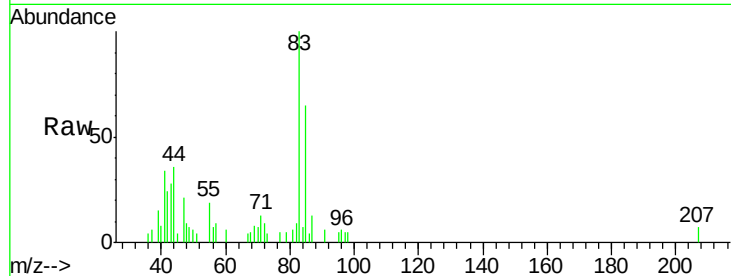
85 63.1 0.0 126.6

Manual Integrations

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sam

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#28

1,1,1-Trichloroethane

Concen: 0.238 ug/l

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

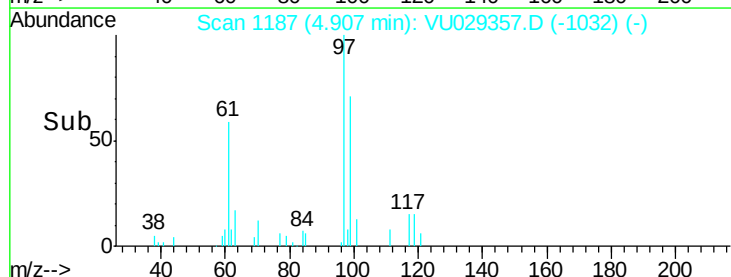
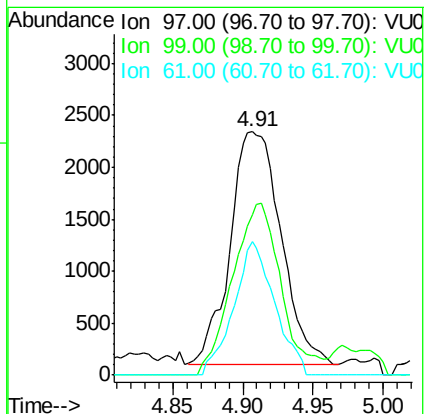
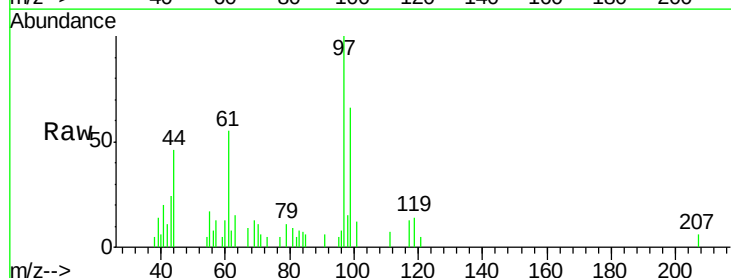
Tgt Ion: 97 Resp: 5664

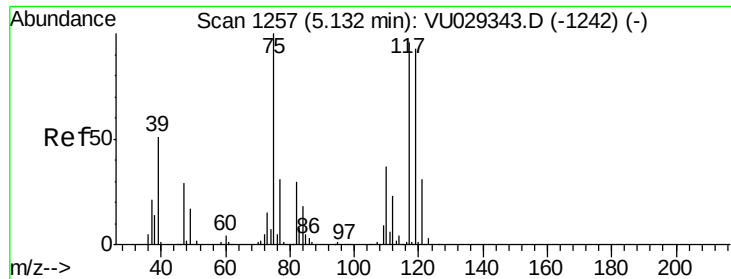
Ion Ratio Lower Upper

97 100

99 70.6 32.4 97.2

61 45.8 24.4 73.2





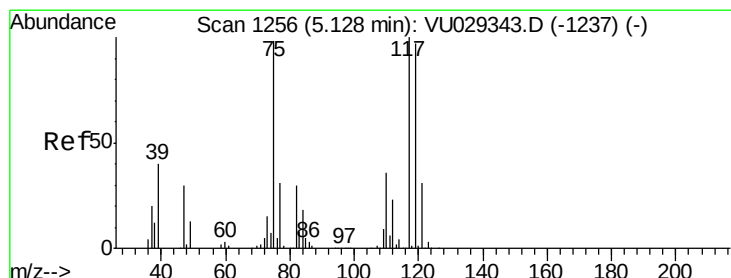
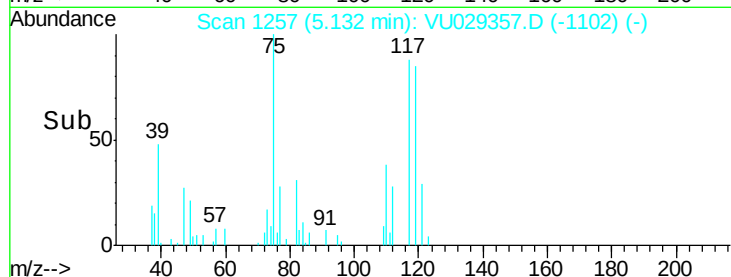
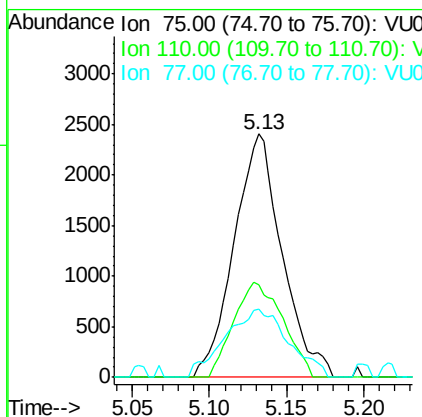
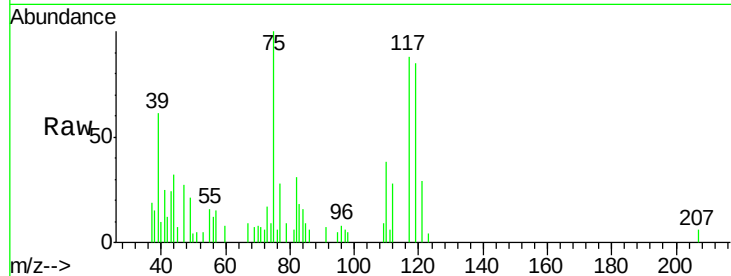
#29
 1,1-Dichloropropene
 Concen: 0.252 ug/l
 RT: 5.13 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Tot Ion	Ratio	Lower	Upper
75	100		
110	40.0	15.4	46.2
77	36.9	24.1	36.1#

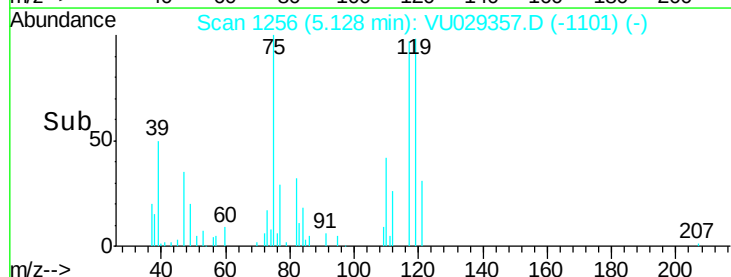
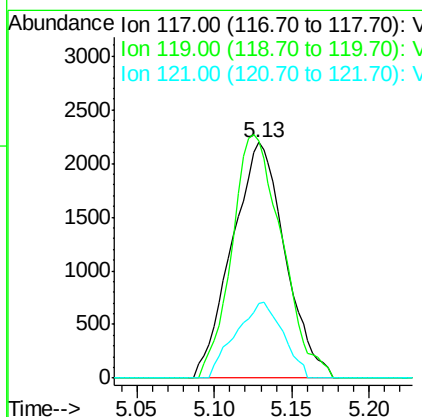
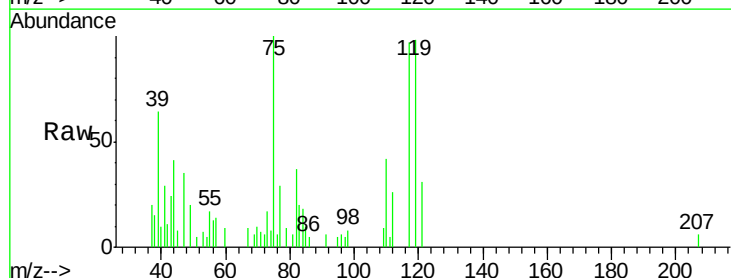
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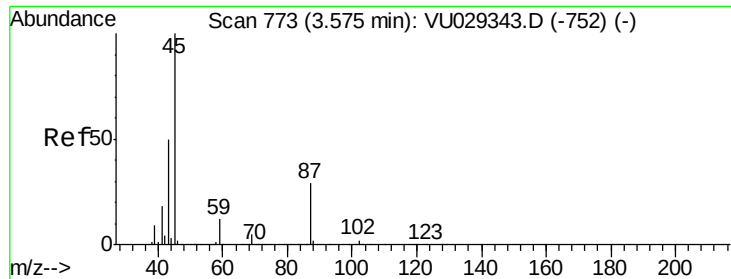
sam
 2/8/2019 2:27:21 PM



#30
 Carbon Tetrachloride
 Concen: 0.243 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.8	115.2
121	31.6	24.4	36.6





#31

Isopropyl Ether

Concen: 0.256 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tot Ion: 45 Resp: 10179

Ion Ratio Lower Upper

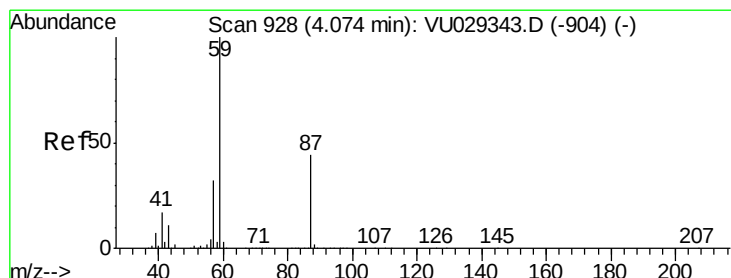
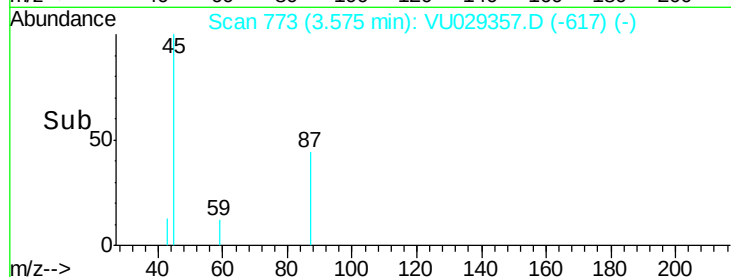
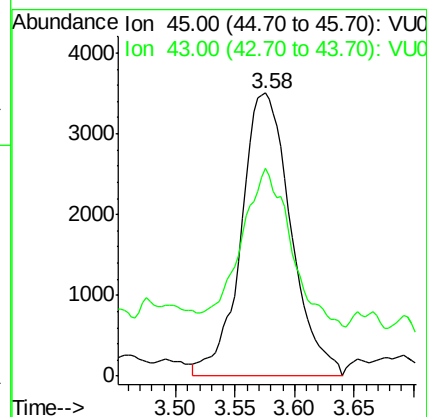
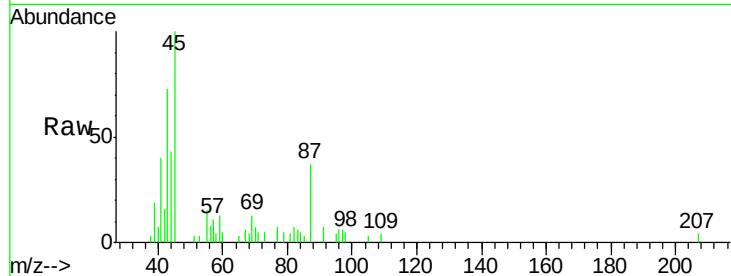
45 100

43 56.1 28.4 85.3

Manual Integrations
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#32

Ethyl-t-butyl ether

Concen: 0.239 ug/l

RT: 4.07 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU029357.D

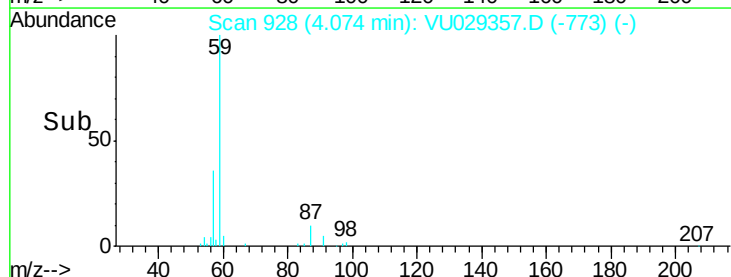
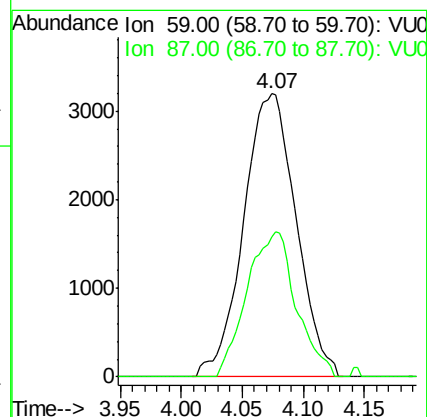
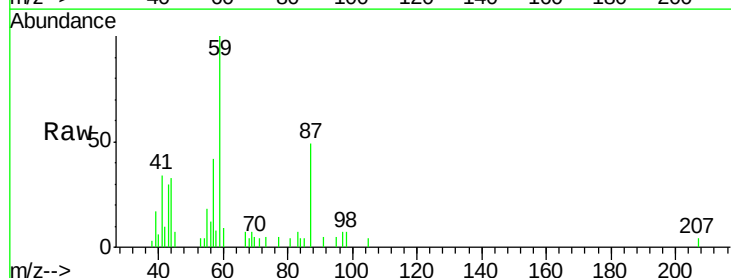
Acq: 06 Feb 2019 11:19

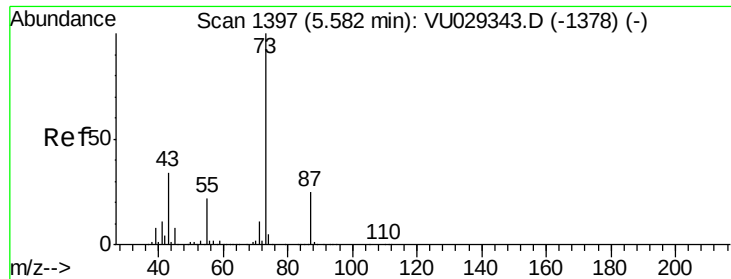
Tgt Ion: 59 Resp: 9536

Ion Ratio Lower Upper

59 100

87 48.1 31.1 46.7#





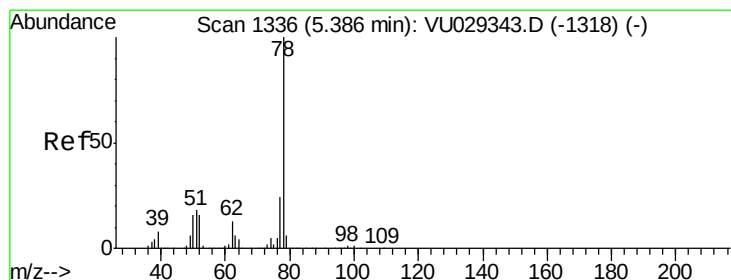
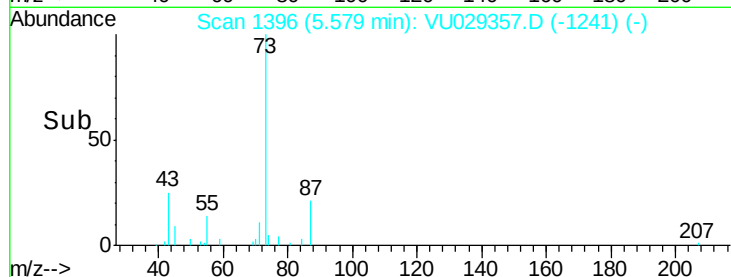
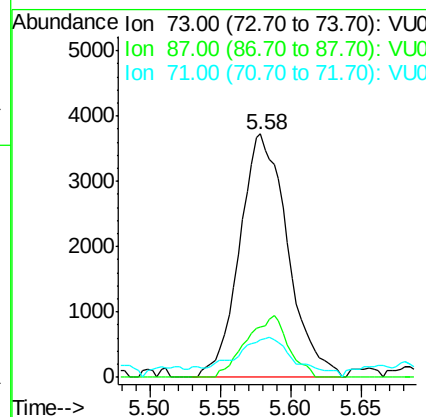
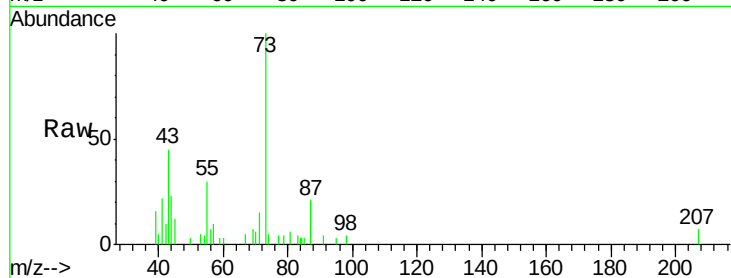
#33
Tert-Butyl methyl ether
Concen: 0.246 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.1	19.4	29.0
71	15.6	9.0	13.4

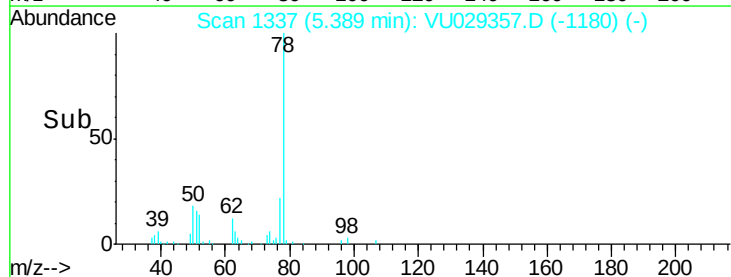
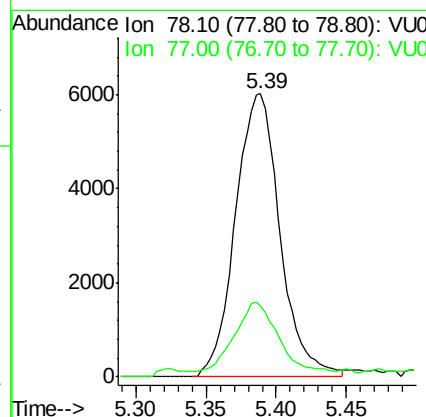
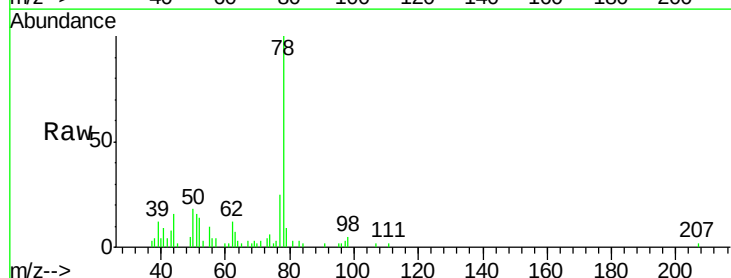
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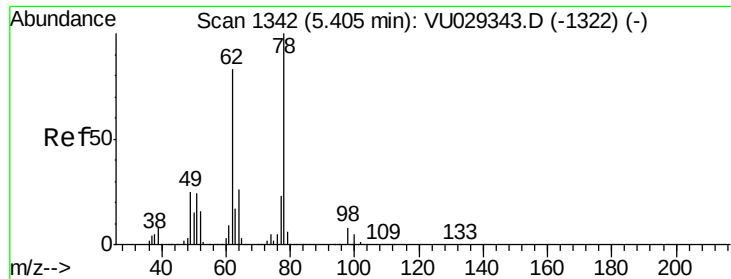
sam
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#35
Benzene
Concen: 0.234 ug/l
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.8	29.8





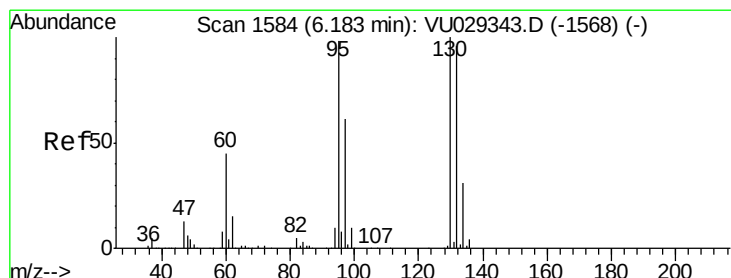
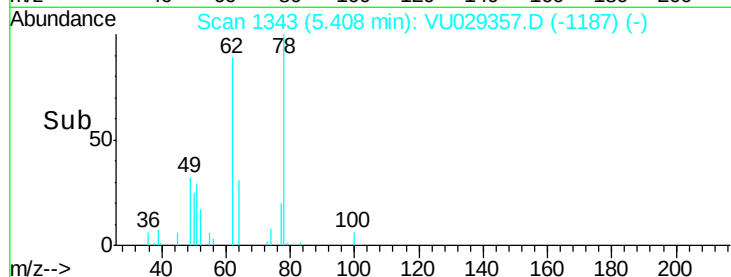
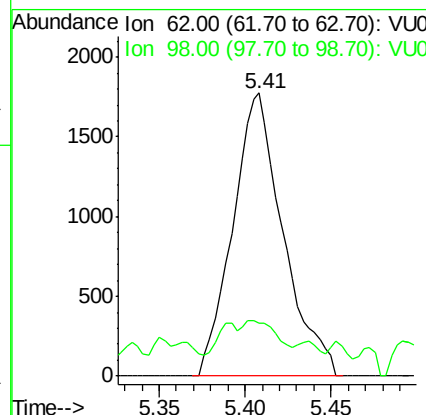
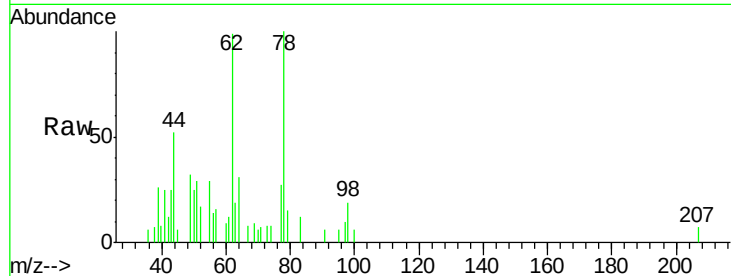
#36
1,2-Dichloroethane
Concen: 0.209 ug/l
RT: 5.41 min Scan# 1343
Delta R.T. 0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
62	100		
98	4.4	4.9	7.3#

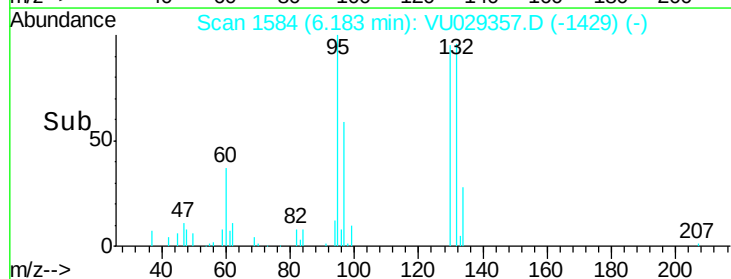
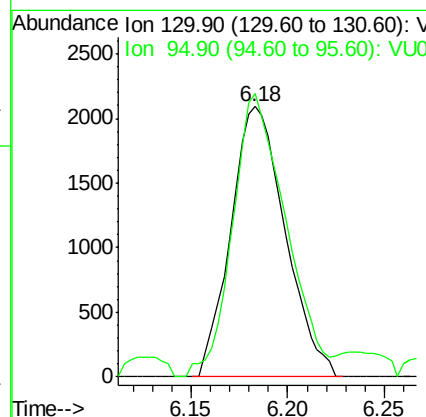
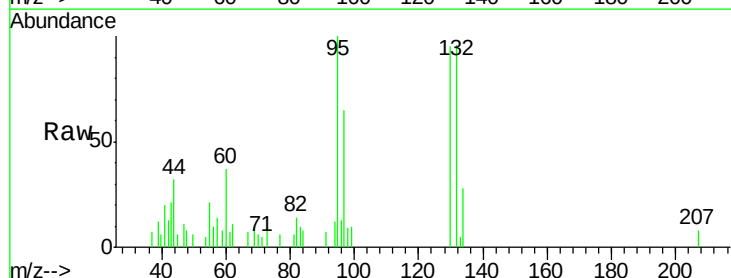
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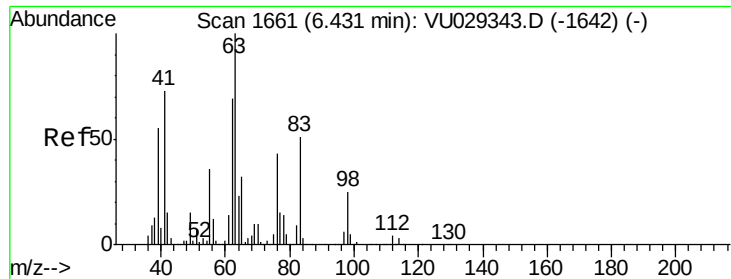
sam
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#37
Trichloroethene
Concen: 0.249 ug/l
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	85.4	128.0





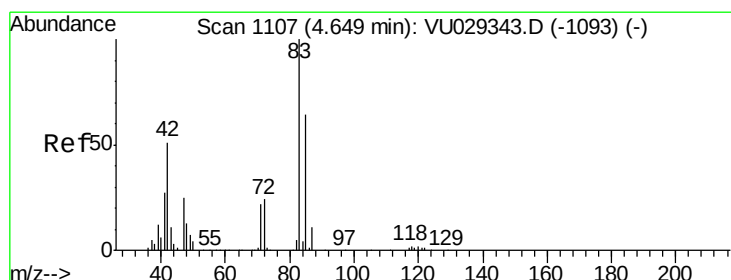
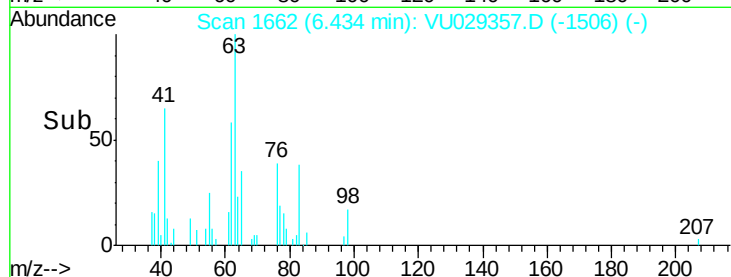
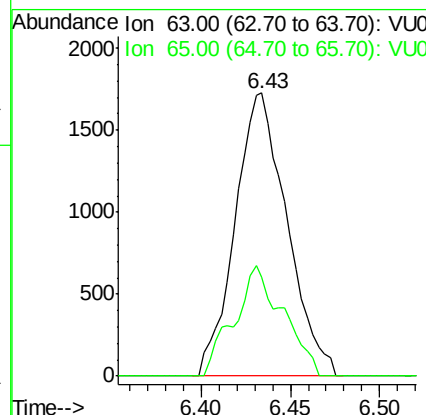
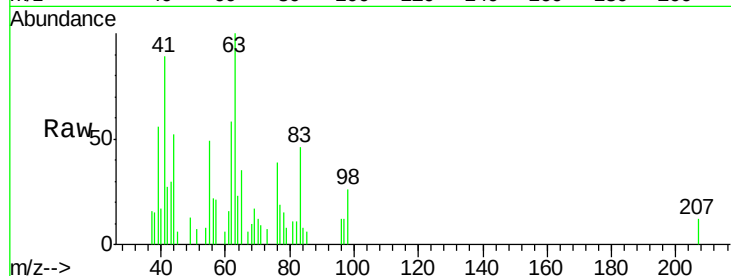
#38
 1,2-Dichloropropane
 Concen: 0.236 ug/l
 RT: 6.43 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Tot Ion	Ratio	Lower	Upper
63	100		
65	35.0	25.5	38.3

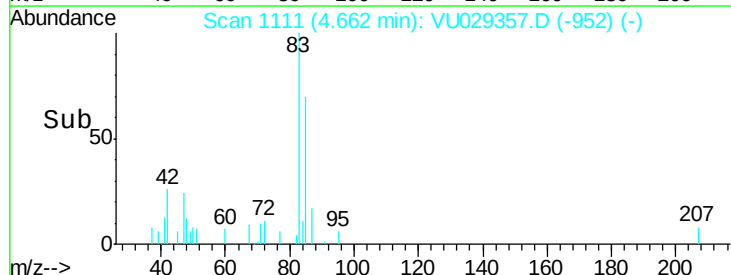
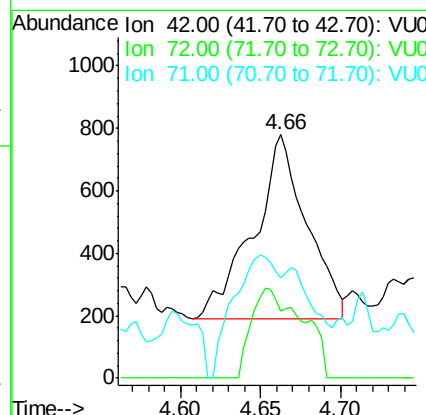
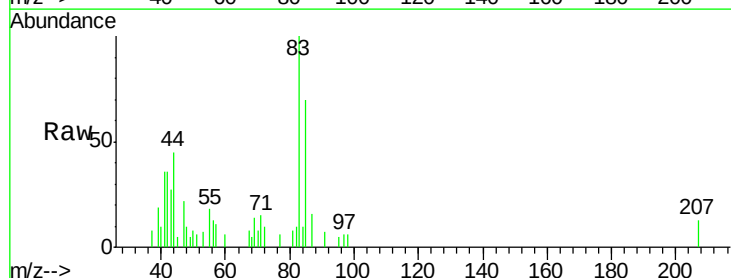
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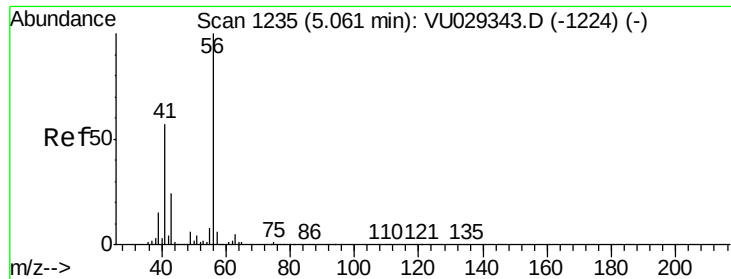
sam
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#41
 Tetrahydrofuran
 Concen: 0.560 ug/l
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.2	33.1	49.7
71	55.2	30.2	45.2#





#42

1-Chlorobutane

Concen: 0.204 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tot Ion: 56 Resp: 5630

Ion Ratio Lower Upper

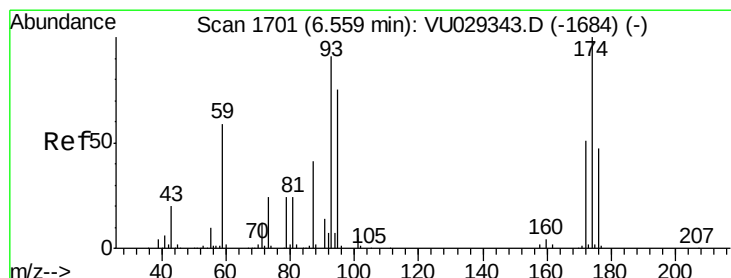
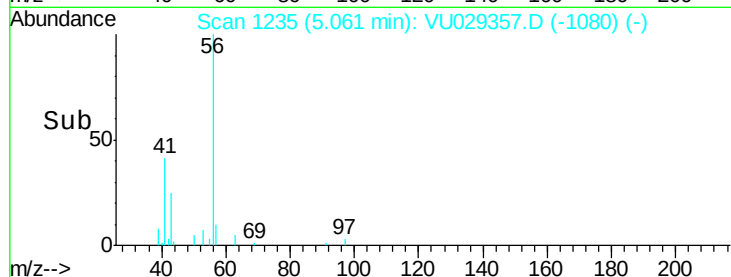
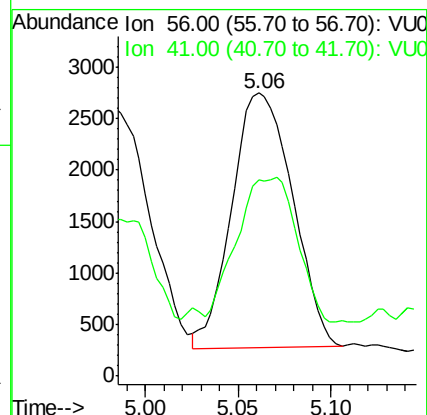
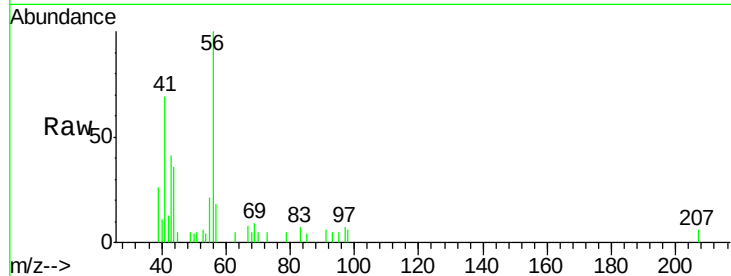
56 100

41 67.4 31.3 93.8

Manual Integrations
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#43

Dibromomethane

Concen: 0.234 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

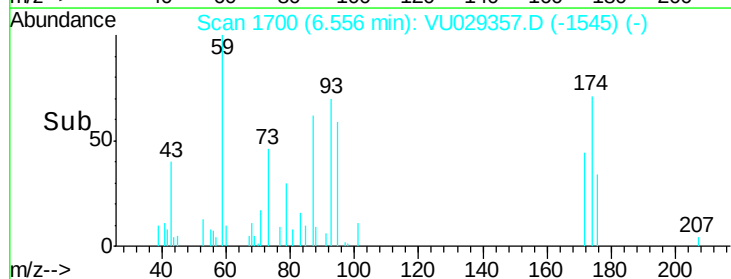
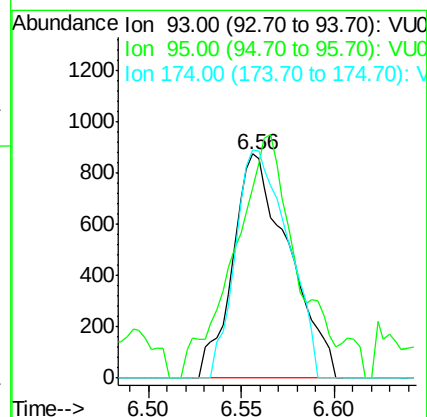
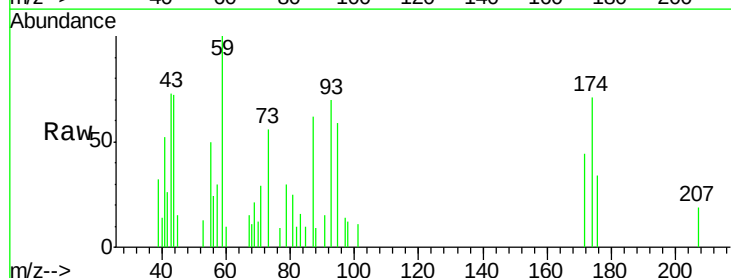
Tgt Ion: 93 Resp: 1849

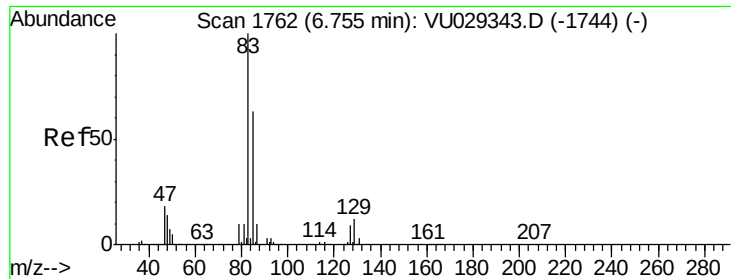
Ion Ratio Lower Upper

93 100

95 118.5 68.2 102.2#

174 95.0 77.6 116.4





#44

Bromodichloromethane

Concen: 0.228 ug/l

RT: 6.76 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

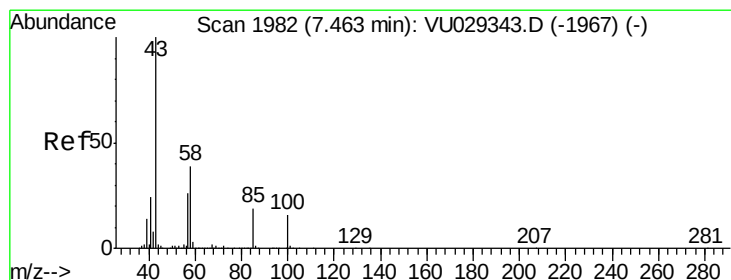
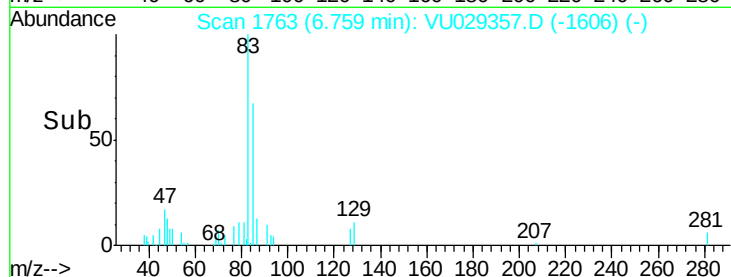
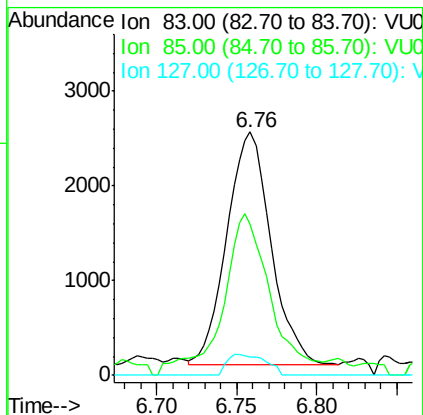
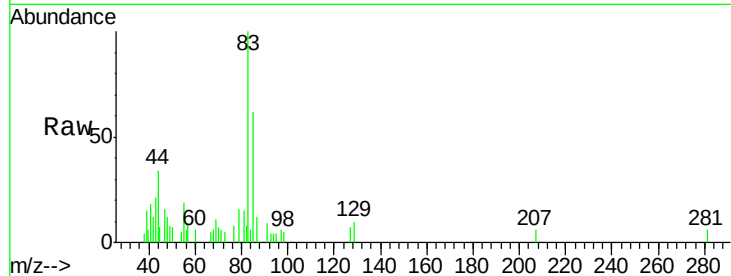
ClientSampleId :

MDL03

Tot Ion:	83	Resp:	4586
Ion	Ratio	Lower	Upper
83	100		
85	57.7	49.2	73.8
127	7.7	7.0	10.6

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#45

4-Methyl-2-Pentanone

Concen: 1.054 ug/l

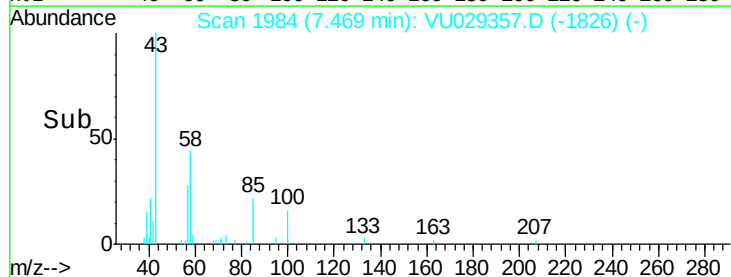
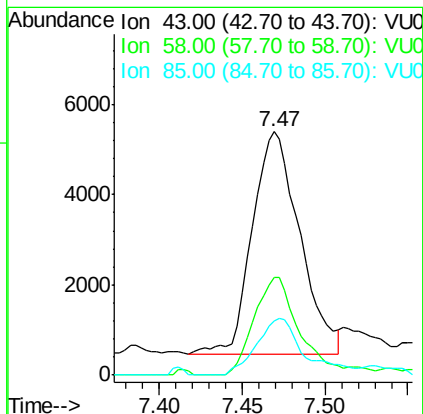
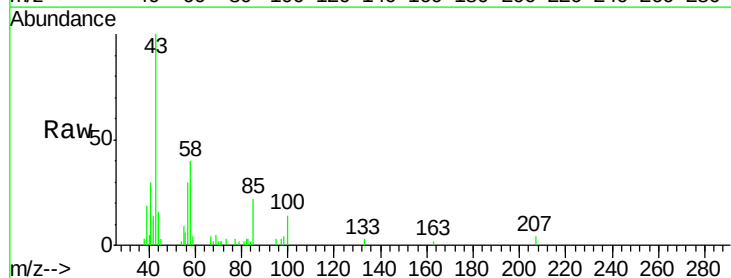
RT: 7.47 min Scan# 1984

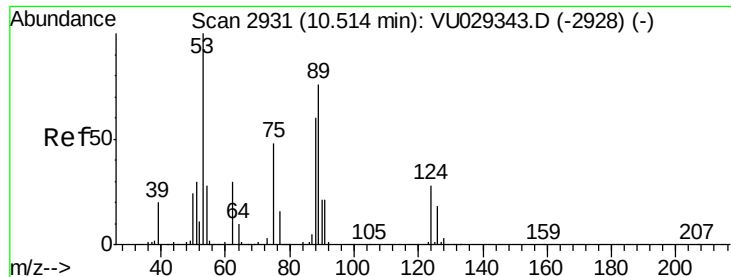
Delta R.T. 0.01 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Tgt Ion:	43	Resp:	9776
Ion	Ratio	Lower	Upper
43	100		
58	41.7	17.6	52.8
85	25.8	12.3	18.5#





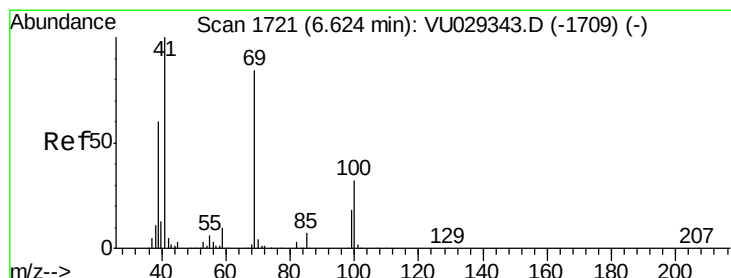
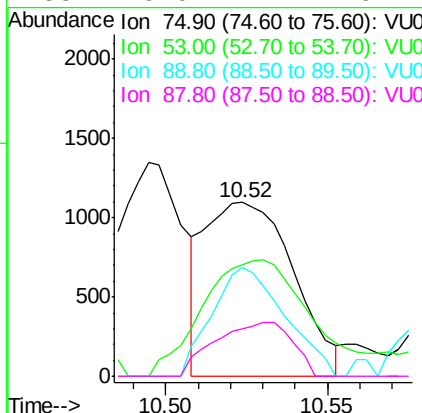
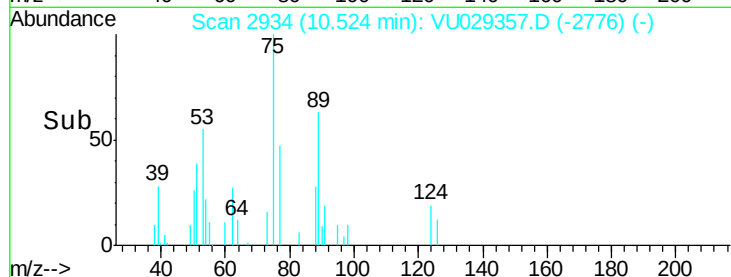
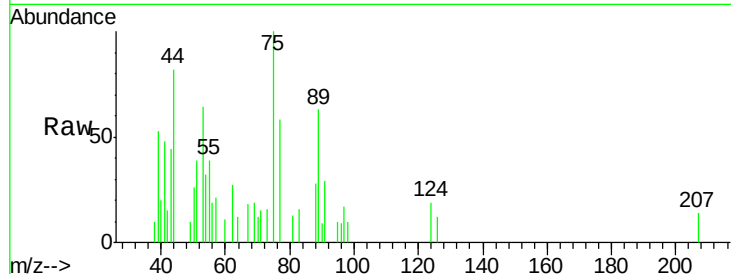
#46
t-1,4-Dichloro-2-butene
Concen: 0.464 ug/l m
RT: 10.52 min Scan# 2934
Delta R.T. 0.01 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
75	100		
53	4.3	78.2	117.4#
89	0.0	44.2	66.4#
88	0.0	41.4	62.2#

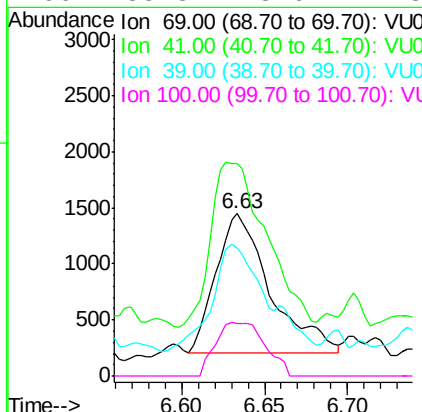
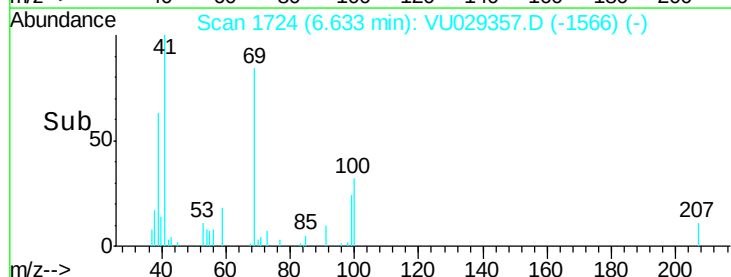
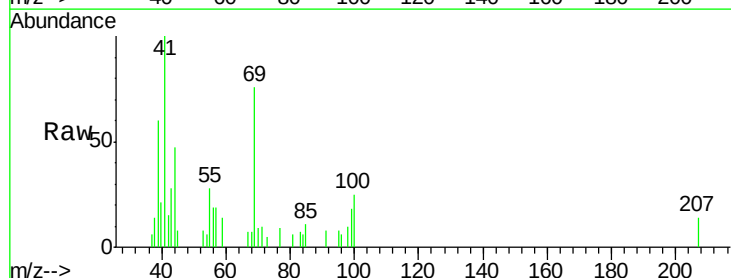
Manual Integrations
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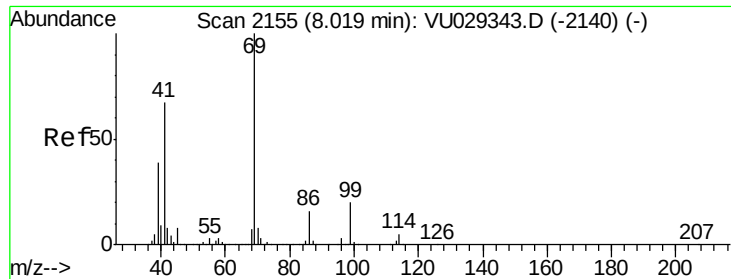
sam
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#47
Methyl methacrylate
Concen: 0.403 ug/l
RT: 6.63 min Scan# 1724
Delta R.T. 0.01 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	122.0	0.0	296.2
39	79.1	71.2	106.8
100	35.3	28.6	42.8





#48

Ethyl methacrylate

Concen: 0.193 ug/l

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tot Ion: 69 Resp: 2879

Ion Ratio Lower Upper

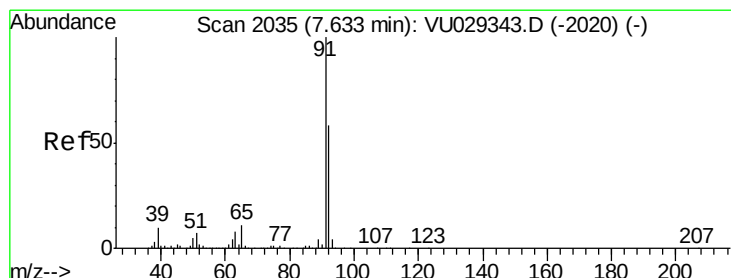
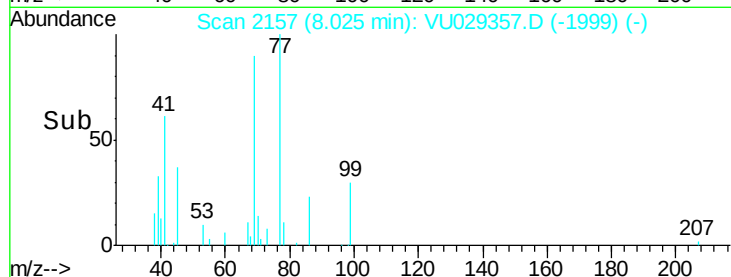
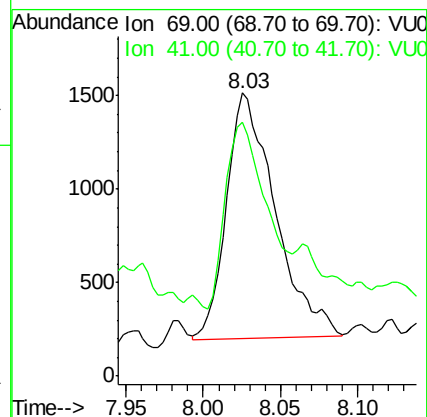
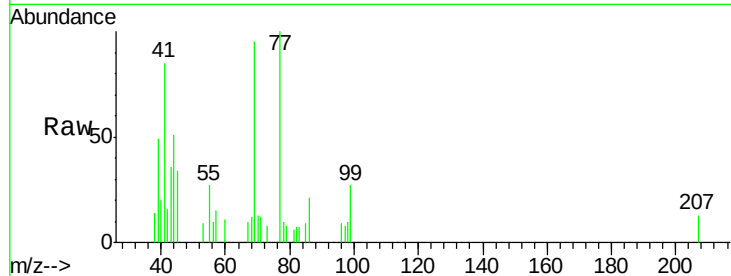
69 100

41 65.9 39.9 119.7

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#49

Toluene

Concen: 0.233 ug/l

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029357.D

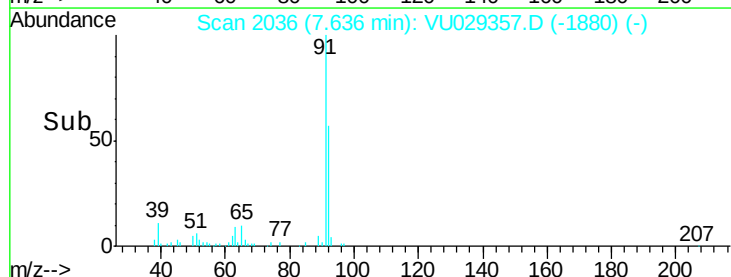
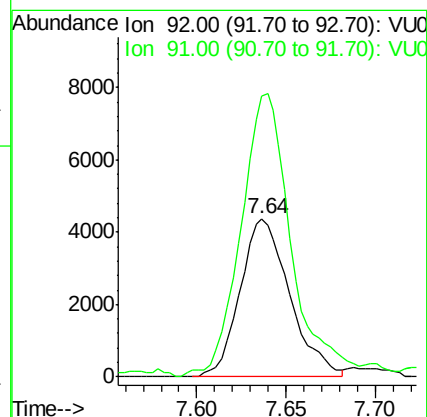
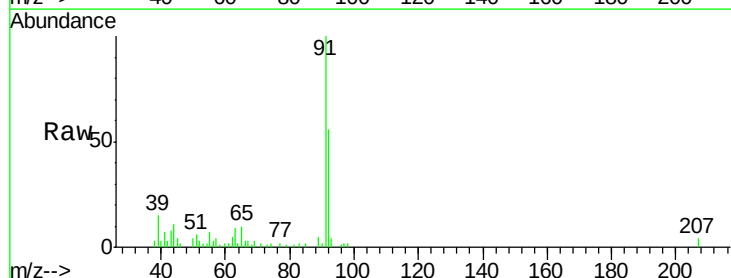
Acq: 06 Feb 2019 11:19

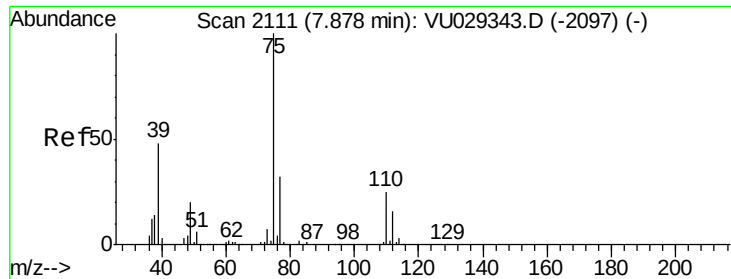
Tgt Ion: 92 Resp: 8498

Ion Ratio Lower Upper

92 100

91 181.3 140.7 211.1





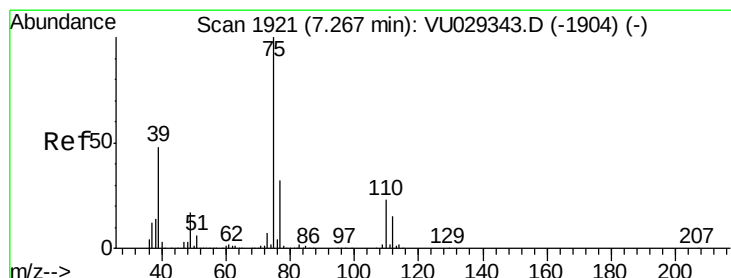
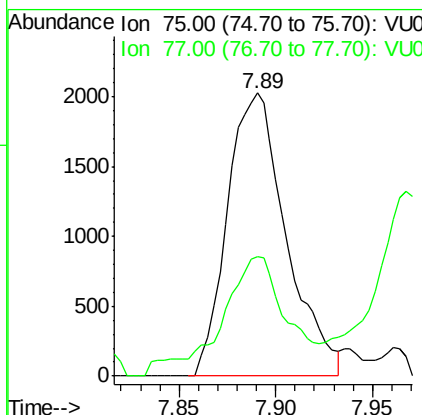
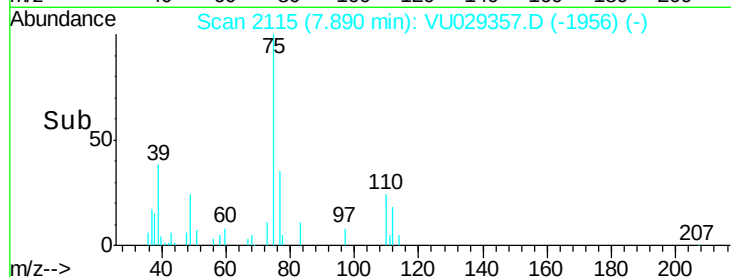
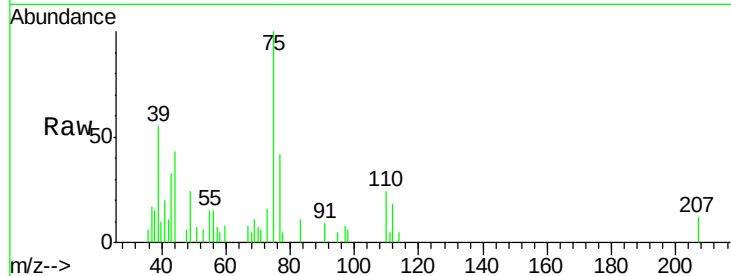
#50
t-1,3-Dichloropropene
Concen: 0.216 ug/l
RT: 7.89 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tot Ion: 75 Resp: 4276
Ion Ratio Lower Upper
75 100
77 36.0 23.6 35.4#

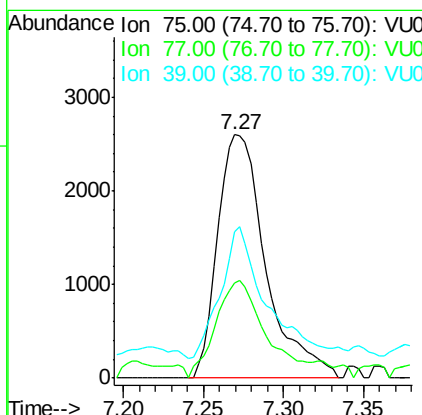
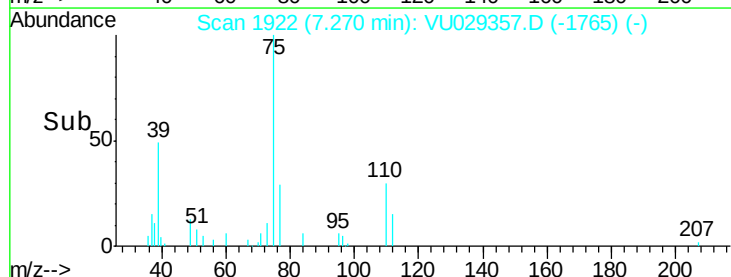
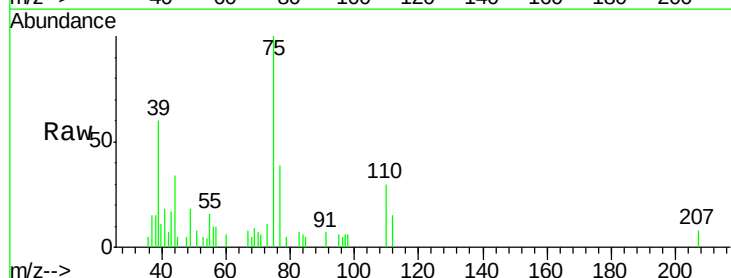
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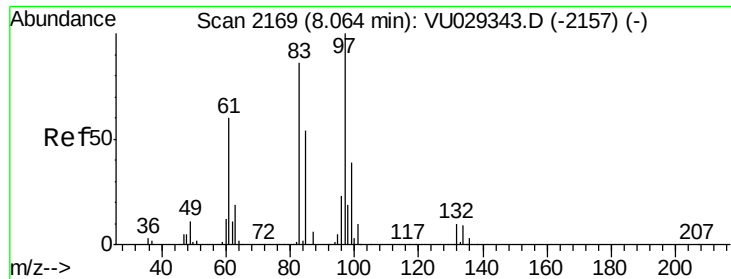
sam
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#51
cis-1,3-Dichloropropene
Concen: 0.228 ug/l
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion: 75 Resp: 5353
Ion Ratio Lower Upper
75 100
77 39.1 24.9 37.3#
39 52.0 47.2 70.8





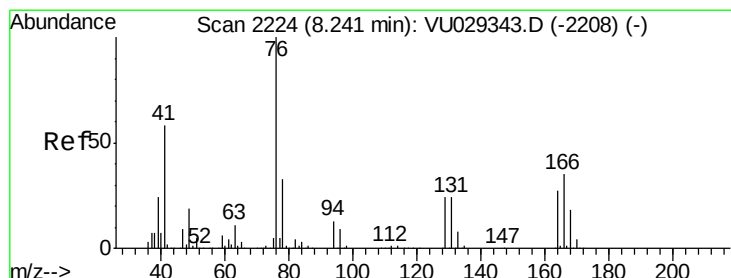
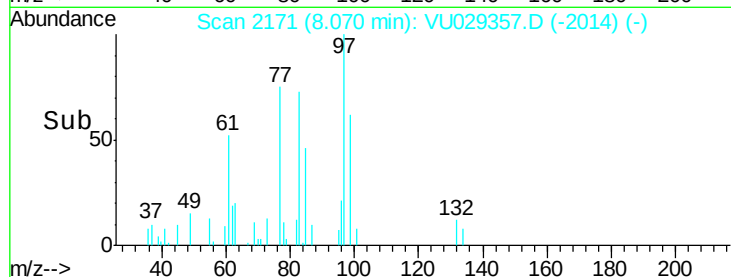
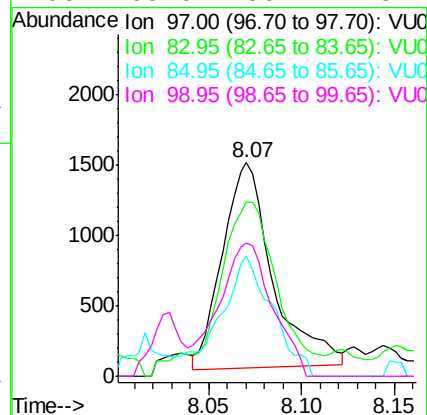
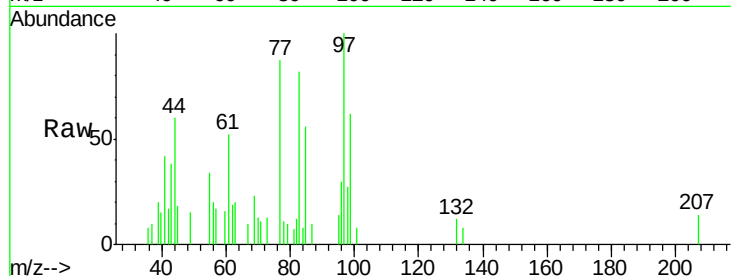
#52
1,1,2-Trichloroethane
Concen: 0.264 ug/l
RT: 8.07 min Scan# 2171
Delta R.T. 0.01 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tot Ion:	97	Resp:	2766
Ion	Ratio	Lower	Upper
97	100		
83	78.8	69.9	104.9
85	62.1	45.8	68.6
99	69.0	50.2	75.2

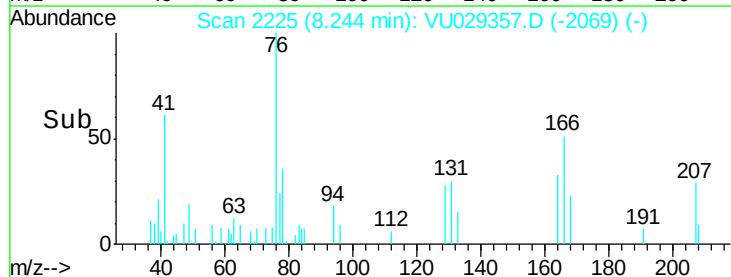
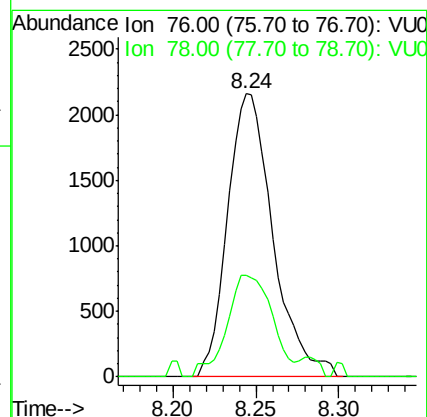
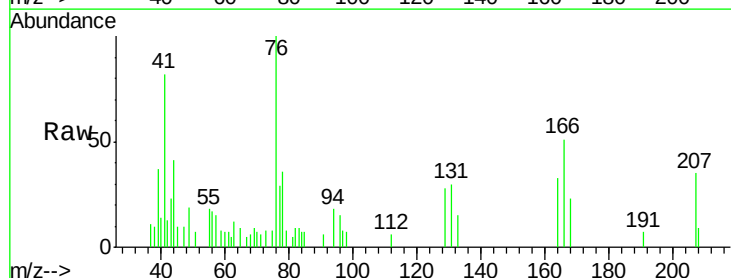
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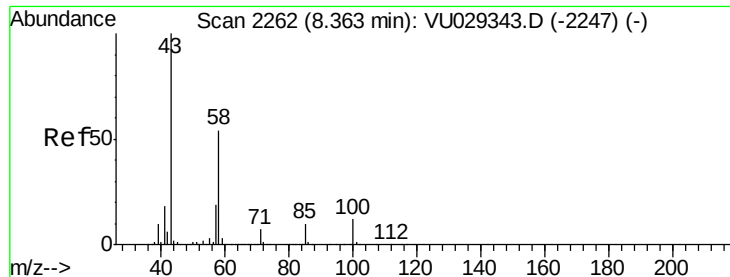
sam
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#53
1,3-Dichloropropane
Concen: 0.223 ug/l
RT: 8.24 min Scan# 2225
Delta R.T. 0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion:	76	Resp:	4108
Ion	Ratio	Lower	Upper
76	100		
78	35.8	26.3	39.5





#54

2-Hexanone

Concen: 1.114 ug/l

RT: 8.38 min Scan# 2266

Delta R.T. 0.01 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

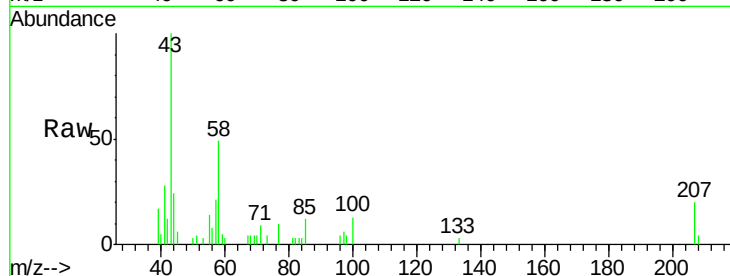
ClientSampled :

MDL03

Tot Ion:	43	Resp:	7239
Ion	Ratio	Lower	Upper
43	100		
58	56.7	26.0	66.0
57	16.0	0.0	37.7

Manual Integrations
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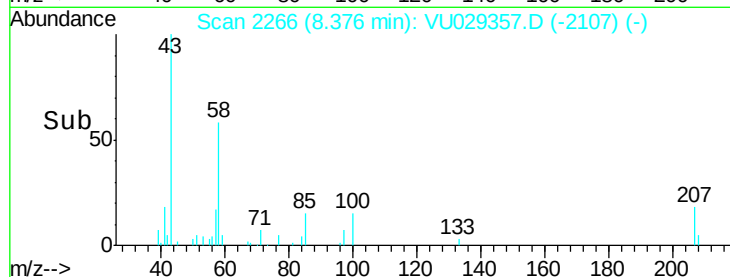


Abundance Ion 43.00 (42.70 to 43.70): VU029343.D (-2247) (-)

Ion 58.00 (57.70 to 58.70): VU029343.D (-2247) (-)

Ion 57.00 (56.70 to 57.70): VU029343.D (-2247) (-)

Time-->



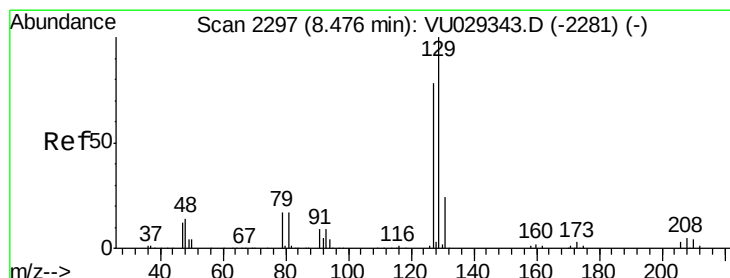
Abundance

Ion 43.00 (42.70 to 43.70): VU029357.D (-2107) (-)

Ion 58.00 (57.70 to 58.70): VU029357.D (-2107) (-)

Ion 57.00 (56.70 to 57.70): VU029357.D (-2107) (-)

Time-->



#55

Dibromochloromethane

Concen: 0.230 ug/l

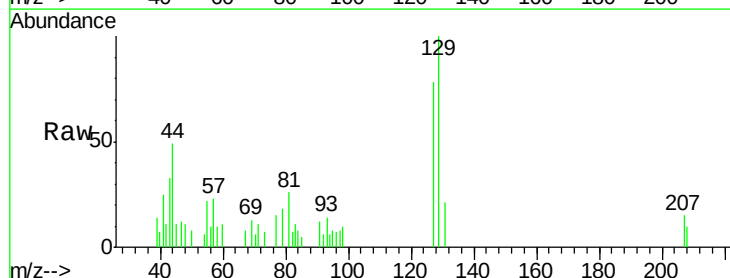
RT: 8.48 min Scan# 2297

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

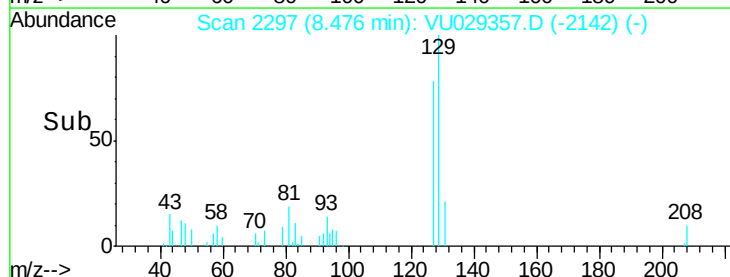
Tgt Ion:	129	Resp:	3418
Ion	Ratio	Lower	Upper
129	100		
127	72.5	60.5	90.7



Abundance Ion 129.00 (128.70 to 129.70): VU029343.D (-2281) (-)

Ion 127.00 (126.70 to 127.70): VU029343.D (-2281) (-)

Time-->

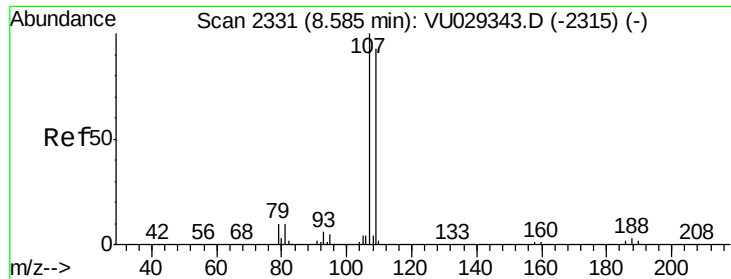


Abundance

Ion 129.00 (128.70 to 129.70): VU029357.D (-2142) (-)

Ion 127.00 (126.70 to 127.70): VU029357.D (-2142) (-)

Time-->



#56

1,2-Dibromoethane

Concen: 0.246 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampled :

MDL03

Tot Ion:107 Resp: 2643

Ion Ratio Lower Upper

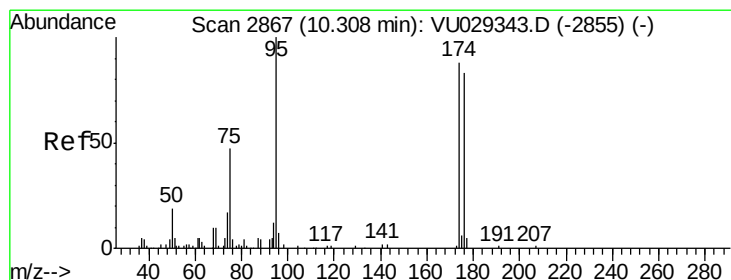
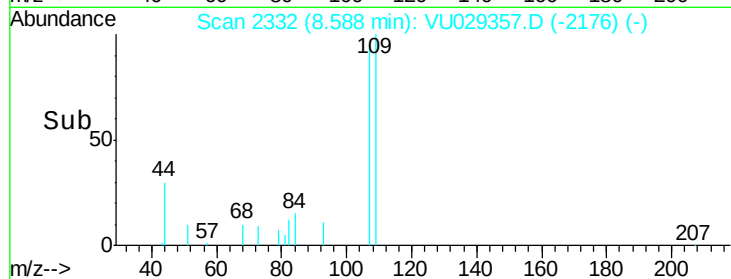
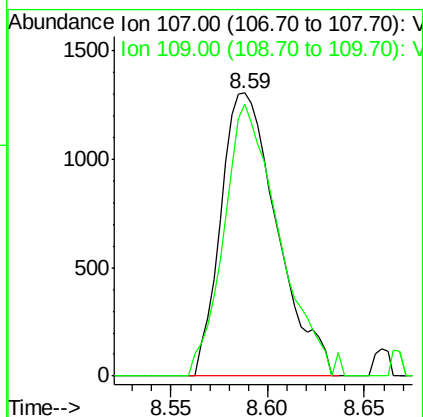
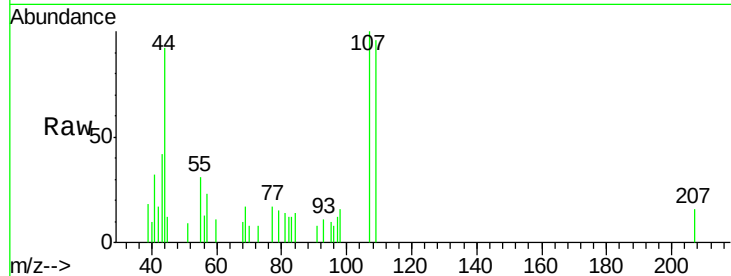
107 100

109 94.6 0.0 189.6

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#57

4-Bromofluorobenzene

Concen: 0.246 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

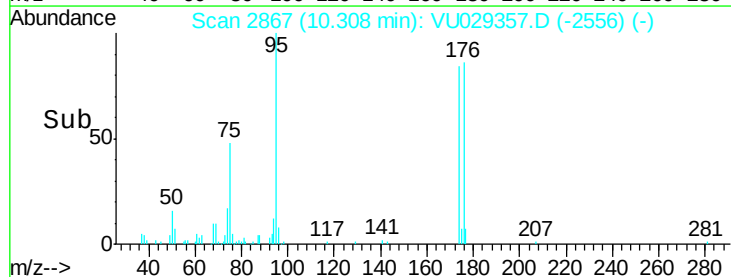
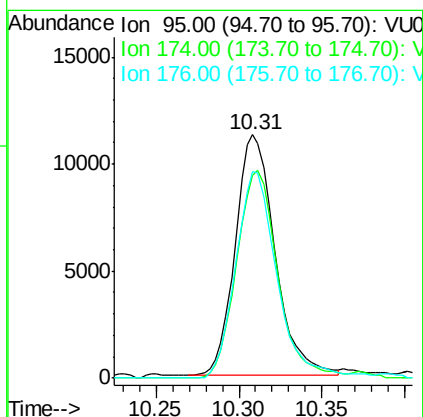
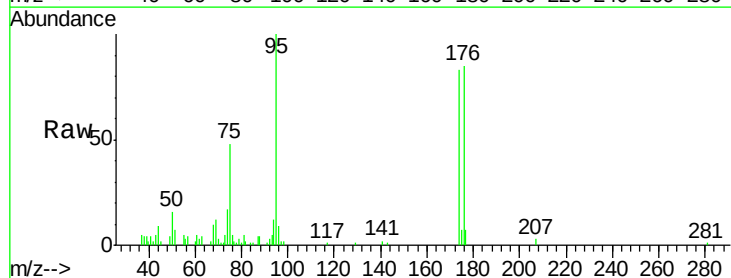
Tgt Ion: 95 Resp: 18786

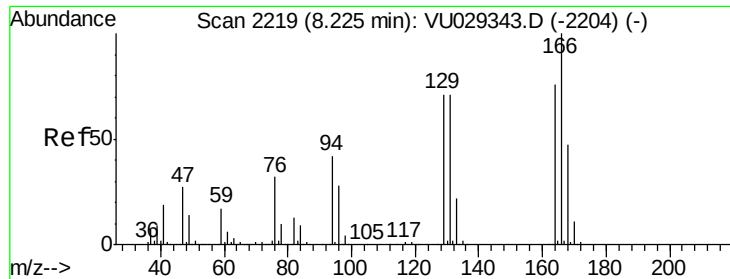
Ion Ratio Lower Upper

95 100

174 89.2 64.2 96.2

176 89.1 62.3 93.5





#58

Tetrachloroethene

Concen: 0.263 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tot Ion:164 Resp: 3999

Ion Ratio Lower Upper

164 100

166 117.4 106.6 159.8

129 91.8 79.9 119.9

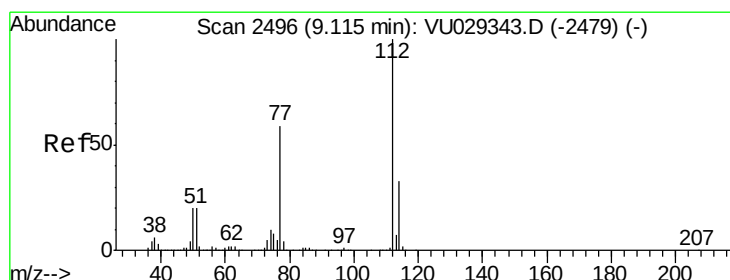
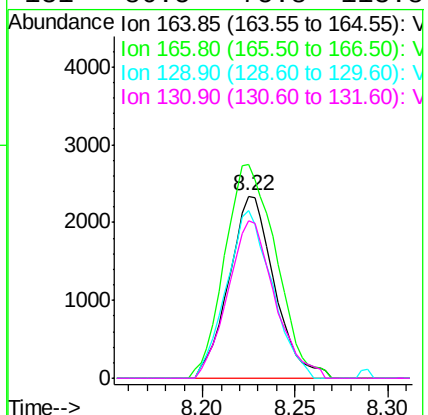
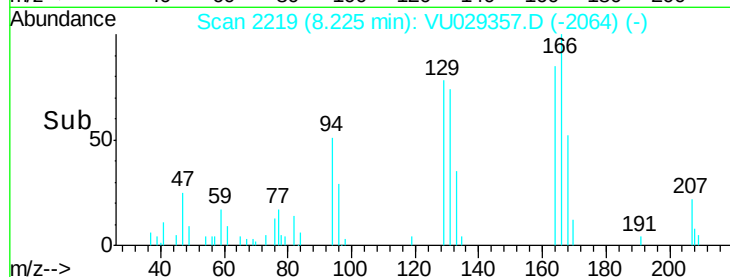
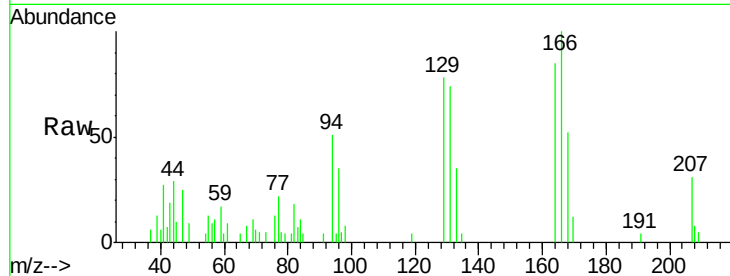
131 86.5 75.8 113.8

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#59

Chlorobenzene

Concen: 0.231 ug/l

RT: 9.12 min Scan# 2498

Delta R.T. 0.01 min

Lab File: VU029357.D

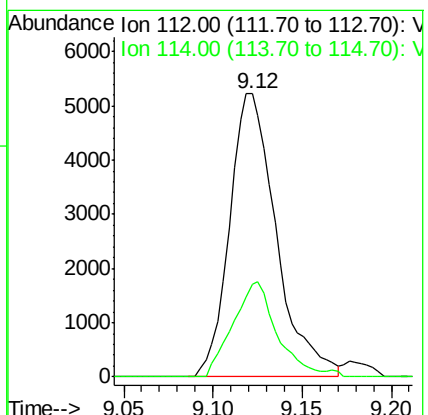
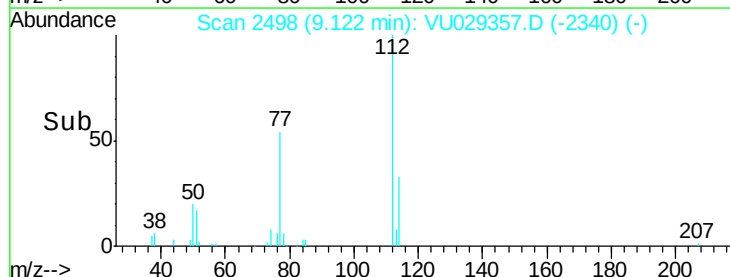
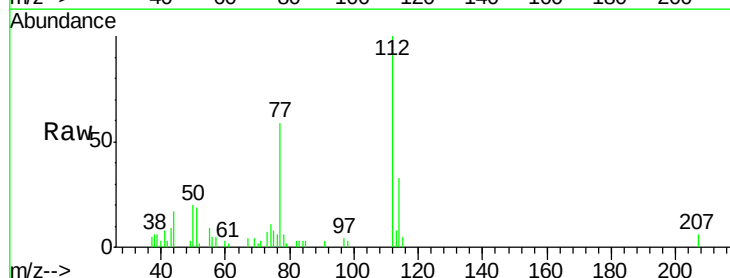
Acq: 06 Feb 2019 11:19

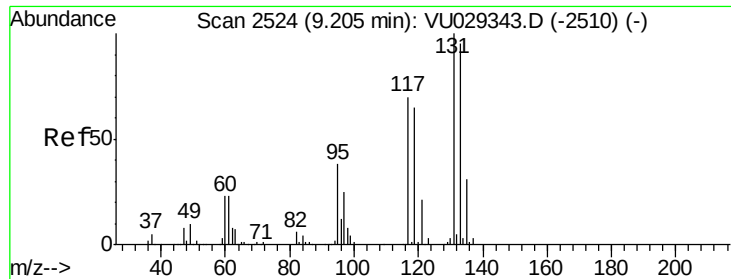
Tgt Ion:112 Resp: 9517

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.4





#60

1,1,1,2-Tetrachloroethane

Concen: 0.235 ug/l

RT: 9.21 min Scan# 2525

Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

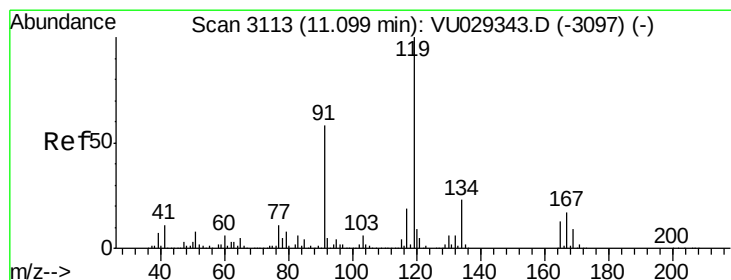
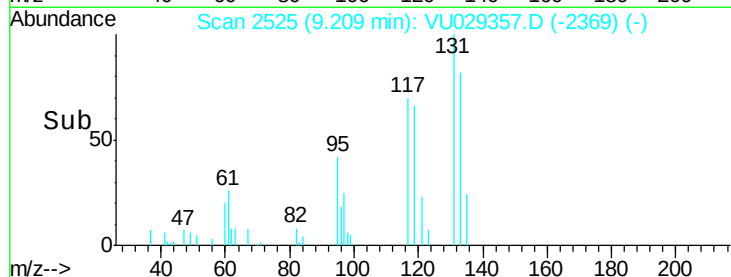
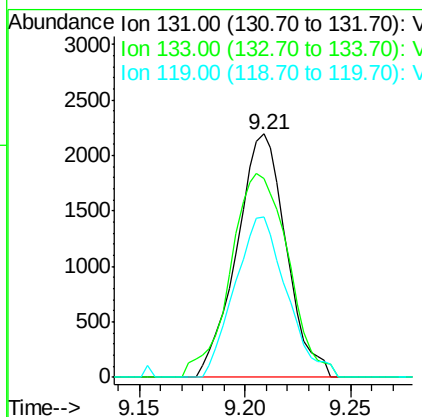
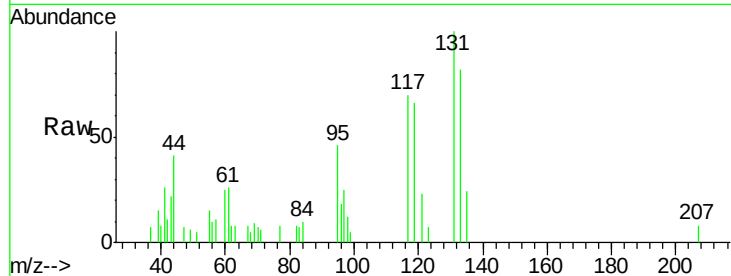
ClientSampleId :

MDL03

Tot Ion:	131	Resp:	3577
Ion	Ratio	Lower	Upper
131	100		
133	97.4	77.3	115.9
119	69.1	48.9	73.3

Manual Integrations
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#61

Pentachloroethane

Concen: 0.240 ug/l

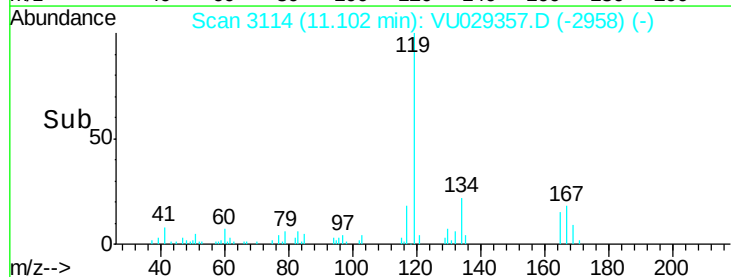
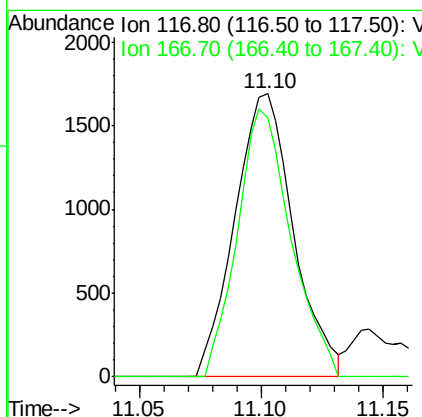
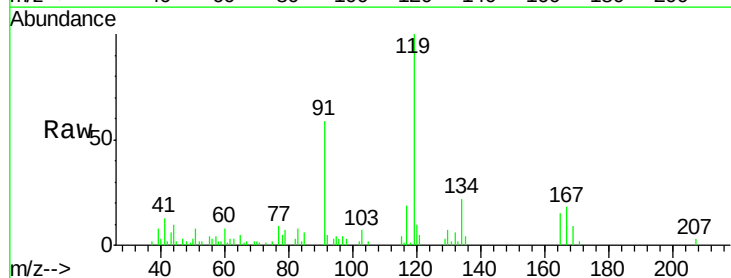
RT: 11.10 min Scan# 3114

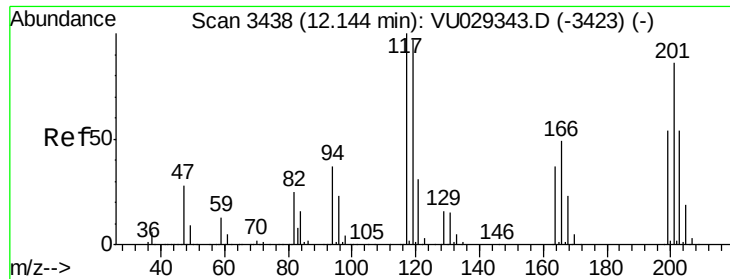
Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Tgt Ion:	117	Resp:	2821
Ion	Ratio	Lower	Upper
117	100		
167	86.4	65.9	98.9





#62

Hexachloroethane

Concen: 0.215 ug/l

RT: 12.14 min Scan# 3438

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tot Ion:117 Resp: 2768

Ion Ratio Lower Upper

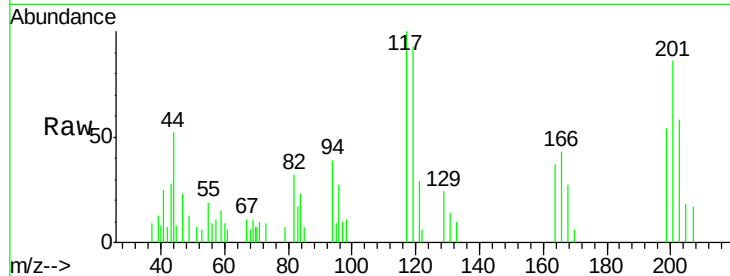
117 100

201 95.1 68.2 102.2

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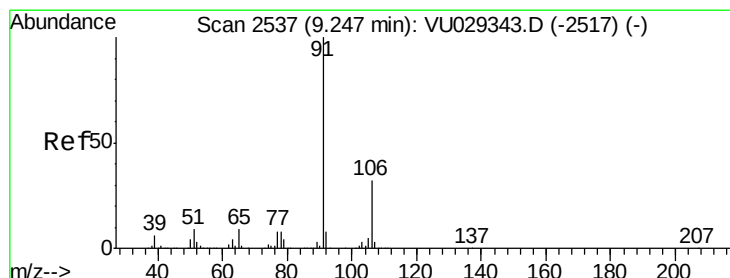
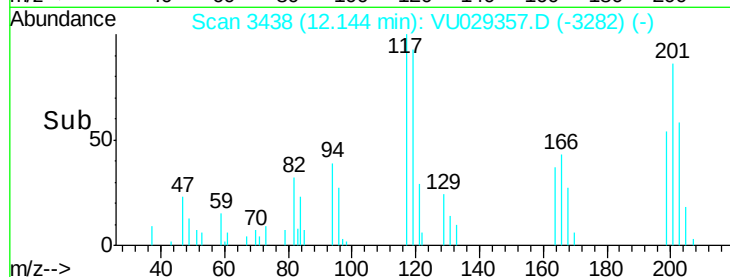
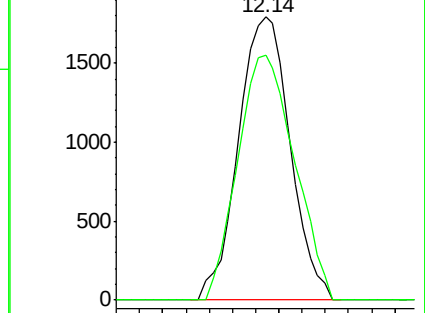
sam

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 0.244 ug/l

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU029357.D

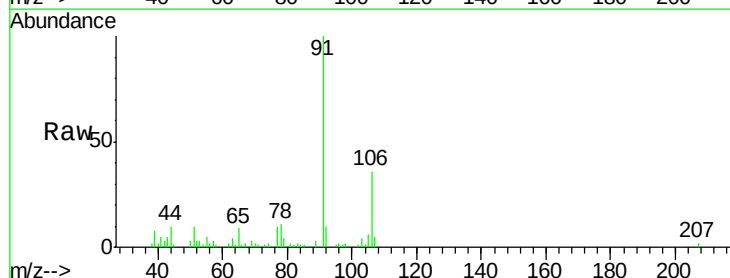
Acq: 06 Feb 2019 11:19

Tgt Ion: 91 Resp: 17394

Ion Ratio Lower Upper

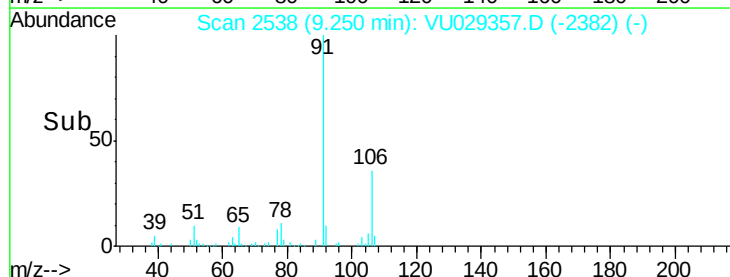
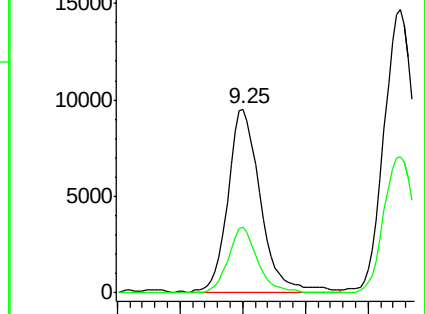
91 100

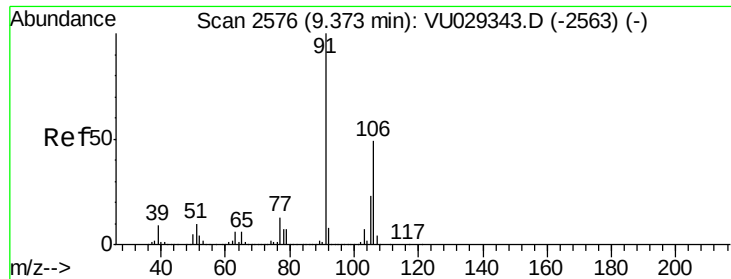
106 36.0 23.8 35.6#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 0.465 ug/l

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampled :

MDL03

Tot Ion:106 Resp: 12911

Ion Ratio Lower Upper

106 100

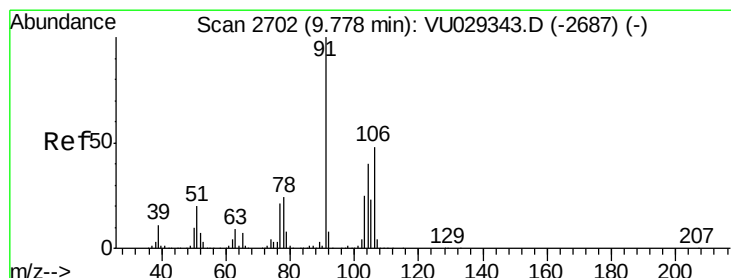
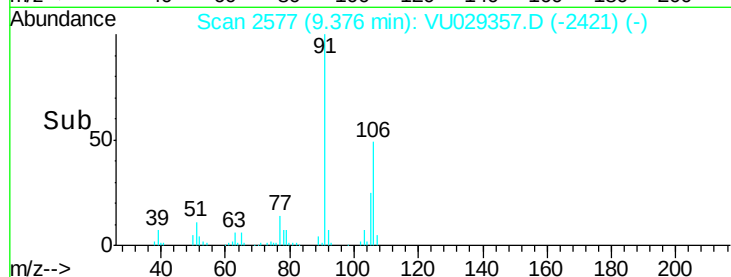
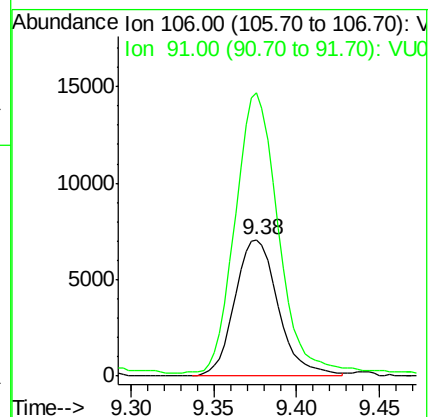
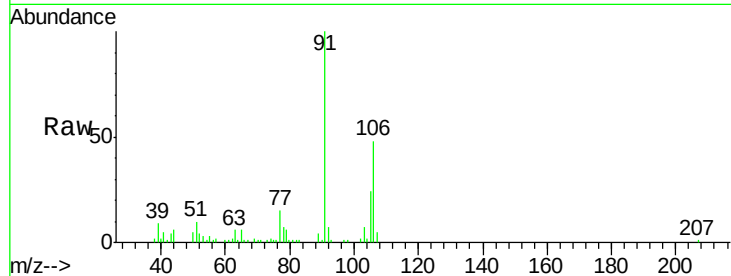
91 206.9 174.6 261.8

Manual Integrations

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#65

o-Xylene

Concen: 0.232 ug/l

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VU029357.D

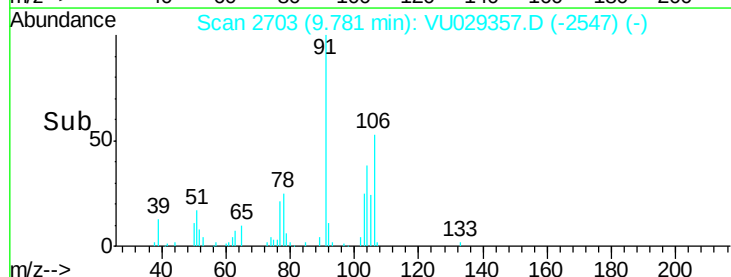
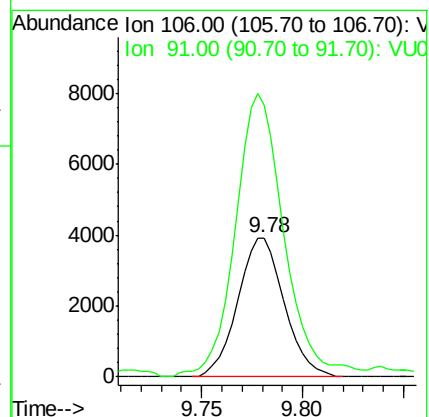
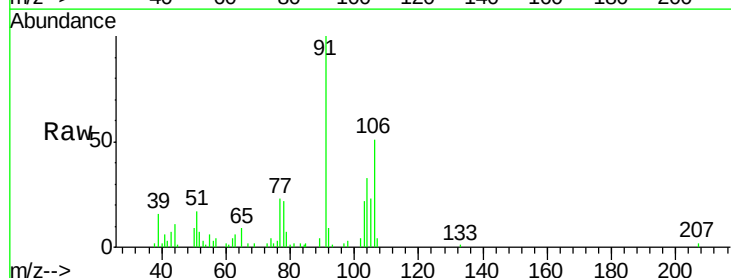
Acq: 06 Feb 2019 11:19

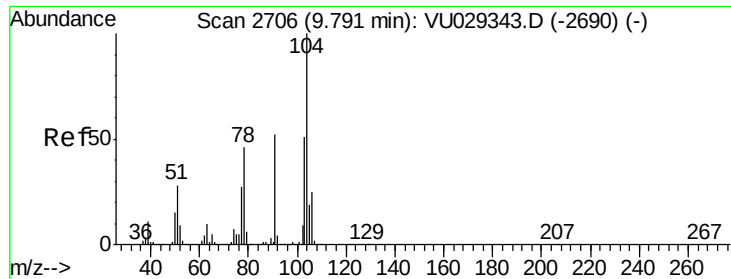
Tgt Ion:106 Resp: 6313

Ion Ratio Lower Upper

106 100

91 213.8 114.5 343.4





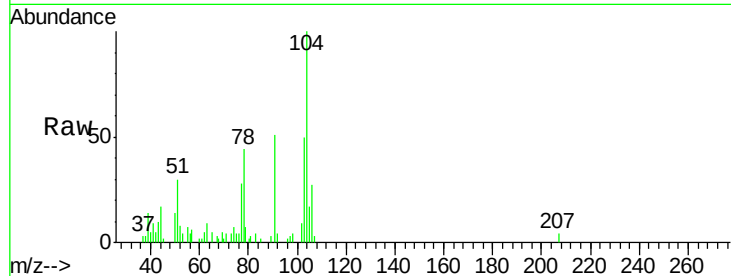
#66
Stvrene
Concen: 0.236 ug/l
RT: 9.79 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Instrument :
MSVOA_U
ClientSampled :
MDL03

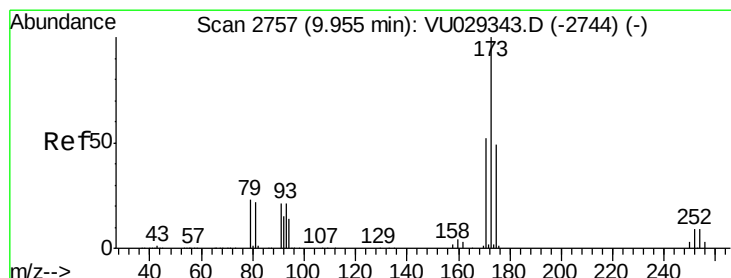
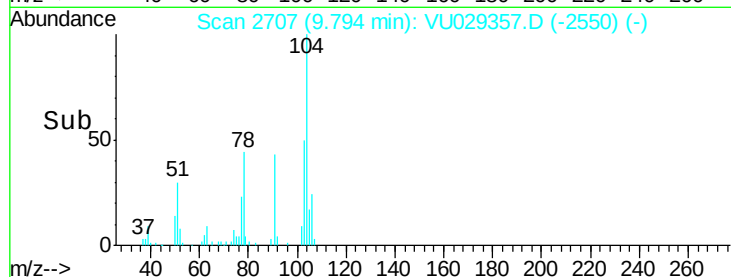
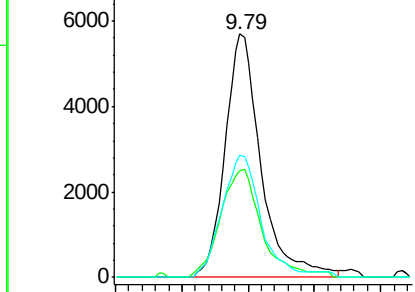
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.0	46.5	69.7
103	54.5	44.7	67.1

Manual Integrations
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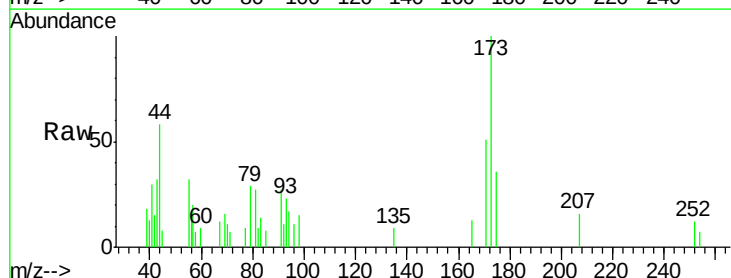


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

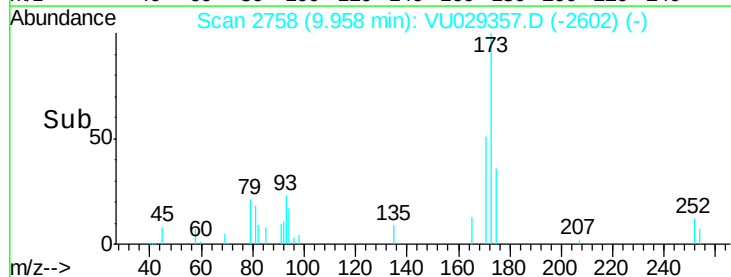
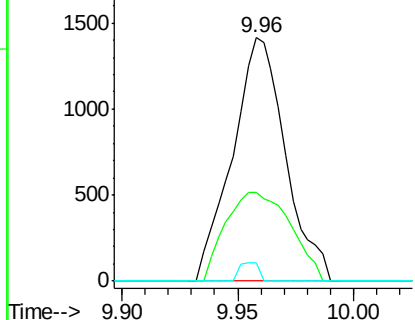


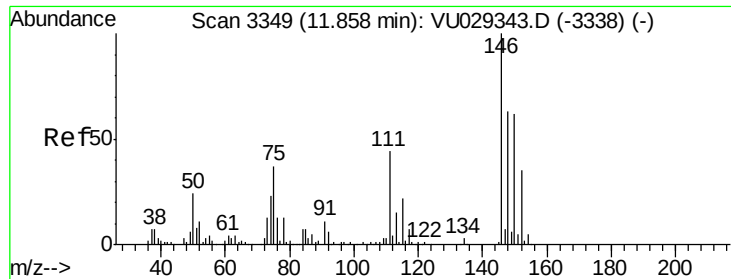
#67
Bromoform
Concen: 0.243 ug/l
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU029357.D
Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
173	100		
175	44.5	38.9	58.3
254	2.7	7.4	11.2#



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V





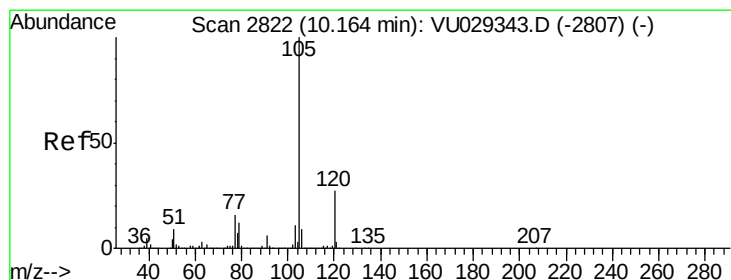
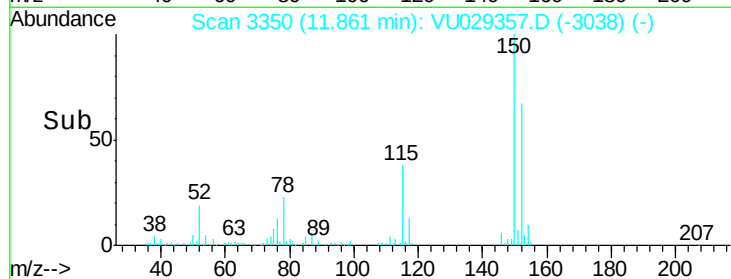
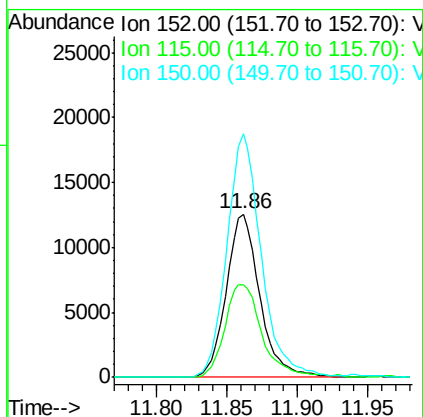
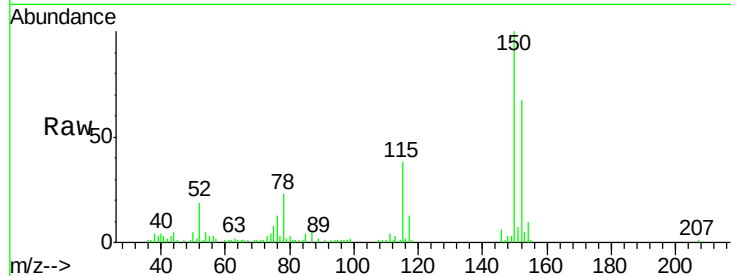
#68
 1,2-Dichlorobenzene-d4
 Concen: 0.243 ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Instrument :
 MSVOA_U
 ClientSampled :
 MDL03

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.4	0.0	133.4
150	153.0	0.0	670.8

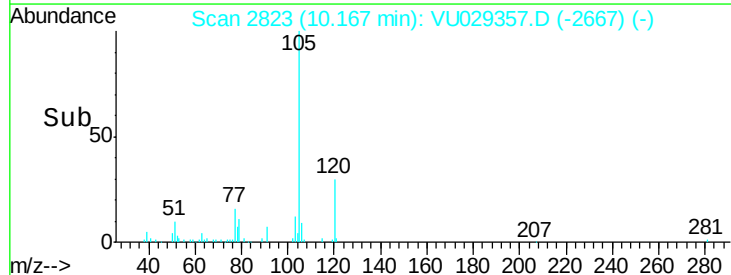
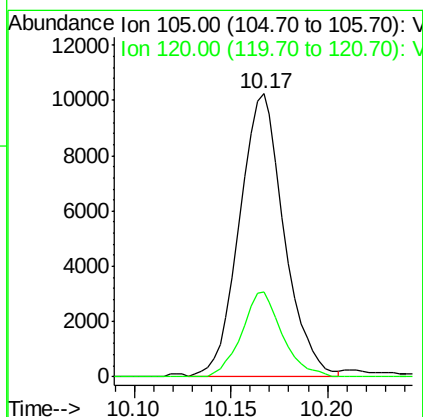
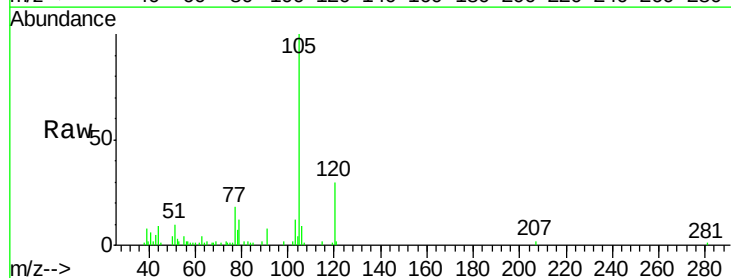
Manual Integrations
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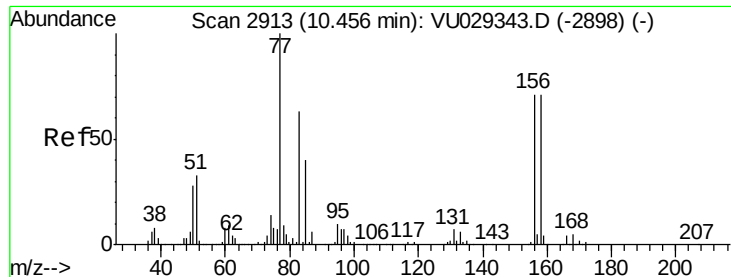
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#69
 Isopropylbenzene
 Concen: 0.226 ug/l
 RT: 10.17 min Scan# 2823
 Delta R.T. 0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	12.6	37.6





#70

1,1,2,2-Tetrachloroethane

Concen: 0.221 ug/l

RT: 10.46 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

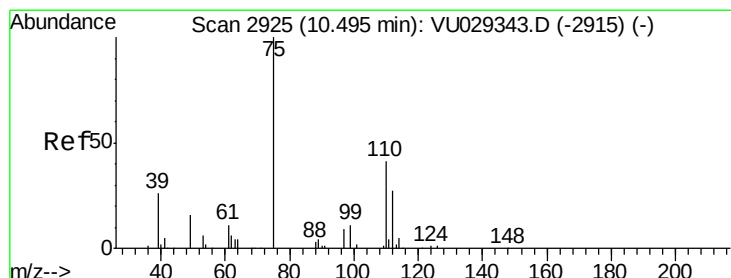
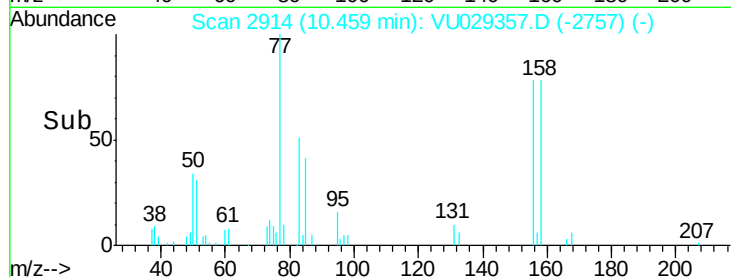
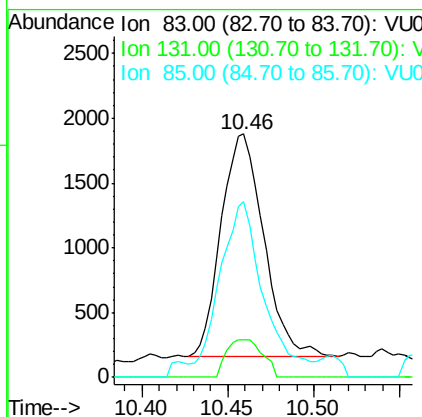
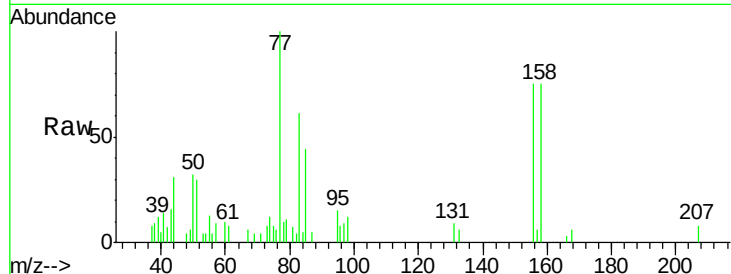
ClientSampled :

MDL03

Tot Ion:	83	Resp:	2961
Ion Ratio	Lower	Upper	
83	100		
131	14.2	8.1	12.1#
85	82.1	50.3	75.5#

Manual Integrations
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#71

1,2,3-Trichloropropane

Concen: 0.221 ug/l m

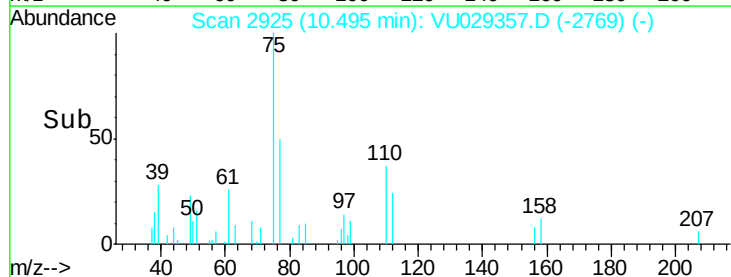
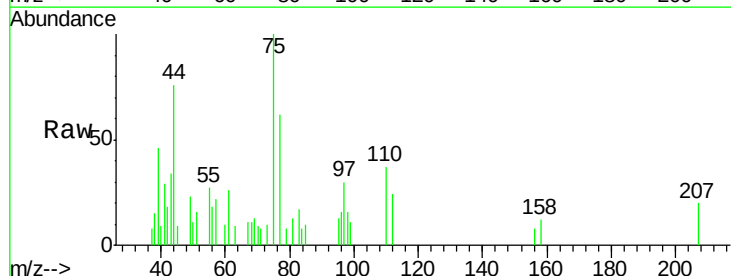
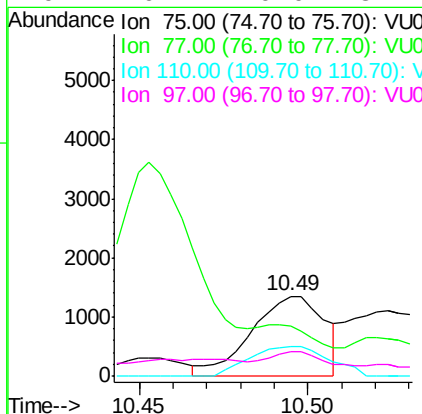
RT: 10.49 min Scan# 2925

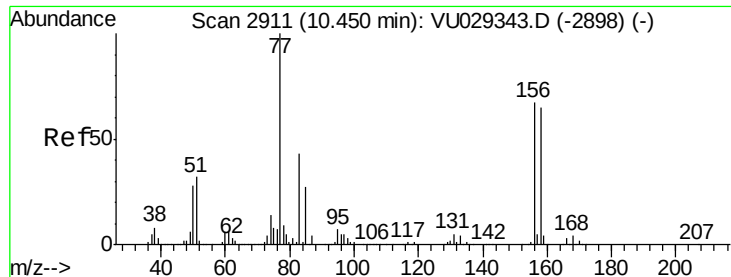
Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Tgt Ion:	75	Resp:	2037
Ion Ratio	Lower	Upper	
75	100		
77	35.1	0.0	0.0#
110	40.0	0.0	63.6
97	10.4	0.0	31.4





#72

Bromobenzene

Concen: 0.249 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.01 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

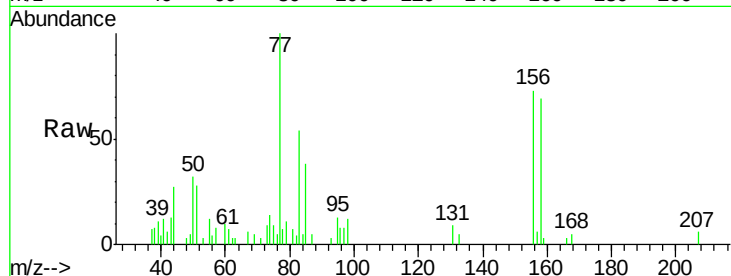
ClientSampleId :

MDL03

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.7	0.0	343.8
158	98.4	0.0	195.0

Manual Integrations
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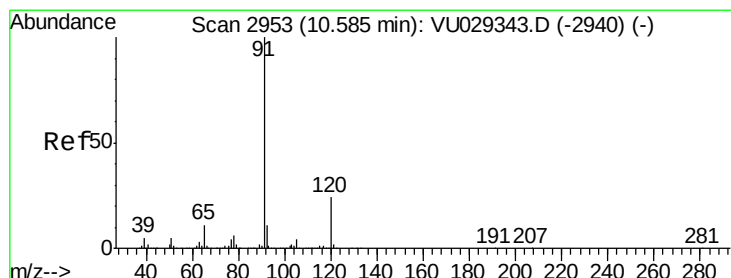
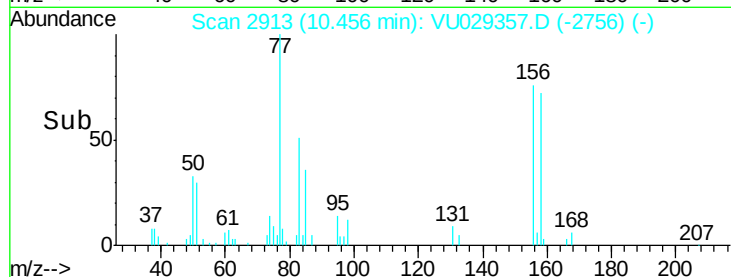
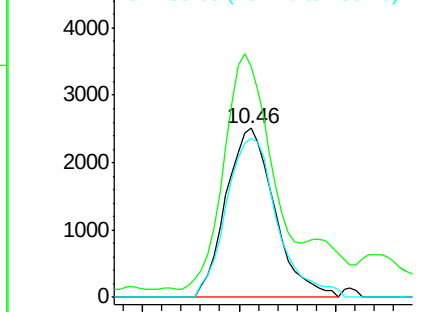


Abundance

Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 0.254 ug/l

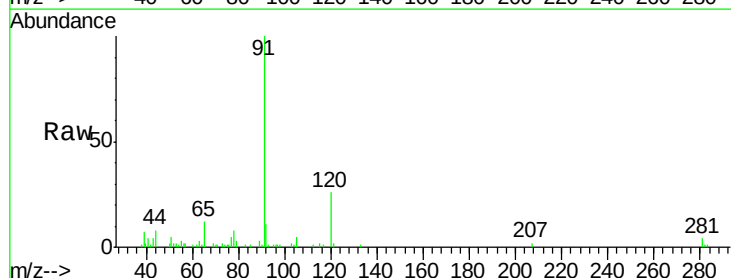
RT: 10.59 min Scan# 2954

Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

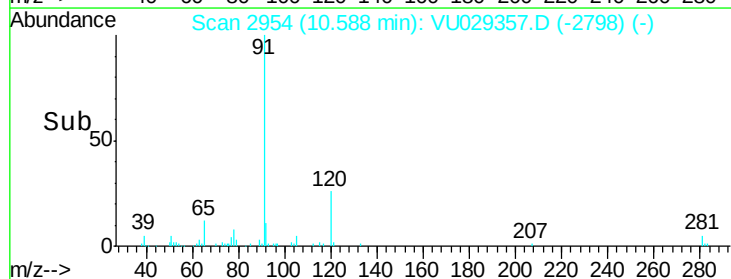
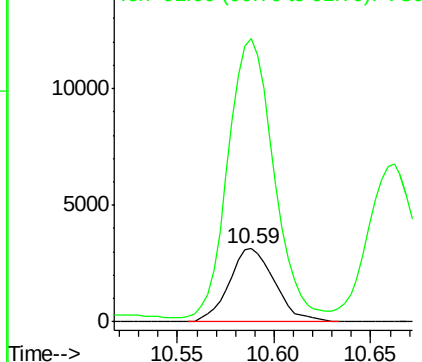
Tgt Ion	Ratio	Lower	Upper
120	100		
91	387.0	370.0	555.0

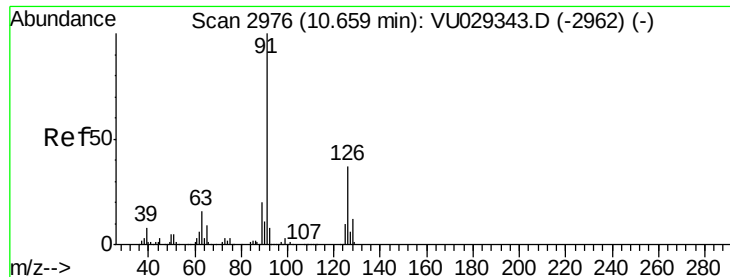


Abundance

Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 0.248 ug/l

RT: 10.67 min Scan# 2978

Delta R.T. 0.01 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampled :

MDL03

Tot Ion:126 Resp: 4279

Ion Ratio Lower Upper

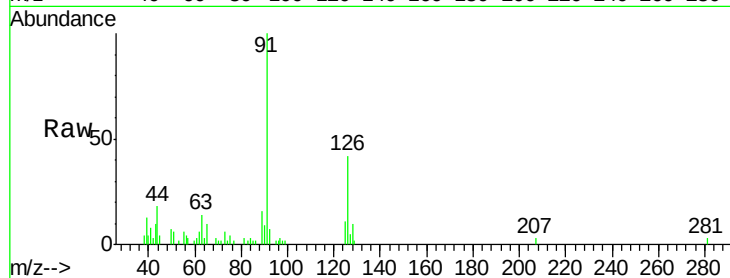
126 100

91 268.4 0.0 643.0

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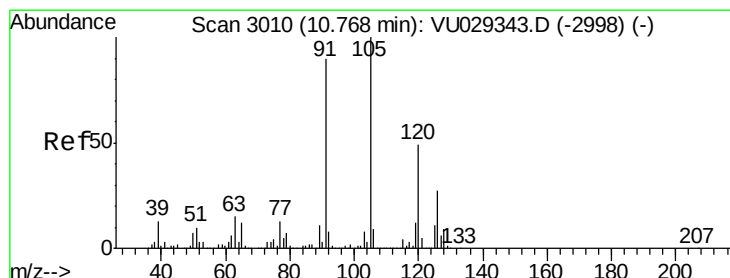
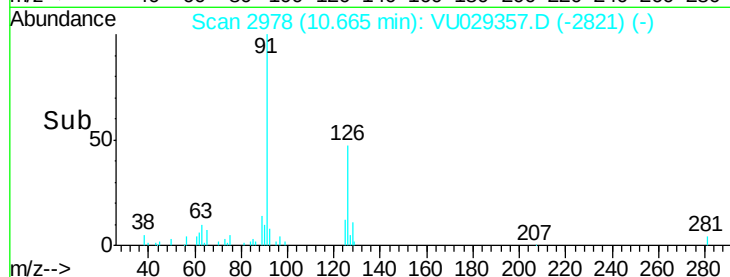
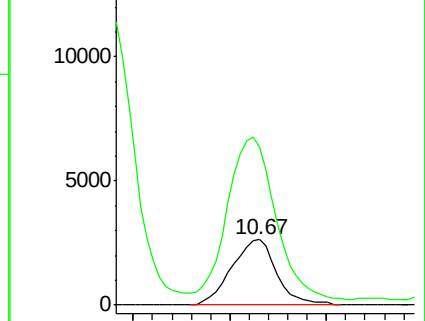
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Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 0.230 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029357.D

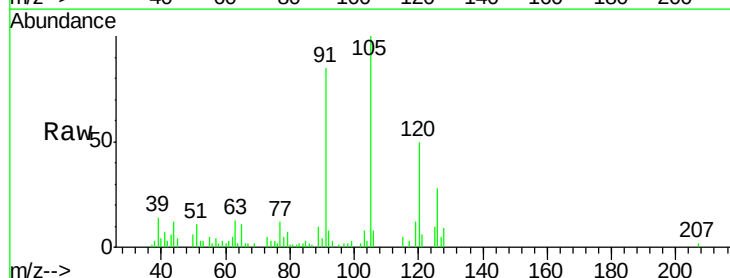
Acq: 06 Feb 2019 11:19

Tgt Ion:105 Resp: 14403

Ion Ratio Lower Upper

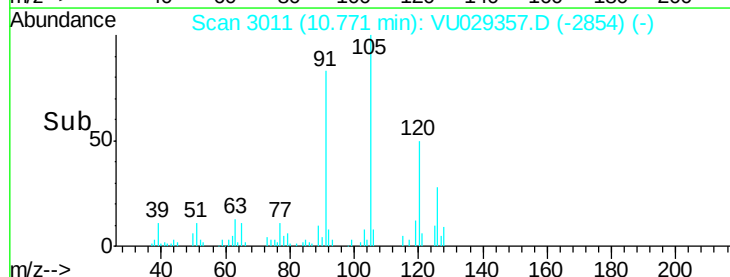
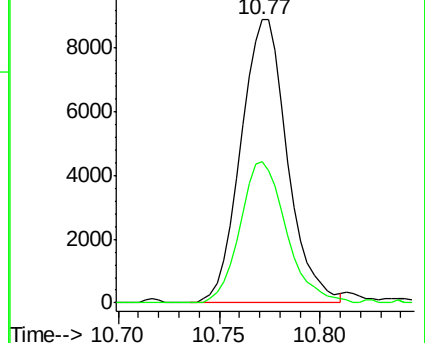
105 100

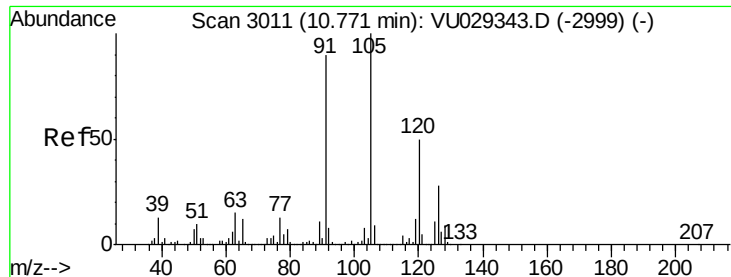
120 49.6 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

4-Chlorotoluene

Concen: 0.243 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tot Ion:126 Resp: 4347

Ion Ratio Lower Upper

126 100

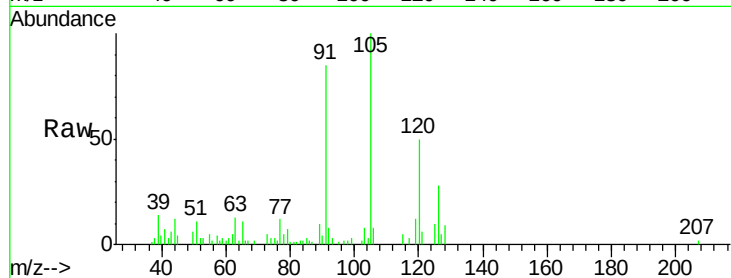
91 294.2 0.0 727.4

Manual Integrations

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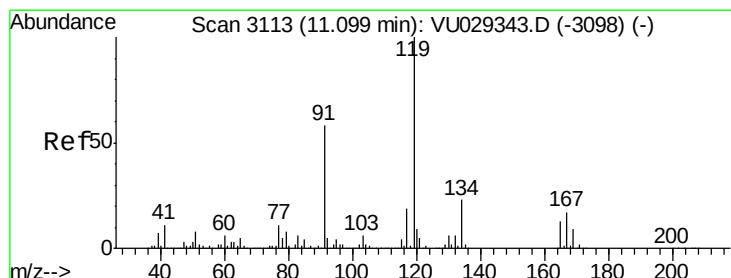
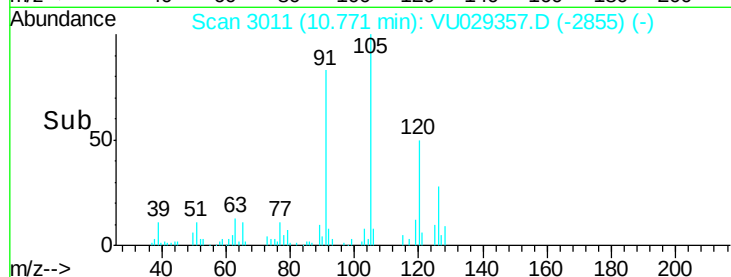
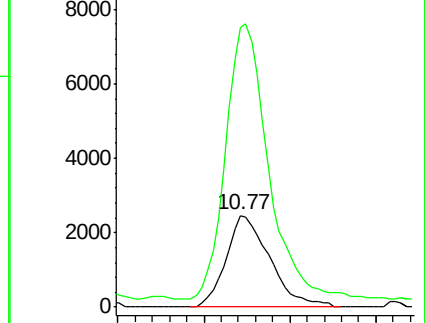
sam

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Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#77

tert-Butylbenzene

Concen: 0.234 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. -0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

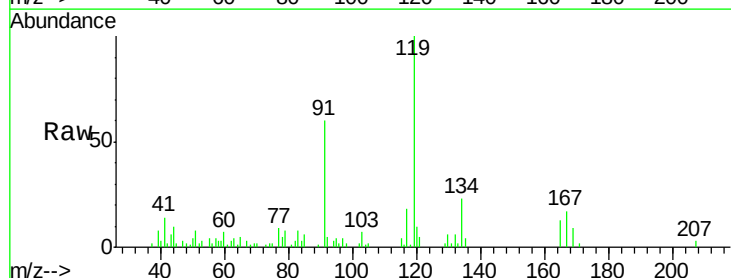
Tgt Ion:119 Resp: 14542

Ion Ratio Lower Upper

119 100

91 59.6 32.2 96.6

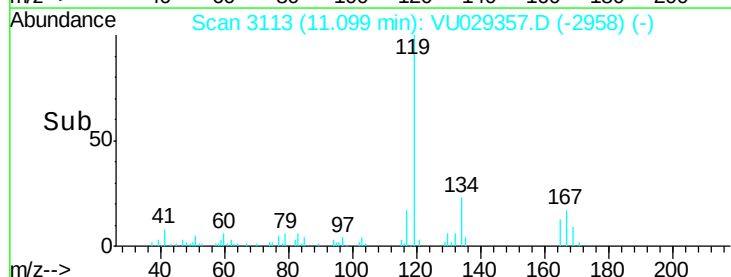
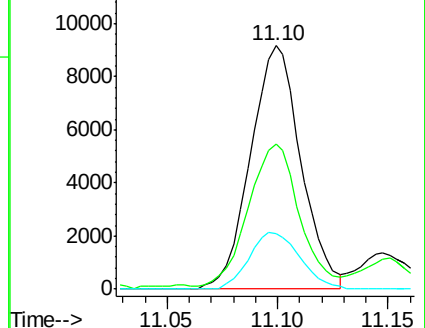
134 23.5 17.6 26.4

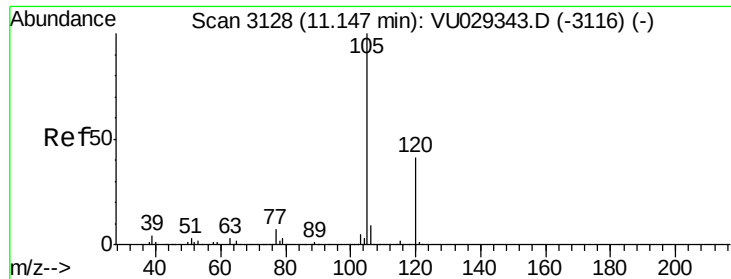


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V





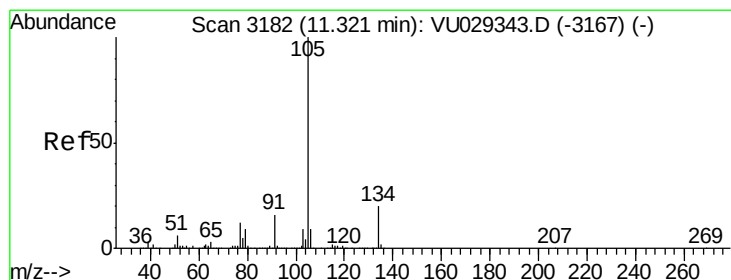
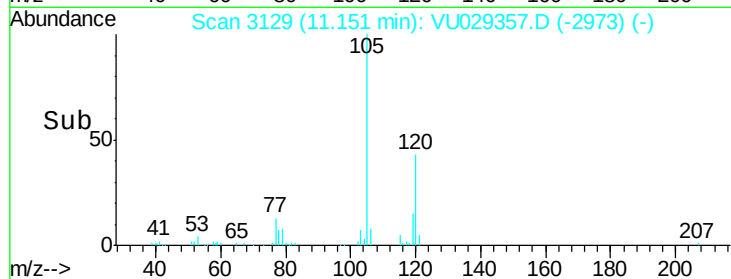
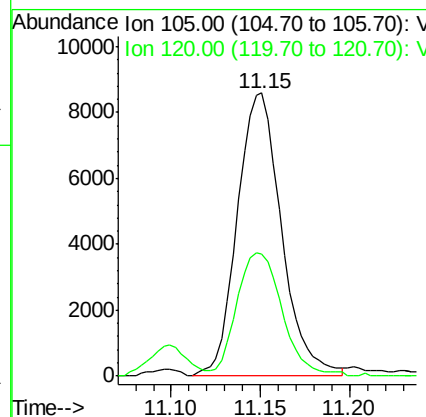
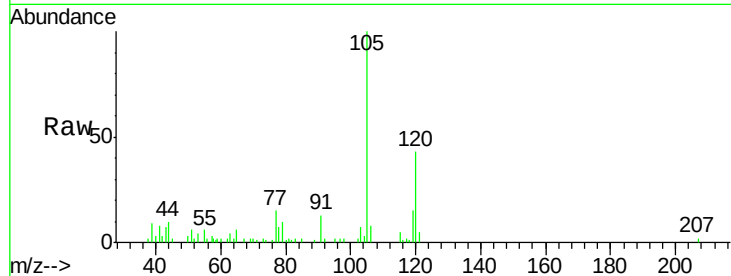
#78
 1,2,4-Trimethylbenzene
 Concen: 0.234 ug/l
 RT: 11.15 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.0	21.4	64.3

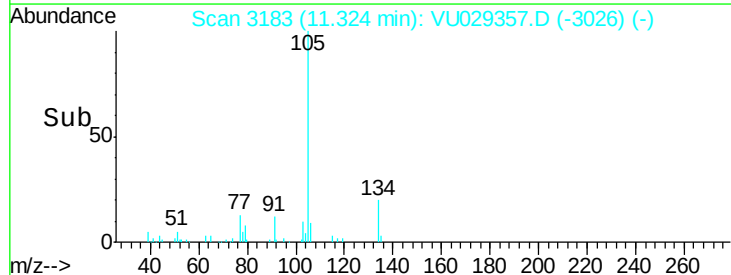
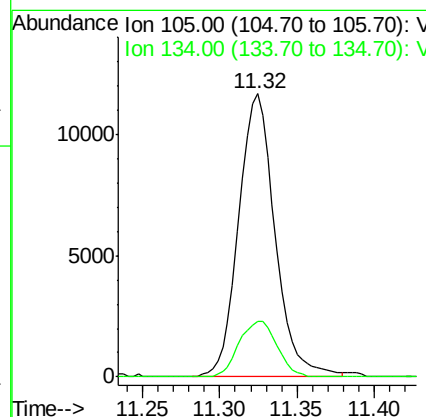
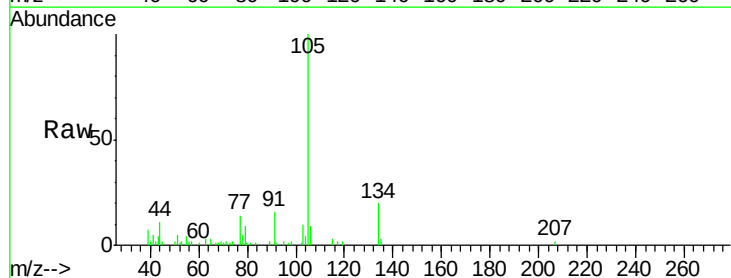
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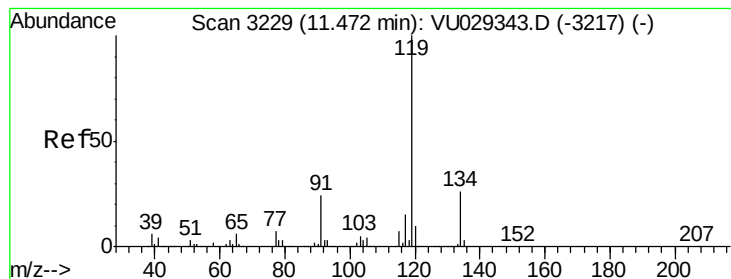
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#79
 sec-Butylbenzene
 Concen: 0.235 ug/l
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.5	15.0	22.6





#81

p-Isopropyltoluene

Concen: 0.231 ug/l

RT: 11.48 min Scan# 3230

Delta R.T. 0.00 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

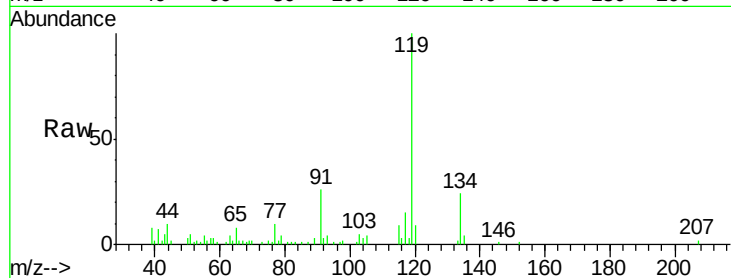
ClientSampled :

MDL03

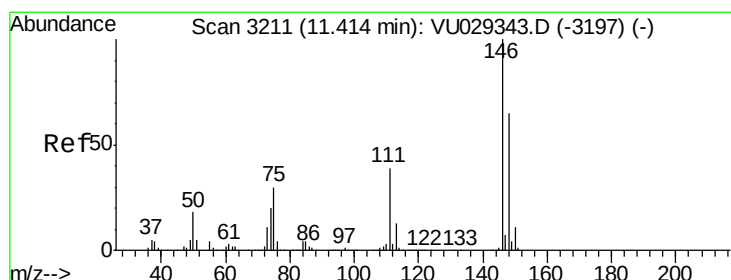
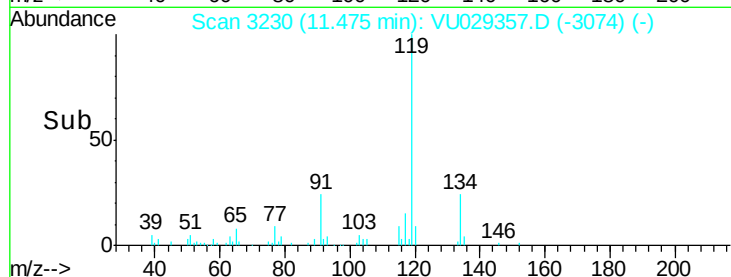
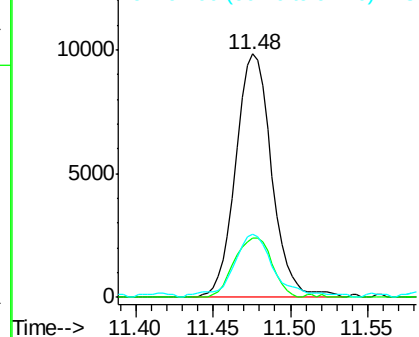
Tot Ion:	119	Resp:	15897
Ion Ratio	Lower	Upper	
119	100		
134	25.7	19.8	29.6
91	29.3	21.5	32.3

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#82

1,3-Dichlorobenzene

Concen: 0.242 ug/l

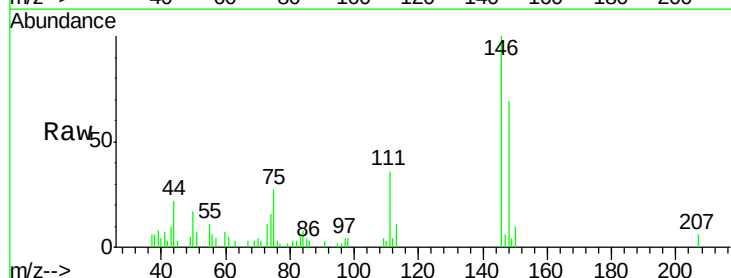
RT: 11.42 min Scan# 3213

Delta R.T. 0.01 min

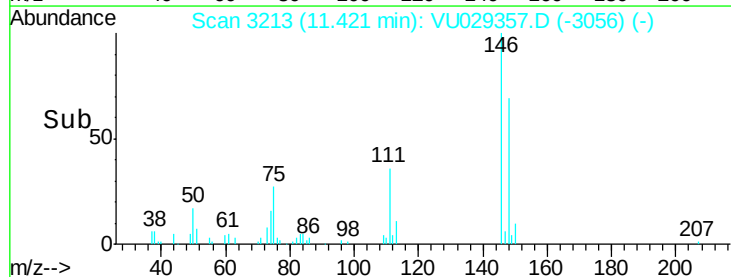
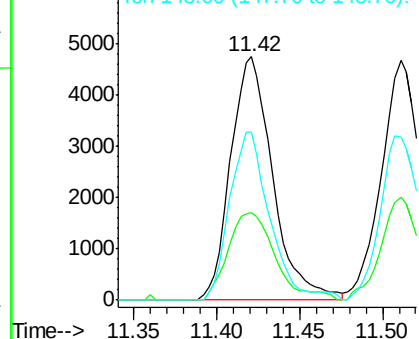
Lab File: VU029357.D

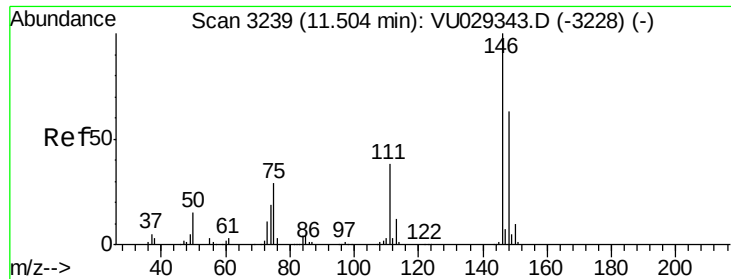
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Tgt Ion:	146	Resp:	8379
Ion Ratio	Lower	Upper	
146	100		
111	40.1	34.1	51.1
148	65.9	52.3	78.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





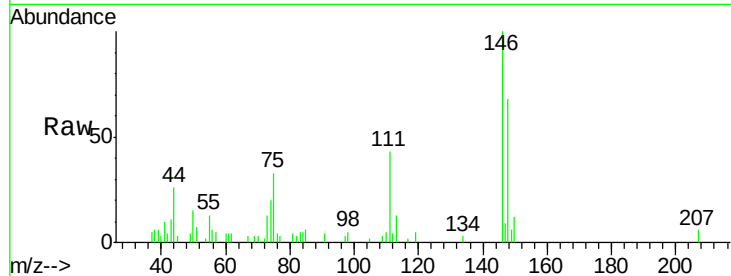
#83
 1,4-Dichlorobenzene
 Concen: 0.228 ug/l
 RT: 11.51 min Scan# 3241
 Delta R.T. 0.01 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

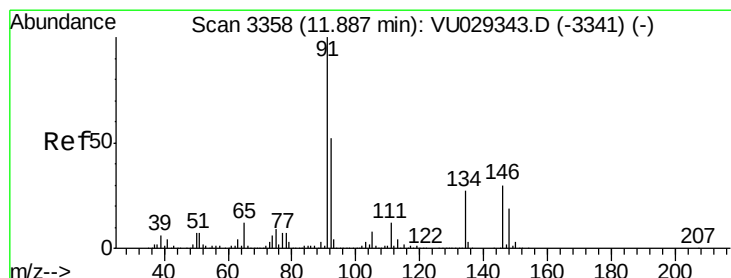
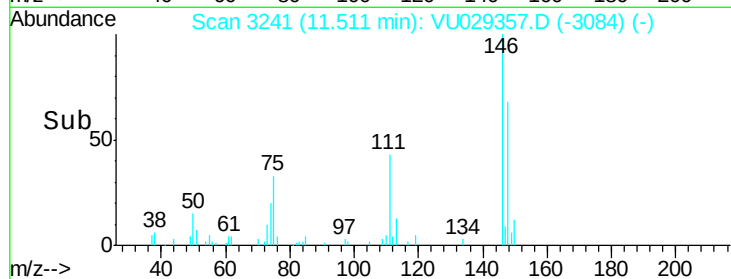
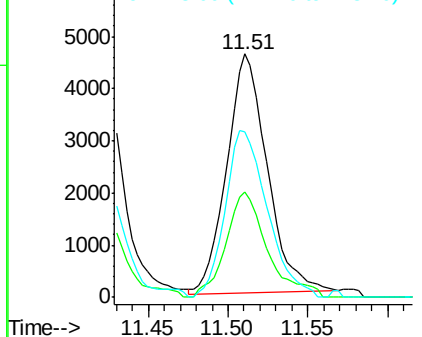
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	32.9	49.3
148	73.0	51.8	77.6

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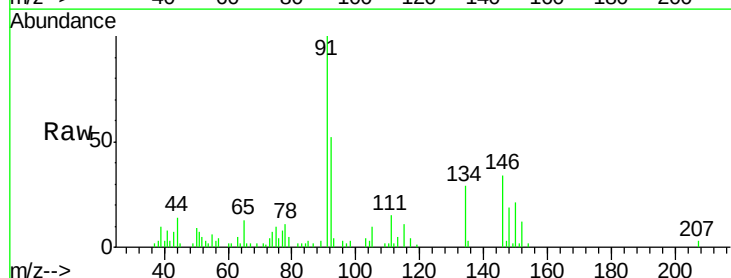


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

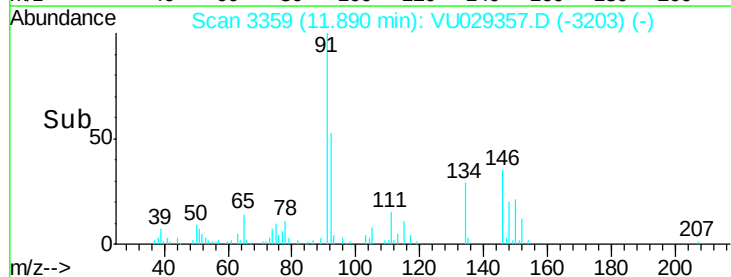
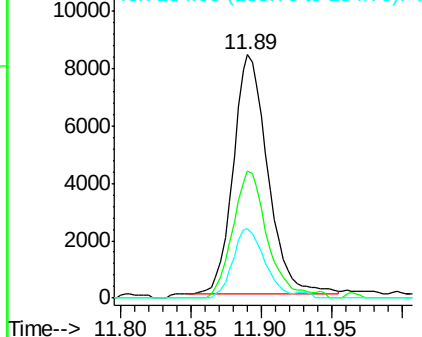


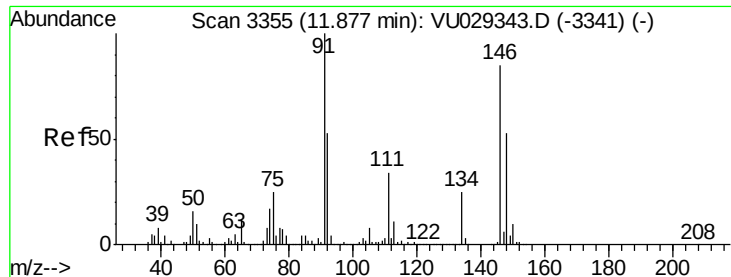
#84
 n-Butylbenzene
 Concen: 0.227 ug/l
 RT: 11.89 min Scan# 3359
 Delta R.T. 0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.6	41.0	61.6
134	26.9	19.1	28.7



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





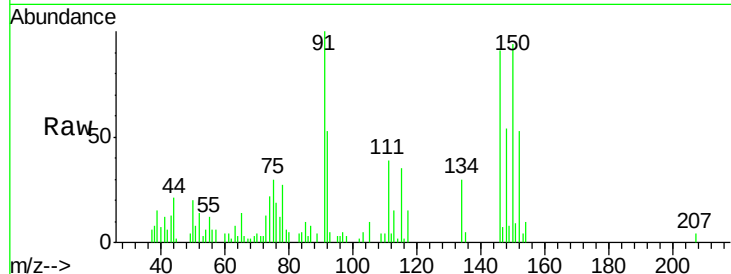
#85
 1,2-Dichlorobenzene
 Concen: 0.239 ug/l
 RT: 11.88 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

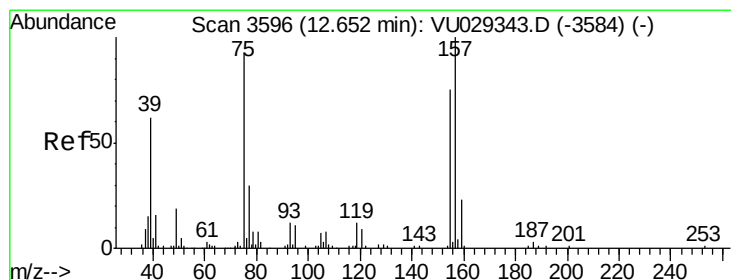
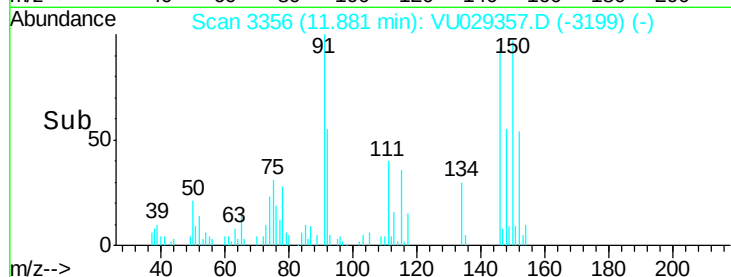
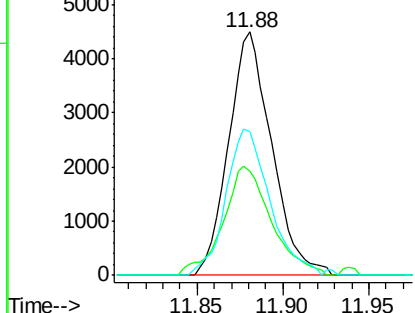
Tot Ion	Ratio	Lower	Upper
146	100		
111	50.2	21.9	65.8
148	61.3	31.8	95.3

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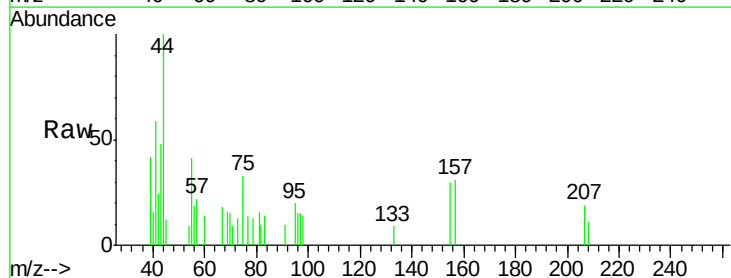


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

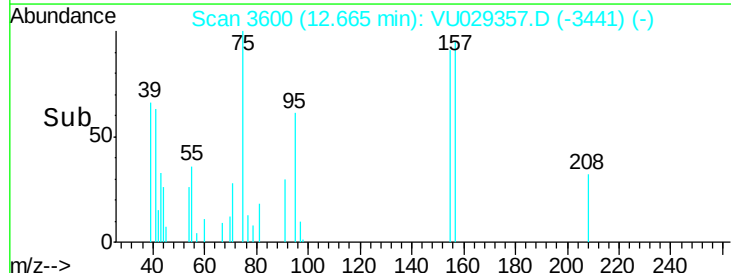
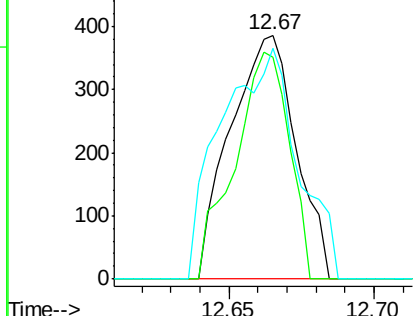


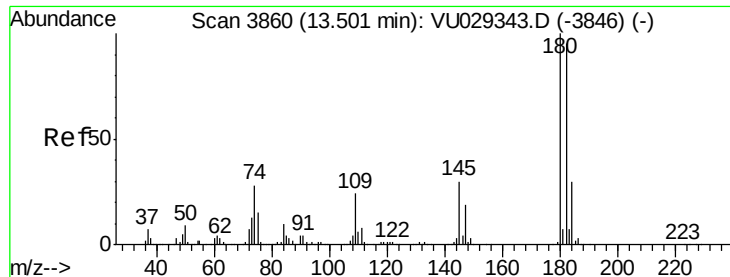
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.242 ug/l
 RT: 12.67 min Scan# 3600
 Delta R.T. 0.01 min
 Lab File: VU029357.D
 Acq: 06 Feb 2019 11:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.4	53.8	80.8
157	111.4	69.2	103.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V





#87

1,2,4-Trichlorobenzene

Concen: 0.211 ug/l

RT: 13.51 min Scan# 3863

Delta R.T. 0.01 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

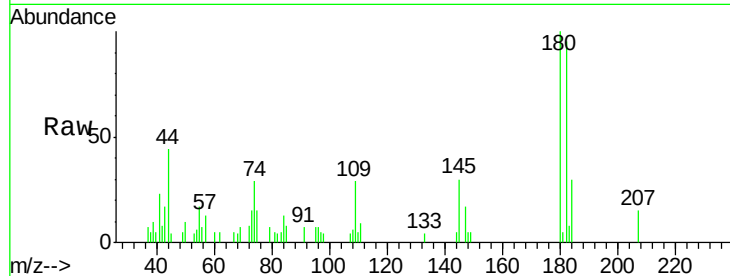
ClientSampleId :

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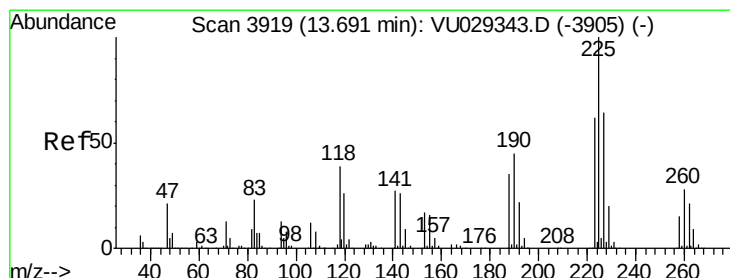
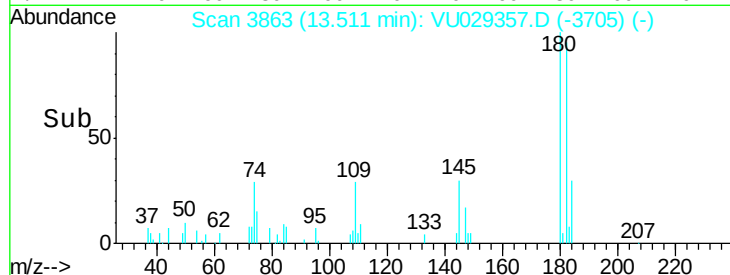
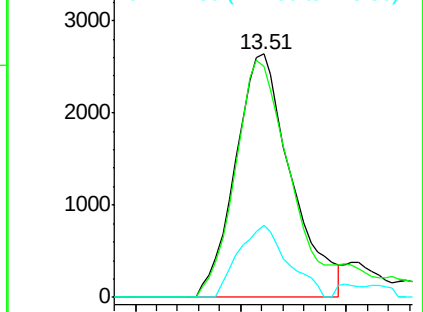
Tot Ion:	180	Resp:	4850
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.6	114.8
145	26.2	24.6	36.8

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Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 0.255 ug/l

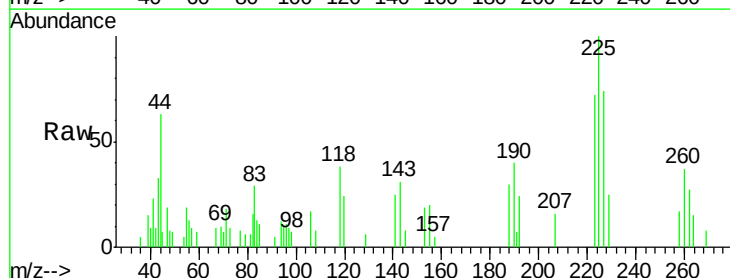
RT: 13.69 min Scan# 3919

Delta R.T. -0.00 min

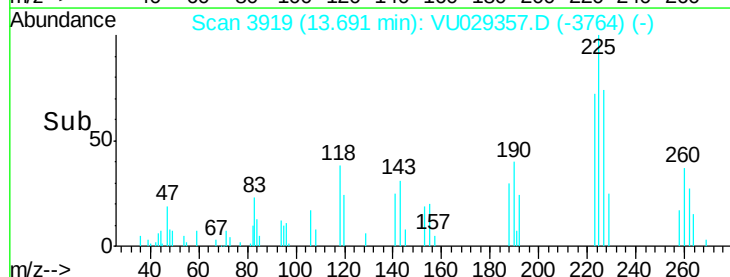
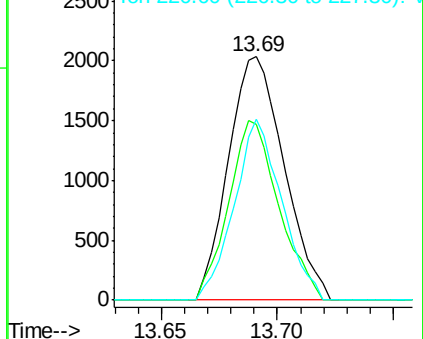
Lab File: VU029357.D

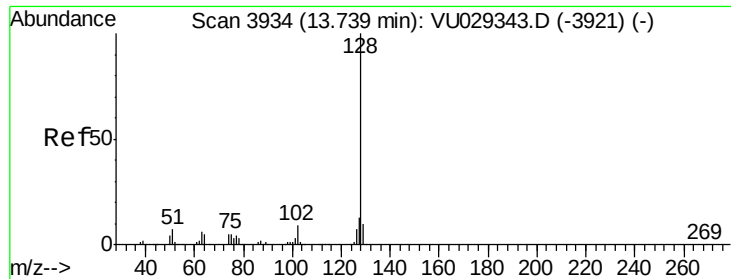
Acq: 06 Feb 2019 11:19

Tgt Ion:	225	Resp:	3398
Ion Ratio	Lower	Upper	
225	100		
223	66.5	49.5	74.3
227	63.1	50.4	75.6



Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 0.185 ug/l

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Instrument :

MSVOA_U

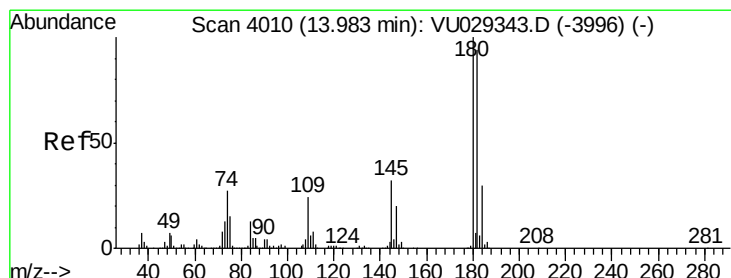
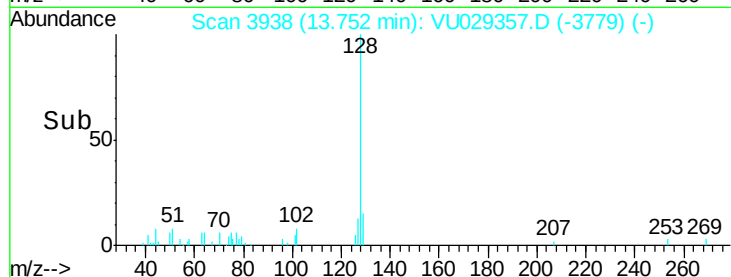
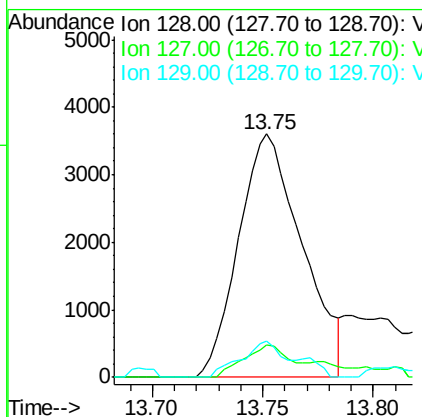
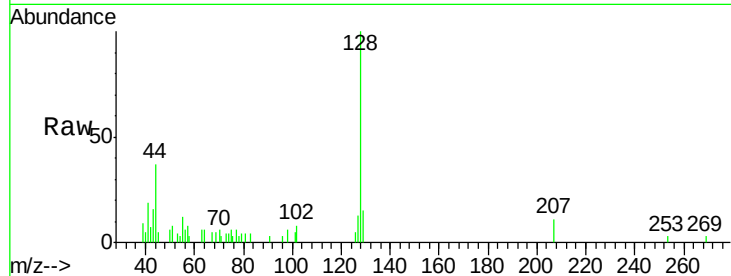
ClientSampleId :

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Tot Ion:	128	Resp:	7197
Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.7	16.1#
129	10.1	8.2	12.4

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#90

1,2,3-Trichlorobenzene

Concen: 0.263 ug/l

RT: 13.99 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VU029357.D

Acq: 06 Feb 2019 11:19

Tgt Ion:	180	Resp:	5519
Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.0	117.0
145	26.2	26.6	39.8#

