

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020519\
 Data File : VU029352.D
 Acq On : 05 Feb 2019 17:49
 Operator : JC/SP
 Sample : VU0205WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0205WBSD01

Manual Integrations
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 2/8/2019 2:26:51 PM

Quant Time: Feb 08 11:50:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	48617	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19732	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	20474	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	35205	1.940	ug/l	98
3) Chloromethane	1.33	50	32117	1.937	ug/l	100
4) Vinyl Chloride	1.40	62	37603	1.935	ug/l	100
5) Bromomethane	1.63	94	24722	2.287	ug/l	96
6) Chloroethane	1.70	64	22266	1.961	ug/l	97
7) Trichlorofluoromethane	1.88	101	57736	2.127	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29900	2.086	ug/l	91
9) 1,1-Dichloroethene	2.28	96	27937	1.992	ug/l	77
10) Iodomethane	2.41	142	30723	1.720	ug/l #	81
11) Allyl Chloride	2.59	41	47717	2.029	ug/l	89
12) Acrylonitrile	2.94	53	13342	4.244	ug/l	96
13) Acetone	2.32	43	25900	8.549	ug/l #	84
14) Carbon Disulfide	2.48	76	100949	2.039	ug/l	99
15) Methylene Chloride	2.70	84	33627	1.977	ug/l #	80
16) trans-1,2-Dichloroethene	2.98	96	33405	2.130	ug/l	81
17) 1,1-Dichloroethane	3.44	63	48828	1.965	ug/l	96
18) 2-Butanone	4.28	43	31622	9.339	ug/l	98
19) Cyclohexane	4.99	56	43734m	1.898	ug/l	
20) Methylcyclohexane	6.41	83	48124	1.988	ug/l #	86
21) 2,2-Dichloropropane	4.22	77	43461	1.889	ug/l	94
22) cis-1,2-Dichloroethene	4.22	96	31328	2.120	ug/l	79
23) Diethyl Ether	2.10	59	22842	2.028	ug/l	90
24) tert-Butyl Alcohol	2.84	59	23692	20.243	ug/l	96
25) Methyl tert-Butyl Ether	3.00	73	81648	2.068	ug/l #	89
26) Bromochloromethane	4.55	128	13972	2.141	ug/l	72
27) Chloroform	4.67	83	49562	2.051	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	46881	2.093	ug/l	94
29) 1,1-Dichloropropene	5.13	75	38973	2.004	ug/l	92
30) Carbon Tetrachloride	5.13	117	39847	1.965	ug/l	94
31) Isopropyl Ether	3.58	45	75031	2.001	ug/l	88
32) Ethyl-t-butyl ether	4.07	59	74831	1.991	ug/l	89
33) Tert-Amyl methyl ether	5.58	73	69300	2.039	ug/l	96
34) Propionitrile	4.33	54	8610	9.674	ug/l #	88
35) Benzene	5.39	78	109182	2.030	ug/l	100
36) 1,2-Dichloroethane	5.40	62	31756	1.952	ug/l #	89
37) Trichloroethene	6.18	130	32244	2.089	ug/l	89
38) 1,2-Dichloropropane	6.43	63	26895	1.922	ug/l	100
39) Methacrylonitrile	4.56	41	8169	1.792	ug/l #	90
40) Methyl acrylate	4.43	55	13320	1.936	ug/l #	93
41) Tetrahydrofuran	4.65	42	9494	4.135	ug/l #	90
42) 1-Chlorobutane	5.06	56	50836	1.951	ug/l	87

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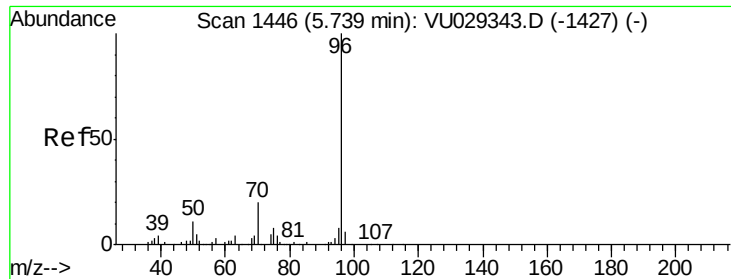
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Quant Time: Feb 08 11:50:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	15490	2.078	ug/l	94
44) Bromodichloromethane	6.76	83	38684	2.036	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	85352	9.766	ug/l #	90
46) t-1,4-Dichloro-2-butene	10.52	75	15468m	3.633	ug/l	
47) Methyl methacrylate	6.63	69	26608	4.056	ug/l #	77
48) Ethyl methacrylate	8.02	69	28908	2.054	ug/l	79
49) Toluene	7.64	92	67783	1.970	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	36612	1.966	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	43643	1.973	ug/l	89
52) 1,1,2-Trichloroethane	8.07	97	20305	2.057	ug/l	94
53) 1,3-Dichloropropane	8.24	76	34313	1.979	ug/l	98
54) 2-Hexanone	8.37	43	60038	9.800	ug/l	88
55) Dibromochloromethane	8.48	129	28487	2.031	ug/l	97
56) 1,2-Dibromoethane	8.58	107	20126	1.987	ug/l	98
58) Tetrachloroethene	8.22	164	30759	2.142	ug/l	94
59) Chlorobenzene	9.12	112	79560	2.052	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	30365	2.120	ug/l	97
61) Pentachloroethane	11.10	117	22663	2.041	ug/l	85
62) Hexachloroethane	12.14	117	24134	1.992	ug/l	97
63) Ethyl Benzene	9.25	91	136293	2.024	ug/l	94
64) m/p-Xylenes	9.37	106	106184	4.058	ug/l	89
65) o-Xylene	9.78	106	52929	2.061	ug/l	87
66) Styrene	9.79	104	86250	2.015	ug/l	93
67) Bromoform	9.96	173	18042	2.067	ug/l	100
69) Isopropylbenzene	10.16	105	140977	2.055	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.46	83	25882	2.046	ug/l	95
71) 1,2,3-Trichloropropane	10.49	75	18510m	2.131	ug/l	
72) Bromobenzene	10.45	156	35265	2.120	ug/l	84
73) n-propylbenzene	10.58	120	39542	2.069	ug/l	80
74) 2-Chlorotoluene	10.66	126	34425	2.115	ug/l	80
75) 1,3,5-Trimethylbenzene	10.77	105	120332	2.034	ug/l	96
76) 4-Chlorotoluene	10.77	126	33678	1.994	ug/l	80
77) tert-Butylbenzene	11.10	119	117984	2.018	ug/l	92
78) 1,2,4-Trimethylbenzene	11.15	105	119126	1.989	ug/l	94
79) sec-Butylbenzene	11.32	105	153095	2.001	ug/l	95
80) Nitrobenzene	12.87	77	3803	6.747	ug/l #	93
81) p-Isopropyltoluene	11.47	119	131001	2.020	ug/l	94
82) 1,3-Dichlorobenzene	11.41	146	67003	2.053	ug/l	96
83) 1,4-Dichlorobenzene	11.51	146	65132	2.004	ug/l	96
84) n-Butylbenzene	11.89	91	116276	1.954	ug/l	95
85) 1,2-Dichlorobenzene	11.88	146	64338	2.085	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4507	1.909	ug/l #	63
87) 1,2,4-Trichlorobenzene	13.50	180	44457	2.051	ug/l	98
88) Hexachlorobutadiene	13.69	225	25614	2.041	ug/l	93
89) Naphthalene	13.74	128	77178	2.100	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	42275	2.135	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

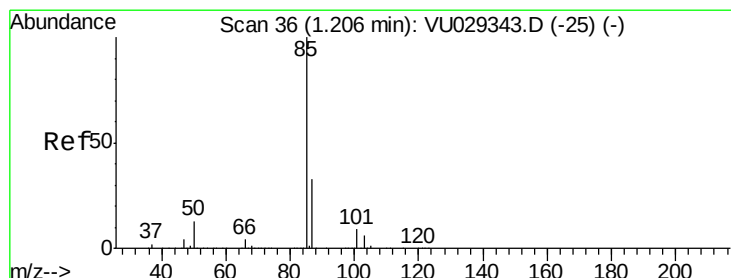
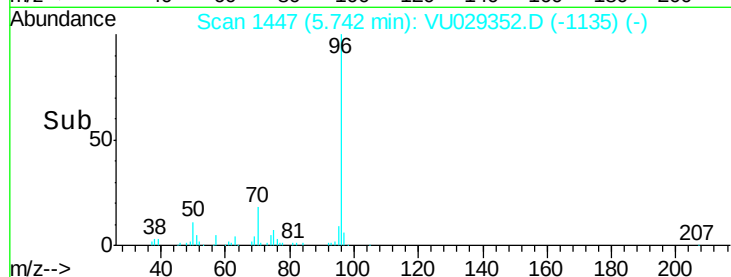
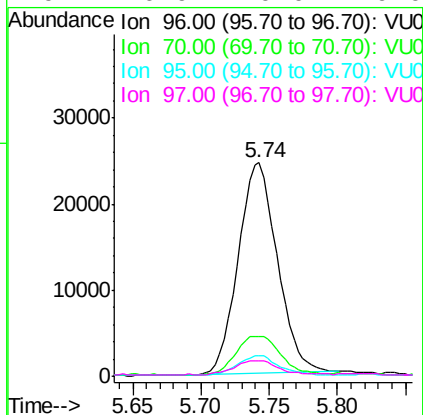
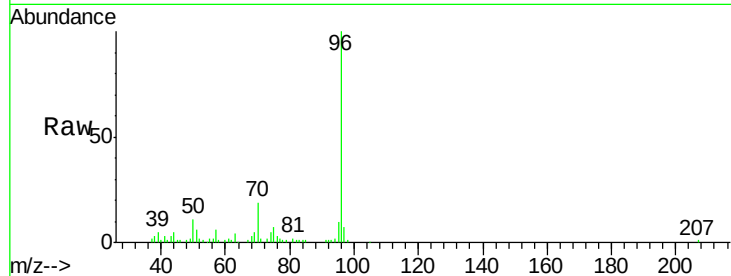
ClientSampleId :

VU0205WBSD01

Tot Ion:	96	Resp:	48617
Ion	Ratio	Lower	Upper
96	100		
70	20.3	16.2	24.2
95	9.1	7.4	11.2
97	6.9	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.940 ug/l

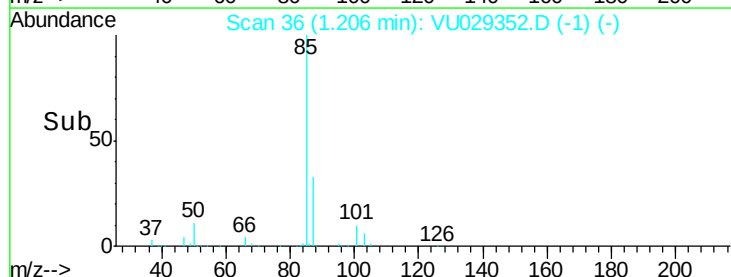
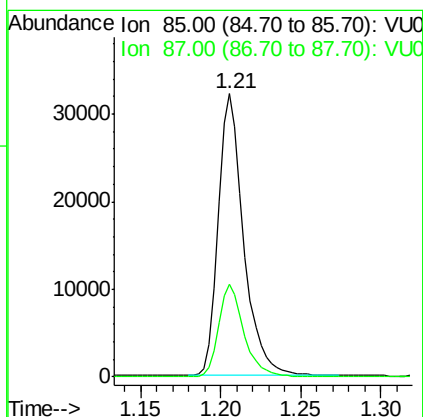
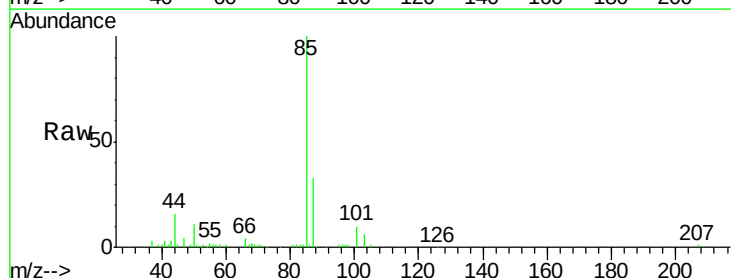
RT: 1.21 min Scan# 36

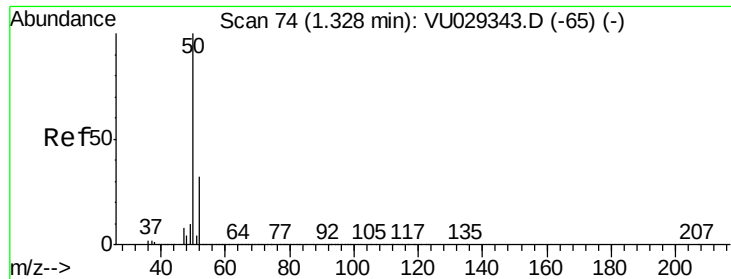
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion:	85	Resp:	35205
Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.9	47.6





#3

Chloromethane

Concen: 1.937 ug/l

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tot Ion	50	Resp	32117
Ion Ratio	100	Lower	Upper
50	100		
52	33.9	27.3	40.9

Instrument :

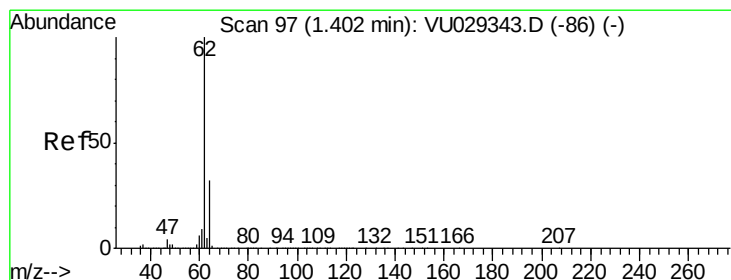
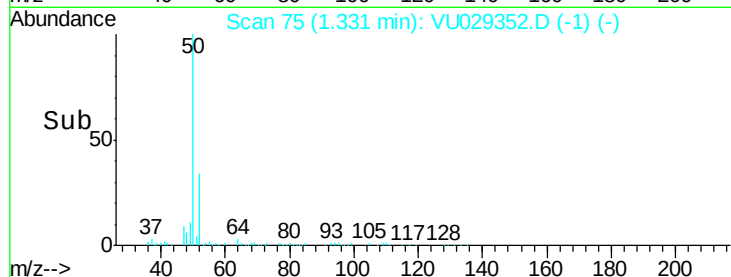
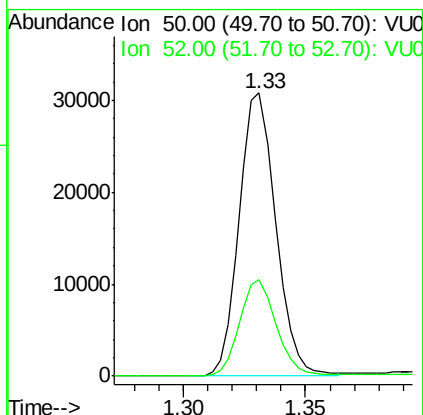
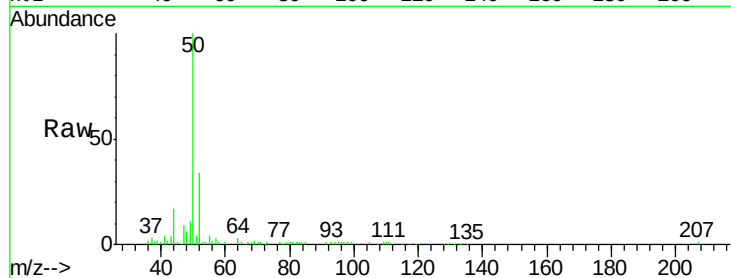
MSVOA_U

ClientSampleId :

VU0205WBSD01

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#4

Vinyl Chloride

Concen: 1.935 ug/l

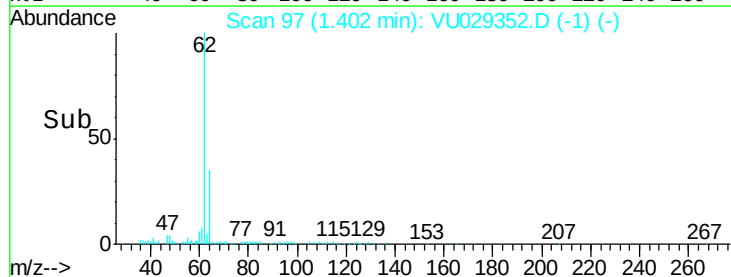
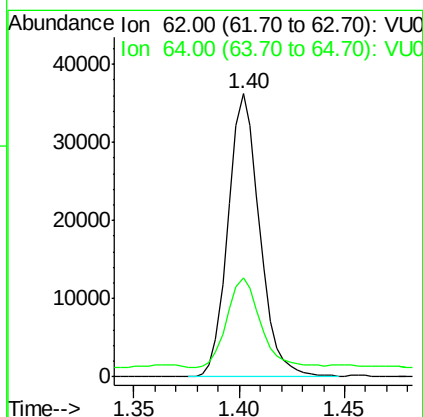
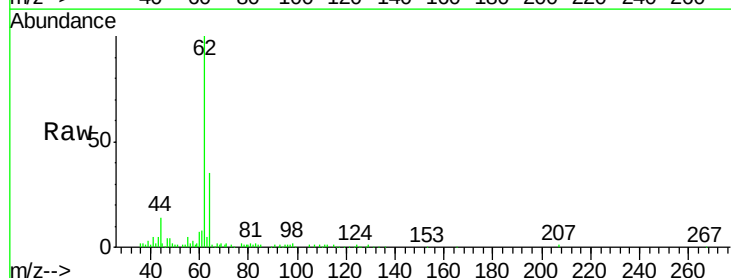
RT: 1.40 min Scan# 97

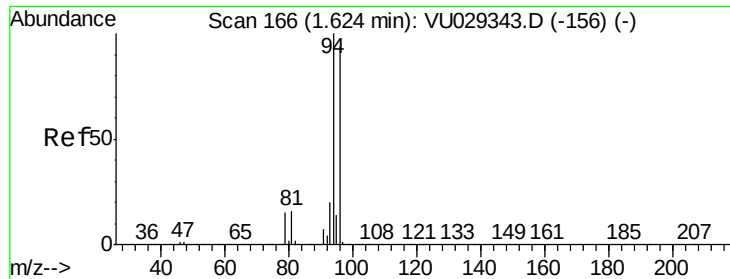
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion	62	Resp	37603
Ion Ratio	100	Lower	Upper
62	100		
64	31.7	25.2	37.8





#5

Bromomethane

Concen: 2.287 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion: 94 Resp: 24722

Ion Ratio Lower Upper

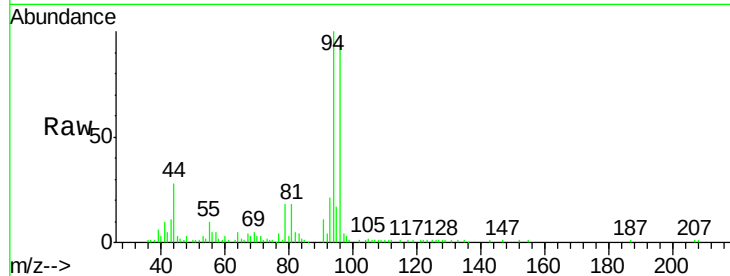
94 100

96 93.2 71.7 107.5

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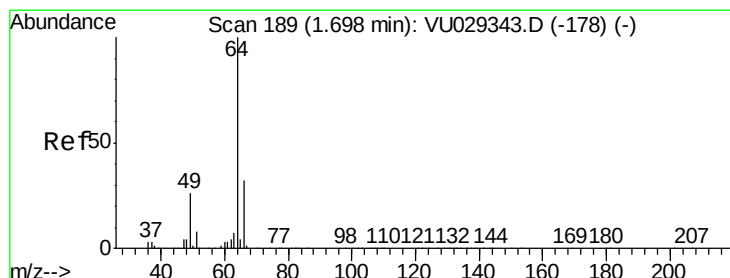
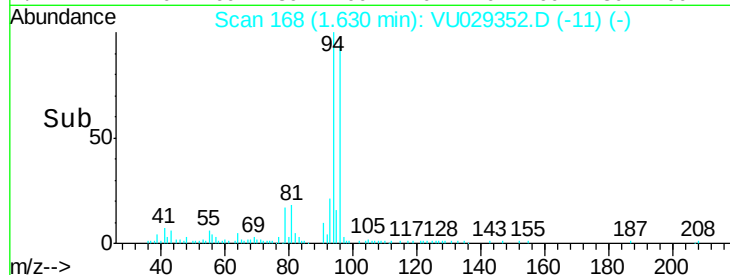
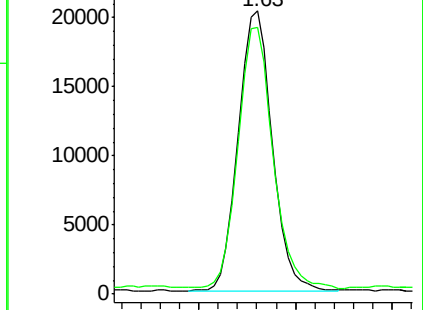
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.961 ug/l

RT: 1.70 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU029352.D

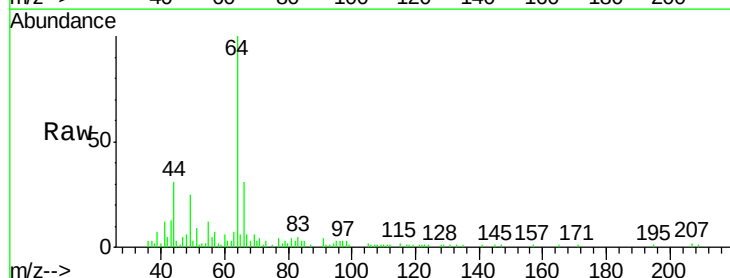
Acq: 05 Feb 2019 17:49

Tgt Ion: 64 Resp: 22266

Ion Ratio Lower Upper

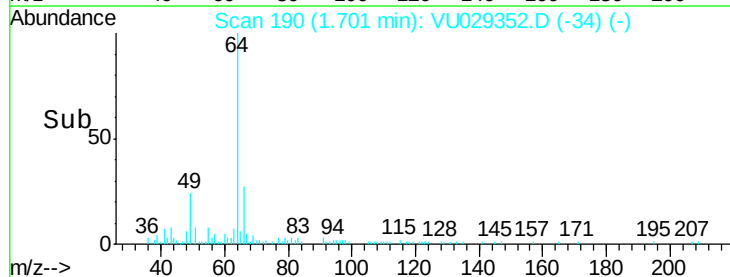
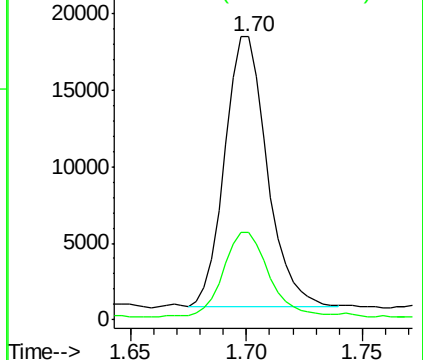
64 100

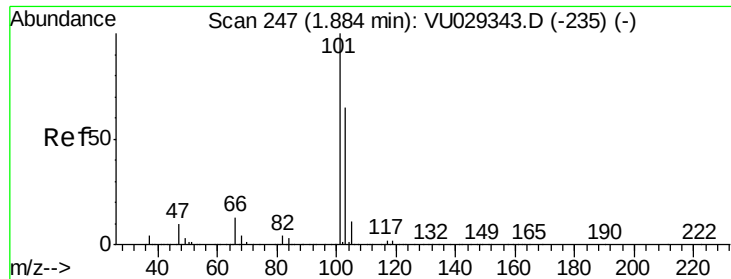
66 30.9 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

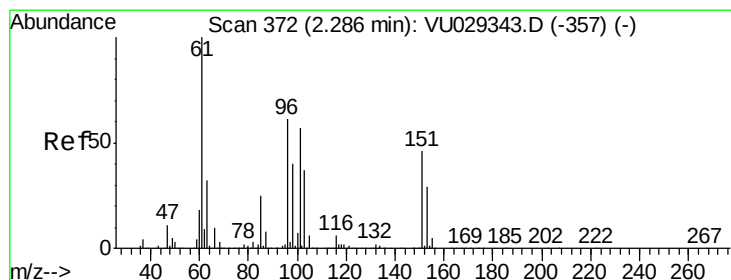
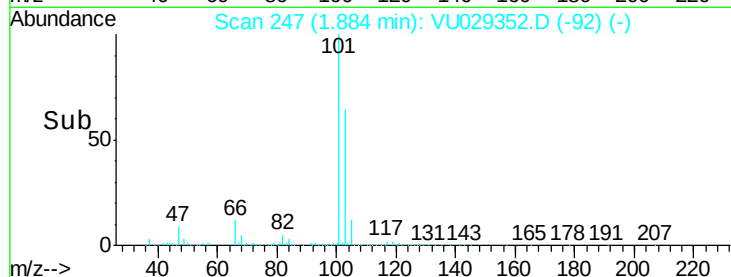
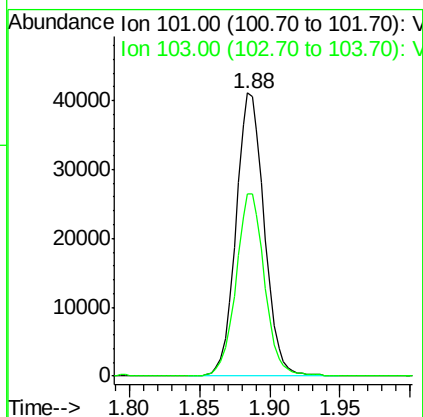
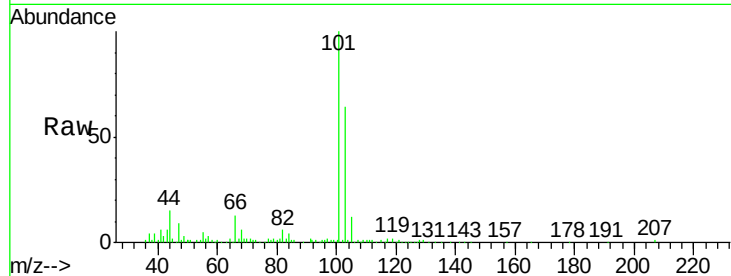
Trichlorofluoromethane
Concen: 2.127 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU029352.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	53.9	80.9

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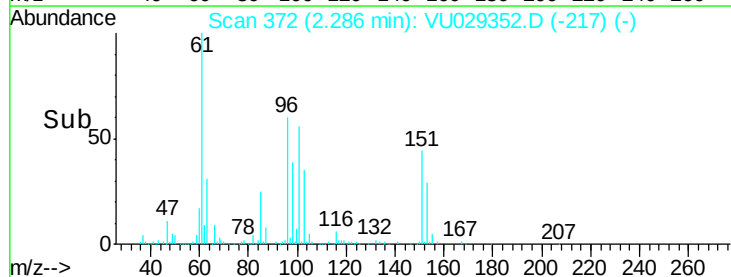
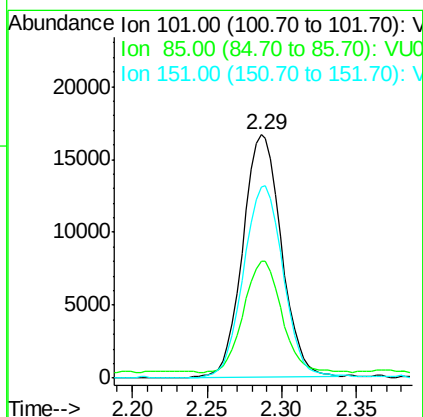
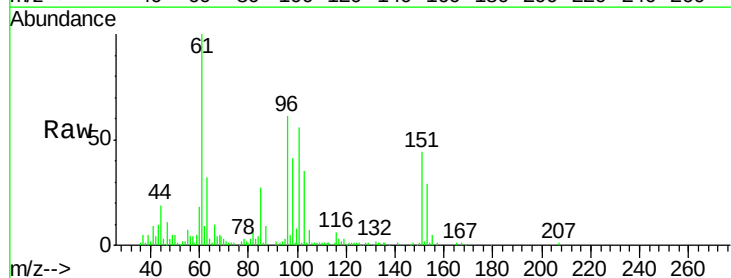
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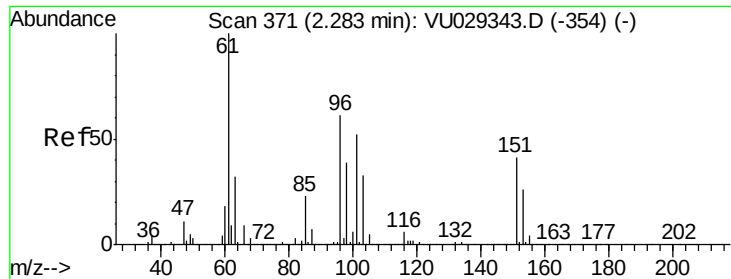


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.086 ug/l
RT: 2.29 min Scan# 372
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.9	40.3	60.5
151	81.3	58.1	87.1





#9

1,1-Dichloroethene

Concen: 1.992 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

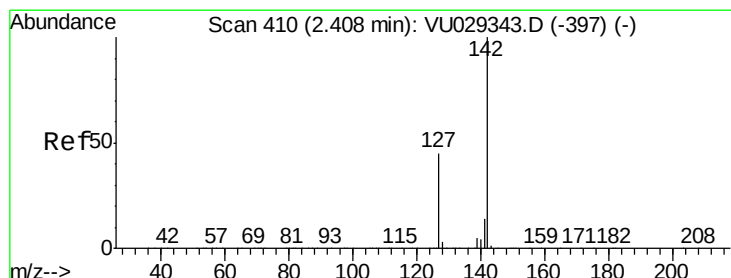
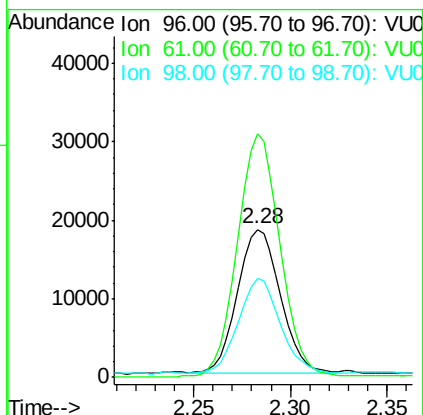
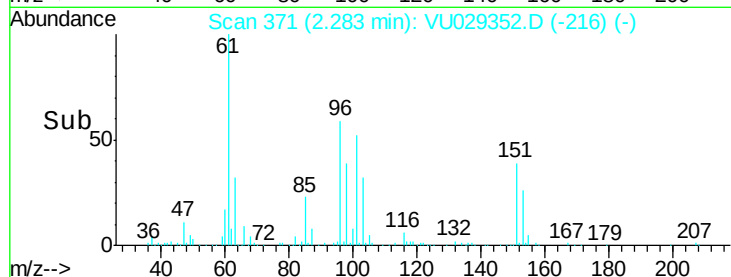
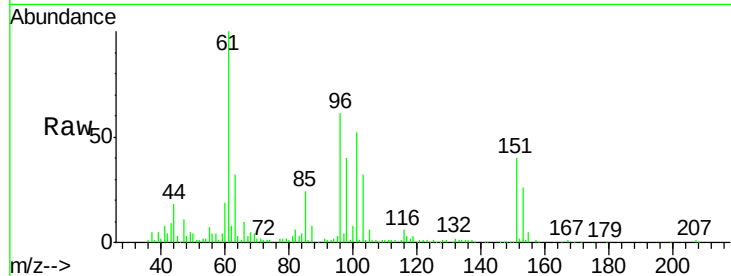
ClientSampleId :

VU0205WBSD01

Tot Ion:	96	Resp:	27937
Ion Ratio	Lower	Upper	
96	100		
61	169.4	0.0	641.4
98	65.8	0.0	122.6

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#10

Iodomethane

Concen: 1.720 ug/l

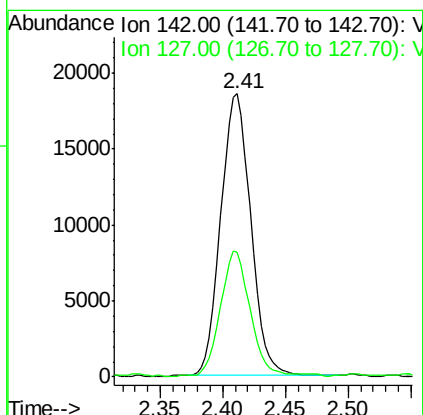
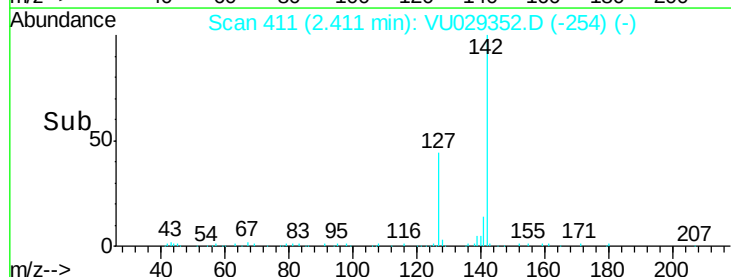
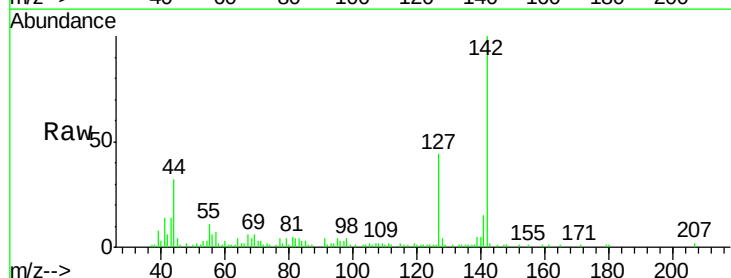
RT: 2.41 min Scan# 411

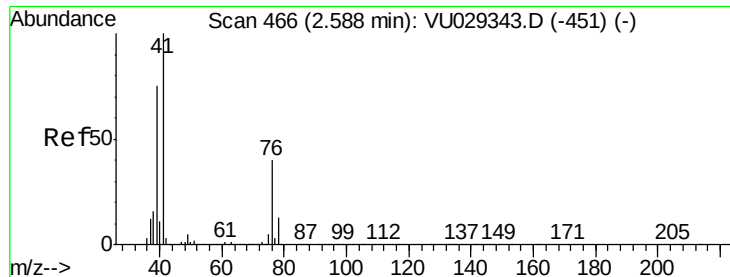
Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion:	142	Resp:	30723
Ion Ratio	Lower	Upper	
142	100		
127	45.1	47.6	71.4#





#11

Allvl Chloride

Concen: 2.029 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion: 41 Resp: 47717

Ion Ratio Lower Upper

41 100

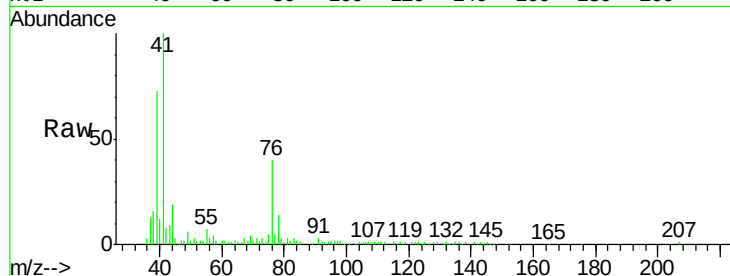
39 74.2 67.2 100.8

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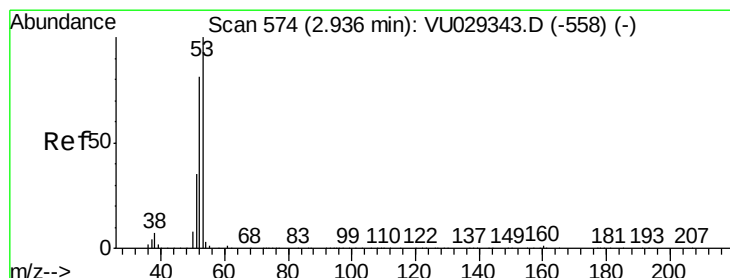
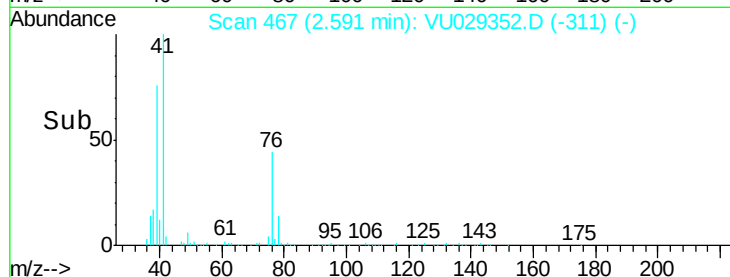
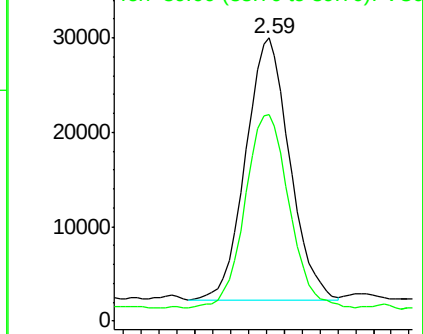
sam

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Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 4.244 ug/l

RT: 2.94 min Scan# 574

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

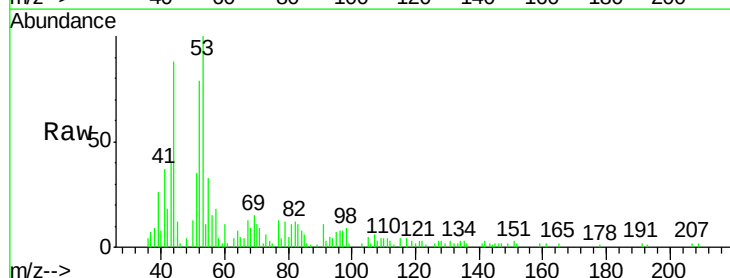
Tgt Ion: 53 Resp: 13342

Ion Ratio Lower Upper

53 100

52 80.7 67.6 101.4

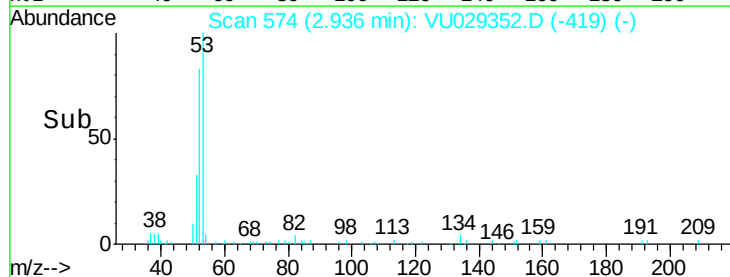
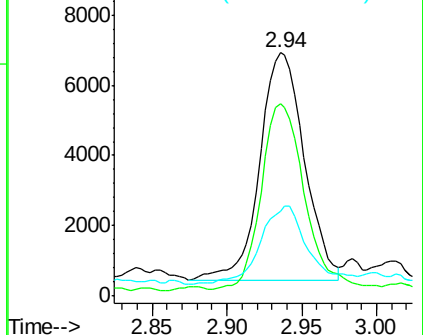
51 35.5 31.0 46.4

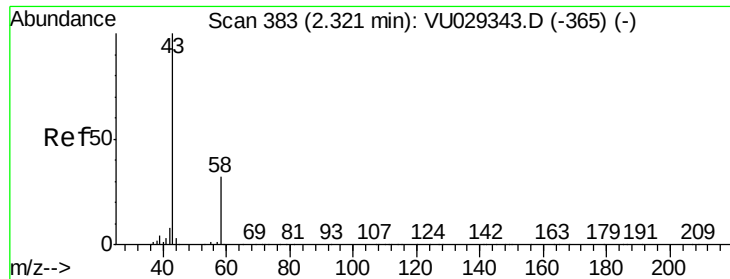


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#13

Acetone

Concen: 8.549 ug/l

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion: 43 Resp: 25900

Ion Ratio Lower Upper

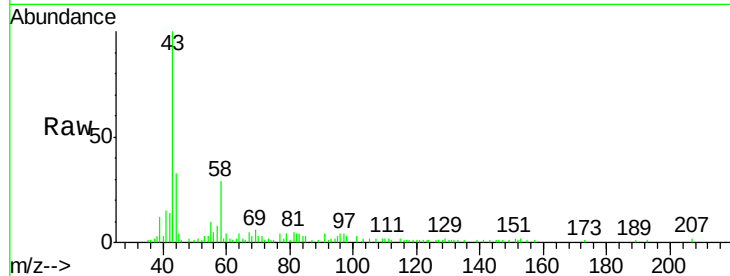
43 100

58 31.8 19.2 28.8#

Manual Integrations
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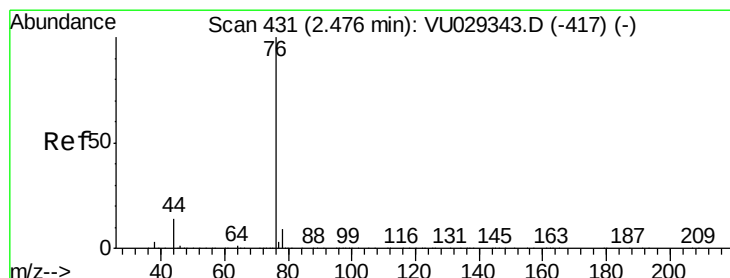
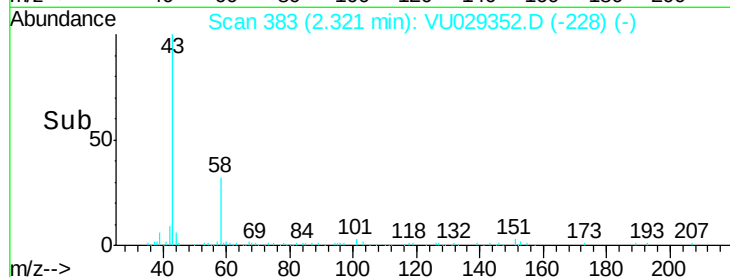
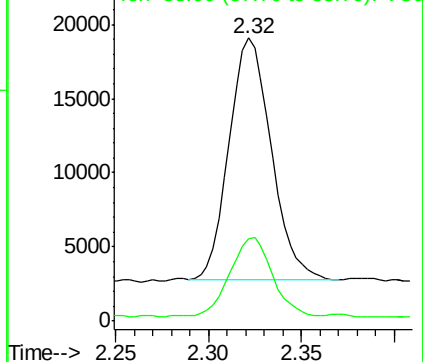
sam

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 2.039 ug/l

RT: 2.48 min Scan# 431

Delta R.T. -0.00 min

Lab File: VU029352.D

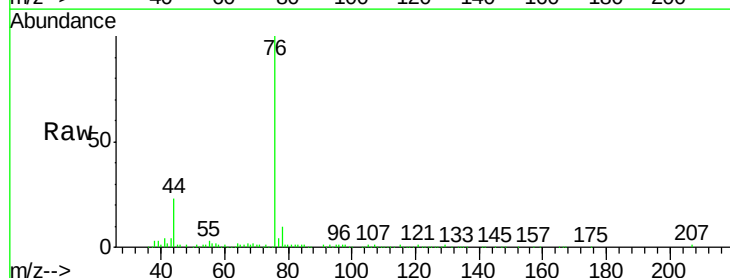
Acq: 05 Feb 2019 17:49

Tgt Ion: 76 Resp: 100949

Ion Ratio Lower Upper

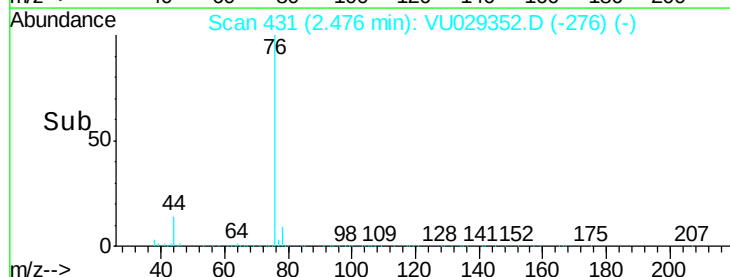
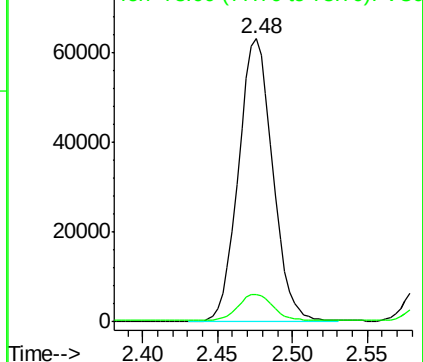
76 100

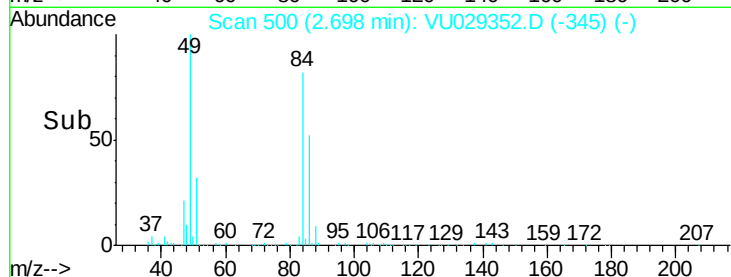
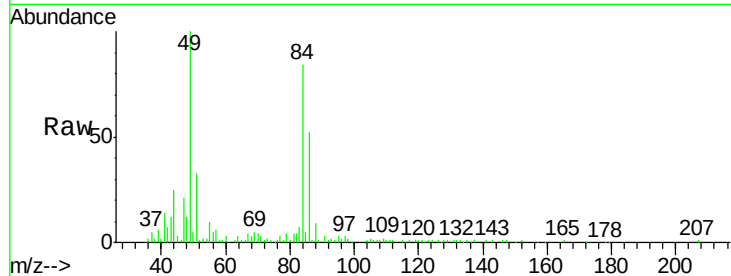
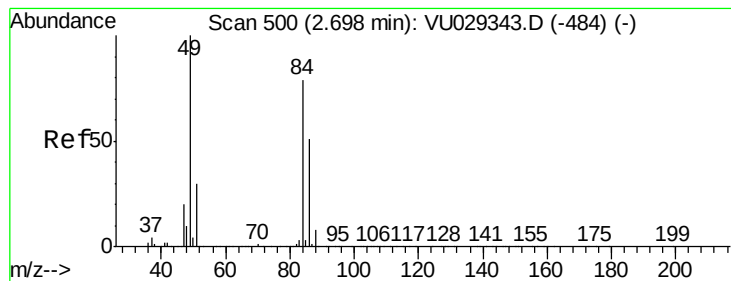
78 9.3 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methylene Chloride

Concen: 1.977 ug/l

RT: 2.70 min Scan# 500

Delta R.T. -0.00 min

Lab File: VU029352.D

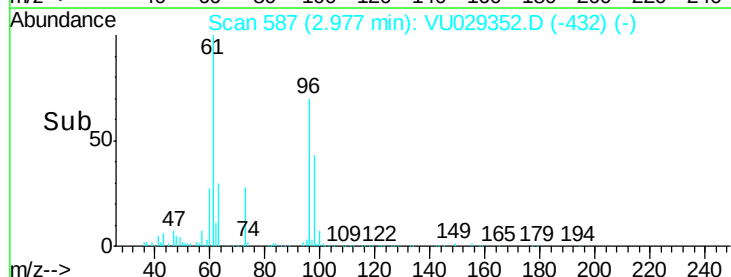
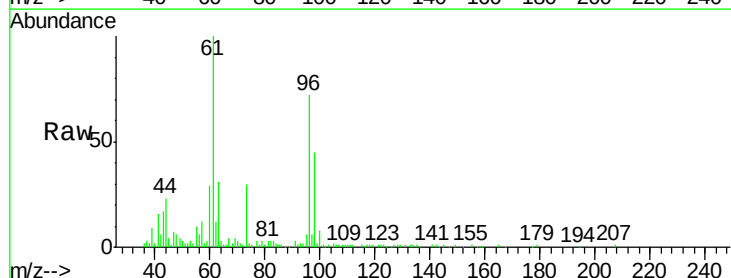
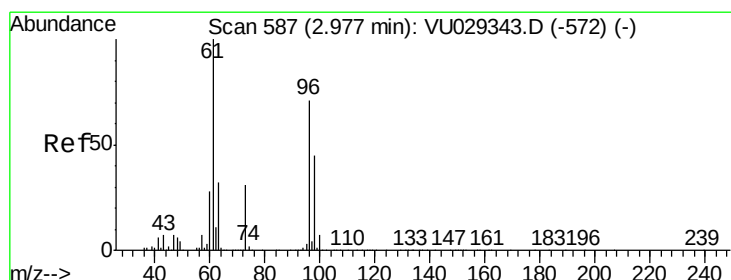
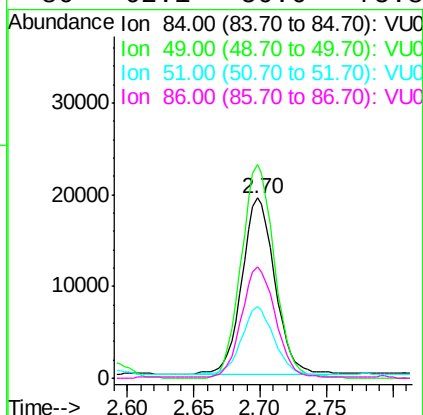
Acq: 05 Feb 2019 17:49

Tot Ion:	84	Resp:	33627
Ion	Ratio	Lower	Upper
84	100		
49	120.8	127.0	190.6#
51	38.3	0.0	93.4
86	62.1	50.6	75.8

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Manual Integrations
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#16

trans-1,2-Dichloroethene

Concen: 2.130 ug/l

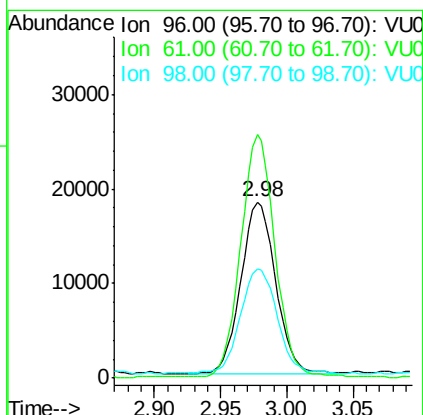
RT: 2.98 min Scan# 587

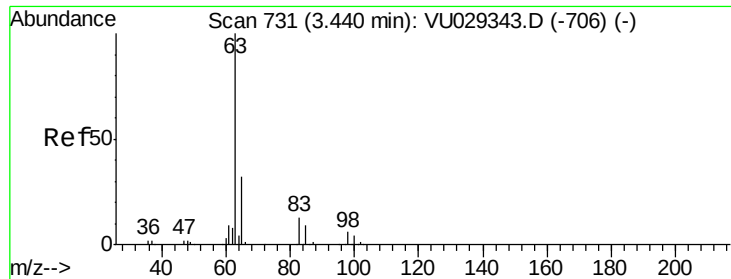
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion:	96	Resp:	33405
Ion	Ratio	Lower	Upper
96	100		
61	140.6	140.6	210.8
98	61.0	49.3	73.9





#17

1,1-Dichloroethane

Concen: 1.965 ug/l

RT: 3.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

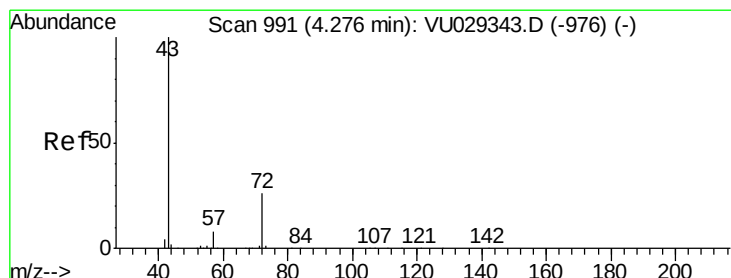
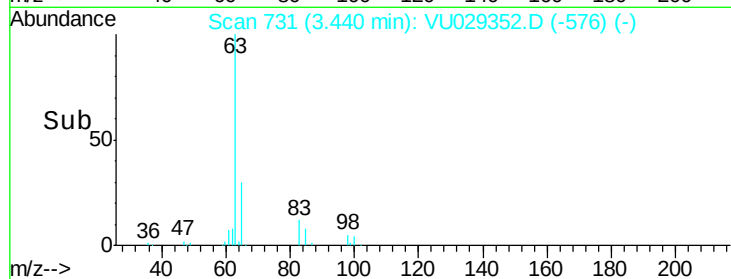
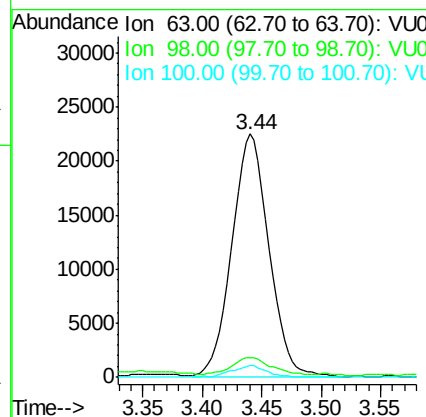
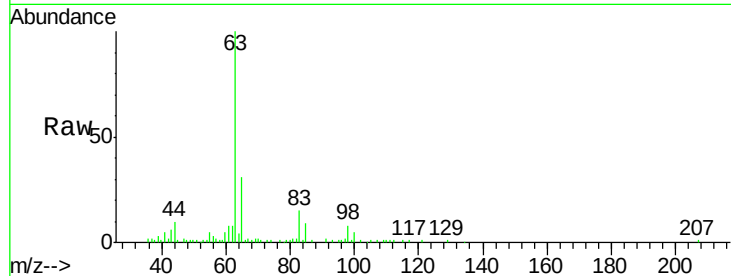
ClientSampleId :

VU0205WBSD01

Tot Ion:	63	Resp:	48828
Ion Ratio	Lower	Upper	
63	100		
98	6.9	2.9	8.8
100	4.9	1.7	5.1

Manual Integrations
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#18

2-Butanone

Concen: 9.339 ug/l

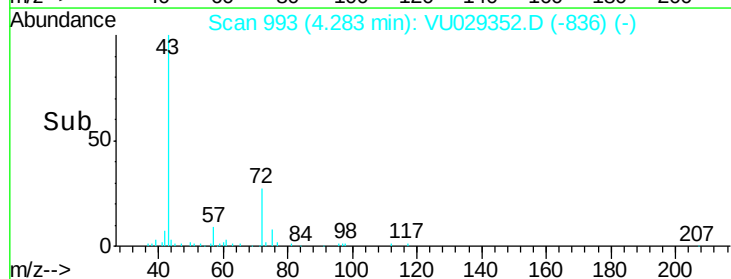
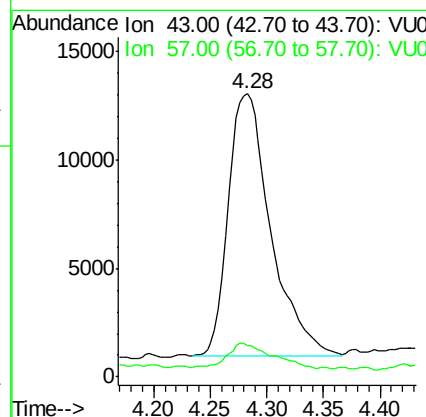
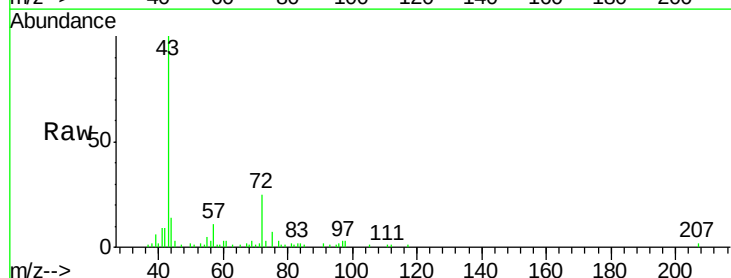
RT: 4.28 min Scan# 993

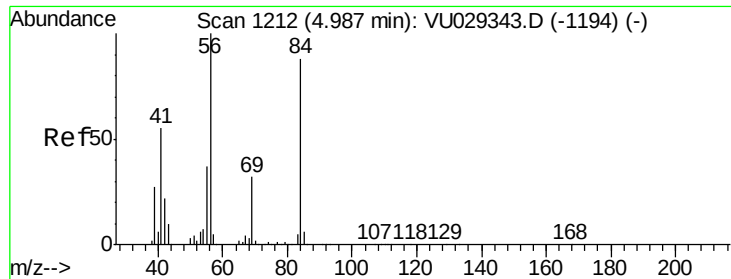
Delta R.T. 0.01 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion:	43	Resp:	31622
Ion Ratio	Lower	Upper	
43	100		
57	8.5	0.0	15.8





#19

Cyclohexane

Concen: 1.898 ug/l m

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

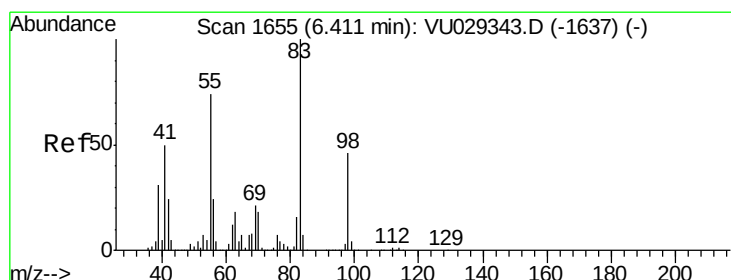
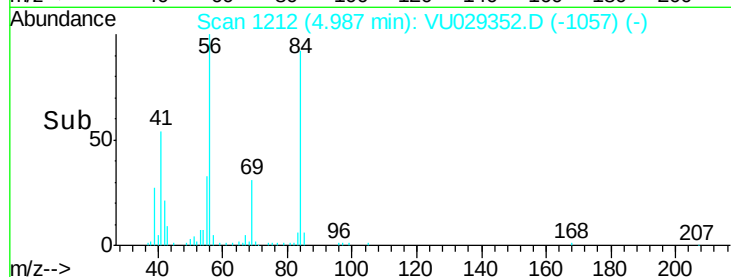
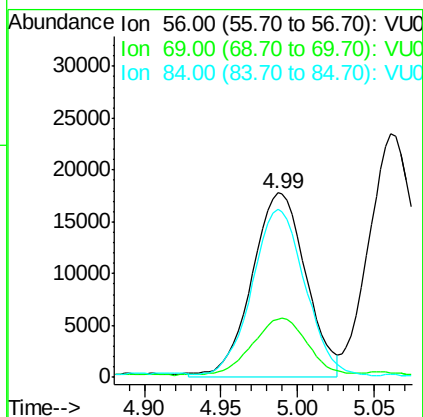
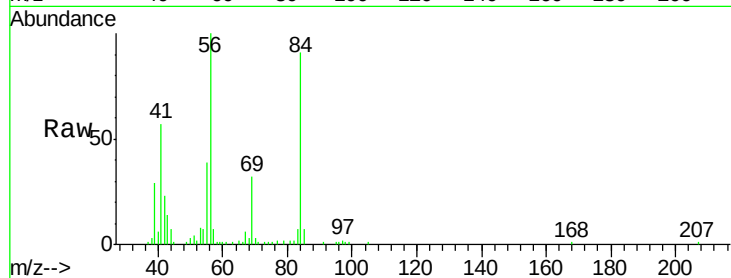
ClientSampleId :

VU0205WBSD01

Tot Ion:	56	Resp:	43734
Ion	Ratio	Lower	Upper
56	100		
69	29.6	26.8	40.2
84	87.1	71.5	107.3

Manual Integrations
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#20

Methylcyclohexane

Concen: 1.988 ug/l

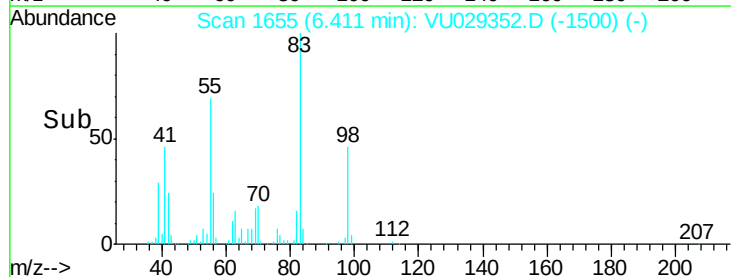
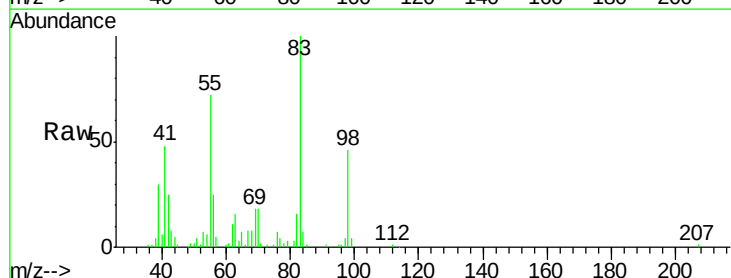
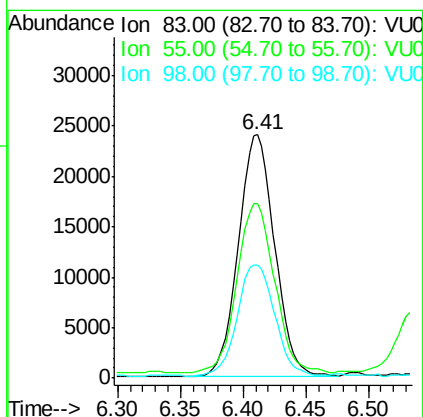
RT: 6.41 min Scan# 1655

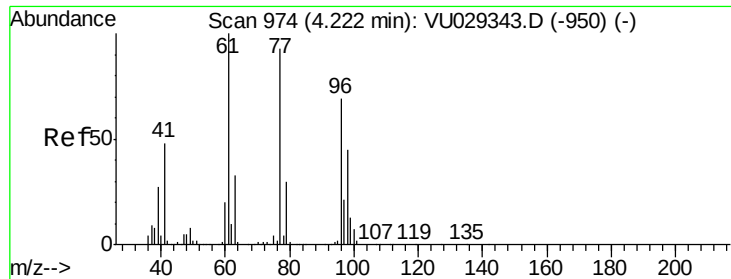
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion:	83	Resp:	48124
Ion	Ratio	Lower	Upper
83	100		
55	71.8	72.4	108.6#
98	46.7	36.6	54.8





#21

2,2-Dichloropropane

Concen: 1.889 ug/l

RT: 4.22 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampled :

VU0205WBSD01

Tot Ion: 77 Resp: 43461

Ion Ratio Lower Upper

77 100

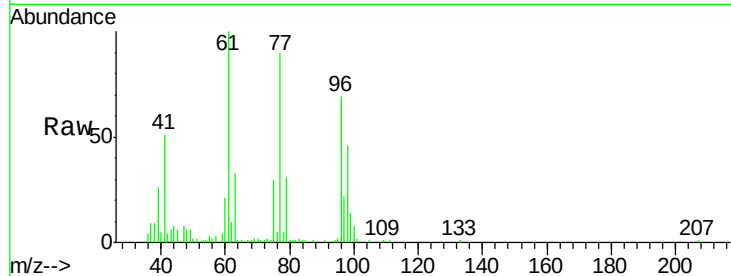
97 22.4 15.6 23.4

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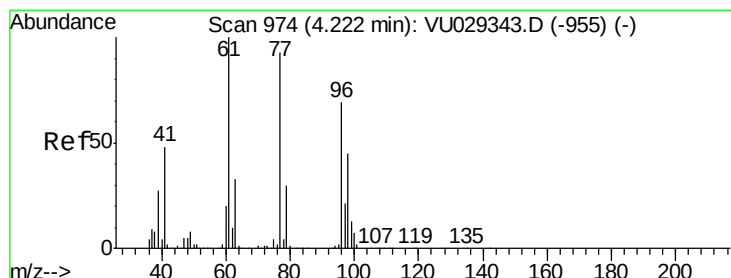
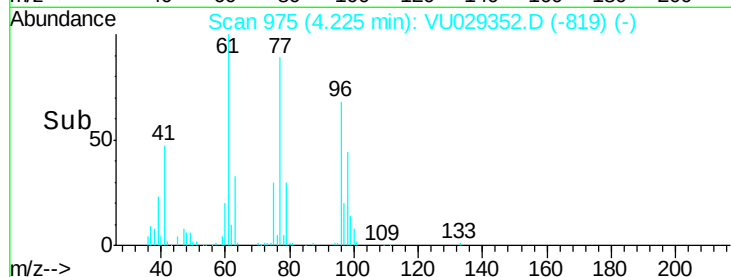
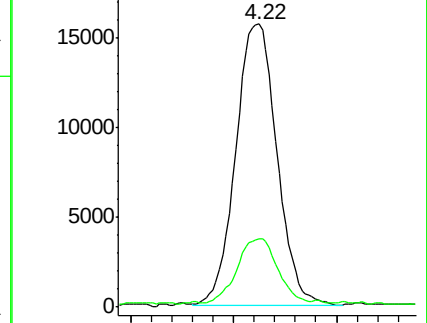
sam

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Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 2.120 ug/l

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

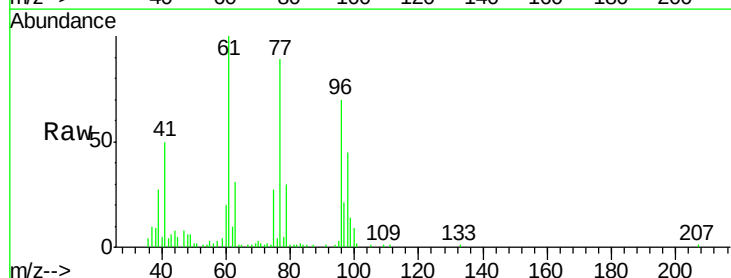
Tgt Ion: 96 Resp: 31328

Ion Ratio Lower Upper

96 100

61 144.5 0.0 460.0

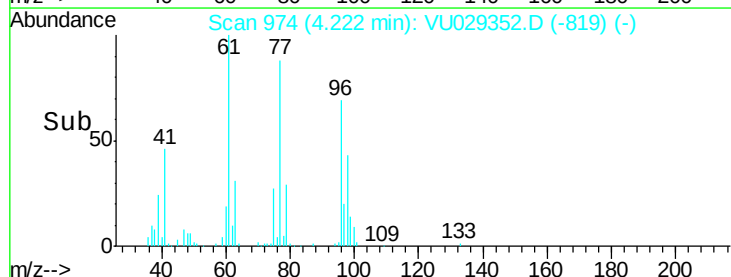
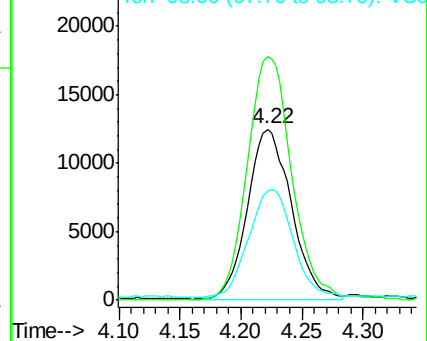
98 63.8 32.6 97.7

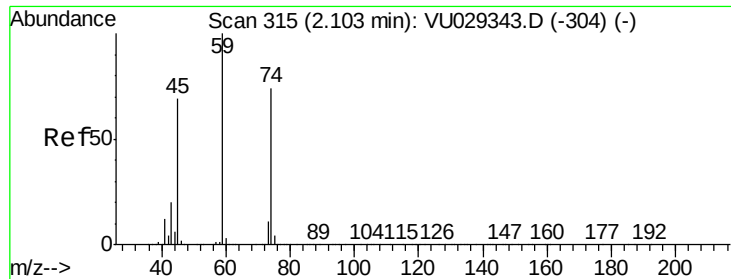


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





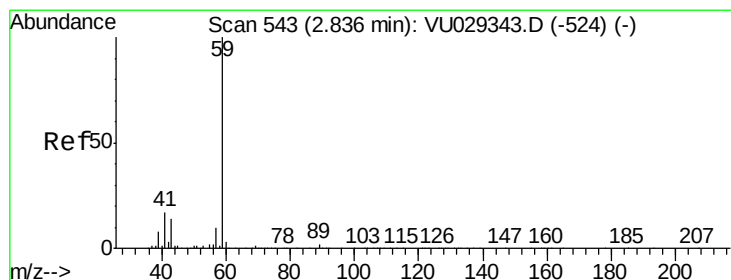
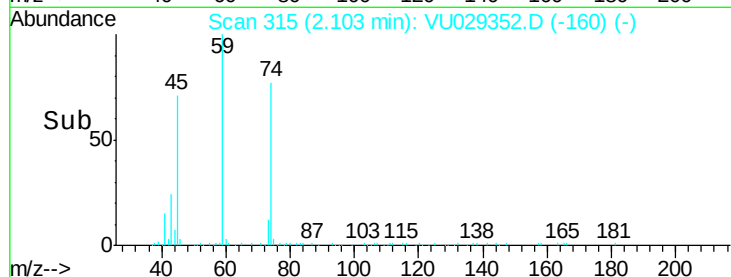
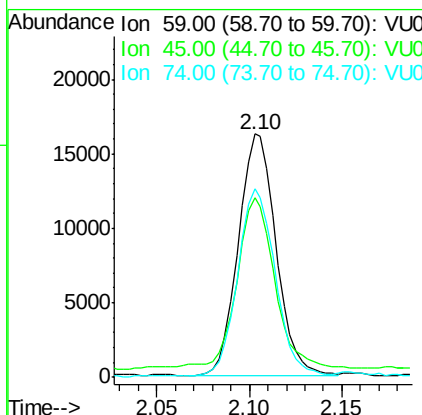
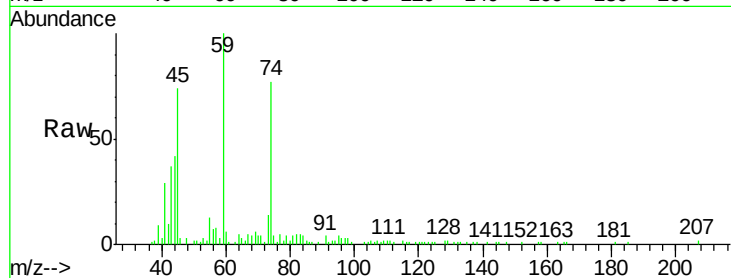
#23
Diethyl Ether
Concen: 2.028 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
45	71.2	64.2	96.4
74	77.3	55.3	82.9

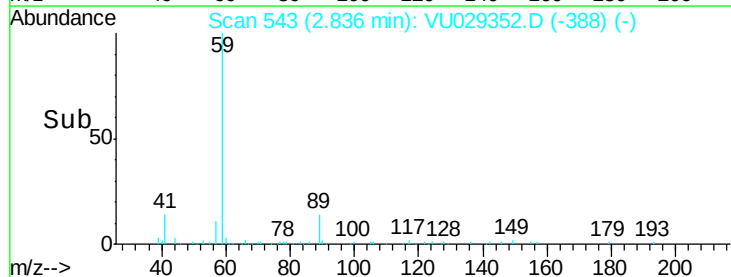
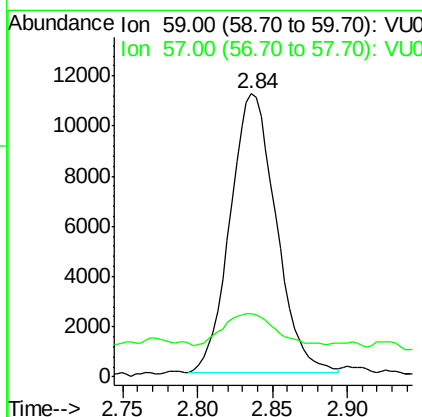
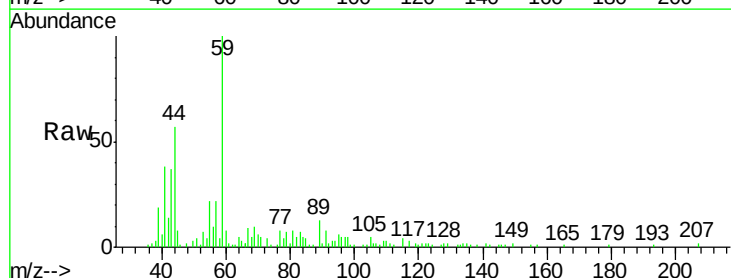
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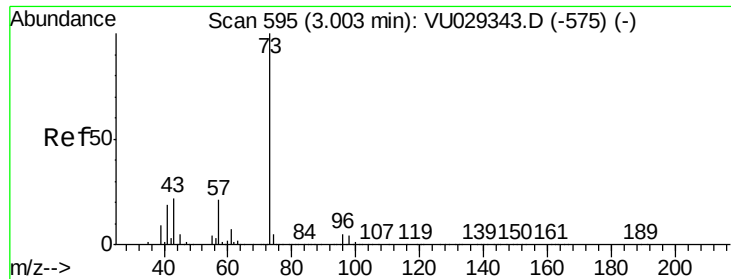
sam
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#24
tert-Butyl Alcohol
Concen: 20.243 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
59	100		
57	12.4	8.8	13.2





#25

Methyl tert-Butyl Ether

Concen: 2.068 ug/l

RT: 3.00 min Scan# 595

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion: 73 Resp: 81648

Ion Ratio Lower Upper

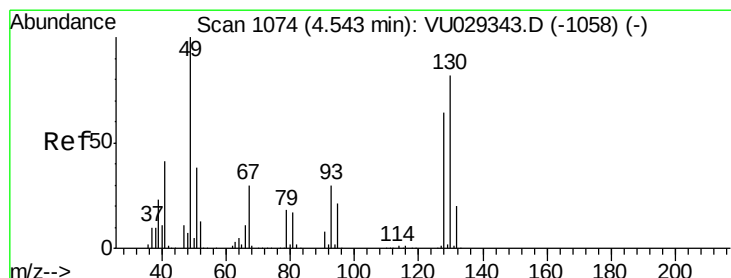
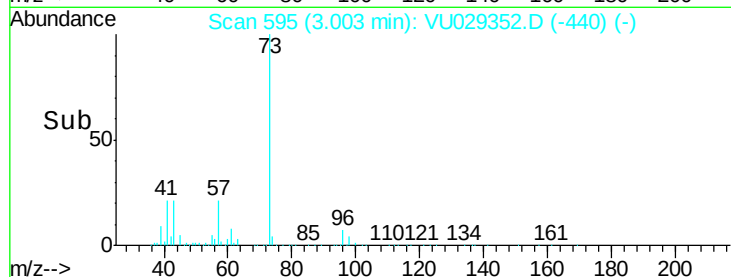
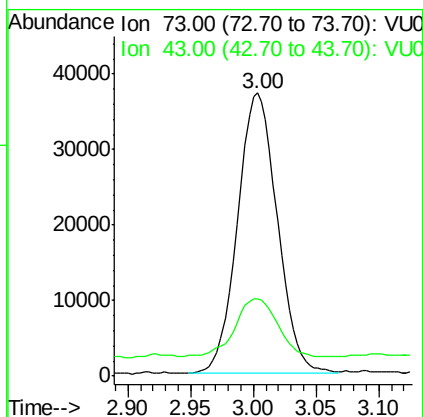
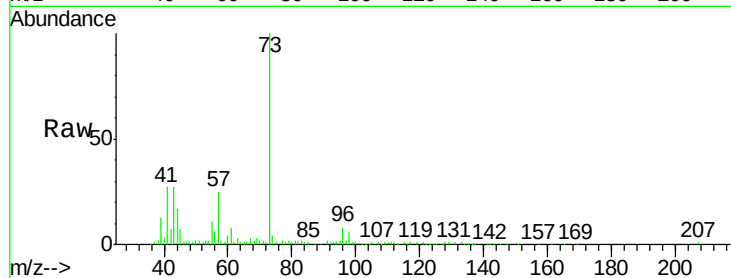
73 100

43 21.6 22.1 33.1#

Manual Integrations
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#26

Bromochloromethane

Concen: 2.141 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

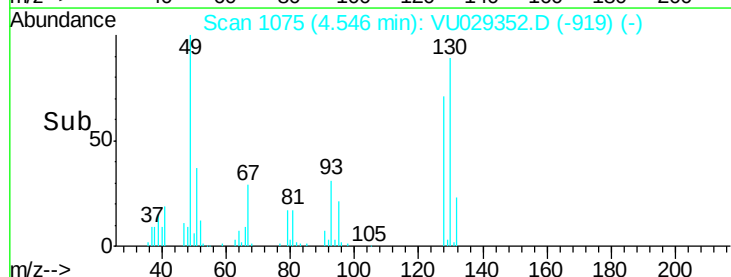
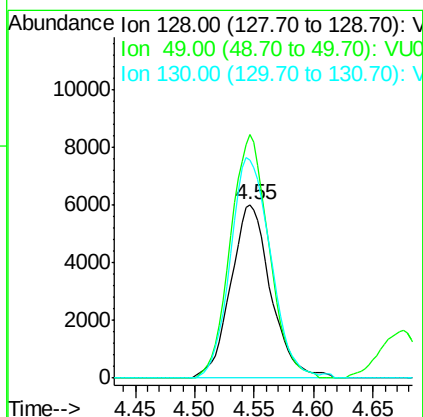
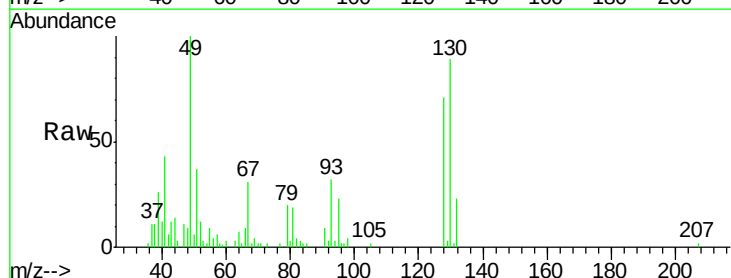
Tgt Ion: 128 Resp: 13972

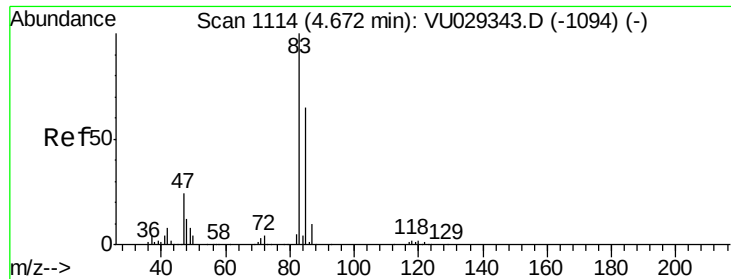
Ion Ratio Lower Upper

128 100

49 135.4 0.0 401.6

130 127.9 108.0 162.0





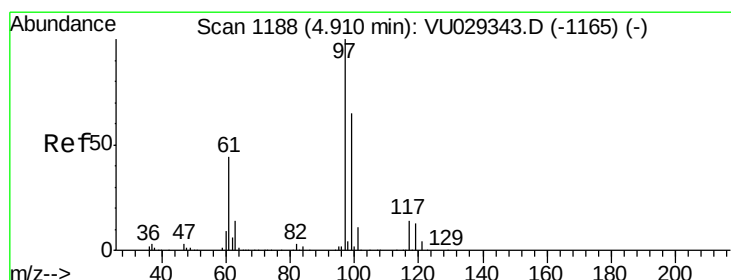
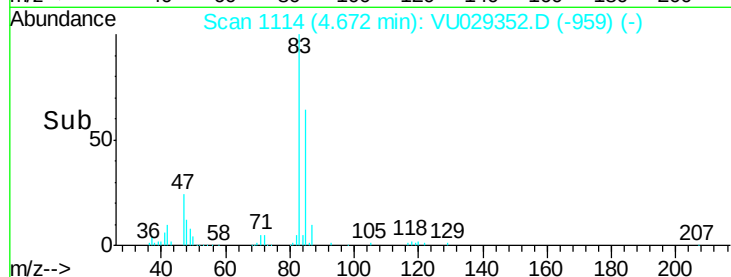
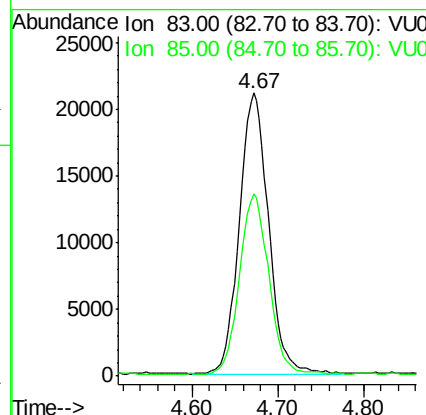
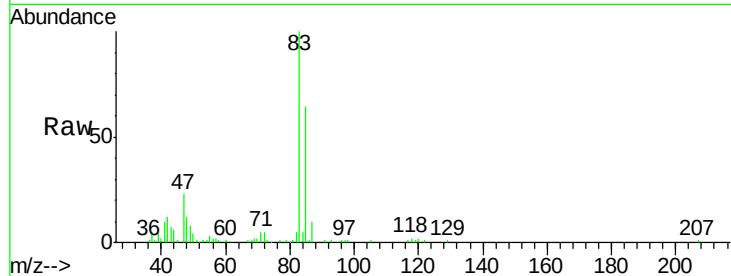
#27
Chloroform
Concen: 2.051 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion	83	Resp	49562
Ion Ratio	100	Lower	Upper
85	63.9	0.0	126.6

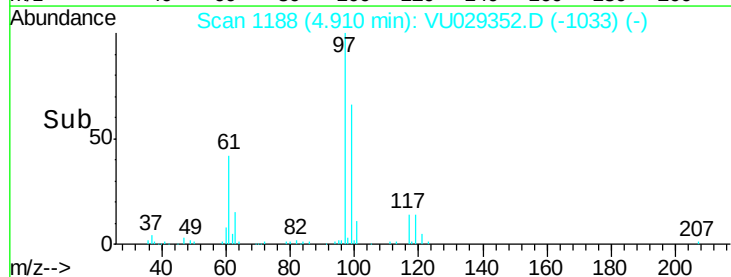
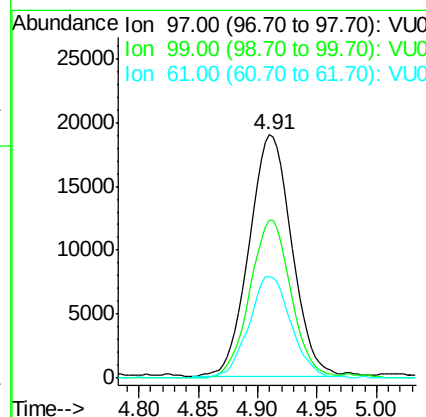
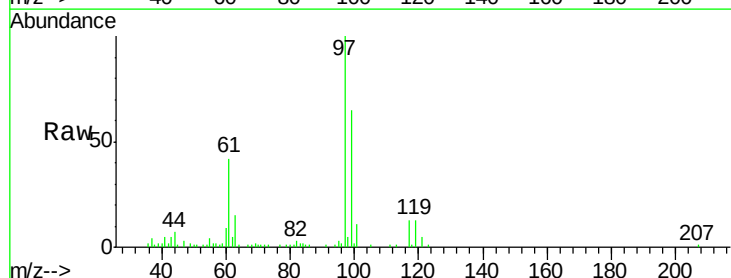
Manual Integrations
APPROVED

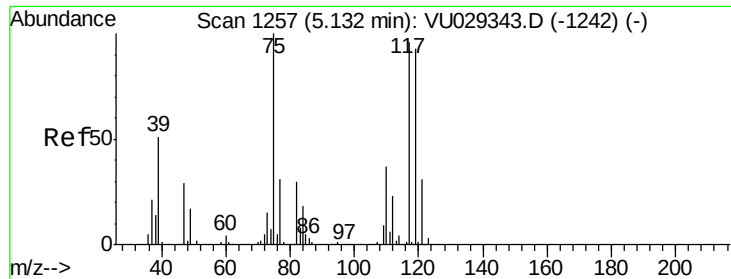
sam
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#28
1,1,1-Trichloroethane
Concen: 2.093 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	97	Resp	46881
Ion Ratio	100	Lower	Upper
99	63.3	32.4	97.2
61	41.6	24.4	73.2





#29

1,1-Dichloropropene

Concen: 2.004 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

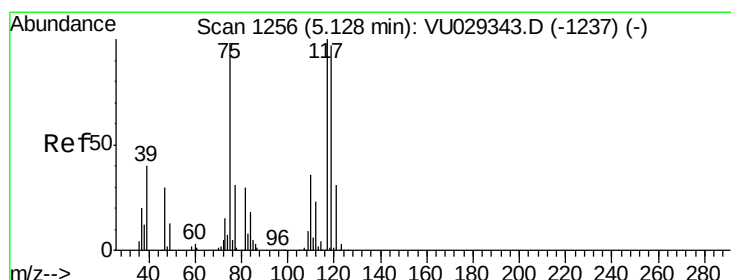
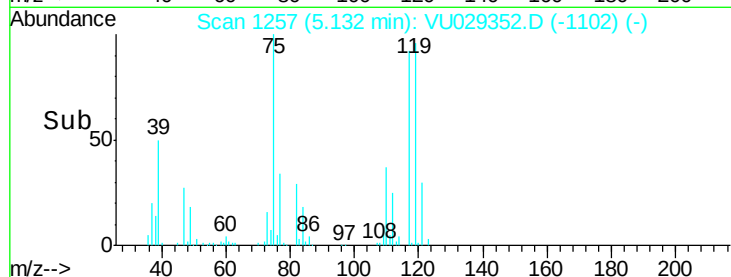
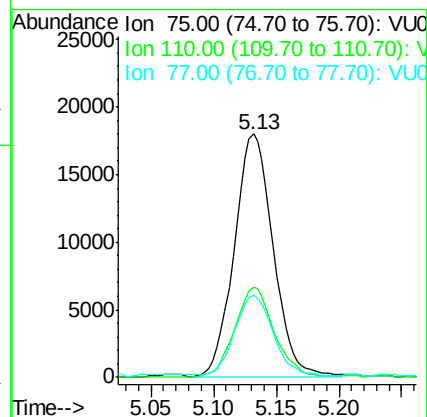
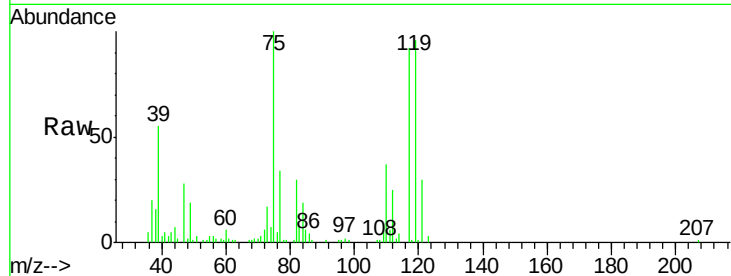
ClientSampleId :

VU0205WBSD01

Tot Ion:	75	Resp:	38973
Ion Ratio	Lower	Upper	
75	100		
110	37.4	15.4	46.2
77	31.9	24.1	36.1

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 1.965 ug/l

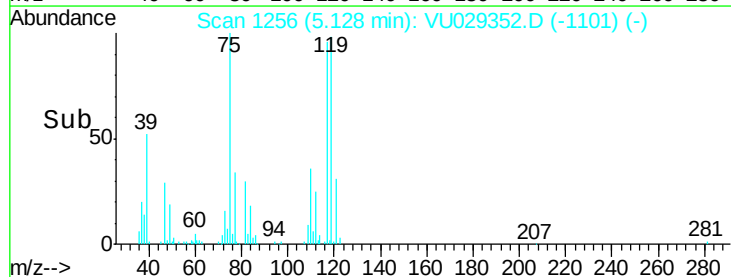
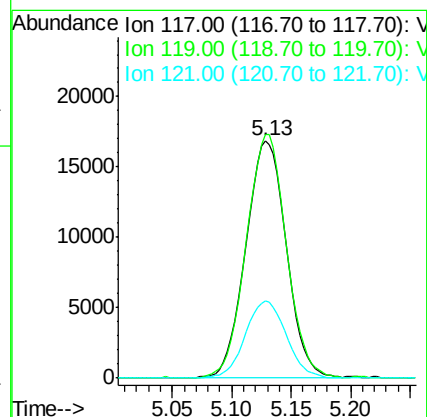
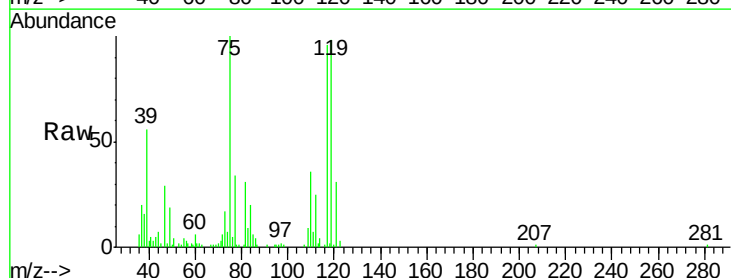
RT: 5.13 min Scan# 1256

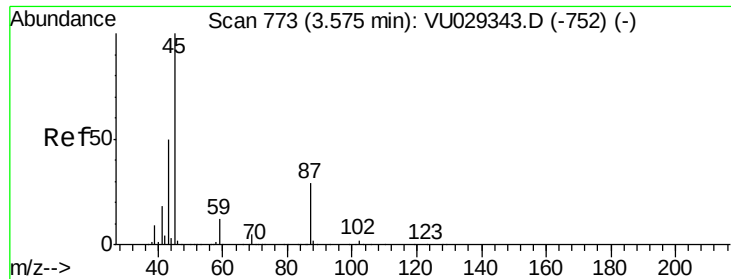
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion:	117	Resp:	39847
Ion Ratio	Lower	Upper	
117	100		
119	102.5	76.8	115.2
121	32.6	24.4	36.6





#31

Isopropyl Ether

Concen: 2.001 ug/l

RT: 3.58 min Scan# 774

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion: 45 Resp: 75031

Ion Ratio Lower Upper

45 100

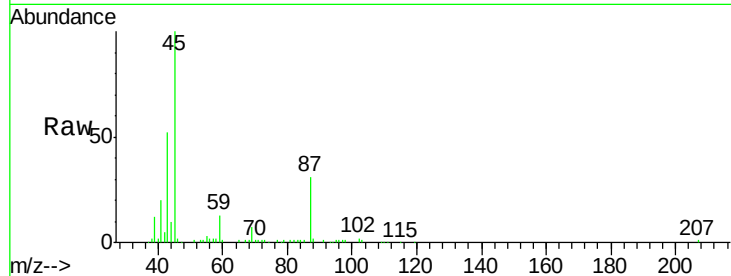
43 47.8 28.4 85.3

Manual Integrations

APPROVED

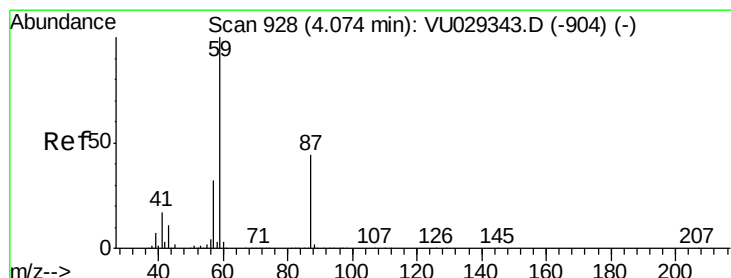
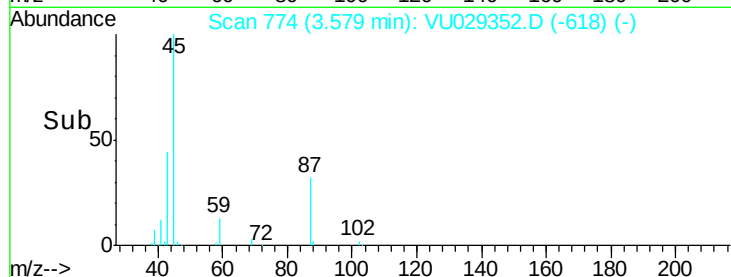
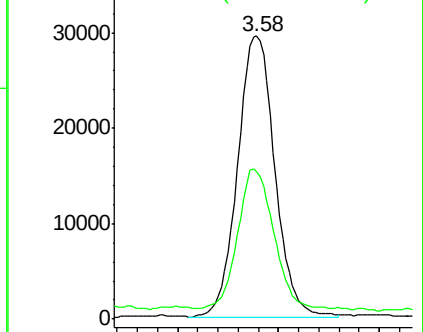
sam

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Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 1.991 ug/l

RT: 4.07 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU029352.D

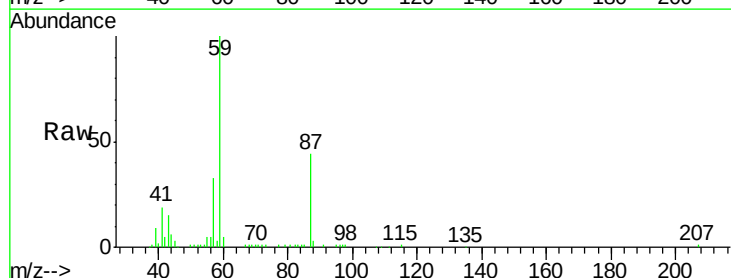
Acq: 05 Feb 2019 17:49

Tgt Ion: 59 Resp: 74831

Ion Ratio Lower Upper

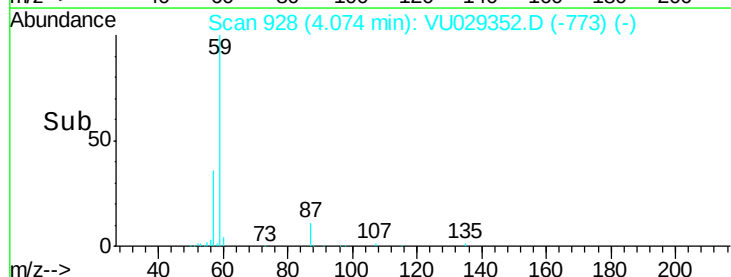
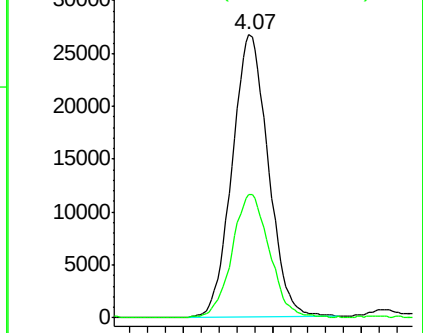
59 100

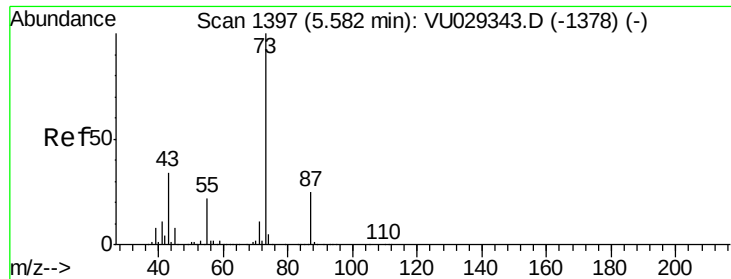
87 45.5 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





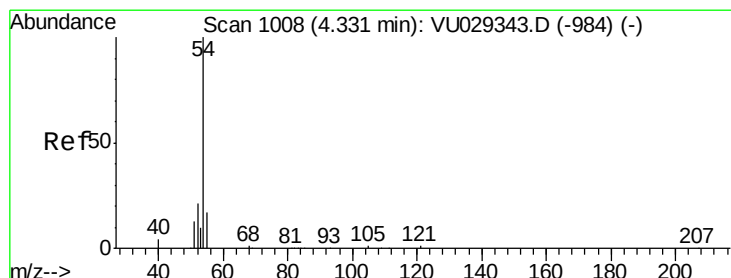
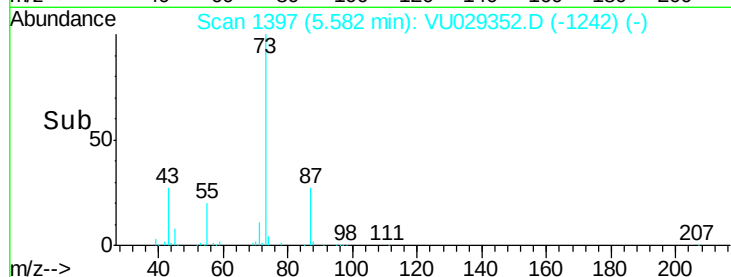
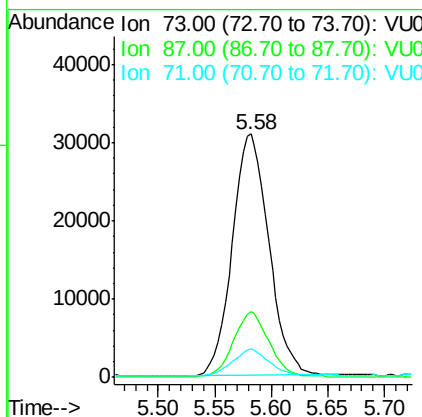
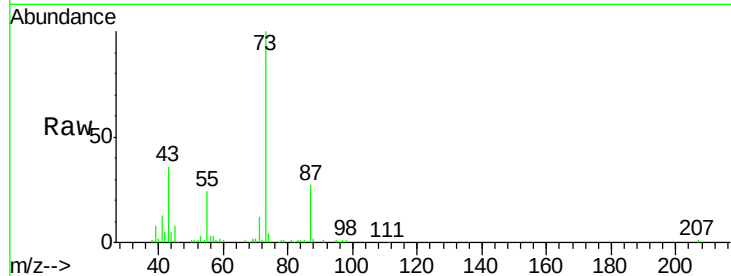
#33
Tert-Butyl methyl ether
Concen: 2.039 ug/l
RT: 5.58 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	26.7	19.4	29.0
71	10.5	9.0	13.4

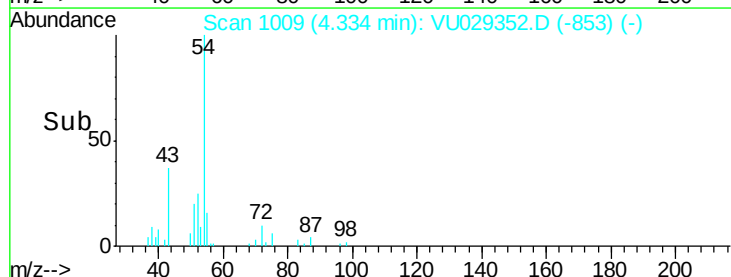
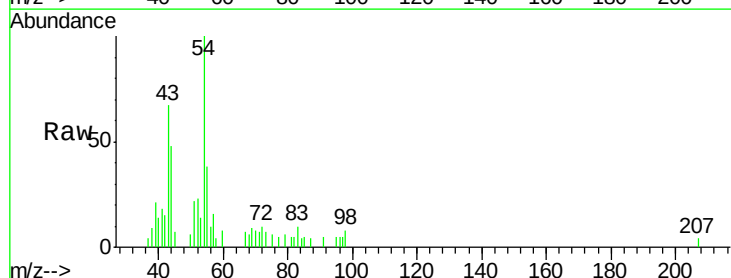
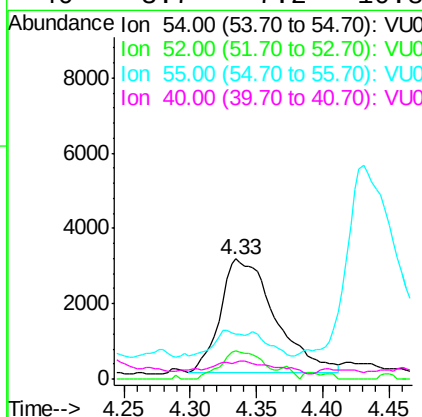
Manual Integrations
APPROVED

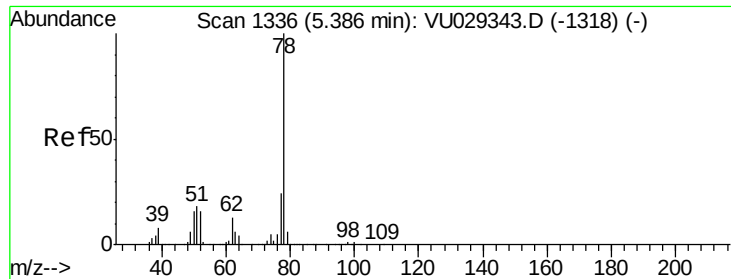
sam
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#34
Propionitrile
Concen: 9.674 ug/l
RT: 4.33 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.5	18.9	28.3#
55	13.1	15.1	22.7#
40	3.7	7.2	10.8#





#35

Benzene

Concen: 2.030 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion: 78 Resp: 109182

Ion Ratio Lower Upper

78 100

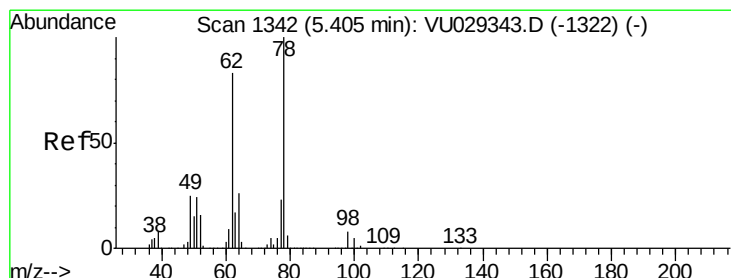
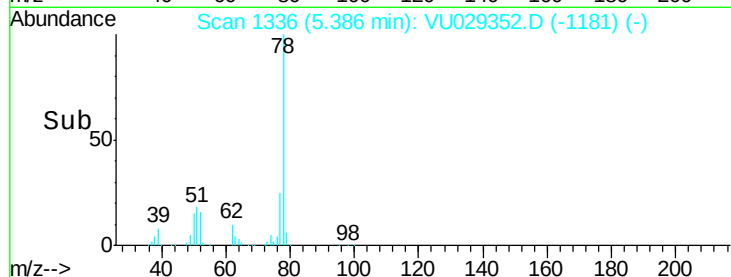
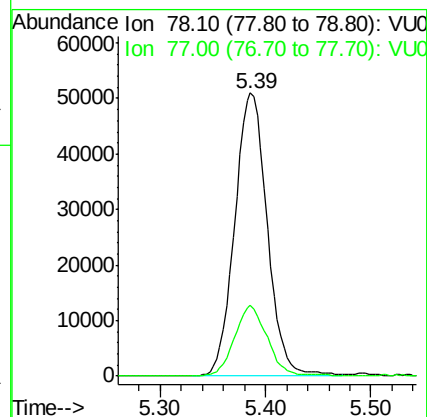
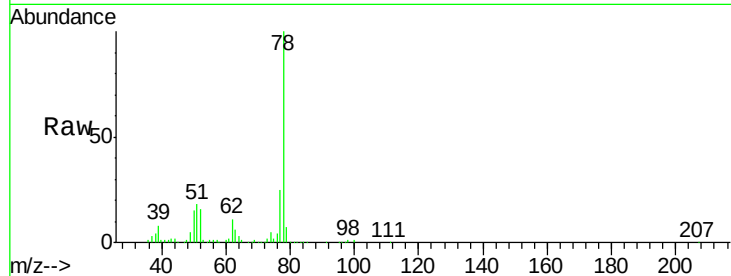
77 24.9 19.8 29.8

Manual Integrations

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sam

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#36

1,2-Dichloroethane

Concen: 1.952 ug/l

RT: 5.40 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VU029352.D

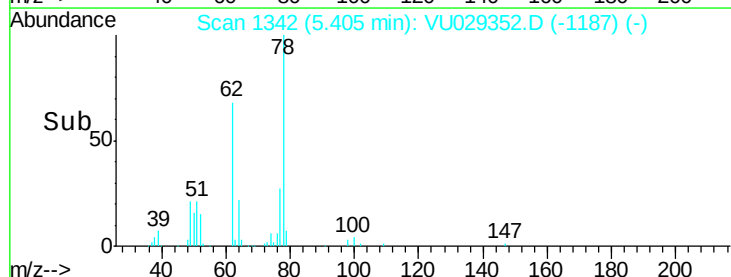
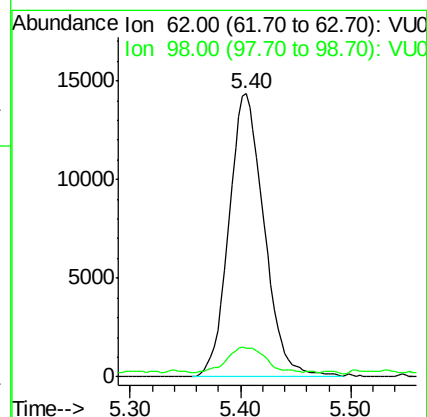
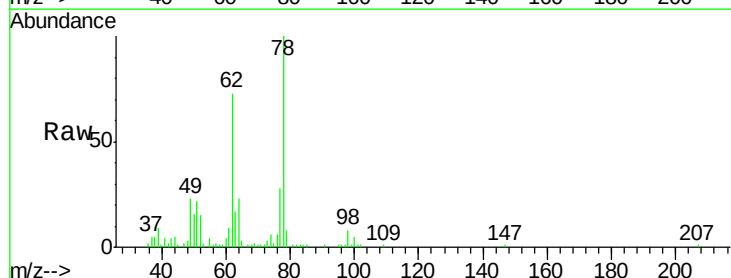
Acq: 05 Feb 2019 17:49

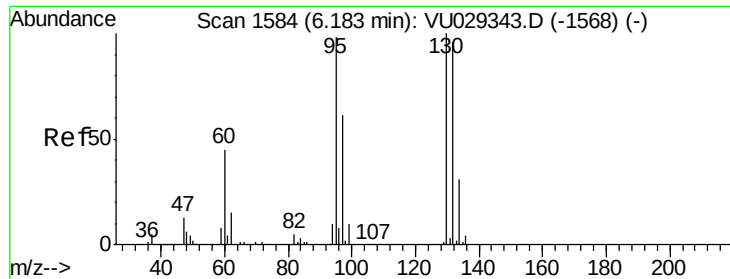
Tgt Ion: 62 Resp: 31756

Ion Ratio Lower Upper

62 100

98 9.9 4.9 7.3#





#37

Trichloroethene

Concen: 2.089 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion:130 Resp: 32244

Ion Ratio Lower Upper

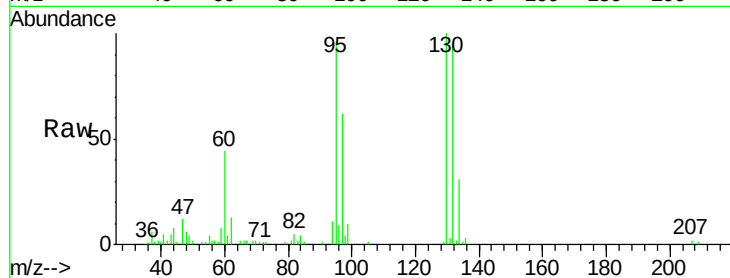
130 100

95 95.0 85.4 128.0

Manual Integrations
APPROVED

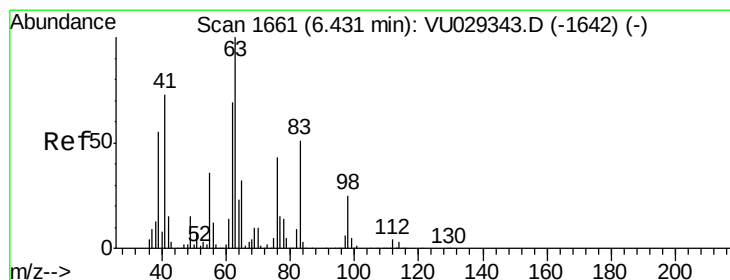
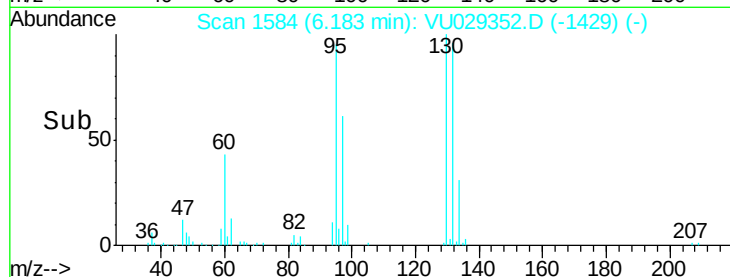
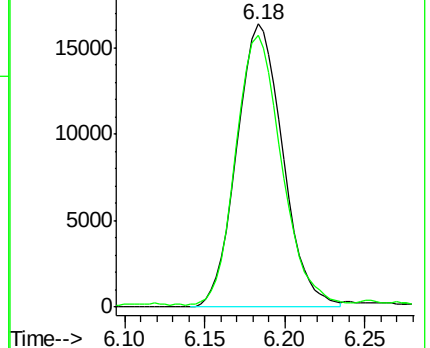
sam

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0



#38

1,2-Dichloropropane

Concen: 1.922 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VU029352.D

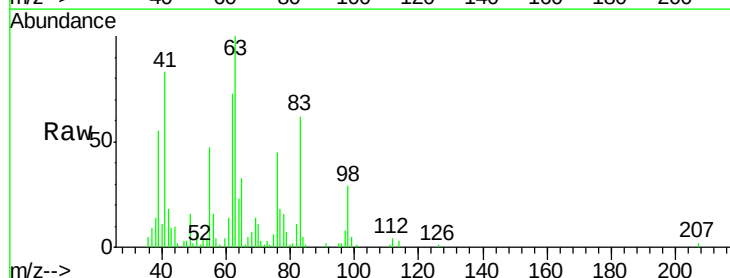
Acq: 05 Feb 2019 17:49

Tgt Ion: 63 Resp: 26895

Ion Ratio Lower Upper

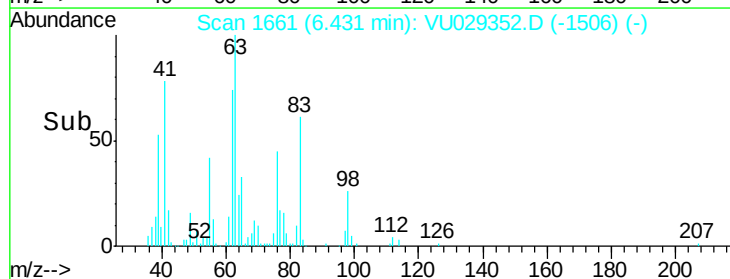
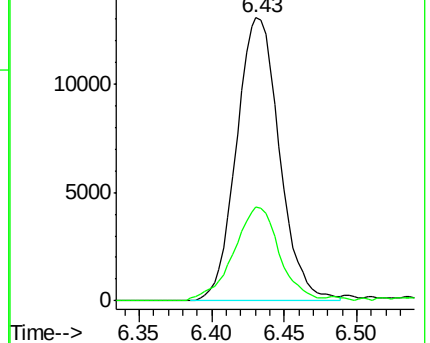
63 100

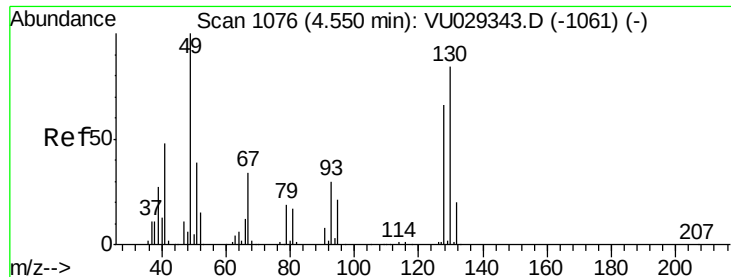
65 31.9 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0





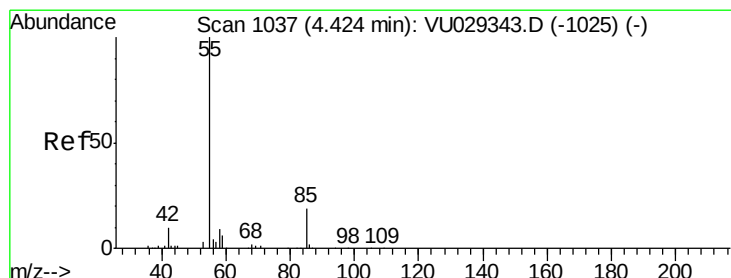
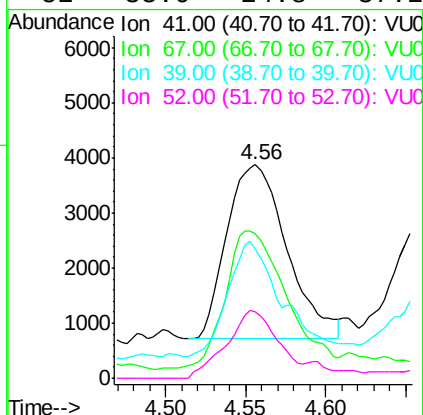
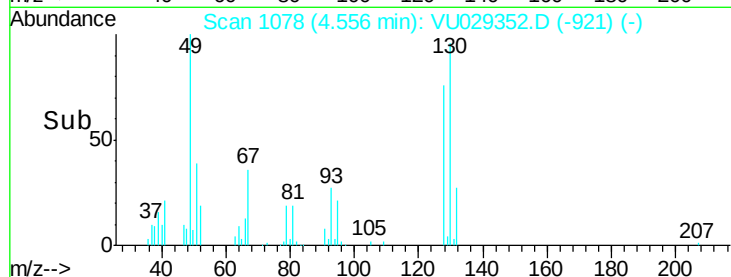
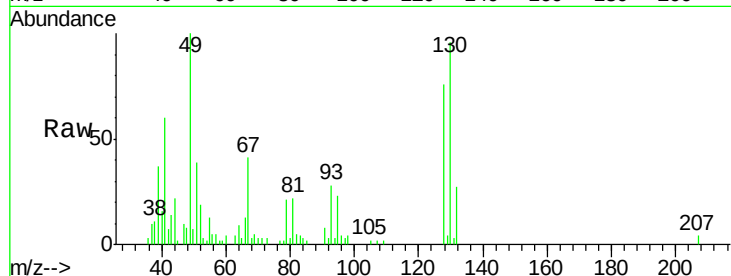
#39
Methacrylonitrile
Concen: 1.792 ug/l
RT: 4.56 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion	41	Resp	8169
Ion	Ratio	Lower	Upper
41	100		
67	79.2	50.1	75.1#
39	61.3	47.9	71.9
52	33.0	24.8	37.2

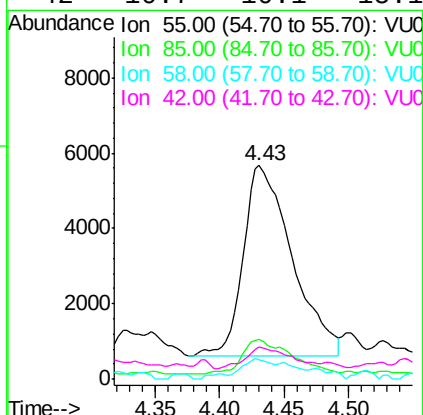
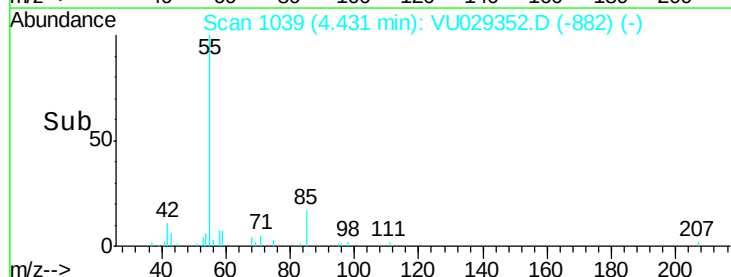
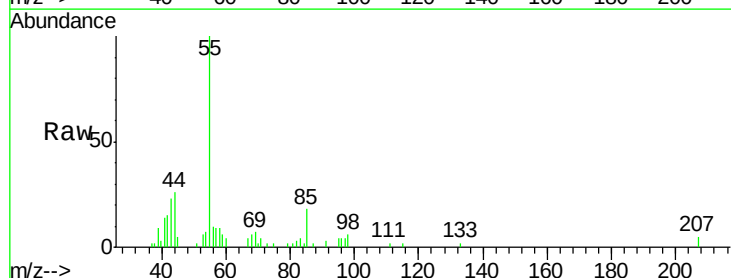
Manual Integrations
APPROVED

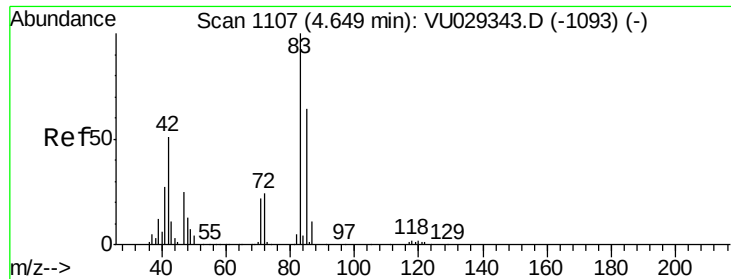
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#40
Methyl acrylate
Concen: 1.936 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	55	Resp	13320
Ion	Ratio	Lower	Upper
55	100		
85	17.3	11.3	16.9#
58	4.7	6.2	9.4#
42	10.7	10.1	15.1





#41

Tetrahydrofuran

Concen: 4.135 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

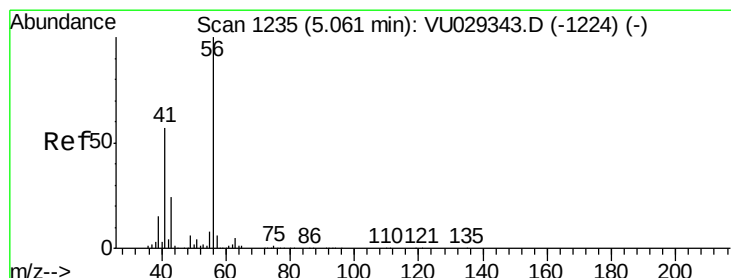
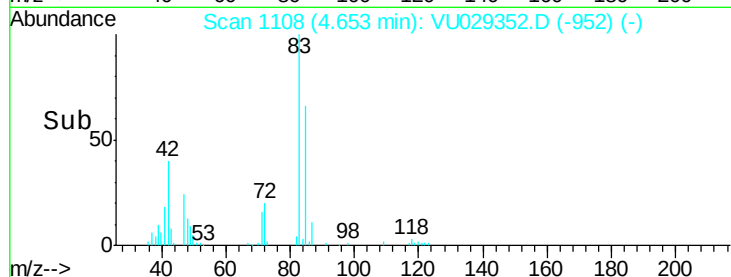
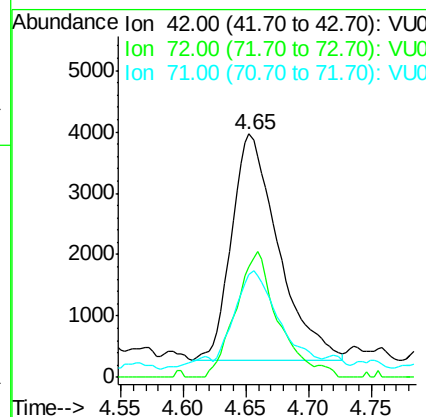
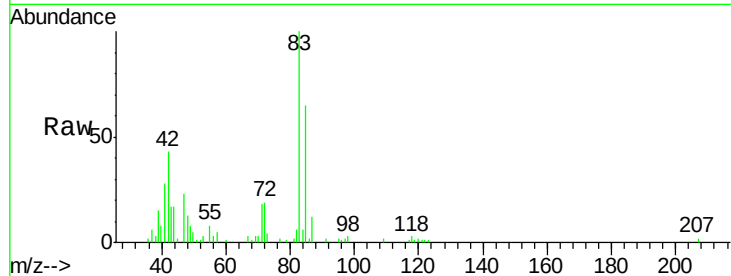
ClientSampleId :

VU0205WBSD01

Tot Ion:	42	Resp:	9494
Ion	Ratio	Lower	Upper
42	100		
72	51.0	33.1	49.7#
71	35.6	30.2	45.2

Manual Integrations
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sam
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#42

1-Chlorobutane

Concen: 1.951 ug/l

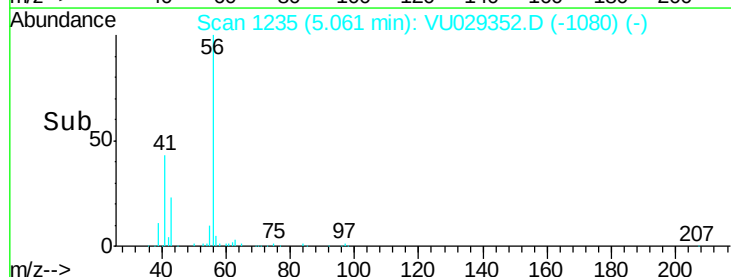
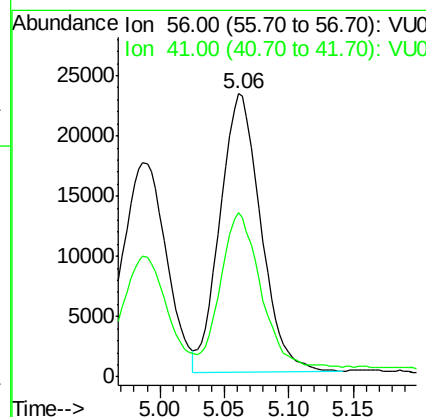
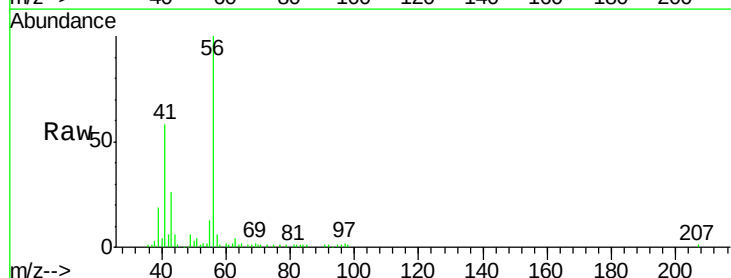
RT: 5.06 min Scan# 1235

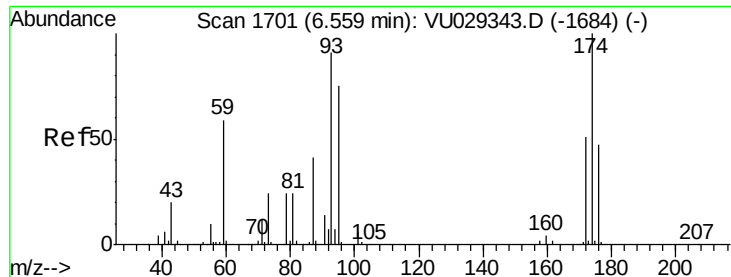
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion:	56	Resp:	50836
Ion	Ratio	Lower	Upper
56	100		
41	52.4	31.3	93.8





#43

Dibromomethane

Concen: 2.078 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

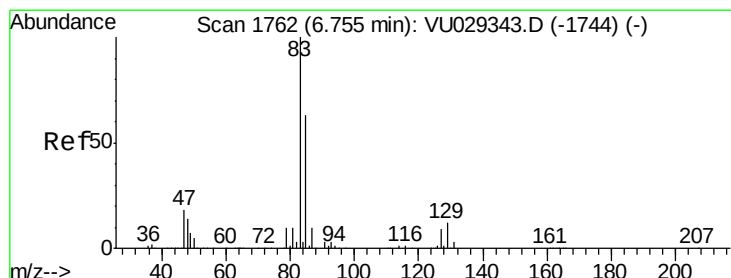
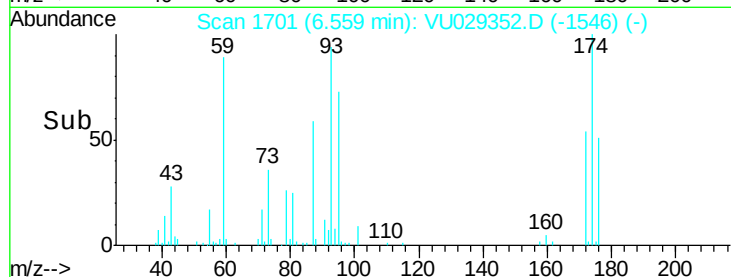
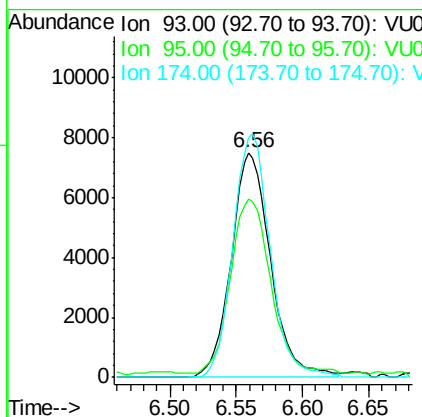
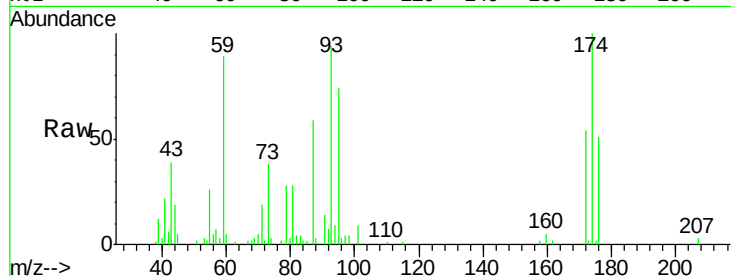
ClientSampleId :

VU0205WBSD01

Tot Ion:	93	Resp:	15490
Ion	Ratio	Lower	Upper
93	100		
95	78.8	68.2	102.2
174	102.4	77.6	116.4

Manual Integrations
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sam
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#44

Bromodichloromethane

Concen: 2.036 ug/l

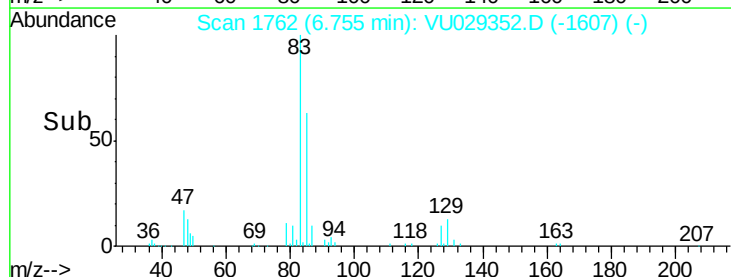
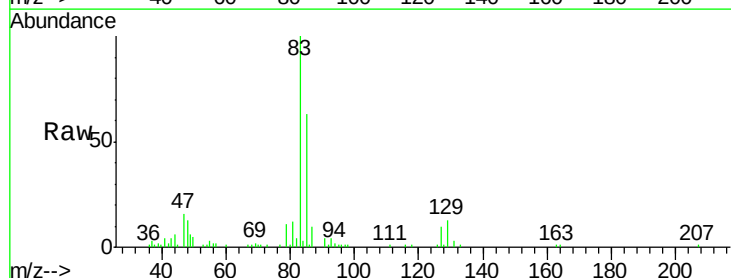
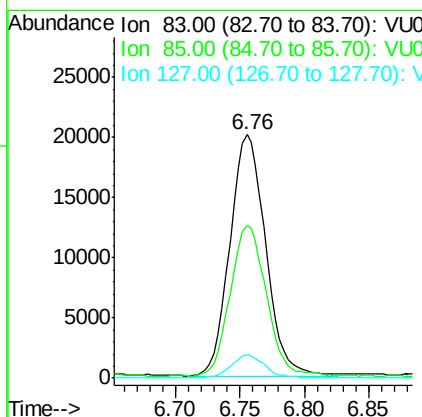
RT: 6.76 min Scan# 1762

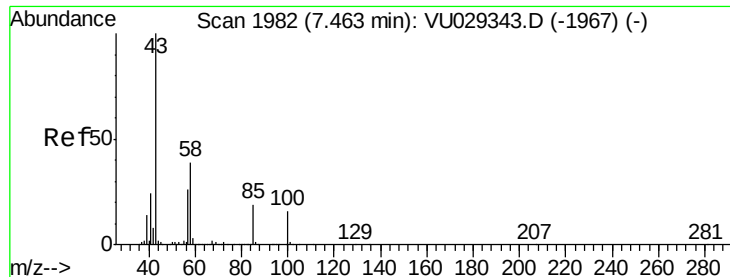
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion:	83	Resp:	38684
Ion	Ratio	Lower	Upper
83	100		
85	62.5	49.2	73.8
127	9.8	7.0	10.6





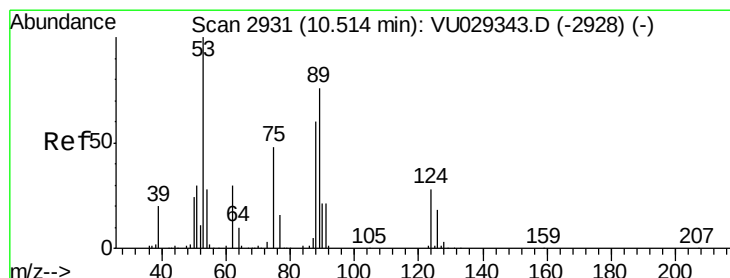
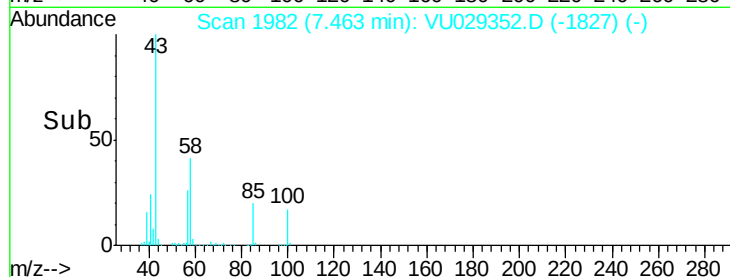
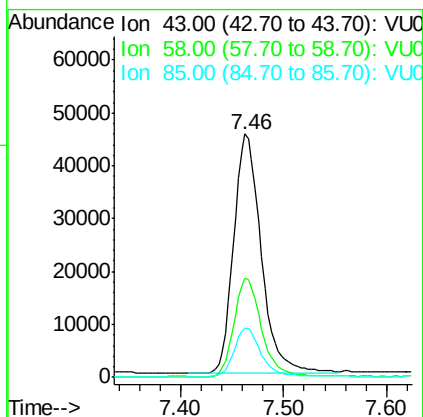
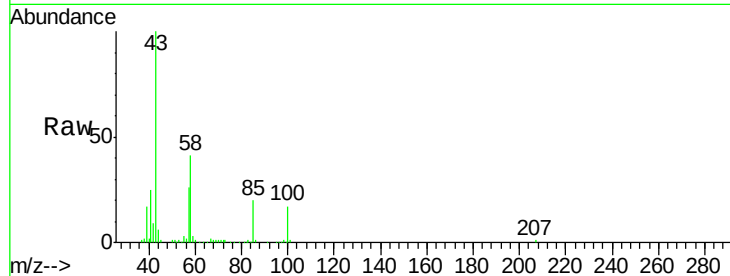
#45
4-Methyl-2-Pentanone
Concen: 9.766 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.3	17.6	52.8
85	19.5	12.3	18.5#

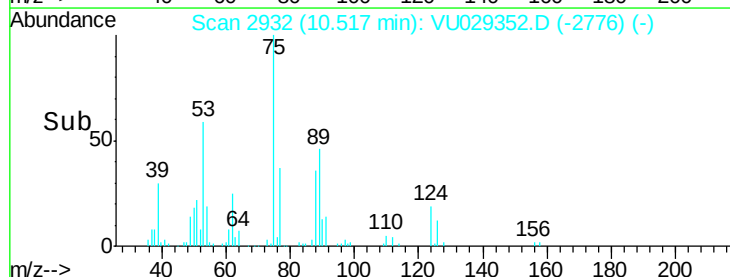
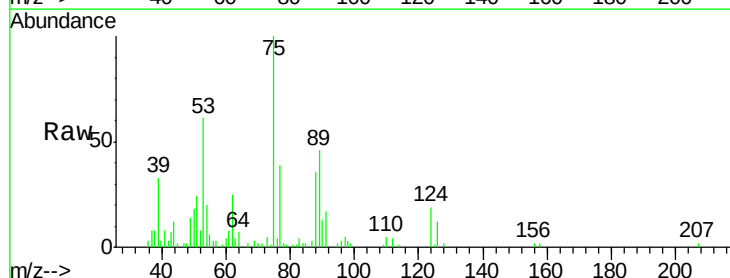
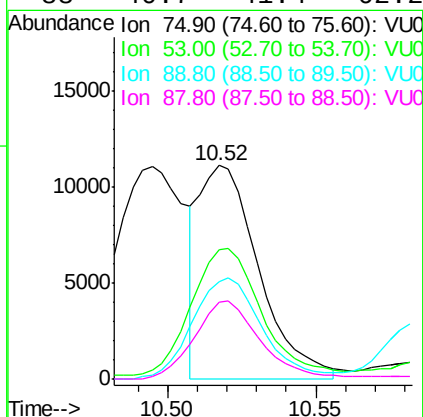
Manual Integrations
APPROVED

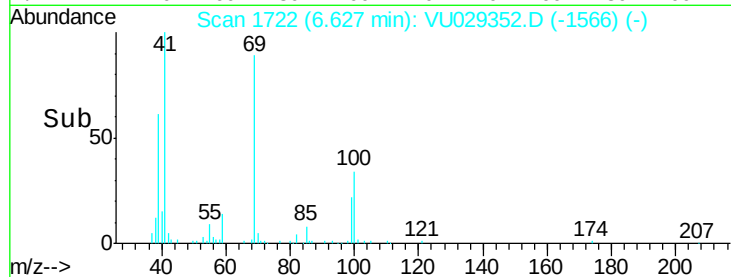
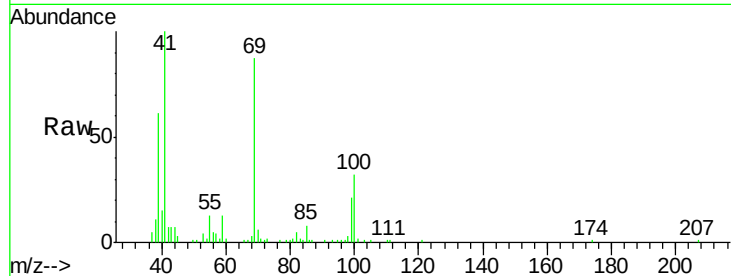
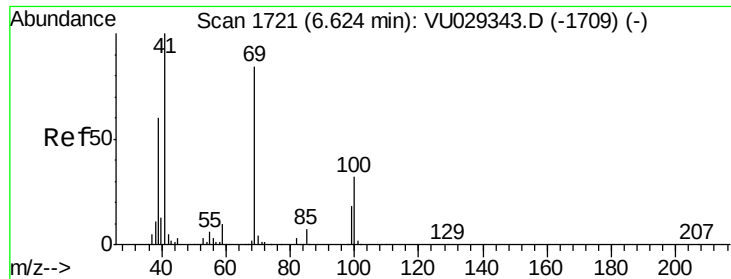
sam
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#46
t-1,4-Dichloro-2-butene
Concen: 3.633 ug/l m
RT: 10.52 min Scan# 2932
Delta R.T. 0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
75	100		
53	71.7	78.2	117.4#
89	55.3	44.2	66.4
88	40.7	41.4	62.2#





#47

Methyl methacrylate

Concen: 4.056 ug/l

RT: 6.63 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

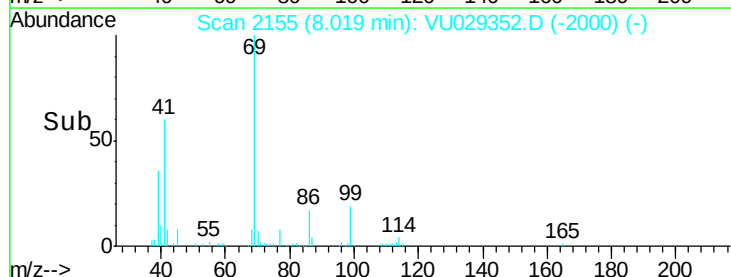
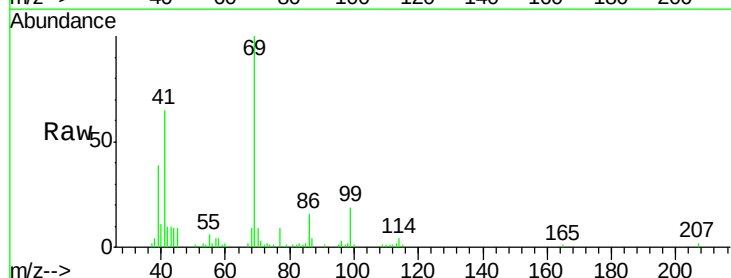
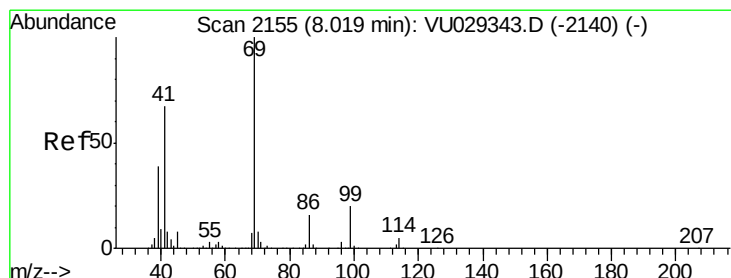
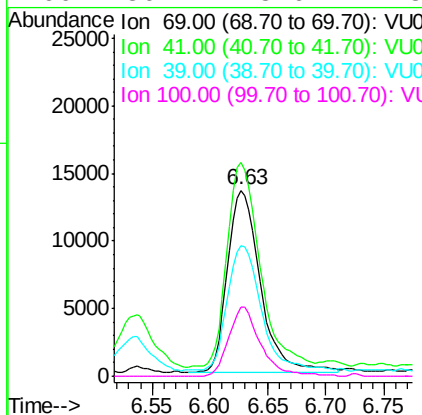
Tot Ion	Ratio	Resp	Lower	Upper
69	100	26608		
41	110.5	0.0	296.2	
39	69.0	71.2	106.8	
100	36.4	28.6	42.8	

Instrument :
MSVOA_U

ClientSampleId :
VU0205WBSD01

Manual Integrations
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#48

Ethyl methacrylate

Concen: 2.054 ug/l

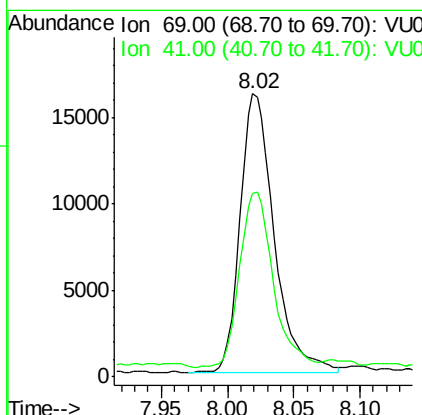
RT: 8.02 min Scan# 2155

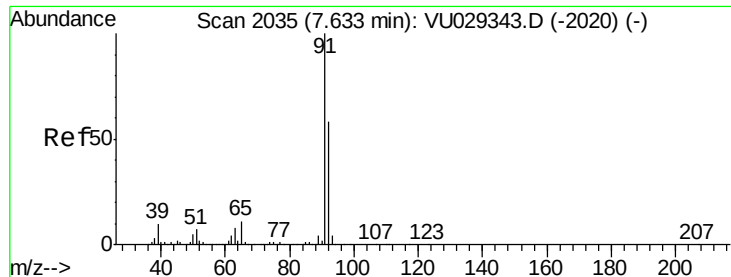
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	28908		
41	61.4	39.9	119.7	





#49

Toluene

Concen: 1.970 ug/l

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion: 92 Resp: 67783

Ion Ratio Lower Upper

92 100

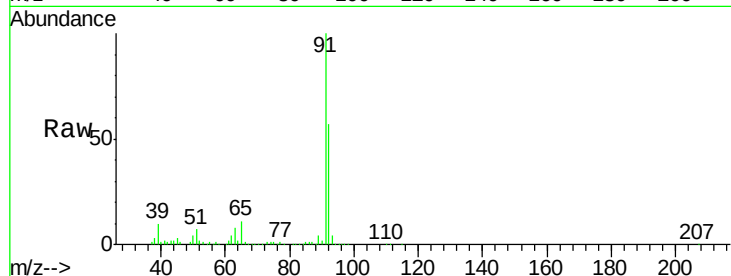
91 176.6 140.7 211.1

Manual Integrations

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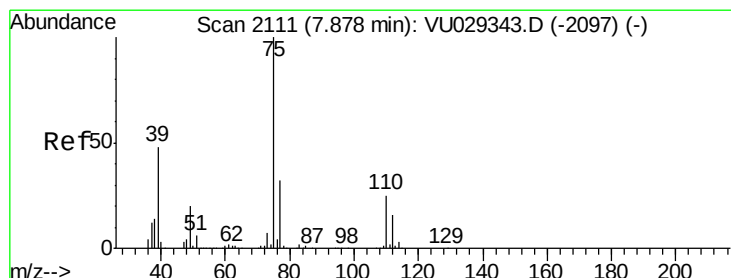
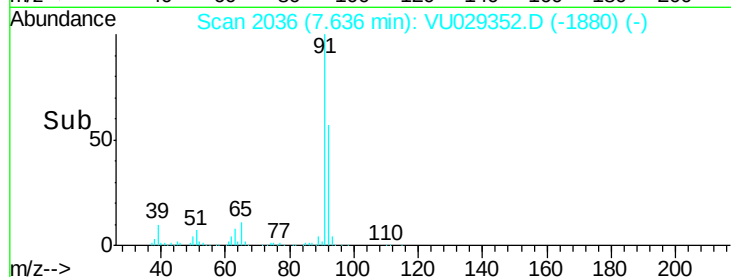
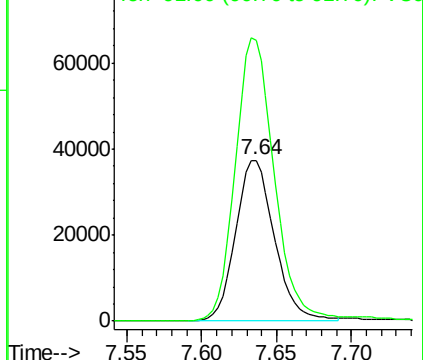
sam

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Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 1.966 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029352.D

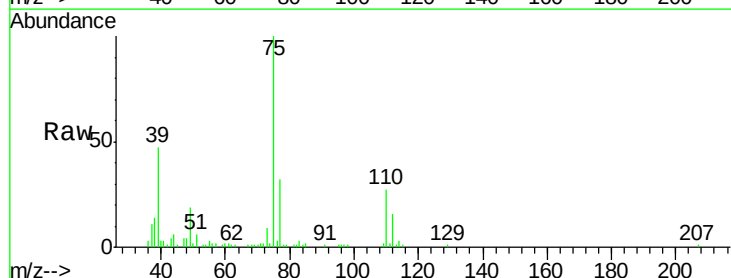
Acq: 05 Feb 2019 17:49

Tgt Ion: 75 Resp: 36612

Ion Ratio Lower Upper

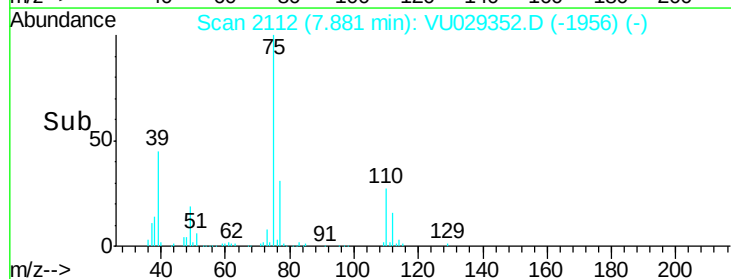
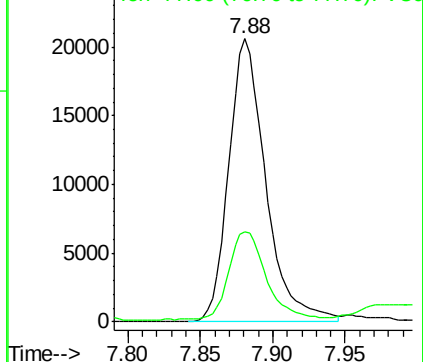
75 100

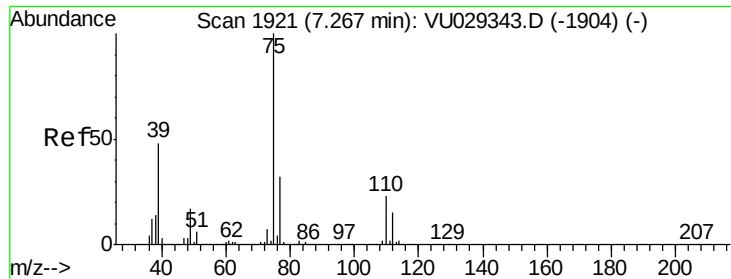
77 31.1 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





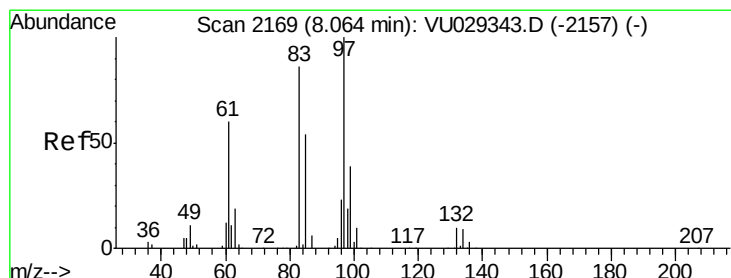
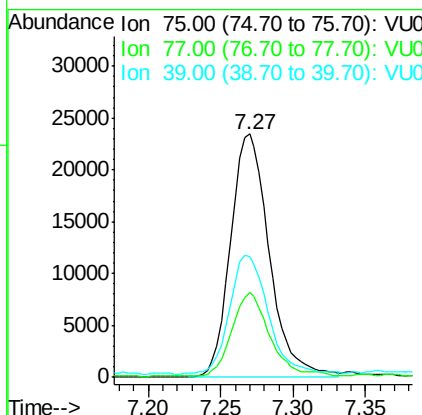
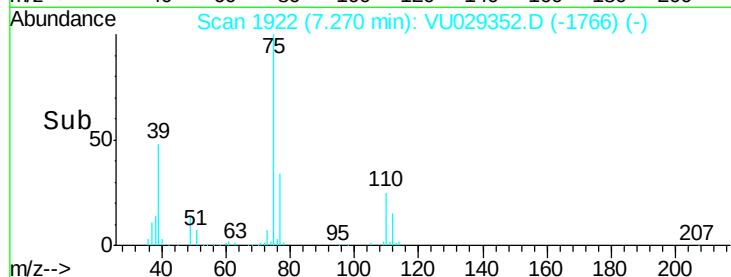
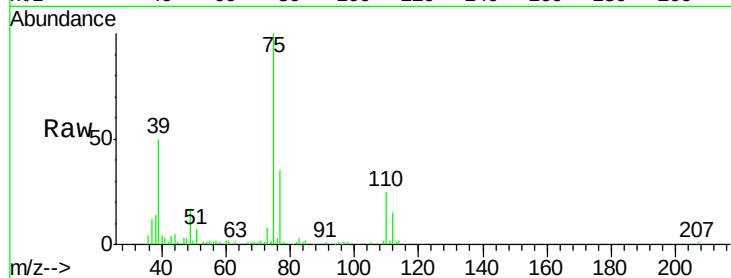
#51
 cis-1,3-Dichloropropene
 Concen: 1.973 ug/l
 RT: 7.27 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VU029352.D
 Acq: 05 Feb 2019 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0205WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.2	24.9	37.3
39	48.1	47.2	70.8

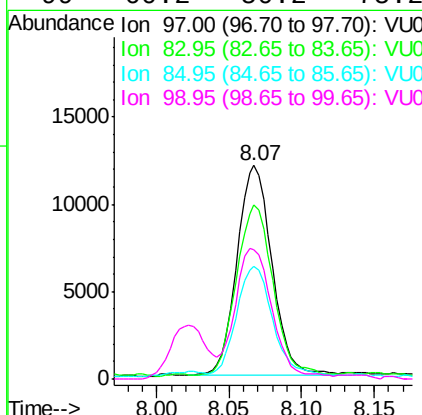
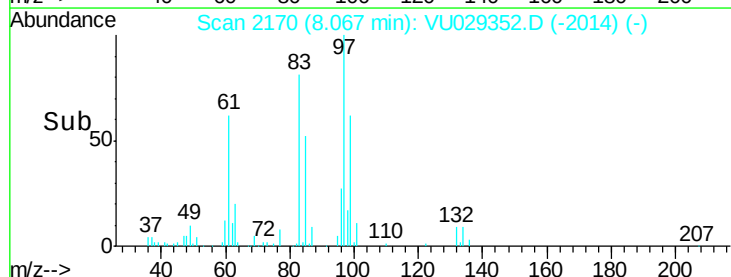
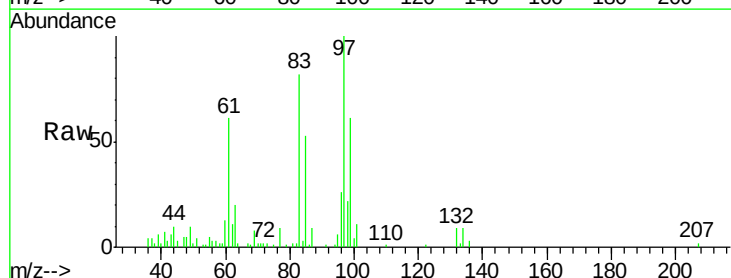
Manual Integrations
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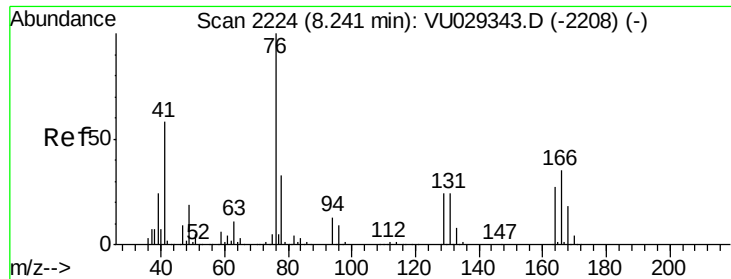
sam
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#52
 1,1,2-Trichloroethane
 Concen: 2.057 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU029352.D
 Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	69.9	104.9
85	51.8	45.8	68.6
99	60.2	50.2	75.2





#53

1,3-Dichloropropane

Concen: 1.979 ug/l

RT: 8.24 min Scan# 2224

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion: 76 Resp: 34313

Ion Ratio Lower Upper

76 100

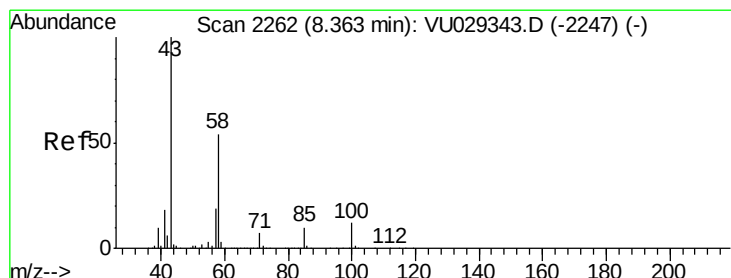
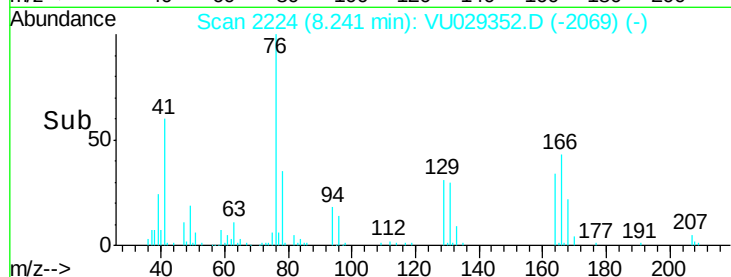
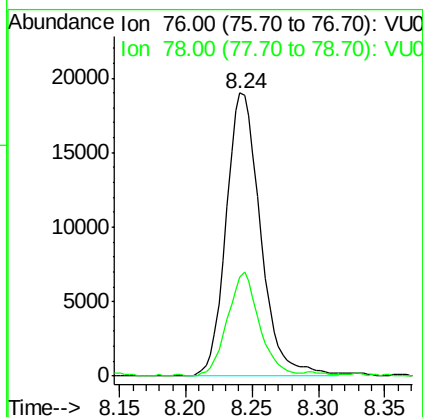
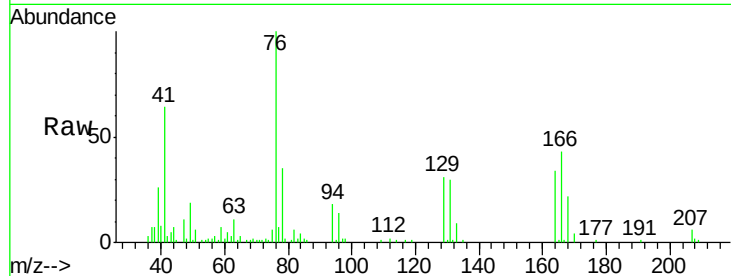
78 34.0 26.3 39.5

Manual Integrations

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#54

2-Hexanone

Concen: 9.800 ug/l

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

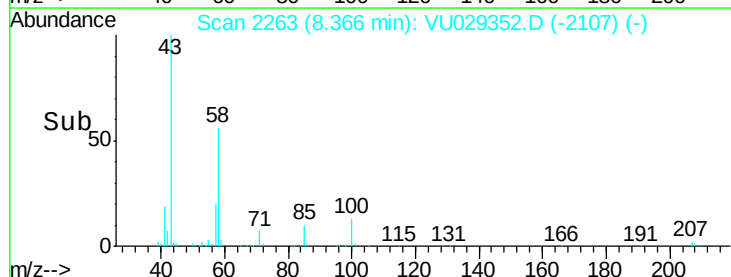
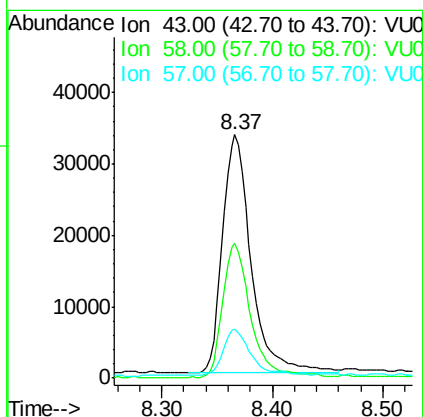
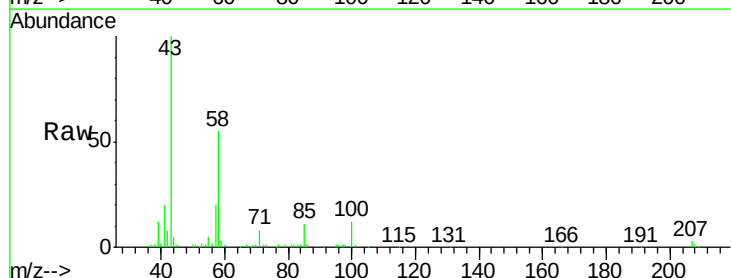
Tgt Ion: 43 Resp: 60038

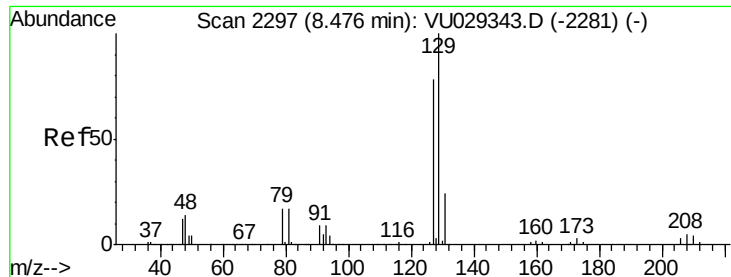
Ion Ratio Lower Upper

43 100

58 56.5 26.0 66.0

57 19.0 0.0 37.7





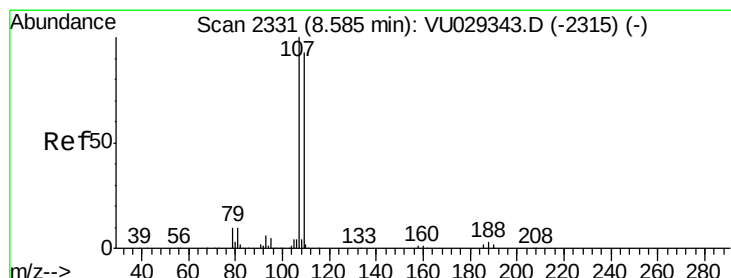
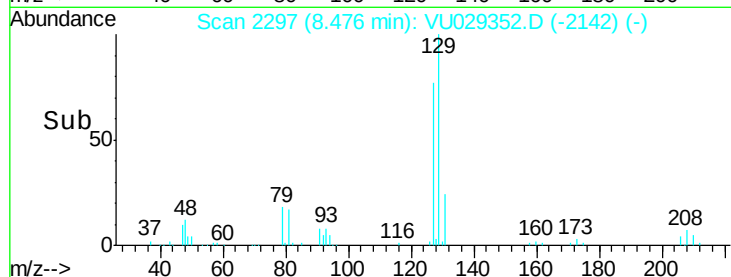
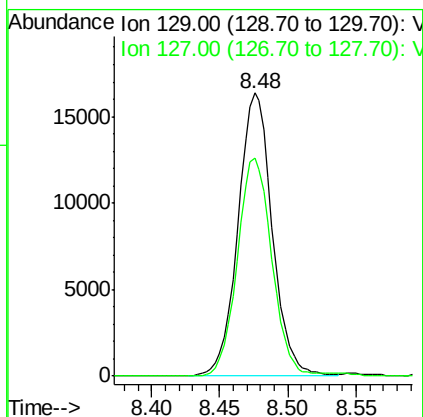
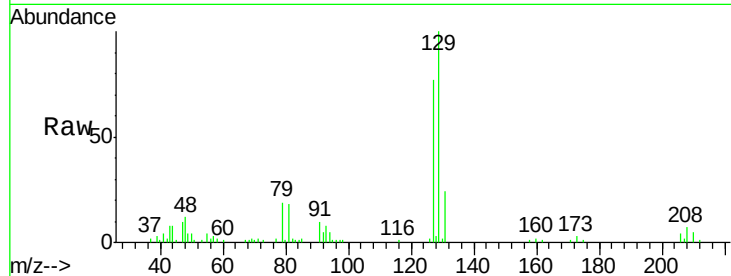
#55
Dibromochloromethane
Concen: 2.031 ug/l
RT: 8.48 min Scan# 2297
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		28487		
127	78.2		60.5	90.7	

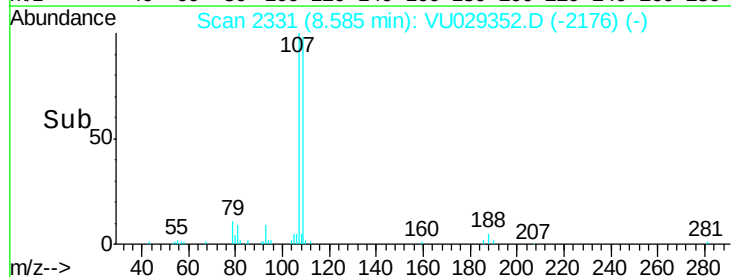
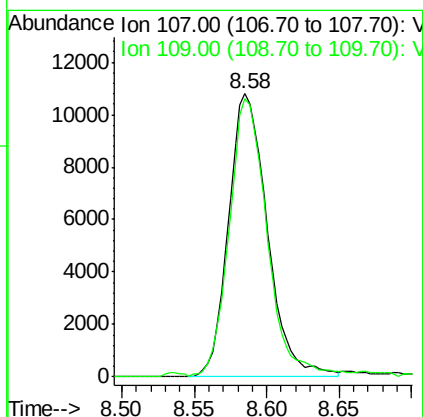
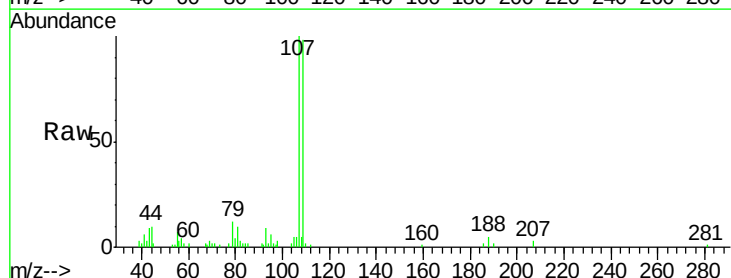
Manual Integrations
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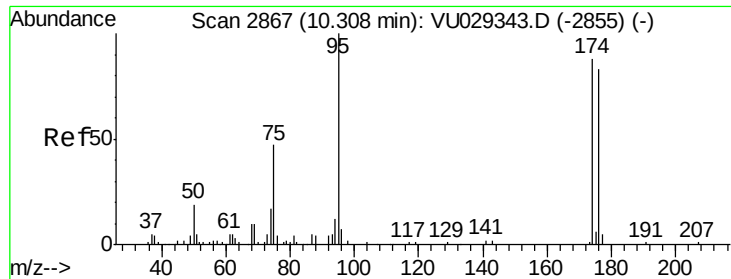
sam
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#56
1,2-Dibromoethane
Concen: 1.987 ug/l
RT: 8.58 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		20126		
109	96.4		0.0	189.6	





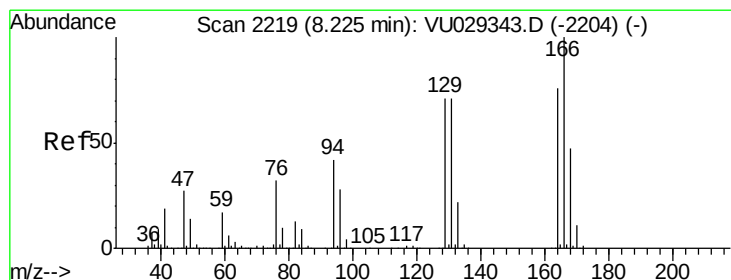
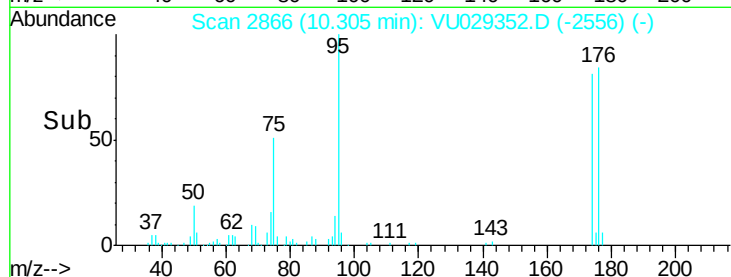
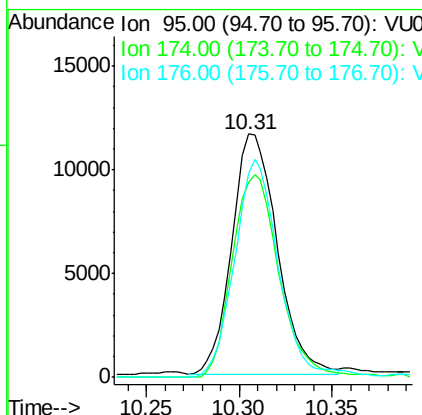
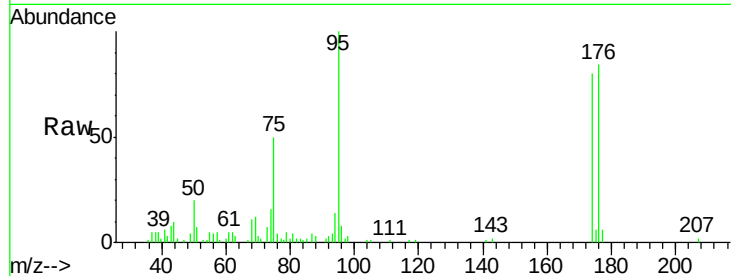
#57
4-Bromofluorobenzene
Concen: 1.987 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion	Ratio	Lower	Upper
95	100		
174	87.3	64.2	96.2
176	87.9	62.3	93.5

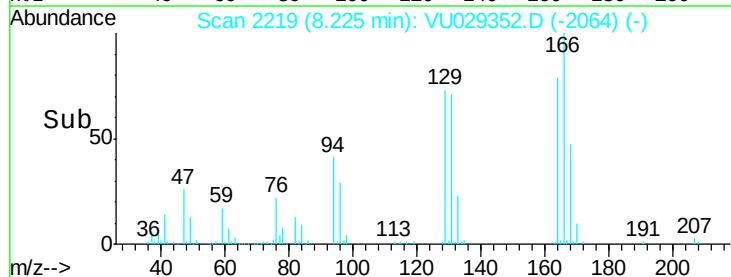
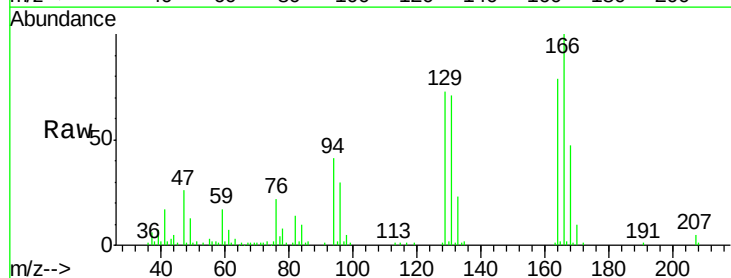
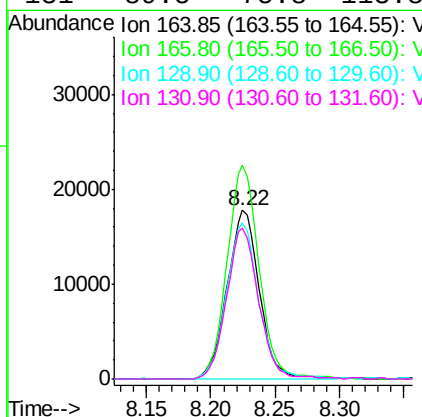
Manual Integrations
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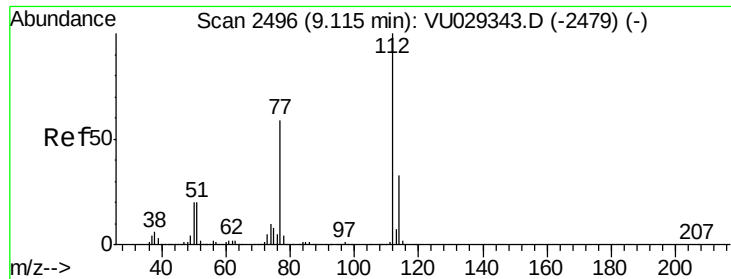
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#58
Tetrachloroethene
Concen: 2.142 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	106.6	159.8
129	92.4	79.9	119.9
131	89.5	75.8	113.8





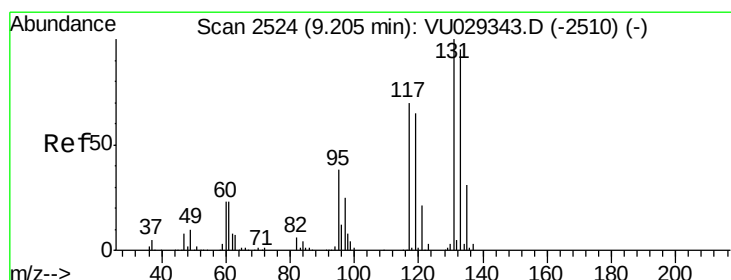
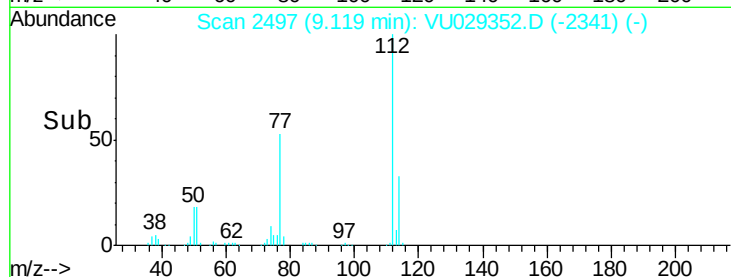
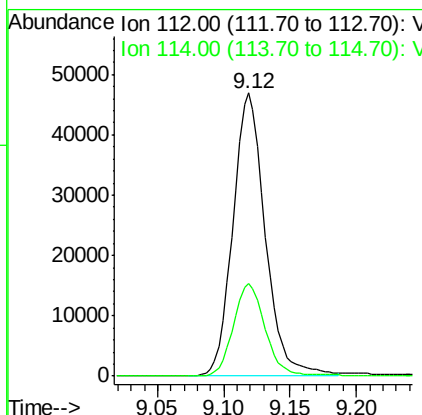
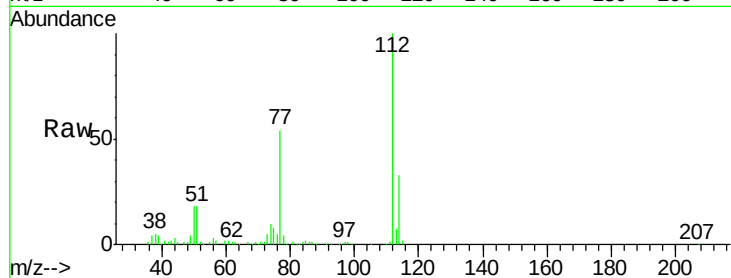
#59
Chlorobenzene
Concen: 2.052 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.2	39.4

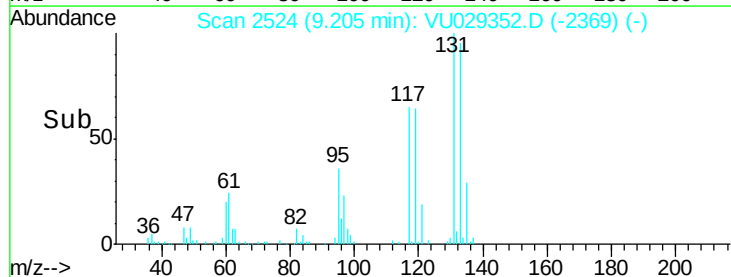
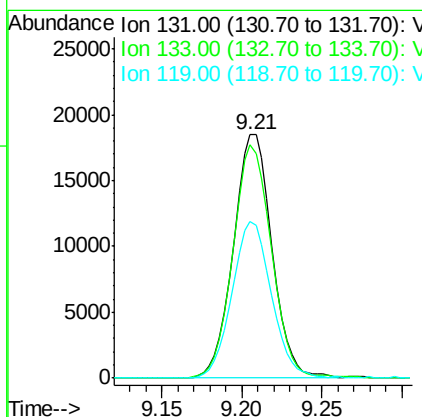
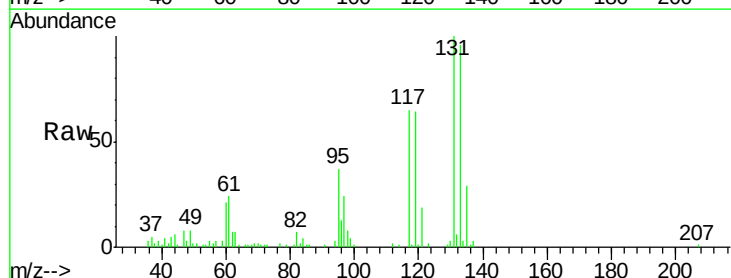
Manual Integrations
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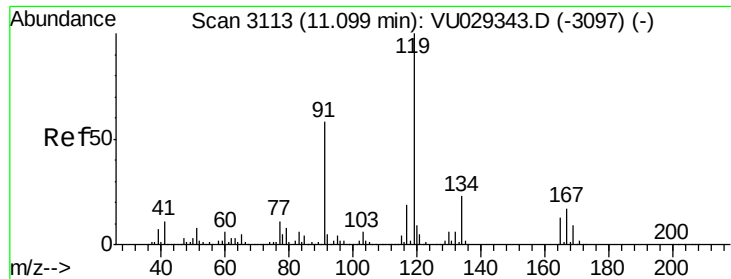
sam
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#60
1,1,1,2-Tetrachloroethane
Concen: 2.120 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	77.3	115.9
119	65.2	48.9	73.3





#61

Pentachloroethane

Concen: 2.041 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion:117 Resp: 22663

Ion Ratio Lower Upper

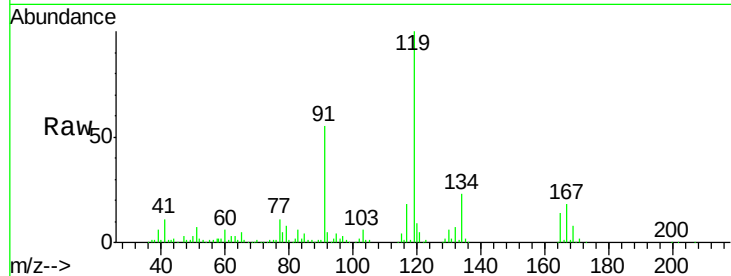
117 100

167 96.0 65.9 98.9

Manual Integrations
APPROVED

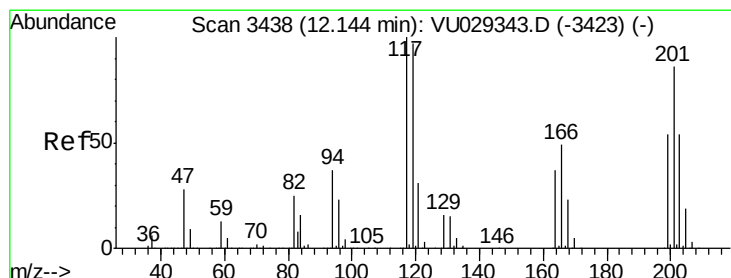
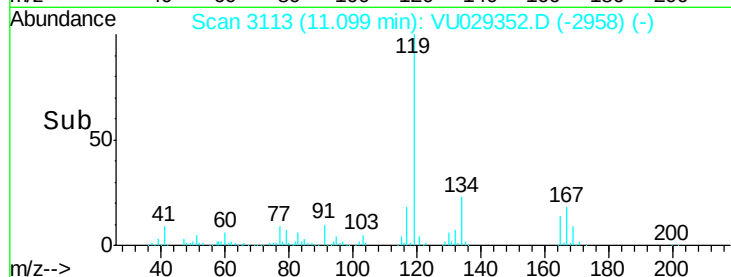
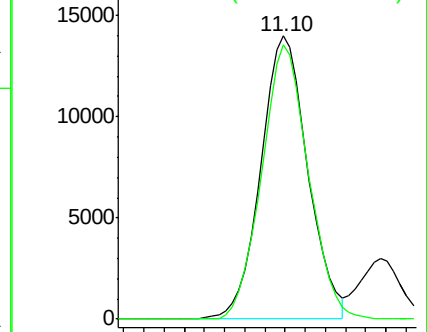
sam

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.992 ug/l

RT: 12.14 min Scan# 3438

Delta R.T. -0.00 min

Lab File: VU029352.D

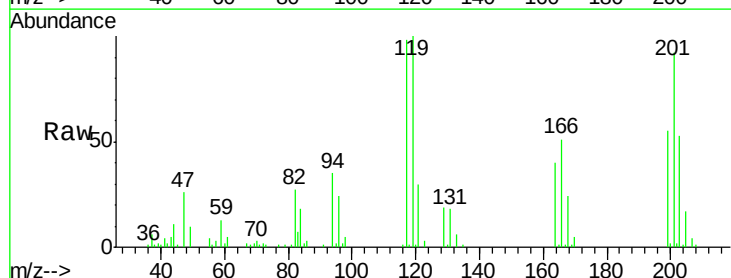
Acq: 05 Feb 2019 17:49

Tgt Ion:117 Resp: 24134

Ion Ratio Lower Upper

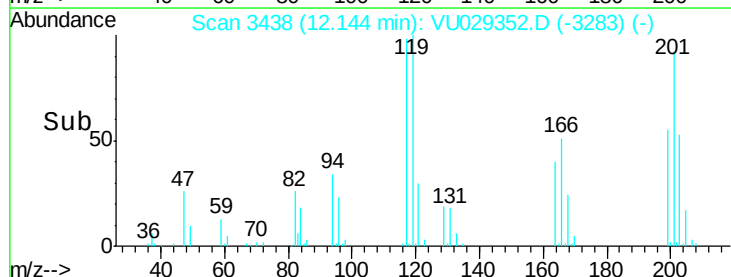
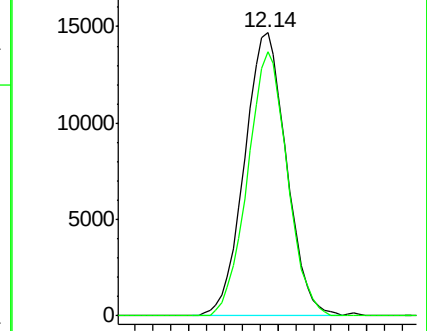
117 100

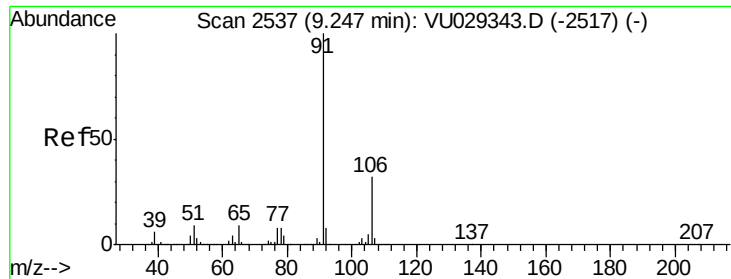
201 88.3 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





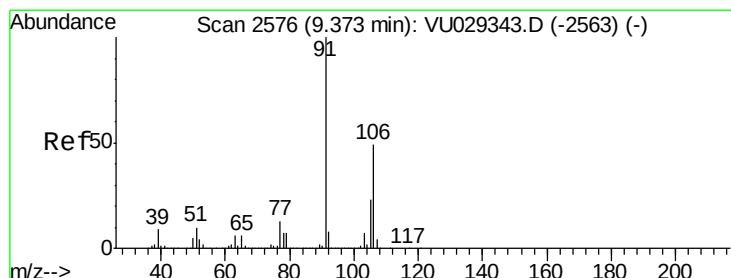
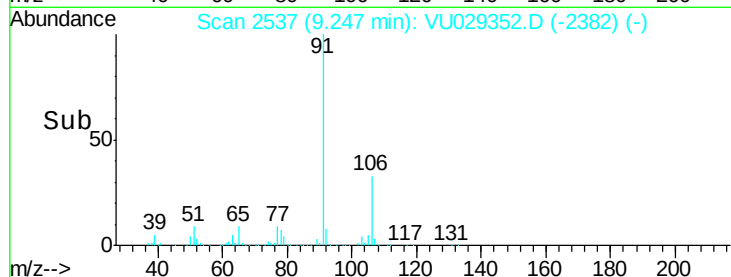
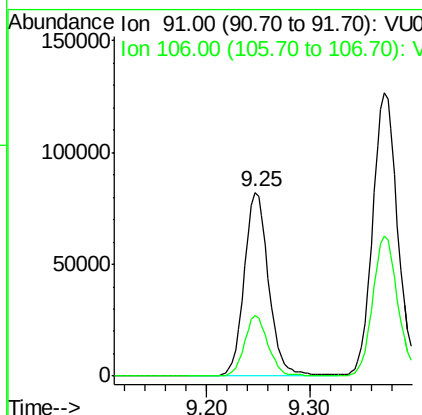
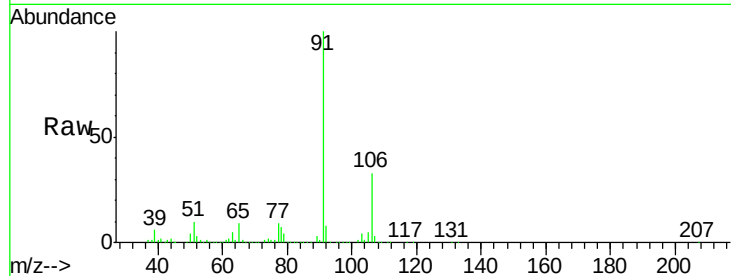
#63
Ethyl Benzene
Concen: 2.024 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion: 91 Resp: 136293
Ion Ratio Lower Upper
91 100
106 32.7 23.8 35.6

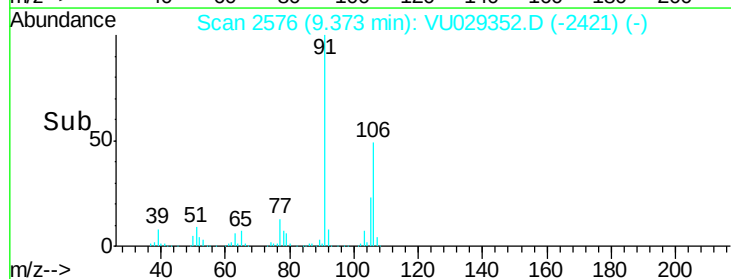
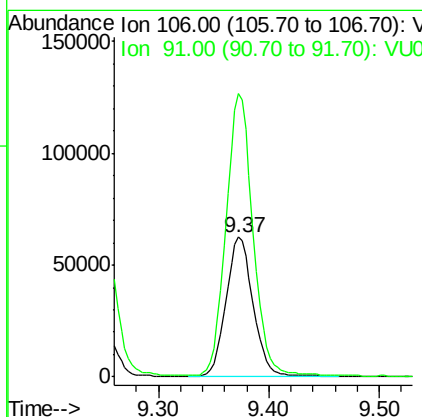
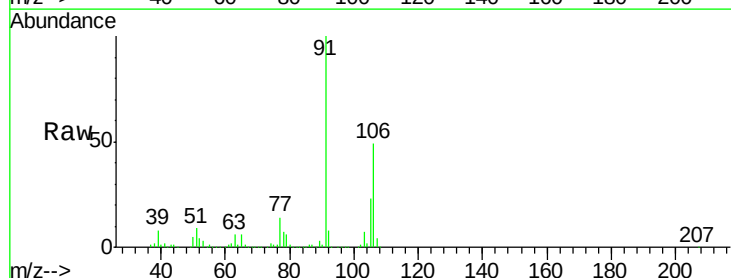
Manual Integrations
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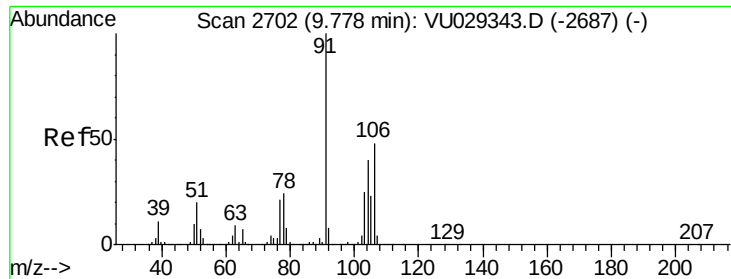
sam
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#64
m/p-Xylenes
Concen: 4.058 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion: 106 Resp: 106184
Ion Ratio Lower Upper
106 100
91 201.3 174.6 261.8





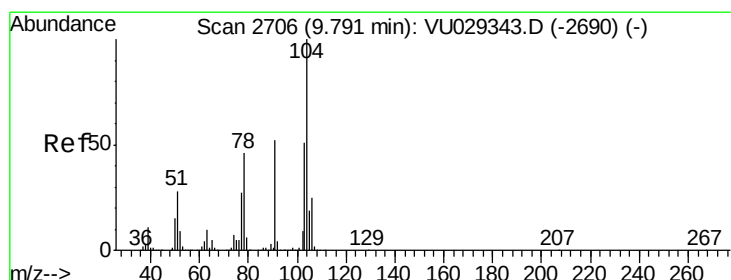
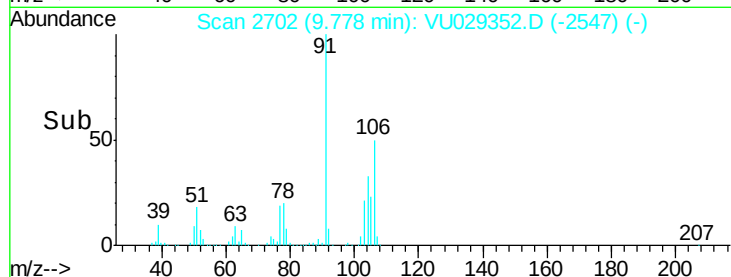
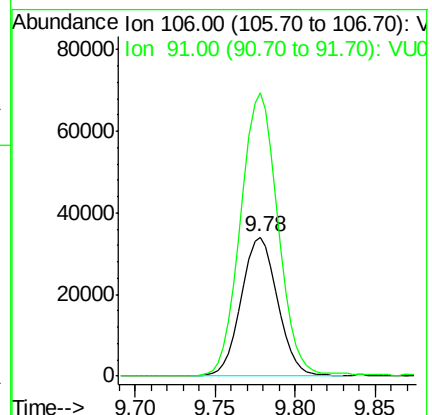
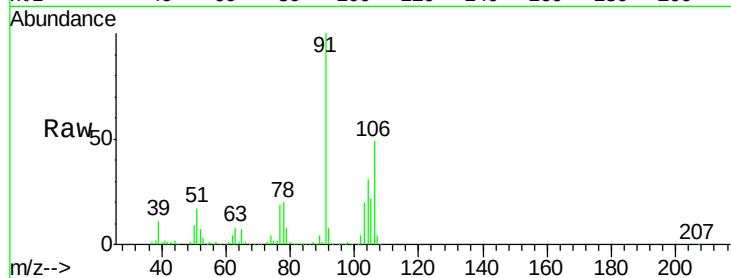
#65
o-Xylene
Concen: 2.061 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion:106 Resp: 52929
Ion Ratio Lower Upper
106 100
91 207.7 114.5 343.4

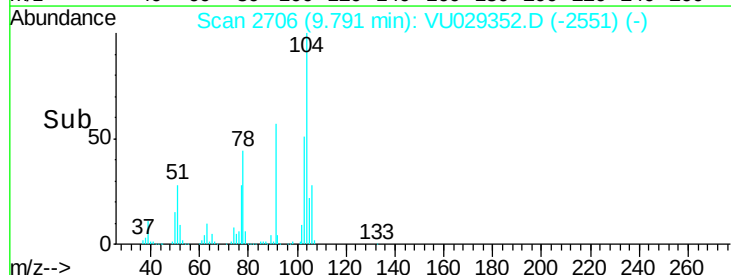
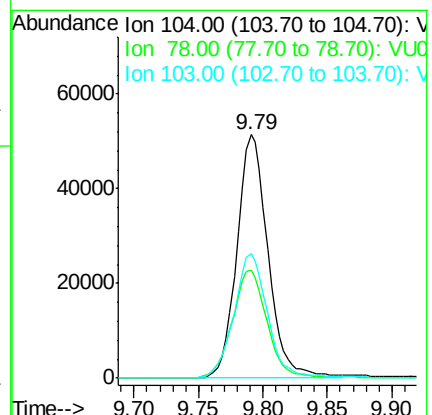
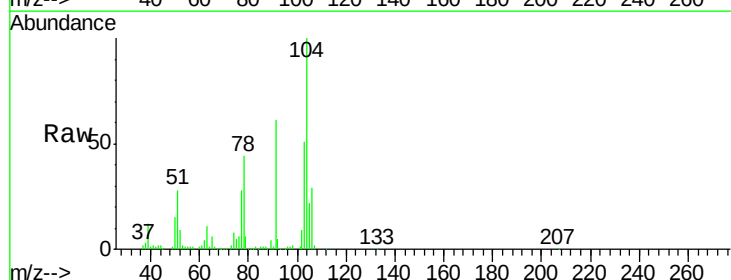
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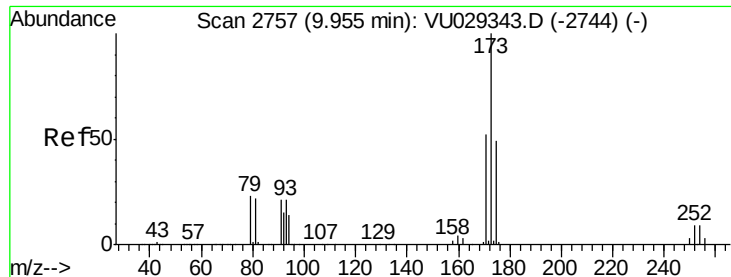
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#66
Styrene
Concen: 2.015 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion:104 Resp: 86250
Ion Ratio Lower Upper
104 100
78 49.2 46.5 69.7
103 55.2 44.7 67.1





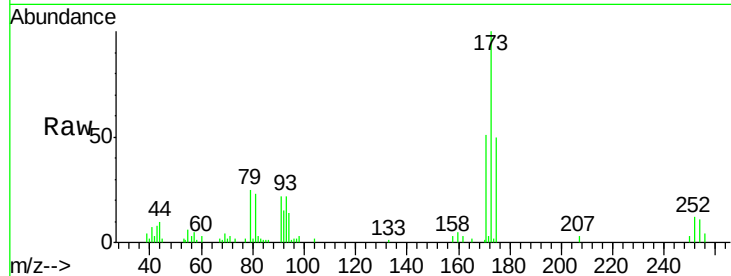
#67
Bromoform
Concen: 2.067 ug/l
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

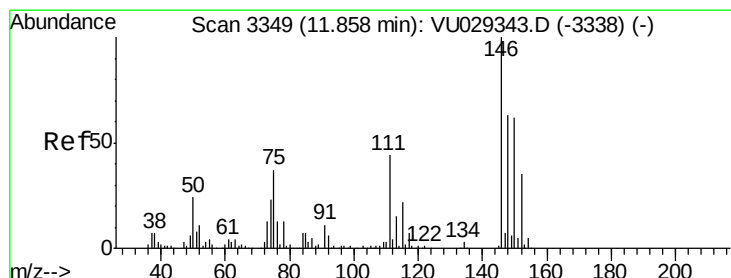
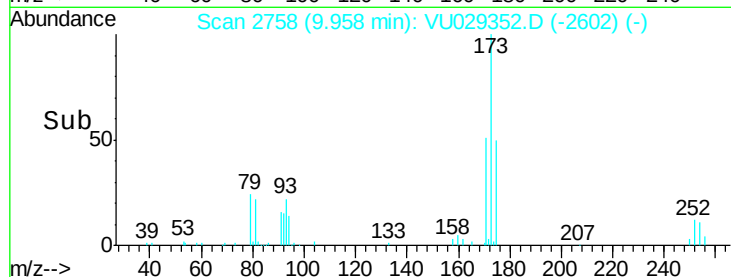
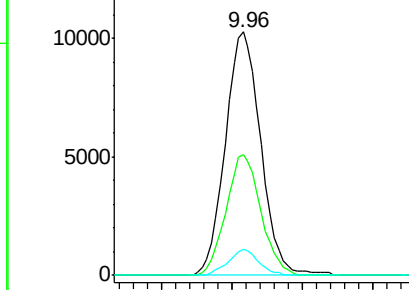
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.9	58.3
254	9.1	7.4	11.2

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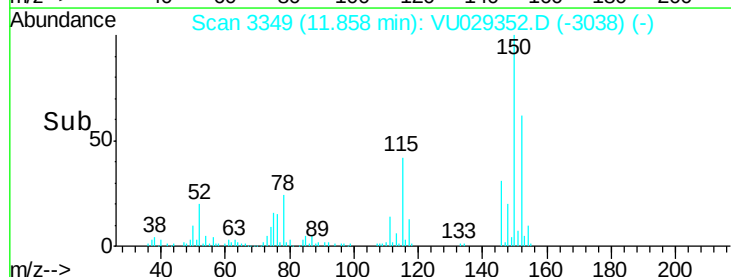
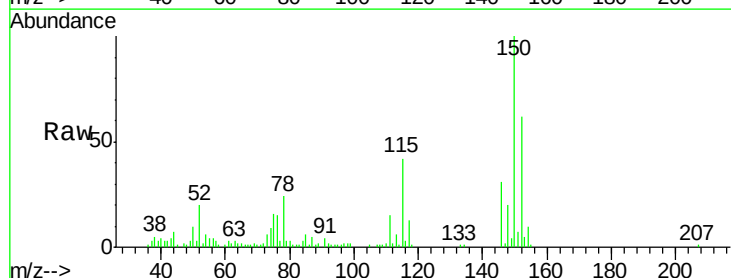
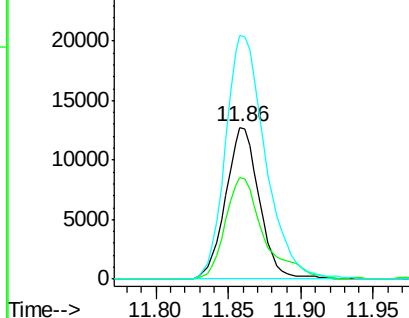
Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

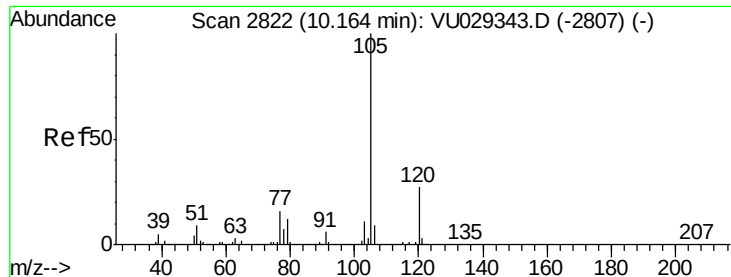


#68
1,2-Dichlorobenzene-d4
Concen: 2.067 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.1	0.0	133.4
150	190.5	0.0	670.8

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





#69

Isopropylbenzene

Concen: 2.055 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion:105 Resp: 140977

Ion Ratio Lower Upper

105 100

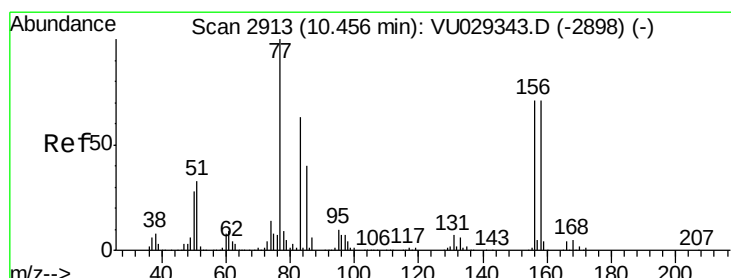
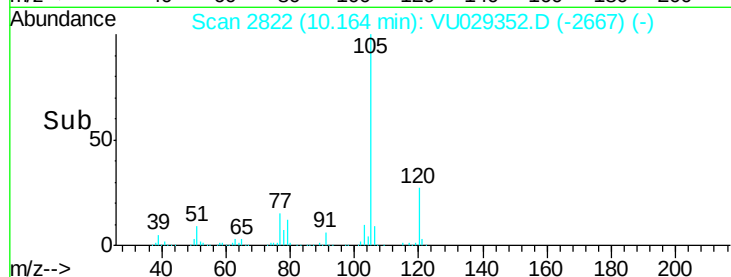
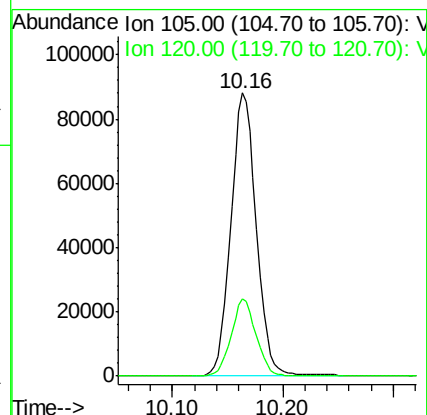
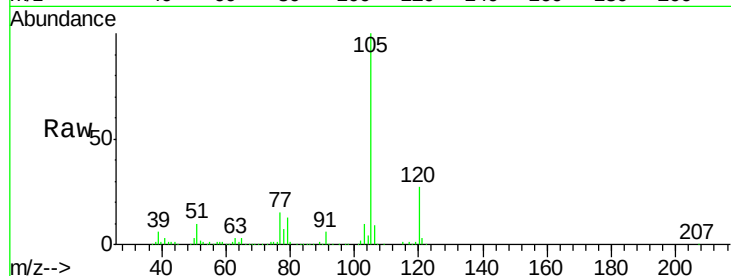
120 26.5 12.6 37.6

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#70

1,1,2,2-Tetrachloroethane

Concen: 2.046 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

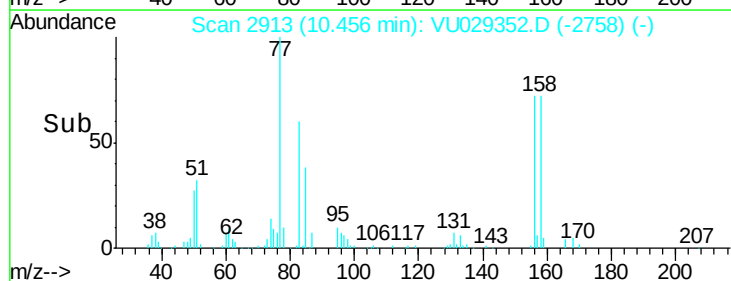
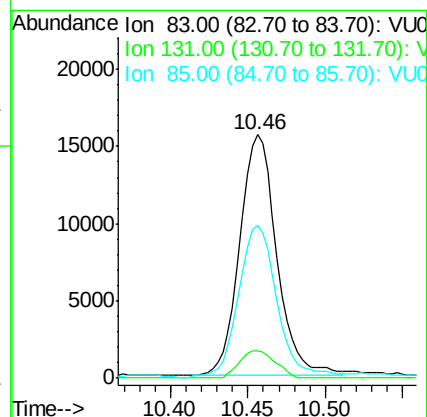
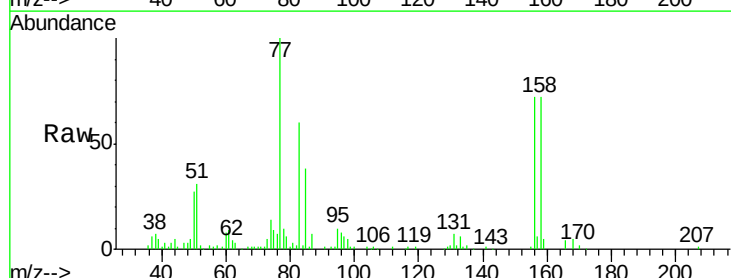
Tgt Ion: 83 Resp: 25882

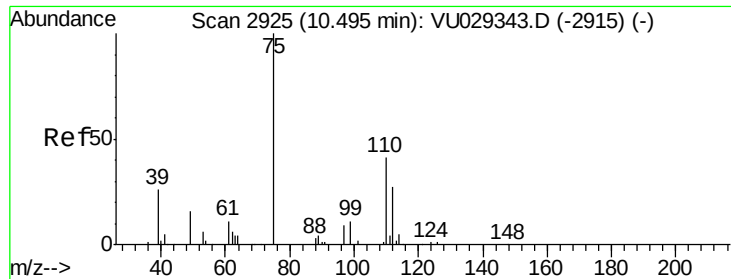
Ion Ratio Lower Upper

83 100

131 10.9 8.1 12.1

85 67.0 50.3 75.5





#71

1,2,3-Trichloropropane

Concen: 2.131 ug/l m

RT: 10.49 min Scan# 2925

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

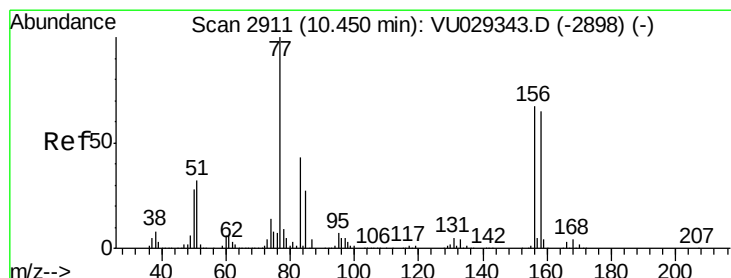
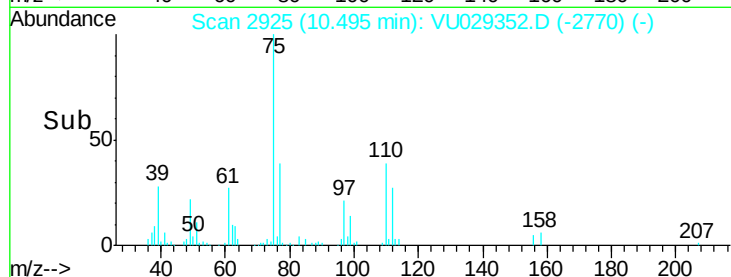
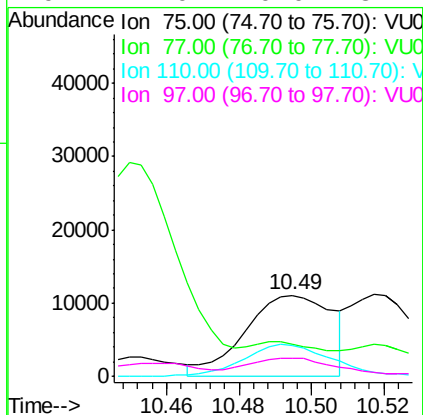
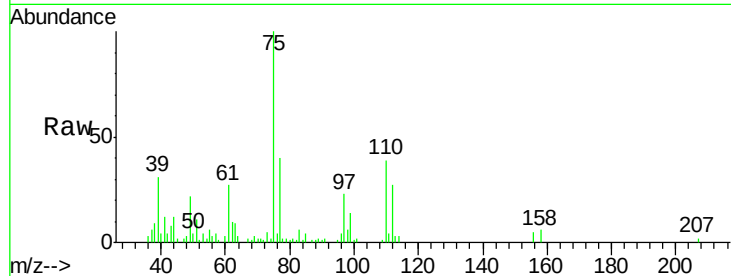
ClientSampleId :

VU0205WBSD01

Tot Ion	Ion	Ratio	Resp:	Lower	Upper
75	100		18510		
77	9.5	0.0	0.0#		
110	40.7	0.0	63.6		
97	22.0	0.0	31.4		

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#72

Bromobenzene

Concen: 2.120 ug/l

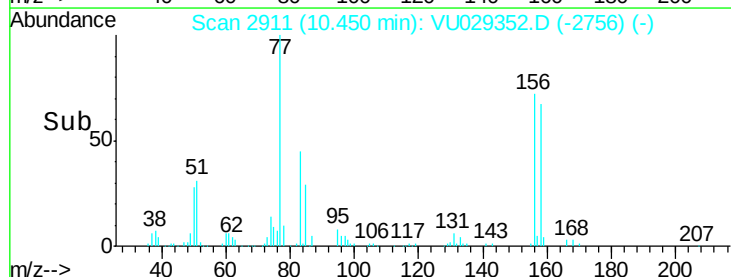
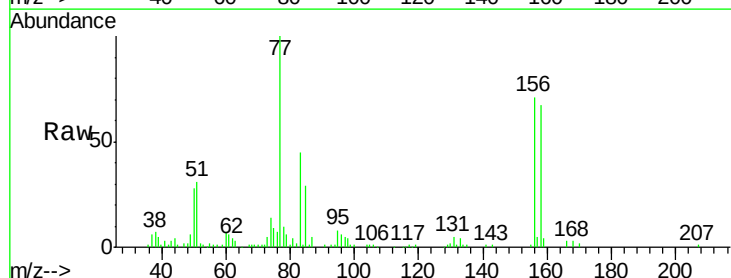
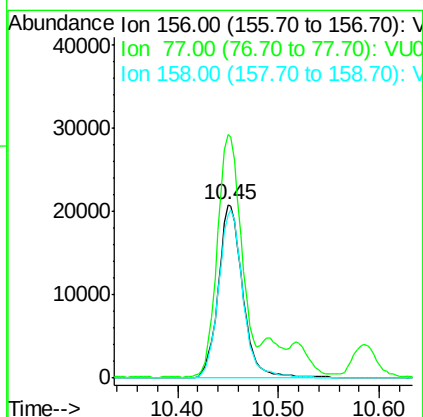
RT: 10.45 min Scan# 2911

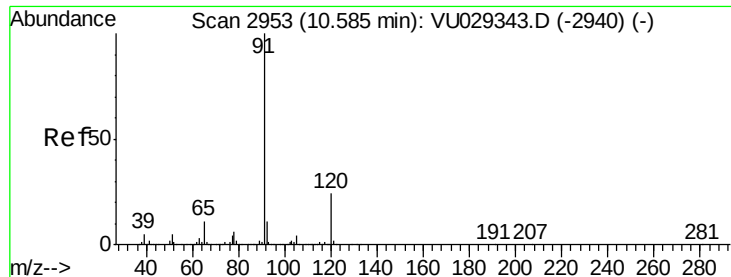
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion	Ion	Ratio	Resp:	Lower	Upper
156	100		35265		
77	138.0	0.0	343.8		
158	95.8	0.0	195.0		





#73

n-propylbenzene

Concen: 2.069 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion:120 Resp: 39542

Ion Ratio Lower Upper

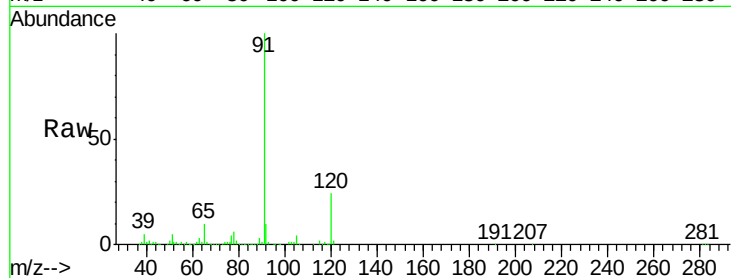
120 100

91 410.2 370.0 555.0

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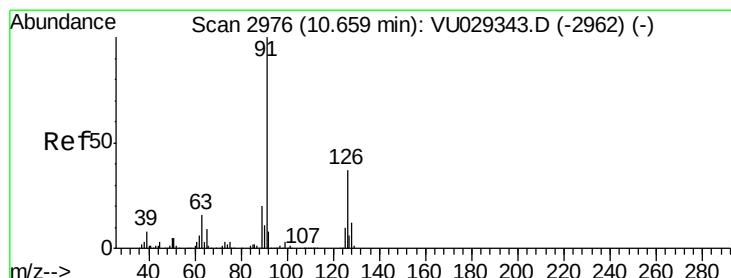
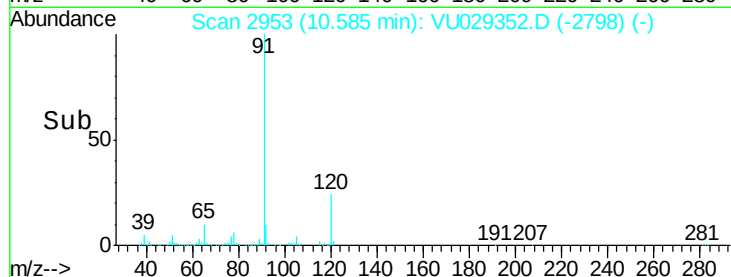
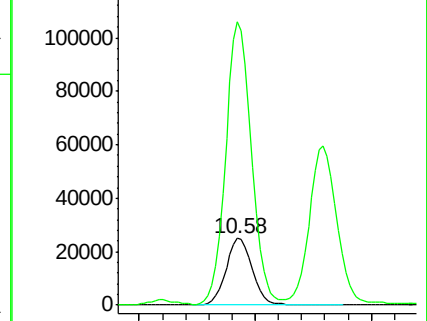
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.115 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. -0.00 min

Lab File: VU029352.D

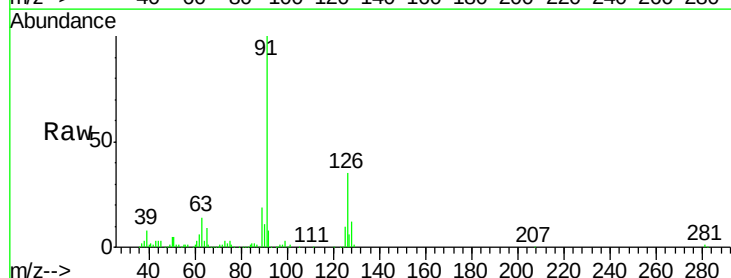
Acq: 05 Feb 2019 17:49

Tgt Ion:126 Resp: 34425

Ion Ratio Lower Upper

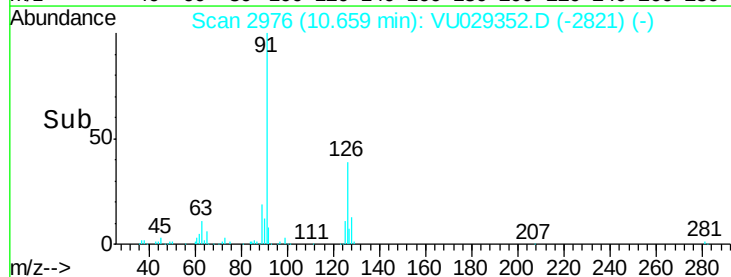
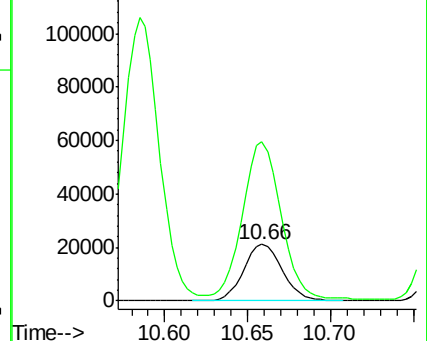
126 100

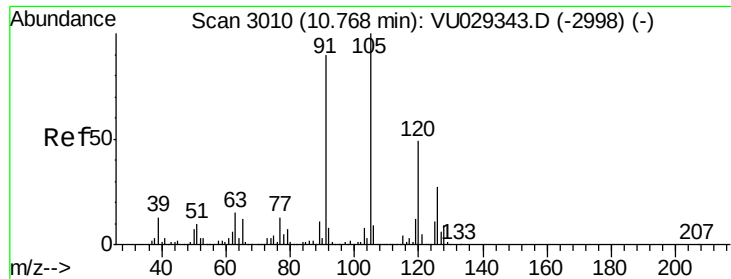
91 280.7 0.0 643.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 2.034 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion:105 Resp: 120332

Ion Ratio Lower Upper

105 100

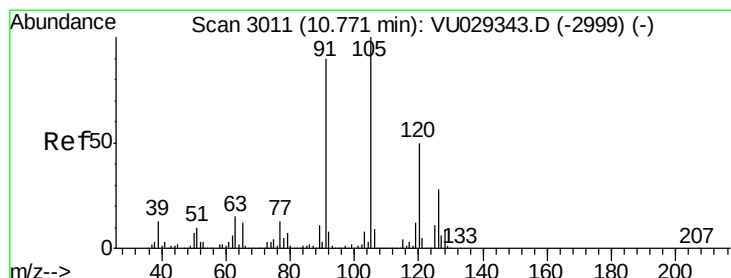
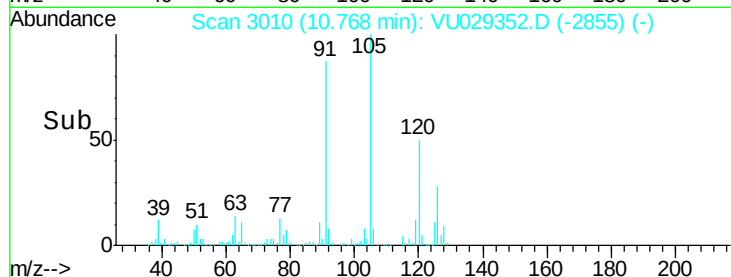
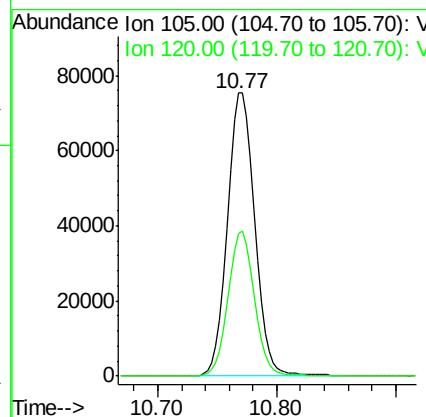
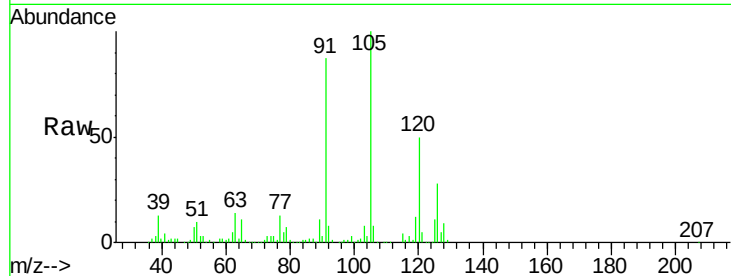
120 49.4 37.3 55.9

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#76

4-Chlorotoluene

Concen: 1.994 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. -0.00 min

Lab File: VU029352.D

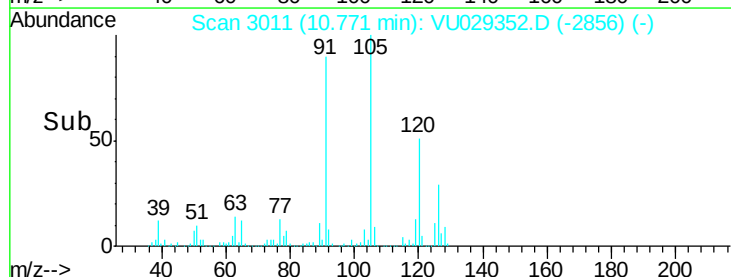
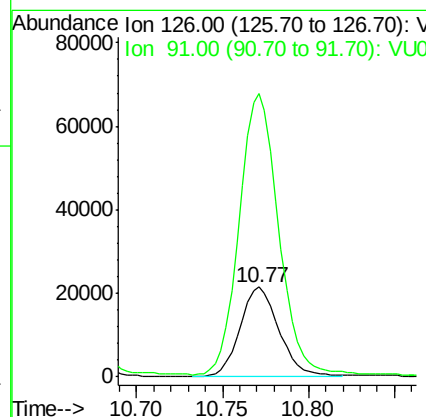
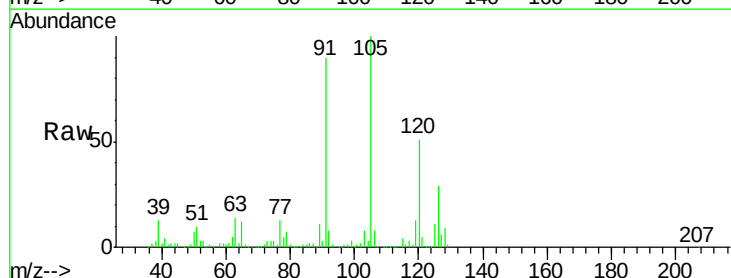
Acq: 05 Feb 2019 17:49

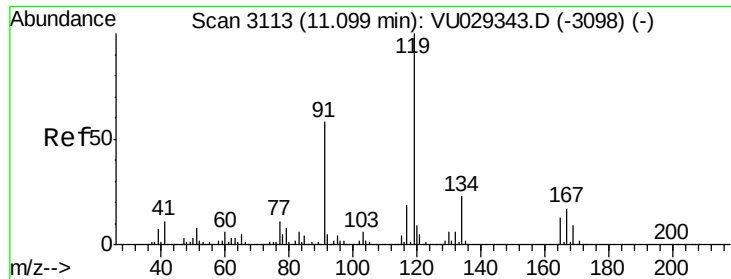
Tgt Ion:126 Resp: 33678

Ion Ratio Lower Upper

126 100

91 320.1 0.0 727.4





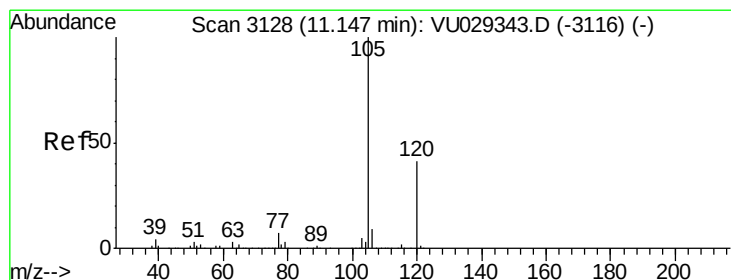
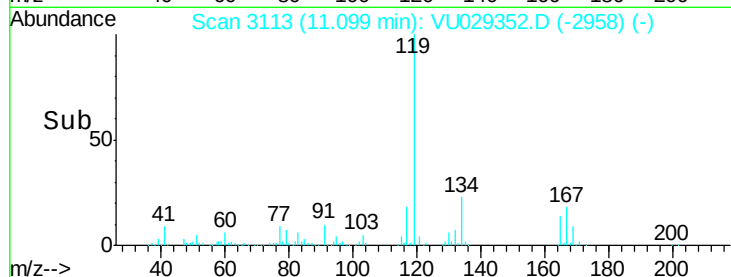
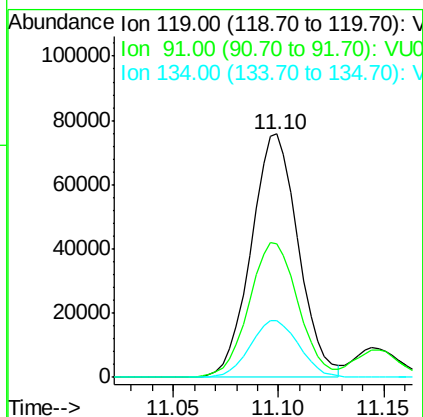
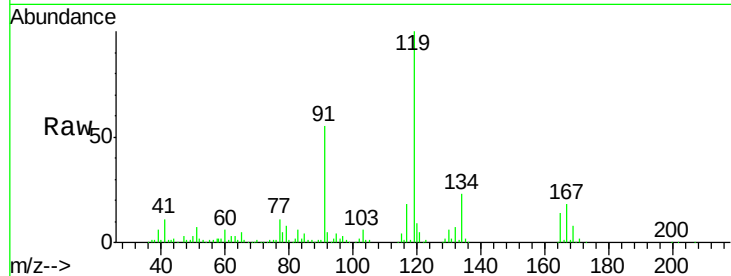
#77
 tert-Butylbenzene
 Concen: 2.018 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: VU029352.D
 Acq: 05 Feb 2019 17:49

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	117984		
91	57.2		32.2	96.6
134	23.9		17.6	26.4

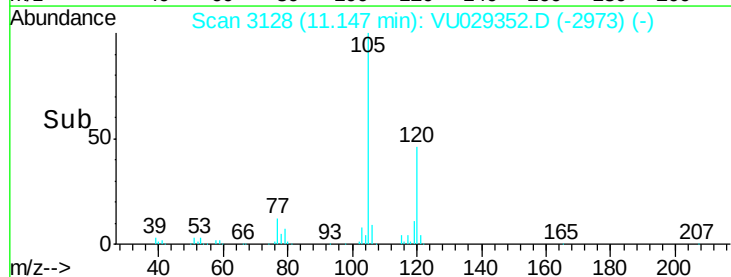
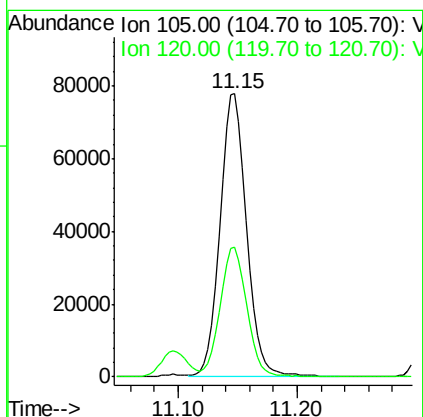
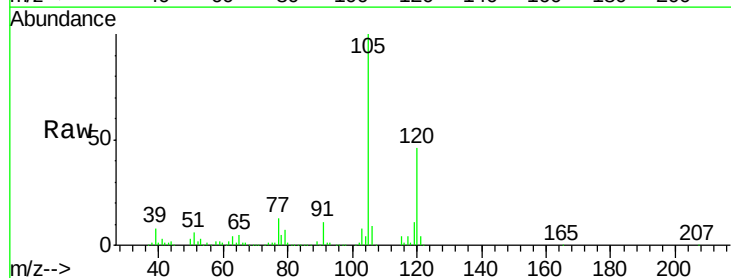
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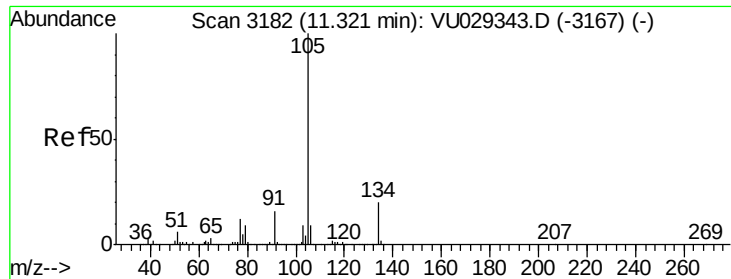
sam
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#78
 1,2,4-Trimethylbenzene
 Concen: 1.989 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: VU029352.D
 Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	119126		
120	46.5		21.4	64.3





#79

sec-Butylbenzene

Concen: 2.001 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

VU0205WBSD01

Tot Ion: 105 Resp: 153095

Ion Ratio Lower Upper

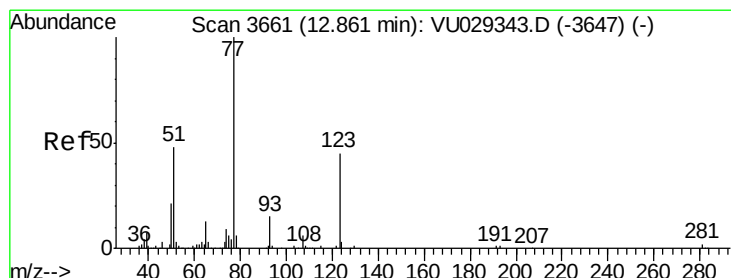
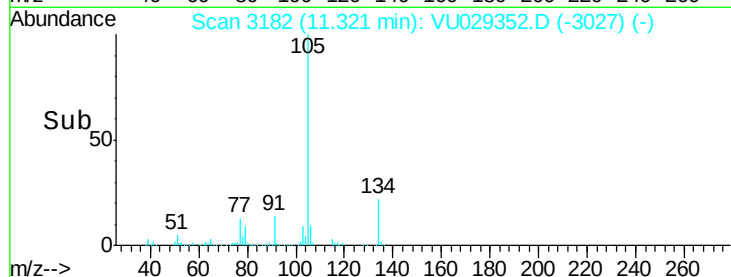
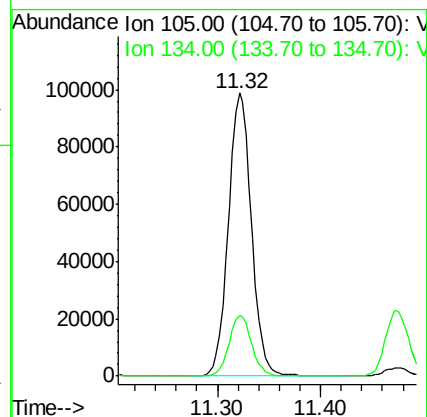
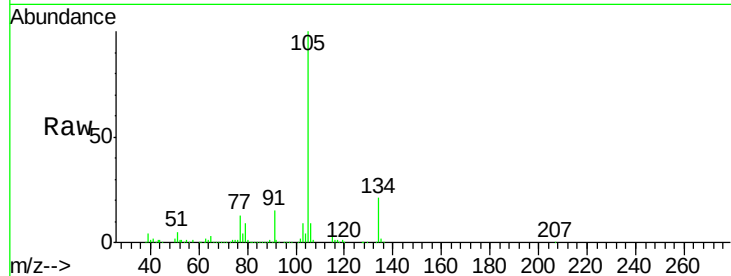
105 100

134 21.1 15.0 22.6

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#80

Nitrobenzene

Concen: 6.747 ug/l

RT: 12.87 min Scan# 3664

Delta R.T. 0.01 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

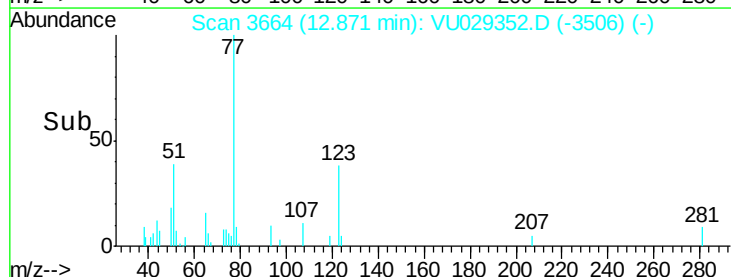
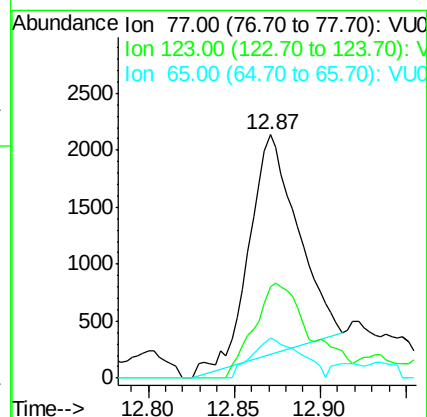
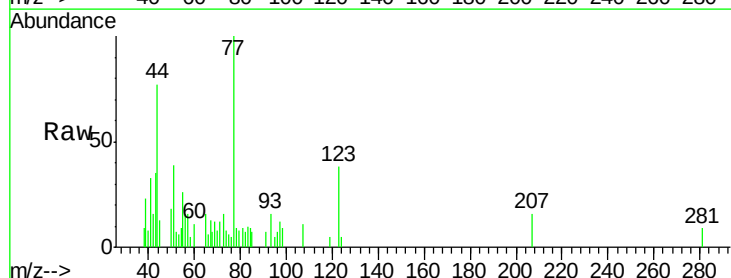
Tgt Ion: 77 Resp: 3803

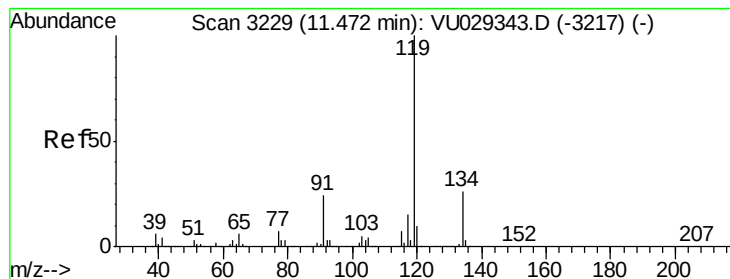
Ion Ratio Lower Upper

77 100

123 42.9 17.5 61.9

65 18.0 10.8 13.8#





#81

p-Isopropyltoluene

Concen: 2.020 ug/l

RT: 11.47 min Scan# 3229

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

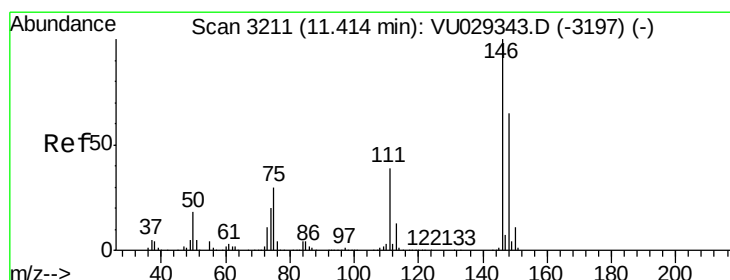
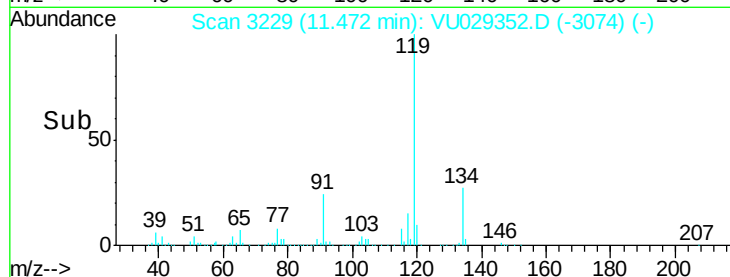
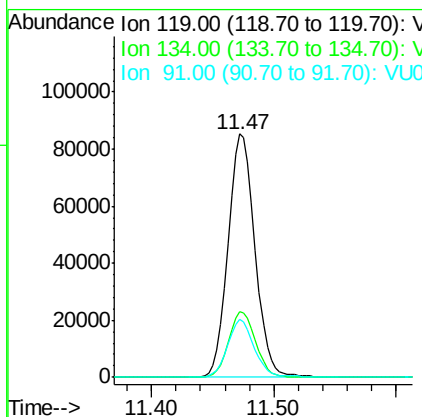
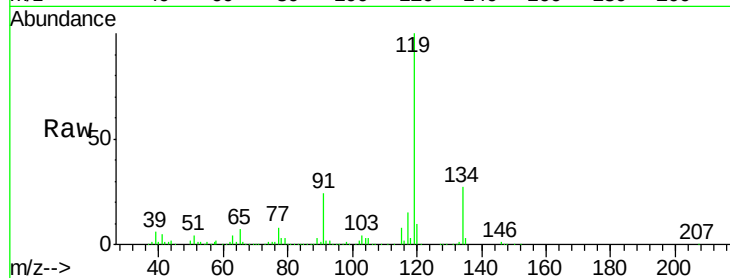
ClientSampleId :

VU0205WBSD01

Tot Ion:	119	Resp:	131001
Ion Ratio	Lower	Upper	
119	100		
134	27.3	19.8	29.6
91	23.2	21.5	32.3

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#82

1,3-Dichlorobenzene

Concen: 2.053 ug/l

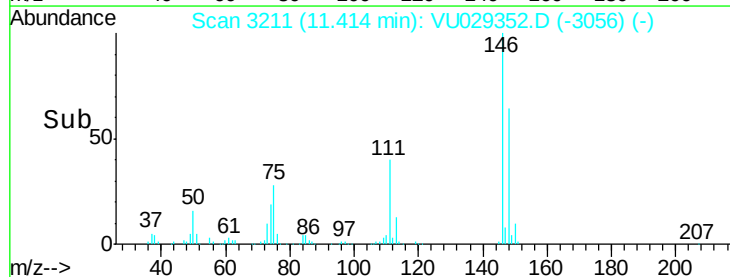
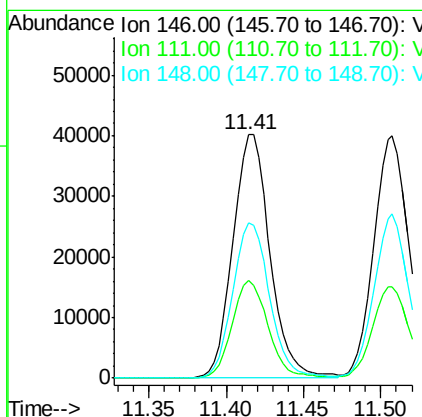
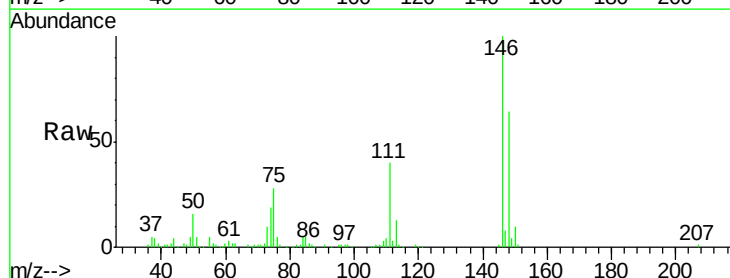
RT: 11.41 min Scan# 3211

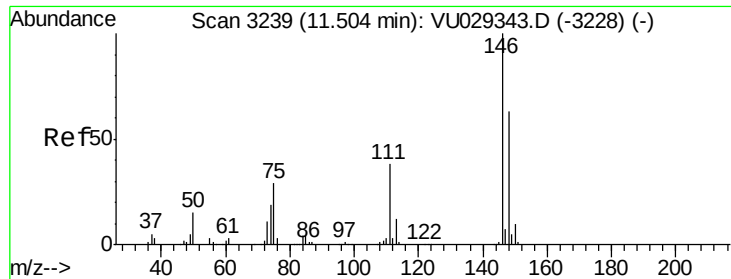
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion:	146	Resp:	67003
Ion Ratio	Lower	Upper	
146	100		
111	38.0	34.1	51.1
148	63.5	52.3	78.5





#83

1,4-Dichlorobenzene

Concen: 2.004 ug/l

RT: 11.51 min Scan# 3240

Delta R.T. 0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

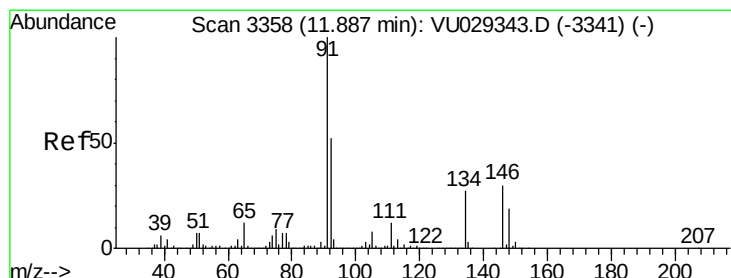
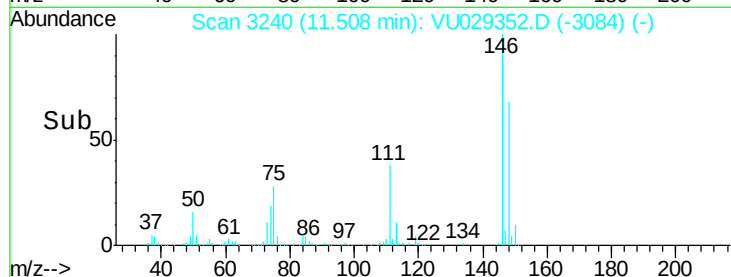
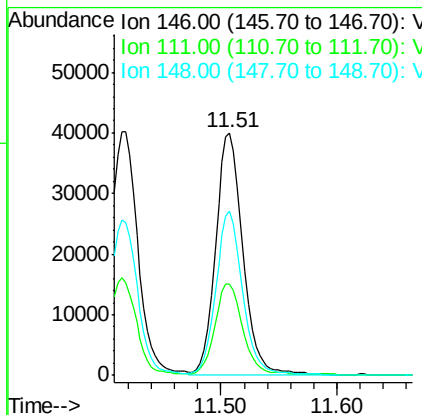
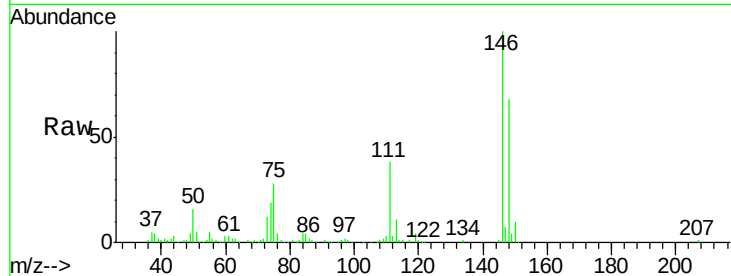
ClientSampled :

VU0205WBSD01

Tot Ion:	146	Resp:	65132
Ion	Ratio	Lower	Upper
146	100		
111	38.2	32.9	49.3
148	67.4	51.8	77.6

Manual Integrations
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#84

n-Butylbenzene

Concen: 1.954 ug/l

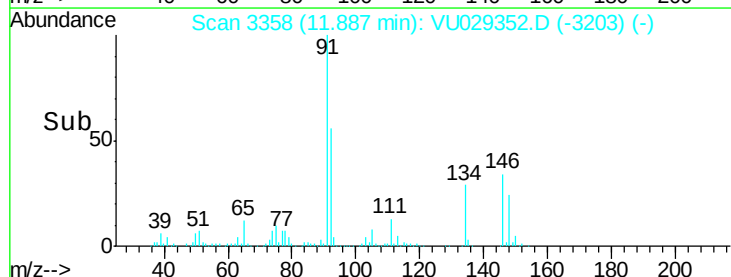
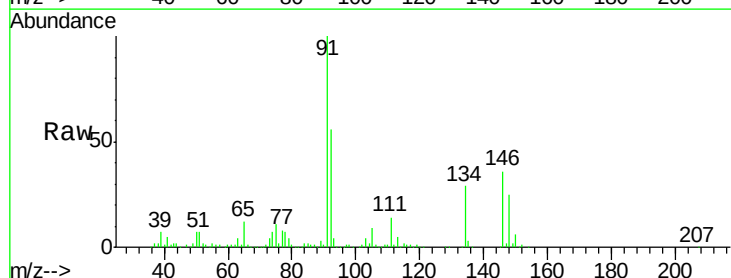
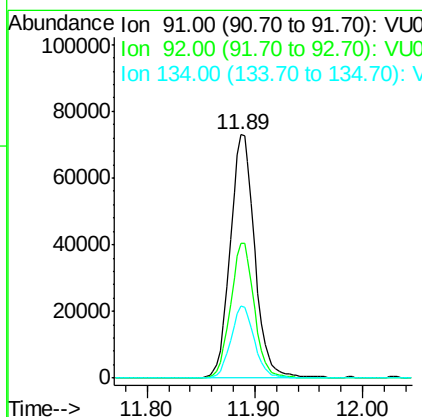
RT: 11.89 min Scan# 3358

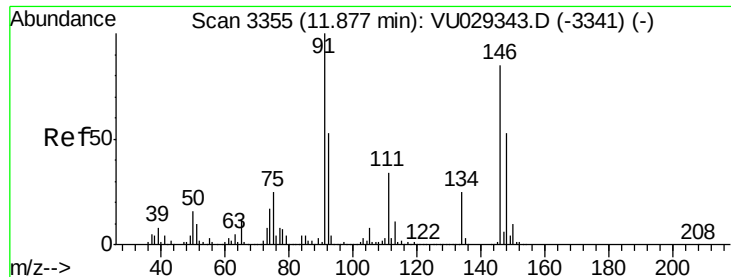
Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Tgt Ion:	91	Resp:	116276
Ion	Ratio	Lower	Upper
91	100		
92	53.7	41.0	61.6
134	28.3	19.1	28.7





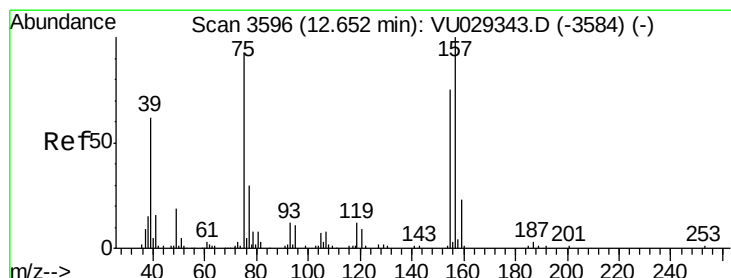
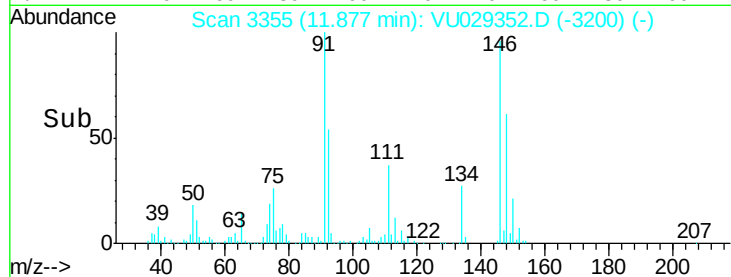
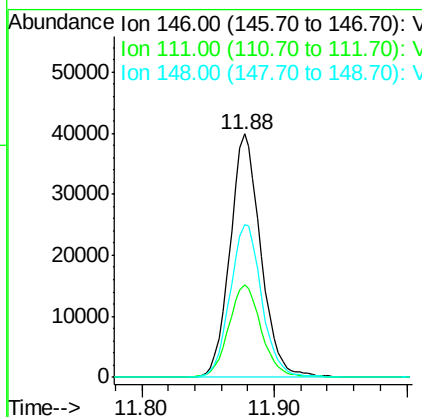
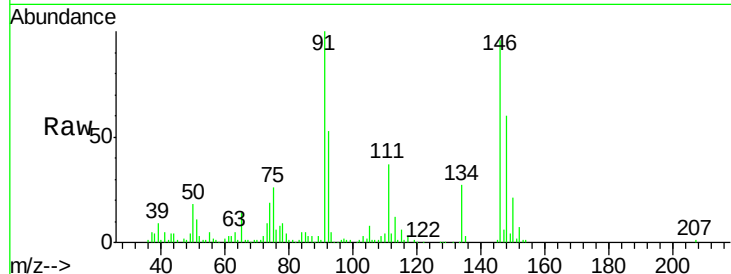
#85
 1,2-Dichlorobenzene
 Concen: 2.085 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VU029352.D
 Acq: 05 Feb 2019 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0205WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.9	65.8
148	64.7	31.8	95.3

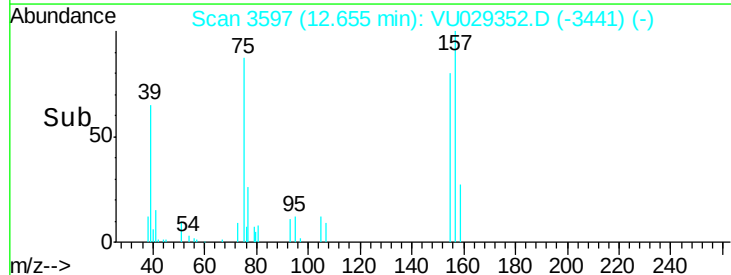
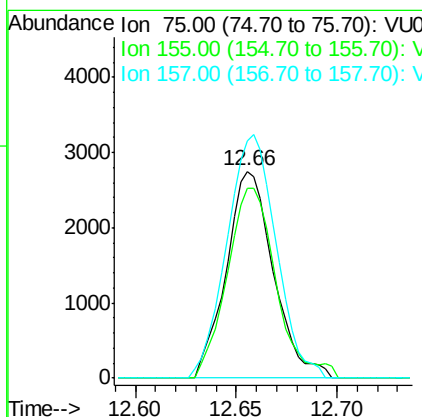
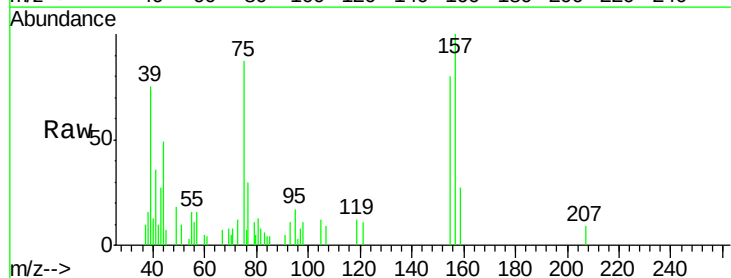
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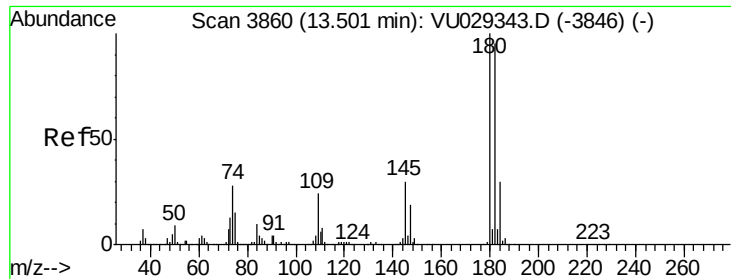
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.909 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU029352.D
 Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	53.8	80.8#
157	122.9	69.2	103.8#





#87

1,2,4-Trichlorobenzene

Concen: 2.051 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. -0.00 min

Lab File: VU029352.D

Acq: 05 Feb 2019 17:49

Instrument :

MSVOA_U

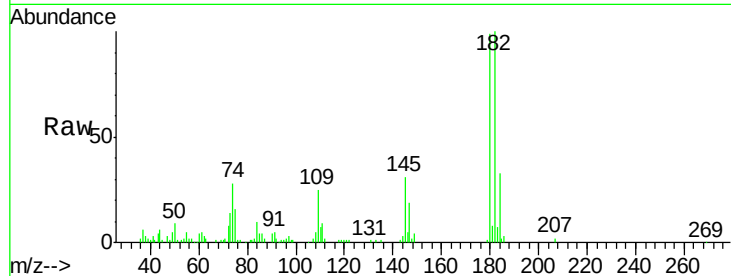
ClientSampleId :

VU0205WBSD01

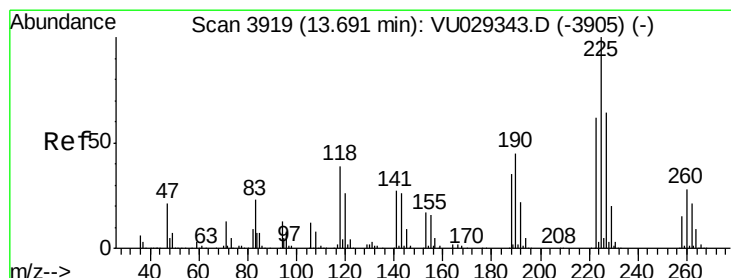
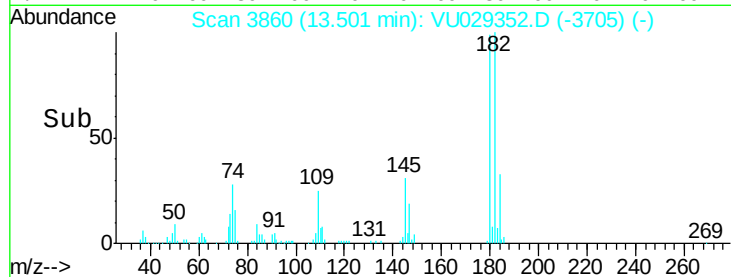
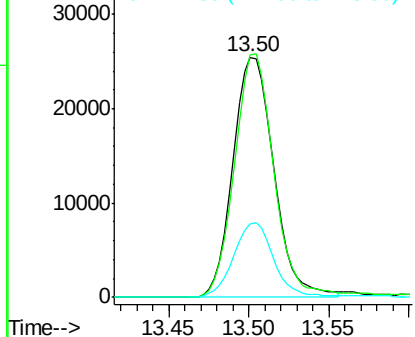
Tot Ion:	180	Resp:	44457
Ion Ratio	Lower	Upper	
180	100		
182	98.3	76.6	114.8
145	30.6	24.6	36.8

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



#88

Hexachlorobutadiene

Concen: 2.041 ug/l

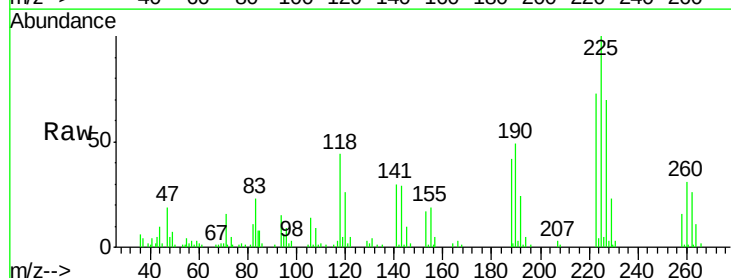
RT: 13.69 min Scan# 3919

Delta R.T. -0.00 min

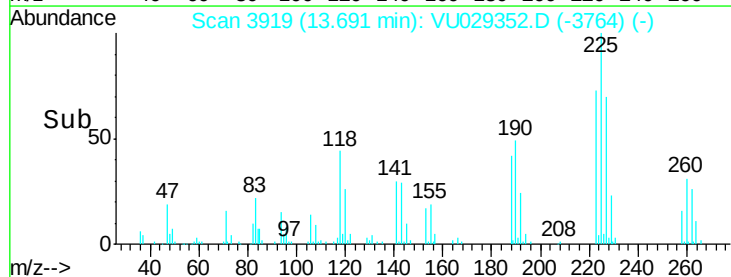
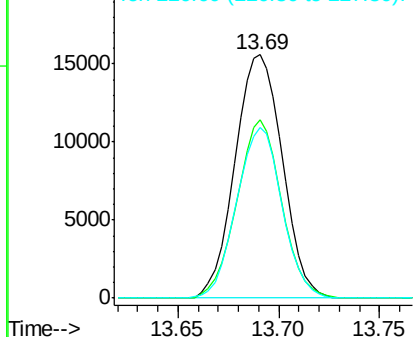
Lab File: VU029352.D

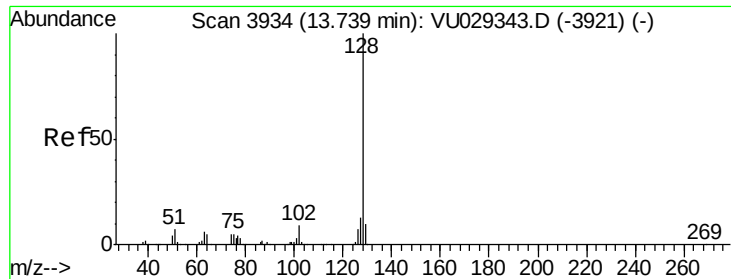
Acq: 05 Feb 2019 17:49

Tgt Ion:	225	Resp:	25614
Ion Ratio	Lower	Upper	
225	100		
223	69.1	49.5	74.3
227	67.3	50.4	75.6



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





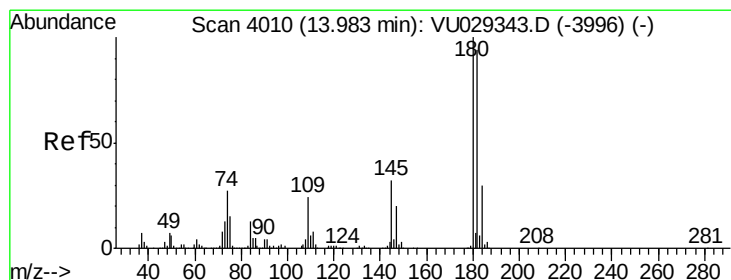
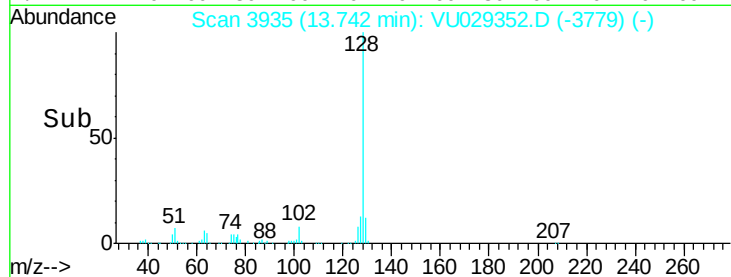
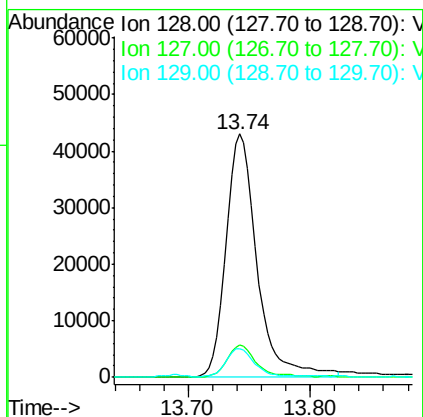
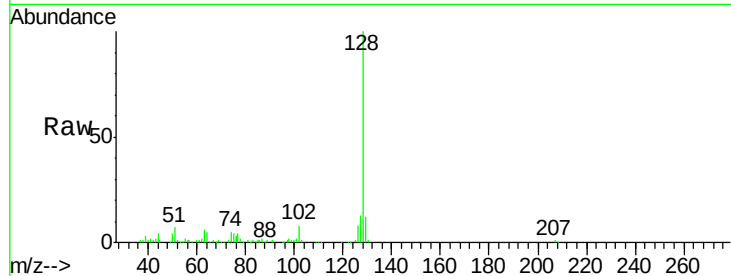
#89
Naphthalene
Concen: 2.100 ug/l
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
VU0205WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	11.0	8.2	12.4

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#90
1,2,3-Trichlorobenzene
Concen: 2.135 ug/l
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU029352.D
Acq: 05 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.0	117.0
145	31.0	26.6	39.8

