

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072319\
 Data File : VU033372.D
 Acq On : 23 Jul 2019 11:00
 Operator : JC/SP
 Sample : K3591-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 LOD-MDL-WATER-01-QT3-2019

Manual Integrations
 APPROVED

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 7/25/2019 3:05:17 PM

Quant Time: Jul 25 11:11:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 24 02:46:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.72	96	26743	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	8920	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	9550	0.88	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	2861	0.259	ug/l	91
3) Chloromethane	1.33	50	3771	0.309	ug/l	100
4) Vinyl Chloride	1.40	62	3575	0.262	ug/l	93
5) Bromomethane	1.62	94	2971	0.346	ug/l	99
6) Chloroethane	1.69	64	2356	0.246	ug/l	90
7) Trichlorofluoromethane	1.88	101	4824	0.258	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2514	0.261	ug/l	98
9) 1,1-Dichloroethene	2.27	96	2814	0.296	ug/l	99
11) Allyl Chloride	2.58	41	4262	0.272	ug/l	92
12) Acrylonitrile	2.93	53	1967	0.742	ug/l #	64
13) Acetone	2.32	43	4295	1.898	ug/l	95
14) Carbon Disulfide	2.46	76	9509	0.263	ug/l	96
15) Methylene Chloride	2.68	84	4353	0.340	ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	3266	0.289	ug/l	94
17) 1,1-Dichloroethane	3.42	63	4029	0.266	ug/l #	93
18) 2-Butanone	4.29	43	2197m	1.017	ug/l	
19) Cyclohexane	4.97	56	2586	0.233	ug/l	95
20) Methylcyclohexane	6.39	83	2472	0.221	ug/l	90
21) 2,2-Dichloropropane	4.20	77	4131	0.322	ug/l	93
22) cis-1,2-Dichloroethene	4.20	96	2120	0.248	ug/l #	68
23) Diethyl Ether	2.09	59	2222	0.271	ug/l	93
24) tert-Butyl Alcohol	2.83	59	3956m	3.143	ug/l	
25) Methyl tert-Butyl Ether	2.99	73	7208	0.263	ug/l	94
26) Bromochloromethane	4.53	128	860	0.229	ug/l	93
27) Chloroform	4.65	83	6779	0.392	ug/l	97
28) 1,1,1-Trichloroethane	4.89	97	3734	0.279	ug/l	93
29) 1,1-Dichloropropene	5.11	75	2907	0.263	ug/l	93
30) Carbon Tetrachloride	5.10	117	2899	0.246	ug/l	98
31) Isopropyl Ether	3.56	45	4482	0.234	ug/l	80
32) Ethyl-t-butyl ether	4.05	59	4477	0.243	ug/l #	80
33) Tert-Amyl methyl ether	5.57	73	3476	0.210	ug/l	94
34) Propionitrile	4.38	54	629m	1.015	ug/l	
35) Benzene	5.37	78	7574	0.237	ug/l	96
36) 1,2-Dichloroethane	5.39	62	2489	0.234	ug/l #	77
37) Trichloroethene	6.17	130	2180	0.259	ug/l	99
38) 1,2-Dichloropropane	6.41	63	2040	0.232	ug/l	91
41) Tetrahydrofuran	4.65	42	358m	0.290	ug/l	
42) 1-Chlorobutane	5.04	56	3646	0.246	ug/l	99
43) Dibromomethane	6.55	93	1287	0.264	ug/l	87
44) Bromodichloromethane	6.74	83	3256	0.277	ug/l	99
45) 4-Methyl-2-Pentanone	7.45	43	5565	1.119	ug/l #	87

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 LOD-MDL-WATER-01-QT3-2019

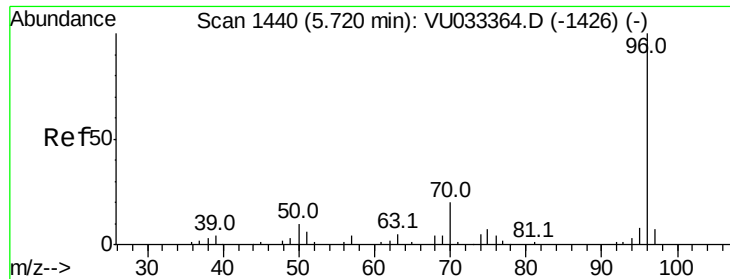
Manual Integrations
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Quant Time: Jul 25 11:11:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 24 02:46:51 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.51	75	743m	0.370	ug/l	
47) Methyl methacrylate	6.62	69	1343	0.361	ug/l #	88
49) Toluene	7.62	92	3831	0.209	ug/l	95
50) t-1,3-Dichloropropene	7.87	75	1983	0.202	ug/l	91
51) cis-1,3-Dichloropropene	7.26	75	2525	0.218	ug/l #	92
52) 1,1,2-Trichloroethane	8.05	97	1345	0.206	ug/l #	74
53) 1,3-Dichloropropane	8.23	76	2544	0.231	ug/l	97
54) 2-Hexanone	8.36	43	3339	0.953	ug/l	83
55) Dibromochloromethane	8.47	129	1860	0.244	ug/l	100
56) 1,2-Dibromoethane	8.58	107	1327	0.218	ug/l	99
58) Tetrachloroethene	8.21	164	1956	0.256	ug/l	95
59) Chlorobenzene	9.11	112	4807	0.229	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.19	131	1905	0.239	ug/l #	91
61) Pentachloroethane	11.09	117	1572	0.240	ug/l	96
62) Hexachloroethane	12.13	117	1558	0.246	ug/l	92
63) Ethyl Benzene	9.23	91	6800	0.202	ug/l	99
64) m/p-Xylenes	9.36	106	4976	0.370	ug/l	100
67) Bromoform	9.95	173	959	0.233	ug/l #	79
70) 1,1,2,2-Tetrachloroethane	10.44	83	2152	0.249	ug/l #	92
71) 1,2,3-Trichloropropane	10.48	75	1681m	0.252	ug/l	
72) Bromobenzene	10.44	156	1797	0.206	ug/l	99
77) tert-Butylbenzene	11.09	119	5695	0.202	ug/l	96
82) 1,3-Dichlorobenzene	11.40	146	3768	0.203	ug/l	91
83) 1,4-Dichlorobenzene	11.50	146	3865	0.210	ug/l	95
85) 1,2-Dichlorobenzene	11.86	146	3855	0.221	ug/l	94
86) 1,2-Dibromo-3-Chloropropan	12.65	75	306	0.225	ug/l #	48
88) Hexachlorobutadiene	13.68	225	1641	0.257	ug/l	91

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

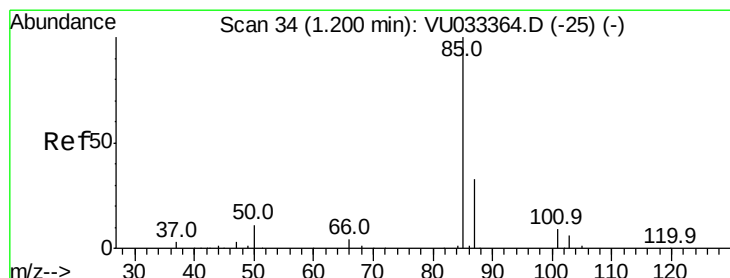
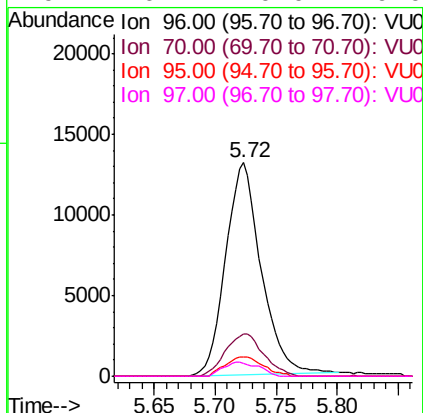
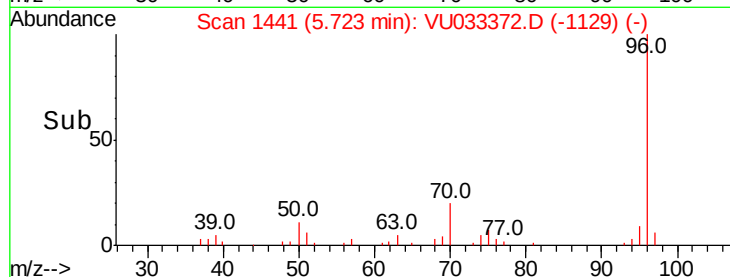
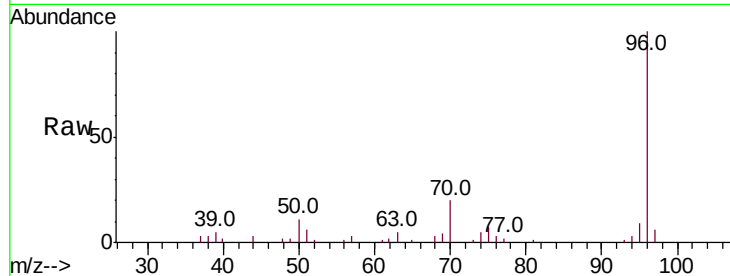
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 96 Resp: 26743

Ion	Ratio	Lower	Upper
96	100		
70	21.5	16.4	24.6
95	9.7	6.7	10.1
97	6.7	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 0.259 ug/l

RT: 1.20 min Scan# 34

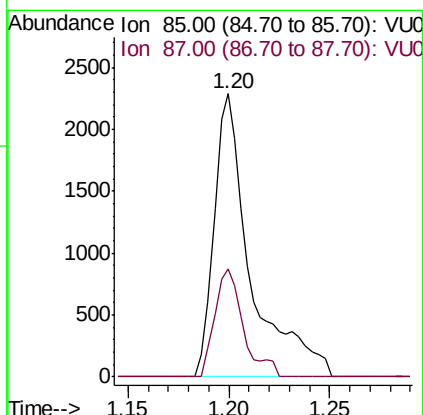
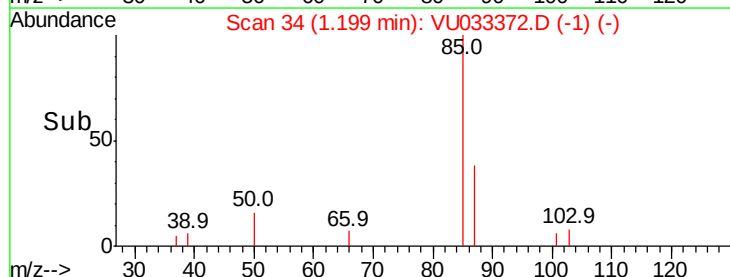
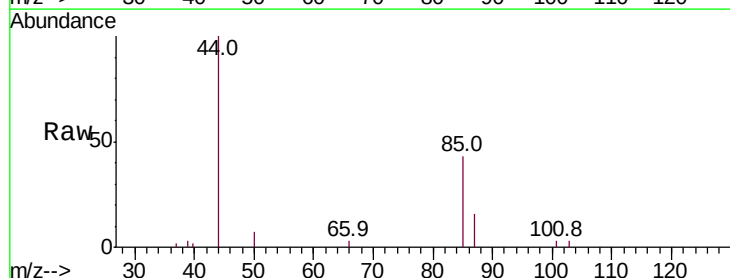
Delta R.T. -0.00 min

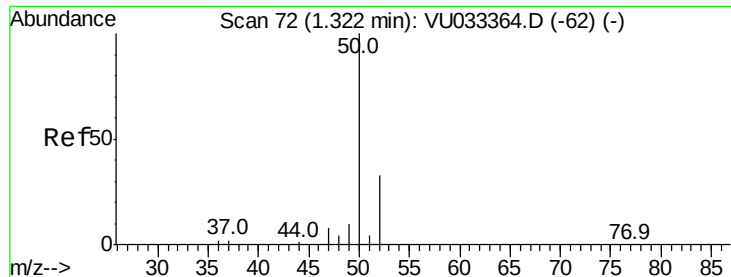
Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Tgt Ion: 85 Resp: 2861

Ion	Ratio	Lower	Upper
85	100		
87	38.1	16.6	49.7





#3

Chloromethane

Concen: 0.309 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 50 Resp: 3771

Ion Ratio Lower Upper

50 100

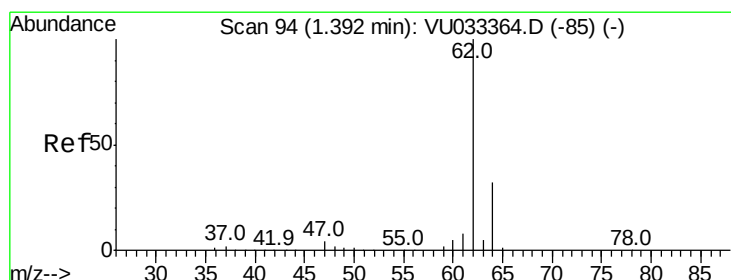
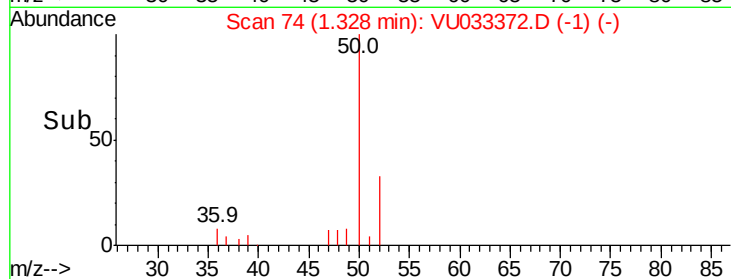
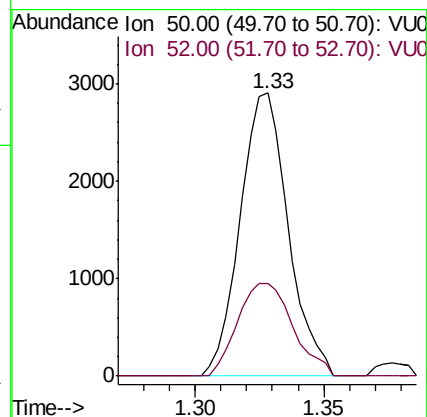
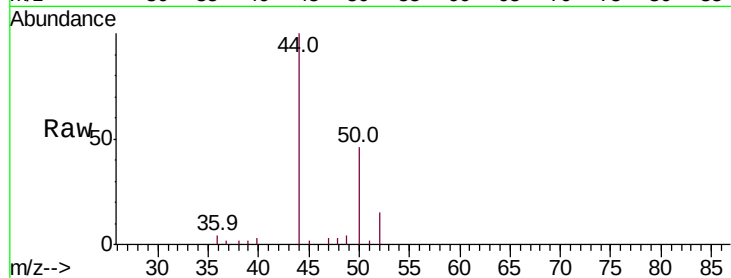
52 32.7 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.262 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033372.D

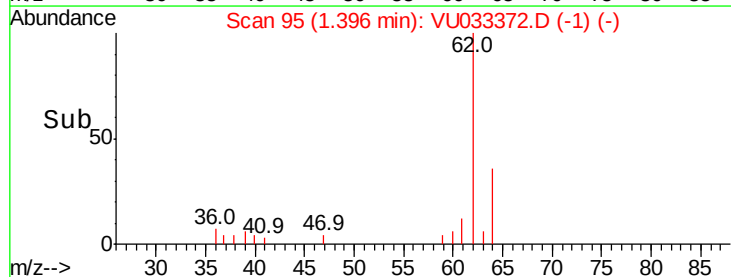
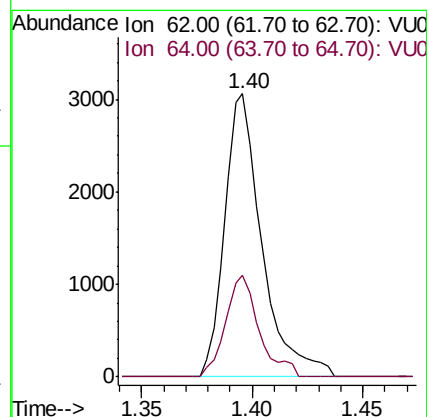
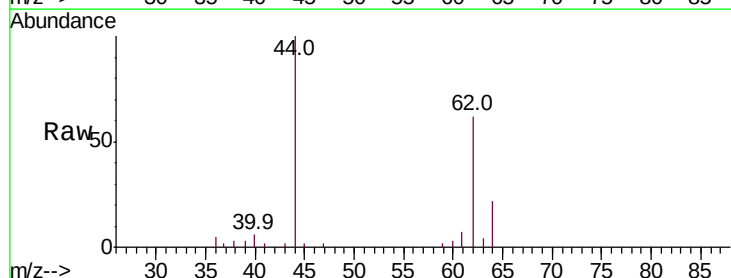
Acq: 23 Jul 2019 11:00

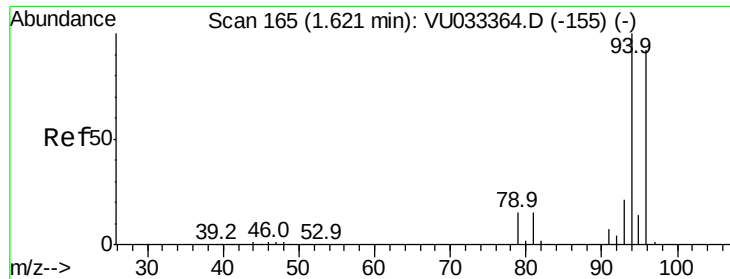
Tgt Ion: 62 Resp: 3575

Ion Ratio Lower Upper

62 100

64 36.0 25.6 38.4





#5

Bromomethane

Concen: 0.346 ug/l

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 94 Resp: 2971

Ion Ratio Lower Upper

94 100

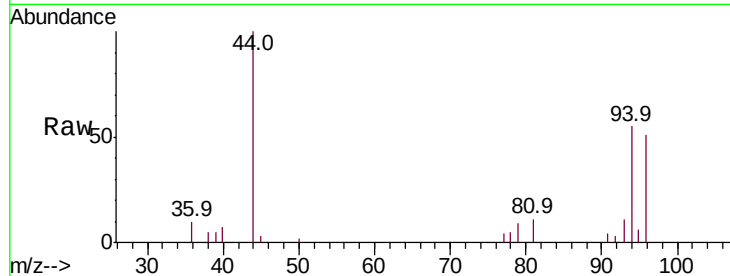
96 92.6 73.2 109.8

Manual Integrations

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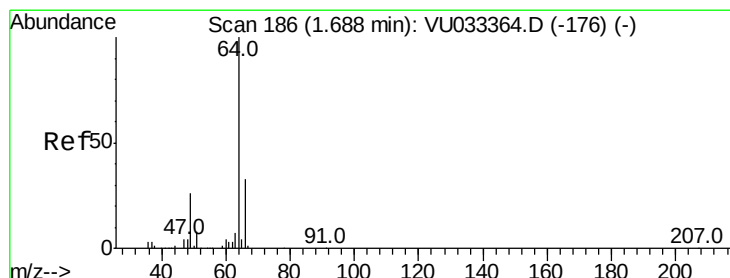
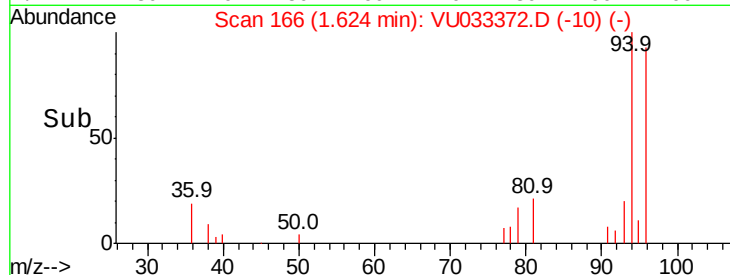
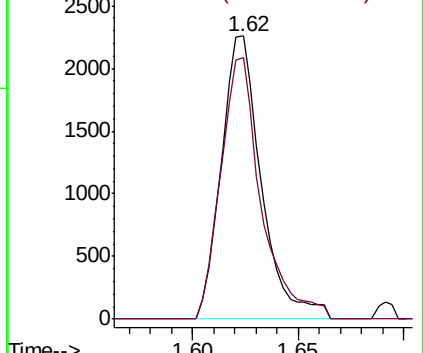
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 0.246 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033372.D

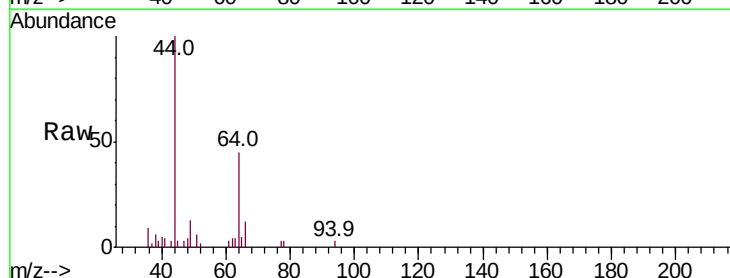
Acq: 23 Jul 2019 11:00

Tgt Ion: 64 Resp: 2356

Ion Ratio Lower Upper

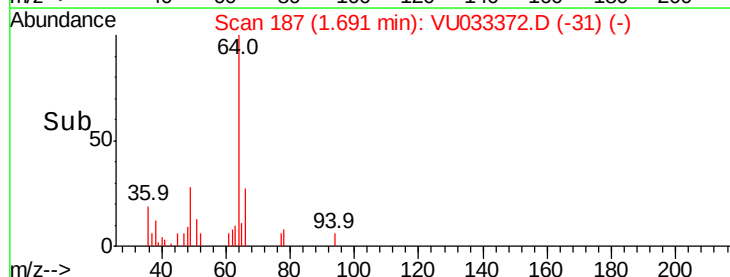
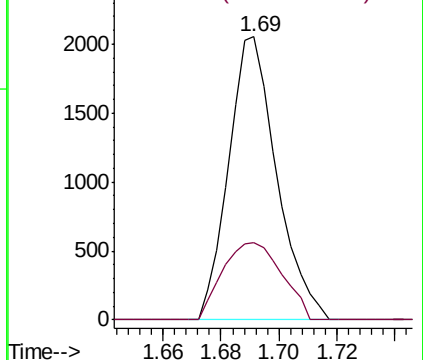
64 100

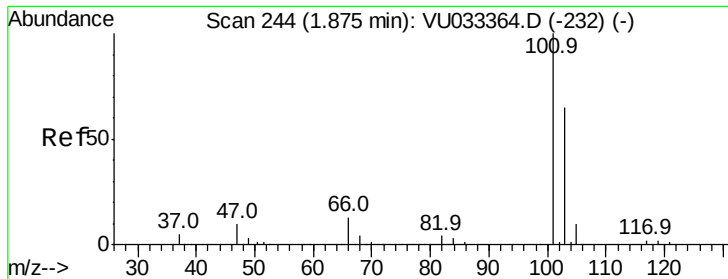
66 27.4 26.4 39.6



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

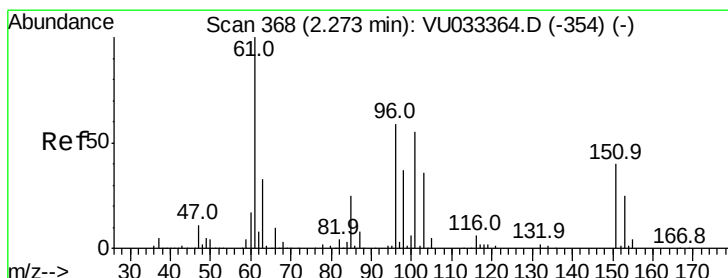
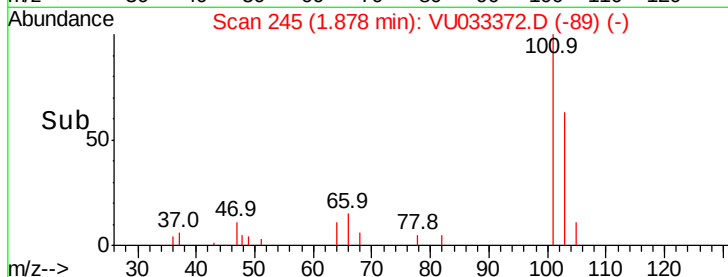
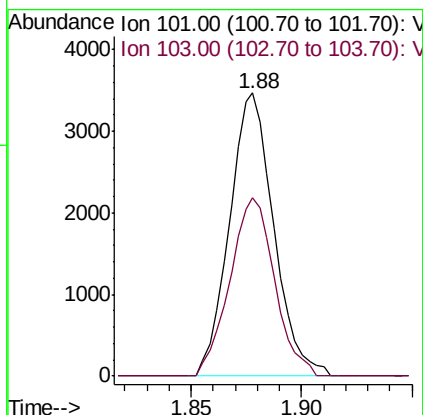
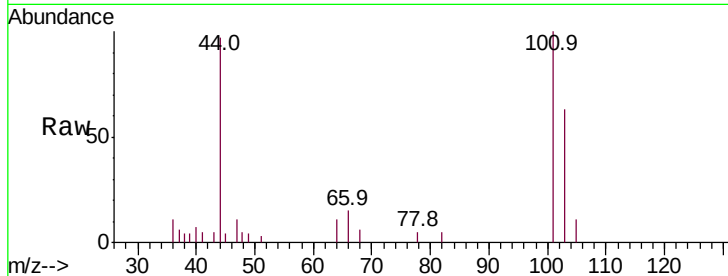
Trichlorofluoromethane
Concen: 0.258 ug/l
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
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LOD-MDL-WATER-01-QT3-2019

Tot Ion:101 Resp: 4824
Ion Ratio Lower Upper
101 100
103 63.0 52.2 78.2

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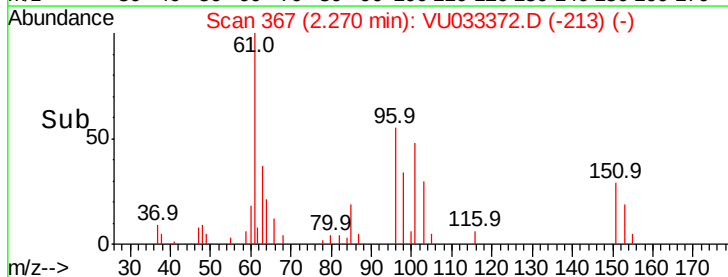
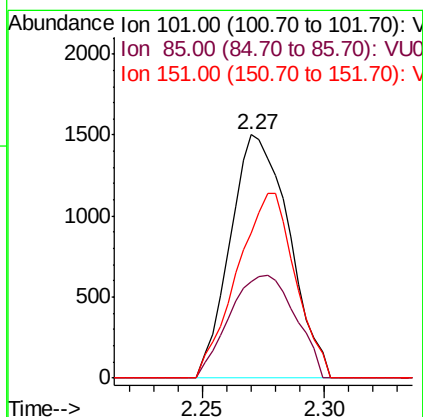
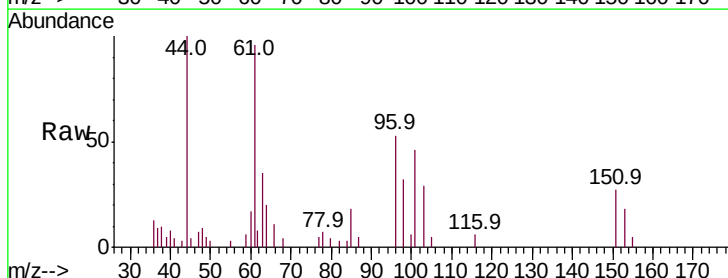
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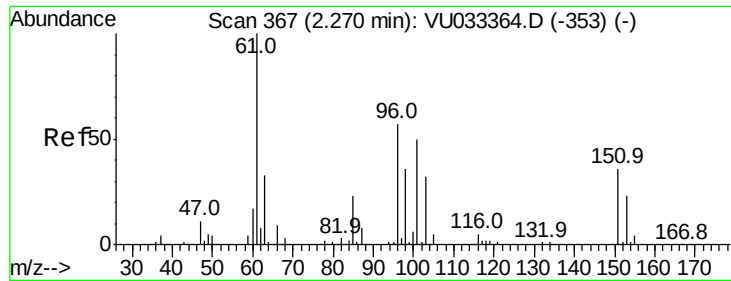


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.261 ug/l
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion:101 Resp: 2514
Ion Ratio Lower Upper
101 100
85 47.2 37.5 56.3
151 75.2 58.3 87.5





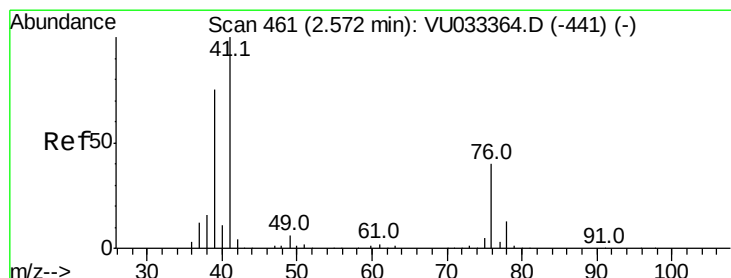
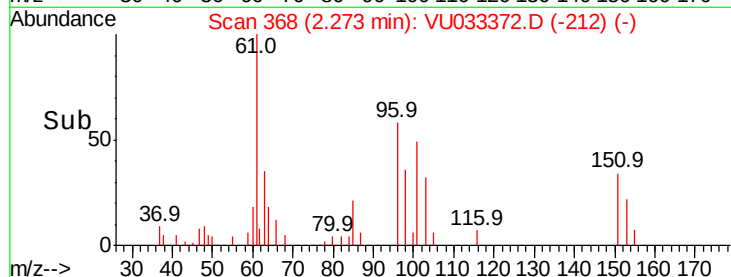
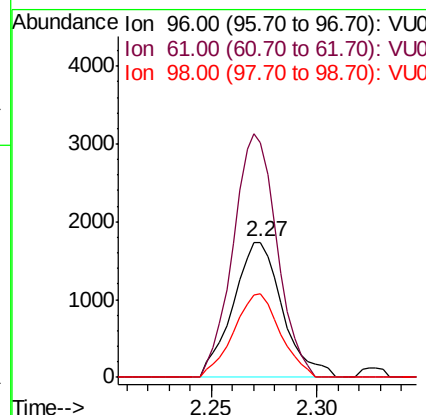
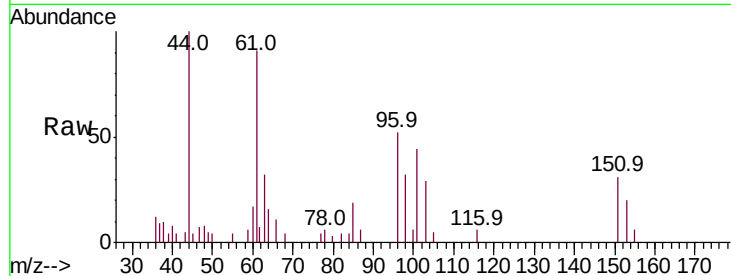
#9
 1,1-Dichloroethene
 Concen: 0.296 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
96	100		
61	173.7	0.0	525.6
98	61.7	0.0	126.4

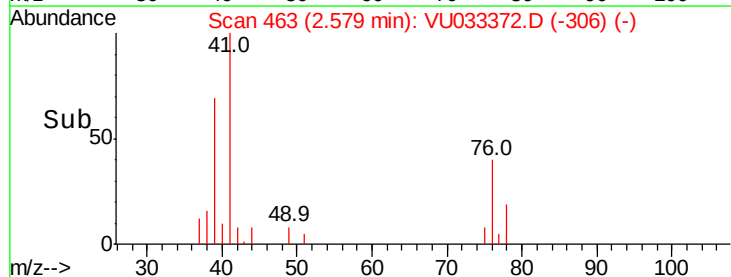
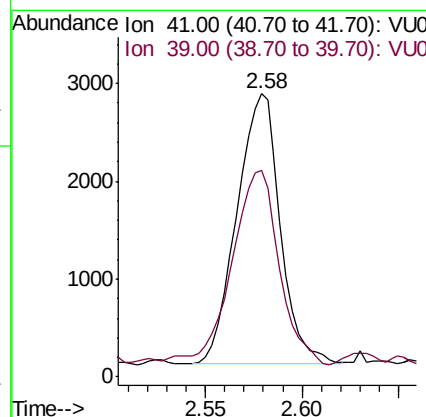
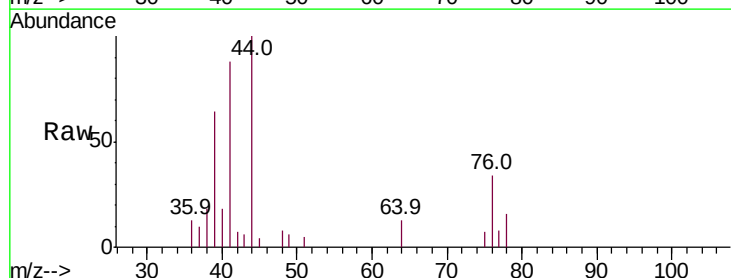
Manual Integrations
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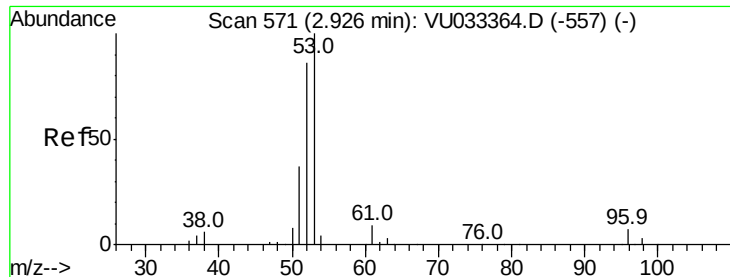
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#11
 Allyl Chloride
 Concen: 0.272 ug/l
 RT: 2.58 min Scan# 463
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.2	58.7	88.1





#12

Acrylonitrile

Concen: 0.742 ug/l

RT: 2.93 min Scan# 572

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

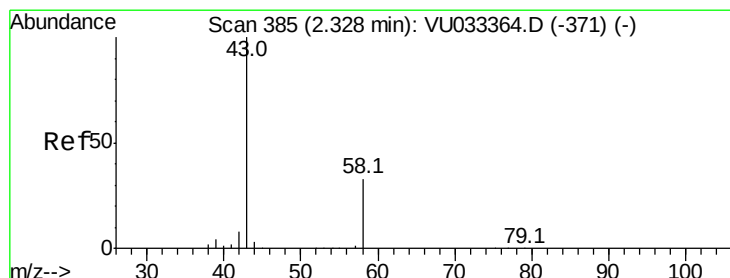
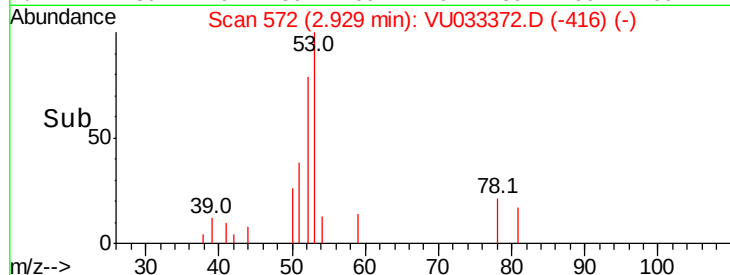
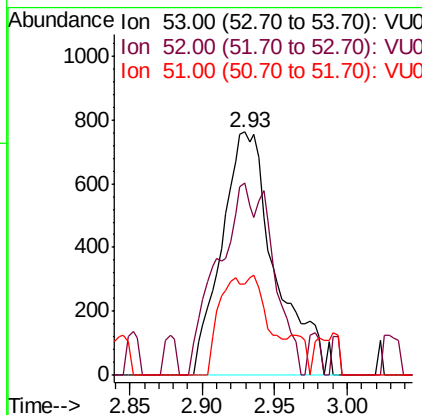
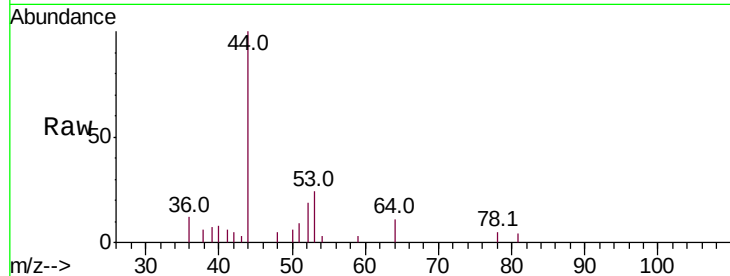
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	53	Resp:	1967
Ion	Ratio	Lower	Upper
53	100		
52	52.8	69.8	104.8#
51	16.9	29.1	43.7#

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#13

Acetone

Concen: 1.898 ug/l

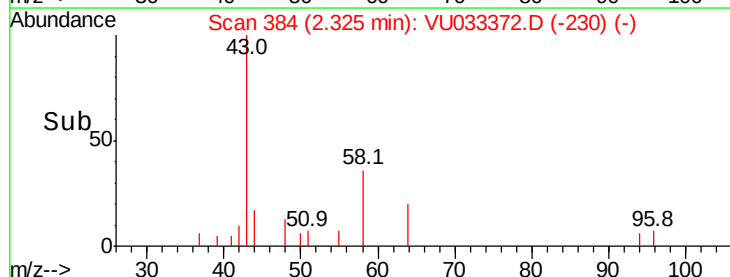
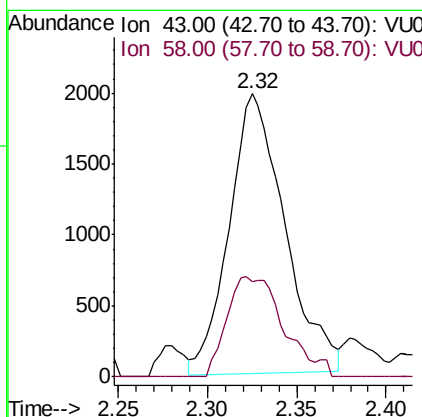
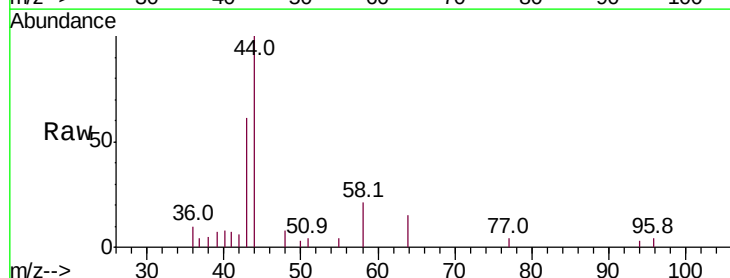
RT: 2.32 min Scan# 384

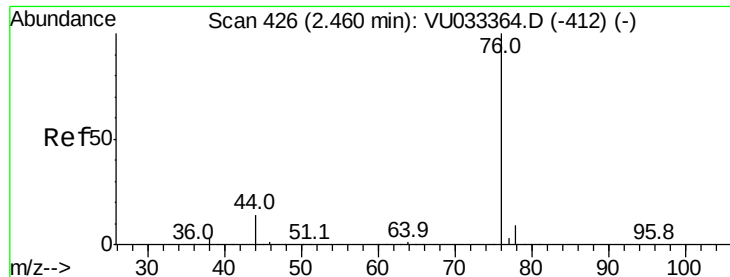
Delta R.T. -0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Tgt Ion:	43	Resp:	4295
Ion	Ratio	Lower	Upper
43	100		
58	36.0	26.3	39.5





#14

Carbon Disulfide

Concen: 0.263 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 76 Resp: 9509

Ion Ratio Lower Upper

76 100

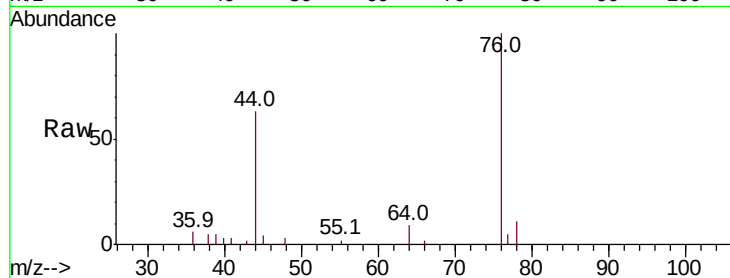
78 10.5 7.1 10.7

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Abundance Ion 76.00 (75.70 to 76.70): VU033372.D (-271) (-)

Ion 78.00 (77.70 to 78.70): VU033372.D (-271) (-)

2.46

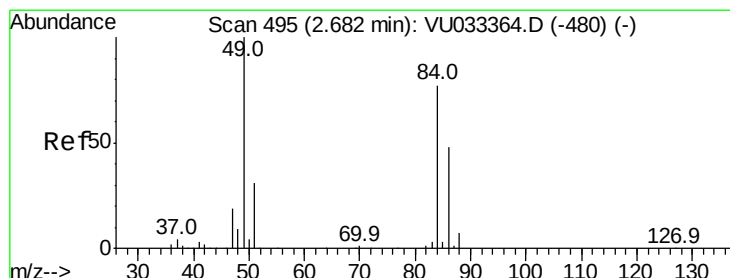
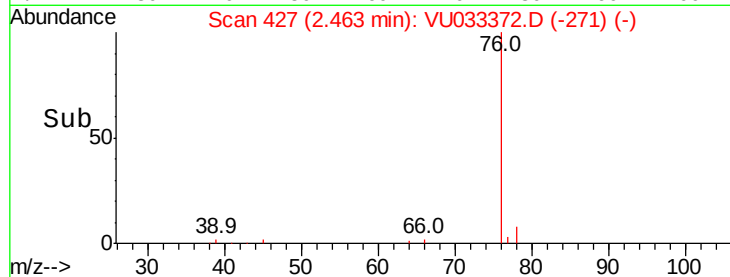
6000

4000

2000

0

Time-->



#15

Methylene Chloride

Concen: 0.340 ug/l

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Tgt Ion: 84 Resp: 4353

Ion Ratio Lower Upper

84 100

49 126.3 103.5 155.3

51 39.2 0.0 80.4

86 62.9 50.1 75.1

Abundance Ion 84.00 (83.70 to 84.70): VU033372.D (-340) (-)

Ion 49.00 (48.70 to 49.70): VU033372.D (-340) (-)

Ion 51.00 (50.70 to 51.70): VU033372.D (-340) (-)

Ion 86.00 (85.70 to 86.70): VU033372.D (-340) (-)

5000

4000

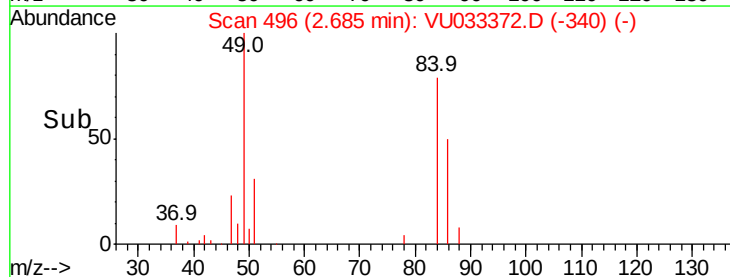
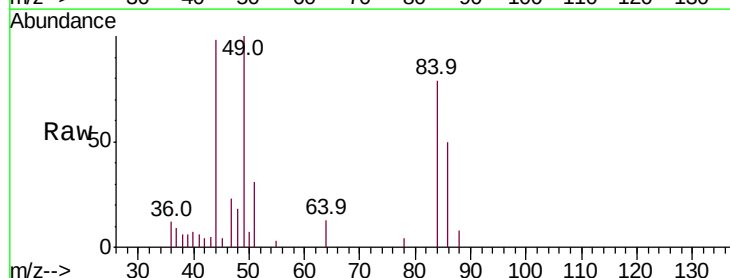
3000

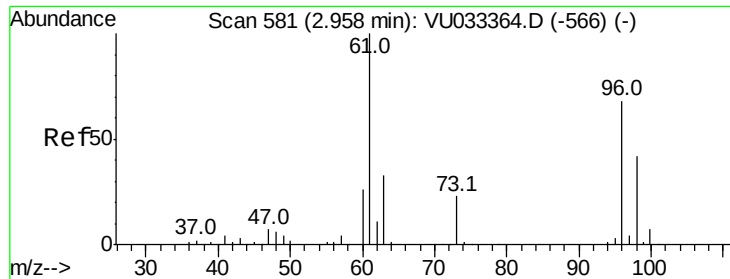
2000

1000

0

Time-->





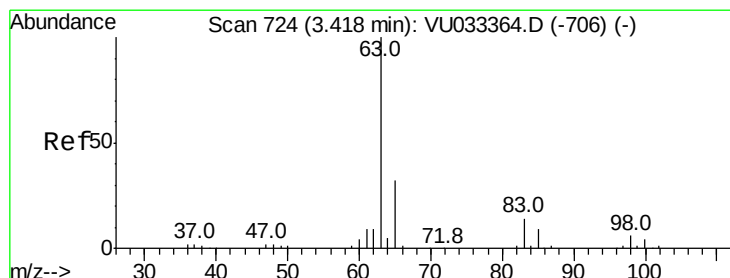
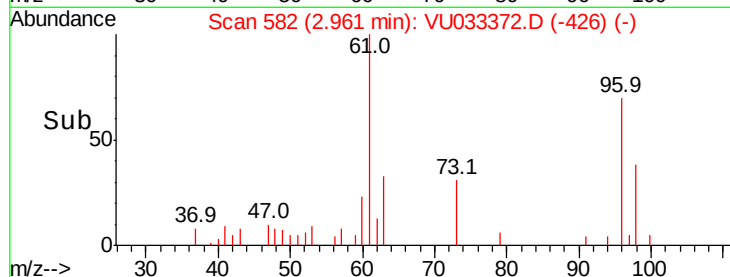
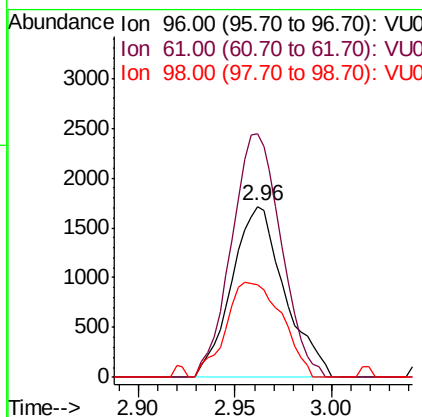
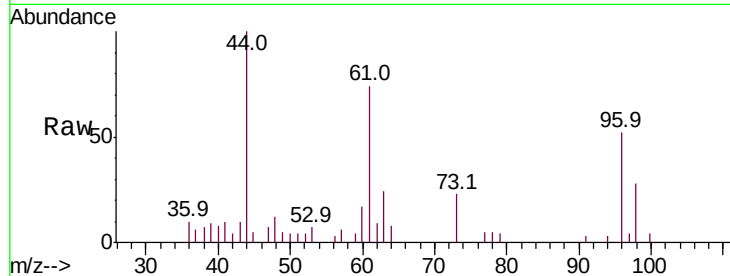
#16
trans-1,2-Dichloroethene
Concen: 0.289 ug/l
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 96 Resp: 3266
Ion Ratio Lower Upper
96 100
61 142.3 118.0 177.0
98 54.3 49.4 74.2

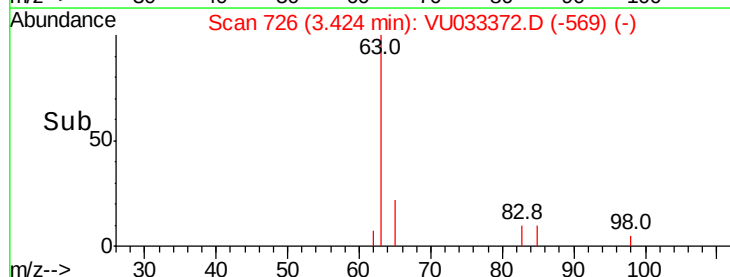
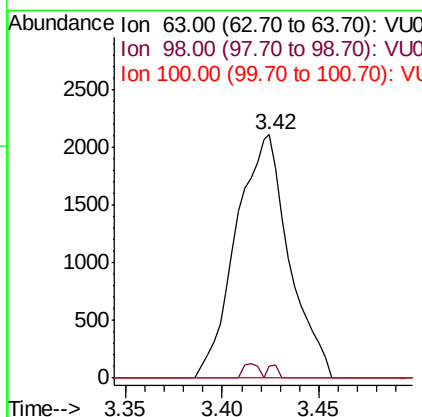
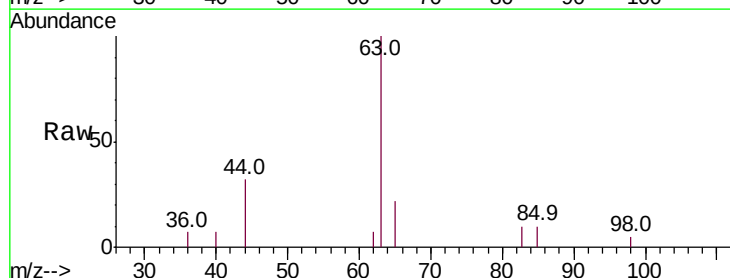
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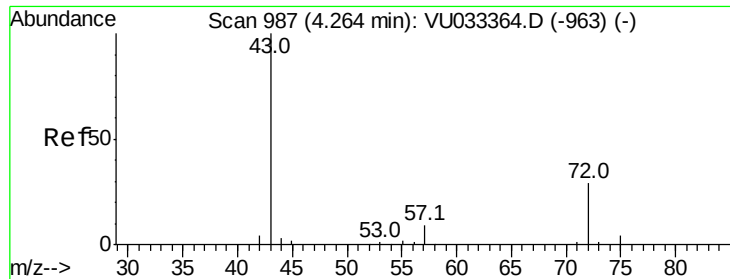
MMDadoda
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#17
1,1-Dichloroethane
Concen: 0.266 ug/l
RT: 3.42 min Scan# 726
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 63 Resp: 4029
Ion Ratio Lower Upper
63 100
98 5.2 3.2 9.6
100 0.0 2.1 6.2#





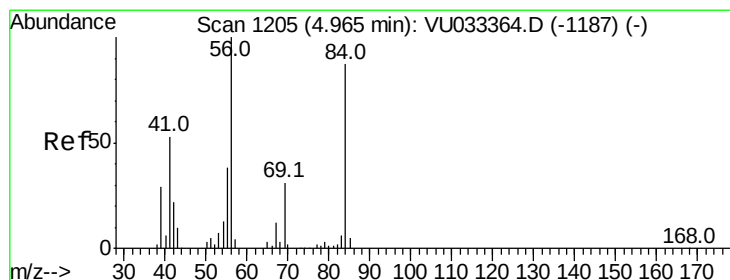
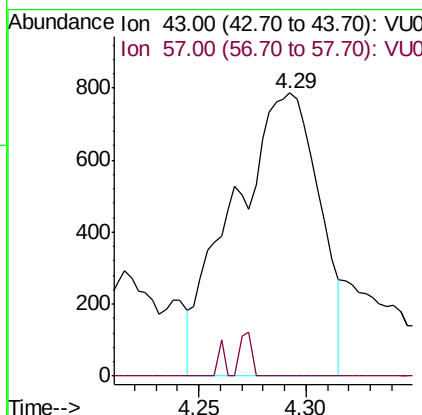
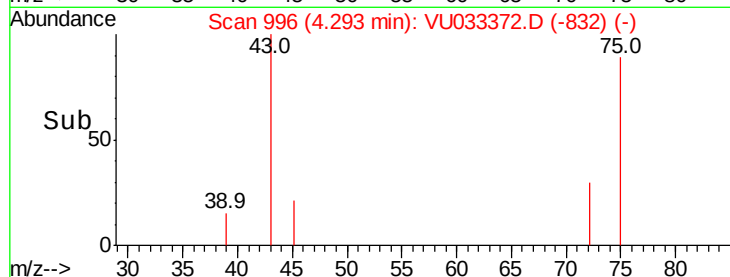
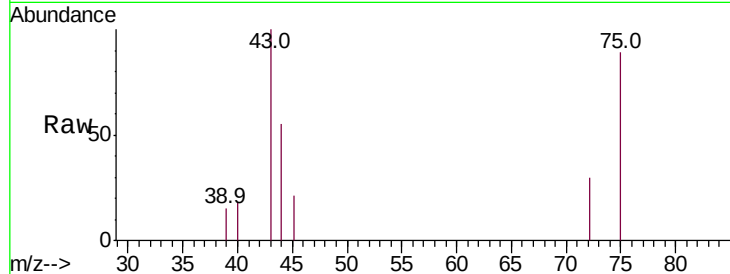
#18
2-Butanone
Concen: 1.017 ug/l m
RT: 4.29 min Scan# 996
Delta R.T. 0.03 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 43 Resp: 2197
Ion Ratio Lower Upper
43 100
57 0.0 0.0 17.0

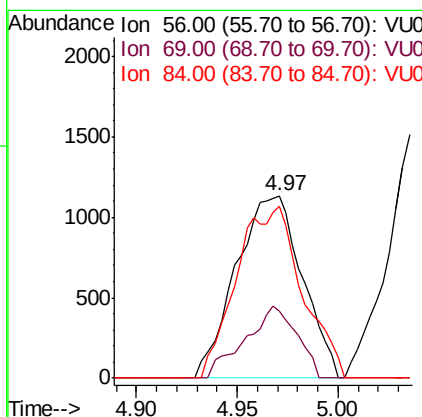
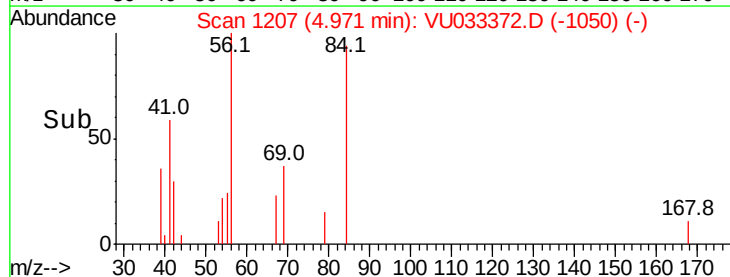
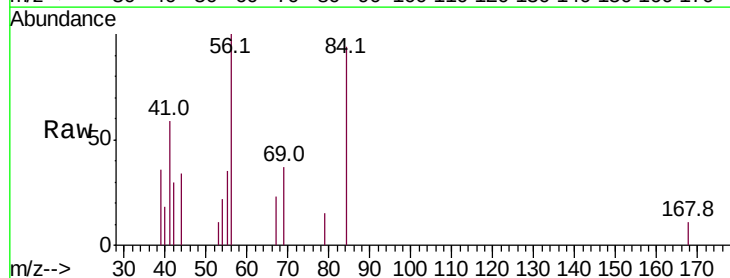
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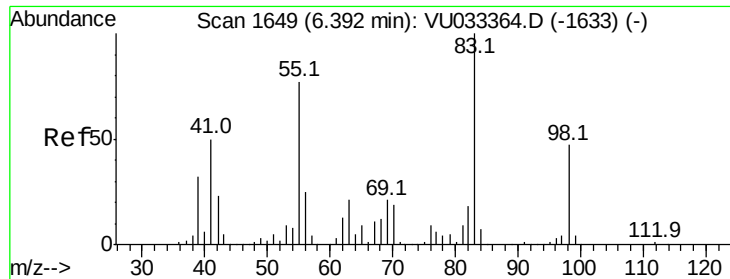
MMDadoda
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#19
Cyclohexane
Concen: 0.233 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 56 Resp: 2586
Ion Ratio Lower Upper
56 100
69 30.8 25.0 37.4
84 93.7 69.8 104.6





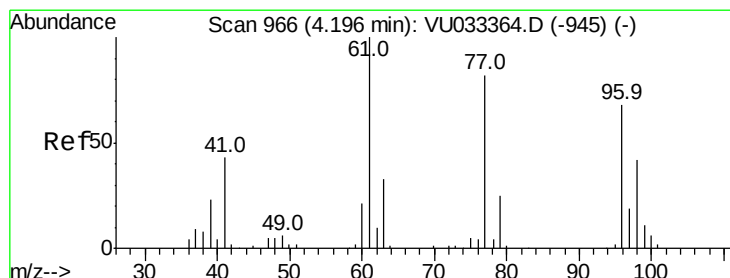
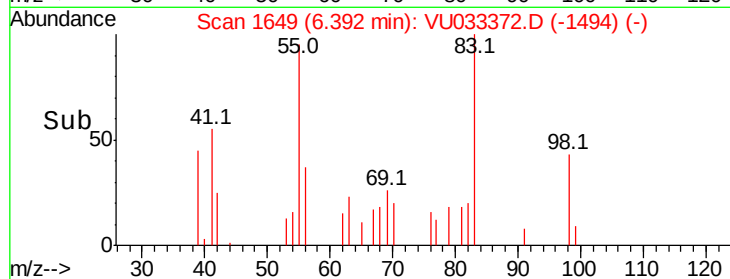
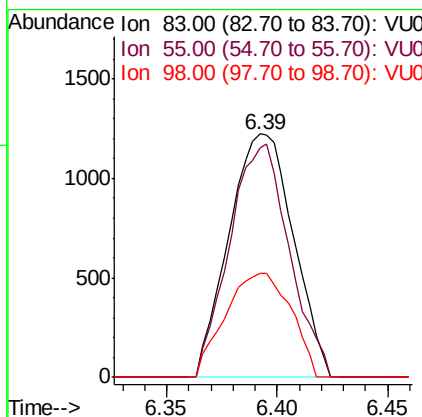
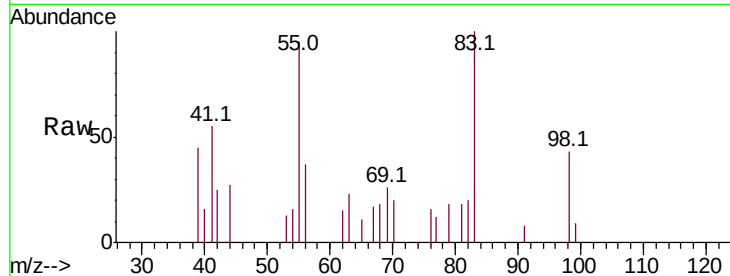
#20
Methylvlcyclohexane
Concen: 0.221 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.0	62.3	93.5
98	43.3	37.4	56.0

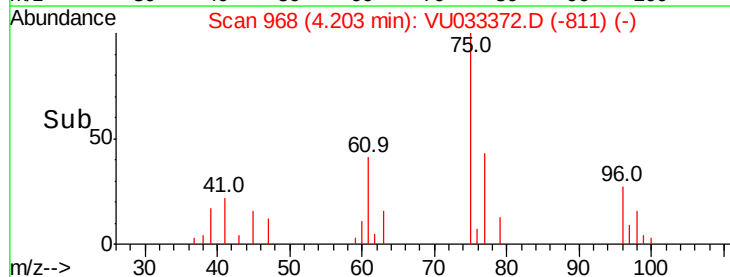
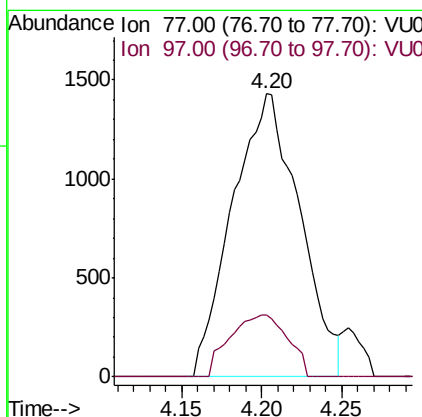
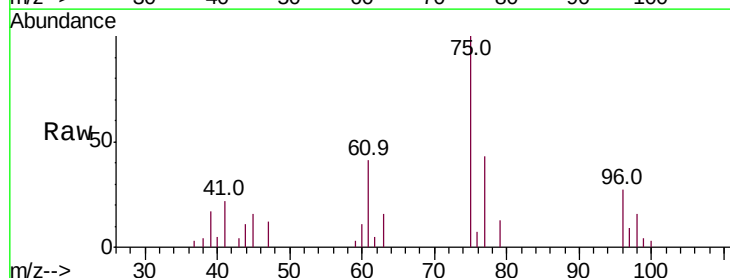
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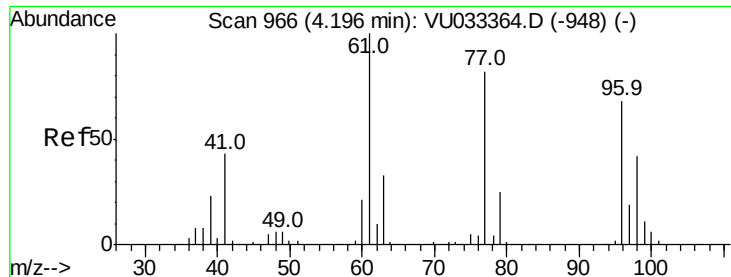
MMDadoda
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#21
2,2-Dichloropropane
Concen: 0.322 ug/l
RT: 4.20 min Scan# 968
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
77	100		
97	18.8	17.8	26.8





#22

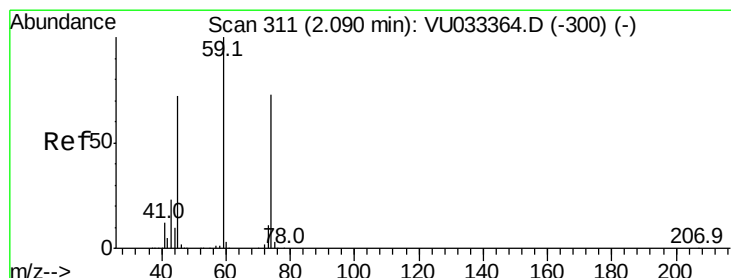
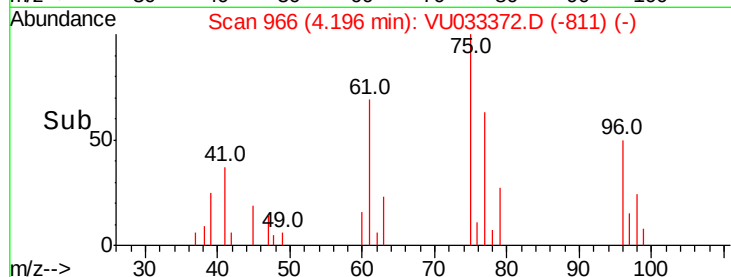
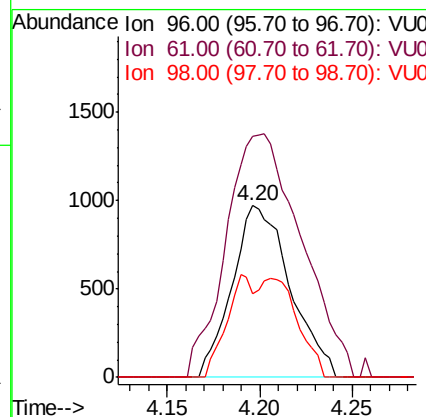
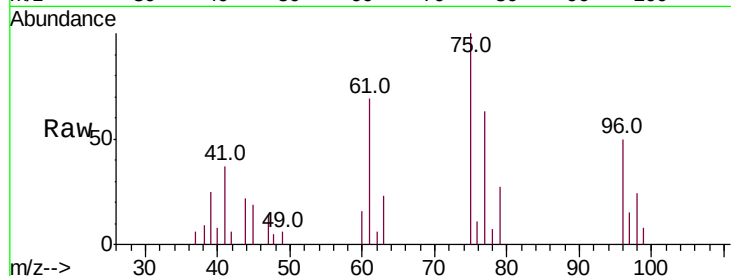
cis-1,2-Dichloroethene
 Concen: 0.248 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
96	100		
61	183.4	0.0	376.3
98	26.8	31.9	95.9#

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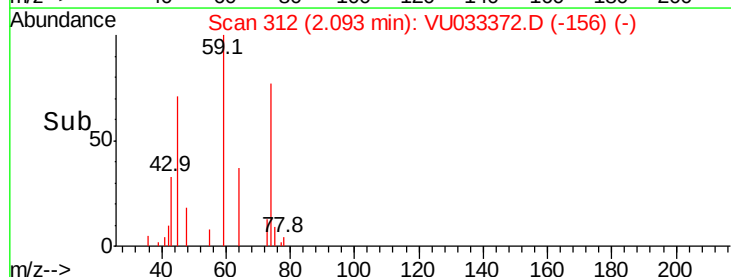
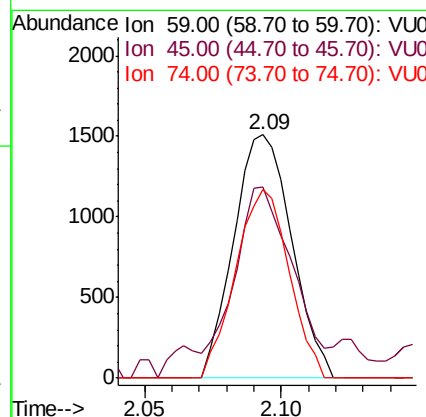
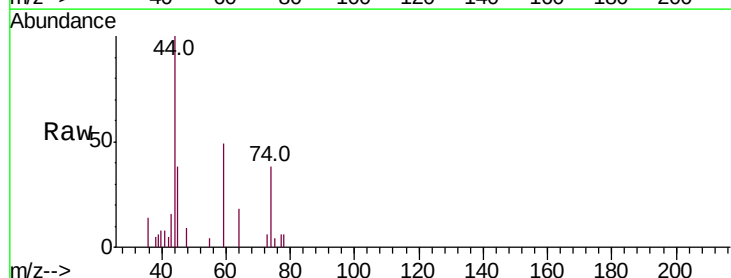
MMDadoda
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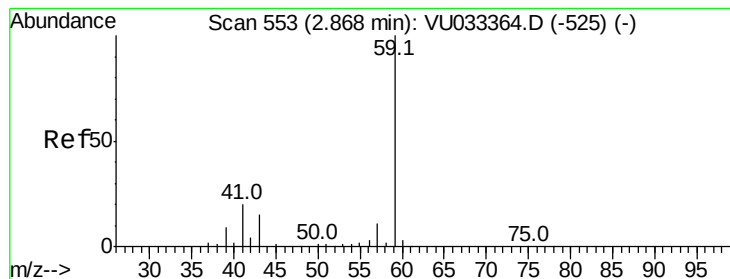


#23

Diethyl Ether
 Concen: 0.271 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
59	100		
45	61.3	57.6	86.4
74	71.5	57.8	86.6





#24

tert-Butyl Alcohol

Concen: 3.143 ug/l m

RT: 2.83 min Scan# 541

Delta R.T. -0.04 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 59 Resp: 3956

Ion Ratio Lower Upper

59 100

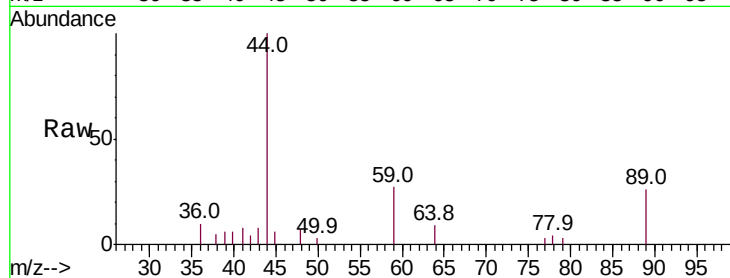
57 1.7 7.8 11.8#

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Abundance Ion 59.00 (58.70 to 59.70): VU033364.D (-525) (-)

Ion 57.00 (56.70 to 57.70): VU033364.D (-525) (-)

2.83

800

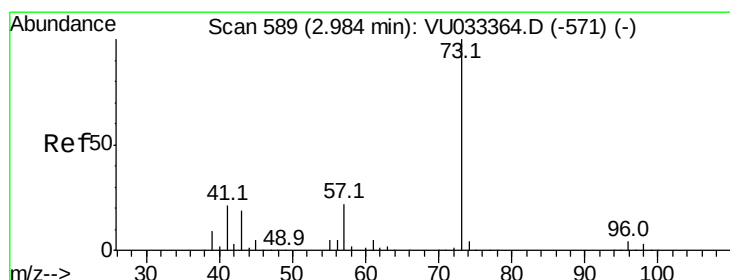
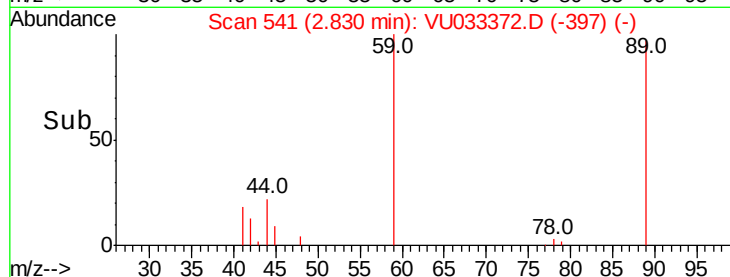
600

400

200

0

Time--> 2.70 2.80 2.90



#25

Methyl tert-Butyl Ether

Concen: 0.263 ug/l

RT: 2.99 min Scan# 590

Delta R.T. 0.00 min

Lab File: VU033372.D

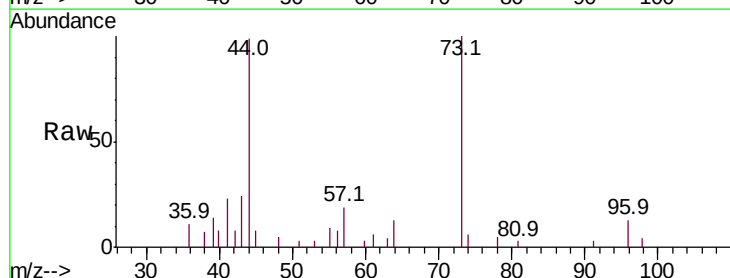
Acq: 23 Jul 2019 11:00

Tgt Ion: 73 Resp: 7208

Ion Ratio Lower Upper

73 100

43 18.1 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VU033364.D (-571) (-)

Ion 43.00 (42.70 to 43.70): VU033364.D (-571) (-)

2.99

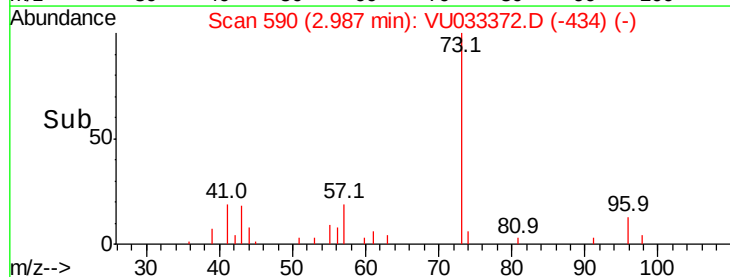
3000

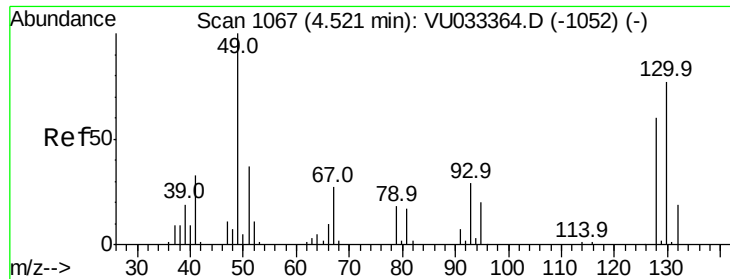
2000

1000

0

Time--> 2.90 2.95 3.00 3.05





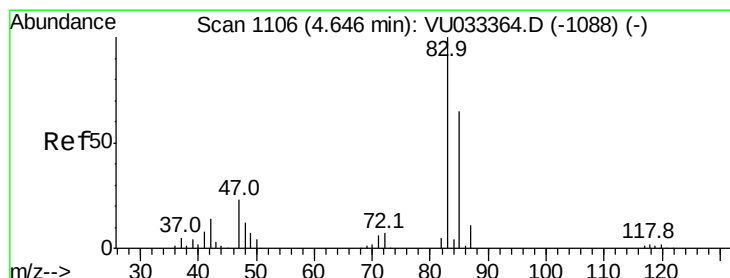
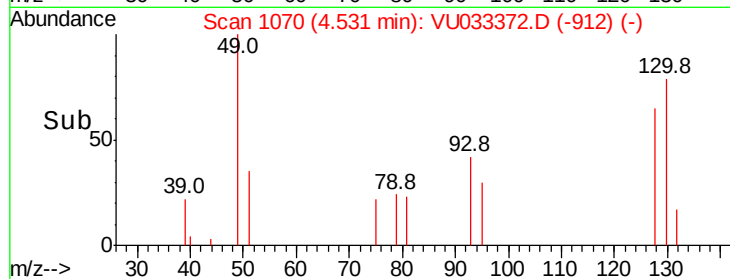
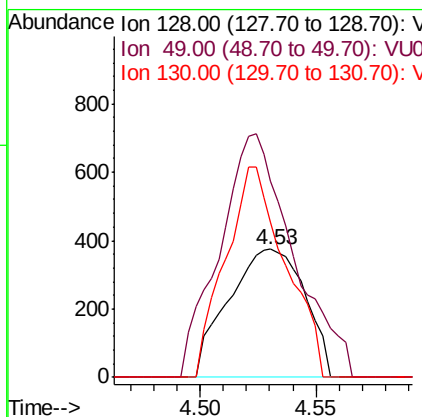
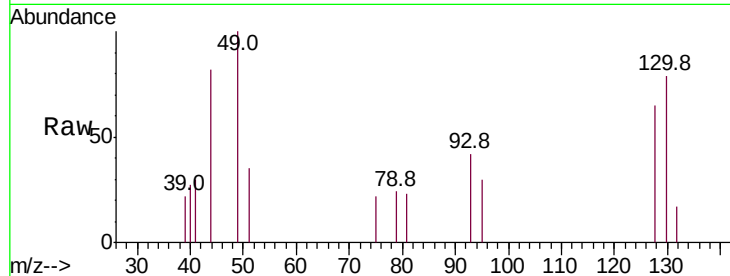
#26
Bromochloromethane
Concen: 0.229 ug/l
RT: 4.53 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
128	100		
49	181.9	0.0	333.4
130	128.7	103.4	155.2

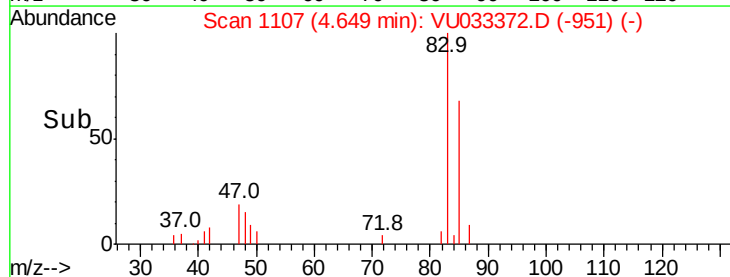
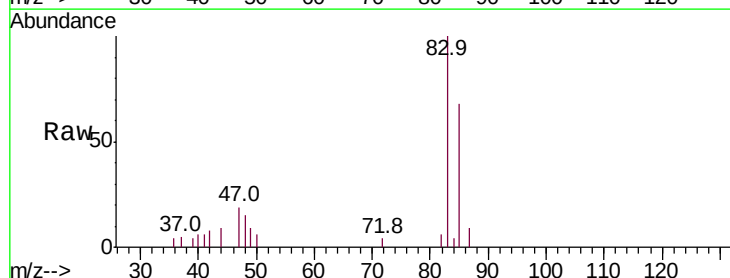
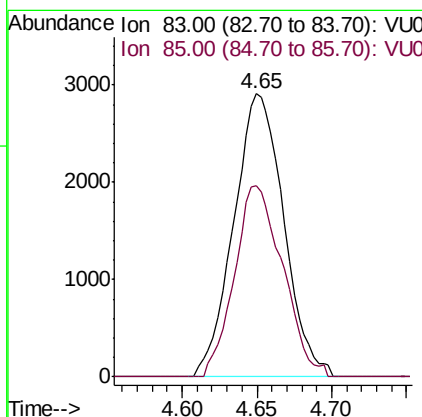
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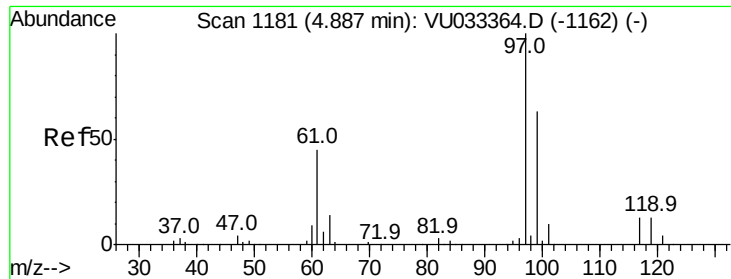
MMDadoda
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#27
Chloroform
Concen: 0.392 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	0.0	129.8





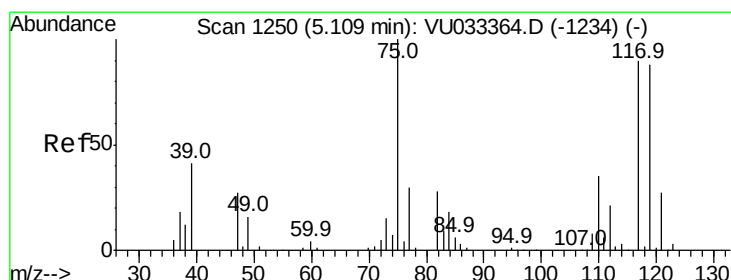
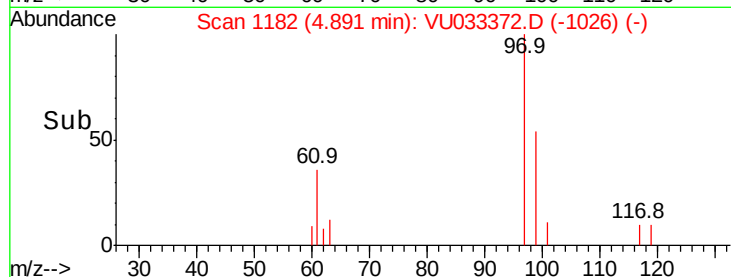
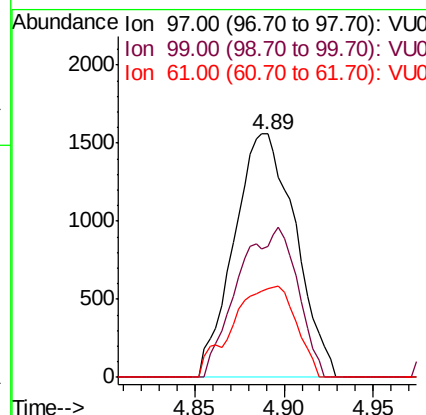
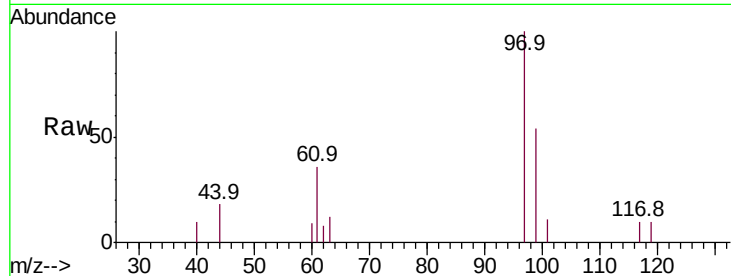
#28
 1,1,1-Trichloroethane
 Concen: 0.279 ug/l
 RT: 4.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
97	100		
99	60.1	31.9	95.5
61	38.7	22.7	68.0

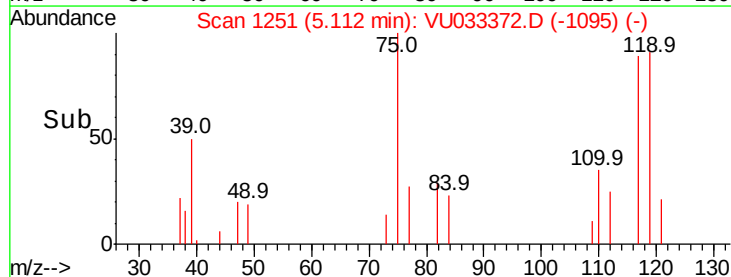
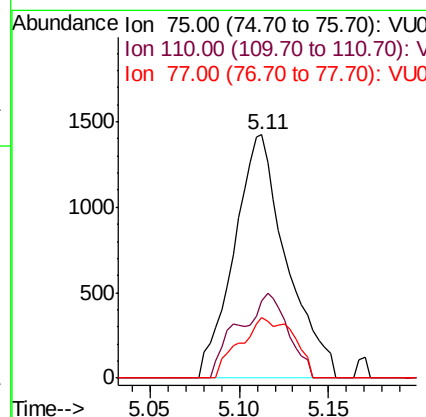
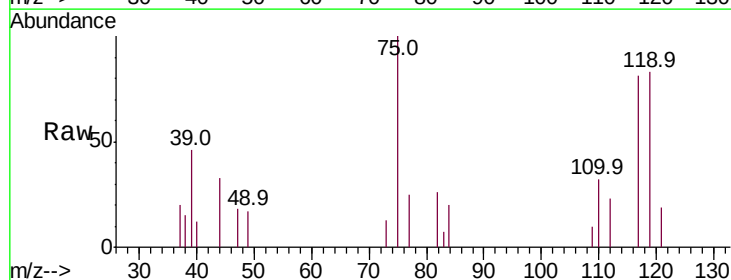
Manual Integrations
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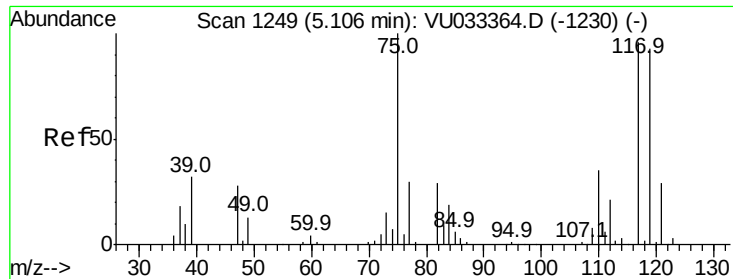
MMDadoda
 7/25/2019 3:05:17 PM



#29
 1,1-Dichloropropene
 Concen: 0.263 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.5	52.6
77	25.4	25.1	37.7





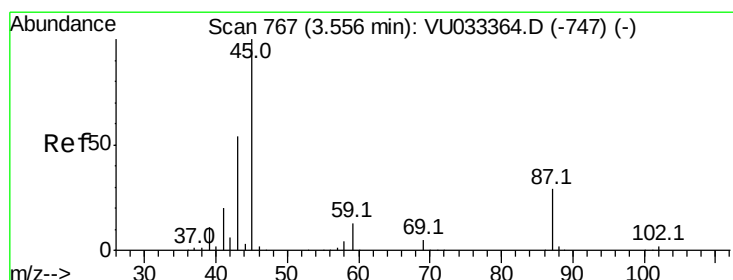
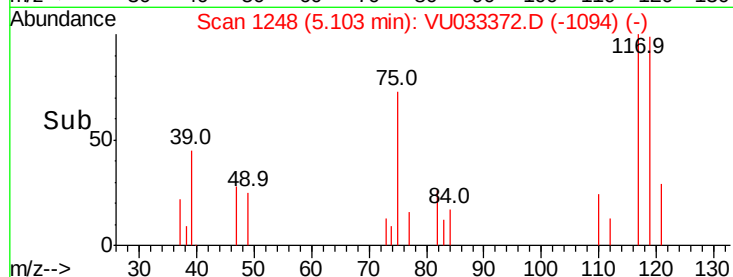
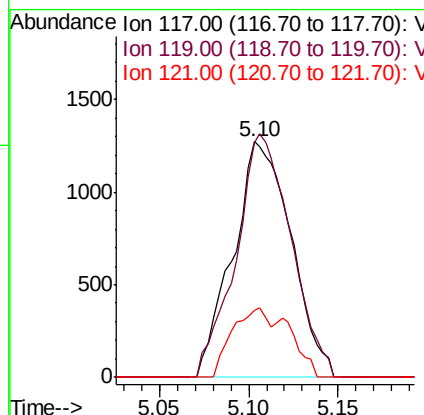
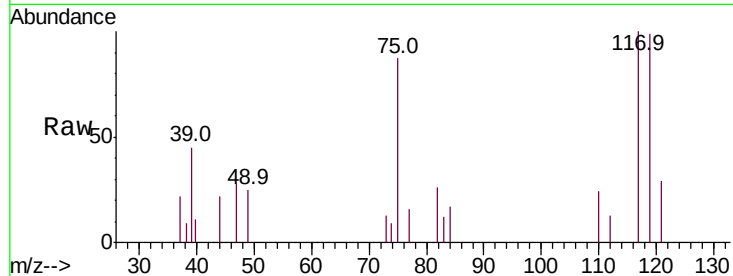
#30
Carbon Tetrachloride
Concen: 0.246 ug/l
RT: 5.10 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:117 Resp: 2899
Ion Ratio Lower Upper
117 100
119 99.4 77.9 116.9
121 28.6 24.0 36.0

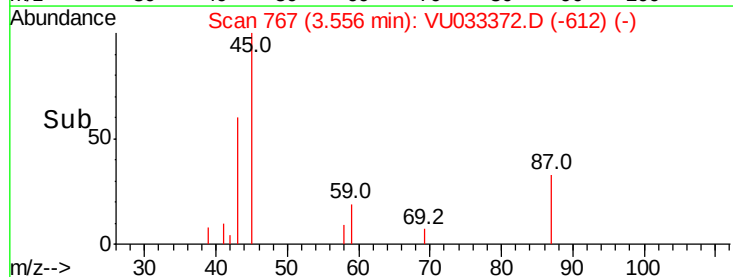
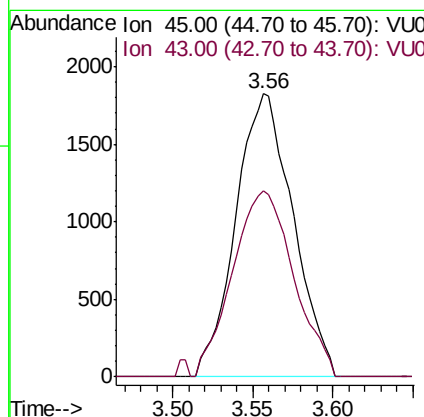
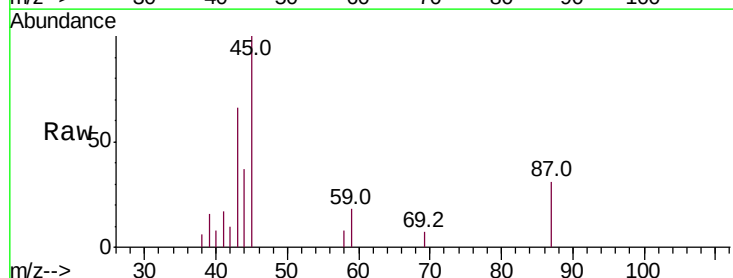
Manual Integrations
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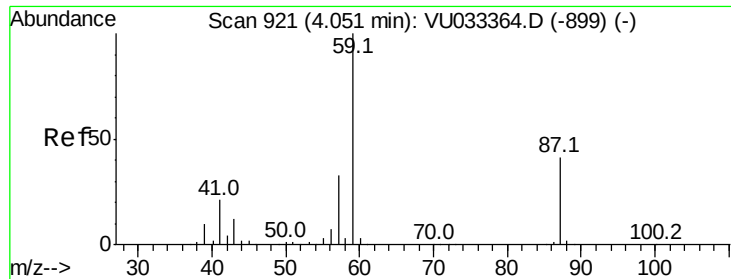
MMDadoda
7/25/2019 3:05:17 PM



#31
Isopropyl Ether
Concen: 0.234 ug/l
RT: 3.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 45 Resp: 4482
Ion Ratio Lower Upper
45 100
43 70.2 27.8 83.3





#32

Ethyl-t-butyl ether

Concen: 0.243 ug/l

RT: 4.05 min Scan# 922

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 59 Resp: 4477

Ion Ratio Lower Upper

59 100

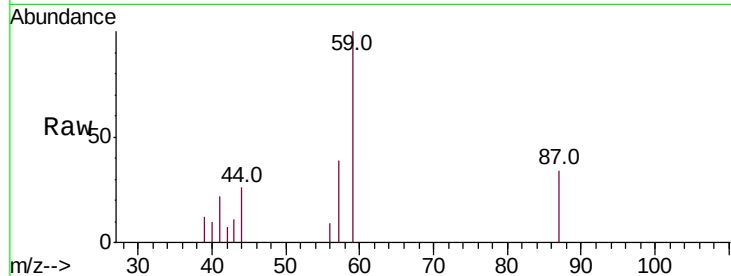
87 29.8 33.8 50.6#

Manual Integrations

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Abundance Ion 59.00 (58.70 to 59.70): VU033364.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VU033364.D (-899) (-)

2000

1500

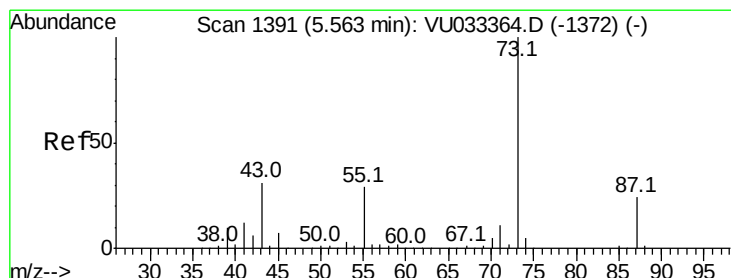
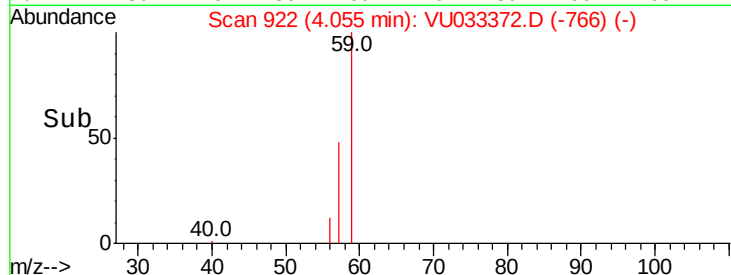
1000

500

0

4.00 4.05 4.10

Time-->



#33

Tert-Amyl methyl ether

Concen: 0.210 ug/l

RT: 5.57 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

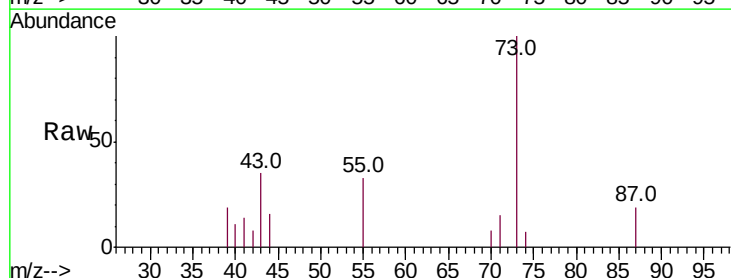
Tgt Ion: 73 Resp: 3476

Ion Ratio Lower Upper

73 100

87 19.4 18.9 28.3

71 11.7 9.3 13.9



Abundance Ion 73.00 (72.70 to 73.70): VU033364.D (-1372) (-)

Ion 87.00 (86.70 to 87.70): VU033364.D (-1372) (-)

Ion 71.00 (70.70 to 71.70): VU033364.D (-1372) (-)

2000

1500

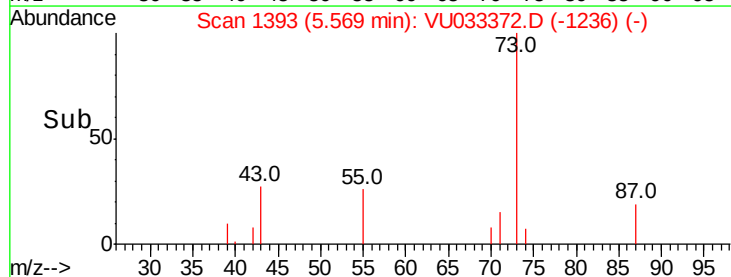
1000

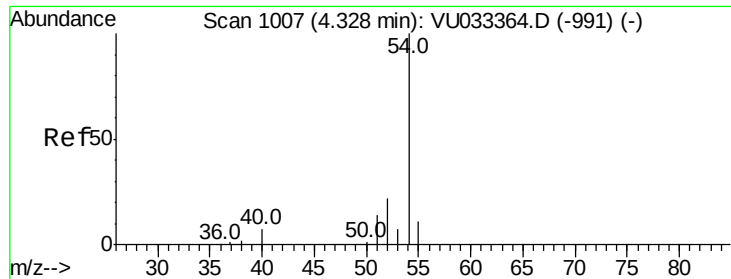
500

0

5.50 5.55 5.60

Time-->





#34

Propionitrile

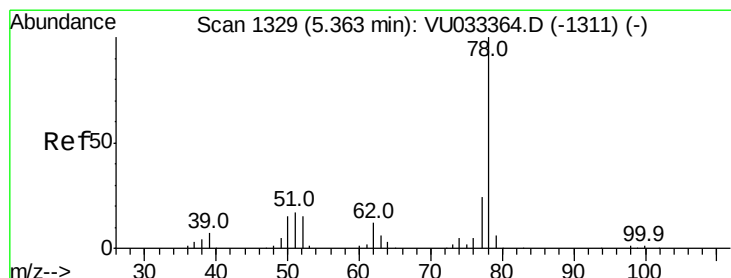
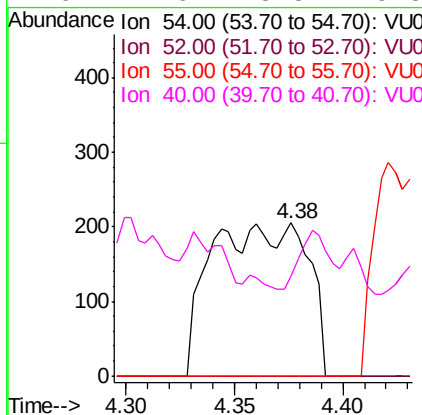
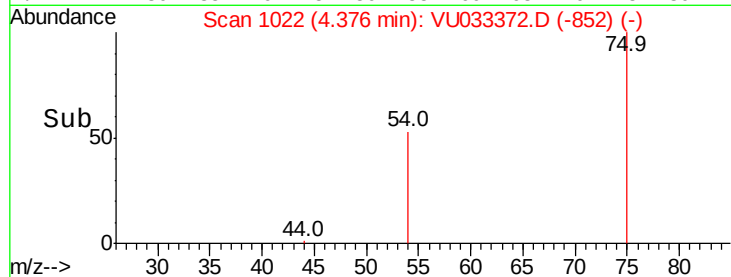
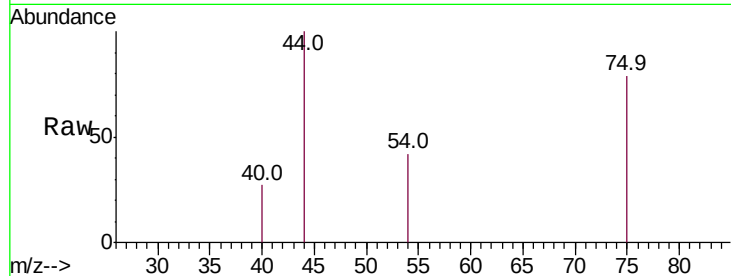
Concen: 1.015 ug/l m
 RT: 4.38 min Scan# 1022
 Delta R.T. 0.05 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion: 54 Resp: 629
 Ion Ratio Lower Upper
 54 100
 52 0.0 17.1 25.7#
 55 0.0 11.6 17.4#
 40 11.6 3.5 5.3#

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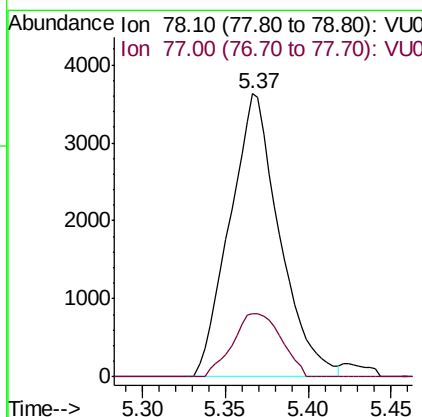
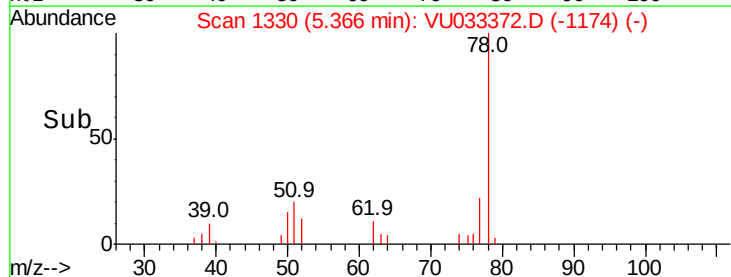
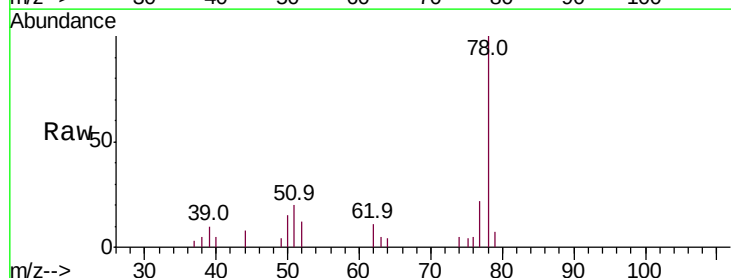


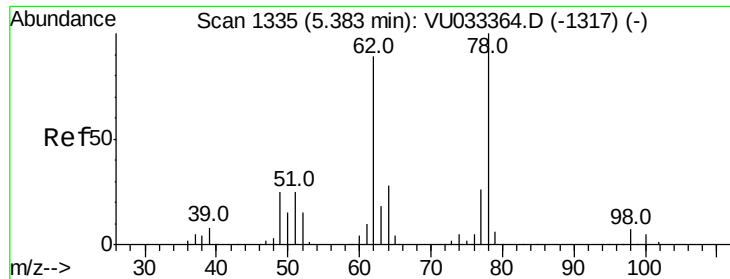
#35

Benzene

Concen: 0.237 ug/l
 RT: 5.37 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion: 78 Resp: 7574
 Ion Ratio Lower Upper
 78 100
 77 22.4 19.4 29.2





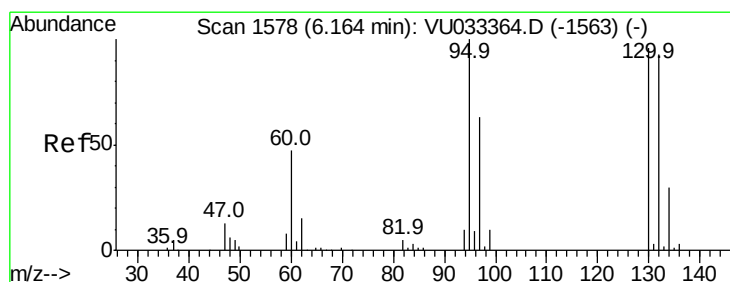
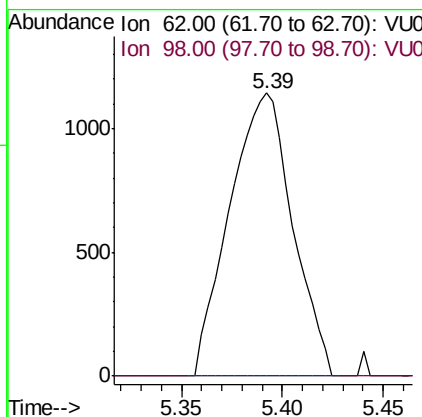
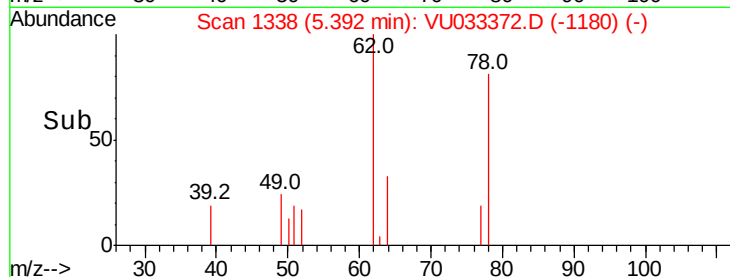
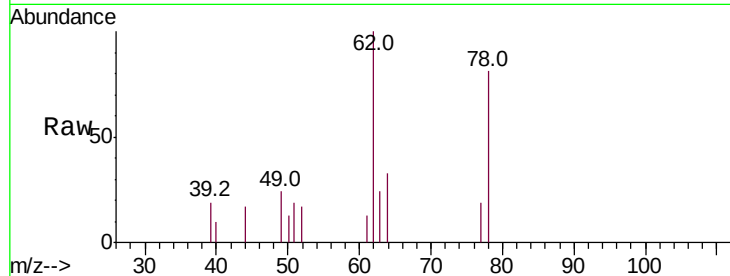
#36
 1,2-Dichloroethane
 Concen: 0.234 ug/l
 RT: 5.39 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion: 62 Resp: 2489
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.5 9.7#

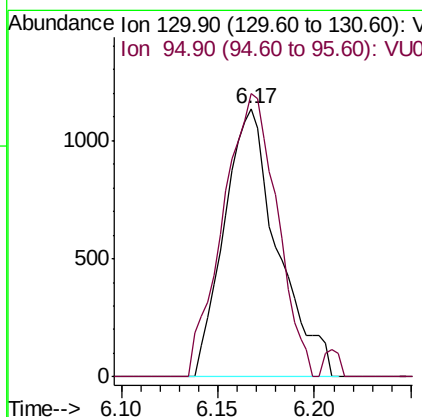
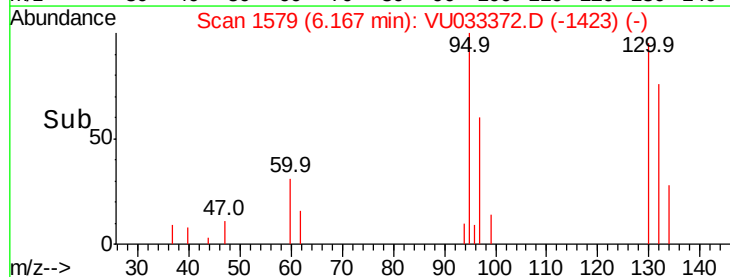
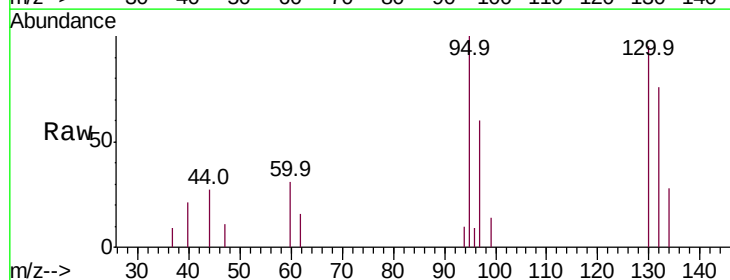
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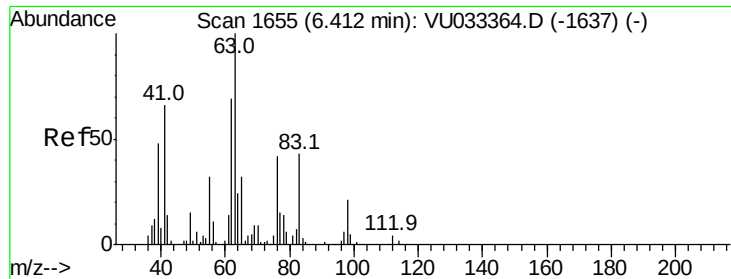
MMDadoda
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#37
 Trichloroethene
 Concen: 0.259 ug/l
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion:130 Resp: 2180
 Ion Ratio Lower Upper
 130 100
 95 105.6 83.4 125.0





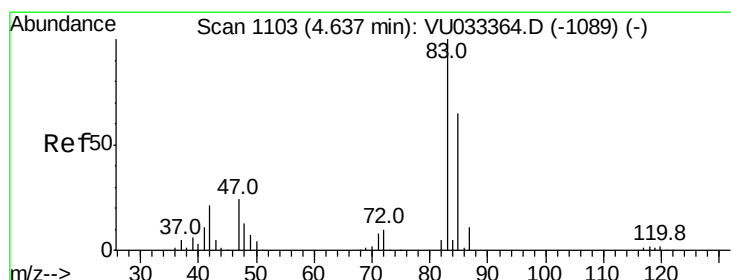
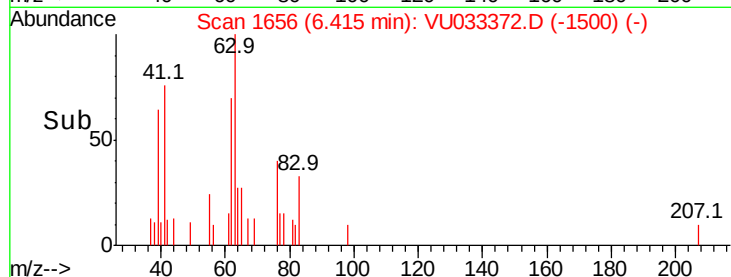
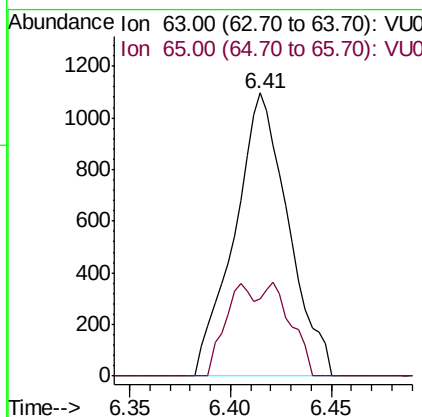
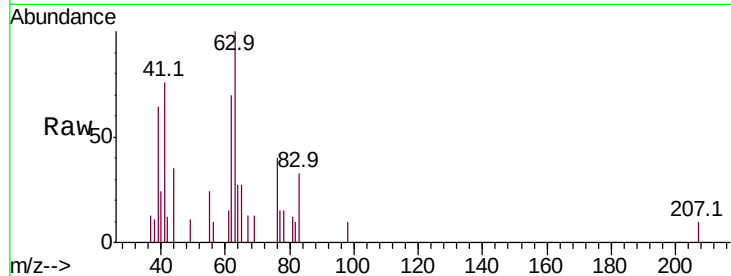
#38
 1,2-Dichloropropane
 Concen: 0.232 ug/l
 RT: 6.41 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion: 63 Resp: 2040
 Ion Ratio Lower Upper
 63 100
 65 27.1 25.7 38.5

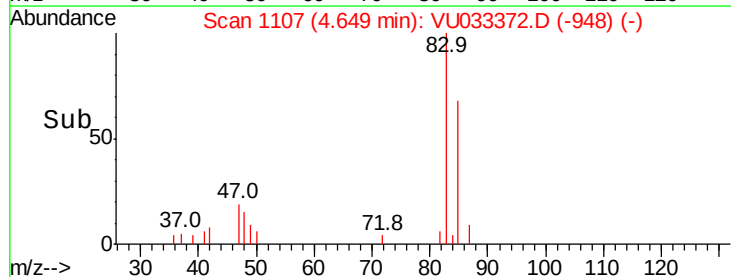
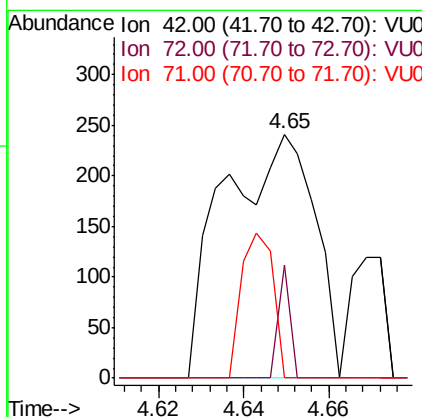
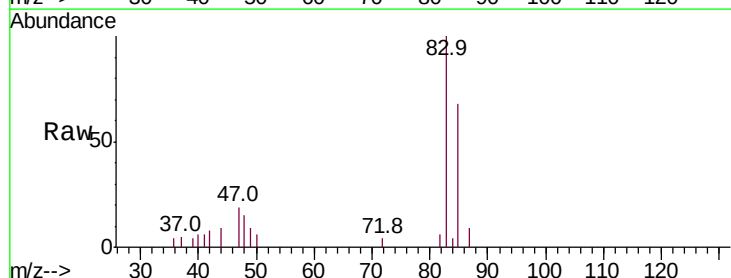
Manual Integrations
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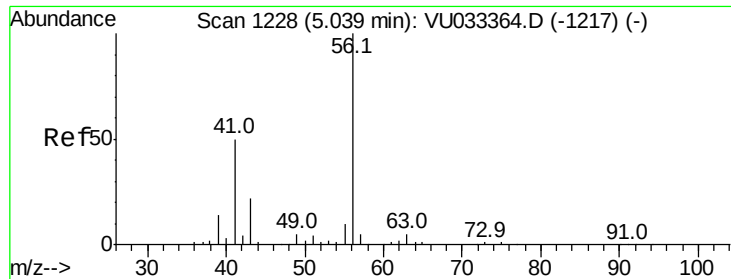
MMDadoda
 7/25/2019 3:05:17 PM



#41
 Tetrahydrofuran
 Concen: 0.290 ug/l m
 RT: 4.65 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion: 42 Resp: 358
 Ion Ratio Lower Upper
 42 100
 72 0.0 38.7 58.1#
 71 0.0 34.6 52.0#





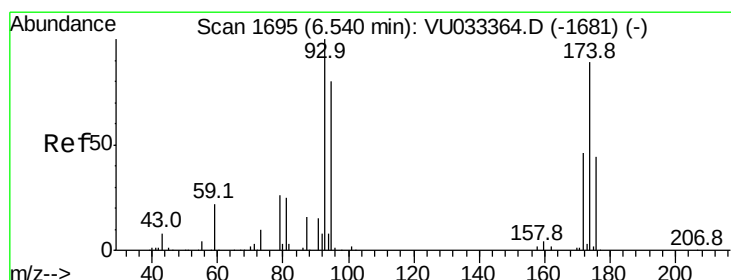
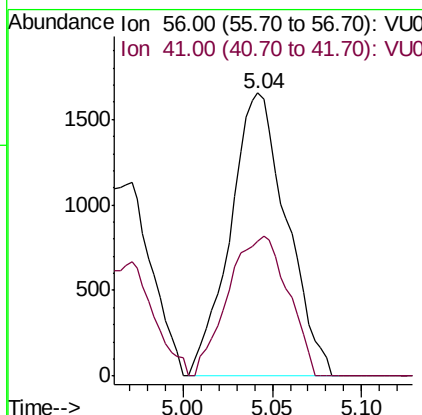
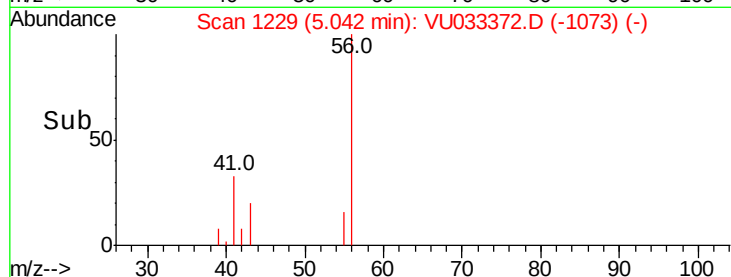
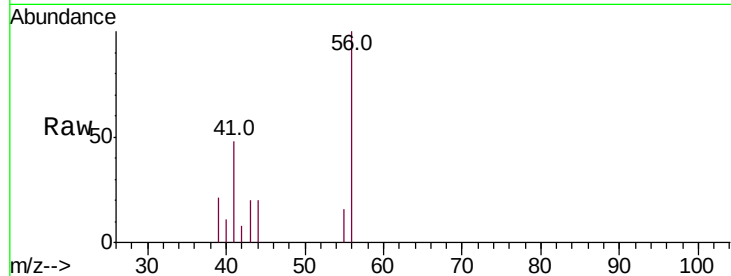
#42
1-Chlorobutane
Concen: 0.246 ug/l
RT: 5.04 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 56 Resp: 3646
Ion Ratio Lower Upper
56 100
41 52.4 25.7 77.1

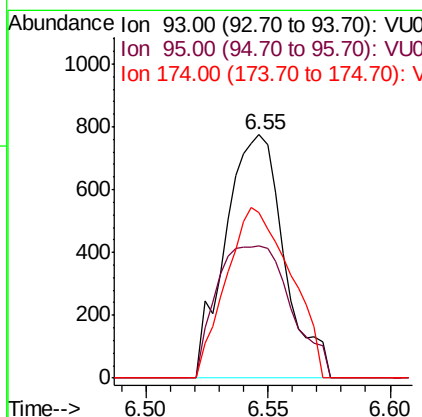
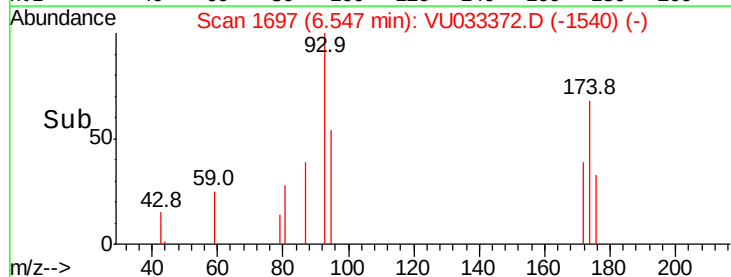
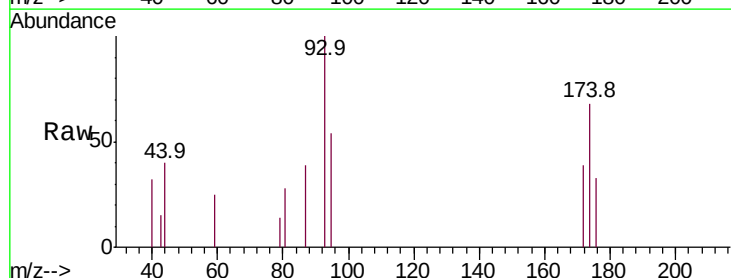
Manual Integrations
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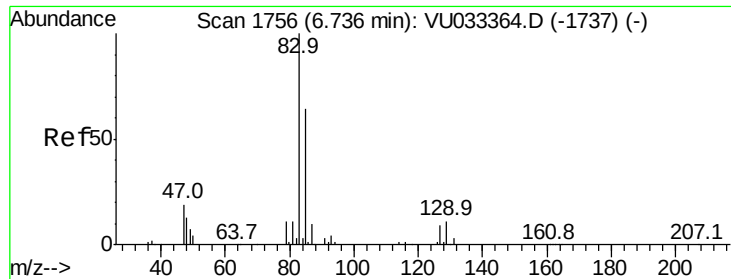
MMDadoda
7/25/2019 3:05:17 PM



#43
Dibromomethane
Concen: 0.264 ug/l
RT: 6.55 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 93 Resp: 1287
Ion Ratio Lower Upper
93 100
95 69.0 65.3 97.9
174 77.2 70.7 106.1





#44

Bromodichloromethane

Concen: 0.277 ug/l

RT: 6.74 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

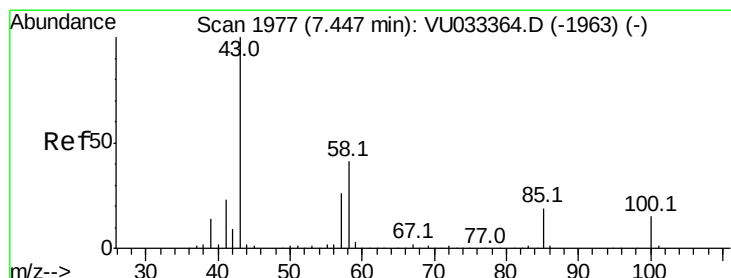
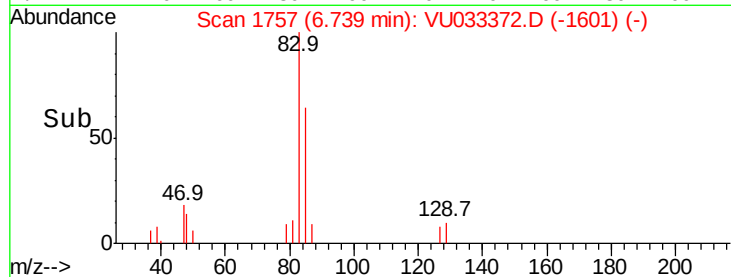
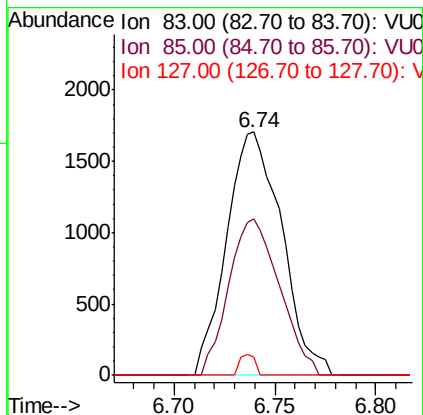
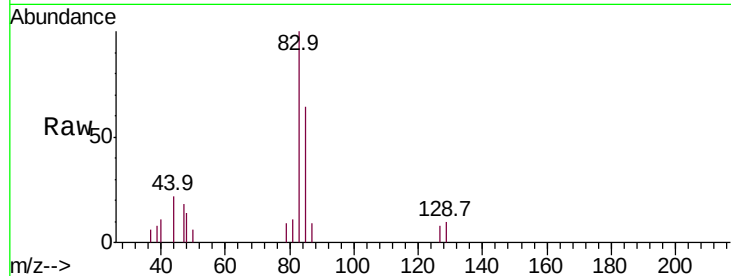
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	83	Resp:	3256
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.1	76.7
127	7.6	7.2	10.8

Manual Integrations
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7/25/2019 3:05:17 PM



#45

4-Methyl-2-Pentanone

Concen: 1.119 ug/l

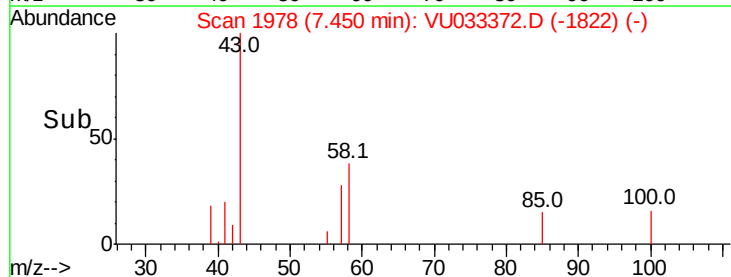
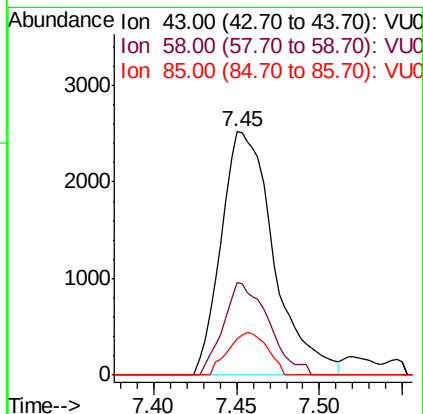
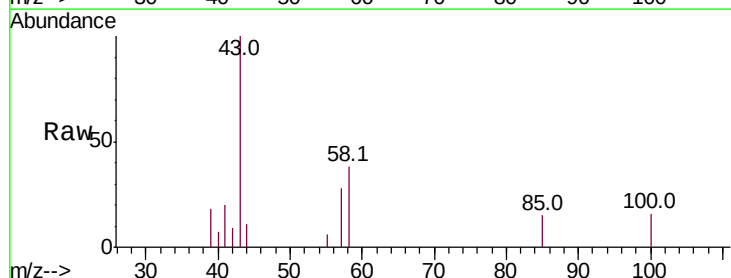
RT: 7.45 min Scan# 1978

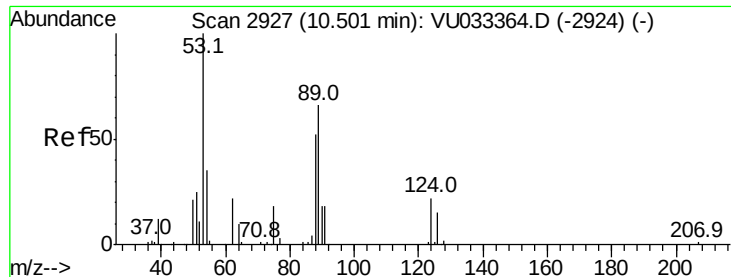
Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Tgt Ion:	43	Resp:	5565
Ion	Ratio	Lower	Upper
43	100		
58	32.8	20.3	60.8
85	13.0	15.0	22.6#





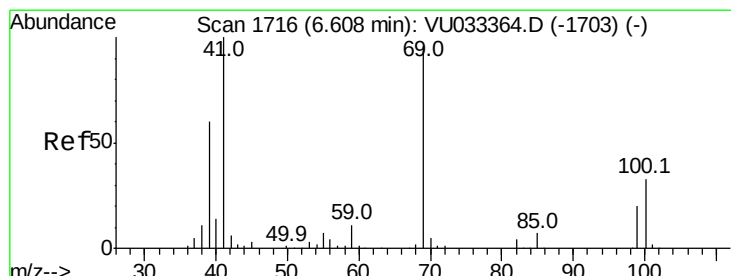
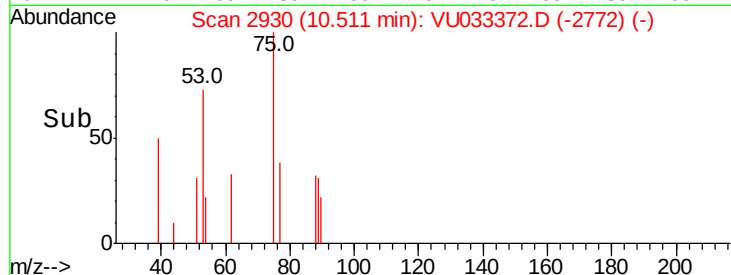
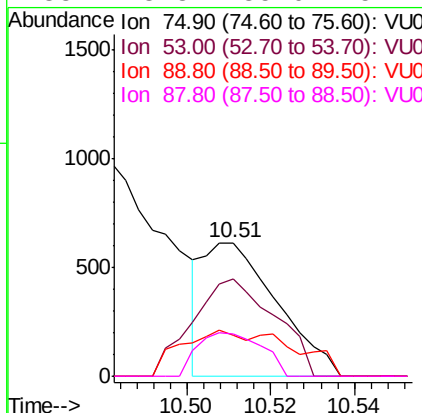
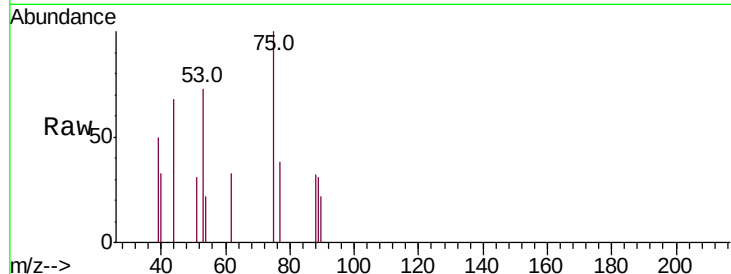
#46
t-1,4-Dichloro-2-butene
Concen: 0.370 ug/l m
RT: 10.51 min Scan# 2930
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.6	62.9	94.3
89	30.7	43.0	64.4#
88	28.8	35.0	52.4#

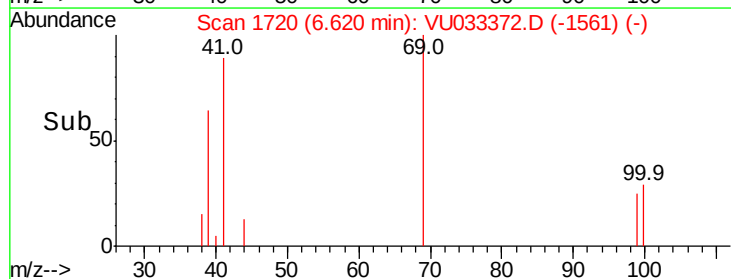
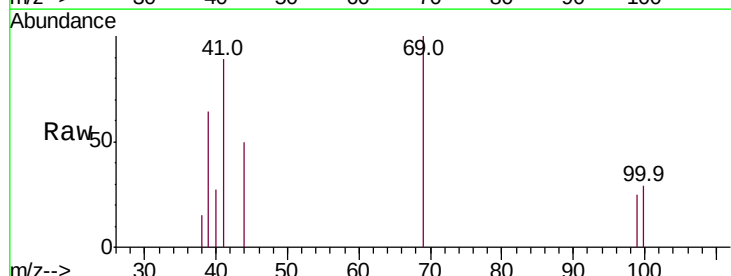
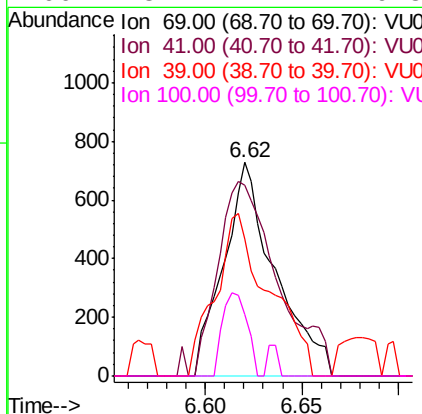
Manual Integrations
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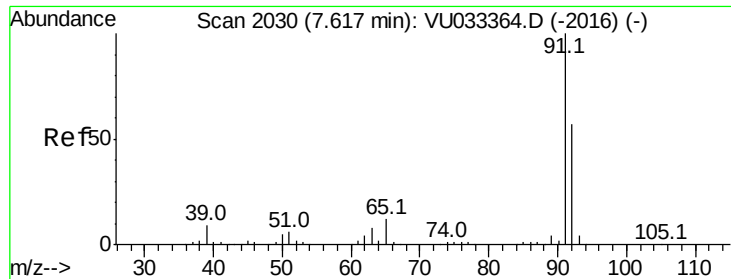
MMDadoda
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#47
Methyl methacrylate
Concen: 0.361 ug/l
RT: 6.62 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	106.0	0.0	208.2
39	79.4	50.6	75.8#
100	18.7	27.2	40.8#





#49

Toluene

Concen: 0.209 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 92 Resp: 3831

Ion Ratio Lower Upper

92 100

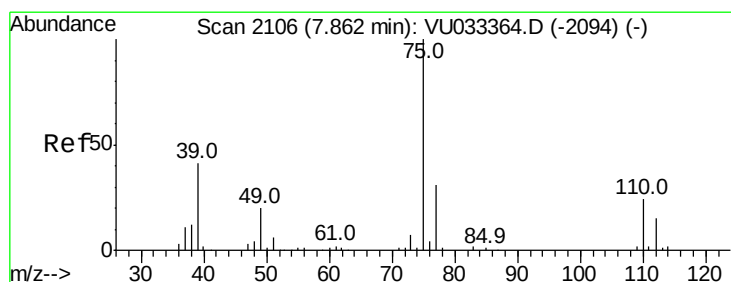
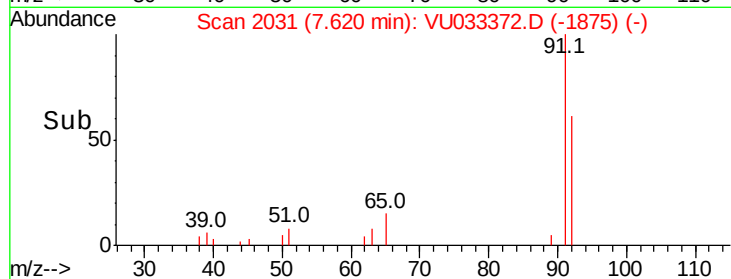
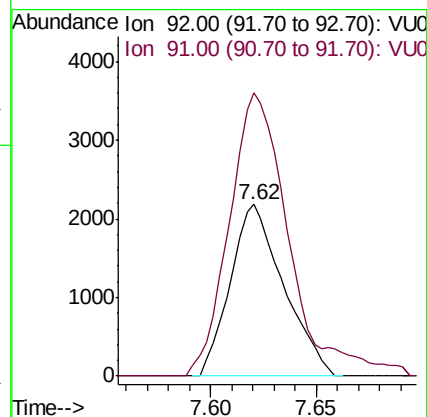
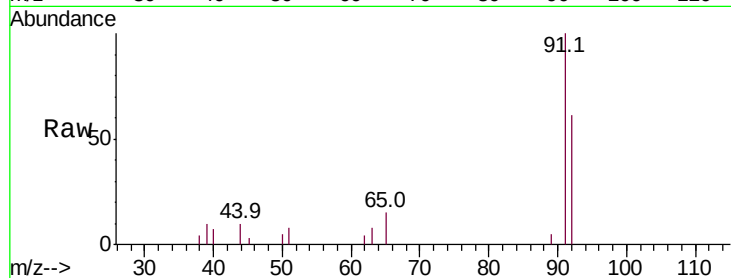
91 185.0 142.1 213.1

Manual Integrations

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MMDadoda

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#50

t-1,3-Dichloropropene

Concen: 0.202 ug/l

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VU033372.D

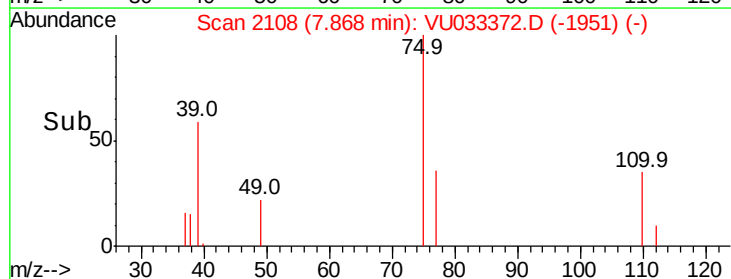
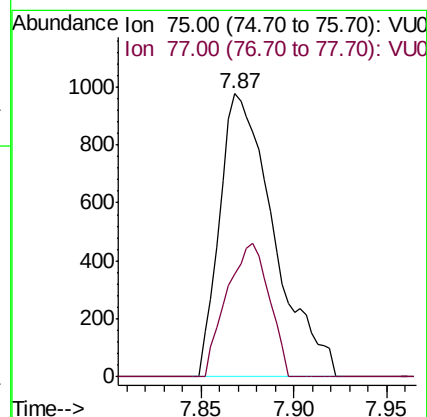
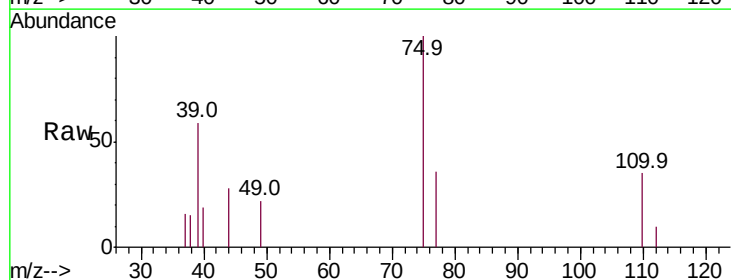
Acq: 23 Jul 2019 11:00

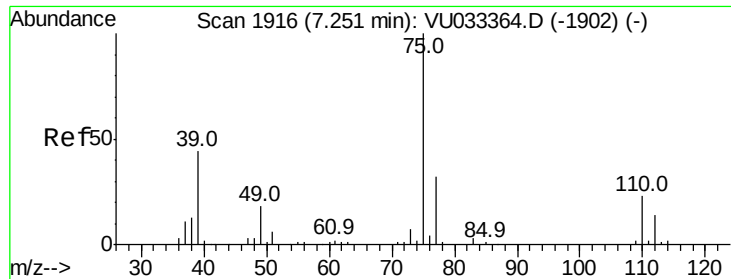
Tgt Ion: 75 Resp: 1983

Ion Ratio Lower Upper

75 100

77 36.3 25.2 37.8





#51

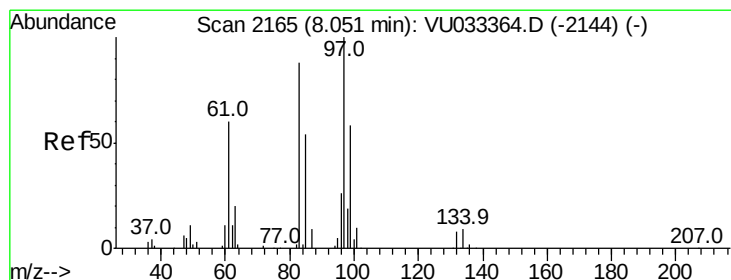
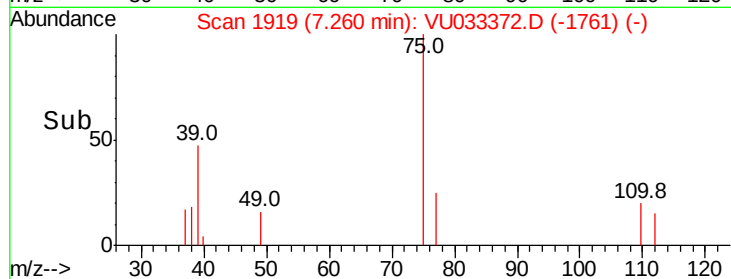
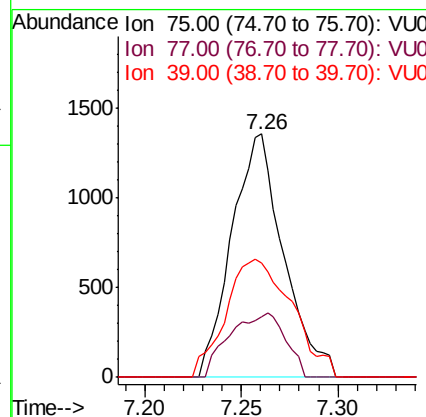
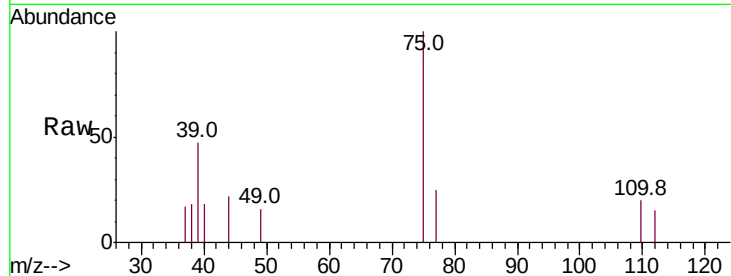
cis-1,3-Dichloropropene
 Concen: 0.218 ug/l
 RT: 7.26 min Scan# 1919
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
75	100		
77	25.1	25.8	38.8#
39	47.1	35.2	52.8

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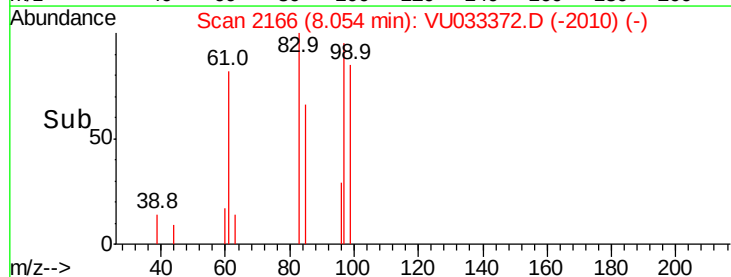
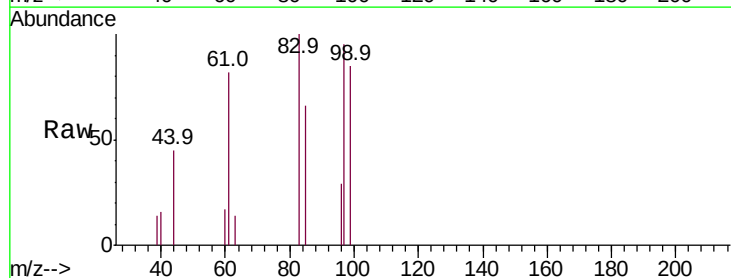
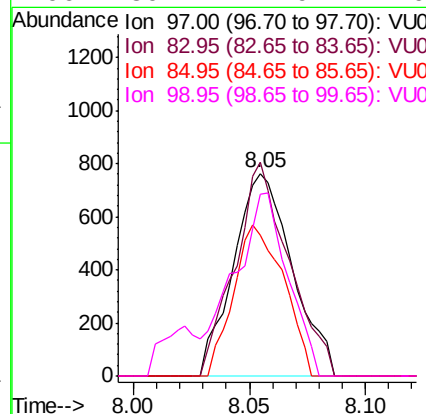
MMDadoda
 7/25/2019 3:05:17 PM

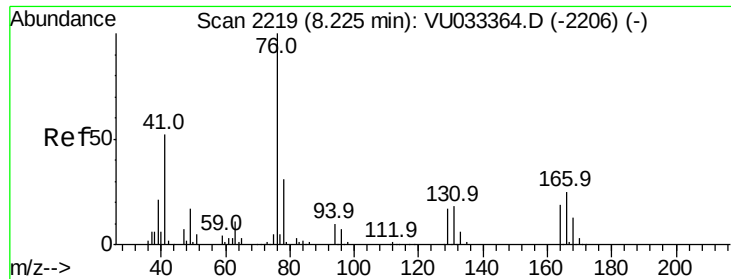


#52

1,1,2-Trichloroethane
 Concen: 0.206 ug/l
 RT: 8.05 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	105.4	70.2	105.2#
85	69.5	43.5	65.3#
99	89.7	47.9	71.9#





#53

1,3-Dichloropropane

Concen: 0.231 ug/l

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U

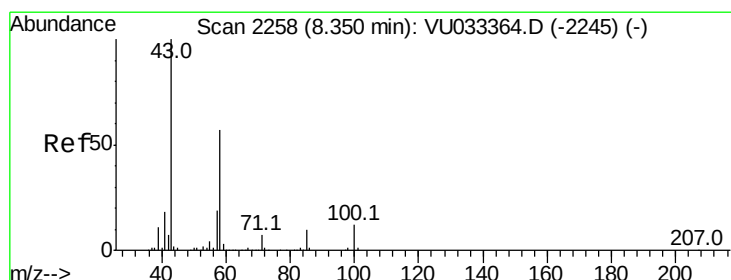
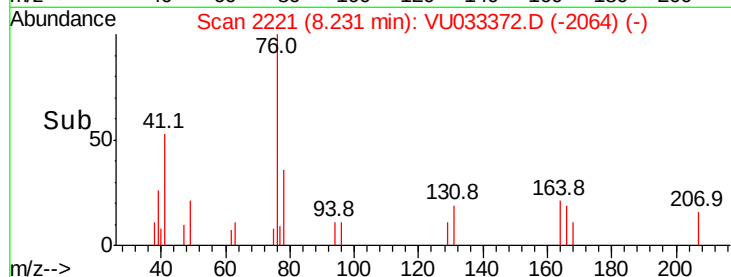
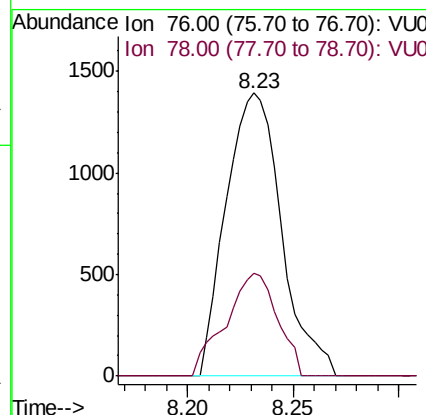
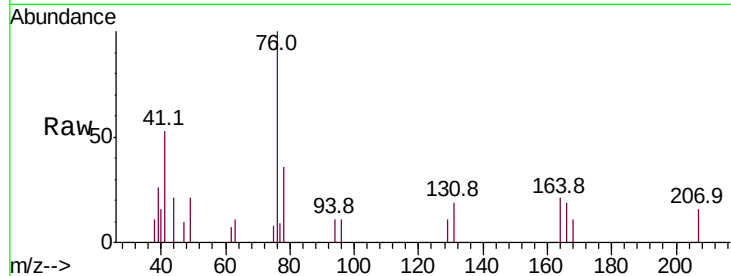
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 76 Resp: 2544

Ion	Ratio	Lower	Upper
76	100		
78	33.9	25.7	38.5

Manual Integrations
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#54

2-Hexanone

Concen: 0.953 ug/l

RT: 8.36 min Scan# 2262

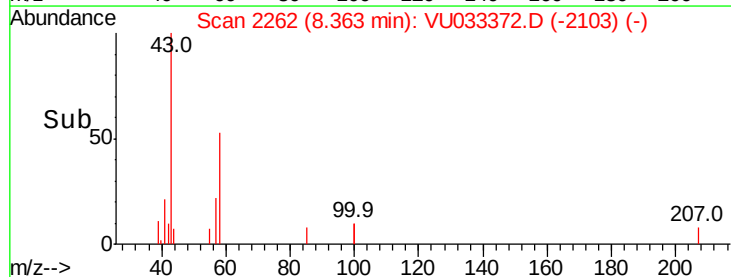
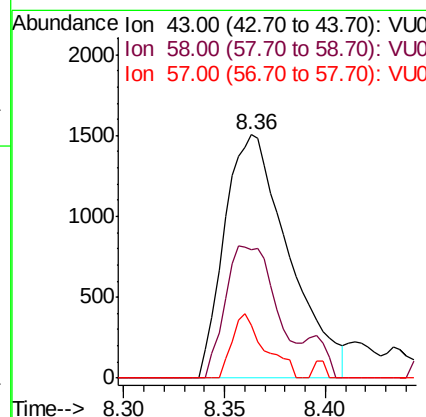
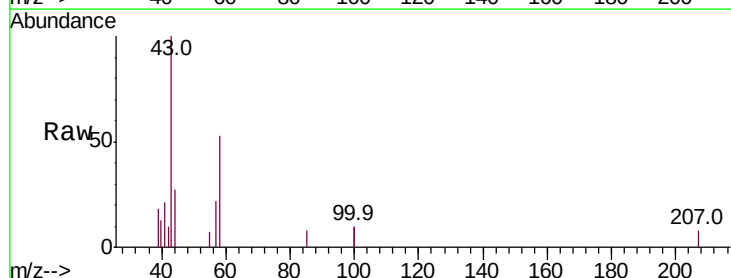
Delta R.T. 0.01 min

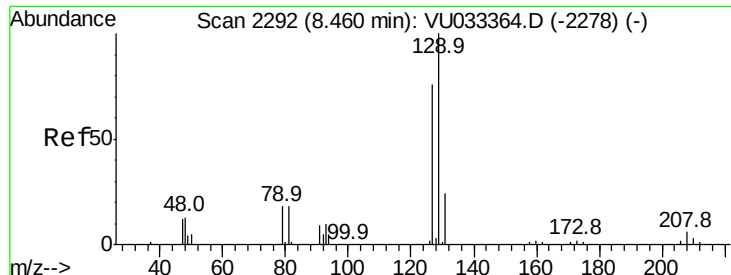
Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Tgt Ion: 43 Resp: 3339

Ion	Ratio	Lower	Upper
43	100		
58	42.3	36.0	76.0
57	13.6	0.0	39.4





#55

Dibromochloromethane

Concen: 0.244 ug/l

RT: 8.47 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:129 Resp: 1860

Ion Ratio Lower Upper

129 100

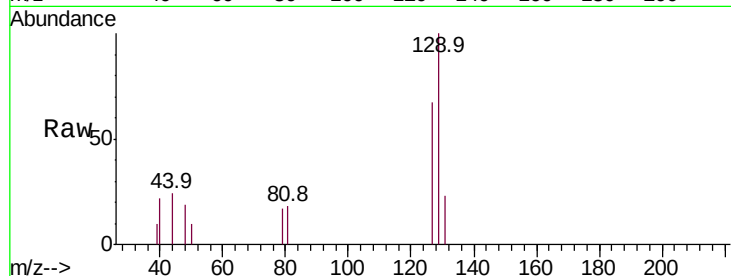
127 75.9 60.9 91.3

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.47

1200

1000

800

600

400

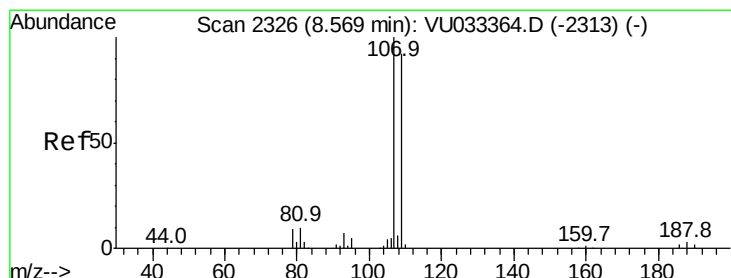
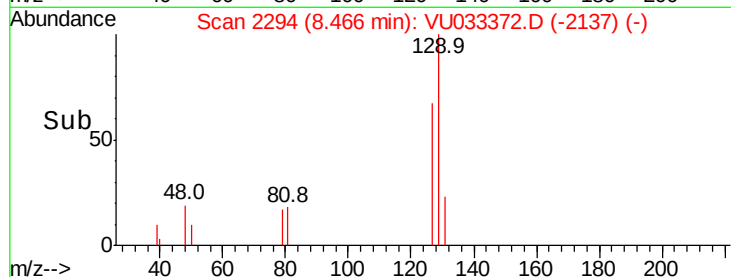
200

0

8.45

8.50

Time-->



#56

1,2-Dibromoethane

Concen: 0.218 ug/l

RT: 8.58 min Scan# 2328

Delta R.T. 0.01 min

Lab File: VU033372.D

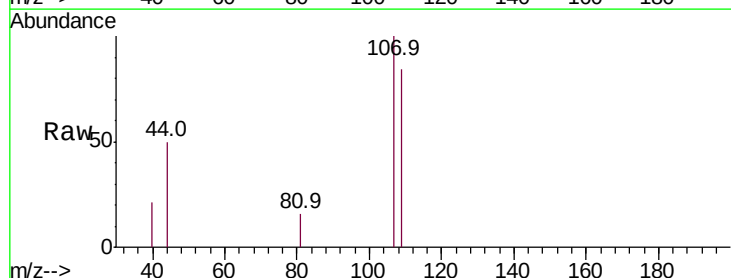
Acq: 23 Jul 2019 11:00

Tgt Ion:107 Resp: 1327

Ion Ratio Lower Upper

107 100

109 91.8 0.0 184.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.58

800

600

400

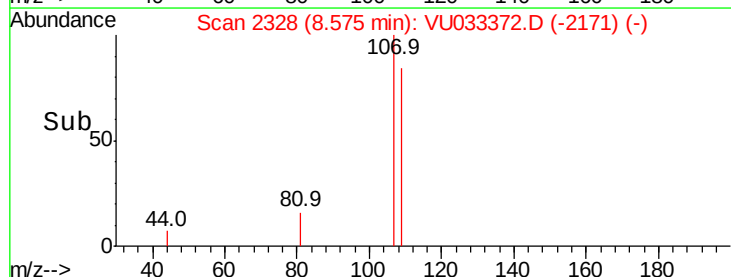
200

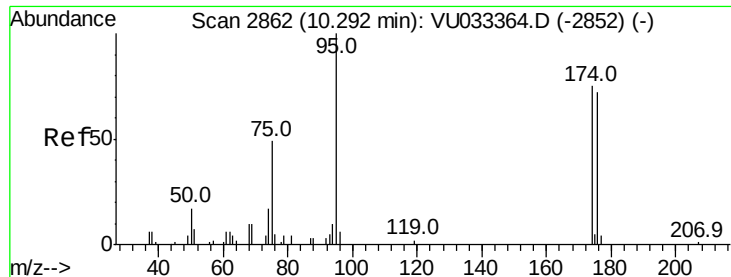
0

8.55

8.60

Time-->





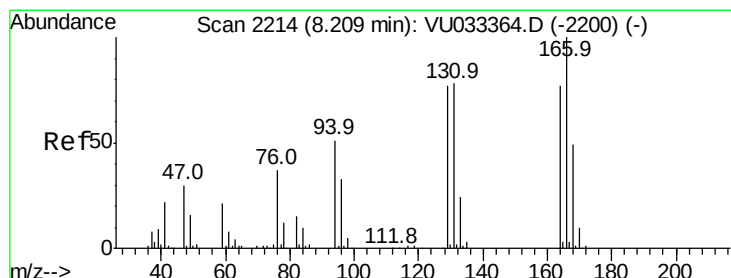
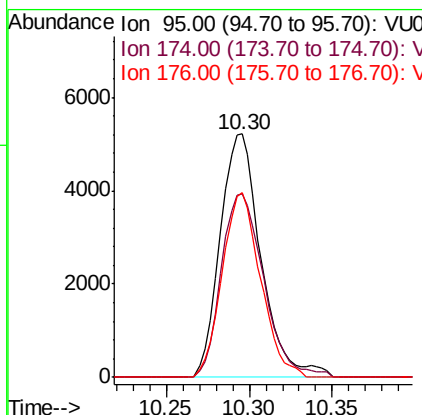
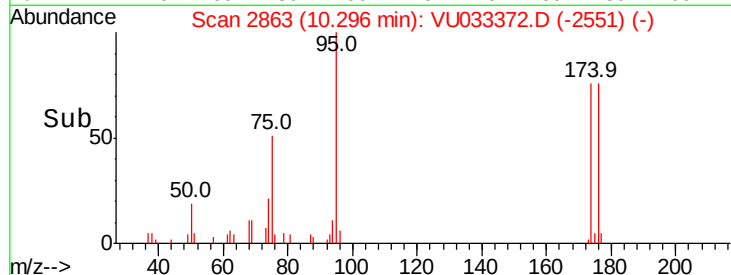
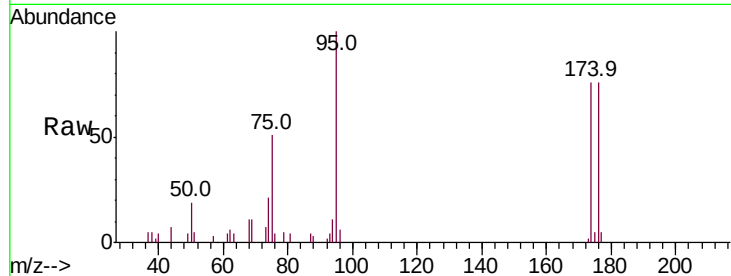
#57
4-Bromofluorobenzene
Concen: 0.850 ug/l
RT: 10.30 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
95	100		
174	78.5	58.8	88.2
176	71.5	54.4	81.6

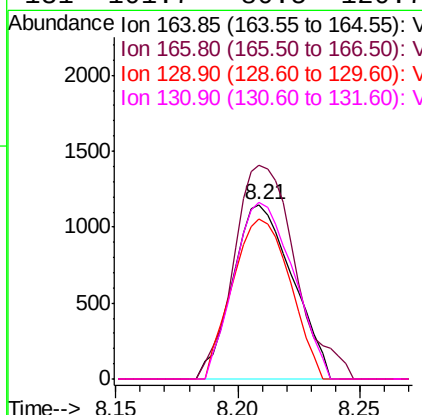
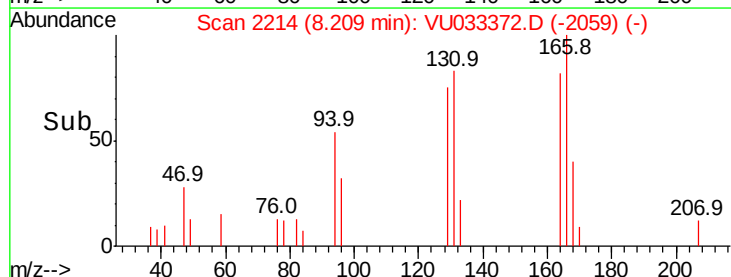
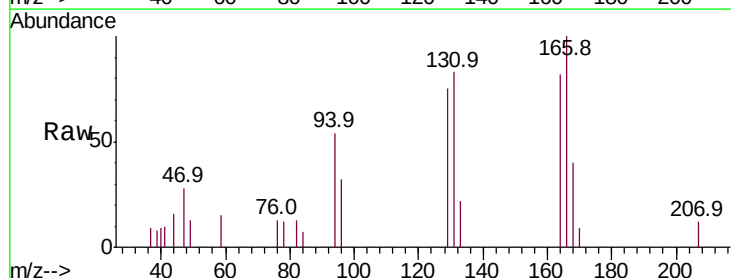
Manual Integrations
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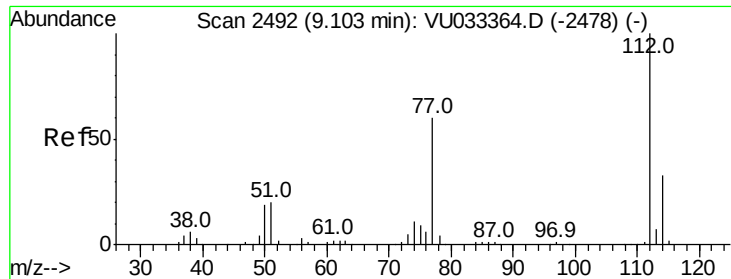
MMDadoda
7/25/2019 3:05:17 PM



#58
Tetrachloroethene
Concen: 0.256 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.6	103.8	155.6
129	91.6	79.7	119.5
131	101.7	80.5	120.7





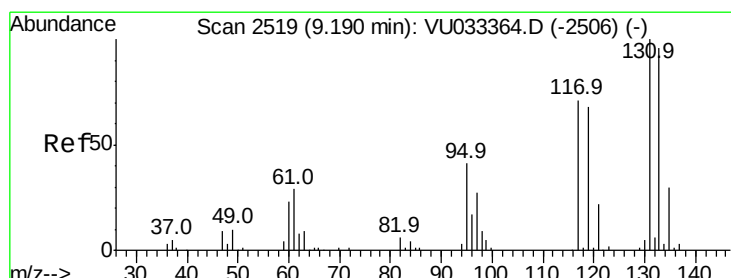
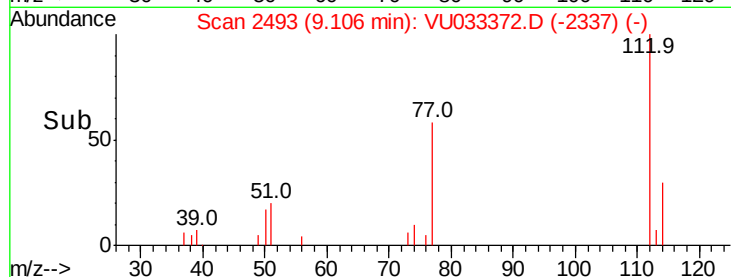
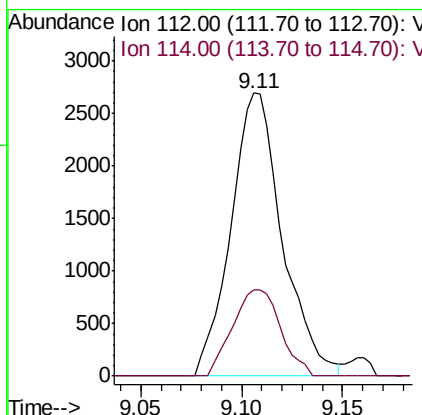
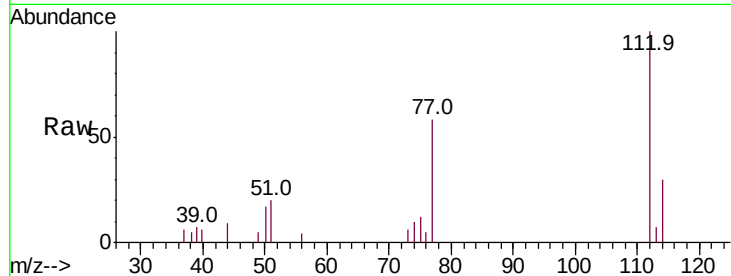
#59
Chlorobenzene
Concen: 0.229 ug/l
RT: 9.11 min Scan# 2493
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:112 Resp: 4807
Ion Ratio Lower Upper
112 100
114 30.5 26.4 39.6

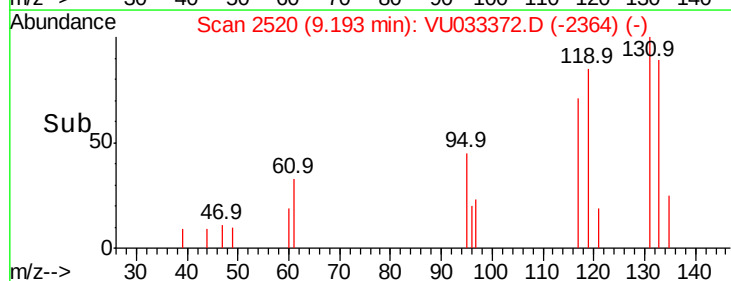
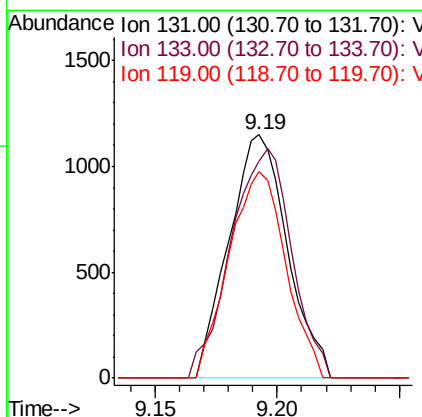
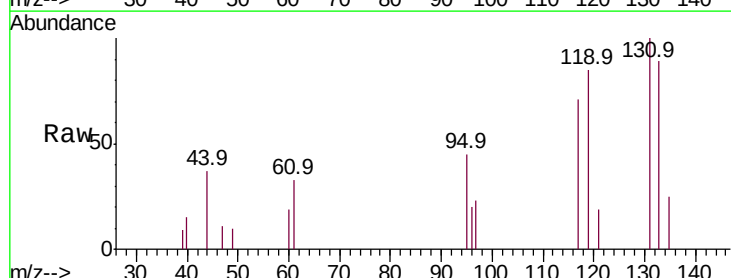
Manual Integrations
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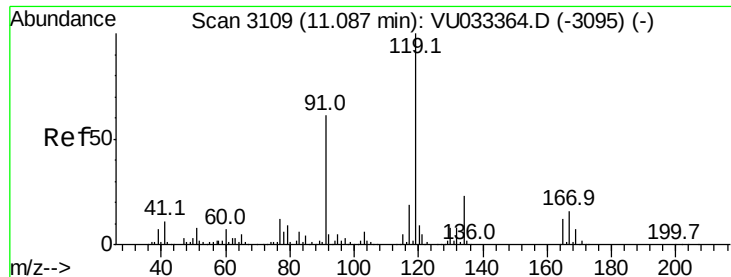
MMDadoda
7/25/2019 3:05:17 PM



#60
1,1,1,2-Tetrachloroethane
Concen: 0.239 ug/l
RT: 9.19 min Scan# 2520
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion:131 Resp: 1905
Ion Ratio Lower Upper
131 100
133 97.7 76.2 114.4
119 82.8 54.9 82.3#





#61

Pentachloroethane

Concen: 0.240 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. -0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:117 Resp: 1572

Ion Ratio Lower Upper

117 100

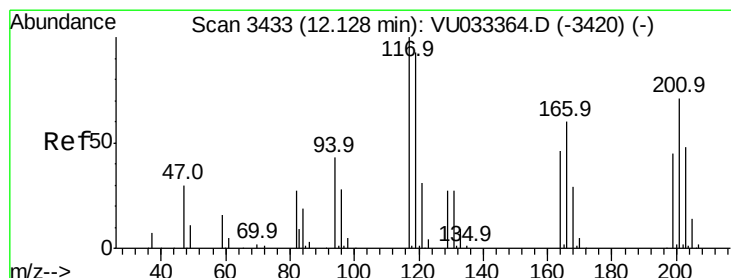
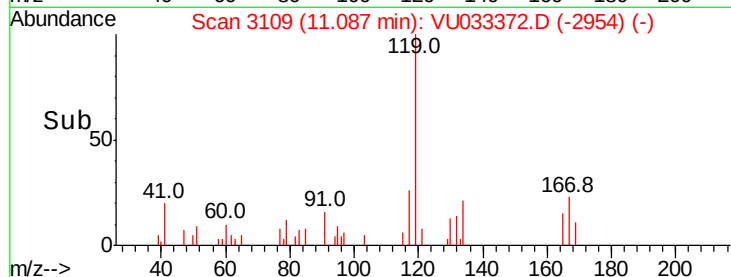
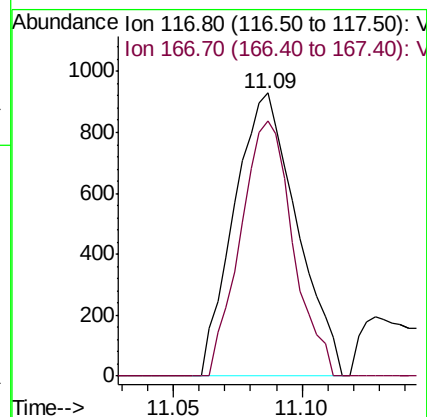
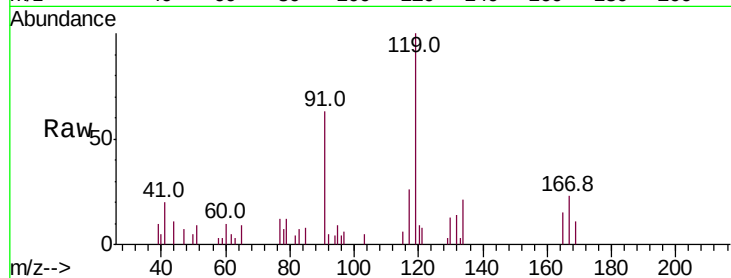
167 75.4 63.4 95.0

Manual Integrations

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7/25/2019 3:05:17 PM



#62

Hexachloroethane

Concen: 0.246 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. -0.00 min

Lab File: VU033372.D

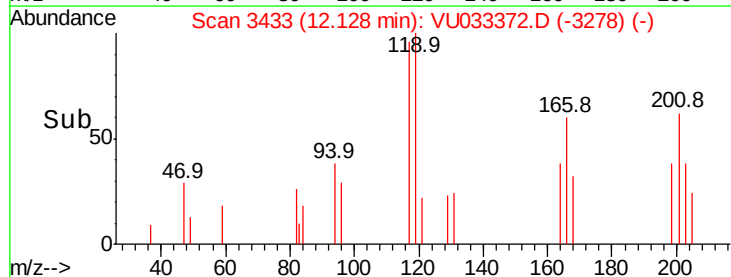
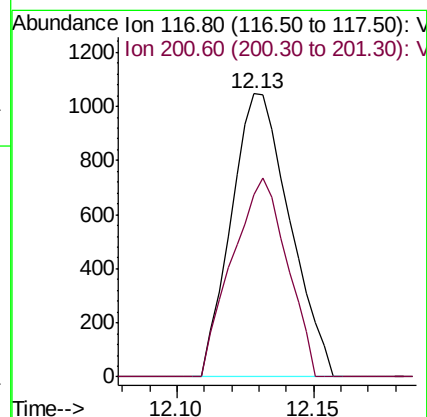
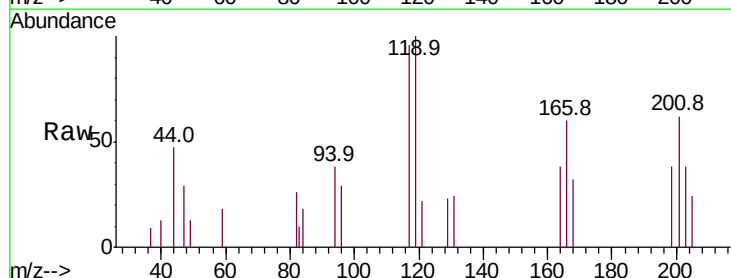
Acq: 23 Jul 2019 11:00

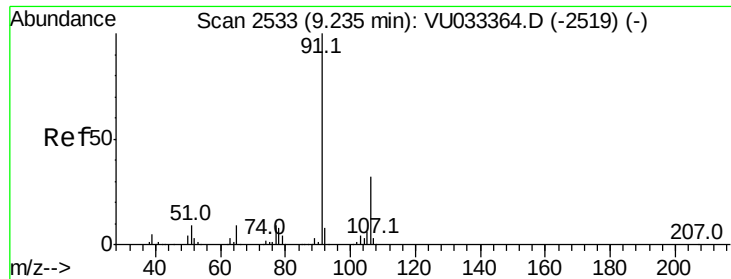
Tgt Ion:117 Resp: 1558

Ion Ratio Lower Upper

117 100

201 66.0 57.9 86.9





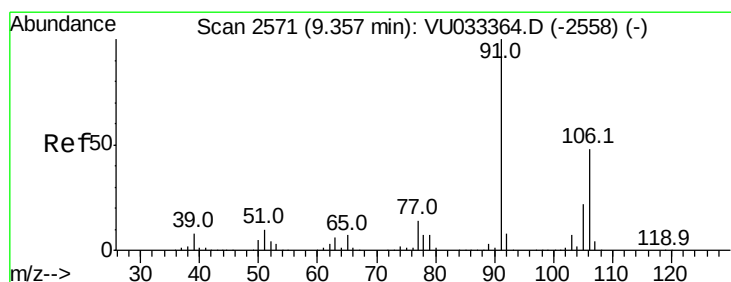
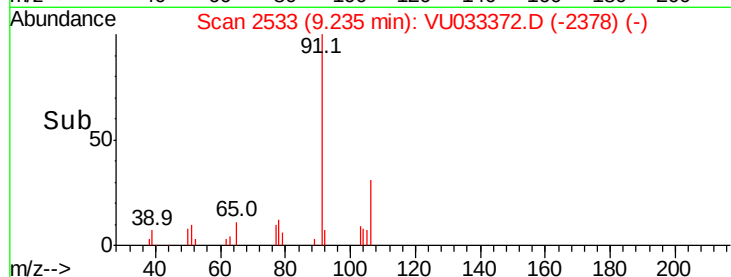
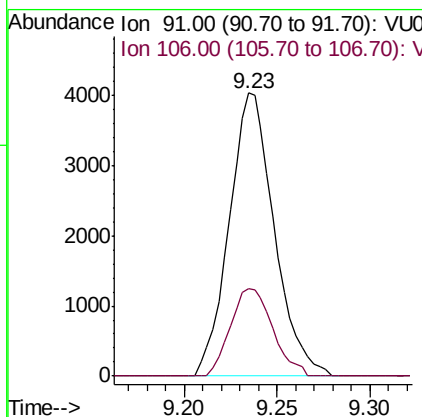
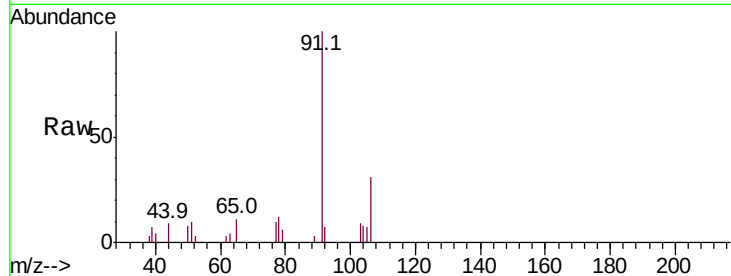
#63
Ethyl Benzene
Concen: 0.202 ug/l
RT: 9.23 min Scan# 2533
Delta R.T. -0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 91 Resp: 6800
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

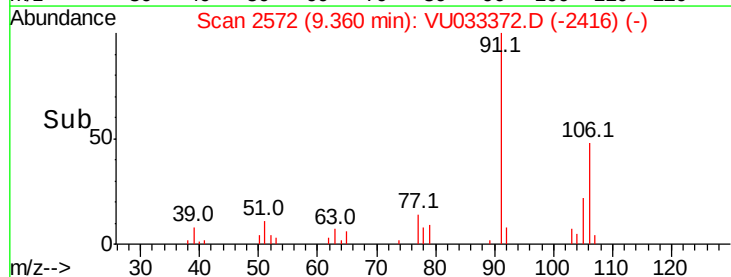
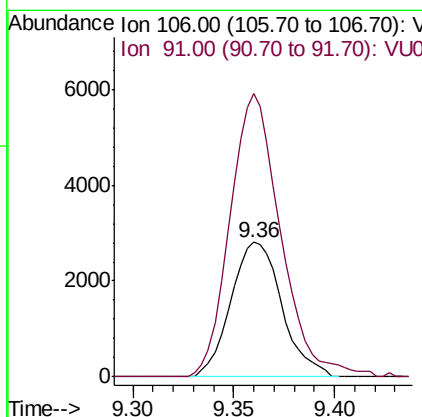
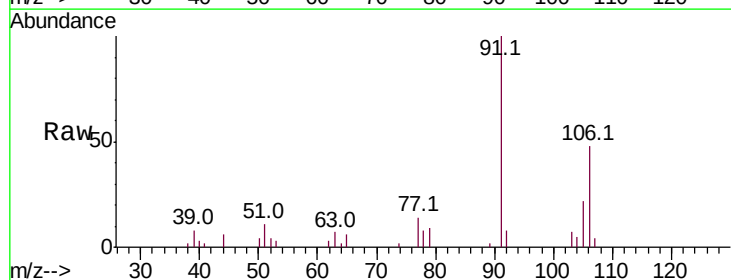
Manual Integrations
APPROVED

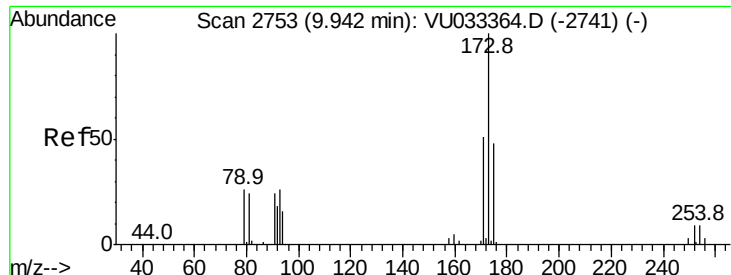
MMDadoda
7/25/2019 3:05:17 PM



#64
m/p-Xylenes
Concen: 0.370 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 106 Resp: 4976
Ion Ratio Lower Upper
106 100
91 208.7 167.1 250.7





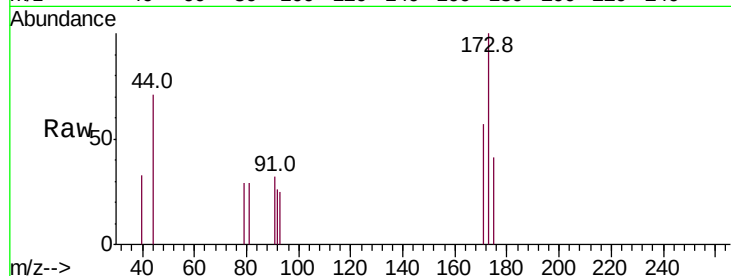
#67
Bromoform
Concen: 0.233 ug/l
RT: 9.95 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

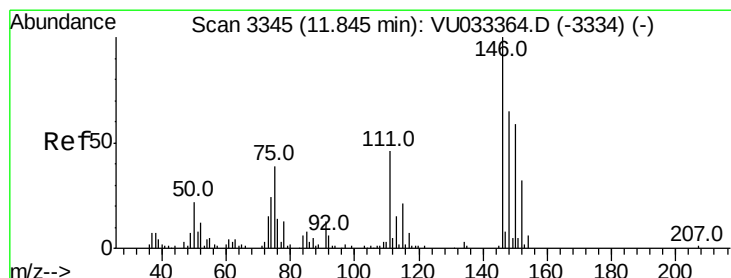
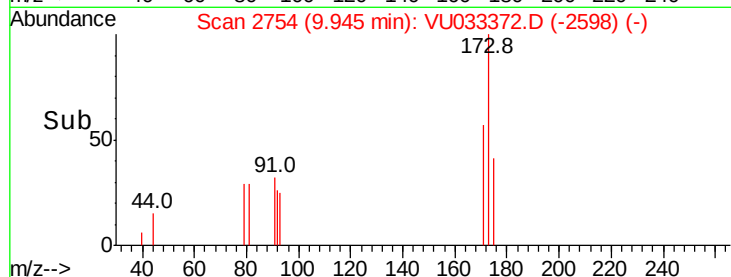
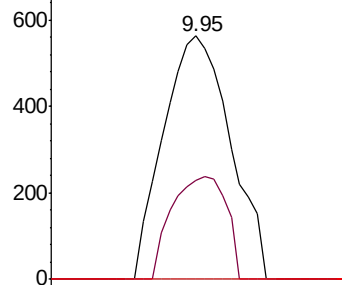
Tot Ion	Ratio	Lower	Upper
173	100		
175	34.4	38.6	58.0#
254	0.0	6.8	10.2#

Manual Integrations
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7/25/2019 3:05:17 PM



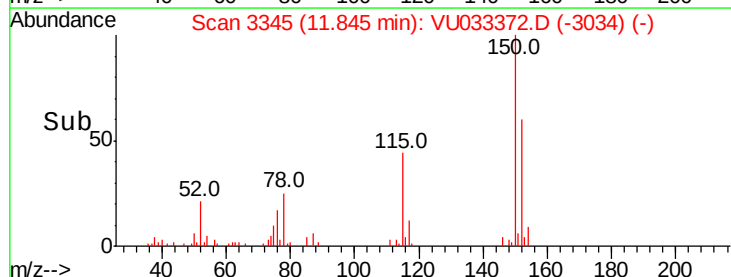
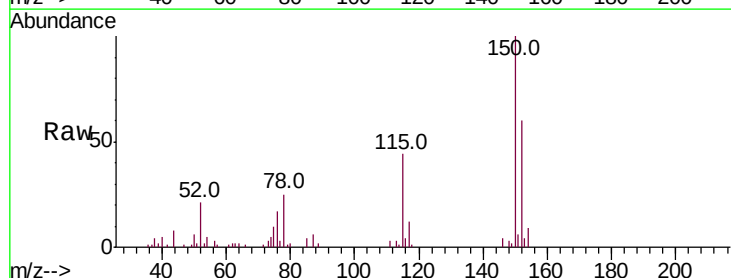
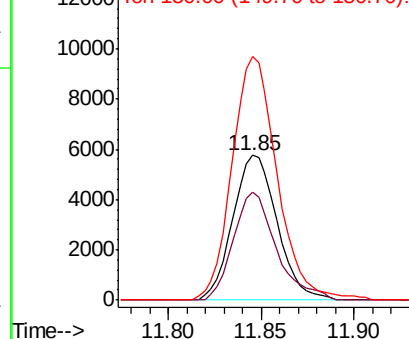
Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

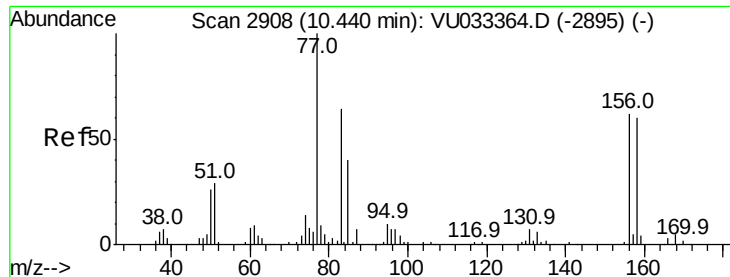


#68
1,2-Dichlorobenzene-d4
Concen: 0.882 ug/l
RT: 11.85 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	71.9	0.0	123.2
150	171.1	0.0	648.4

Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#70

1,1,2,2-Tetrachloroethane

Concen: 0.249 ug/l

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

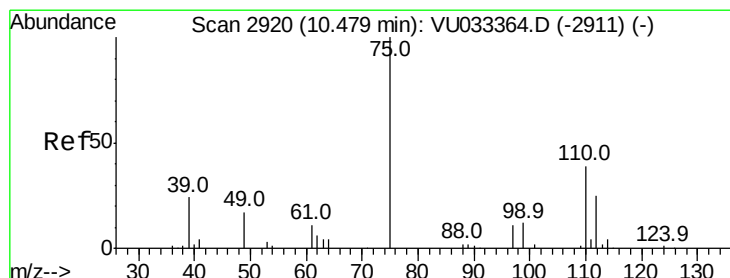
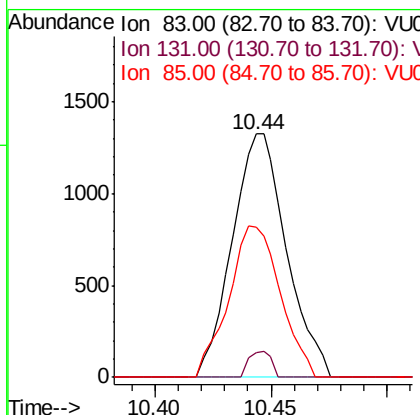
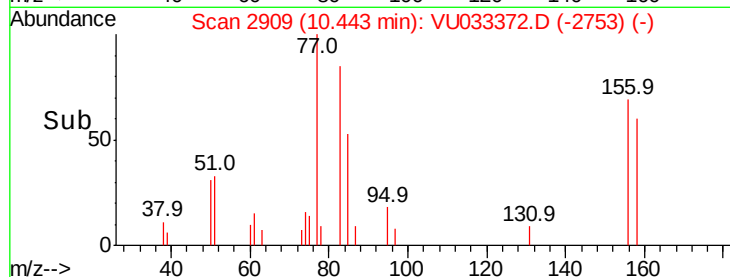
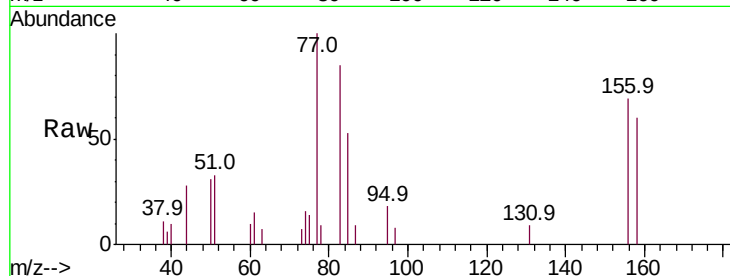
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion	83	Resp	2152
Ion	Ratio	Lower	Upper
83	100		
131	4.5	8.0	12.0#
85	59.2	51.8	77.8

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#71

1,2,3-Trichloropropane

Concen: 0.252 ug/l m

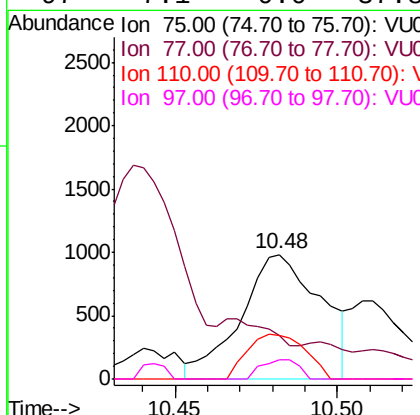
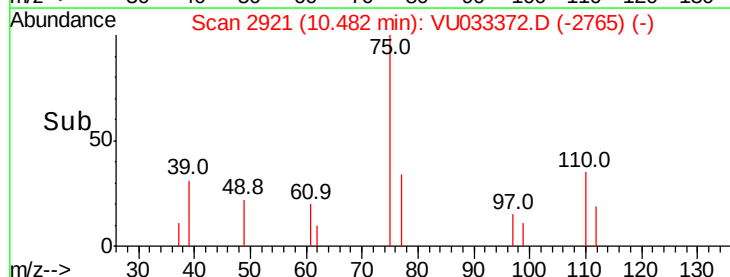
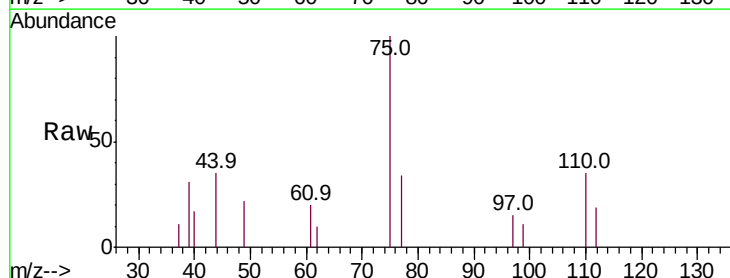
RT: 10.48 min Scan# 2921

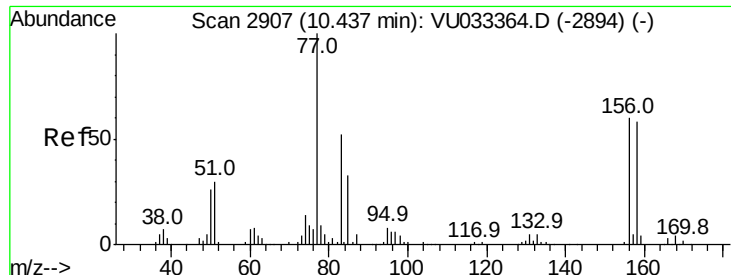
Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Tgt Ion	75	Resp	1681
Ion	Ratio	Lower	Upper
75	100		
77	20.9	0.0	18.2#
110	25.8	0.0	71.4
97	7.1	0.0	37.8





#72

Bromobenzene

Concen: 0.206 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

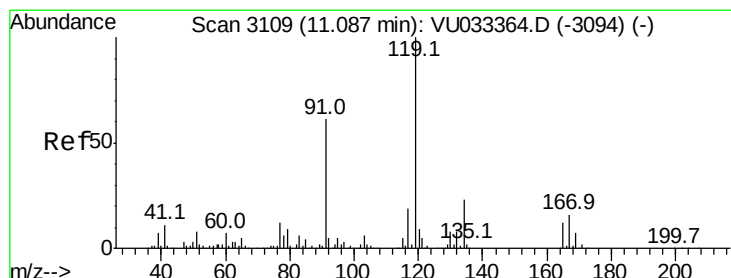
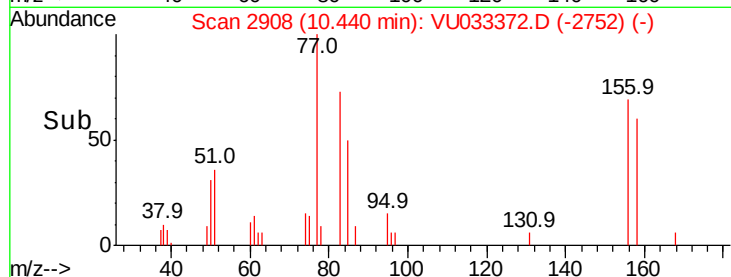
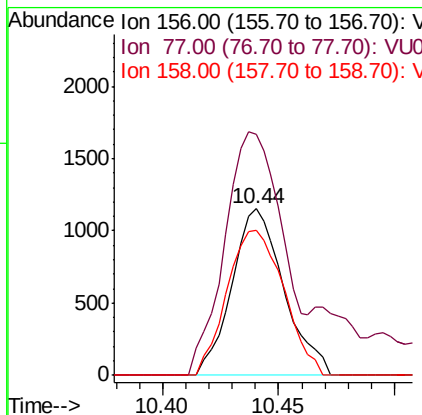
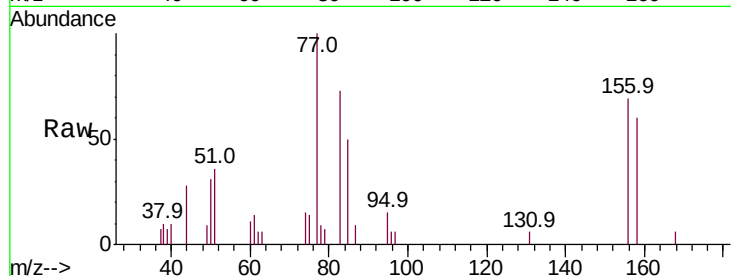
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	156	Resp:	1797
Ion	Ratio	Lower	Upper
156	100		
77	163.4	0.0	324.4
158	94.8	0.0	192.4

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#77

tert-Butylbenzene

Concen: 0.202 ug/l

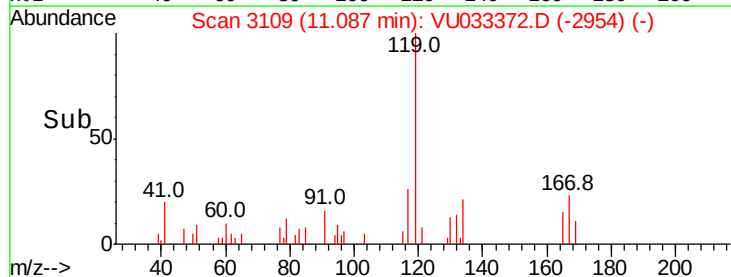
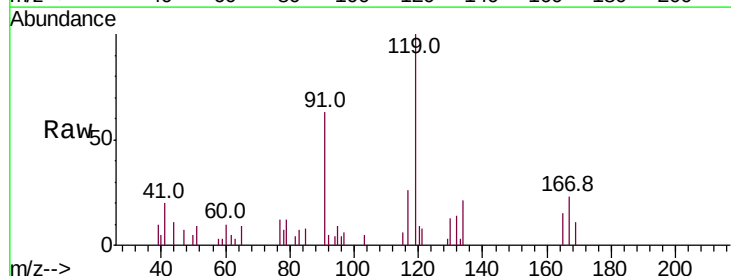
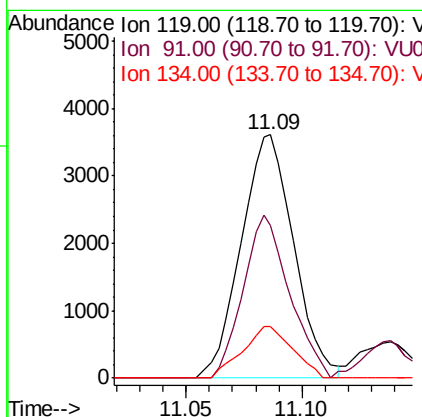
RT: 11.09 min Scan# 3109

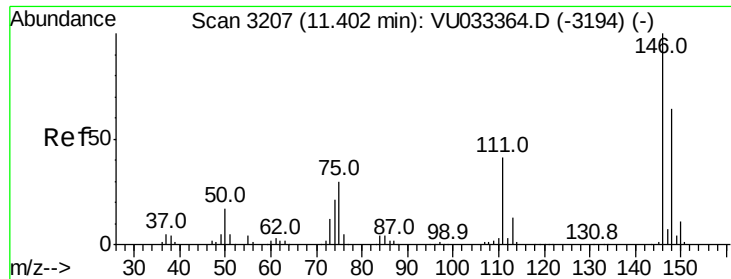
Delta R.T. -0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Tgt Ion:	119	Resp:	5695
Ion	Ratio	Lower	Upper
119	100		
91	58.9	30.4	91.3
134	20.0	18.5	27.7





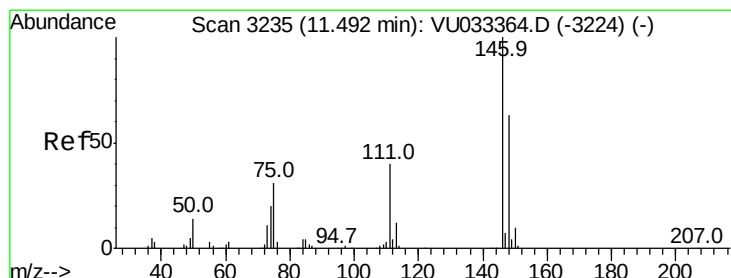
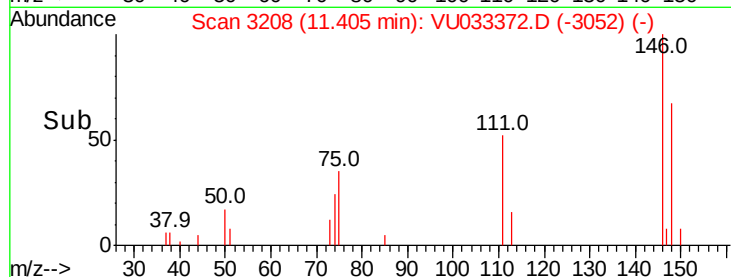
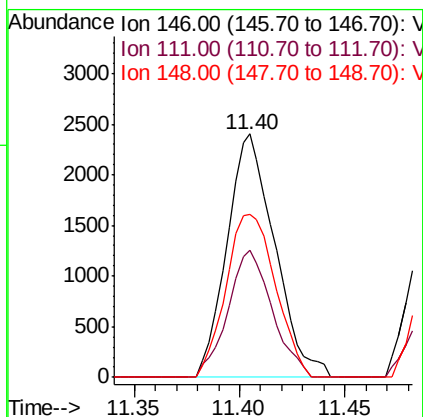
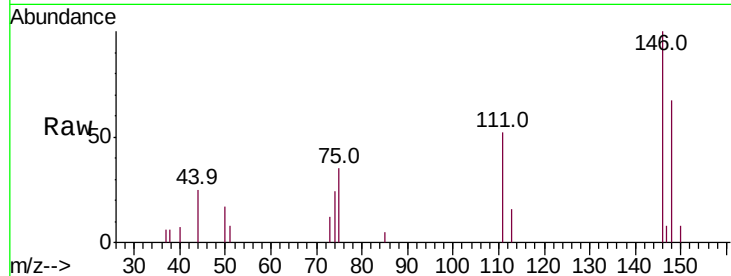
#82
 1,3-Dichlorobenzene
 Concen: 0.203 ug/l
 RT: 11.40 min Scan# 3208
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.4	33.3	49.9
148	69.5	50.8	76.2

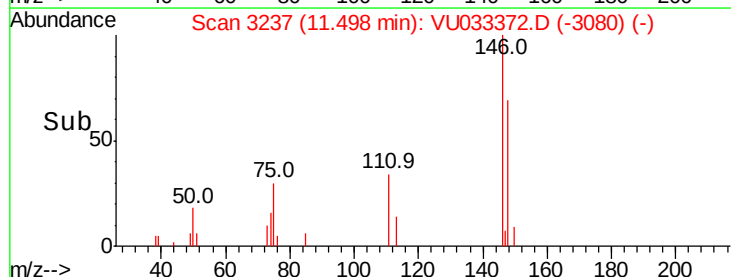
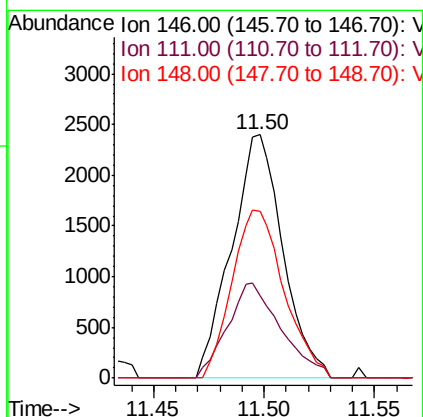
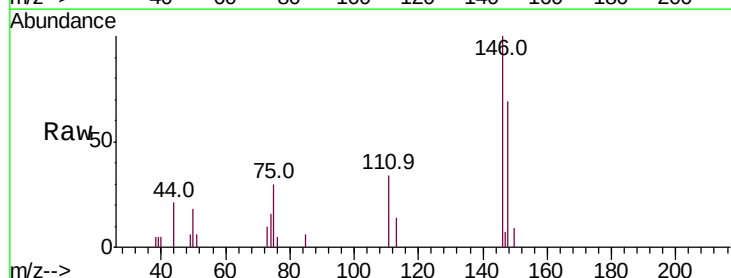
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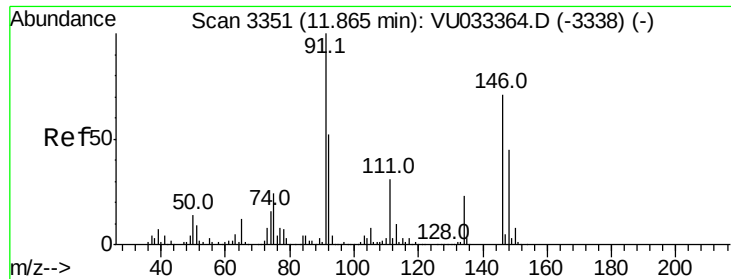
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#83
 1,4-Dichlorobenzene
 Concen: 0.210 ug/l
 RT: 11.50 min Scan# 3237
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	32.2	48.4
148	70.1	51.0	76.4





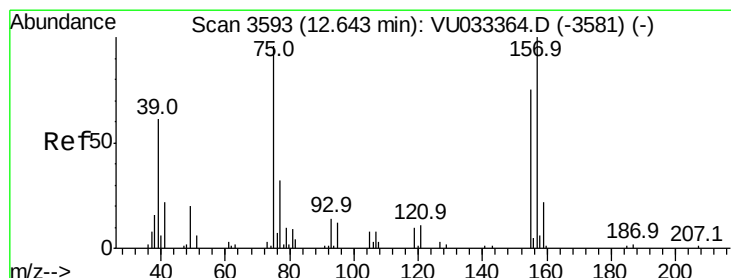
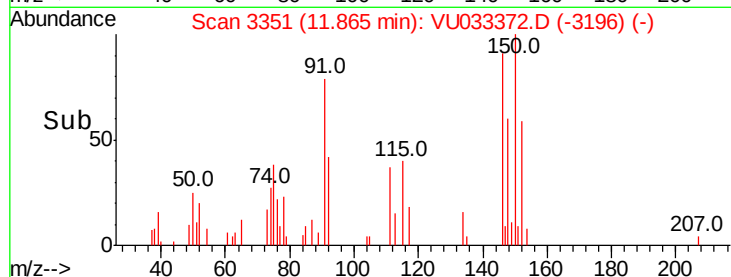
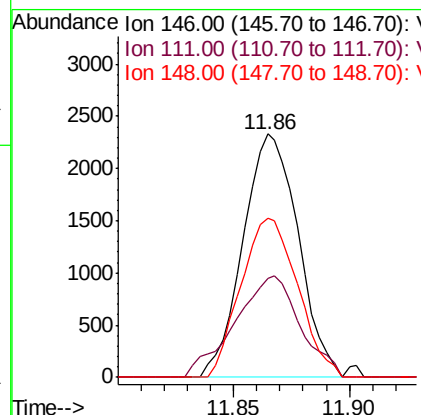
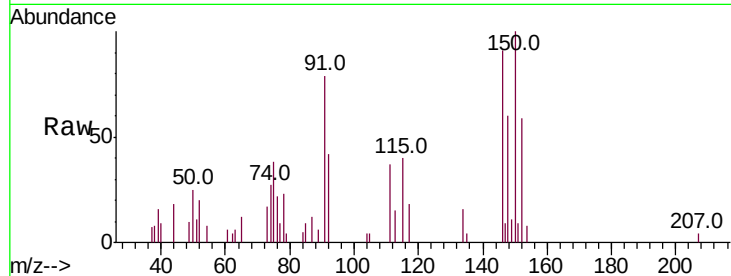
#85
 1,2-Dichlorobenzene
 Concen: 0.221 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. -0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.3	21.7	65.1
148	67.3	32.0	96.0

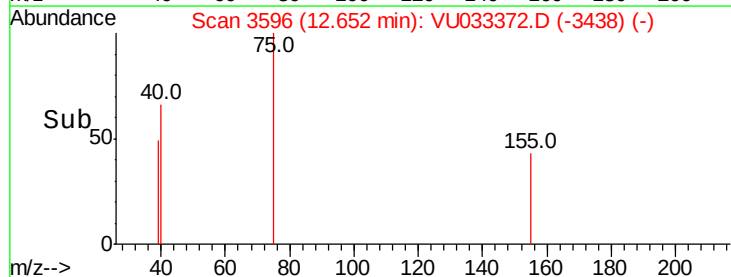
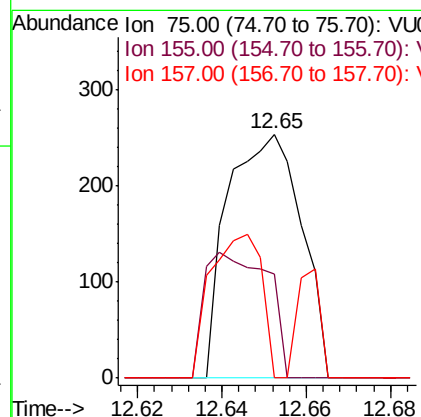
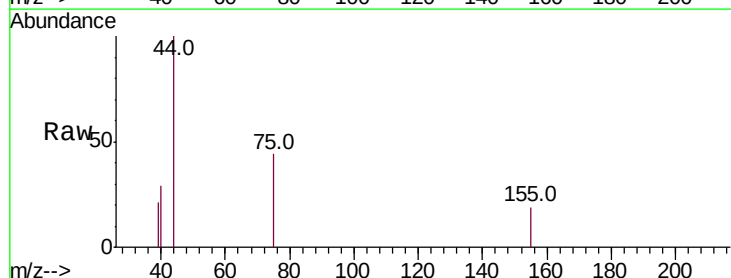
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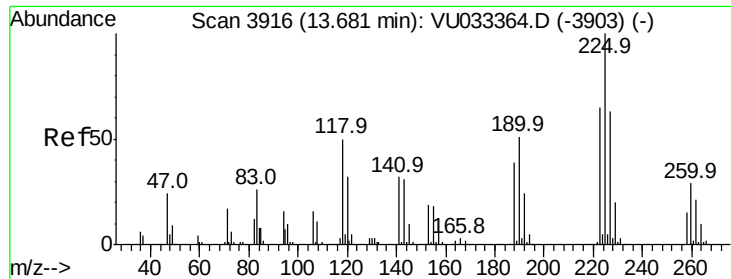
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.225 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	44.4	63.3	94.9#
157	40.8	82.5	123.7#





#88

Hexachlorobutadiene

Concen: 0.257 ug/l

RT: 13.68 min Scan# 3916

Delta R.T. -0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 225 Resp: 1641

Ion Ratio Lower Upper

225 100

223 56.7 52.2 78.4

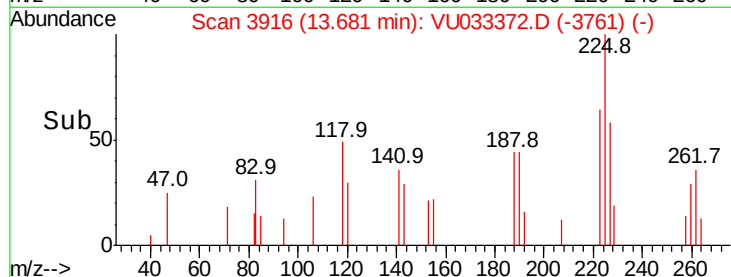
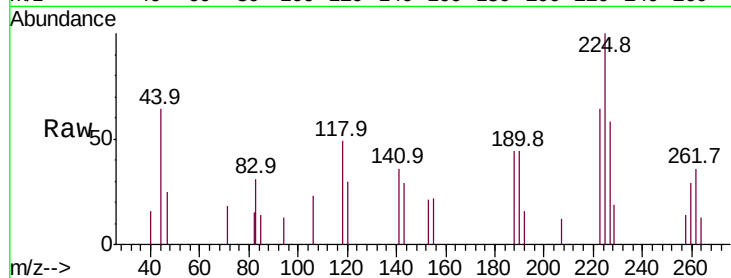
227 59.5 51.7 77.5

Manual Integrations

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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

