

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072419\
 Data File : VU033389.D
 Acq On : 24 Jul 2019 12:41
 Operator : JC/SP
 Sample : VU0724WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 12:18:31 PM

Quant Time: Jul 25 08:07:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 24 03:53:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.72	96	28334	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	10924	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	11752	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	24873	2.123	ug/l	98
3) Chloromethane	1.33	50	25012	1.934	ug/l	98
4) Vinyl Chloride	1.40	62	27988	1.939	ug/l	100
5) Bromomethane	1.62	94	20266	2.231	ug/l	96
6) Chloroethane	1.69	64	17988	1.775	ug/l	100
7) Trichlorofluoromethane	1.88	101	39947	2.016	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	21110	2.065	ug/l	97
9) 1,1-Dichloroethene	2.27	96	20128	1.999	ug/l	95
10) Iodomethane	2.40	142	18485	1.366	ug/l	98
11) Allyl Chloride	2.58	41	32567	1.960	ug/l	97
12) Acrylonitrile	2.92	53	9459	3.366	ug/l	98
13) Acetone	2.31	43	23440	9.776	ug/l	96
14) Carbon Disulfide	2.46	76	72917	1.906	ug/l	97
15) Methylene Chloride	2.68	84	26061	1.919	ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	23593	1.973	ug/l	94
17) 1,1-Dichloroethane	3.42	63	33783	2.105	ug/l	99
18) 2-Butanone	4.26	43	20730	9.058	ug/l	97
19) Cyclohexane	4.97	56	21277m	1.807	ug/l	
20) Methylcyclohexane	6.40	83	22207	1.873	ug/l	96
21) 2,2-Dichloropropane	4.19	77	28964	2.130	ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	18701	2.064	ug/l	96
23) Diethyl Ether	2.09	59	15949	1.838	ug/l	97
24) tert-Butyl Alcohol	2.82	59	19564	13.698	ug/l	98
25) Methyl tert-Butyl Ether	2.98	73	52934	1.826	ug/l	100
26) Bromochloromethane	4.52	128	8008	2.010	ug/l	98
27) Chloroform	4.65	83	36282	1.978	ug/l	97
28) 1,1,1-Trichloroethane	4.89	97	28812	2.029	ug/l	99
29) 1,1-Dichloropropene	5.11	75	22273	1.902	ug/l	98
30) Carbon Tetrachloride	5.11	117	24823	1.986	ug/l	98
31) Isopropyl Ether	3.56	45	38061	1.877	ug/l	93
32) Ethyl-t-butyl ether	4.05	59	34478	1.768	ug/l	95
33) Tert-Amyl methyl ether	5.56	73	30493	1.739	ug/l	96
34) Propionitrile	4.31	54	5814	8.856	ug/l #	87
35) Benzene	5.37	78	66977	1.979	ug/l	100
36) 1,2-Dichloroethane	5.39	62	22430	1.992	ug/l	100
37) Trichloroethene	6.17	130	16700	1.870	ug/l	94
38) 1,2-Dichloropropane	6.41	63	16978	1.819	ug/l	95
39) Methacrylonitrile	4.53	41	4956	1.902	ug/l #	89
40) Methyl acrylate	4.41	55	7520	1.855	ug/l #	88
41) Tetrahydrofuran	4.63	42	4671	3.574	ug/l	95
42) 1-Chlorobutane	5.04	56	30225	1.925	ug/l	93

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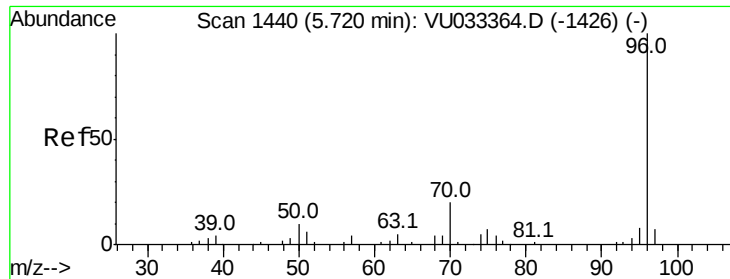
Manual Integrations
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Quant Time: Jul 25 08:07:28 2019
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 24 03:53:19 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	9283	1.796	ug/l	90
44) Bromodichloromethane	6.74	83	24593	1.974	ug/l	98
45) 4-Methyl-2-Pentanone	7.45	43	45725	8.675	ug/l	93
46) t-1,4-Dichloro-2-butene	10.49	75	7521m	3.536	ug/l	
47) Methyl methacrylate	6.61	69	13618	3.457	ug/l	96
48) Ethyl methacrylate	8.01	69	11579	1.668	ug/l	99
49) Toluene	7.62	92	38387	1.980	ug/l	96
50) t-1,3-Dichloropropene	7.86	75	18658	1.795	ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	23149	1.886	ug/l	98
52) 1,1,2-Trichloroethane	8.05	97	13363	1.935	ug/l	97
53) 1,3-Dichloropropane	8.23	76	22799	1.953	ug/l	98
54) 2-Hexanone	8.35	43	29423	7.930	ug/l	97
55) Dibromochloromethane	8.46	129	16286	2.019	ug/l	99
56) 1,2-Dibromoethane	8.57	107	12024	1.868	ug/l	98
58) Tetrachloroethene	8.21	164	15717	1.941	ug/l	99
59) Chlorobenzene	9.10	112	42605	1.917	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.19	131	16391	1.942	ug/l	98
61) Pentachloroethane	11.09	117	14773	2.133	ug/l	90
62) Hexachloroethane	12.13	117	13174	1.966	ug/l	97
63) Ethyl Benzene	9.23	91	64599	1.810	ug/l	97
64) m/p-Xylenes	9.36	106	53004	3.715	ug/l	95
65) o-Xylene	9.76	106	24881	1.820	ug/l	98
66) Styrene	9.78	104	41966	1.810	ug/l	98
67) Bromoform	9.94	173	8589	1.967	ug/l #	97
69) Isopropylbenzene	10.15	105	64987	1.854	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.44	83	17877	1.953	ug/l	99
71) 1,2,3-Trichloropropane	10.48	75	11937m	1.689	ug/l	
72) Bromobenzene	10.44	156	18225	1.968	ug/l	99
73) n-propylbenzene	10.57	120	19069	1.908	ug/l	100
74) 2-Chlorotoluene	10.65	126	17873	1.959	ug/l	95
75) 1,3,5-Trimethylbenzene	10.76	105	60910	1.935	ug/l	99
76) 4-Chlorotoluene	10.76	126	18772	1.975	ug/l	100
77) tert-Butylbenzene	11.08	119	57101	1.914	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	61590	1.915	ug/l	100
79) sec-Butylbenzene	11.31	105	80327	1.957	ug/l	100
80) Nitrobenzene	12.86	77	1518m	3.989	ug/l	
81) p-Isopropyltoluene	11.46	119	64033	1.918	ug/l	99
82) 1,3-Dichlorobenzene	11.40	146	39882	2.026	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	39301	2.018	ug/l	99
84) n-Butylbenzene	11.87	91	65692	1.923	ug/l	97
85) 1,2-Dichlorobenzene	11.86	146	37124	2.012	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.64	75	3119	2.166	ug/l	85
87) 1,2,4-Trichlorobenzene	13.49	180	20204	1.840	ug/l	95
88) Hexachlorobutadiene	13.68	225	14112	2.084	ug/l	97
89) Naphthalene	13.73	128	28905	1.741	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	18558	1.741	ug/l	100

(#) = 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: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

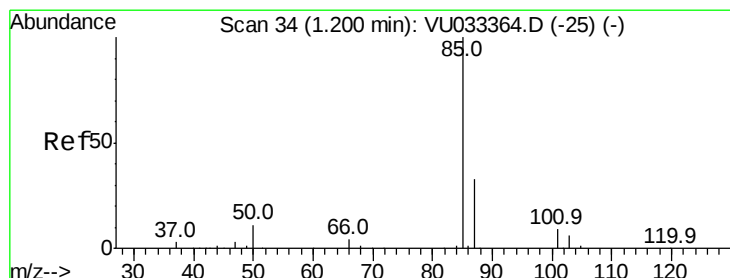
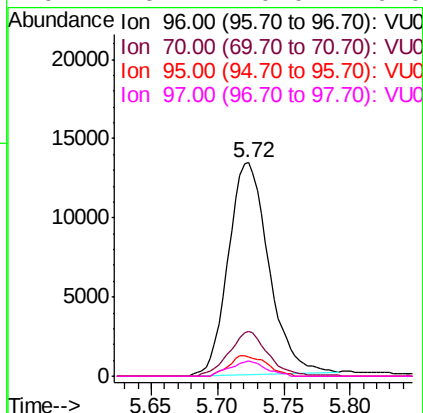
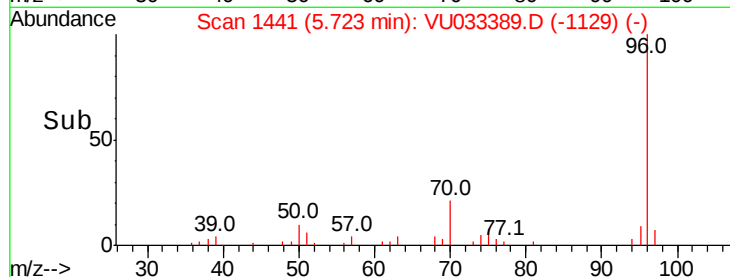
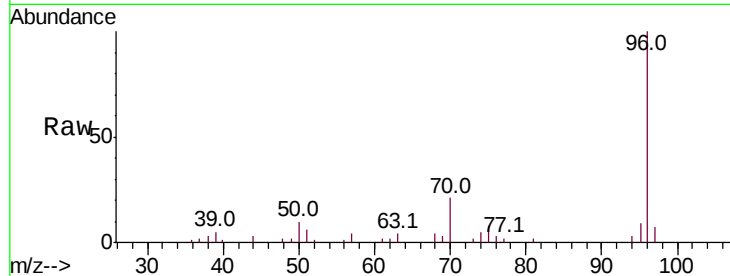
ClientSampleId :

VU0724WBS01

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
70	19.3	16.4	24.6	
95	9.0	6.7	10.1	
97	6.4	0.0	0.0	

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#2

Dichlorodifluoromethane

Concen: 2.123 ug/l

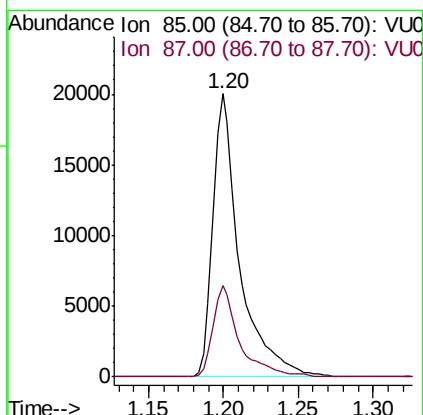
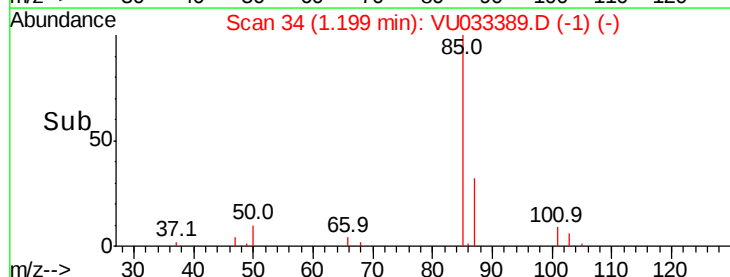
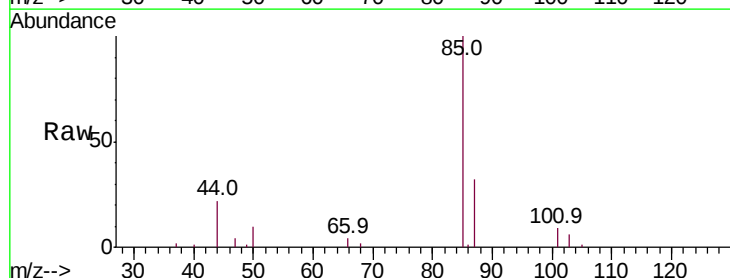
RT: 1.20 min Scan# 34

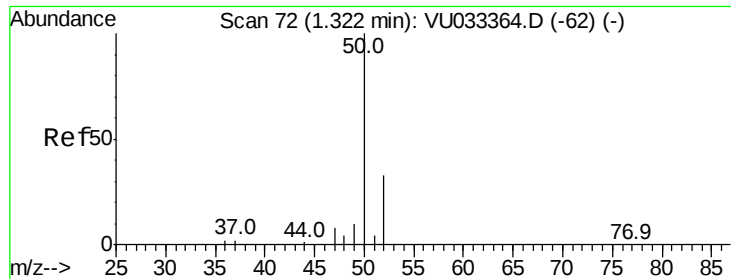
Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	32.1	16.6	49.7	





#3

Chloromethane

Concen: 1.934 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampled :

VU0724WBS01

Tot Ion: 50 Resp: 25012

Ion Ratio Lower Upper

50 100

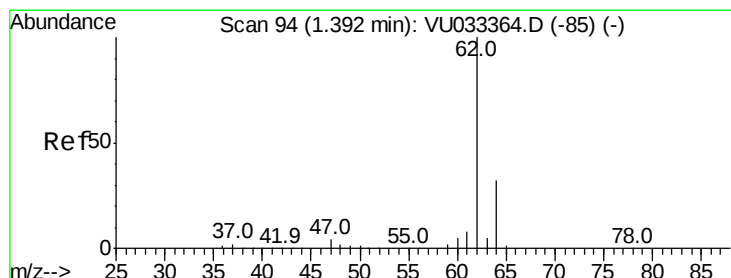
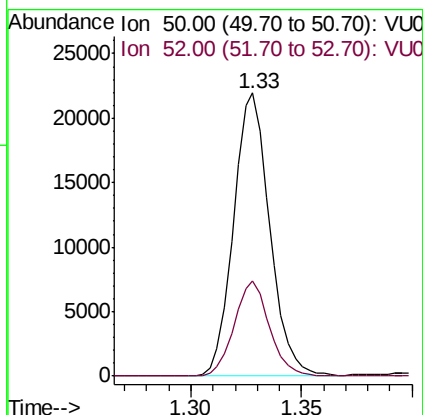
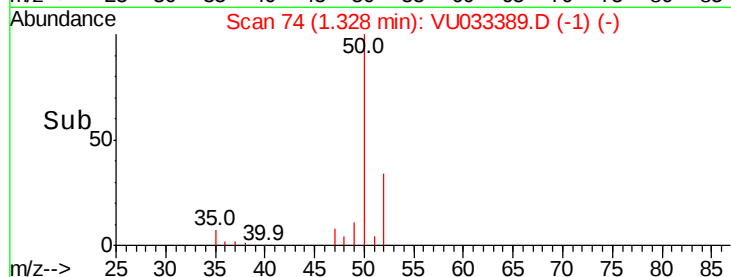
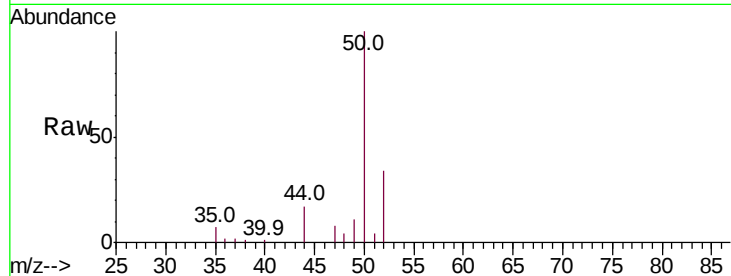
52 33.7 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.939 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033389.D

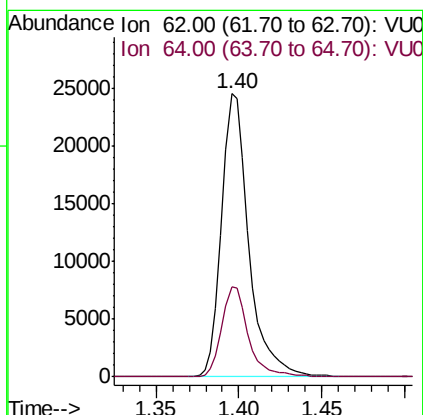
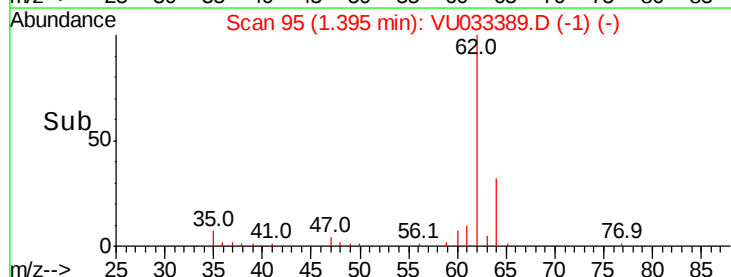
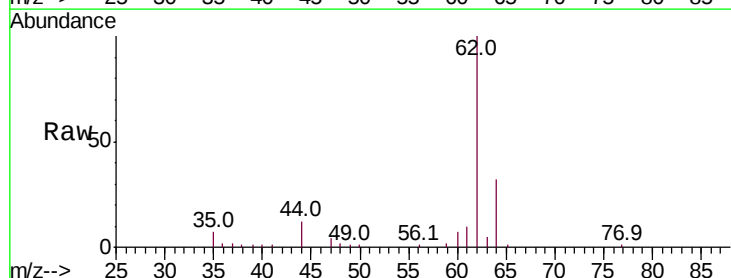
Acq: 24 Jul 2019 12:41

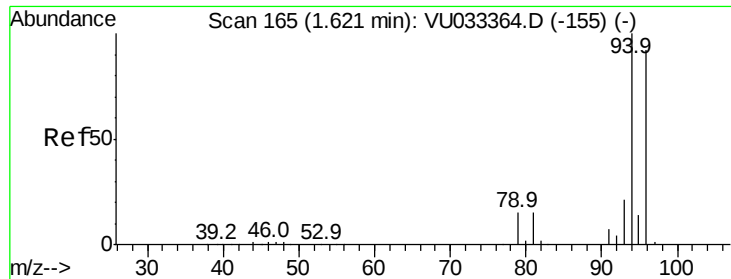
Tgt Ion: 62 Resp: 27988

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 2.231 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion: 94 Resp: 20266

Ion Ratio Lower Upper

94 100

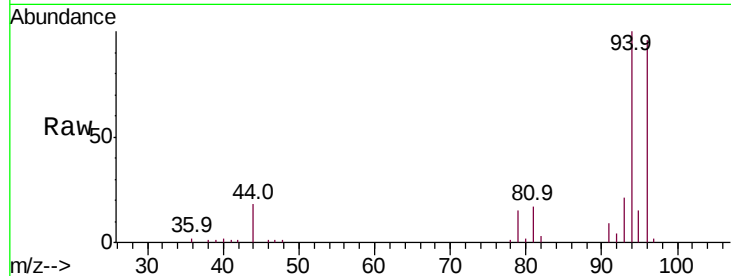
96 95.6 73.2 109.8

Manual Integrations

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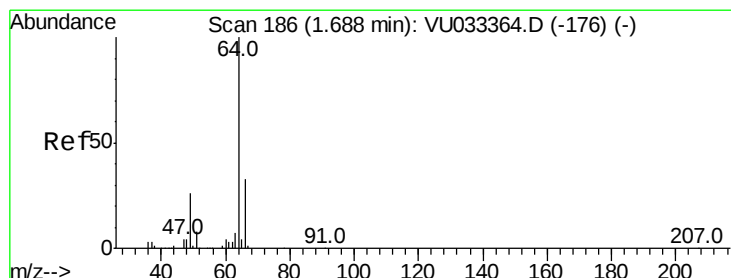
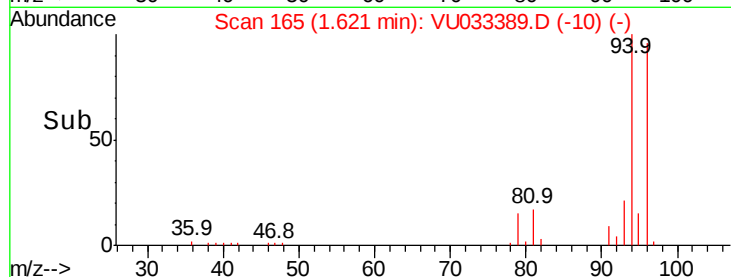
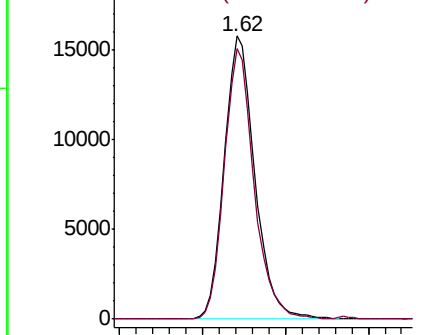
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.775 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033389.D

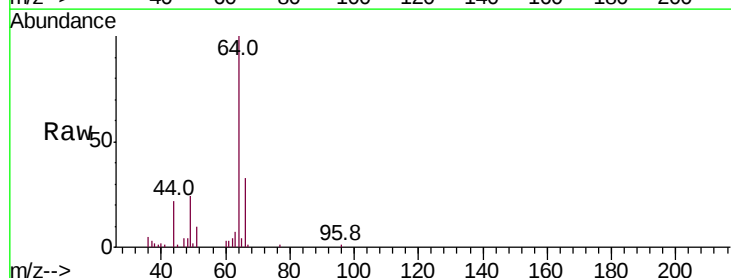
Acq: 24 Jul 2019 12:41

Tgt Ion: 64 Resp: 17988

Ion Ratio Lower Upper

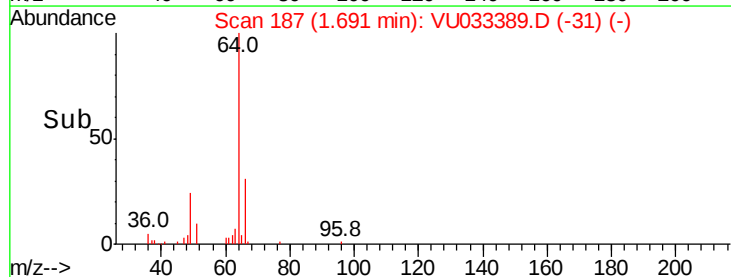
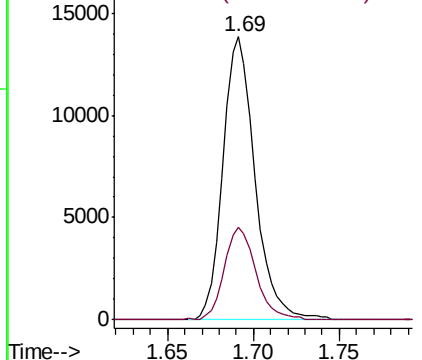
64 100

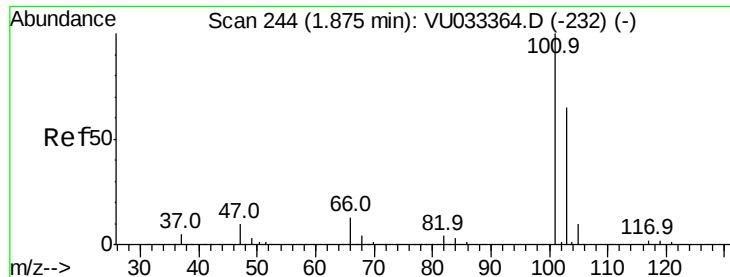
66 32.9 26.4 39.6



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

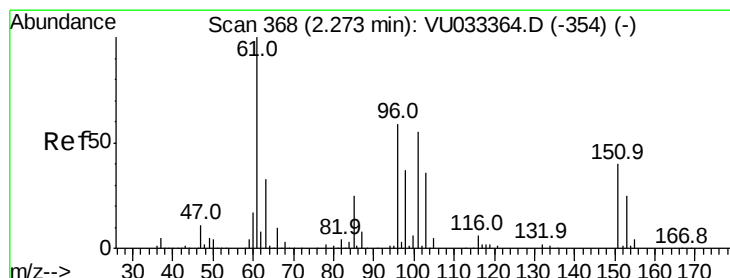
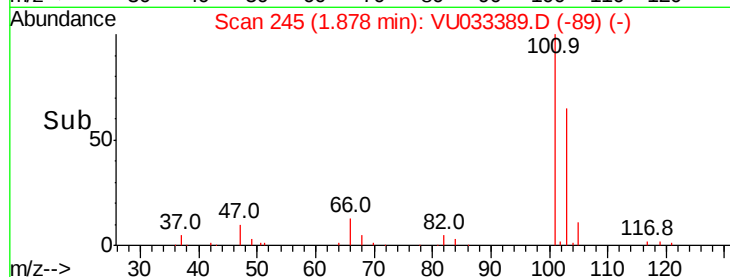
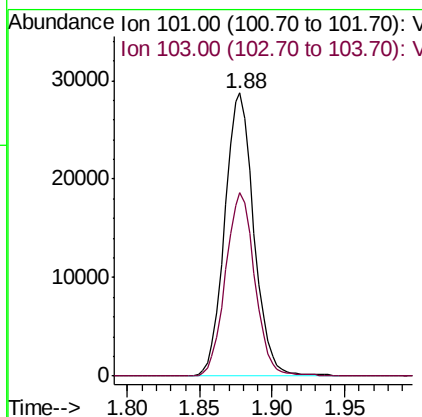
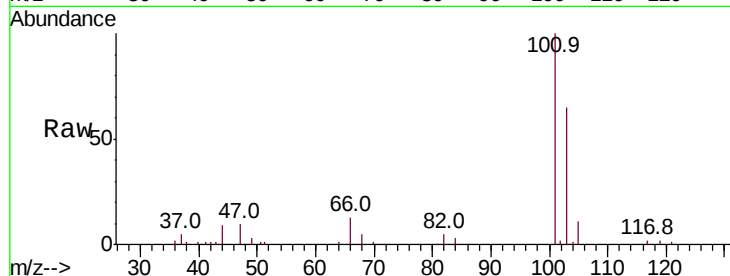
Trichlorofluoromethane
Concen: 2.016 ug/l
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
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ClientSampleId :
VU0724WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.2

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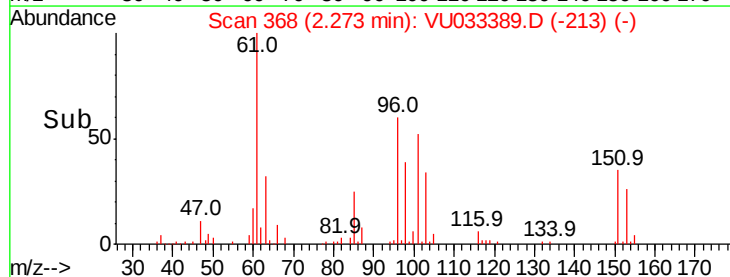
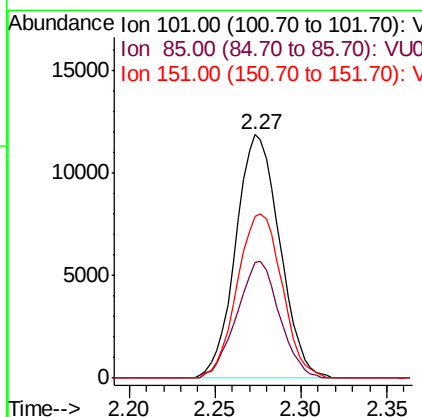
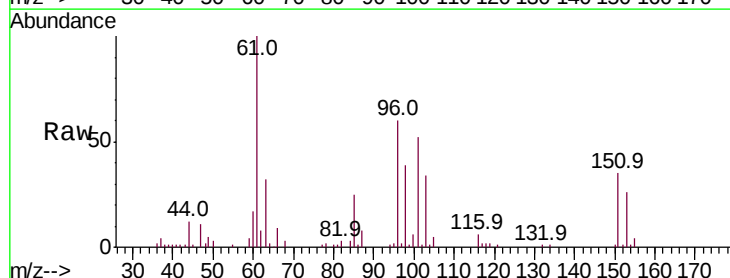
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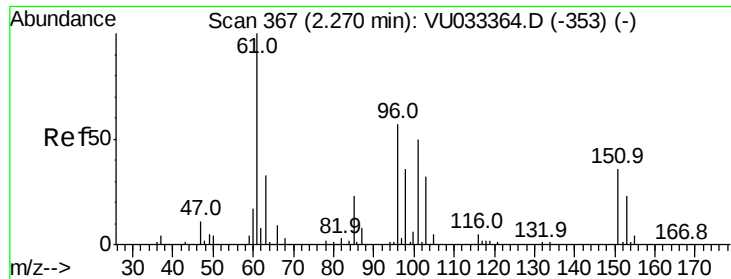


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.065 ug/l
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.6	37.5	56.3
151	68.8	58.3	87.5





#9

1,1-Dichloroethene

Concen: 1.999 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

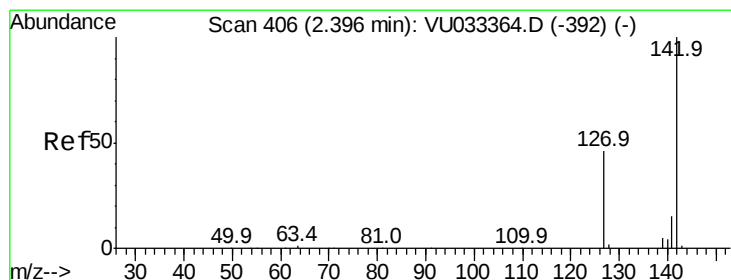
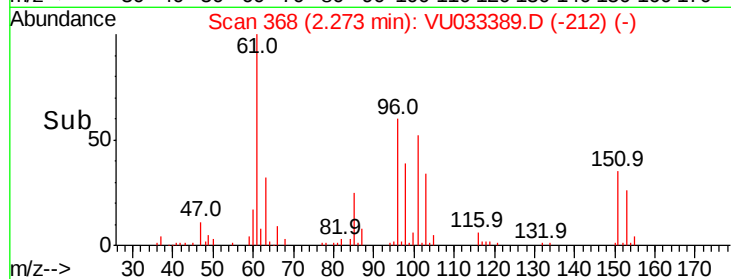
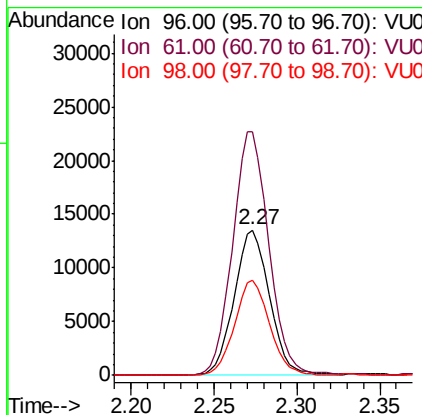
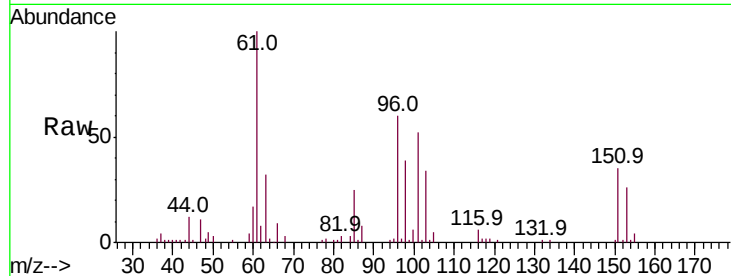
ClientSampleId :

VU0724WBS01

Tot Ion:	96	Resp:	20128
Ion Ratio	Lower	Upper	
96	100		
61	167.5	0.0	525.6
98	65.6	0.0	126.4

Manual Integrations
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#10

Iodomethane

Concen: 1.366 ug/l

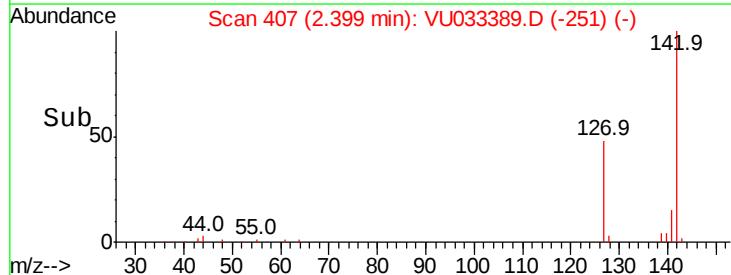
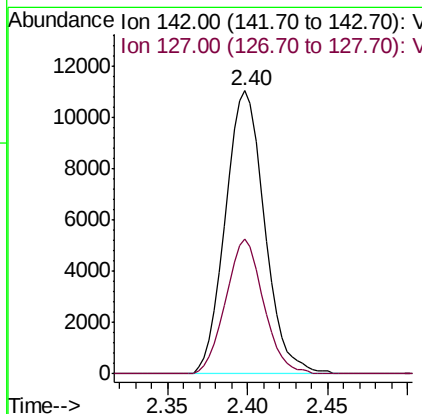
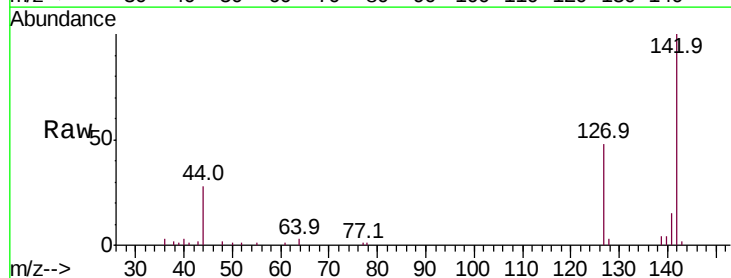
RT: 2.40 min Scan# 407

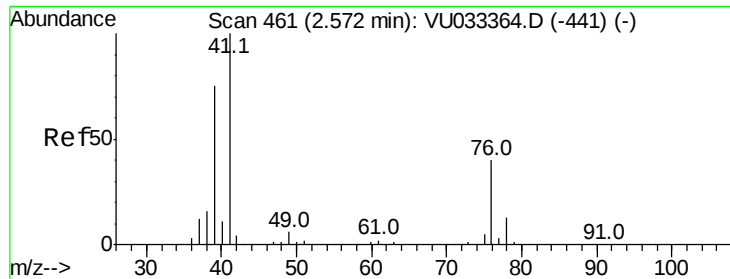
Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion:	142	Resp:	18485
Ion Ratio	Lower	Upper	
142	100		
127	45.8	37.8	56.6





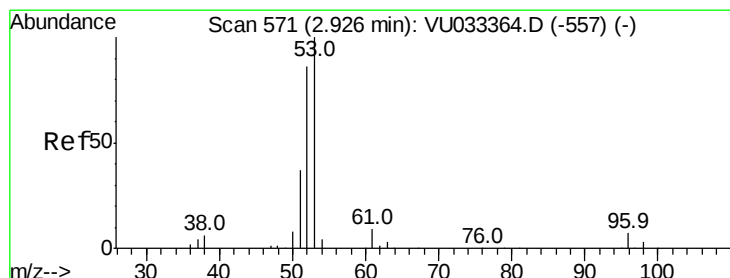
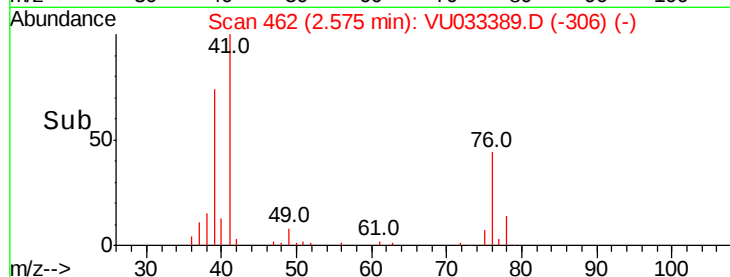
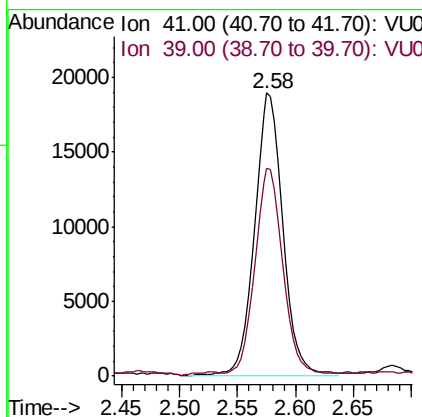
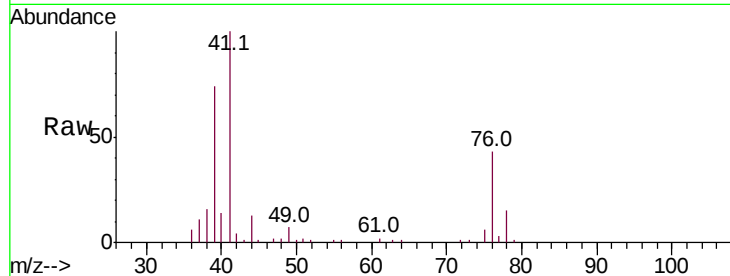
#11
Allvl Chloride
Concen: 1.960 ug/l
RT: 2.58 min Scan# 462
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion: 41 Resp: 32567
Ion Ratio Lower Upper
41 100
39 70.5 58.7 88.1

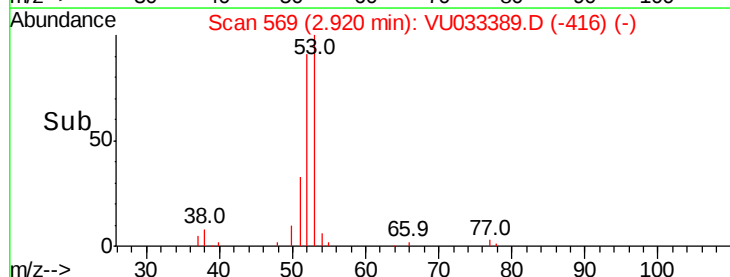
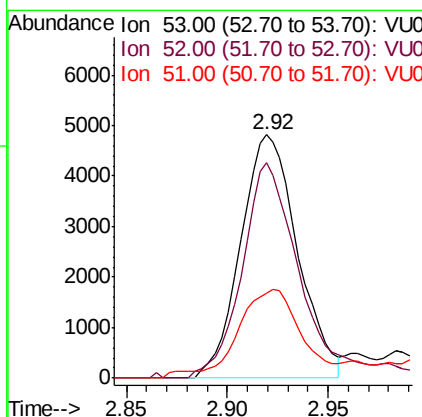
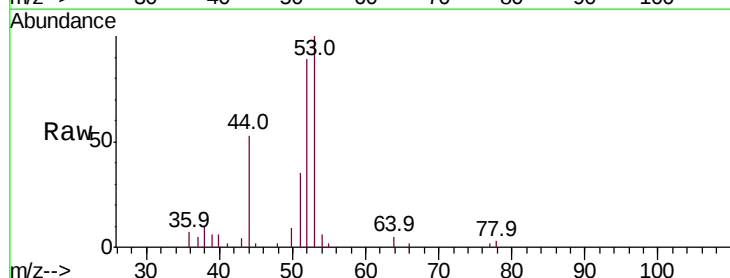
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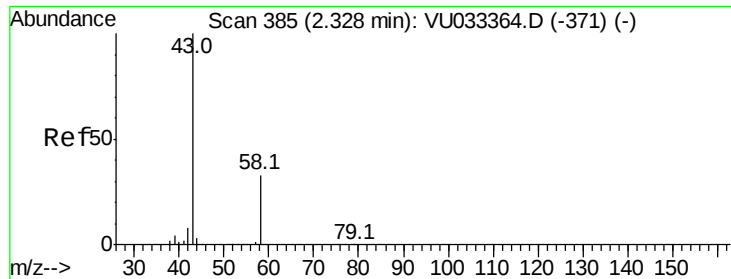
MMDadoda
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#12
Acrylonitrile
Concen: 3.366 ug/l
RT: 2.92 min Scan# 569
Delta R.T. -0.01 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion: 53 Resp: 9459
Ion Ratio Lower Upper
53 100
52 88.2 69.8 104.8
51 33.4 29.1 43.7





#13

Acetone

Concen: 9.776 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion: 43 Resp: 23440

Ion Ratio Lower Upper

43 100

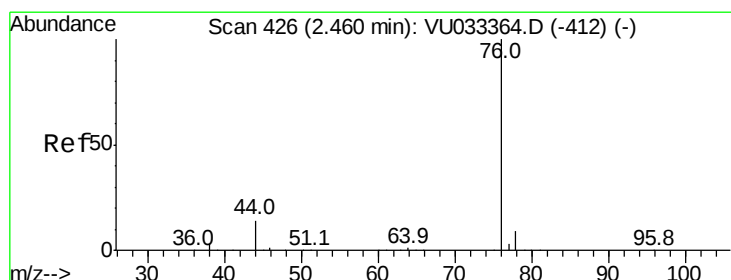
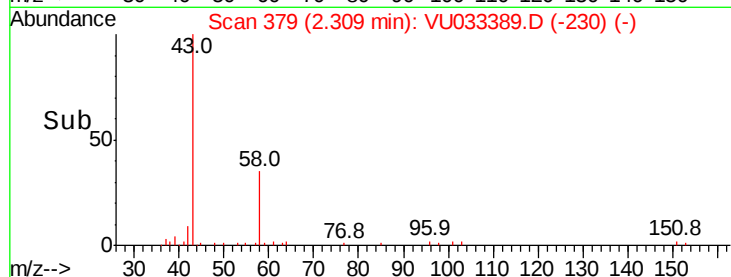
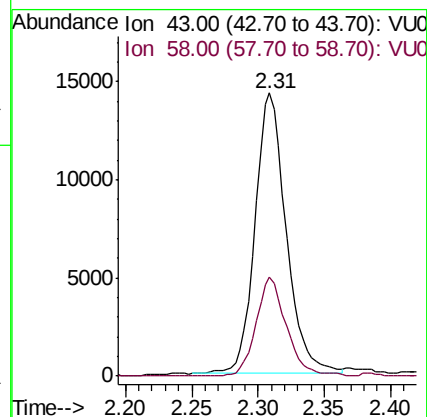
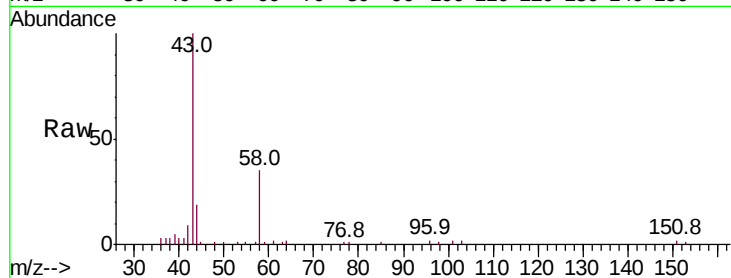
58 35.2 26.3 39.5

Manual Integrations

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#14

Carbon Disulfide

Concen: 1.906 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033389.D

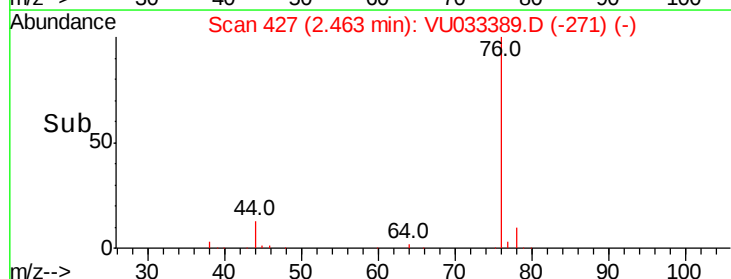
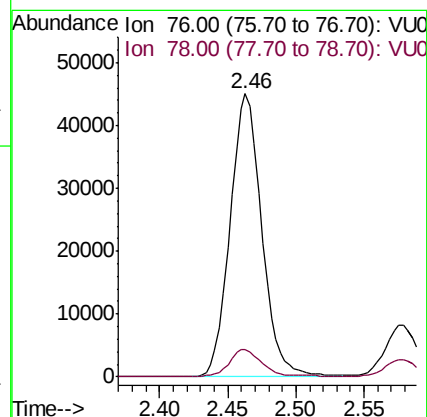
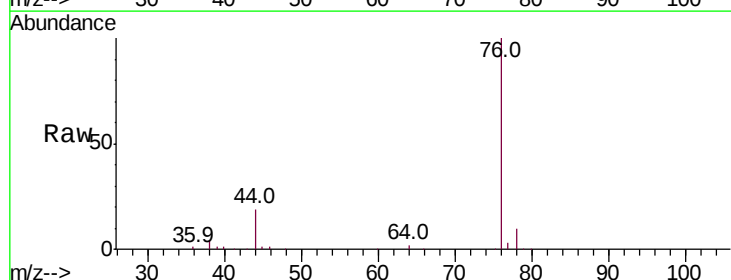
Acq: 24 Jul 2019 12:41

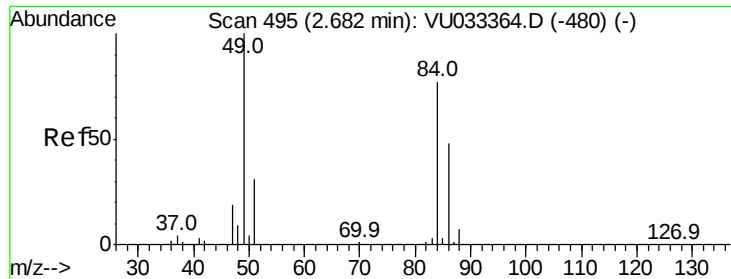
Tgt Ion: 76 Resp: 72917

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7





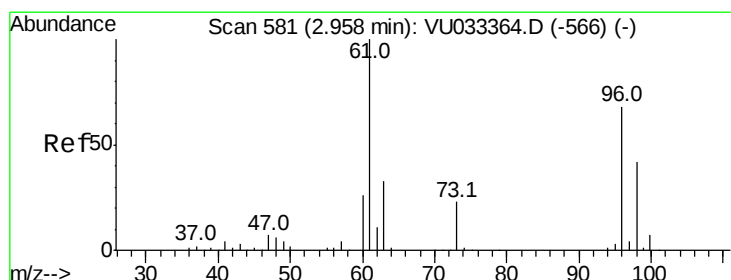
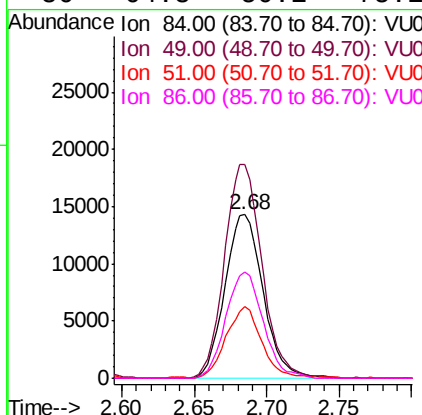
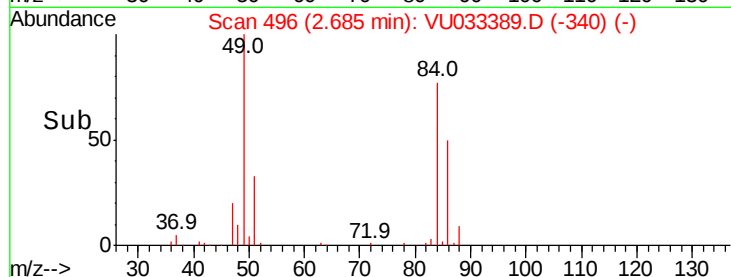
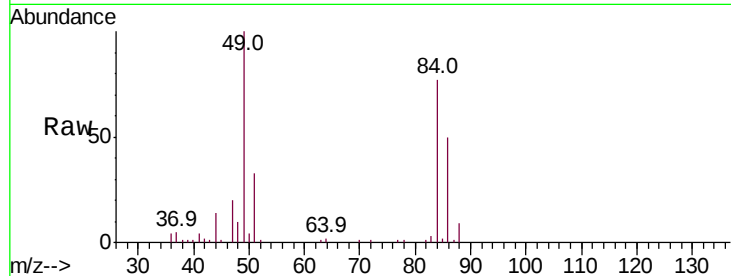
#15
Methvlene Chloride
Concen: 1.919 ug/l
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion	Ratio	Lower	Upper
84	100		
49	130.4	103.5	155.3
51	43.4	0.0	80.4
86	64.8	50.1	75.1

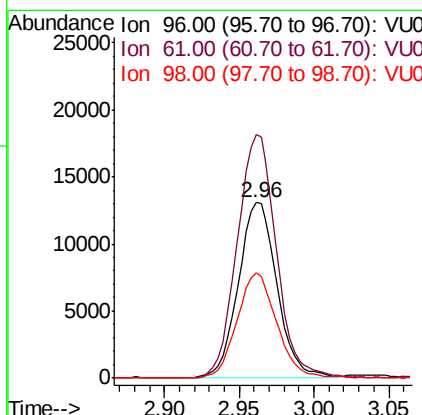
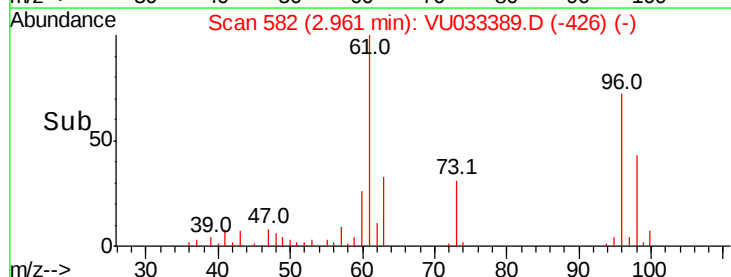
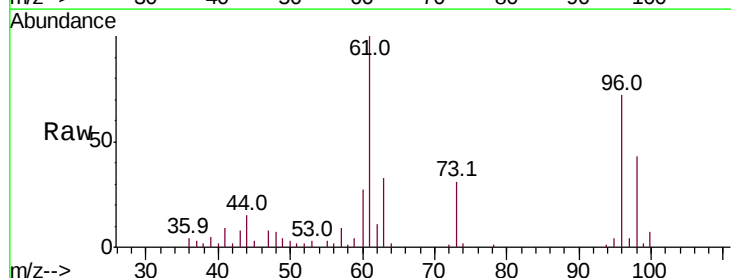
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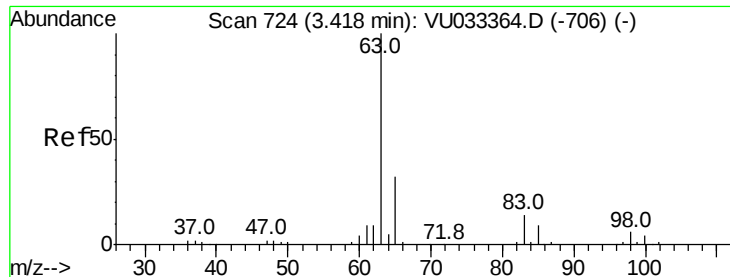
MMDadoda
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#16
trans-1,2-Dichloroethene
Concen: 1.973 ug/l
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.7	118.0	177.0
98	60.1	49.4	74.2





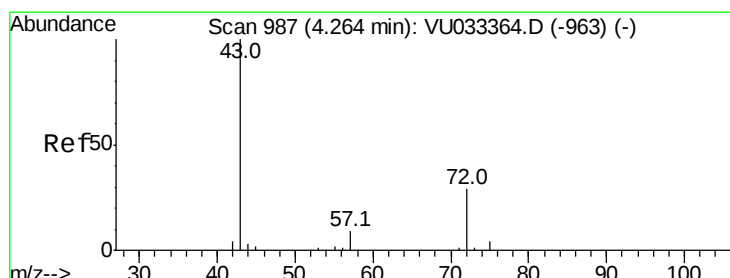
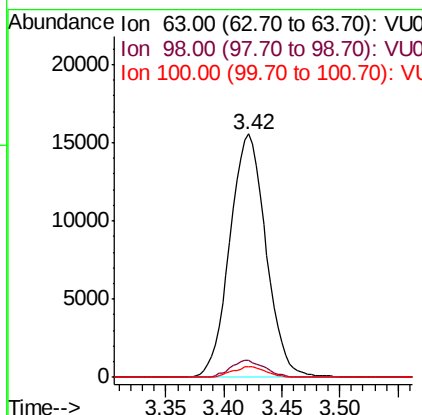
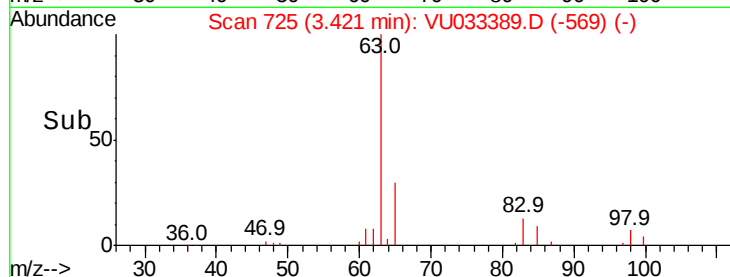
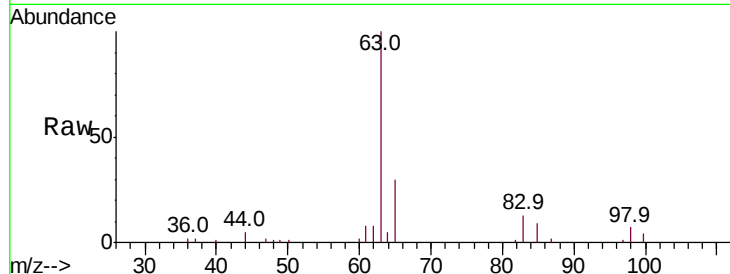
#17
 1,1-Dichloroethane
 Concen: 2.105 ug/l
 RT: 3.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

Tot Ion:	63	Resp:	33783
Ion Ratio	Lower	Upper	
63	100		
98	6.9	3.2	9.6
100	4.4	2.1	6.2

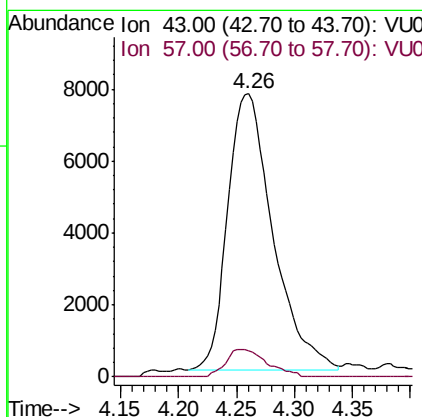
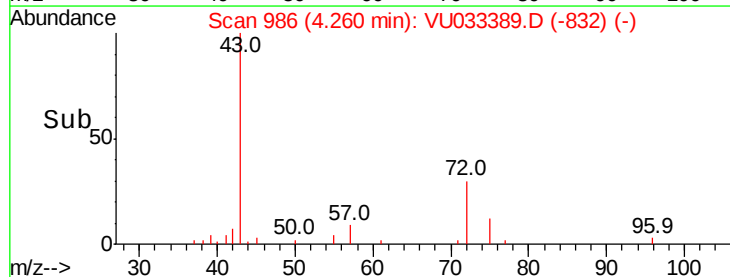
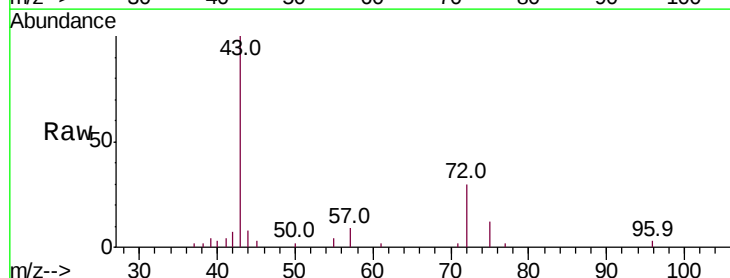
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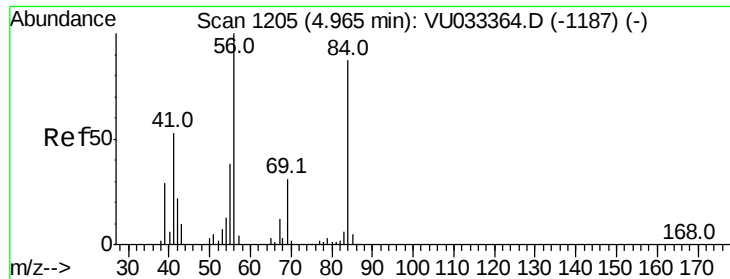
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#18
 2-Butanone
 Concen: 9.058 ug/l
 RT: 4.26 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion:	43	Resp:	20730
Ion Ratio	Lower	Upper	
43	100		
57	9.6	0.0	17.0





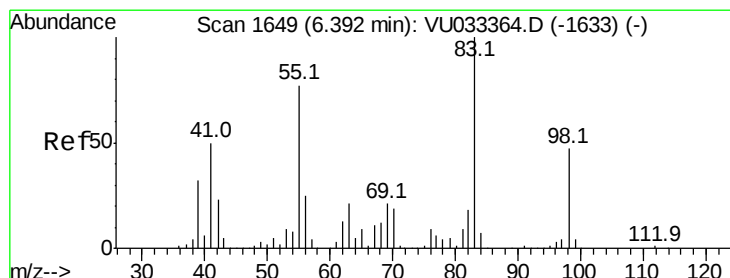
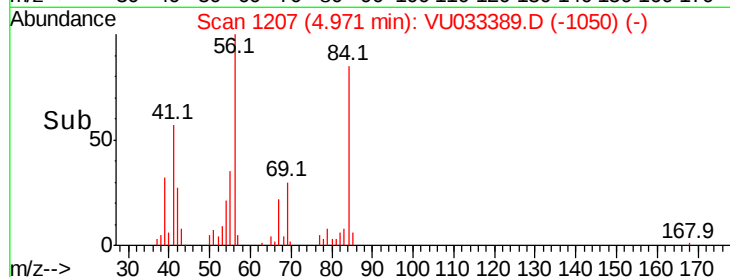
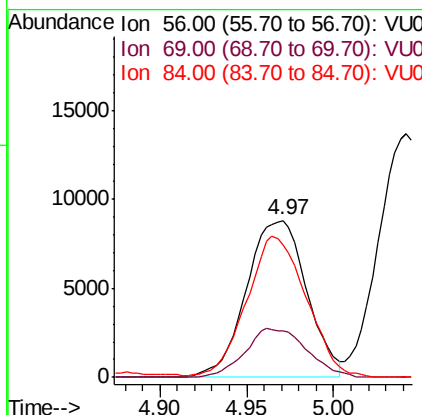
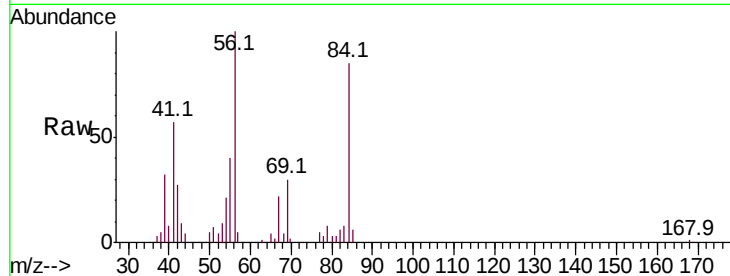
#19
Cyclohexane
Concen: 1.807 ug/l m
RT: 4.97 min Scan# 1207
Delta R.T. 0.01 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.0	37.4
84	87.4	69.8	104.6

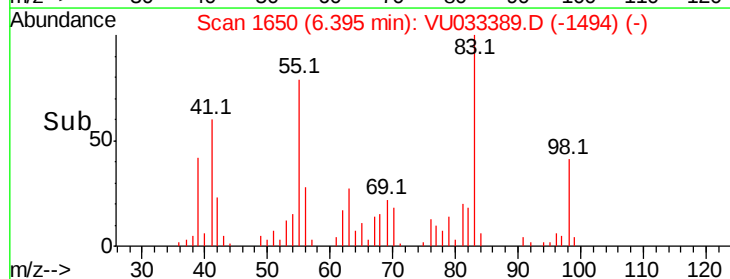
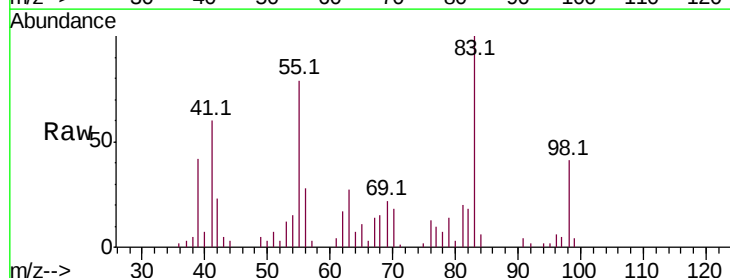
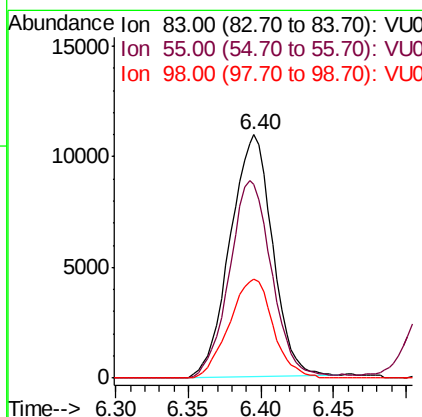
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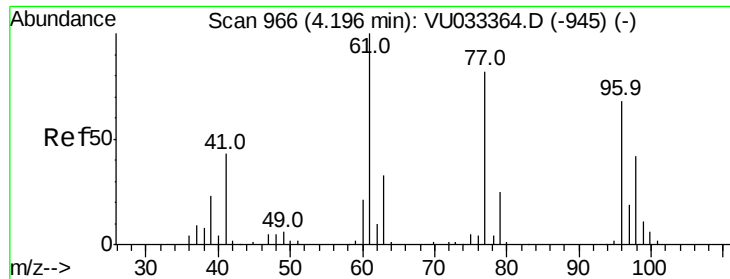
MMDadoda
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#20
Methylcyclohexane
Concen: 1.873 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.5	62.3	93.5
98	42.1	37.4	56.0





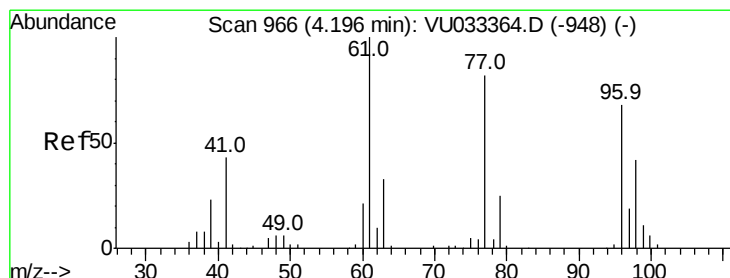
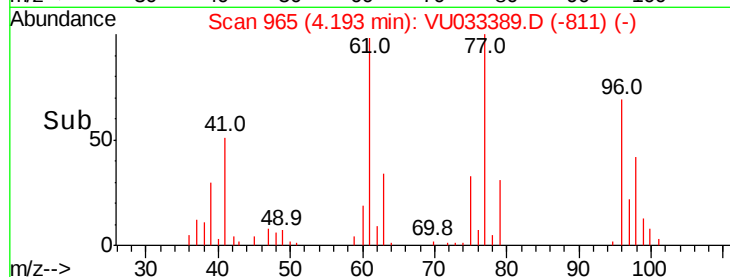
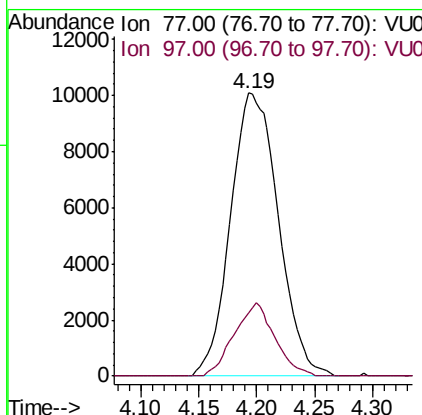
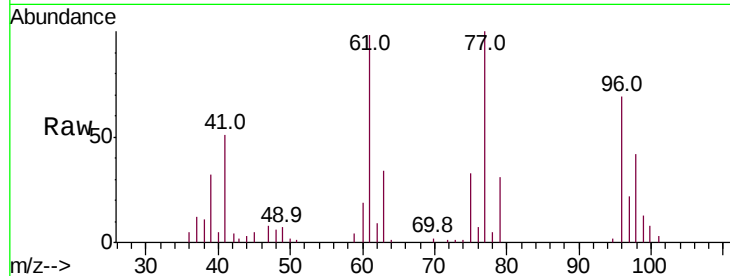
#21
 2,2-Dichloropropane
 Concen: 2.130 ug/l
 RT: 4.19 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

Tot Ion: 77 Resp: 28964
 Ion Ratio Lower Upper
 77 100
 97 22.0 17.8 26.8

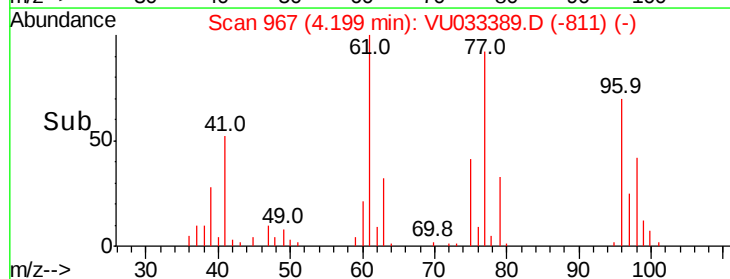
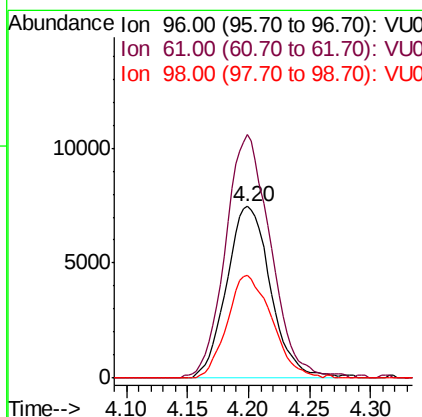
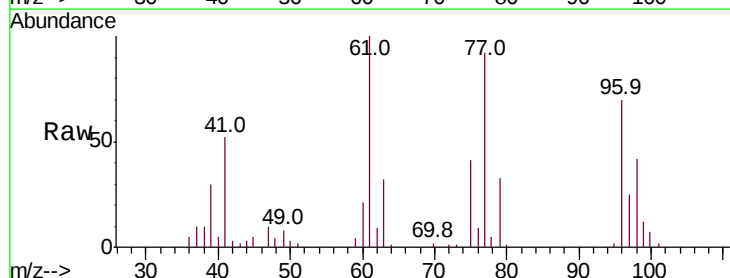
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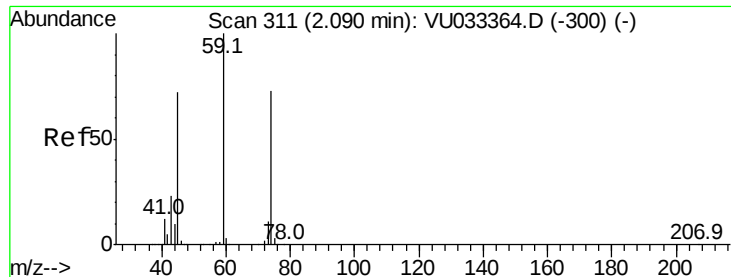
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#22
 cis-1,2-Dichloroethene
 Concen: 2.064 ug/l
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion: 96 Resp: 18701
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 376.3
 98 60.8 31.9 95.9





#23

Diethyl Ether

Concen: 1.838 ug/l

RT: 2.09 min Scan# 312

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

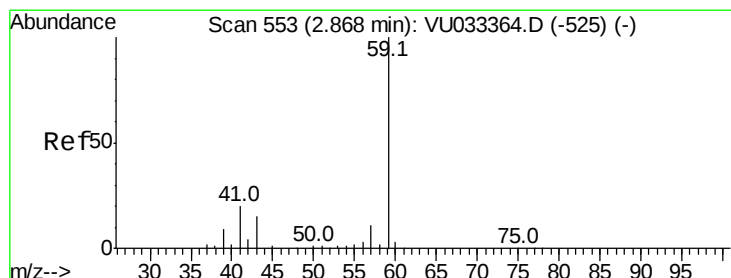
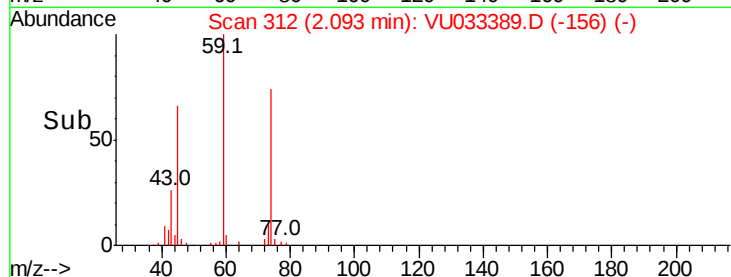
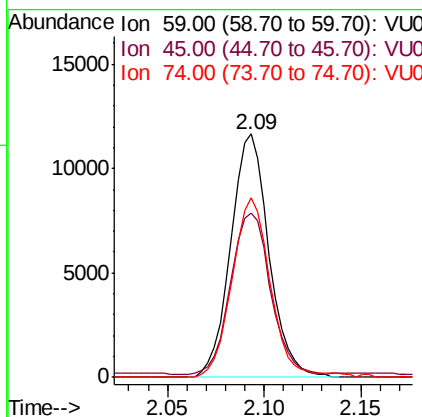
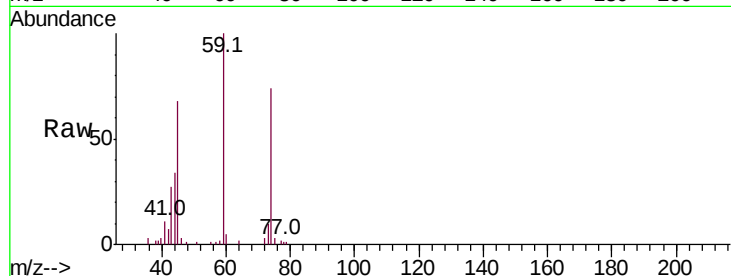
ClientSampleId :

VU0724WBS01

Tot Ion:	59	Resp:	15949
Ion	Ratio	Lower	Upper
59	100		
45	69.6	57.6	86.4
74	74.4	57.8	86.6

Manual Integrations
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#24

tert-Butyl Alcohol

Concen: 13.698 ug/l

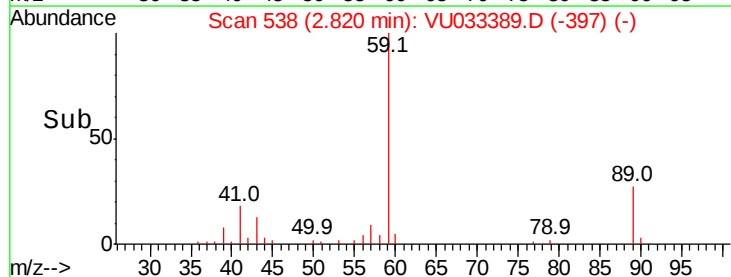
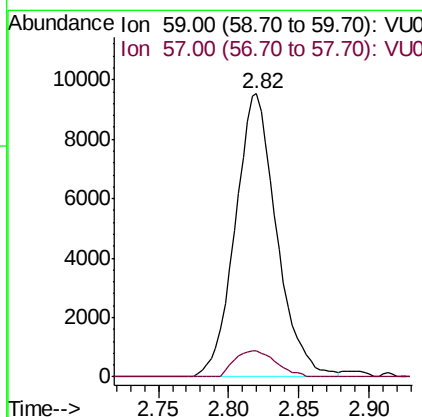
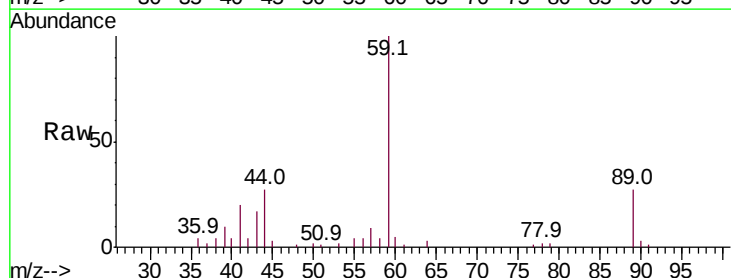
RT: 2.82 min Scan# 538

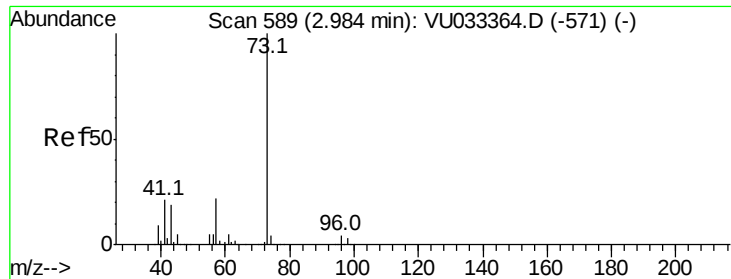
Delta R.T. -0.05 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion:	59	Resp:	19564
Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.8	11.8





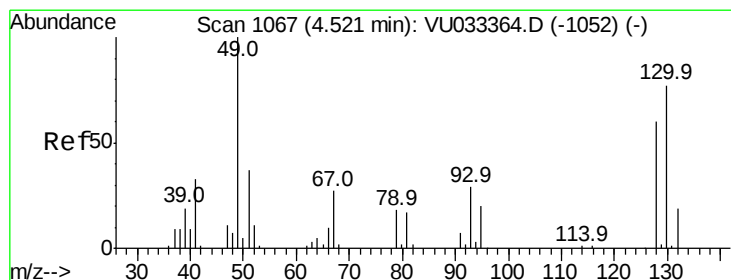
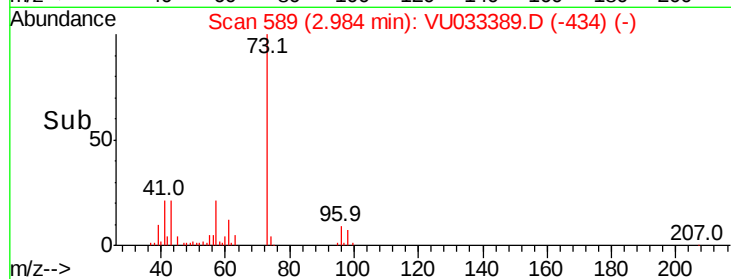
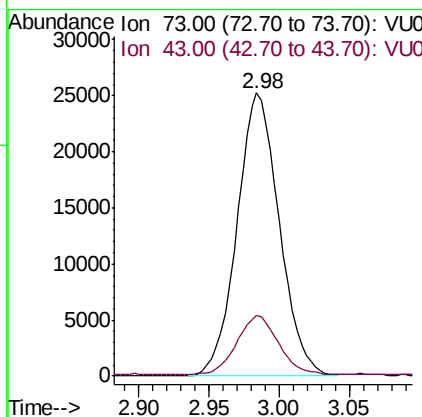
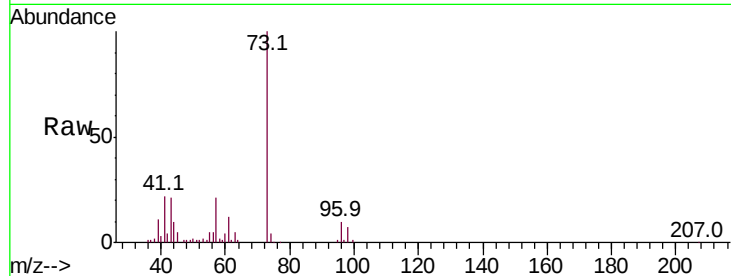
#25
Methvl tert-Butvl Ether
Concen: 1.826 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion: 73 Resp: 52934
Ion Ratio Lower Upper
73 100
43 20.5 16.6 24.8

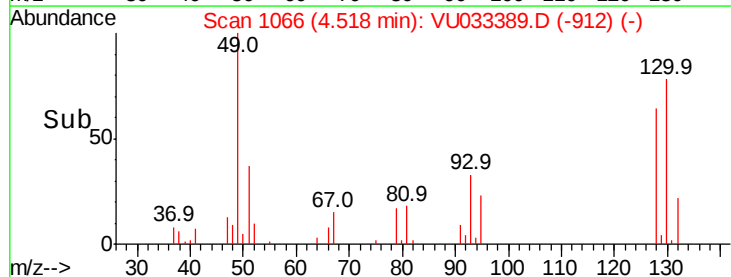
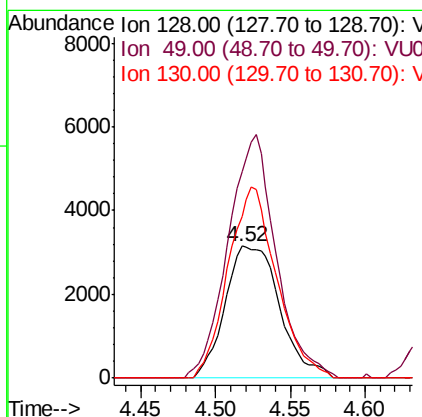
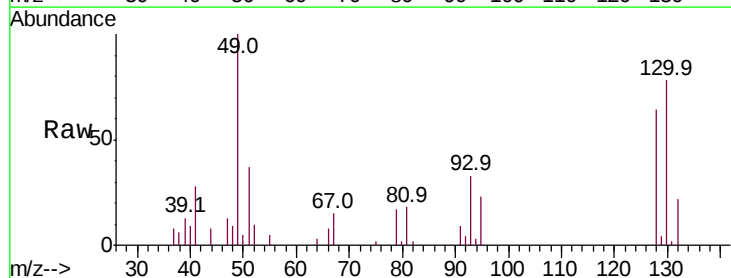
Manual Integrations
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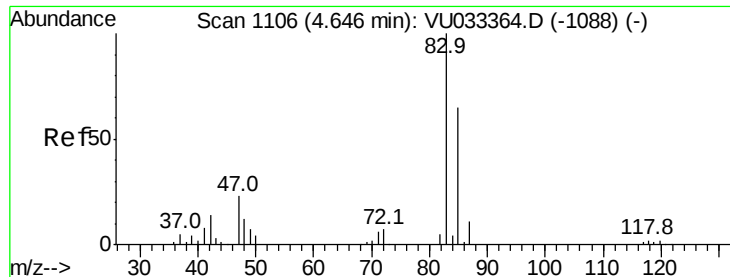
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#26
Bromochloromethane
Concen: 2.010 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion: 128 Resp: 8008
Ion Ratio Lower Upper
128 100
49 162.4 0.0 333.4
130 129.0 103.4 155.2





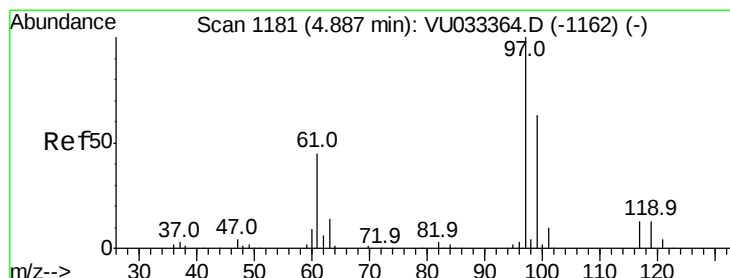
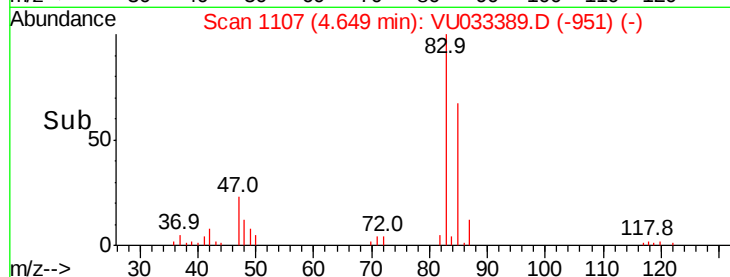
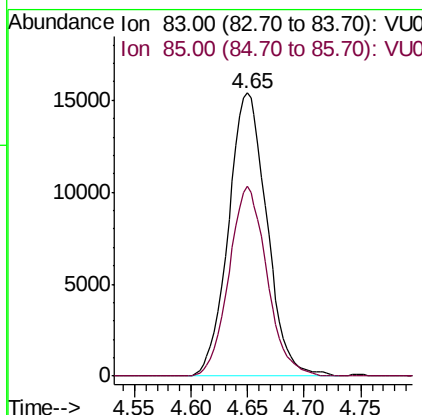
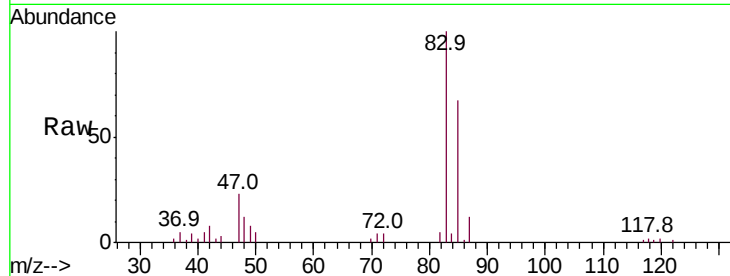
#27
Chloroform
Concen: 1.978 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion: 83 Resp: 36282
Ion Ratio Lower Upper
83 100
85 67.1 0.0 129.8

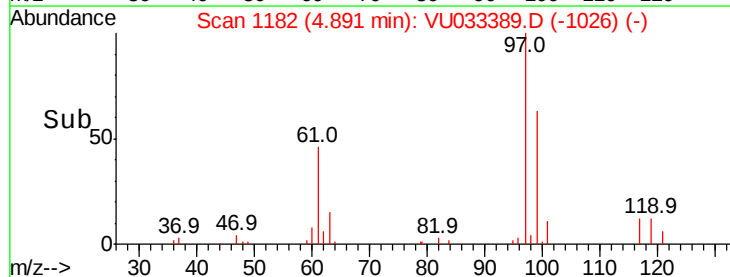
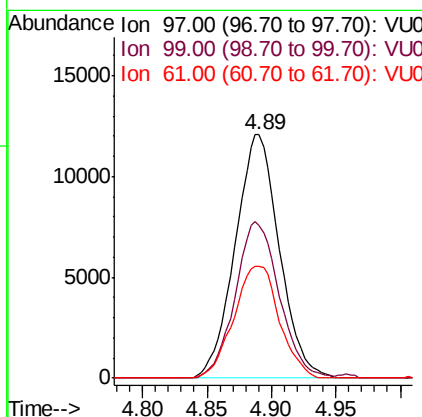
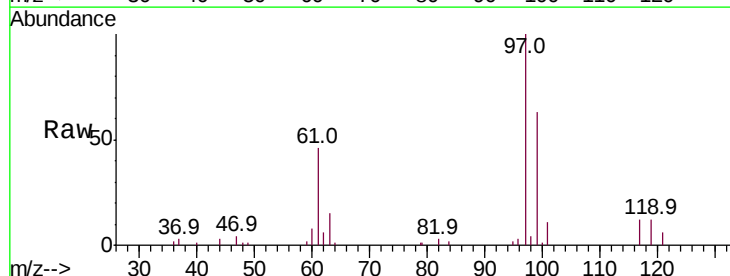
Manual Integrations
APPROVED

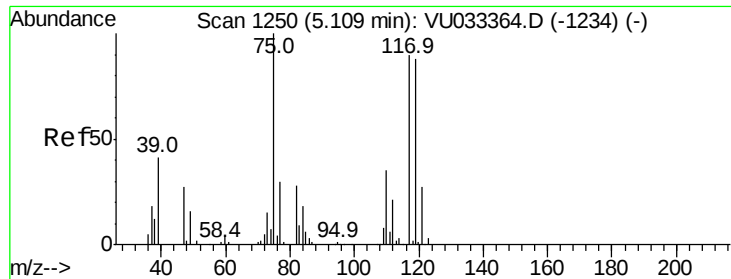
MMDadoda
7/25/2019 12:18:31 PM



#28
1,1,1-Trichloroethane
Concen: 2.029 ug/l
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion: 97 Resp: 28812
Ion Ratio Lower Upper
97 100
99 64.0 31.9 95.5
61 47.3 22.7 68.0





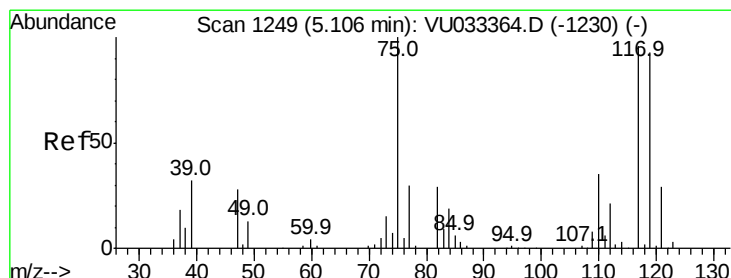
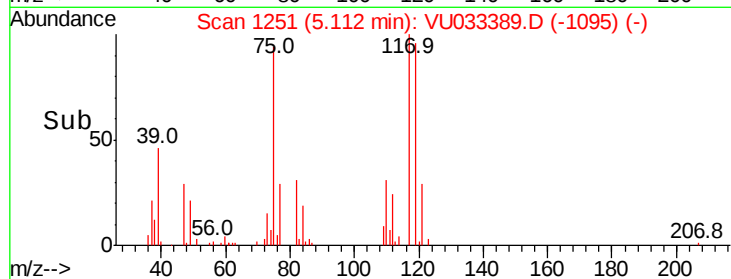
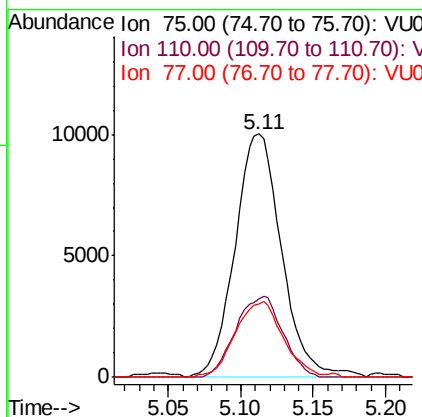
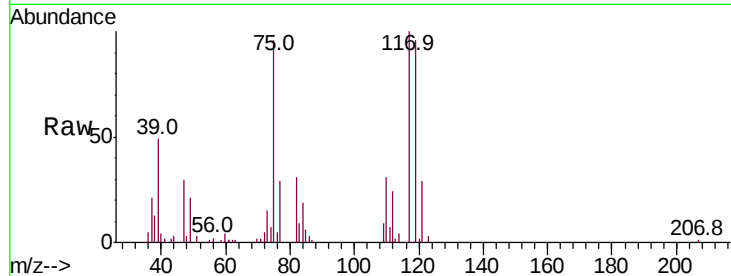
#29
 1,1-Dichloropropene
 Concen: 1.902 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.5	52.6
77	32.2	25.1	37.7

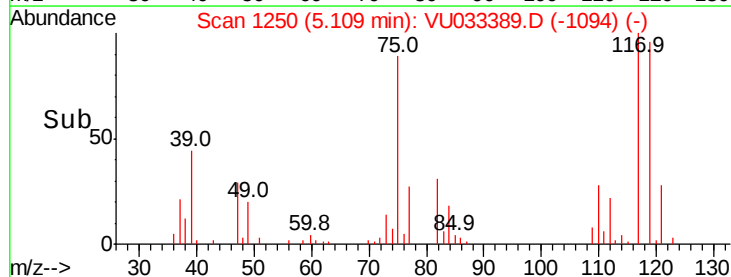
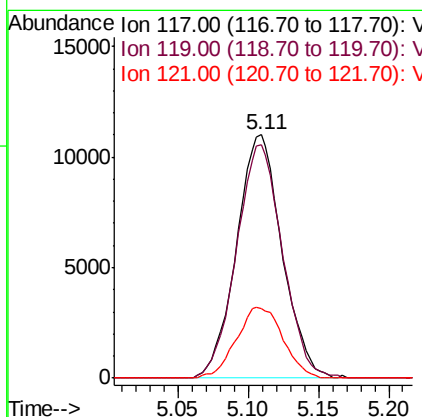
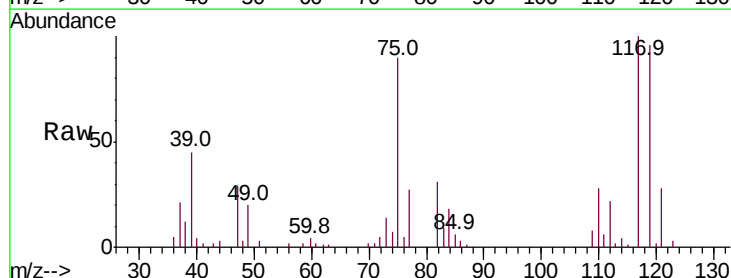
Manual Integrations
 APPROVED

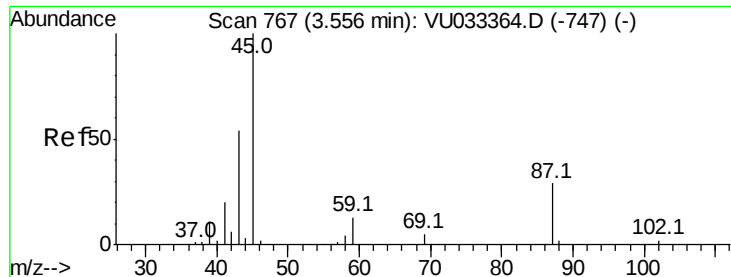
MMDadoda
 7/25/2019 12:18:31 PM



#30
 Carbon Tetrachloride
 Concen: 1.986 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.9	116.9
121	28.4	24.0	36.0





#31

Isopropyl Ether

Concen: 1.877 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion: 45 Resp: 38061

Ion Ratio Lower Upper

45 100

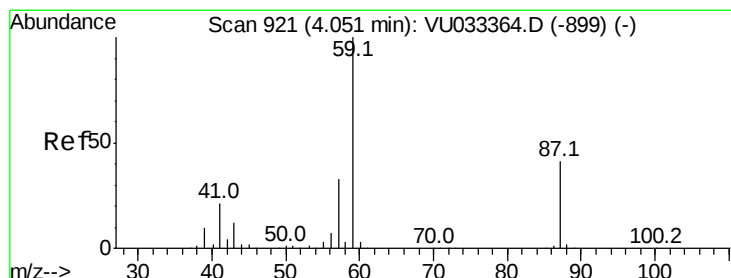
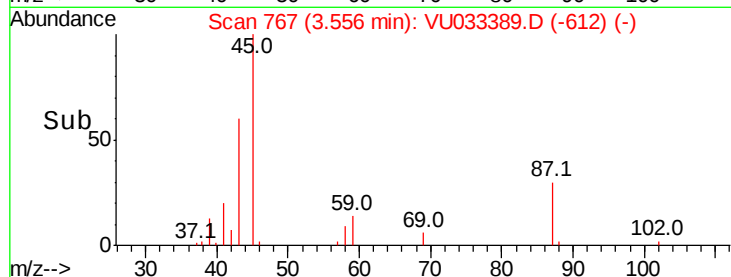
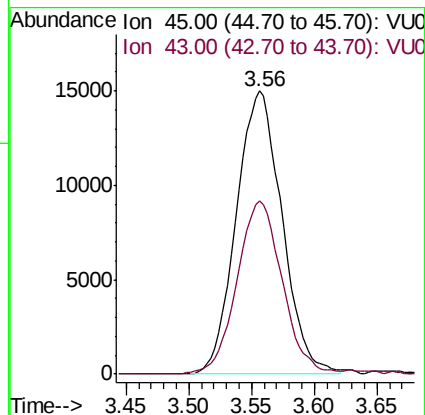
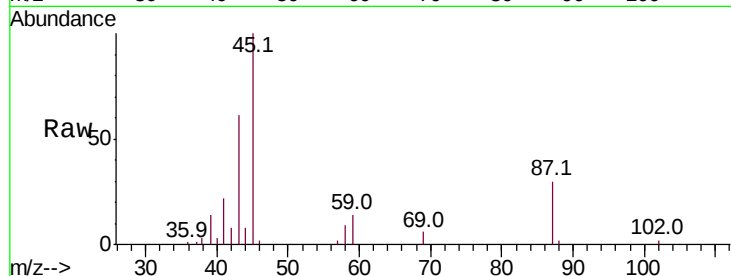
43 60.3 27.8 83.3

Manual Integrations

APPROVED

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#32

Ethyl-t-butyl ether

Concen: 1.768 ug/l

RT: 4.05 min Scan# 922

Delta R.T. 0.00 min

Lab File: VU033389.D

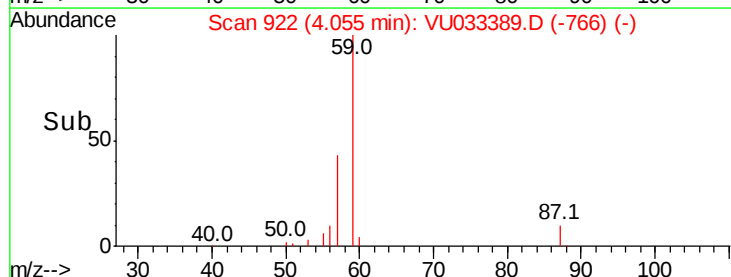
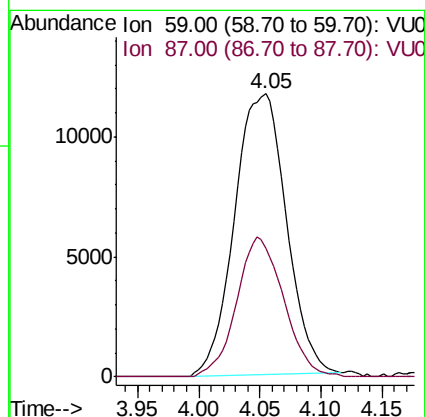
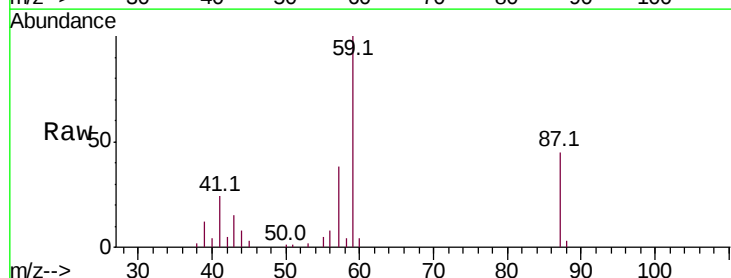
Acq: 24 Jul 2019 12:41

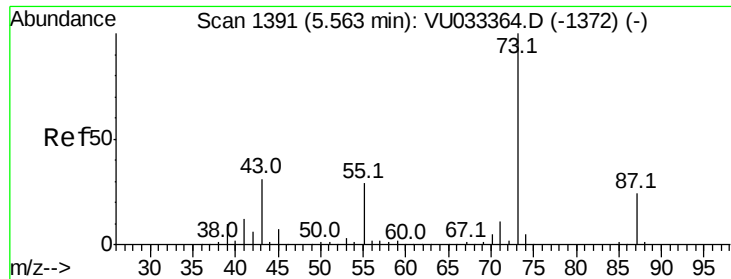
Tgt Ion: 59 Resp: 34478

Ion Ratio Lower Upper

59 100

87 45.1 33.8 50.6





#33

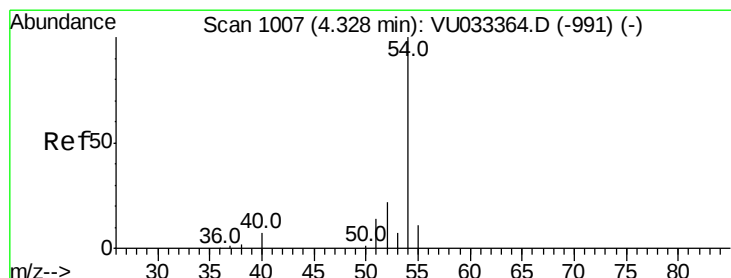
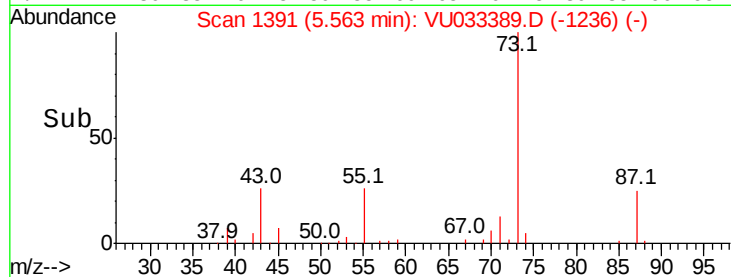
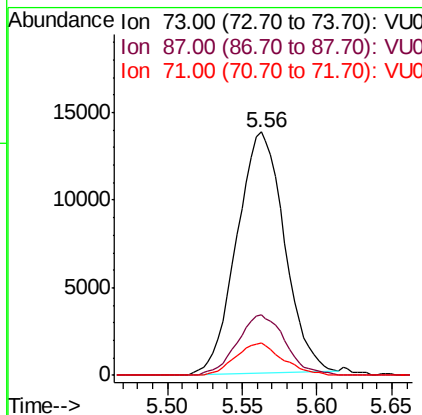
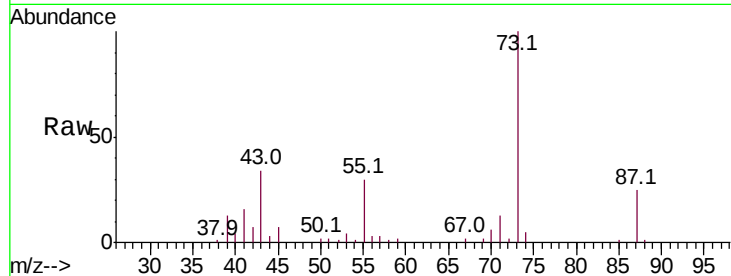
Tert-Amvl methvl ether
Concen: 1.739 ug/l
RT: 5.56 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.2	18.9	28.3
71	13.2	9.3	13.9

Manual Integrations
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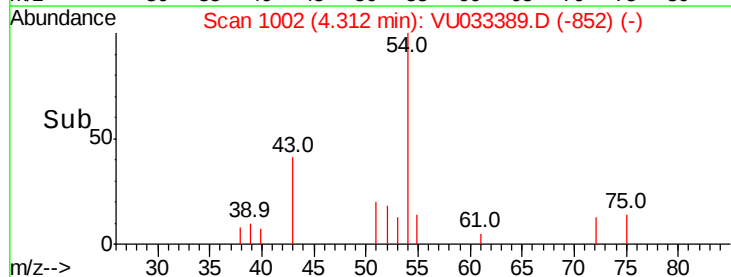
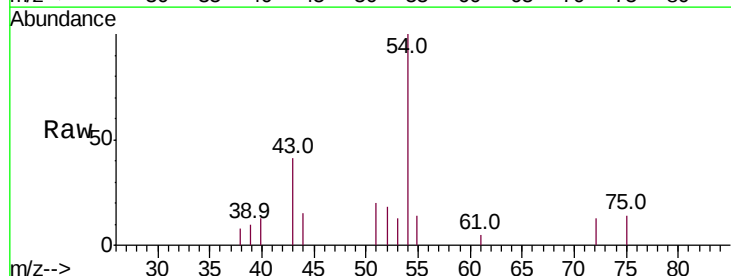
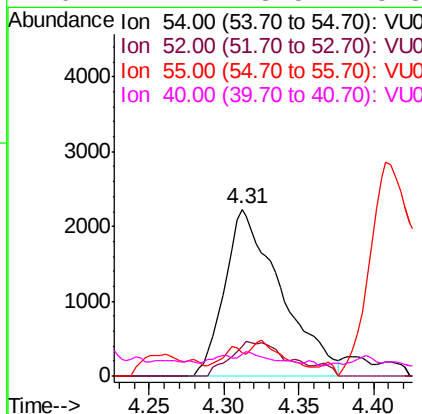
MMDadoda
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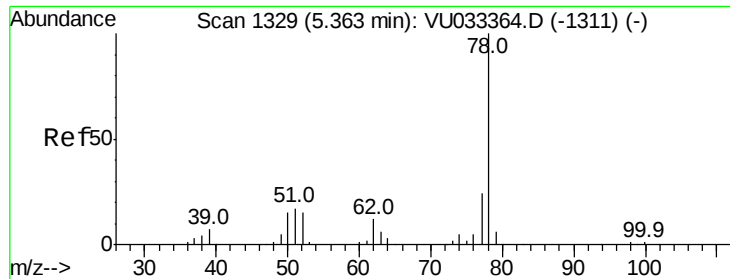


#34

Propionitrile
Concen: 8.856 ug/l
RT: 4.31 min Scan# 1002
Delta R.T. -0.02 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
54	100		
52	17.6	17.1	25.7
55	5.8	11.6	17.4#
40	1.7	3.5	5.3#





#35

Benzene

Concen: 1.979 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion: 78 Resp: 66977

Ion Ratio Lower Upper

78 100

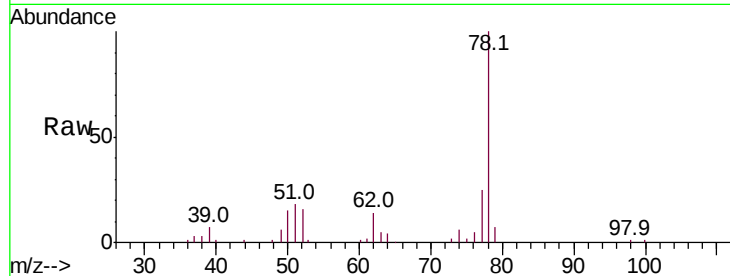
77 24.5 19.4 29.2

Manual Integrations

APPROVED

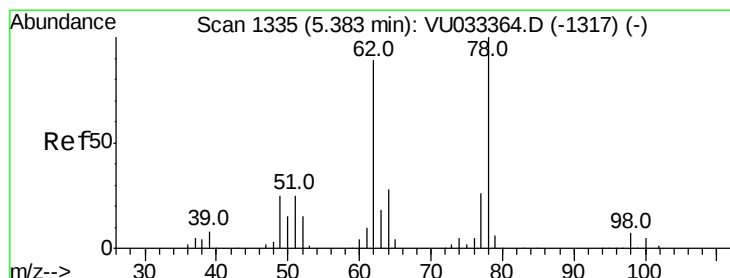
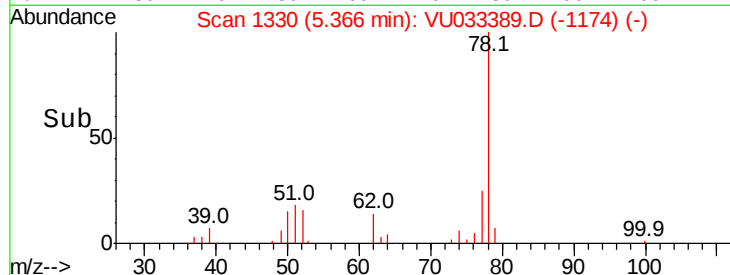
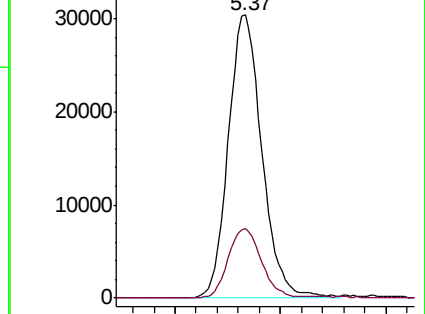
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Abundance Ion 78.10 (77.80 to 78.80): VU033364.D (-1311) (-)

Ion 77.00 (76.70 to 77.70): VU033389.D (-1174) (-)



#36

1,2-Dichloroethane

Concen: 1.992 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU033389.D

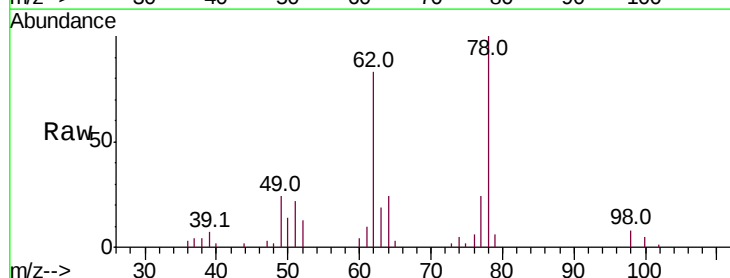
Acq: 24 Jul 2019 12:41

Tgt Ion: 62 Resp: 22430

Ion Ratio Lower Upper

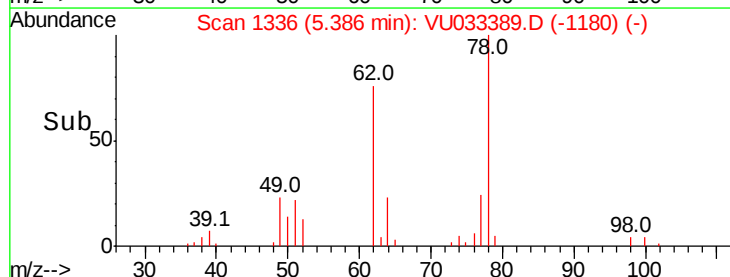
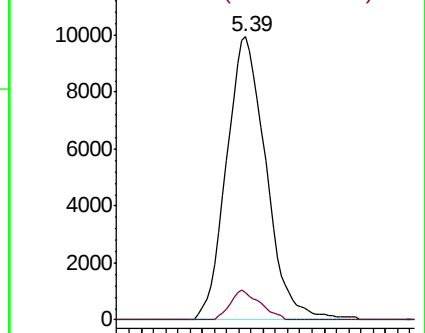
62 100

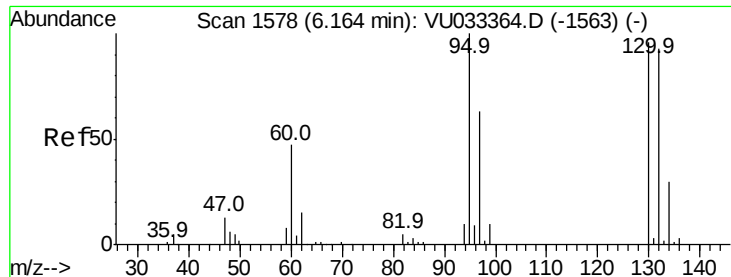
98 8.0 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU033364.D (-1317) (-)

Ion 98.00 (97.70 to 98.70): VU033389.D (-1180) (-)





#37

Trichloroethene

Concen: 1.870 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

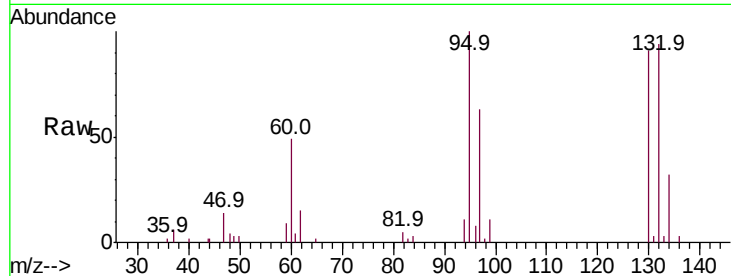
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion:130 Resp: 16700

Ion	Ratio	Lower	Upper
130	100		
95	110.1	83.4	125.0

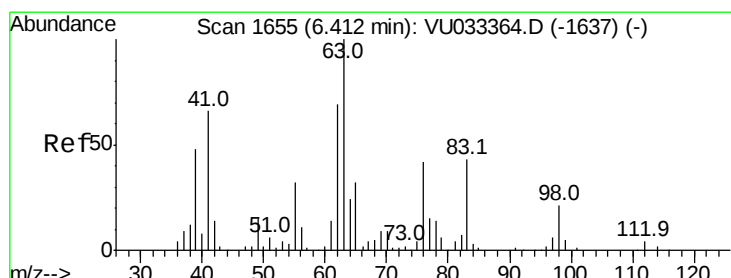
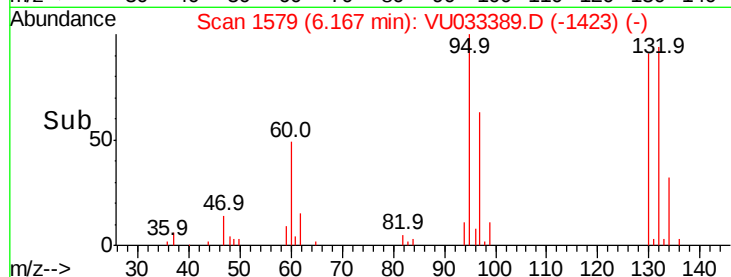
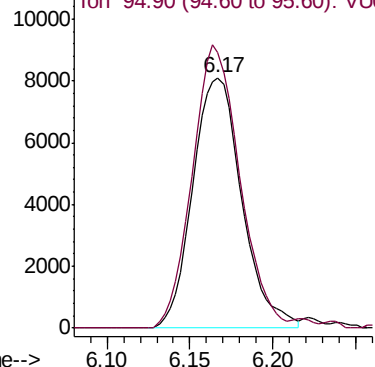
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Abundance Ion 129.90 (129.60 to 130.60): VU033364.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU033364.D (-1563) (-)



#38

1,2-Dichloropropane

Concen: 1.819 ug/l

RT: 6.41 min Scan# 1656

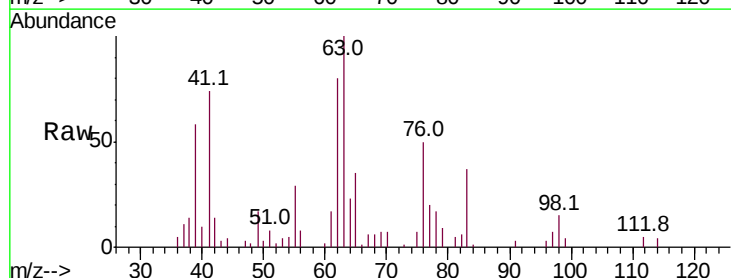
Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

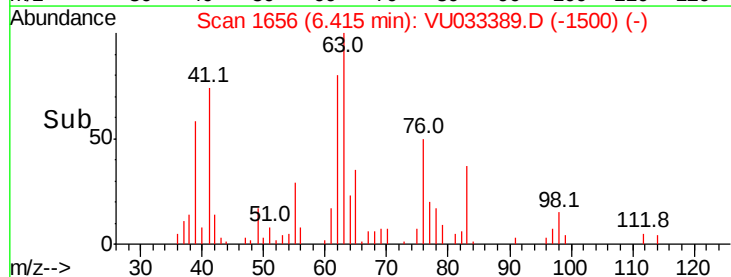
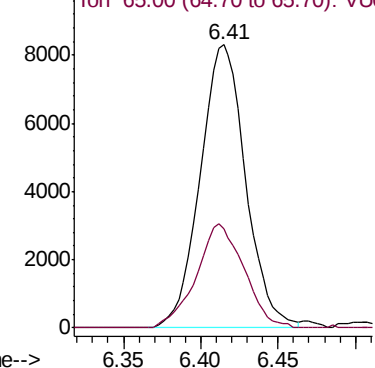
Tgt Ion: 63 Resp: 16978

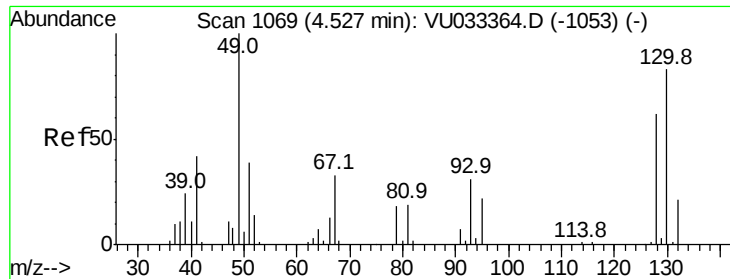
Ion	Ratio	Lower	Upper
63	100		
65	34.8	25.7	38.5



Abundance Ion 63.00 (62.70 to 63.70): VU033364.D (-1637) (-)

Ion 65.00 (64.70 to 65.70): VU033364.D (-1637) (-)





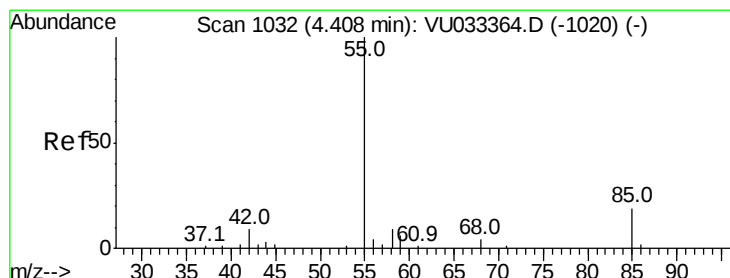
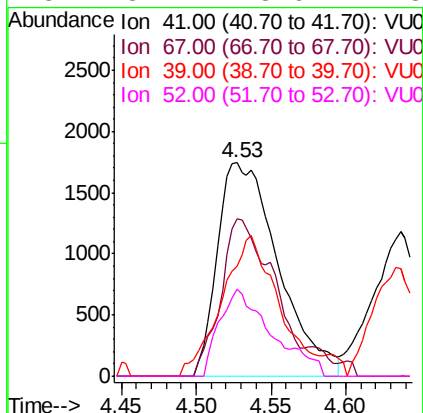
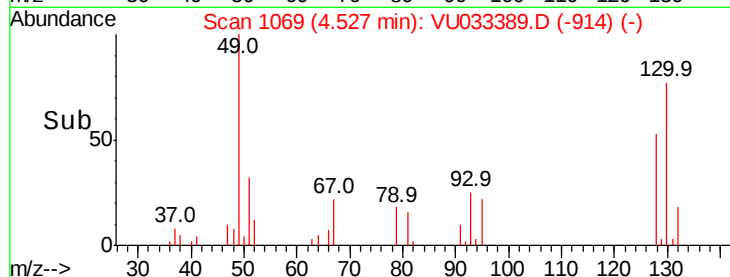
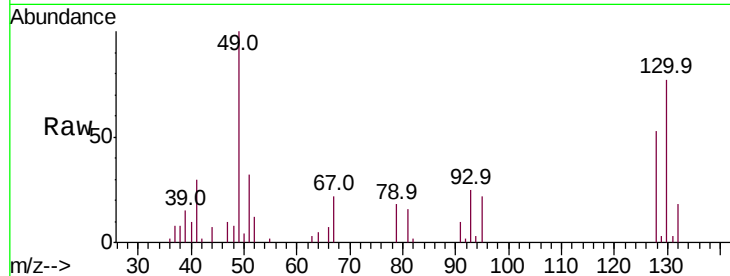
#39
Methacrylonitrile
Concen: 1.902 ug/l
RT: 4.53 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
67	63.4	64.4	96.6#
39	61.5	46.8	70.2
52	34.7	28.6	42.8

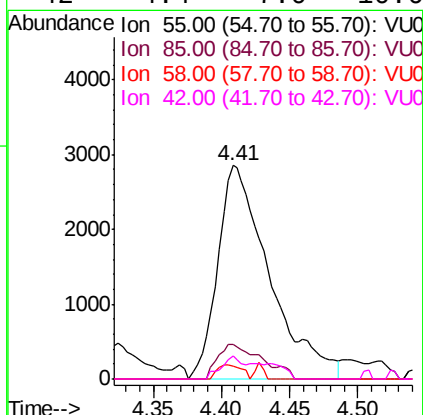
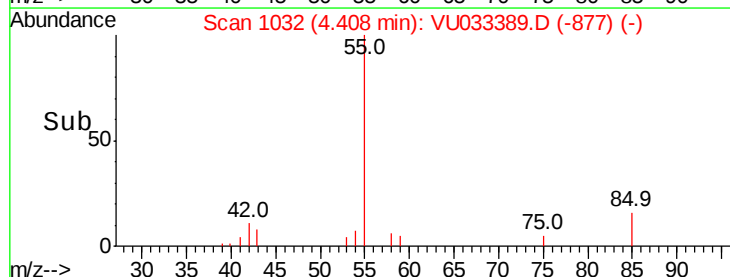
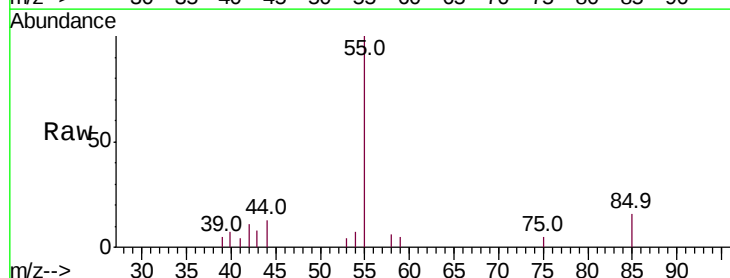
Manual Integrations
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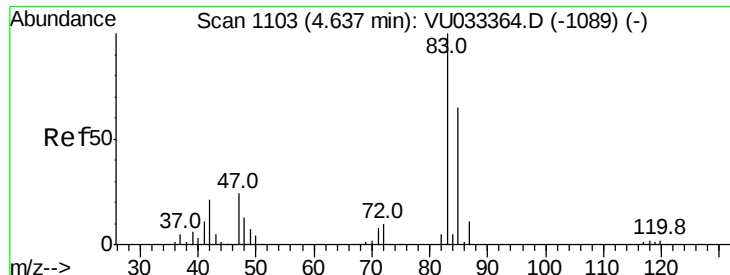
MMDadoda
7/25/2019 12:18:31 PM



#40
Methyl acrylate
Concen: 1.855 ug/l
RT: 4.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
55	100		
85	13.8	14.8	22.2#
58	3.1	7.1	10.7#
42	4.4	7.0	10.6#





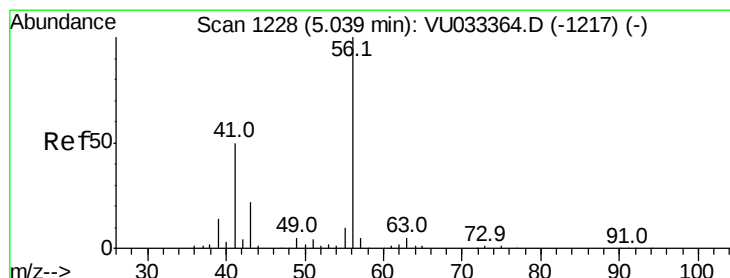
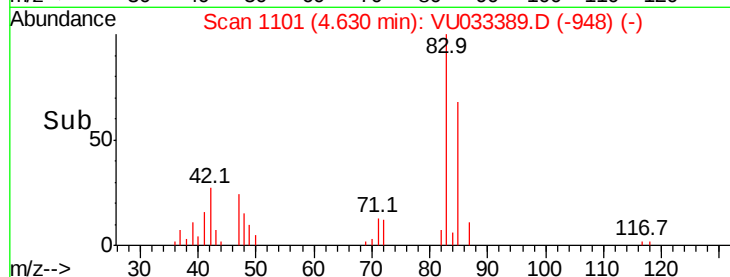
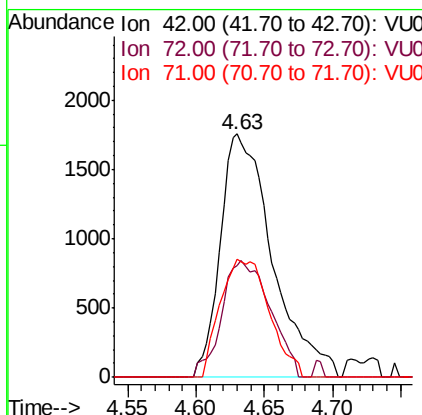
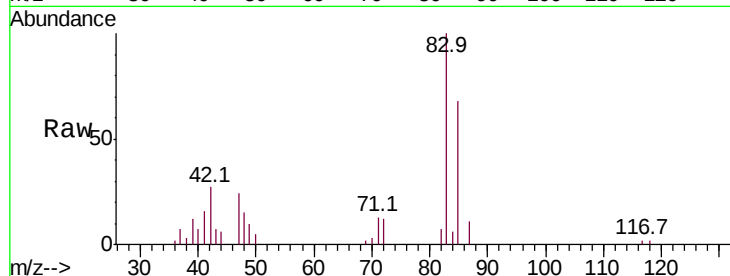
#41
Tetrahydrofuran
Concen: 3.574 ug/l
RT: 4.63 min Scan# 1101
Delta R.T. -0.01 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	38.7	58.1
71	45.3	34.6	52.0

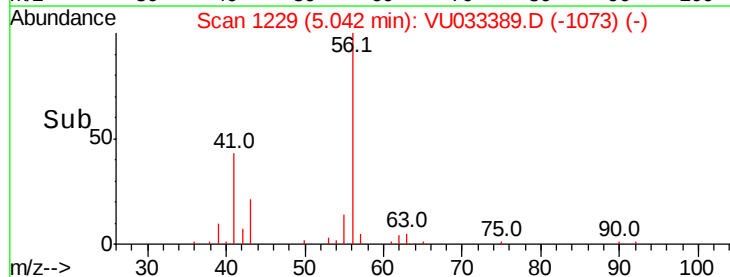
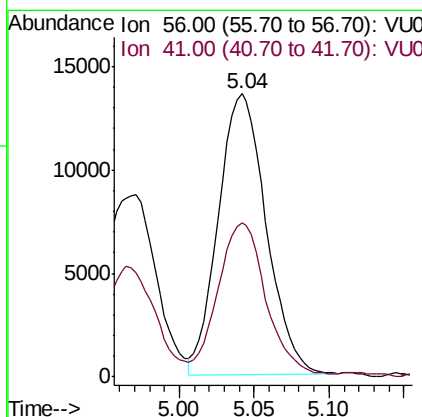
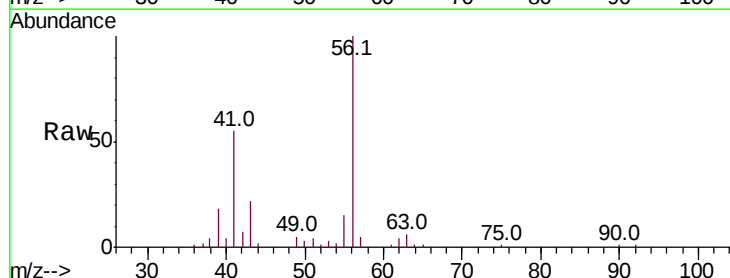
Manual Integrations
APPROVED

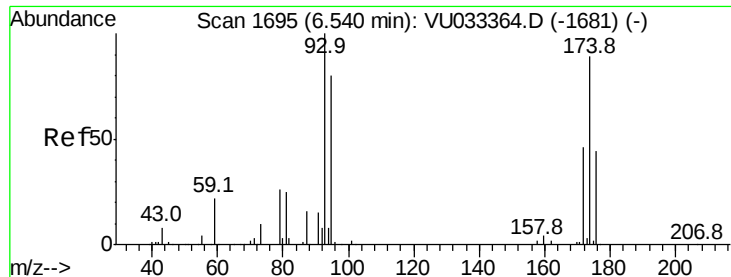
MMDadoda
7/25/2019 12:18:31 PM



#42
1-Chlorobutane
Concen: 1.925 ug/l
RT: 5.04 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
56	100		
41	56.0	25.7	77.1





#43

Dibromomethane

Concen: 1.796 ug/l

RT: 6.54 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

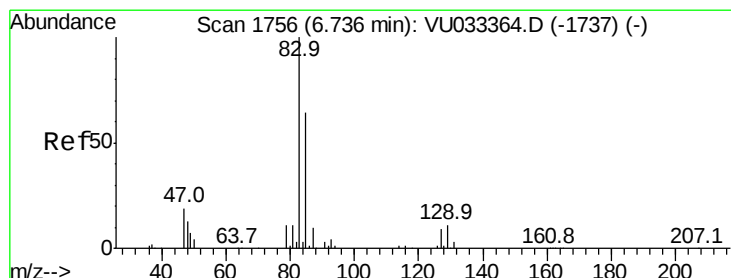
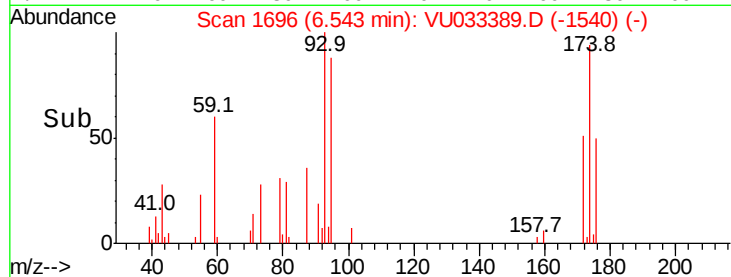
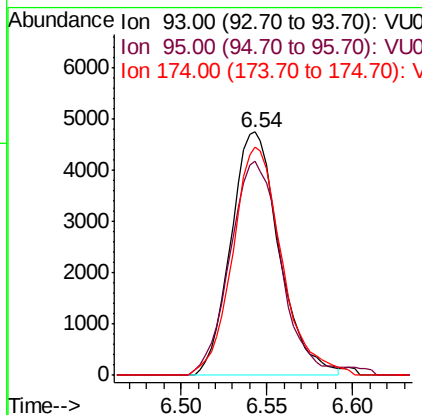
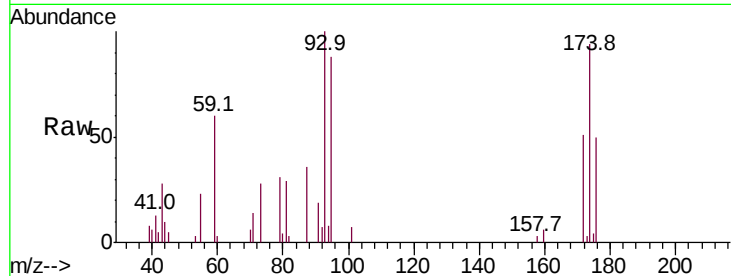
VU0724WBS01

Tot Ion: 93 Resp: 9283

Ion	Ratio	Lower	Upper
93	100		
95	92.8	65.3	97.9
174	95.0	70.7	106.1

Manual Integrations
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#44

Bromodichloromethane

Concen: 1.974 ug/l

RT: 6.74 min Scan# 1757

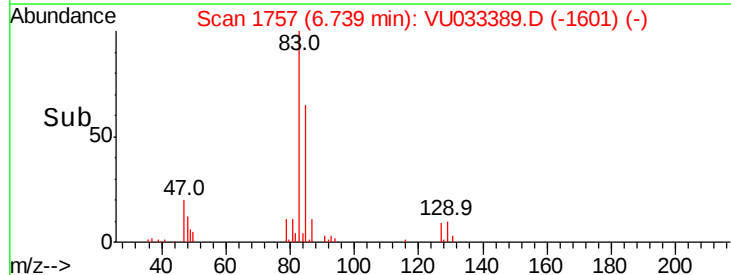
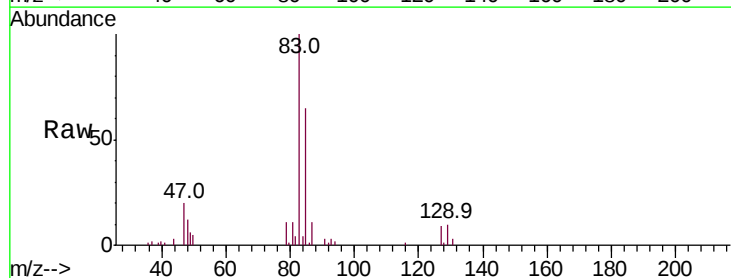
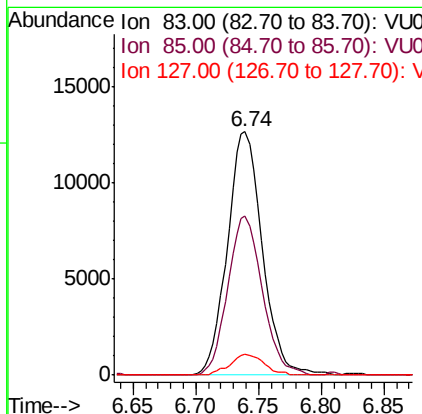
Delta R.T. 0.00 min

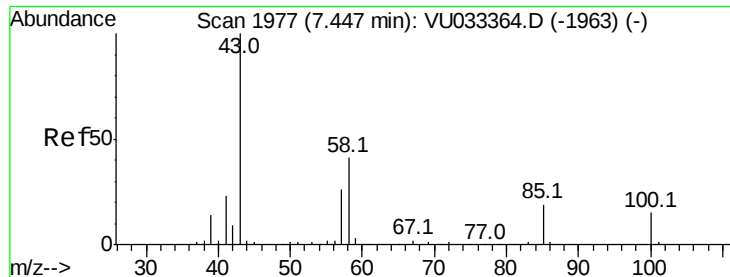
Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion: 83 Resp: 24593

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.1	76.7
127	8.6	7.2	10.8





#45

4-Methyl-2-Pentanone

Concen: 8.675 ug/l

RT: 7.45 min Scan# 1978

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

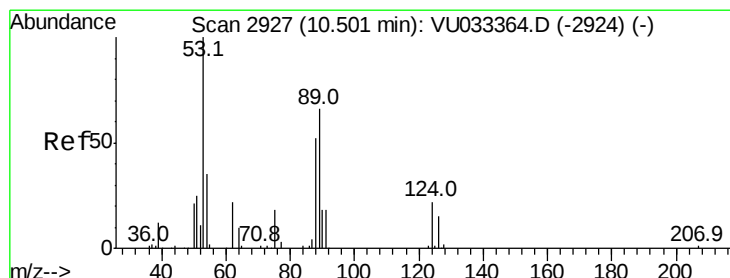
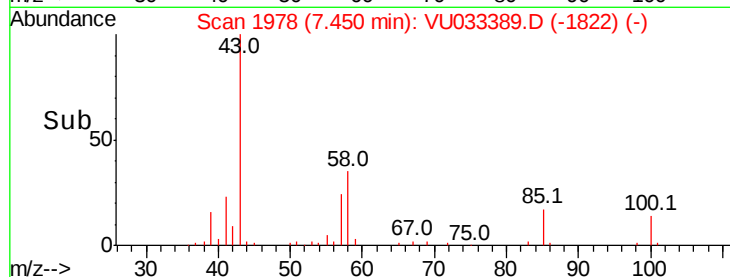
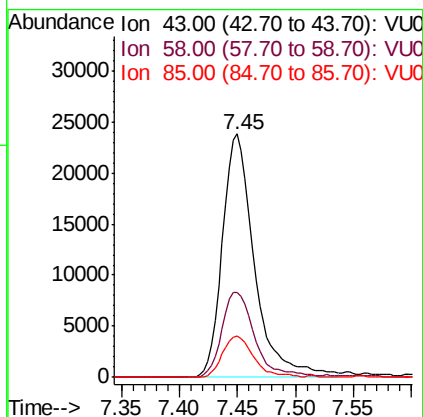
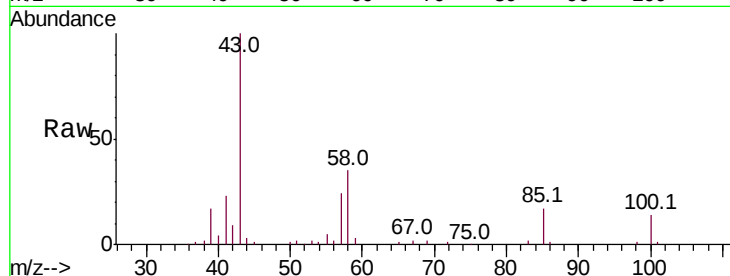
ClientSampleId :

VU0724WBS01

Tot Ion:	43	Resp:	45725
Ion	Ratio	Lower	Upper
43	100		
58	35.7	20.3	60.8
85	16.3	15.0	22.6

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#46

t-1,4-Dichloro-2-butene

Concen: 3.536 ug/l m

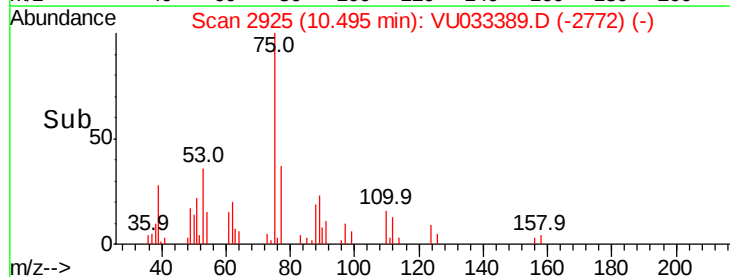
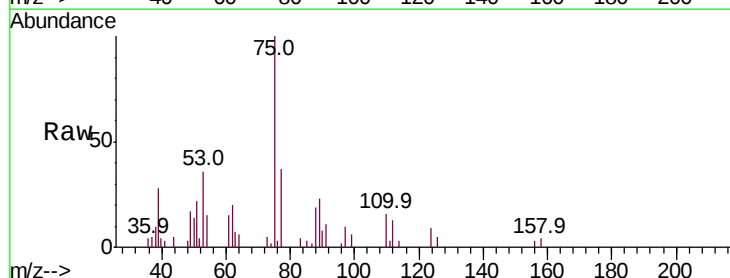
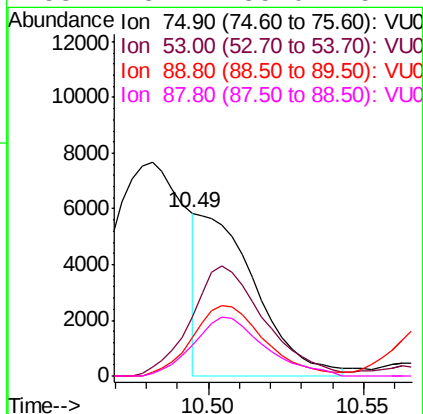
RT: 10.49 min Scan# 2925

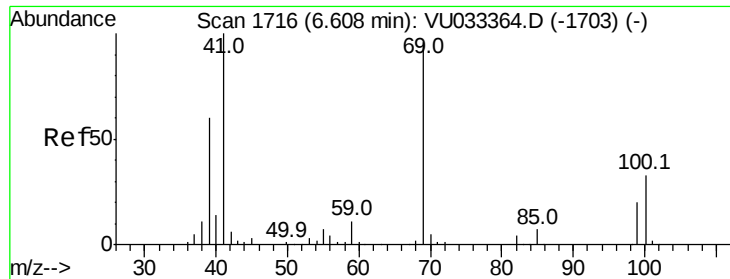
Delta R.T. -0.01 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion:	75	Resp:	7521
Ion	Ratio	Lower	Upper
75	100		
53	86.7	62.9	94.3
89	54.3	43.0	64.4
88	45.2	35.0	52.4





#47

Methyl methacrylate

Concen: 3.457 ug/l

RT: 6.61 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

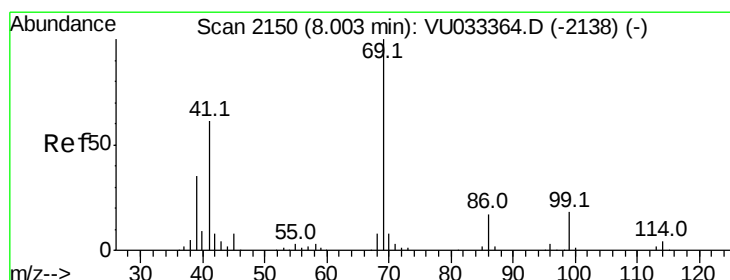
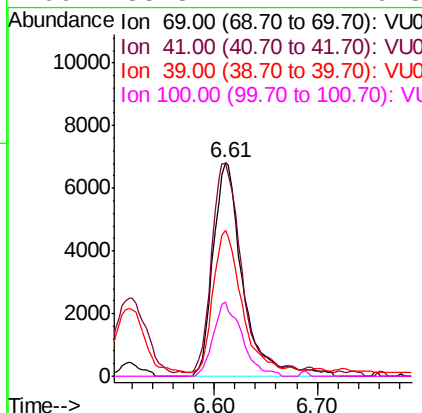
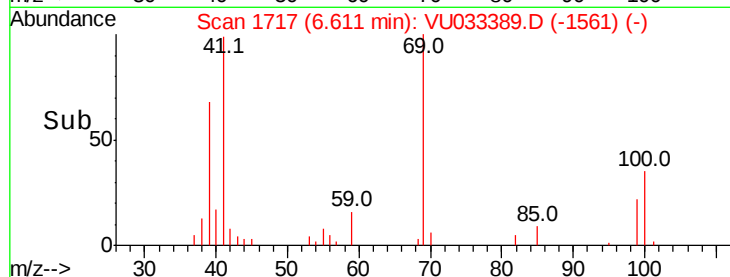
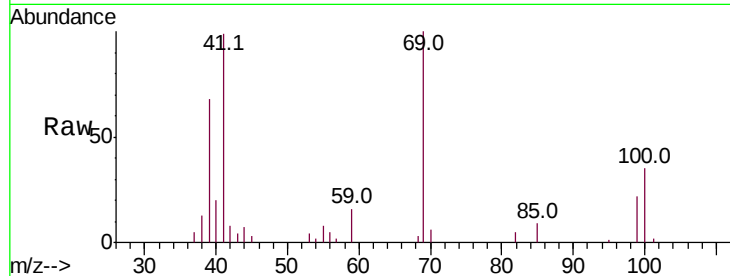
Instrument :
MSVOA_U

ClientSampleId :
VU0724WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		13618		
41	97.2	0.0	208.2		
39	62.7	50.6	75.8		
100	33.3	27.2	40.8		

Manual Integrations
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#48

Ethyl methacrylate

Concen: 1.668 ug/l

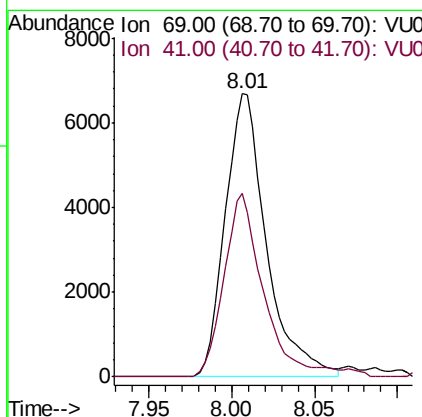
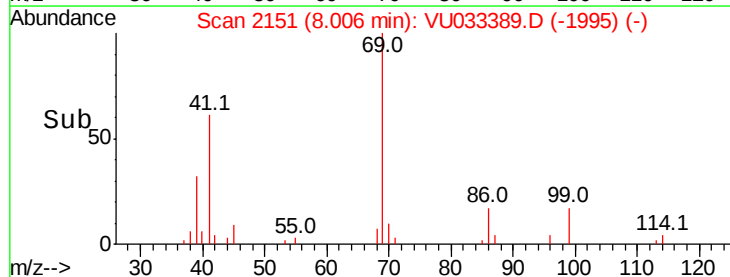
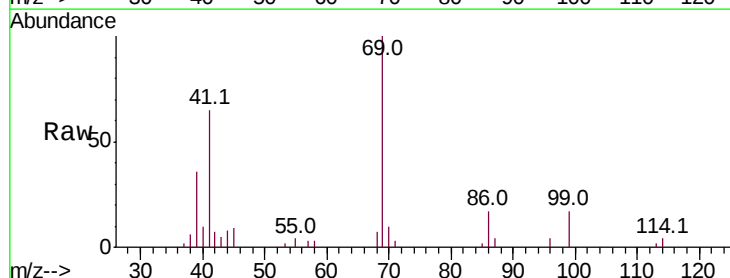
RT: 8.01 min Scan# 2151

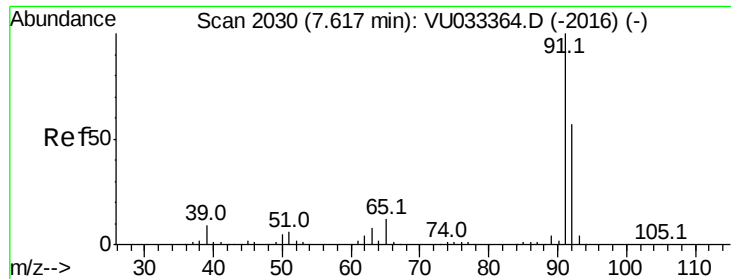
Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		11579		
41	62.8	30.9	92.7		





#49

Toluene

Concen: 1.980 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion: 92 Resp: 38387

Ion Ratio Lower Upper

92 100

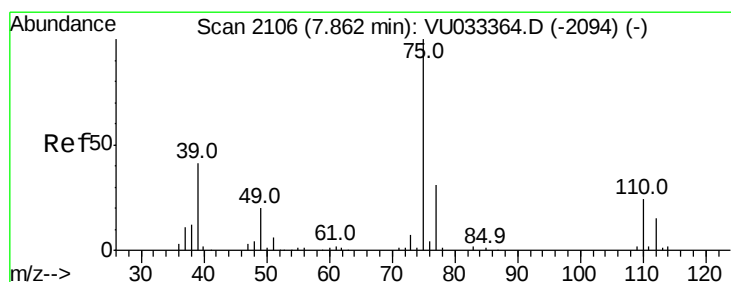
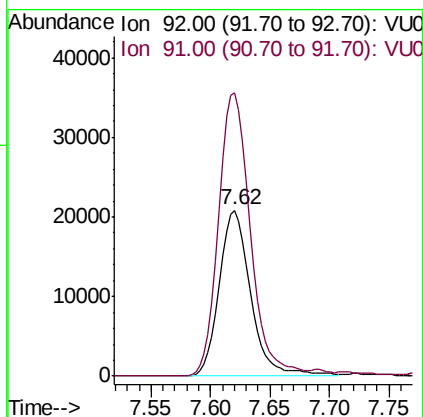
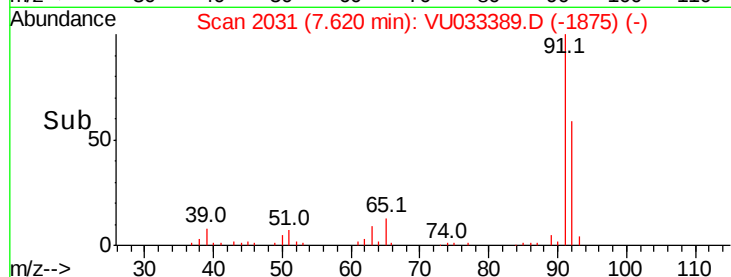
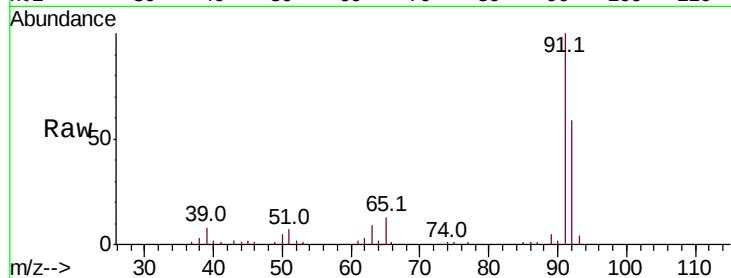
91 172.2 142.1 213.1

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 1.795 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033389.D

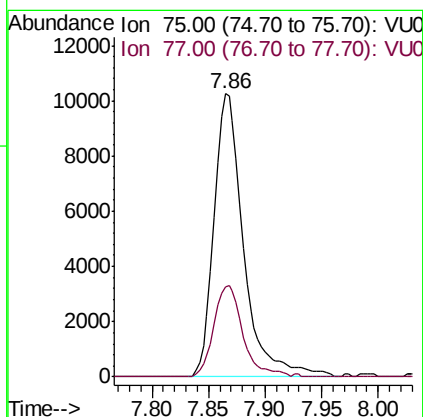
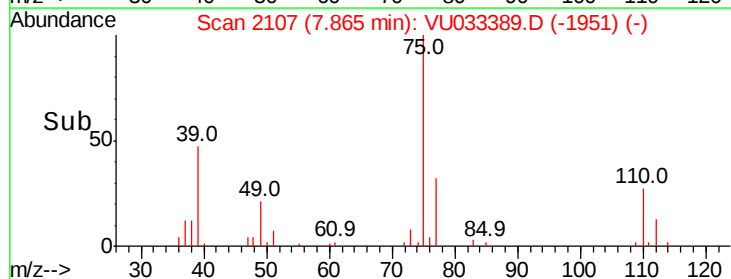
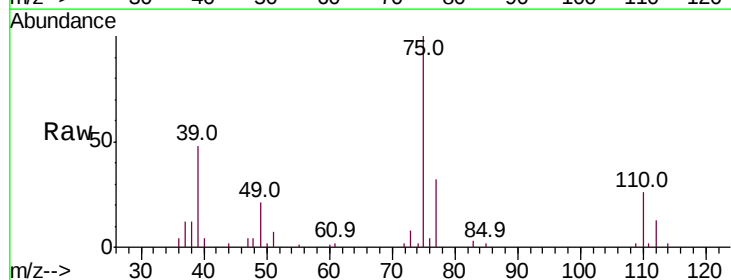
Acq: 24 Jul 2019 12:41

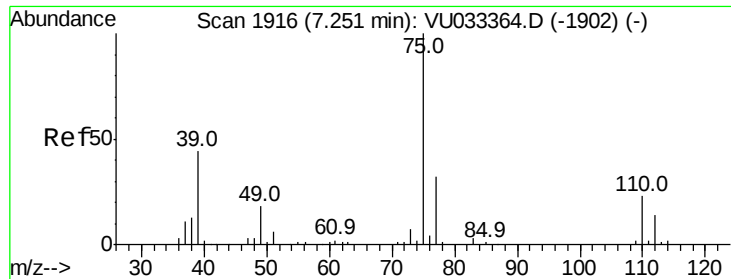
Tgt Ion: 75 Resp: 18658

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8





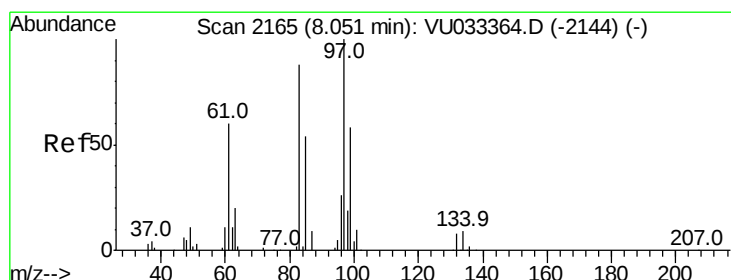
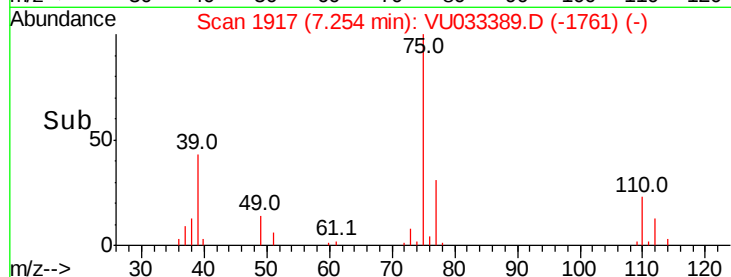
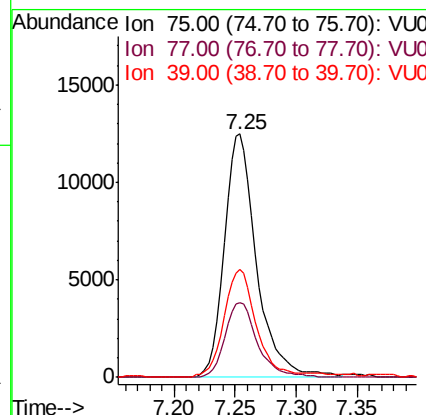
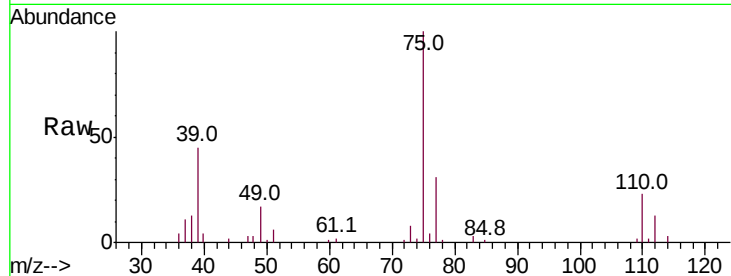
#51
 cis-1,3-Dichloropropene
 Concen: 1.886 ug/l
 RT: 7.25 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.8
39	44.6	35.2	52.8

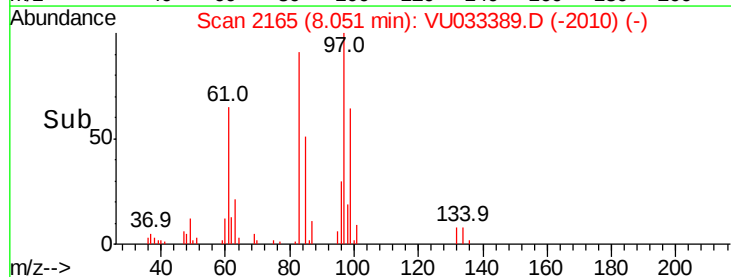
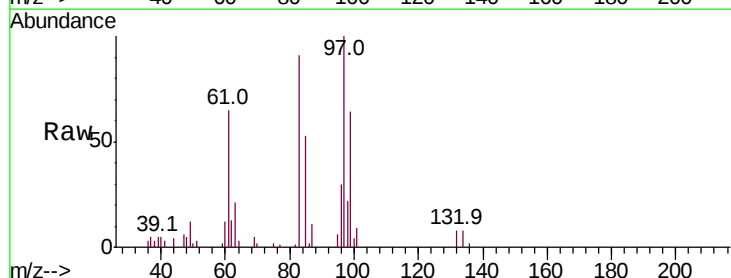
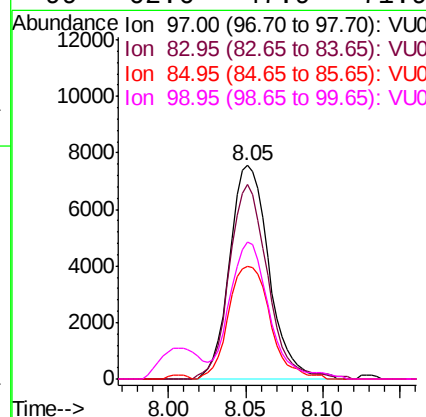
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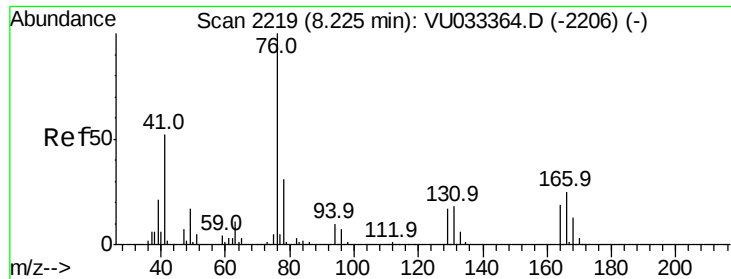
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#52
 1,1,2-Trichloroethane
 Concen: 1.935 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.9	70.2	105.2
85	52.6	43.5	65.3
99	62.6	47.9	71.9





#53

1,3-Dichloropropane

Concen: 1.953 ug/l

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tot Ion: 76 Resp: 22799

Ion Ratio Lower Upper

76 100

78 31.2 25.7 38.5

Instrument :

MSVOA_U

ClientSampled :

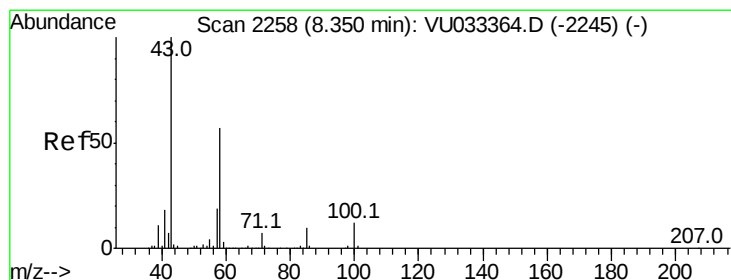
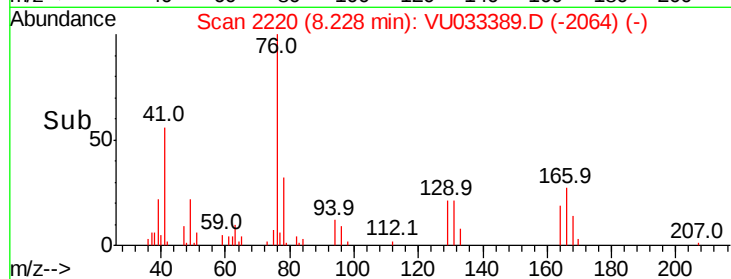
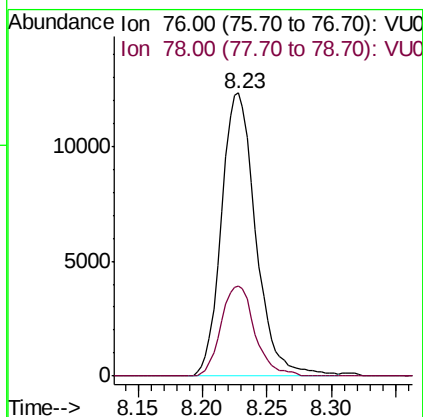
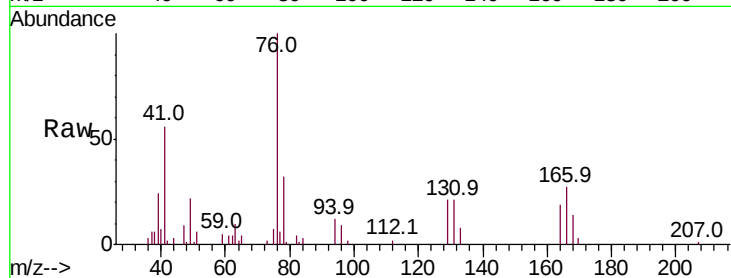
VU0724WBS01

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#54

2-Hexanone

Concen: 7.930 ug/l

RT: 8.35 min Scan# 2259

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

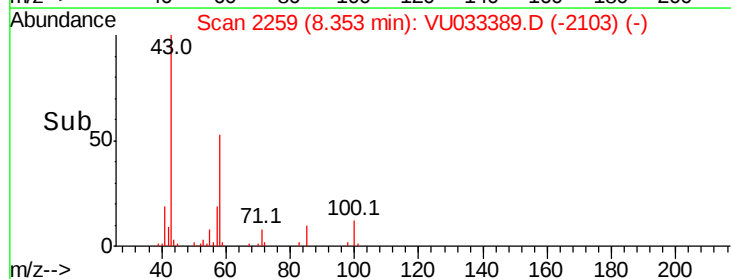
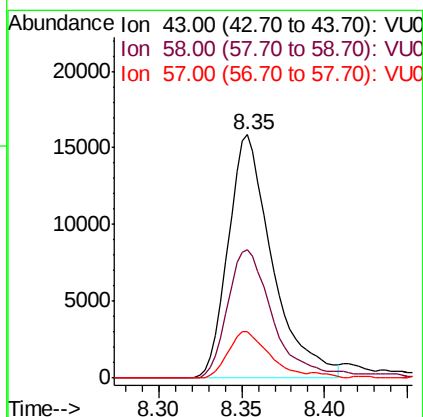
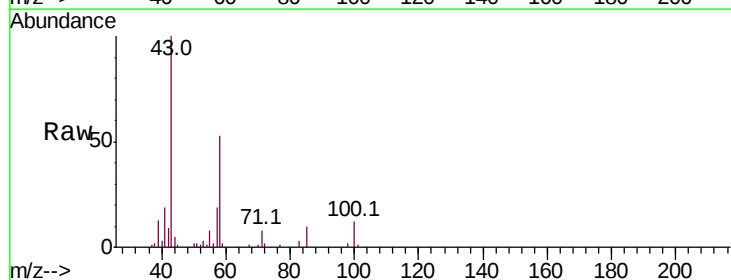
Tgt Ion: 43 Resp: 29423

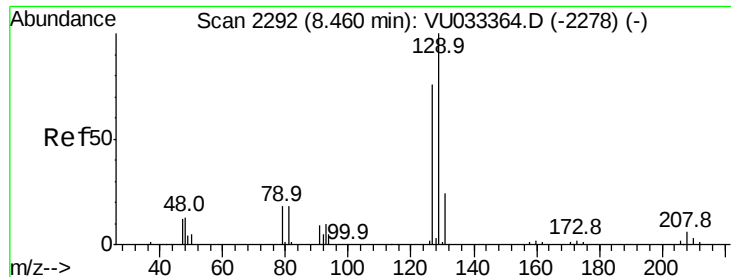
Ion Ratio Lower Upper

43 100

58 54.5 36.0 76.0

57 17.5 0.0 39.4





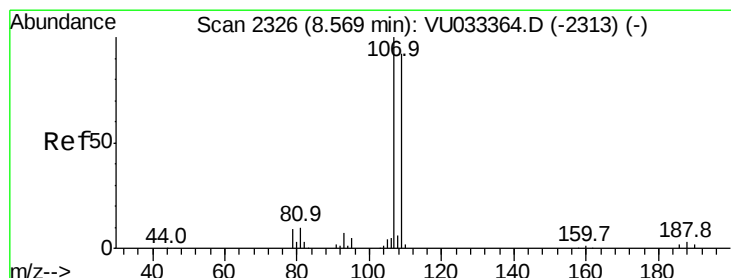
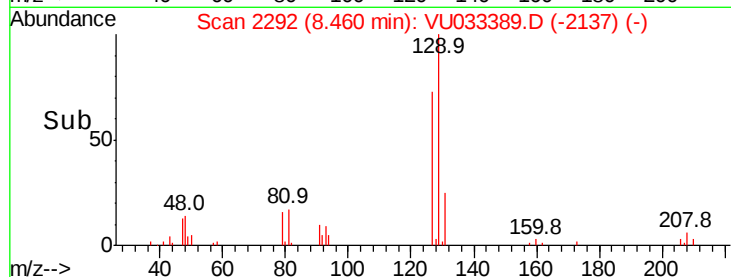
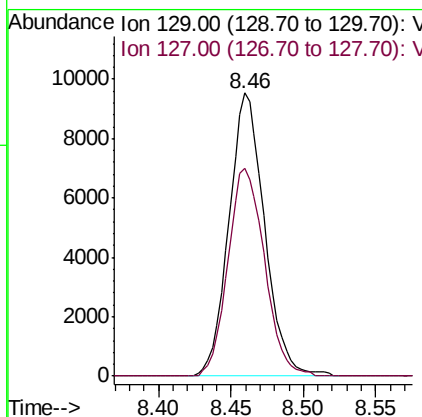
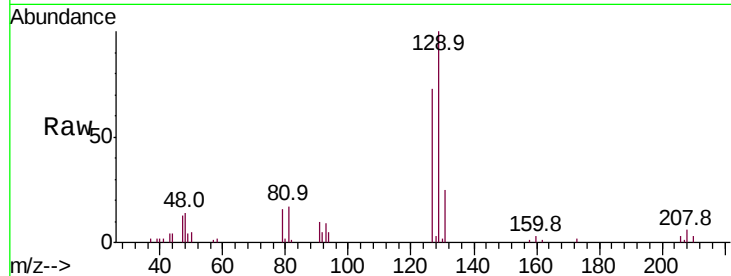
#55
 Dibromochloromethane
 Concen: 2.019 ug/l
 RT: 8.46 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

Tot Ion	Ratio	Lower	Upper
129	100		
127	75.2	60.9	91.3

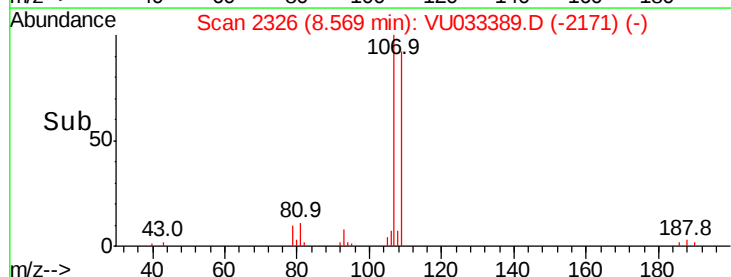
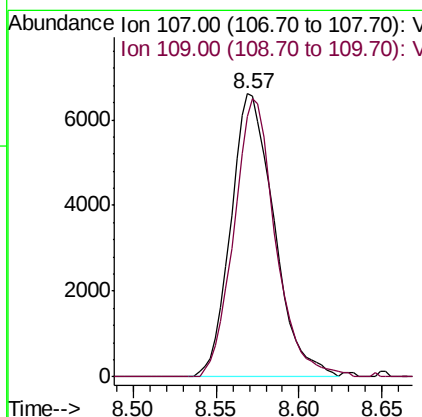
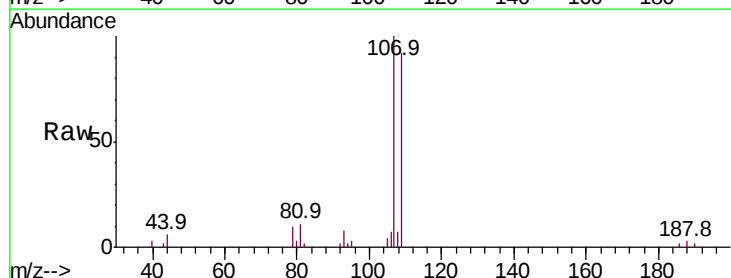
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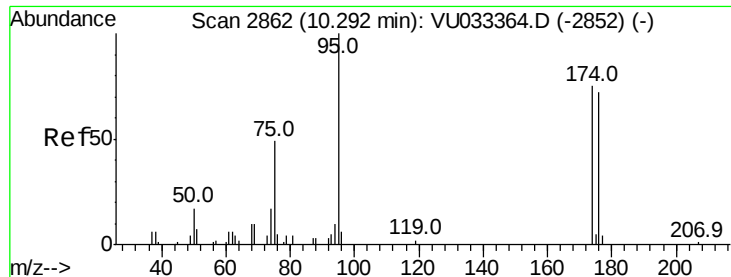
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#56
 1,2-Dibromoethane
 Concen: 1.868 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	0.0	184.8





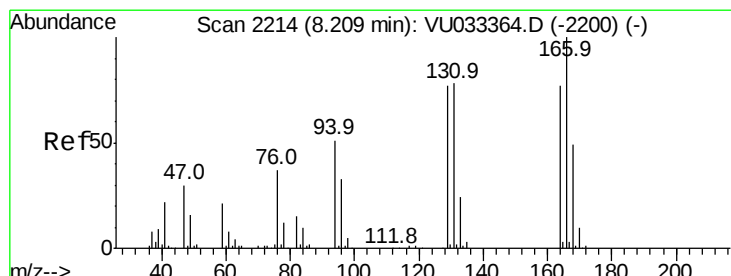
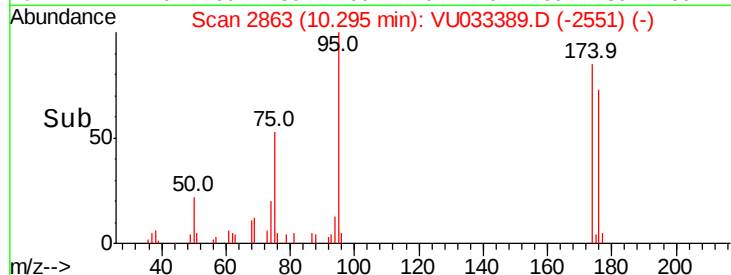
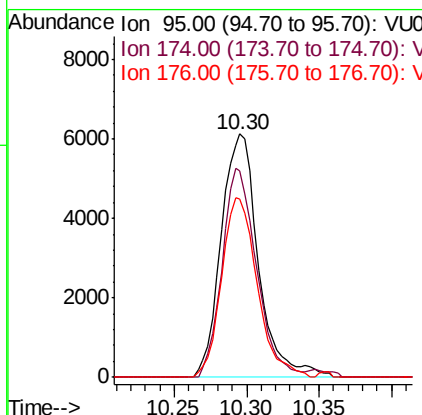
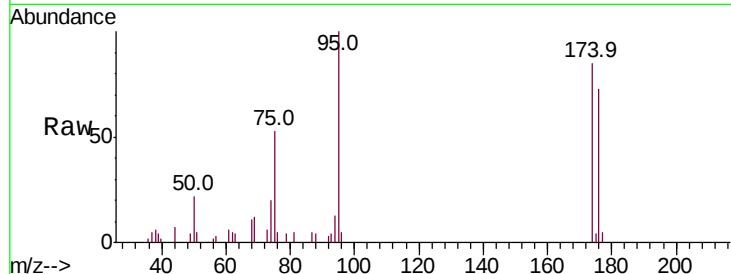
#57
4-Bromofluorobenzene
Concen: 0.982 ug/l
RT: 10.30 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion	Ratio	Lower	Upper
95	100		
174	79.5	58.8	88.2
176	70.7	54.4	81.6

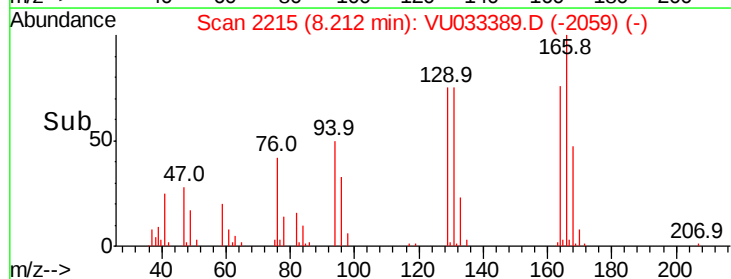
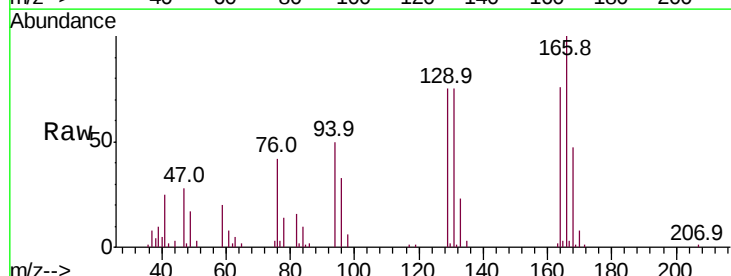
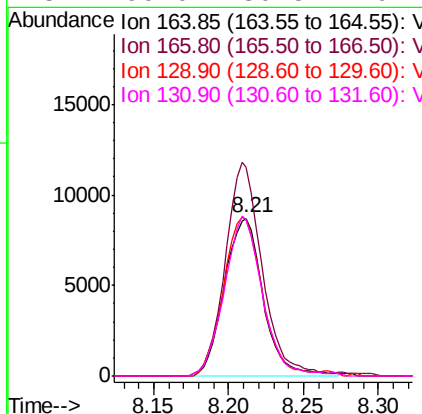
Manual Integrations
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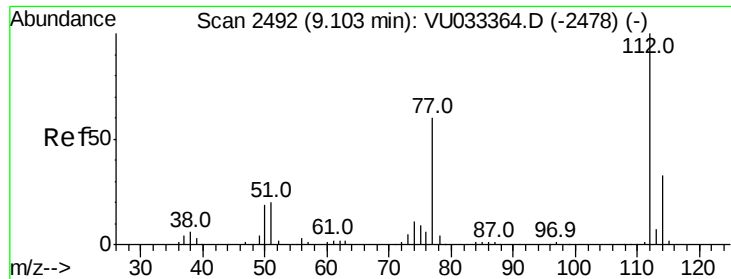
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#58
Tetrachloroethene
Concen: 1.941 ug/l
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	103.8	155.6
129	99.0	79.7	119.5
131	99.0	80.5	120.7





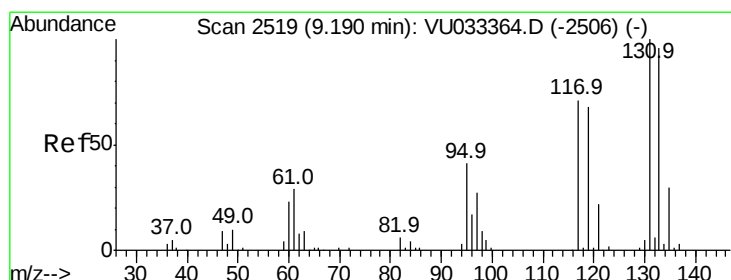
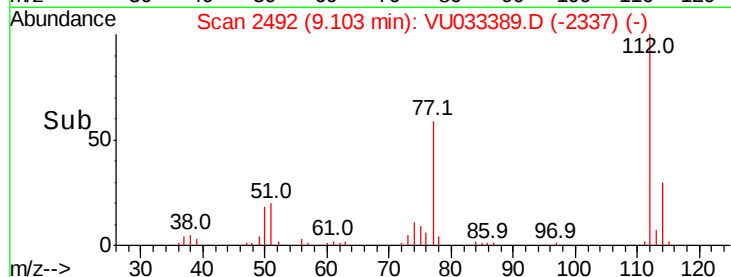
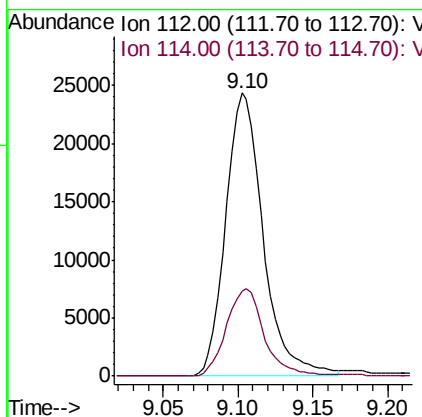
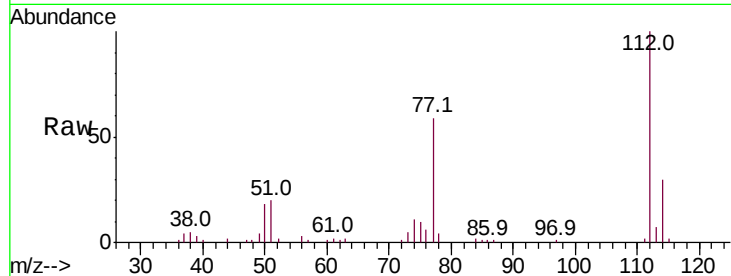
#59
Chlorobenzene
Concen: 1.917 ug/l
RT: 9.10 min Scan# 2492
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion:112 Resp: 42605
Ion Ratio Lower Upper
112 100
114 29.8 26.4 39.6

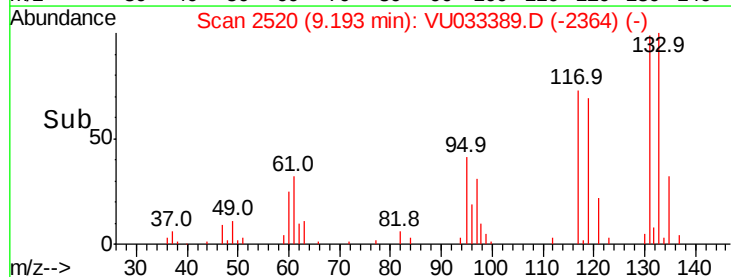
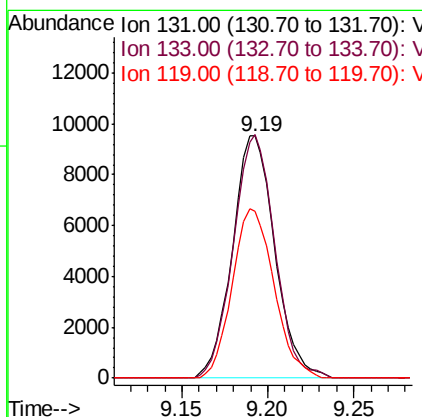
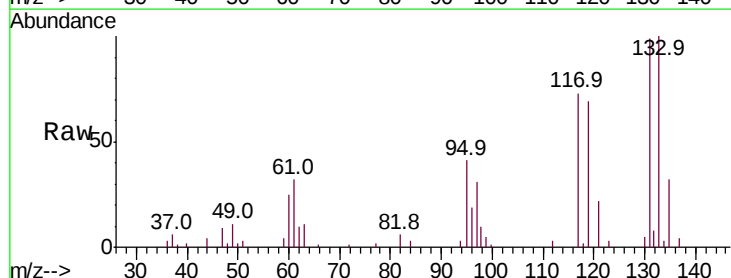
Manual Integrations
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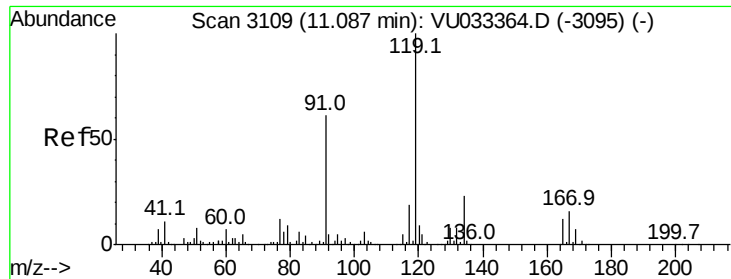
MMDadoda
7/25/2019 12:18:31 PM



#60
1,1,1,2-Tetrachloroethane
Concen: 1.942 ug/l
RT: 9.19 min Scan# 2520
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion:131 Resp: 16391
Ion Ratio Lower Upper
131 100
133 98.0 76.2 114.4
119 68.8 54.9 82.3





#61

Pentachloroethane

Concen: 2.133 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion:117 Resp: 14773

Ion Ratio Lower Upper

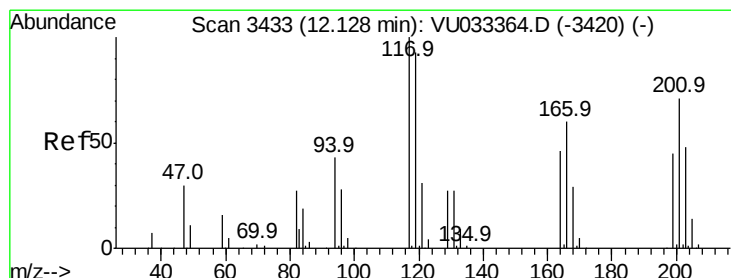
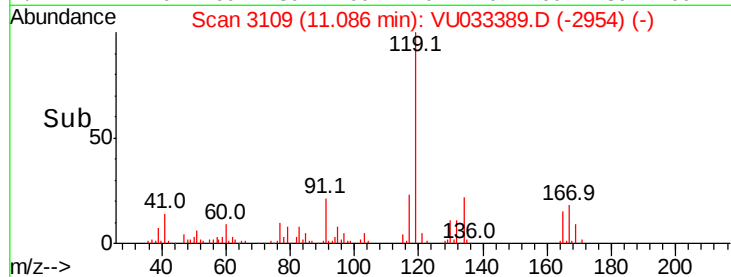
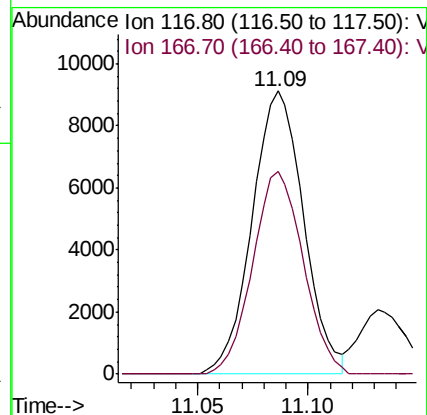
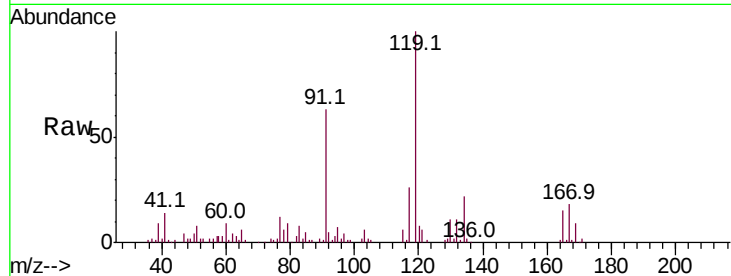
117 100

167 70.1 63.4 95.0

Manual Integrations
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#62

Hexachloroethane

Concen: 1.966 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. -0.00 min

Lab File: VU033389.D

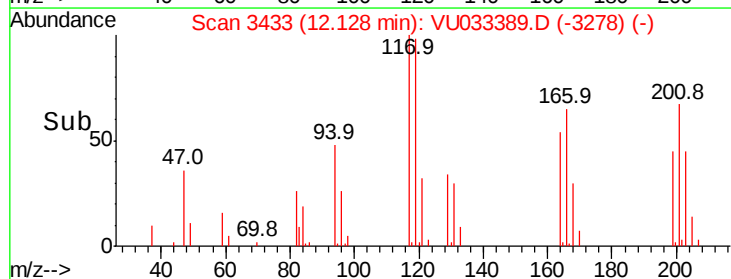
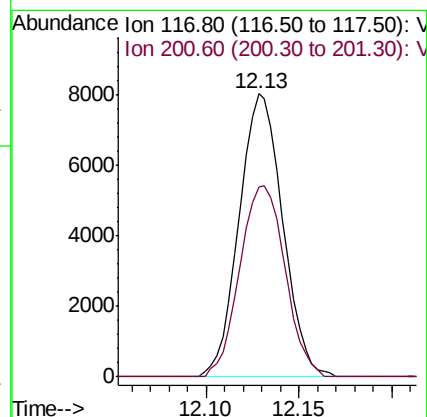
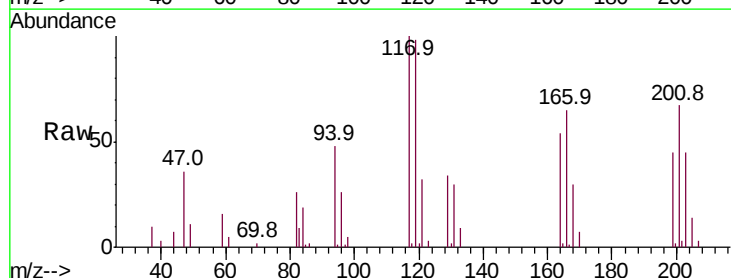
Acq: 24 Jul 2019 12:41

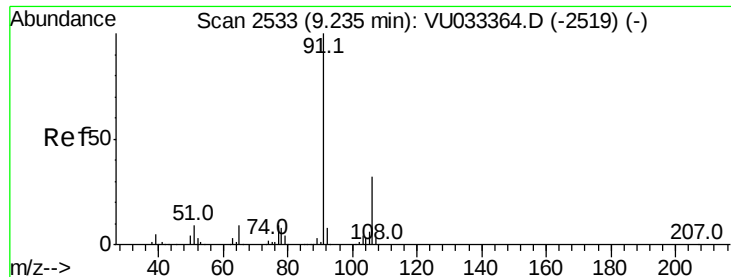
Tgt Ion:117 Resp: 13174

Ion Ratio Lower Upper

117 100

201 69.9 57.9 86.9





#63

Ethyl Benzene

Concen: 1.810 ug/l

RT: 9.23 min Scan# 2533

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion: 91 Resp: 64599

Ion Ratio Lower Upper

91 100

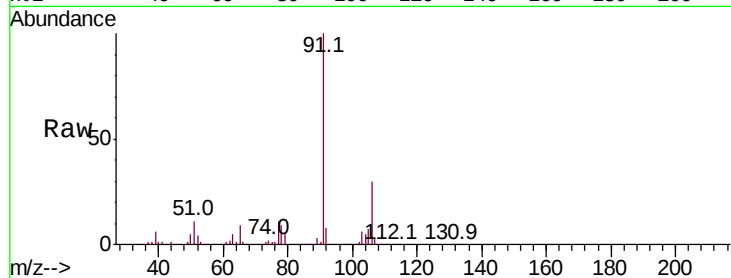
106 30.3 25.4 38.2

Manual Integrations

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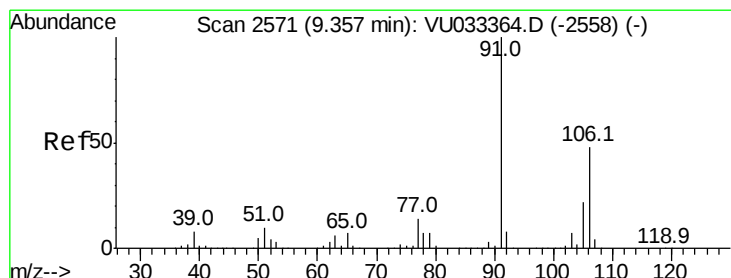
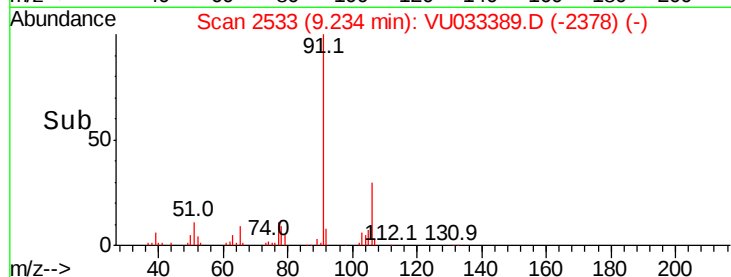
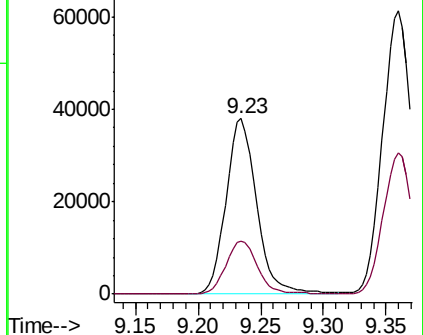
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Abundance Ion 91.00 (90.70 to 91.70): VU033364.D (-2519) (-)

Ion 106.00 (105.70 to 106.70): VU033364.D (-2519) (-)



#64

m/p-Xylenes

Concen: 3.715 ug/l

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU033389.D

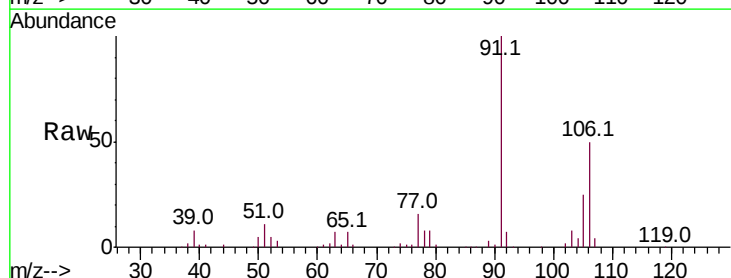
Acq: 24 Jul 2019 12:41

Tgt Ion: 106 Resp: 53004

Ion Ratio Lower Upper

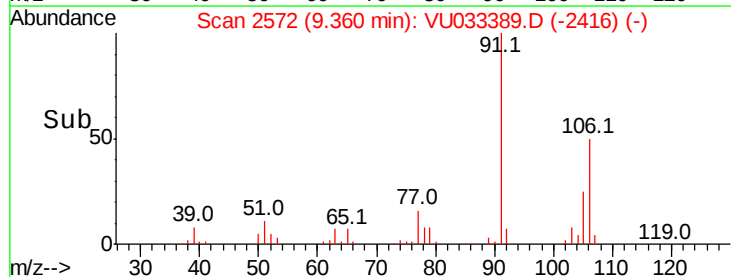
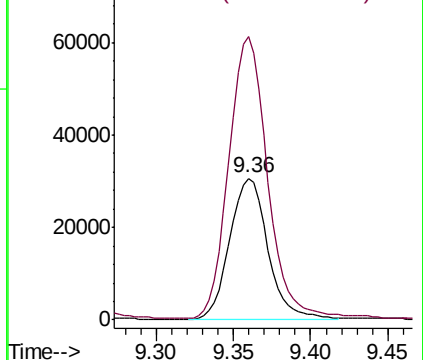
106 100

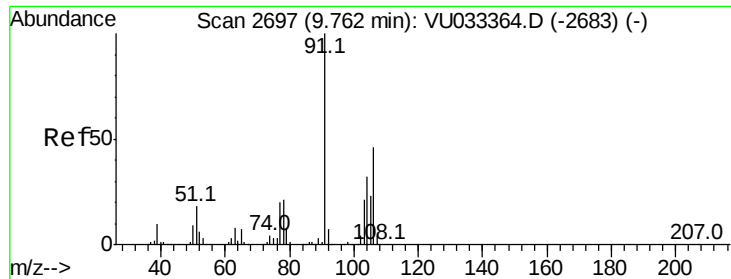
91 201.7 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): VU033364.D (-2558) (-)

Ion 91.00 (90.70 to 91.70): VU033364.D (-2558) (-)





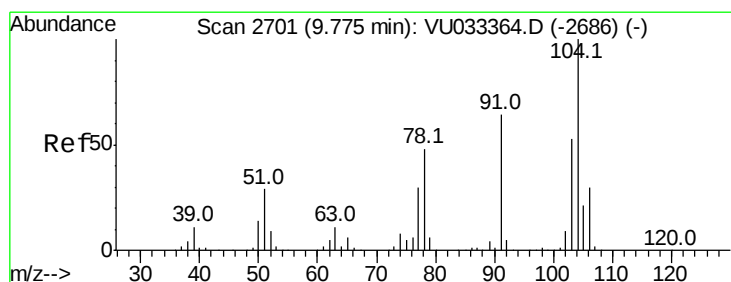
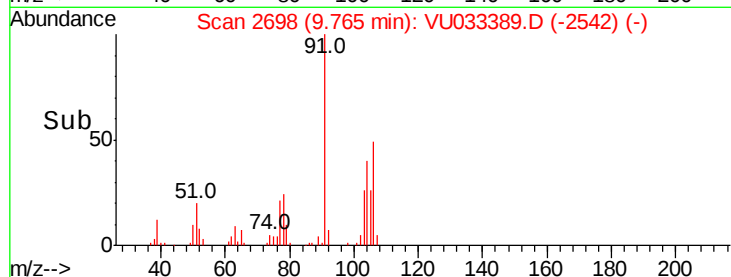
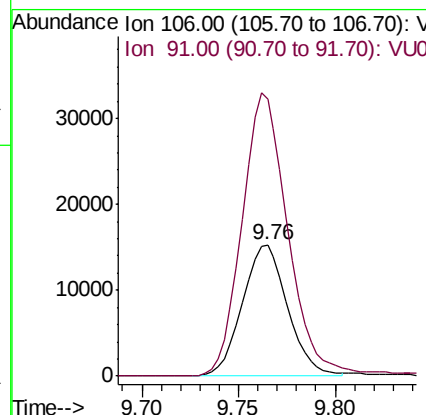
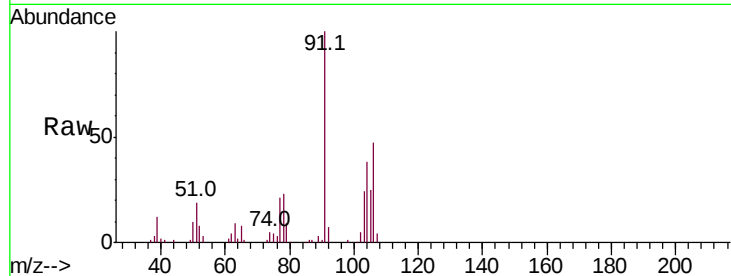
#65
o-Xylene
Concen: 1.820 ug/l
RT: 9.76 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion:106 Resp: 24881
Ion Ratio Lower Upper
106 100
91 219.9 108.5 325.3

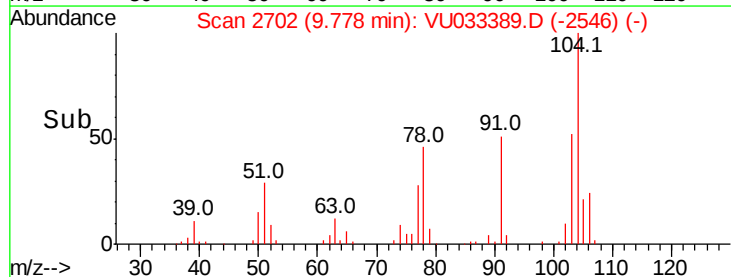
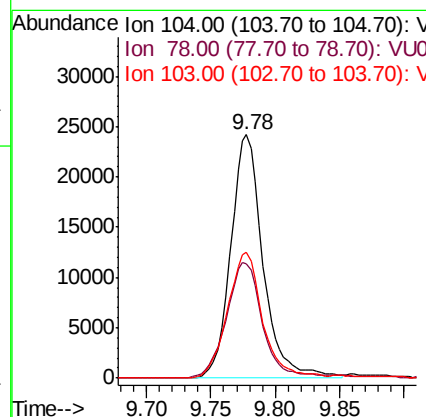
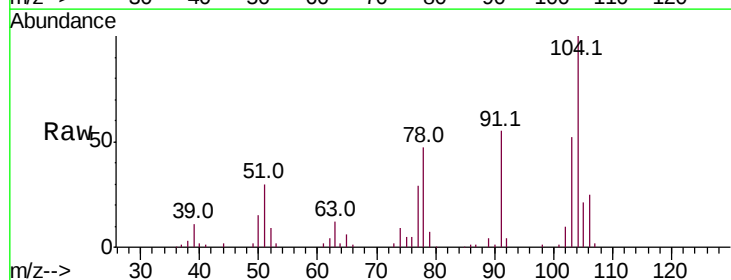
Manual Integrations
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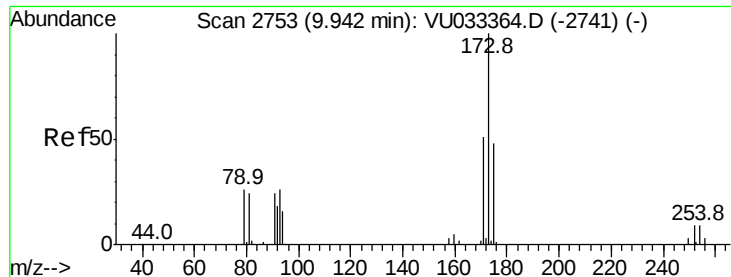
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#66
Styrene
Concen: 1.810 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion:104 Resp: 41966
Ion Ratio Lower Upper
104 100
78 53.2 41.2 61.8
103 55.3 44.7 67.1





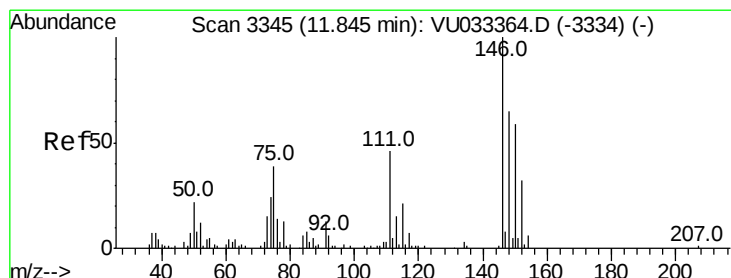
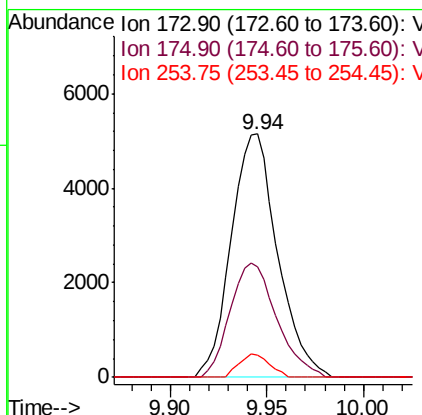
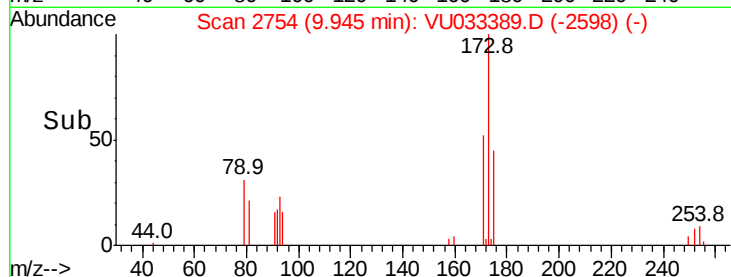
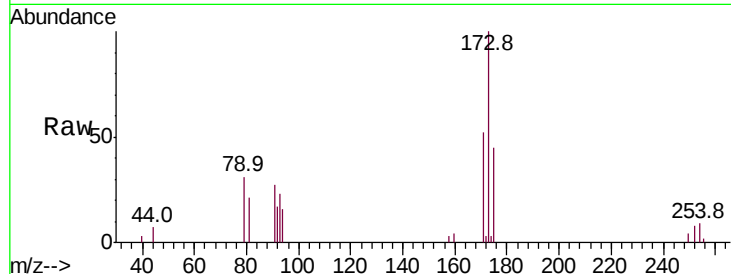
#67
Bromoform
Concen: 1.967 ug/l
RT: 9.94 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	38.6	58.0
254	6.2	6.8	10.2#

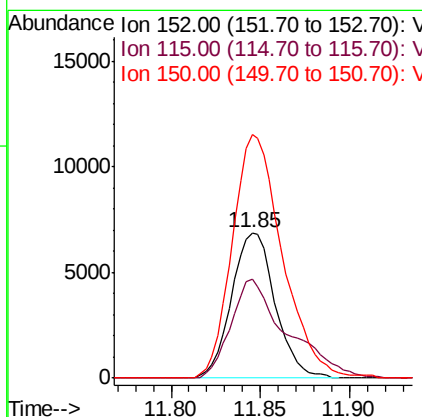
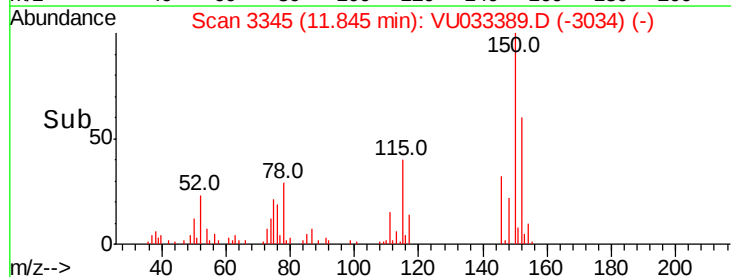
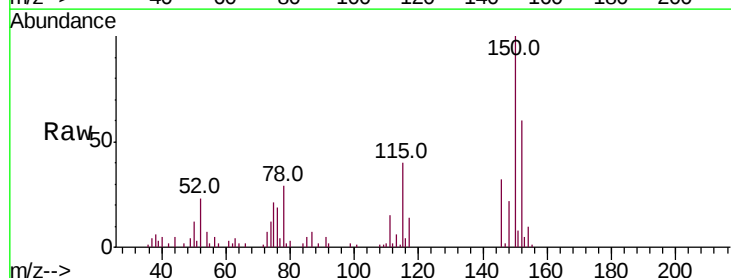
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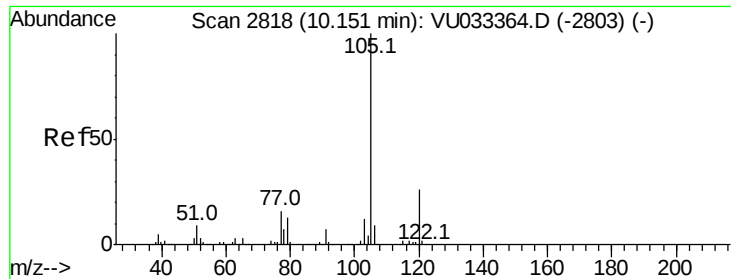
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#68
1,2-Dichlorobenzene-d4
Concen: 1.024 ug/l
RT: 11.85 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	87.6	0.0	123.2
150	191.9	0.0	648.4





#69

Isopropylbenzene

Concen: 1.854 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion:105 Resp: 64987

Ion Ratio Lower Upper

105 100

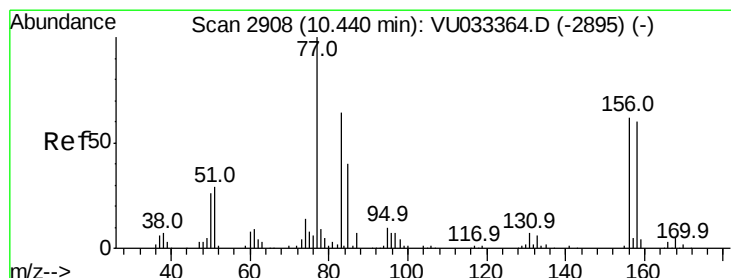
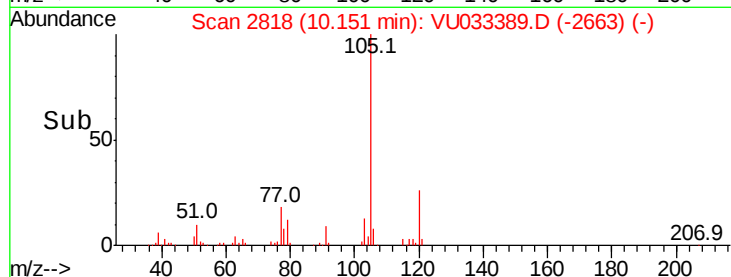
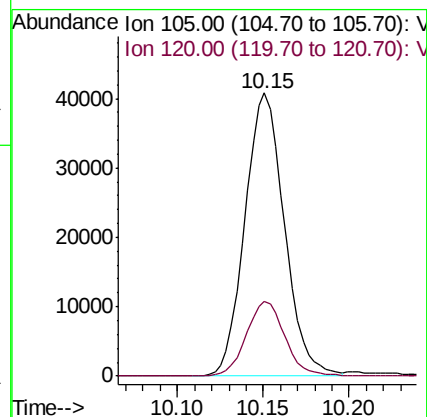
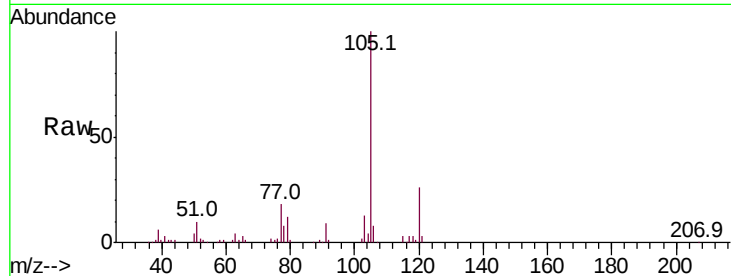
120 25.8 13.4 40.1

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.953 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

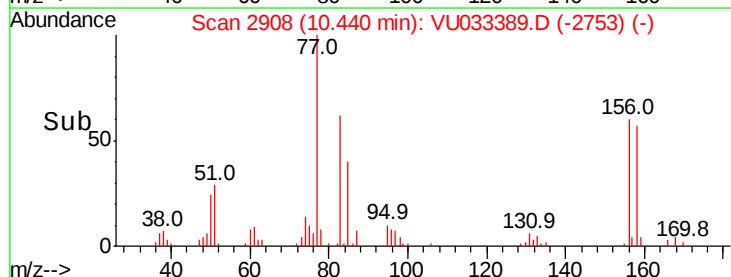
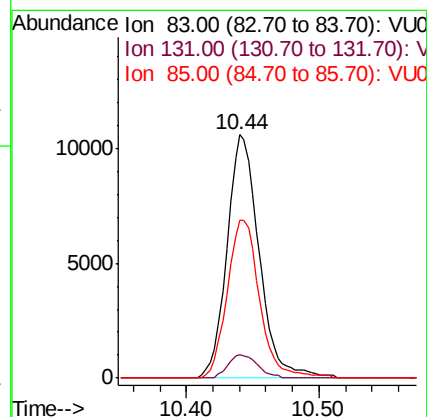
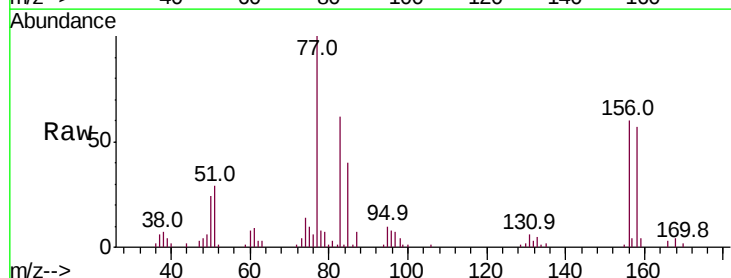
Tgt Ion: 83 Resp: 17877

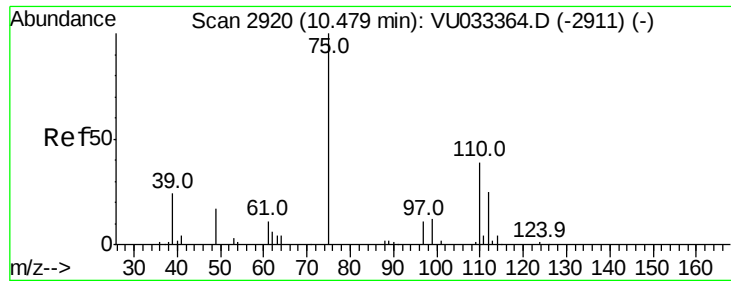
Ion Ratio Lower Upper

83 100

131 8.8 8.0 12.0

85 65.5 51.8 77.8





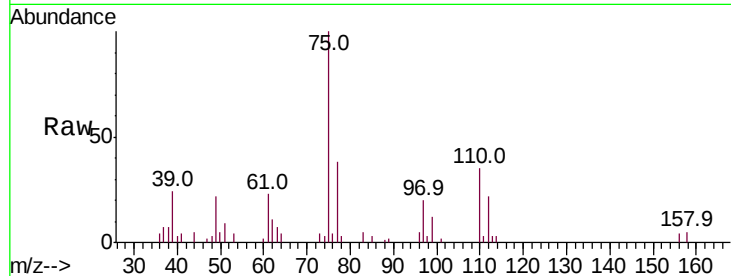
#71
1,2,3-Trichloropropane
Concen: 1.689 ug/l m
RT: 10.48 min Scan# 2921
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	59.4	0.0	18.2#
110	37.9	0.0	71.4
97	21.1	0.0	37.8

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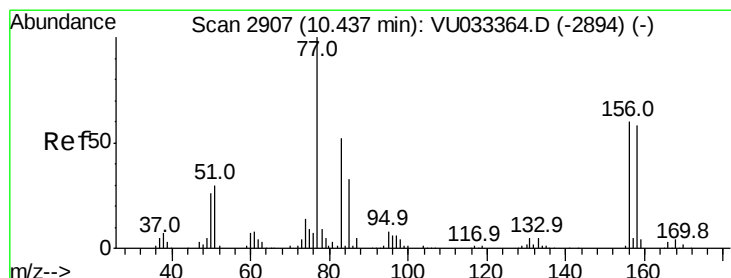
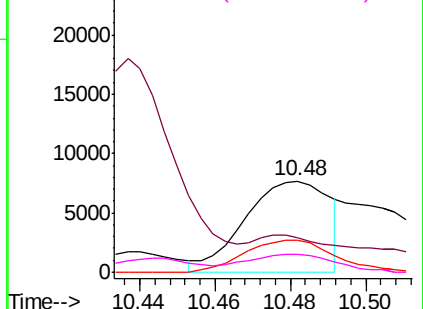
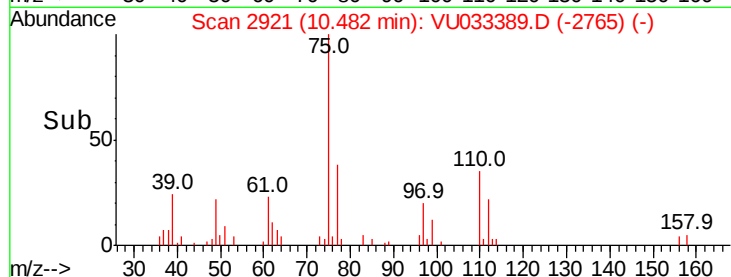
Abundance

Ion 75.00 (74.70 to 75.70): VU033389.D (-2765) (-)

Ion 77.00 (76.70 to 77.70): VU033389.D (-2765) (-)

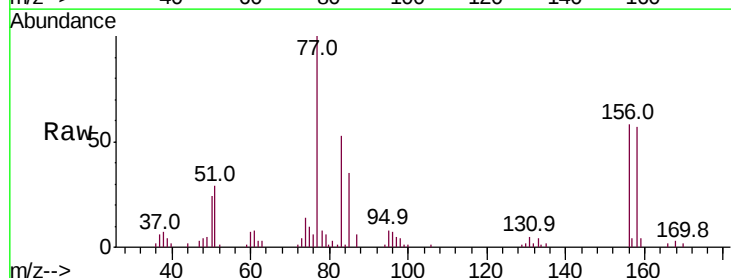
Ion 110.00 (109.70 to 110.70): VU033389.D (-2765) (-)

Ion 97.00 (96.70 to 97.70): VU033389.D (-2765) (-)



#72
Bromobenzene
Concen: 1.968 ug/l
RT: 10.44 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
156	100		
77	161.2	0.0	324.4
158	97.0	0.0	192.4

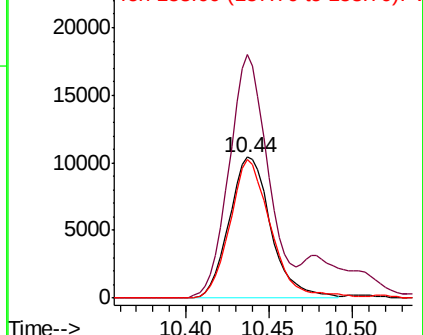
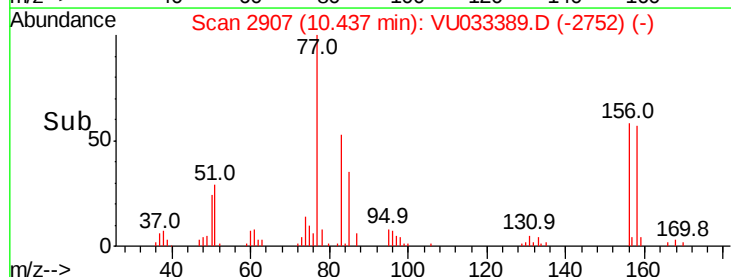


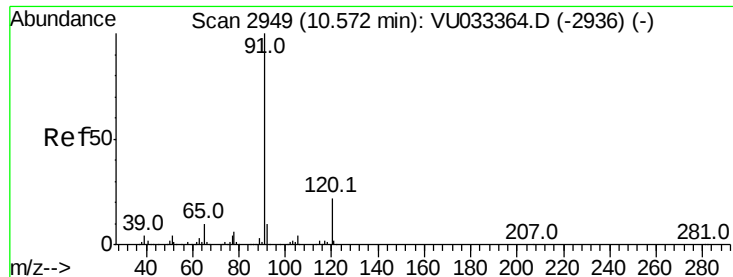
Abundance

Ion 156.00 (155.70 to 156.70): VU033389.D (-2752) (-)

Ion 77.00 (76.70 to 77.70): VU033389.D (-2752) (-)

Ion 158.00 (157.70 to 158.70): VU033389.D (-2752) (-)





#73

n-propylbenzene

Concen: 1.908 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion:120 Resp: 19069

Ion Ratio Lower Upper

120 100

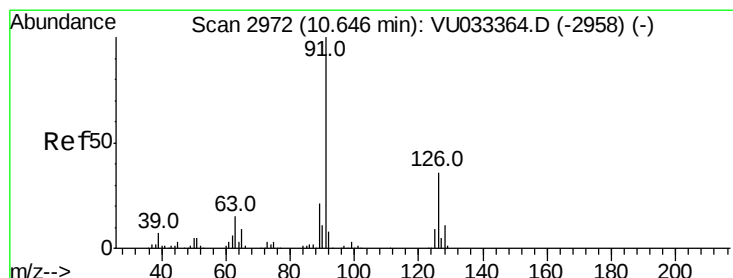
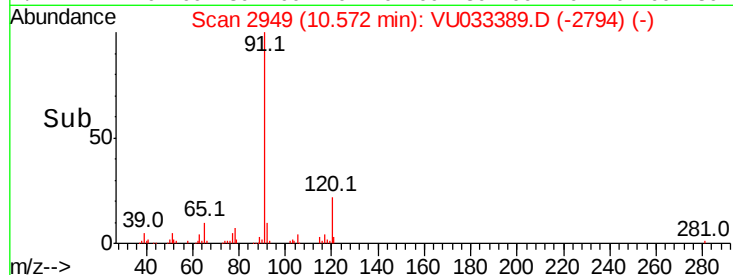
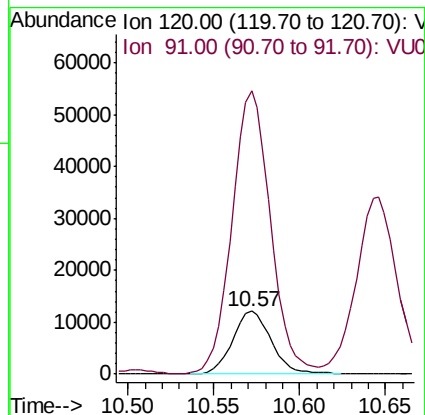
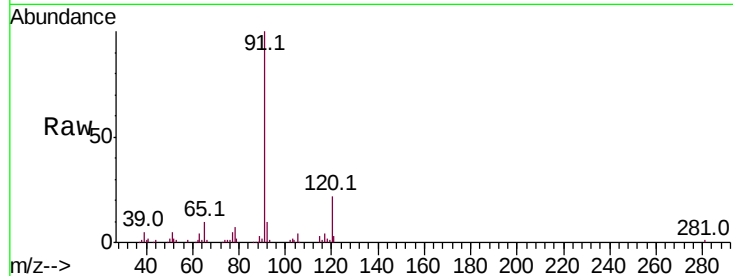
91 443.7 355.1 532.7

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#74

2-Chlorotoluene

Concen: 1.959 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. -0.00 min

Lab File: VU033389.D

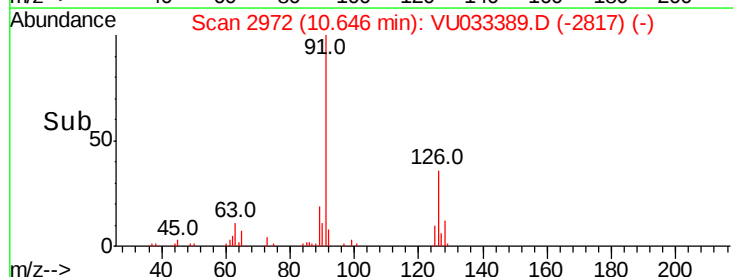
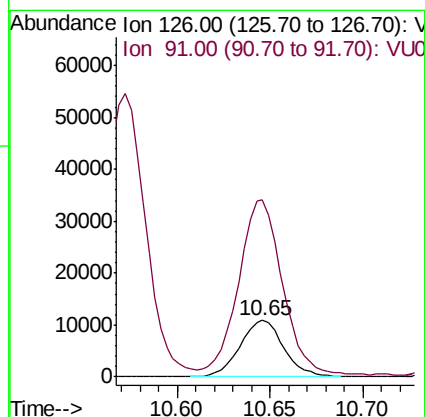
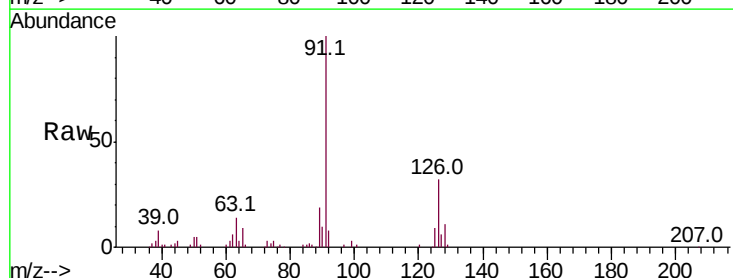
Acq: 24 Jul 2019 12:41

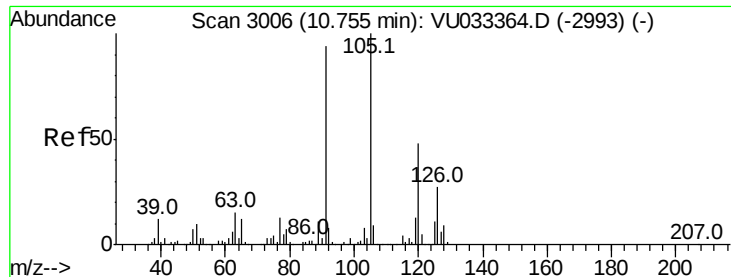
Tgt Ion:126 Resp: 17873

Ion Ratio Lower Upper

126 100

91 309.3 0.0 598.0





#75

1,3,5-Trimethylbenzene

Concen: 1.935 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion:105 Resp: 60910

Ion Ratio Lower Upper

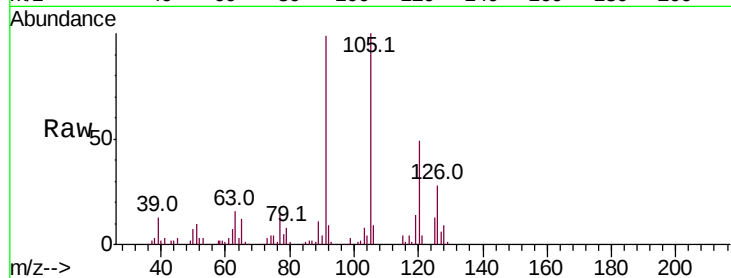
105 100

120 48.8 38.2 57.4

Manual Integrations
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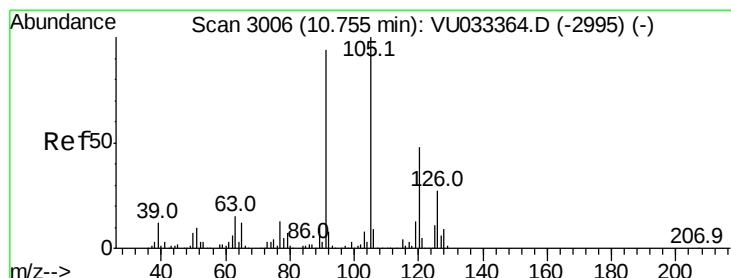
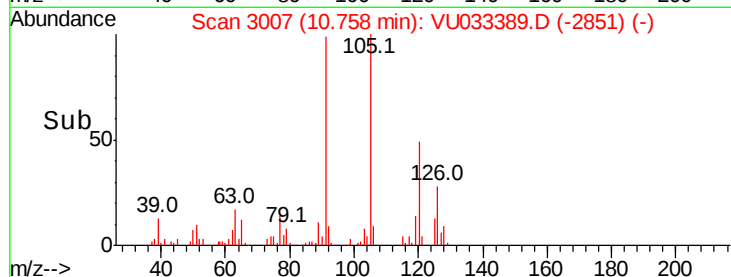
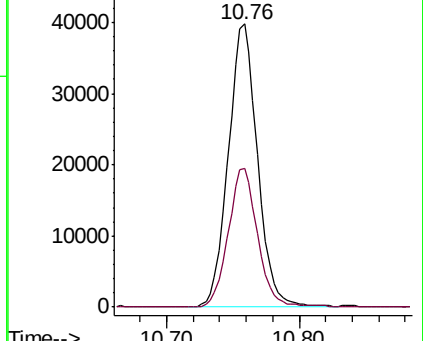
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.975 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033389.D

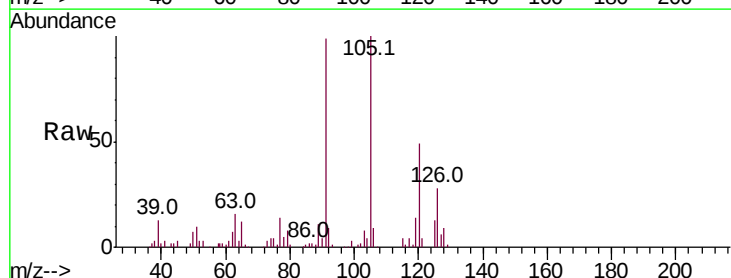
Acq: 24 Jul 2019 12:41

Tgt Ion:126 Resp: 18772

Ion Ratio Lower Upper

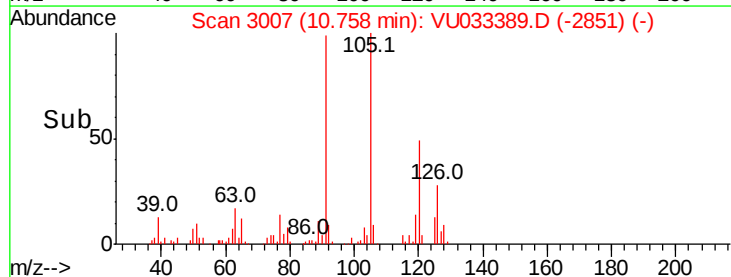
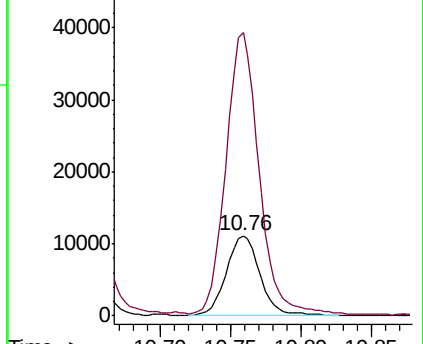
126 100

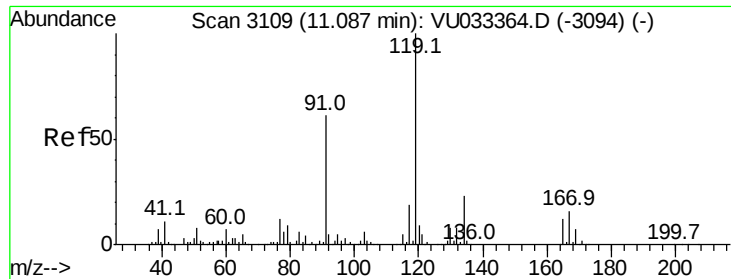
91 340.0 0.0 681.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.914 ug/l

RT: 11.08 min Scan# 3108

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

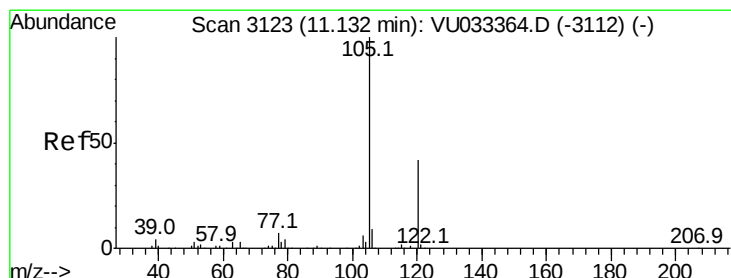
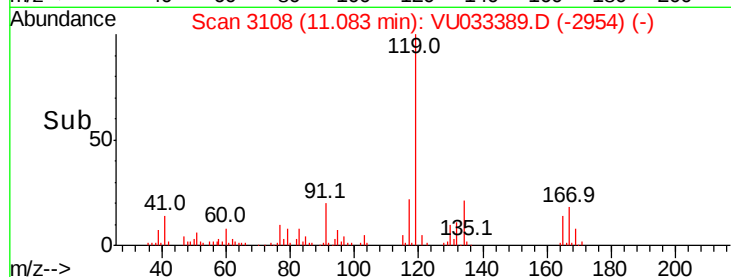
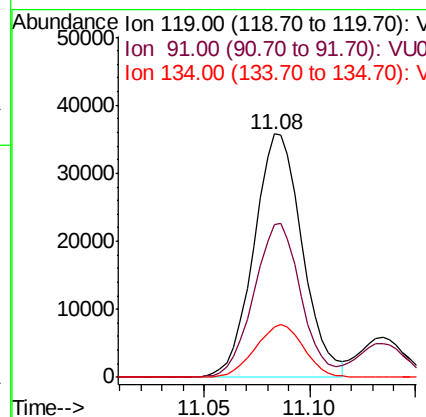
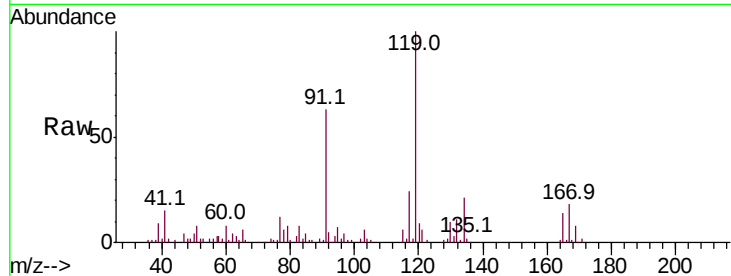
ClientSampleId :

VU0724WBS01

Tot Ion:	119	Resp:	57101
Ion Ratio	Lower	Upper	
119	100		
91	61.4	30.4	91.3
134	21.6	18.5	27.7

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#78

1,2,4-Trimethylbenzene

Concen: 1.915 ug/l

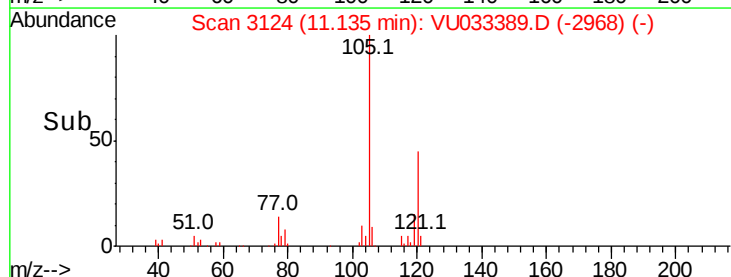
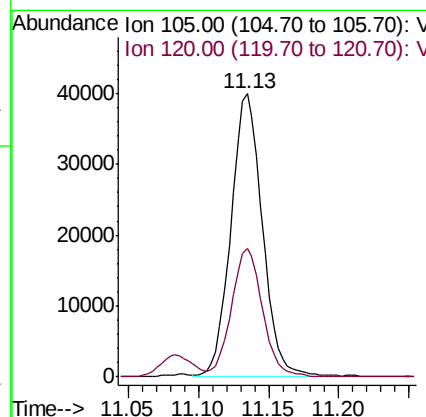
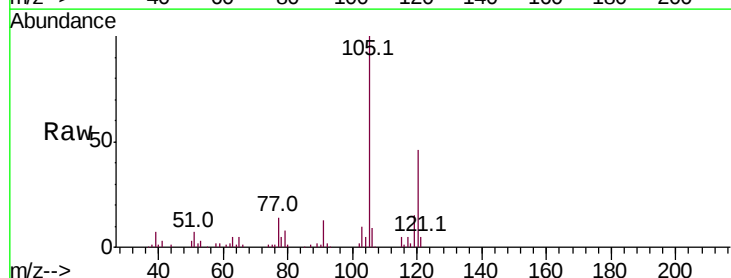
RT: 11.13 min Scan# 3124

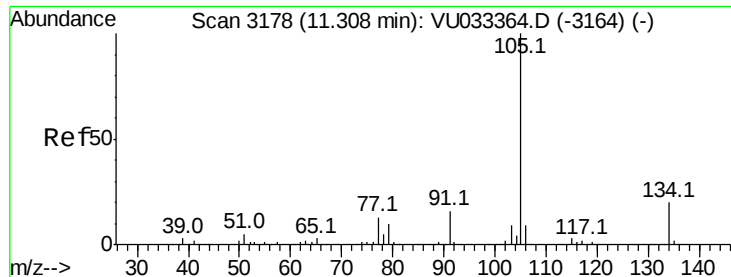
Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion:	105	Resp:	61590
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.5	67.5





#79

sec-Butylbenzene

Concen: 1.957 ug/l

RT: 11.31 min Scan# 3178

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tot Ion:105 Resp: 80327

Ion Ratio Lower Upper

105 100

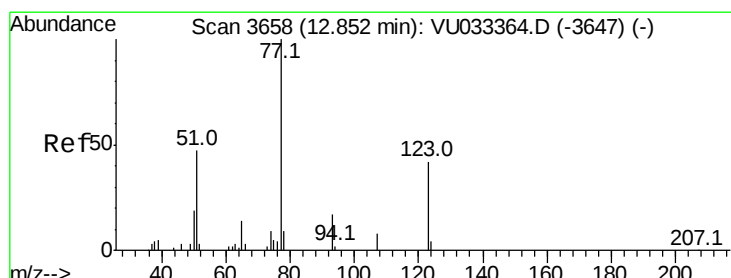
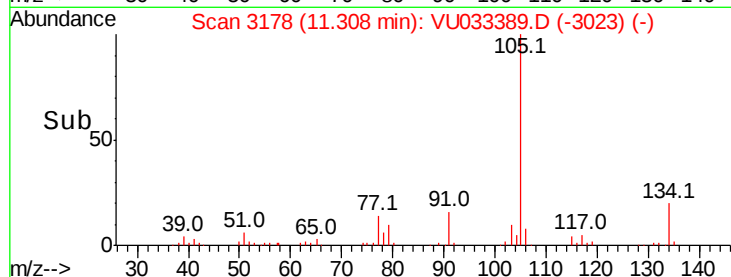
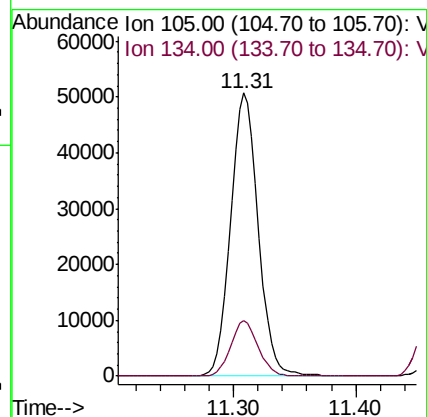
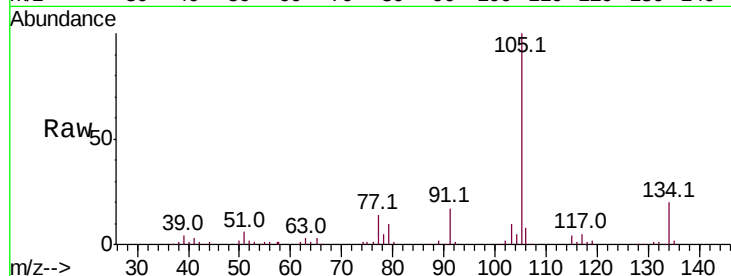
134 19.3 15.5 23.3

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#80

Nitrobenzene

Concen: 3.989 ug/l m

RT: 12.86 min Scan# 3662

Delta R.T. 0.01 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

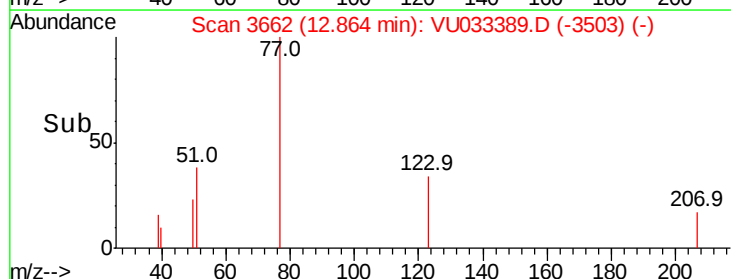
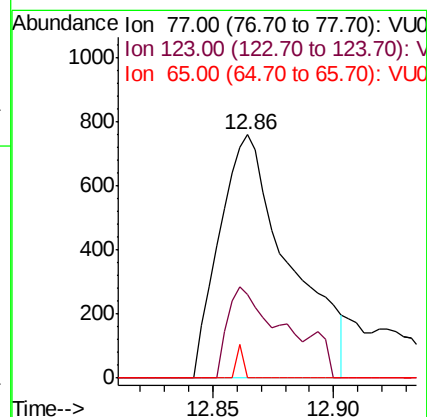
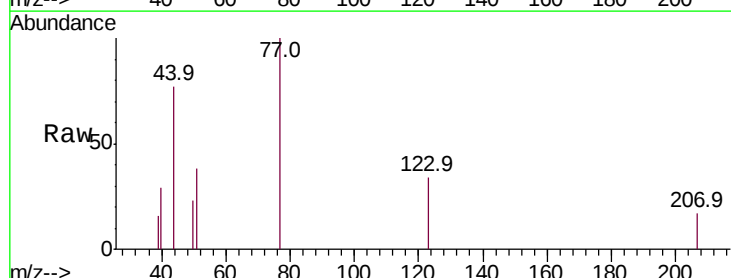
Tgt Ion: 77 Resp: 1518

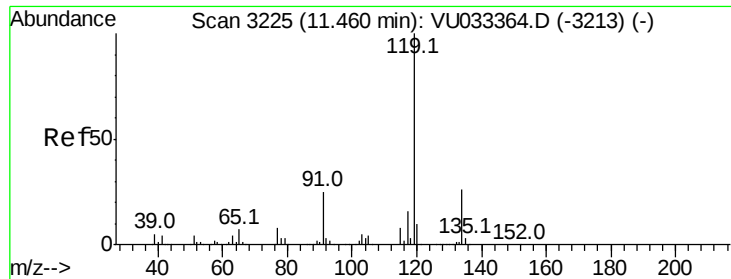
Ion Ratio Lower Upper

77 100

123 18.6 19.3 68.3#

65 1.3 10.1 12.9#





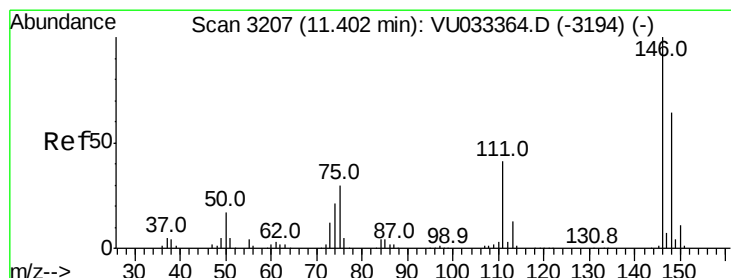
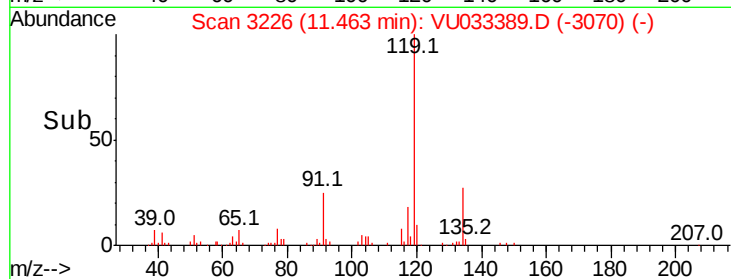
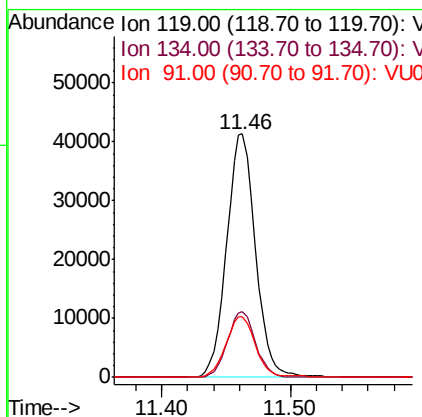
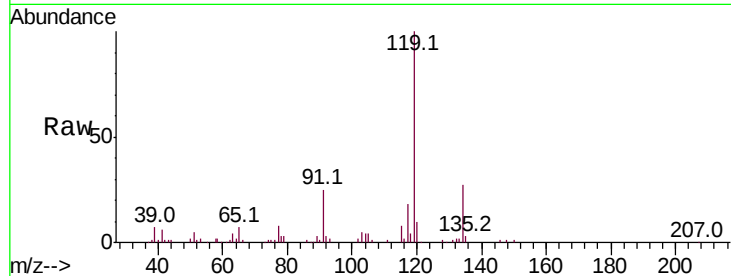
#81
p-Isopropyltoluene
Concen: 1.918 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	21.0	31.4
91	25.5	19.8	29.6

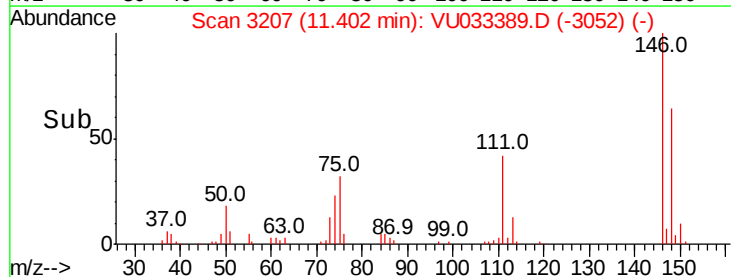
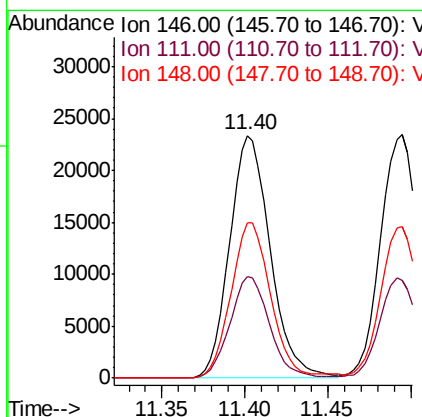
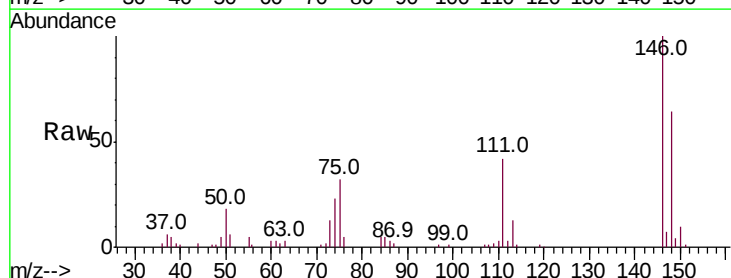
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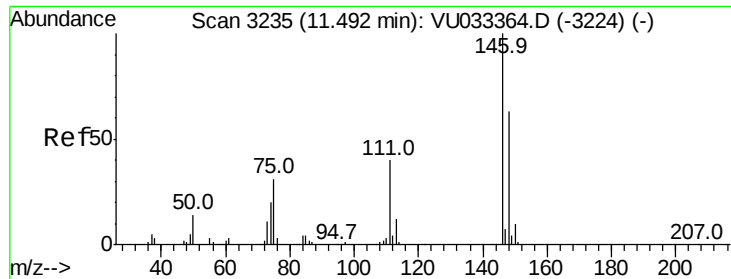
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#82
1,3-Dichlorobenzene
Concen: 2.026 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	33.3	49.9
148	63.0	50.8	76.2





#83

1,4-Dichlorobenzene

Concen: 2.018 ug/l

RT: 11.49 min Scan# 3236

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

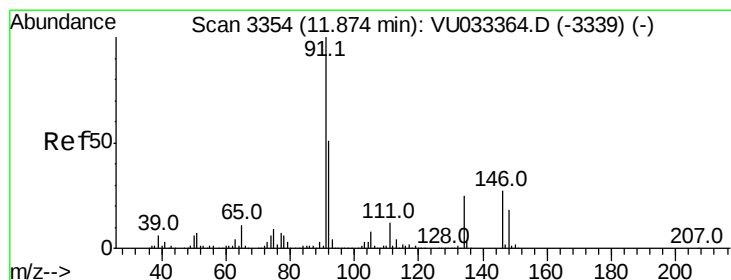
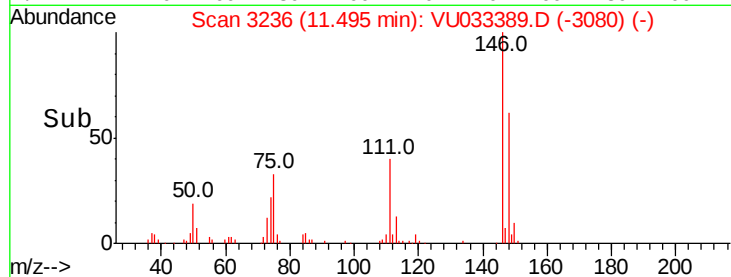
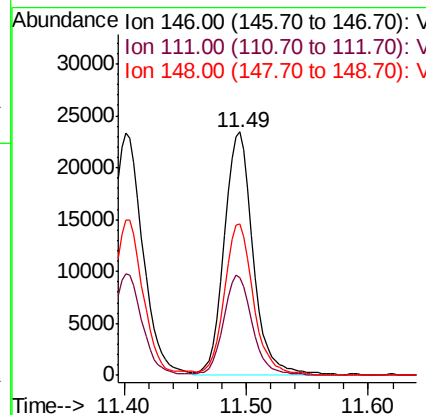
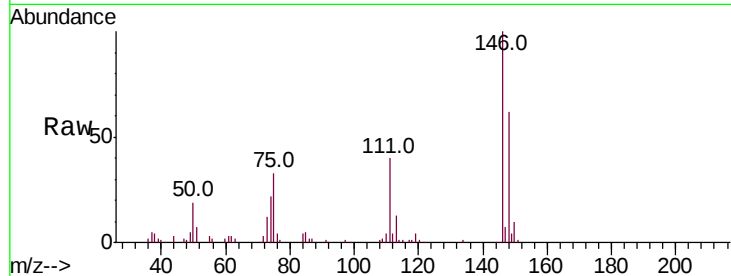
ClientSampleId :

VU0724WBS01

Tot Ion:	146	Resp:	39301
Ion	Ratio	Lower	Upper
146	100		
111	40.9	32.2	48.4
148	62.7	51.0	76.4

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#84

n-Butylbenzene

Concen: 1.923 ug/l

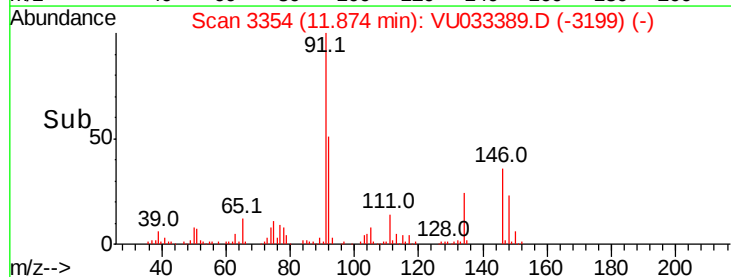
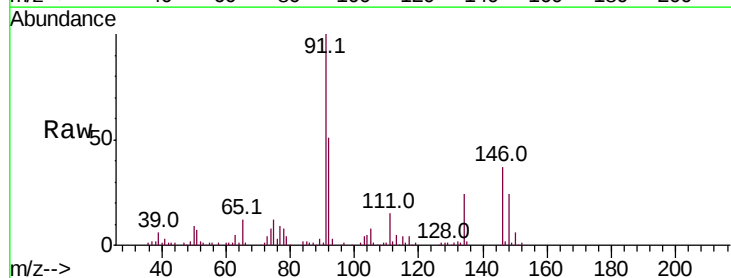
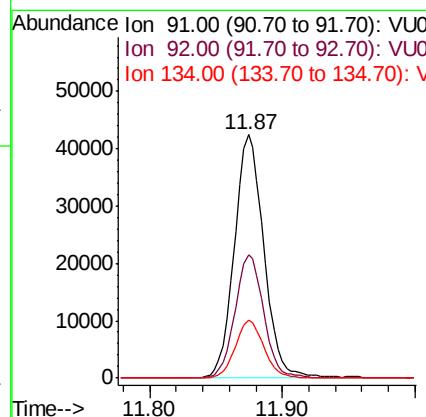
RT: 11.87 min Scan# 3354

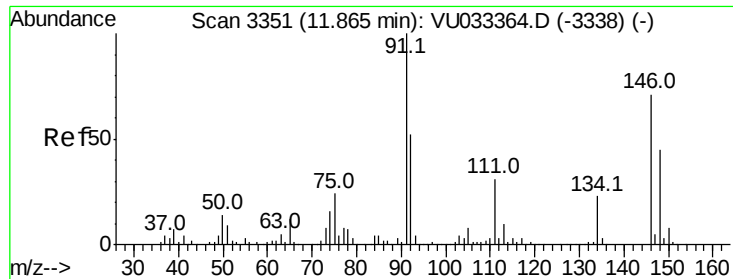
Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion:	91	Resp:	65692
Ion	Ratio	Lower	Upper
91	100		
92	49.4	41.0	61.6
134	22.9	19.5	29.3





#85

1,2-Dichlorobenzene

Concen: 2.012 ug/l

RT: 11.86 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

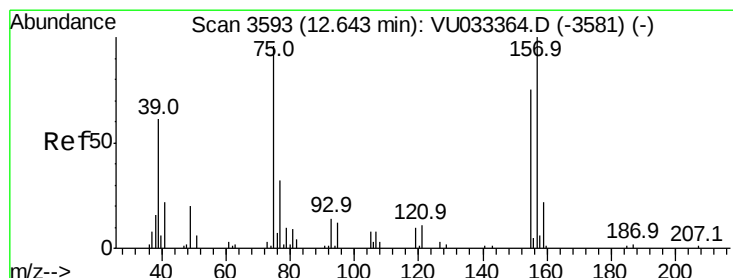
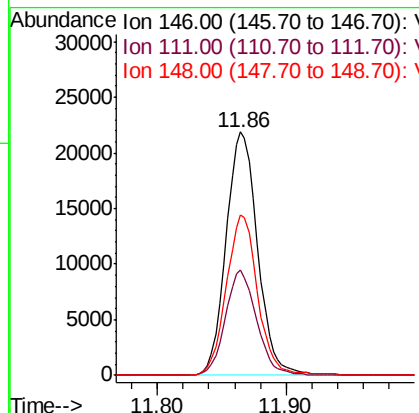
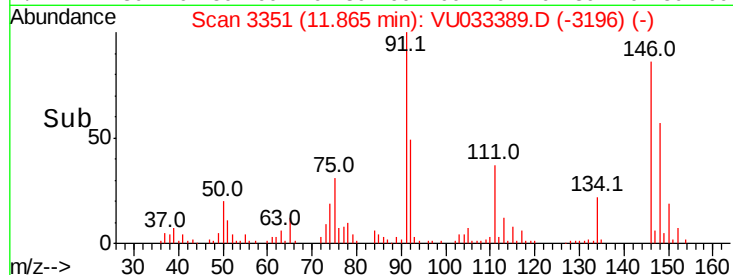
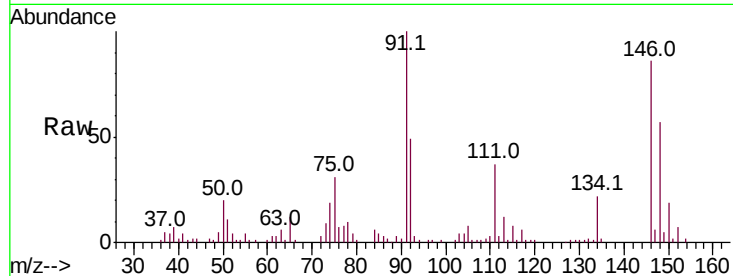
ClientSampleId :

VU0724WBS01

Tot Ion:	146	Resp:	37124
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.7	65.1
148	65.6	32.0	96.0

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#86

1,2-Dibromo-3-Chloropropane

Concen: 2.166 ug/l

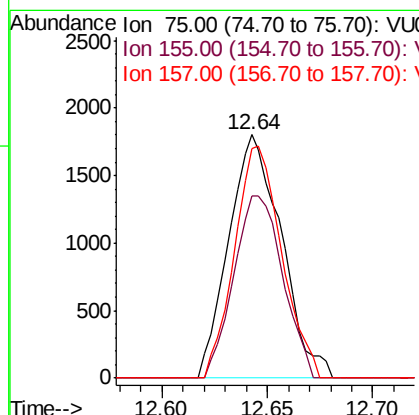
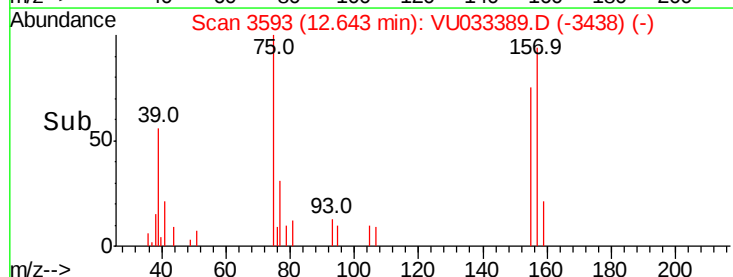
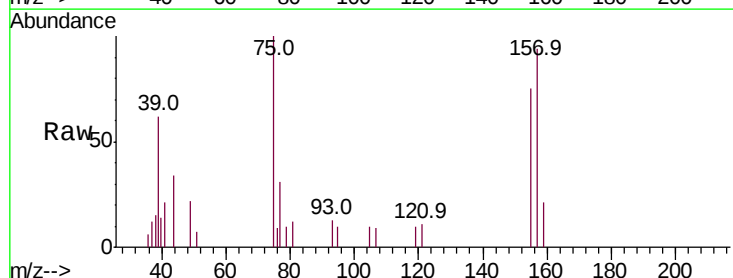
RT: 12.64 min Scan# 3593

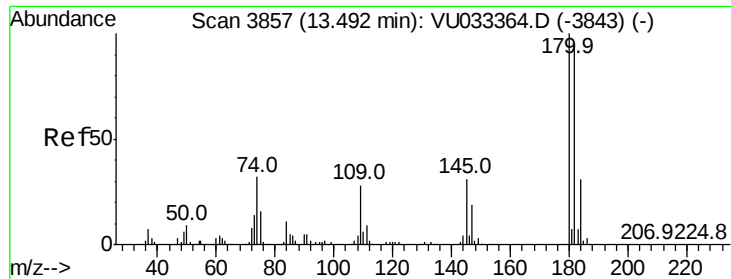
Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion:	75	Resp:	3119
Ion Ratio	Lower	Upper	
75	100		
155	69.7	63.3	94.9
157	85.2	82.5	123.7





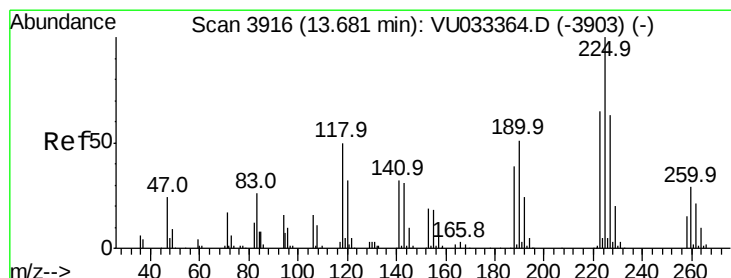
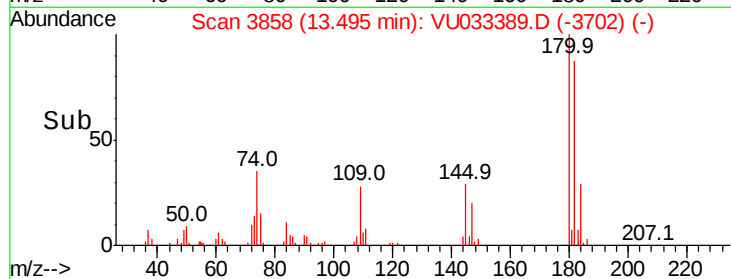
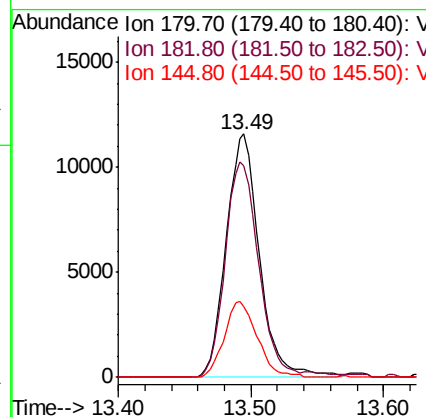
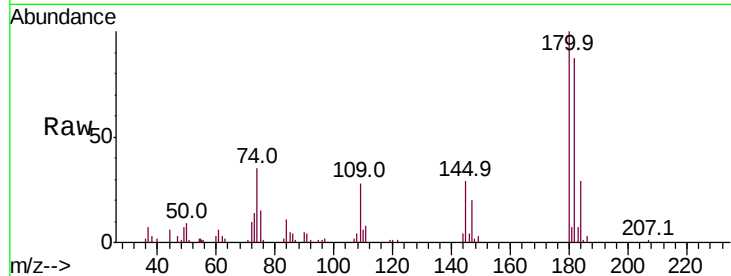
#87
 1,2,4-Trichlorobenzene
 Concen: 1.840 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.5	76.2	114.4
145	30.7	25.0	37.4

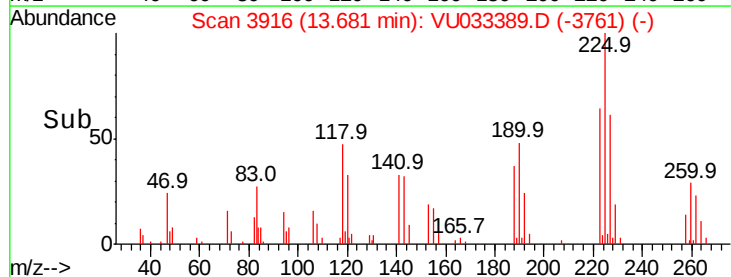
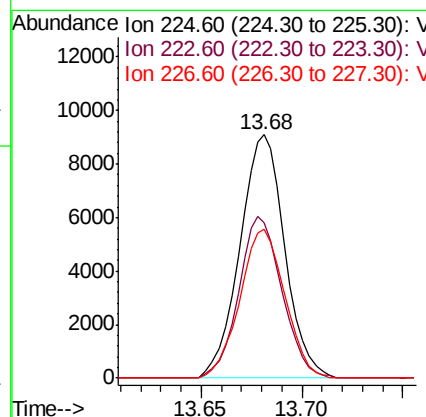
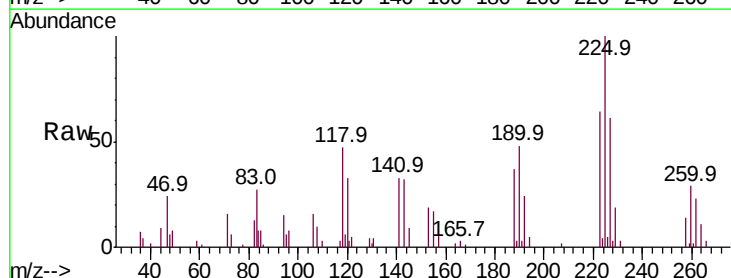
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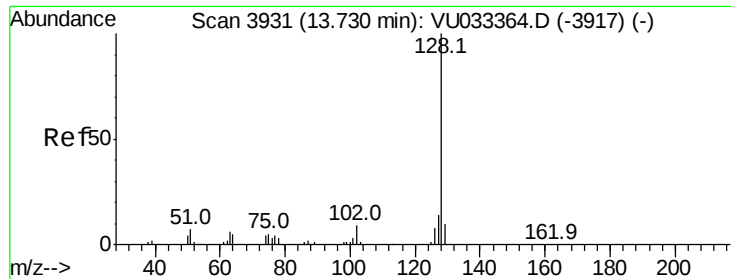
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#88
 Hexachlorobutadiene
 Concen: 2.084 ug/l
 RT: 13.68 min Scan# 3916
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.2	78.4
227	61.5	51.7	77.5





#89

Naphthalene

Concen: 1.741 ug/l

RT: 13.73 min Scan# 3932

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

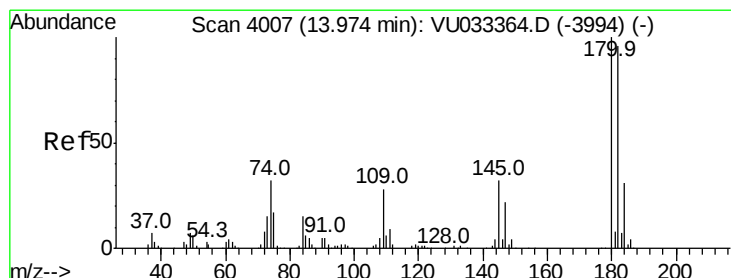
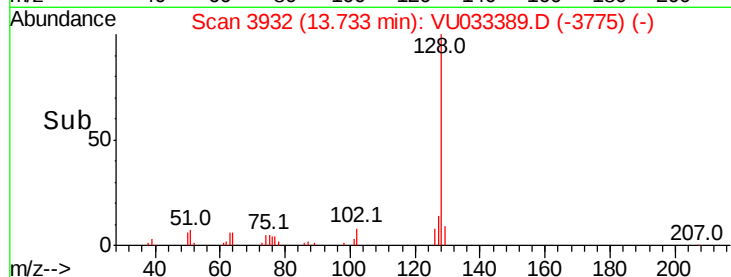
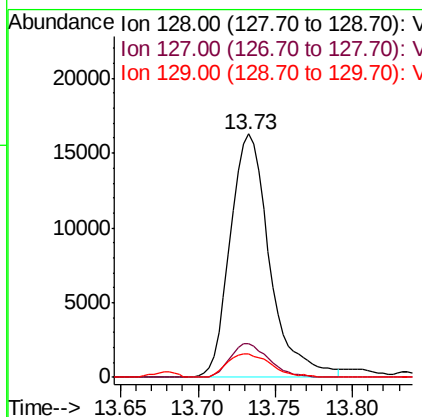
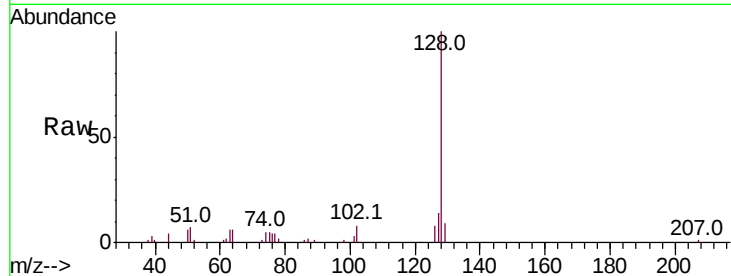
ClientSampleId :

VU0724WBS01

Tot Ion:	128	Resp:	28905
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.8	16.2
129	10.7	8.5	12.7

Manual Integrations
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#90

1,2,3-Trichlorobenzene

Concen: 1.741 ug/l

RT: 13.98 min Scan# 4008

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion:	180	Resp:	18558
Ion Ratio	Lower	Upper	
180	100		
182	97.2	77.9	116.9
145	32.2	25.8	38.8

