

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028336.D
 Acq On : 26 Nov 2018 14:10
 Operator : MD/SY
 Sample : VU1126WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 2:33:39 PM

Quant Time: Nov 27 01:31:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	50208	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	18030	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16315	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	

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Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	32383	1.793	ug/l 100
3) Chloromethane	1.32	50	52857	1.719	ug/l 98
4) Vinyl Chloride	1.40	62	38730	1.841	ug/l 98
5) Bromomethane	1.63	94	14274	1.722	ug/l 94
6) Chloroethane	1.70	64	21428	1.745	ug/l 97
7) Trichlorofluoromethane	1.89	101	43879	1.910	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	24747	1.872	ug/l 99
9) 1,1-Dichloroethene	2.29	96	21424	1.753	ug/l 98
10) Iodomethane	2.41	142	17097	2.068	ug/l 98
11) Allyl Chloride	2.59	41	57044	1.848	ug/l 99
12) Acrylonitrile	2.95	53	12216	3.137	ug/l 91
13) Acetone	2.35	43	34467	9.552	ug/l 97
14) Carbon Disulfide	2.48	76	83511	1.799	ug/l 100
15) Methylene Chloride	2.70	84	28577	1.917	ug/l 94
16) trans-1,2-Dichloroethene	2.98	96	23419	1.712	ug/l 97
17) 1,1-Dichloroethane	3.44	63	55953	1.835	ug/l 97
18) 2-Butanone	4.30	43	49137	9.113	ug/l 97
19) Cyclohexane	4.99	56	46698	1.764	ug/l 98
20) Methylcyclohexane	6.41	83	46787	1.805	ug/l 96
21) 2,2-Dichloropropane	4.22	77	45296	1.851	ug/l 99
22) cis-1,2-Dichloroethene	4.22	96	28678	1.791	ug/l 94
23) Diethyl Ether	2.11	59	22208	1.812	ug/l 96
24) tert-Butyl Alcohol	2.89	59	21456m	17.444	ug/l
25) Methyl tert-Butyl Ether	3.00	73	68215	1.879	ug/l 99
26) Bromochloromethane	4.55	128	11491	1.883	ug/l 99
27) Chloroform	4.67	83	52583	1.788	ug/l 100
28) 1,1,1-Trichloroethane	4.91	97	39942	1.739	ug/l 98
29) 1,1-Dichloropropene	5.13	75	41041	1.863	ug/l 99
30) Carbon Tetrachloride	5.13	117	34097	1.838	ug/l 94
31) Isopropyl Ether	3.58	45	103581	1.897	ug/l 100
32) Ethyl-t-butyl ether	4.08	59	81087	1.803	ug/l 97
33) Tert-Amyl methyl ether	5.58	73	67443	1.807	ug/l 99
34) Propionitrile	4.37	54	14194	10.479	ug/l # 76
35) Benzene	5.39	78	117781	1.816	ug/l 99
36) 1,2-Dichloroethane	5.40	62	35398	1.825	ug/l 98
37) Trichloroethene	6.19	130	24726	1.750	ug/l 98
38) 1,2-Dichloropropane	6.43	63	33742	1.824	ug/l 100
39) Methacrylonitrile	4.56	41	13550	1.868	ug/l 97
40) Methyl acrylate	4.43	55	16000	1.603	ug/l # 95
41) Tetrahydrofuran	4.67	42	13518	3.707	ug/l 97
42) 1-Chlorobutane	5.06	56	62393	1.781	ug/l 96

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Manual Integrations
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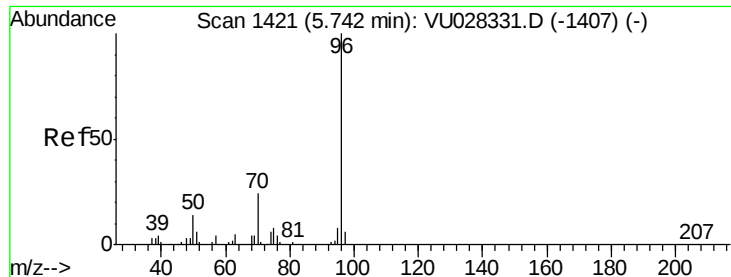
MMDadoda
 11/30/2018 2:33:39 PM

Quant Time: Nov 27 01:31:55 2018
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Dibromomethane	6.56	93	14654	1.861	ug/l	98
44) Bromodichloromethane	6.76	83	37601	1.808	ug/l	95
45) 4-Methyl-2-Pentanone	7.47	43	113306	8.958	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	14047m	3.036	ug/l	
47) Methyl methacrylate	6.63	69	28511	3.547	ug/l	99
48) Ethyl methacrylate	8.02	69	28524	1.774	ug/l	99 MMDadoda
49) Toluene	7.64	92	67617	1.877	ug/l	96
50) t-1,3-Dichloropropene	7.88	75	35066	1.756	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	43790	1.776	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	18891	1.709	ug/l	95
53) 1,3-Dichloropropane	8.24	76	37658	1.824	ug/l	97 11/30/2018 2:33:39 PM
54) 2-Hexanone	8.37	43	83429	9.169	ug/l	97
55) Dibromochloromethane	8.48	129	20361	1.731	ug/l	95
56) 1,2-Dibromoethane	8.59	107	17890	1.777	ug/l	97
58) Tetrachloroethene	8.22	164	24245	1.874	ug/l	93
59) Chlorobenzene	9.12	112	67408	1.798	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	22921	1.804	ug/l	99
61) Pentachloroethane	11.10	117	17590	1.779	ug/l	96
62) Hexachloroethane	12.14	117	15907	1.717	ug/l	97
63) Ethyl Benzene	9.25	91	123588	1.787	ug/l	99
64) m/p-Xylenes	9.37	106	88682	3.543	ug/l	99
65) o-Xylene	9.78	106	44358	1.836	ug/l	98
66) Styrene	9.79	104	74267	1.793	ug/l	100
67) Bromoform	9.96	173	11517	1.748	ug/l	97
69) Isopropylbenzene	10.16	105	117230	1.812	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	26215	1.768	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	22593m	2.185	ug/l	
72) Bromobenzene	10.45	156	25952	1.808	ug/l	99
73) n-propylbenzene	10.59	120	29396	1.752	ug/l	93
74) 2-Chlorotoluene	10.66	126	27796	1.891	ug/l	91
75) 1,3,5-Trimethylbenzene	10.77	105	97288	1.787	ug/l	98
76) 4-Chlorotoluene	10.77	126	27204	1.826	ug/l	98
77) tert-Butylbenzene	11.10	119	91216	1.780	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	98820	1.771	ug/l	99
79) sec-Butylbenzene	11.32	105	129234	1.809	ug/l	100
80) Nitrobenzene	12.87	77	5821	8.713	ug/l #	98
81) p-Isopropyltoluene	11.48	119	100283	1.766	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	51743	1.799	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	50302	1.757	ug/l	97
84) n-Butylbenzene	11.89	91	106762	1.791	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	48930	1.788	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4349	1.823	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	33687	1.751	ug/l	98
88) Hexachlorobutadiene	13.69	225	19152	1.840	ug/l	96
89) Naphthalene	13.74	128	65212	1.715	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	30329	1.672	ug/l	96

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1421

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

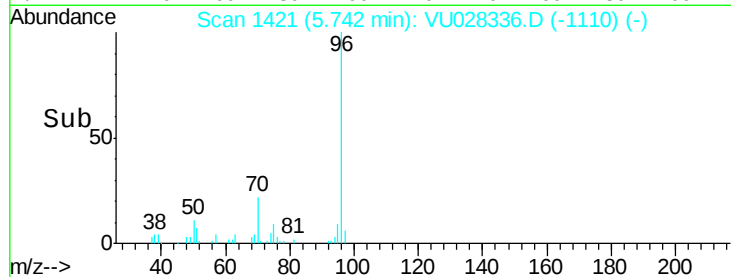
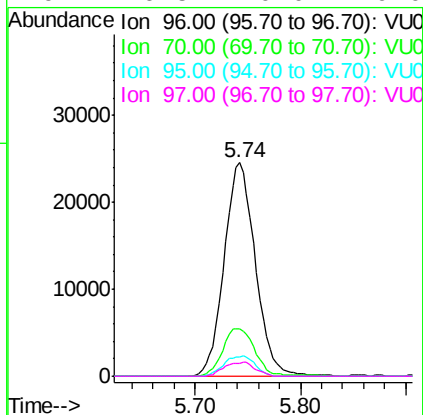
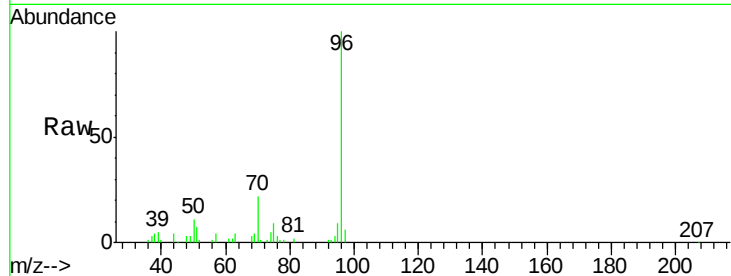
ClientSampleId :

VU1126WBSD01

Tgt Ion	96	Resp	50208
Ion Ratio	100	Lower	Upper
96	100		
70	22.2	17.8	26.8
95	9.4	7.6	11.4
97	6.5	0.0	0.0

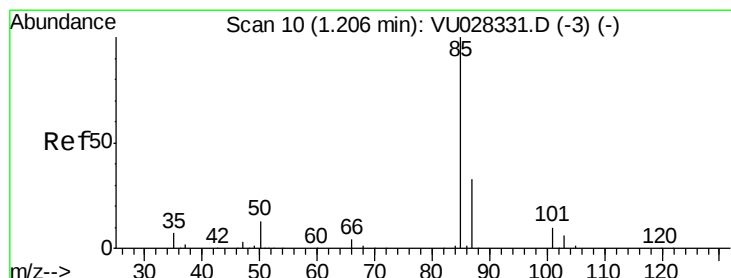
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#2

Dichlorodifluoromethane

Concen: 1.793 ug/l

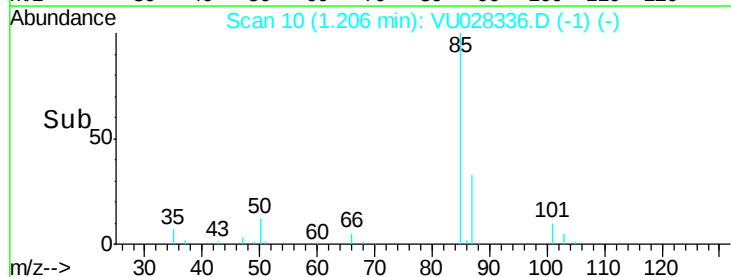
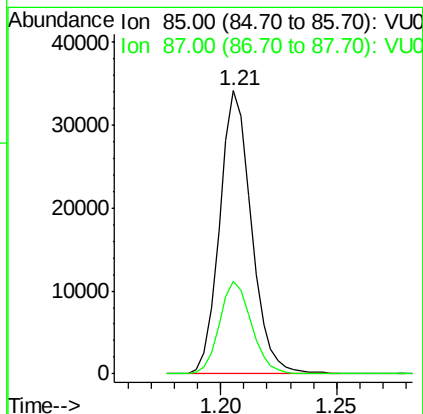
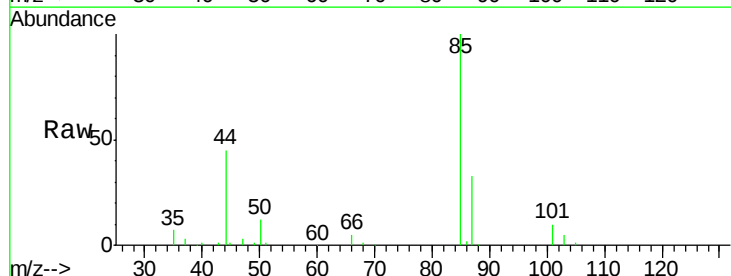
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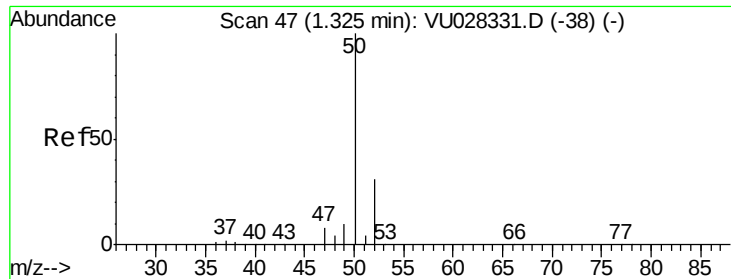
Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Tgt Ion	85	Resp	32383
Ion Ratio	100	Lower	Upper
85	100		
87	32.7	16.3	48.8





#3

Chloromethane

Concen: 1.719 ug/l

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

Tgt Ion: 50 Resp: 52857

Ion Ratio Lower Upper

50 100

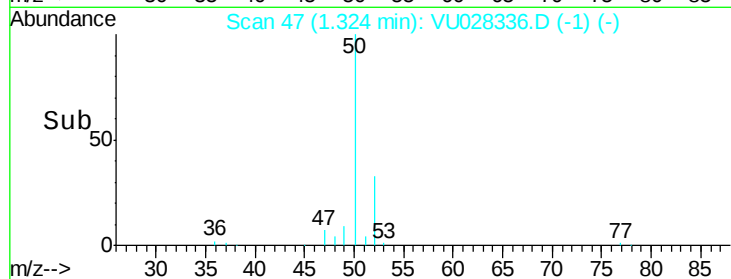
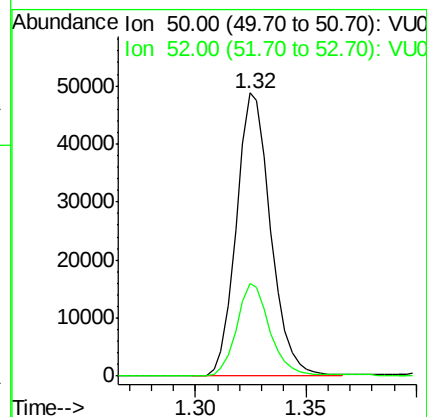
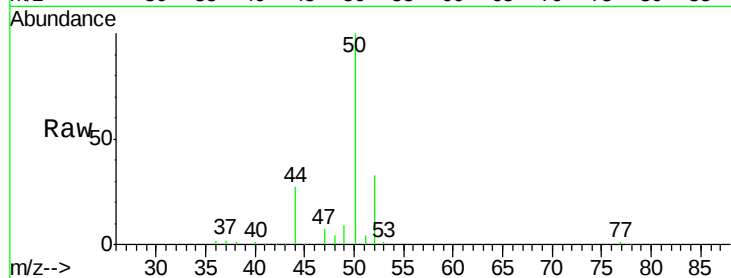
52 32.7 25.1 37.7

Manual Integrations

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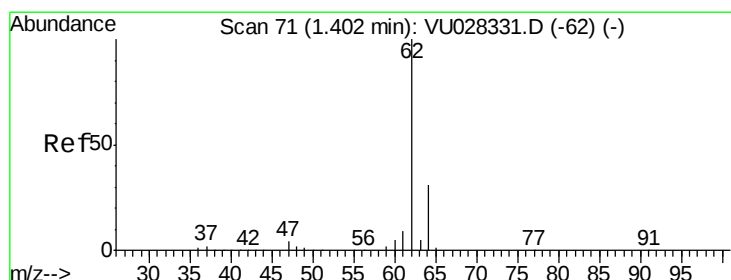
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#4

Vinyl Chloride

Concen: 1.841 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028336.D

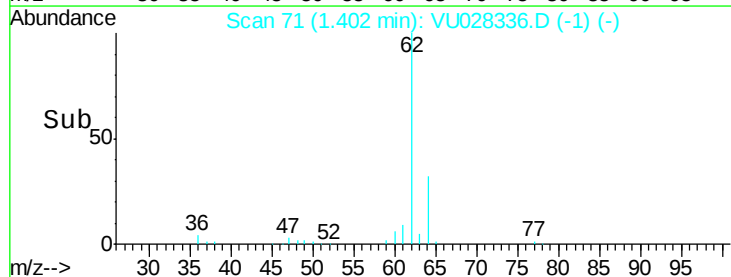
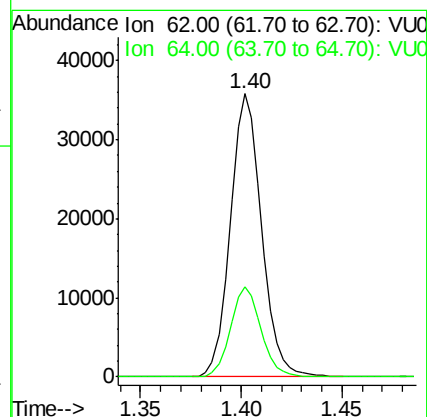
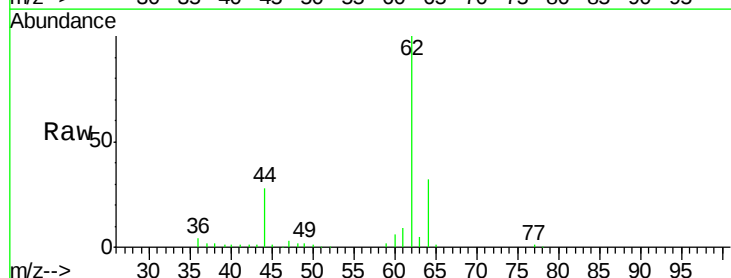
Acq: 26 Nov 2018 14:10

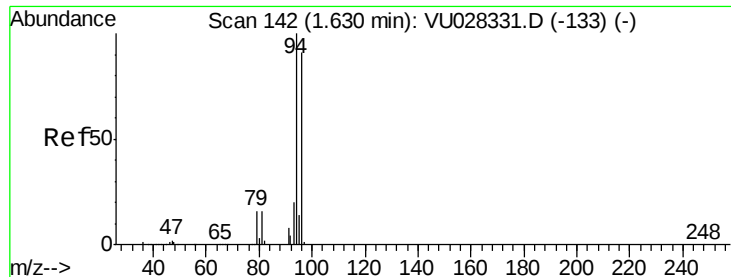
Tgt Ion: 62 Resp: 38730

Ion Ratio Lower Upper

62 100

64 31.8 24.7 37.1





#5

Bromomethane

Concen: 1.722 ug/l

RT: 1.63 min Scan# 142

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

Tgt Ion: 94 Resp: 14274

Ion Ratio Lower Upper

94 100

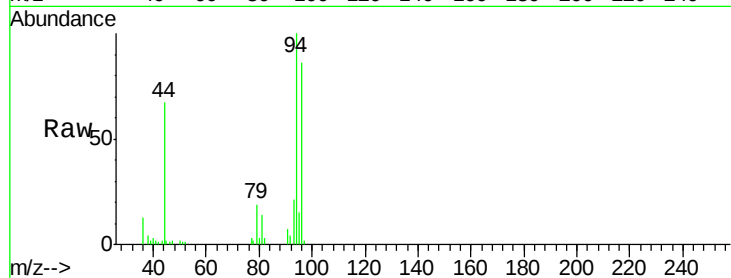
96 85.7 73.1 109.7

Manual Integrations

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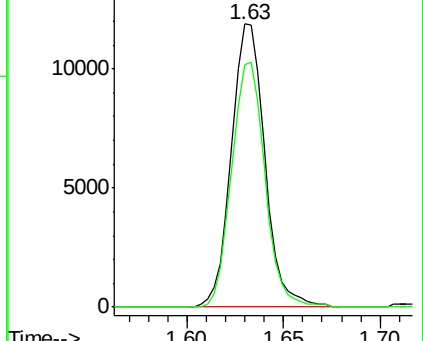
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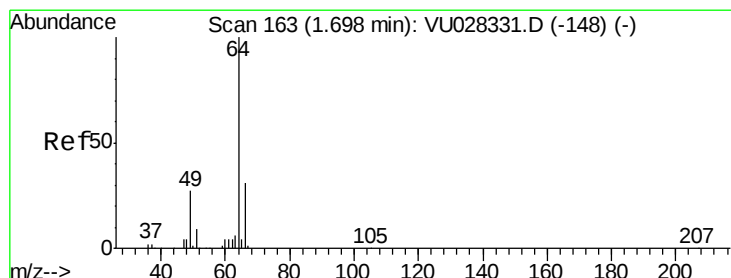
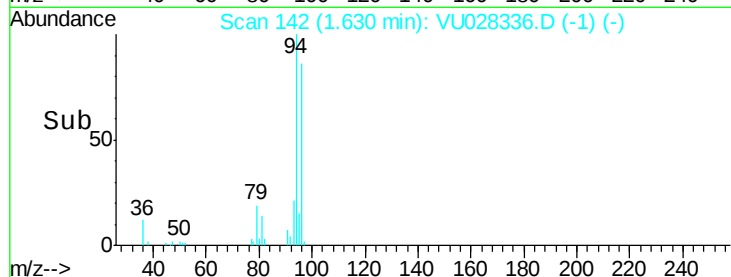
Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



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#6

Chloroethane

Concen: 1.745 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU028336.D

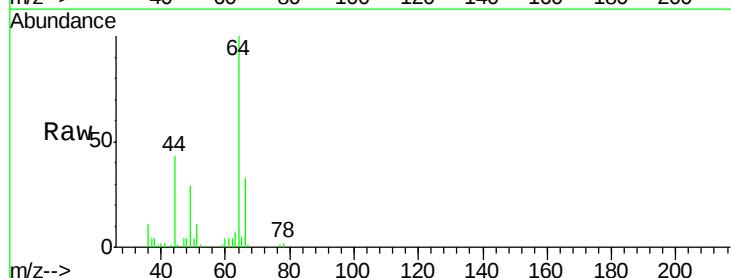
Acq: 26 Nov 2018 14:10

Tgt Ion: 64 Resp: 21428

Ion Ratio Lower Upper

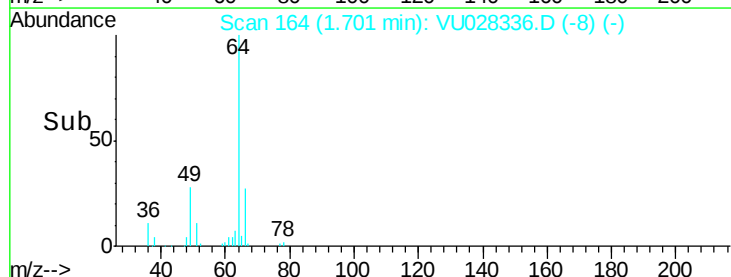
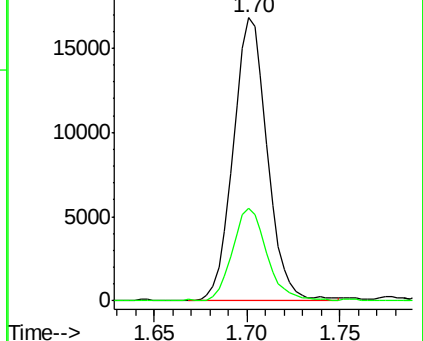
64 100

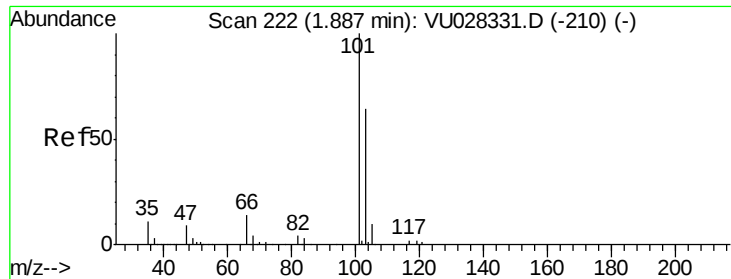
66 32.8 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

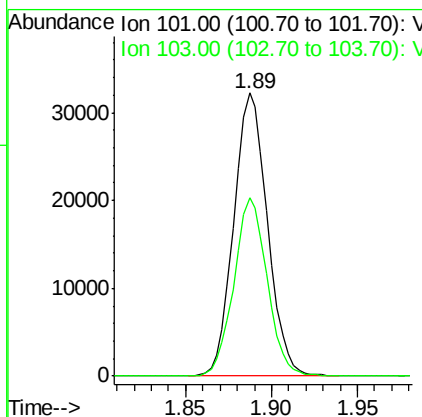
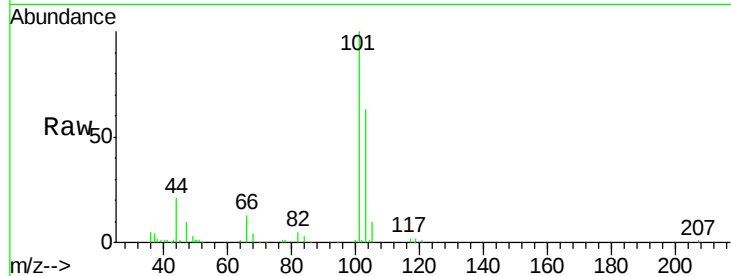
Trichlorofluoromethane
Concen: 1.910 ug/l
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion:101 Resp: 43879
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.0

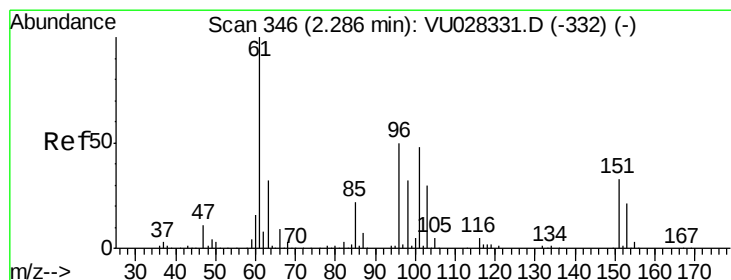
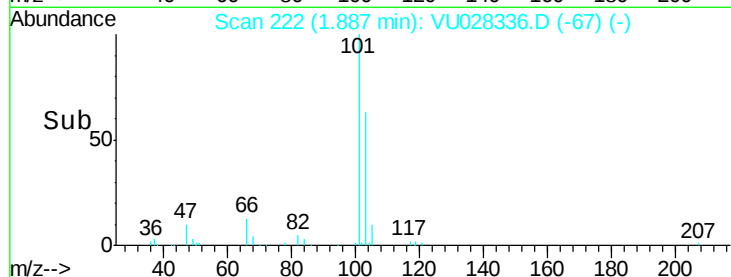
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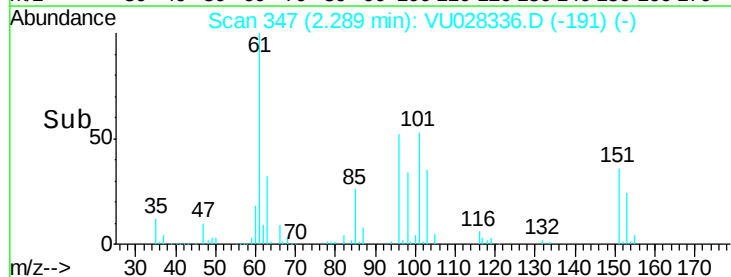
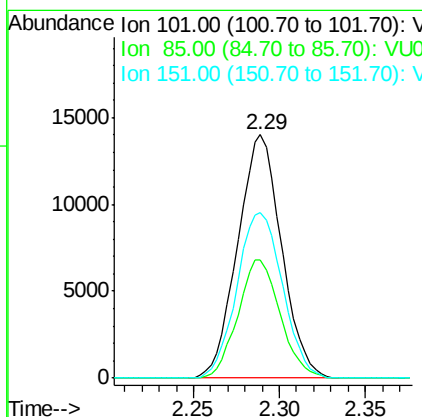
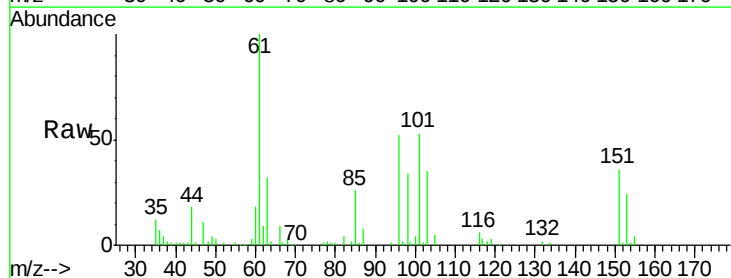
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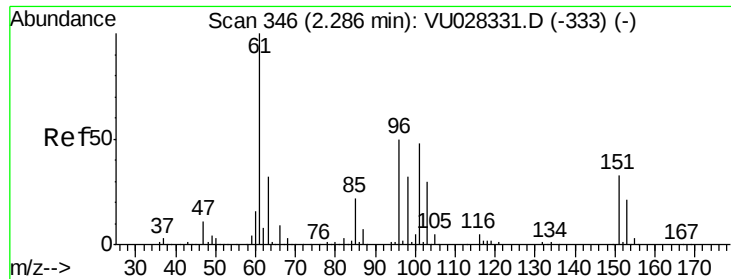


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.872 ug/l
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion:101 Resp: 24747
Ion Ratio Lower Upper
101 100
85 46.7 36.7 55.1
151 70.7 55.8 83.6





#9

1,1-Dichloroethene

Concen: 1.753 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

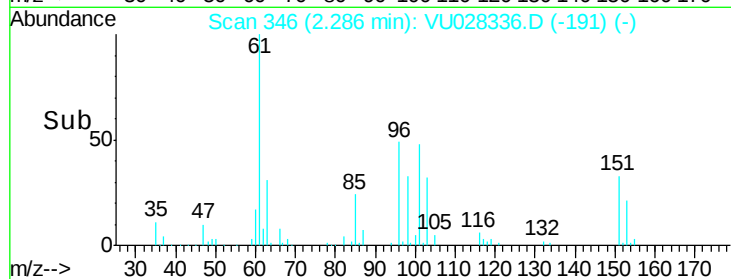
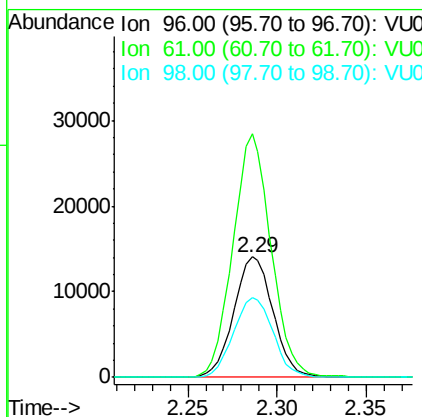
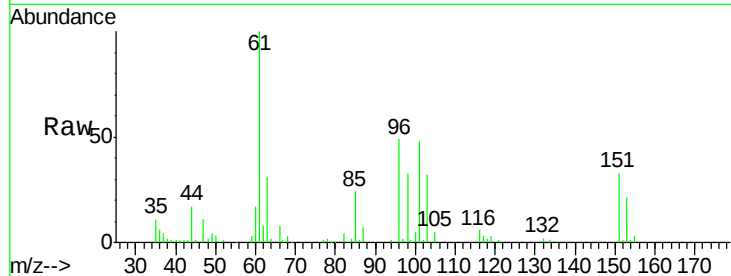
ClientSampleId :

VU1126WBSD01

Tgt Ion:	96	Resp:	21424
Ion Ratio	Lower	Upper	
96	100		
61	202.5	0.0	597.6
98	66.4	0.0	127.6

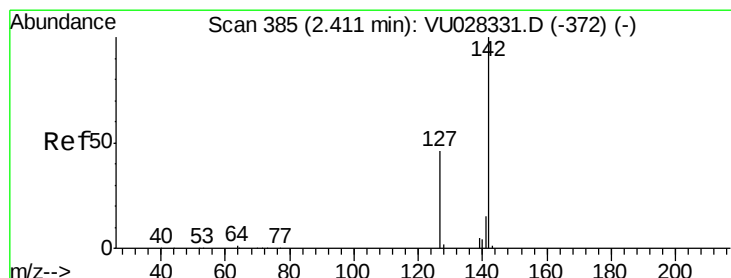
Manual Integrations
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11/30/2018 2:33:39 PM



#10

Iodomethane

Concen: 2.068 ug/l

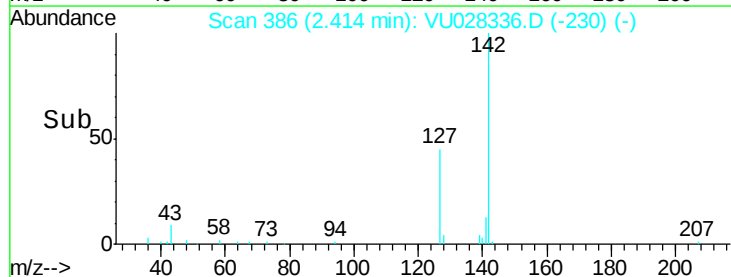
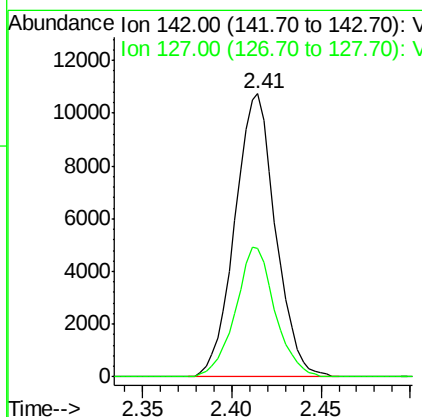
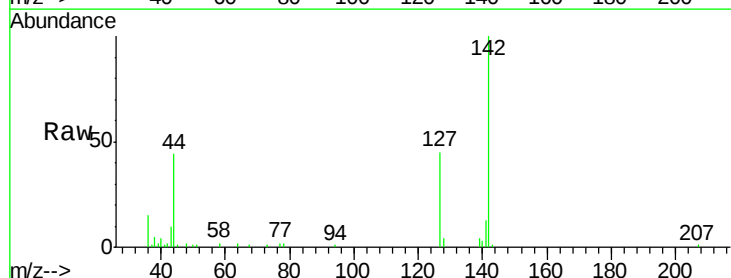
RT: 2.41 min Scan# 386

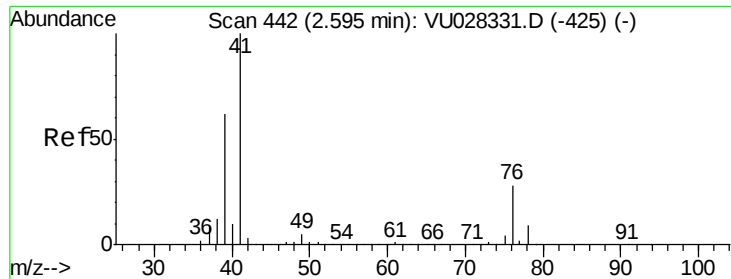
Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Tgt Ion:	142	Resp:	17097
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.4	54.6





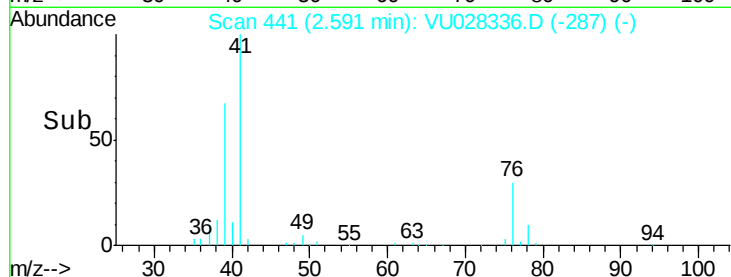
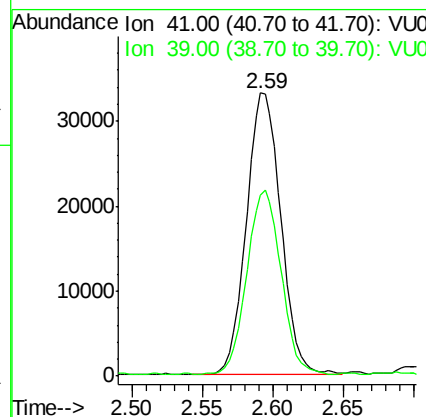
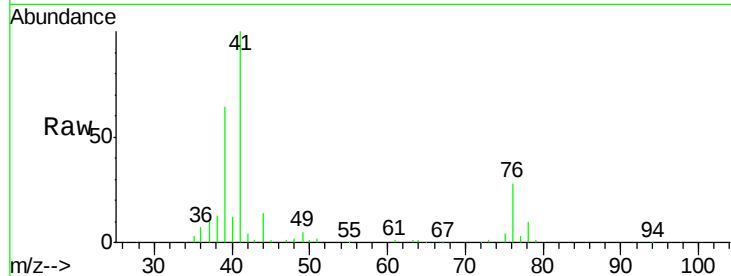
#11
 Allyl Chloride
 Concen: 1.848 ug/l
 RT: 2.59 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Tgt Ion: 41 Resp: 57044
 Ion Ratio Lower Upper
 41 100
 39 64.6 50.8 76.2

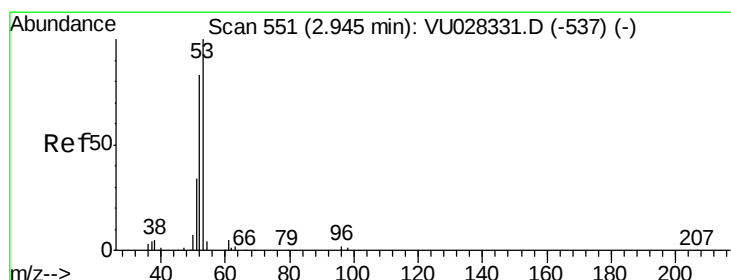
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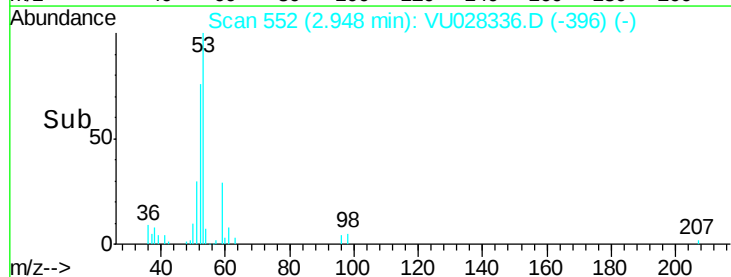
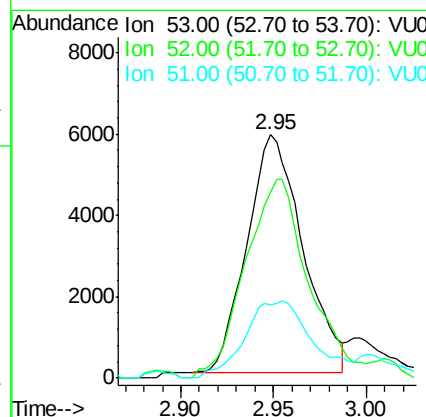
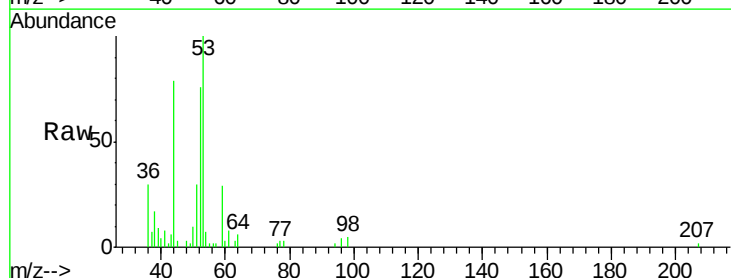
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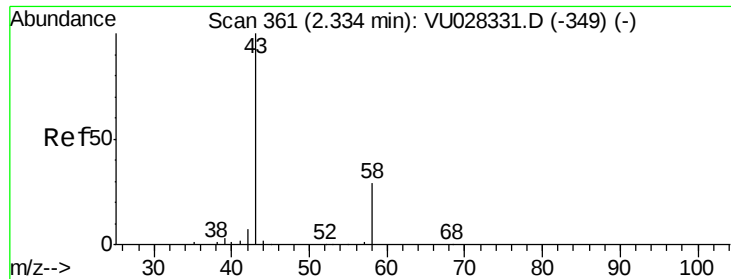
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#12
 Acrylonitrile
 Concen: 3.137 ug/l
 RT: 2.95 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 53 Resp: 12216
 Ion Ratio Lower Upper
 53 100
 52 94.8 69.3 103.9
 51 39.4 27.8 41.8





#13

Acetone

Concen: 9.552 ug/l

RT: 2.35 min Scan# 365

Delta R.T. 0.01 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

Tgt Ion: 43 Resp: 34467

Ion Ratio Lower Upper

43 100

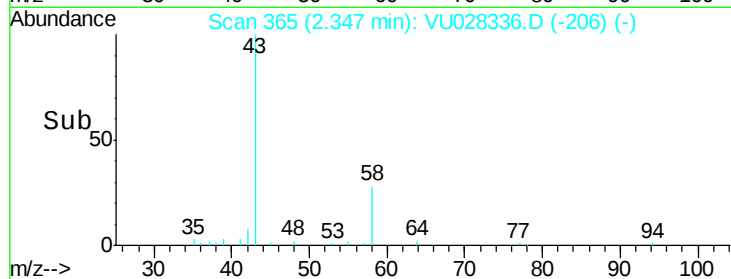
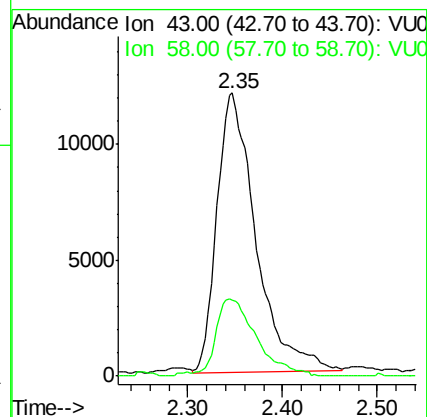
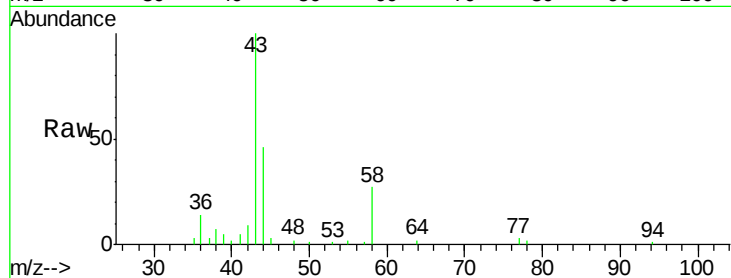
58 27.5 23.1 34.7

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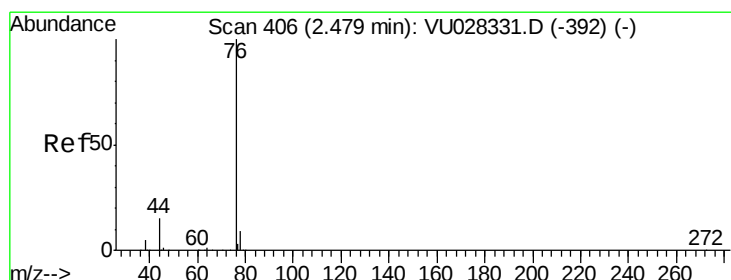
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#14

Carbon Disulfide

Concen: 1.799 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU028336.D

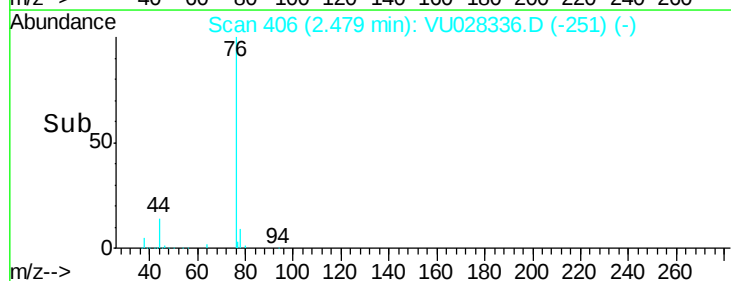
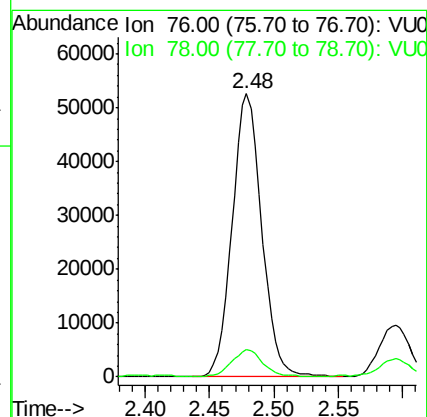
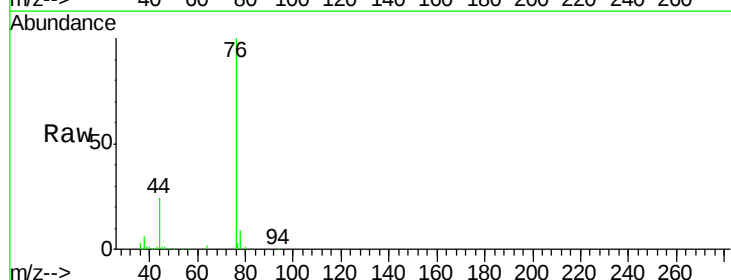
Acq: 26 Nov 2018 14:10

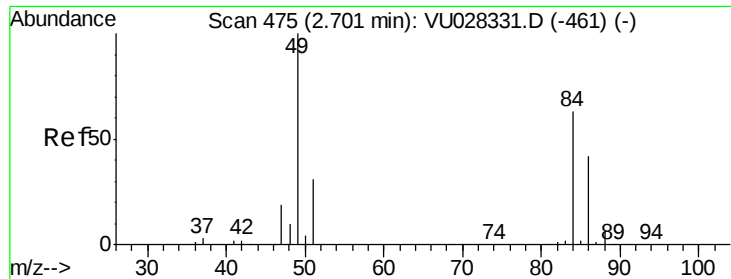
Tgt Ion: 76 Resp: 83511

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





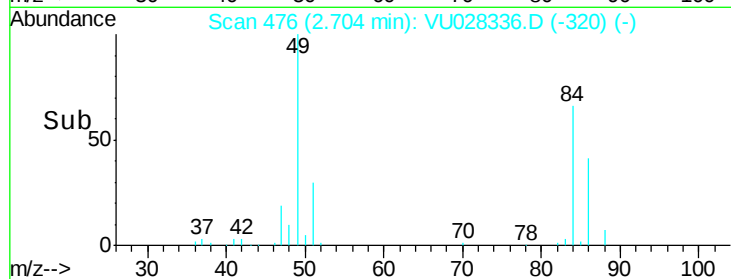
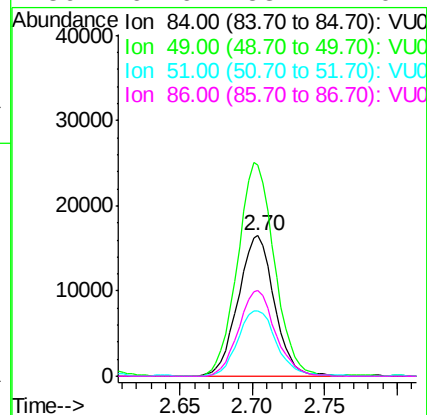
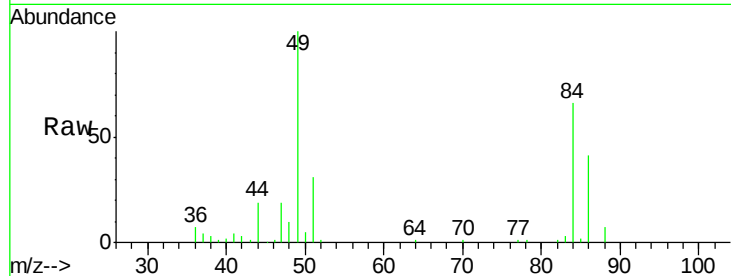
#15
Methylene Chloride
Concen: 1.917 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	150.9	127.7	191.5
51	46.9	0.0	98.2
86	61.6	53.1	79.7

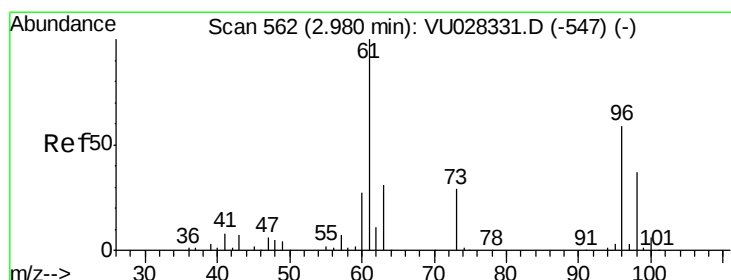
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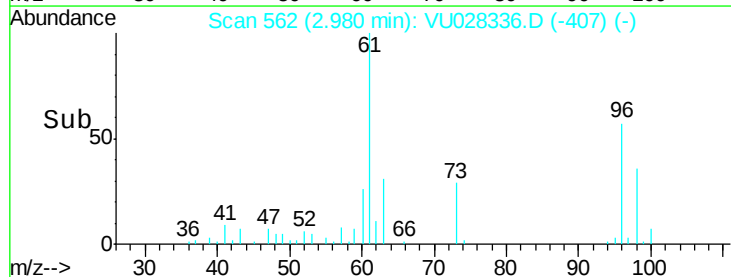
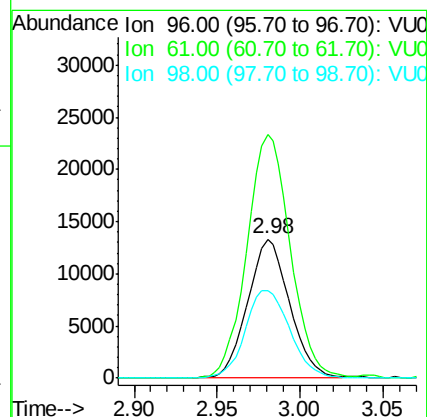
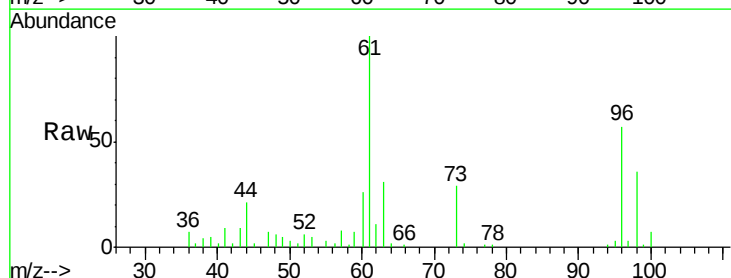
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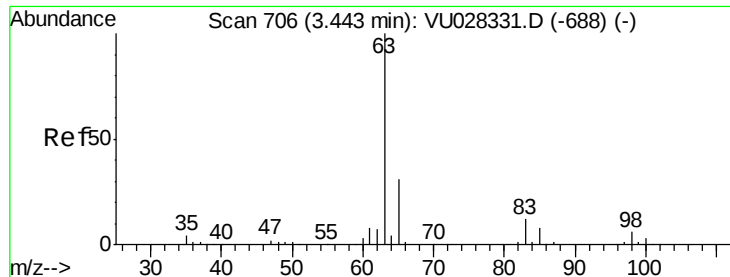
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#16
trans-1,2-Dichloroethene
Concen: 1.712 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.2	136.4	204.6
98	63.1	49.8	74.8





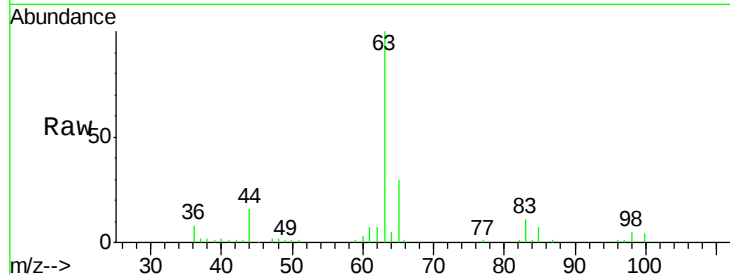
#17
 1,1-Dichloroethane
 Concen: 1.835 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

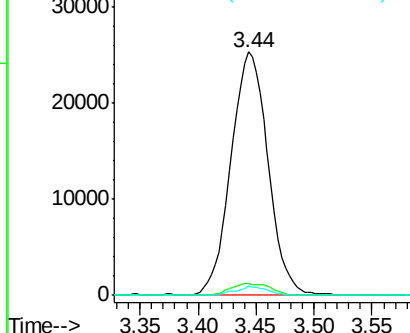
Tgt Ion:	63	Resp:	55953
Ion	Ratio	Lower	Upper
63	100		
98	4.8	3.0	9.0
100	3.7	1.8	5.3

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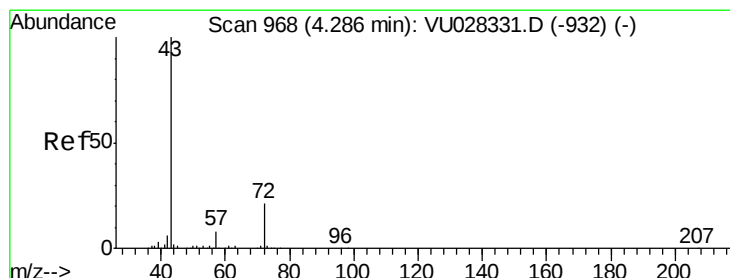
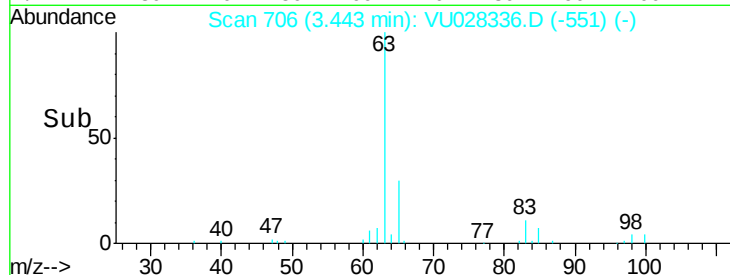


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0



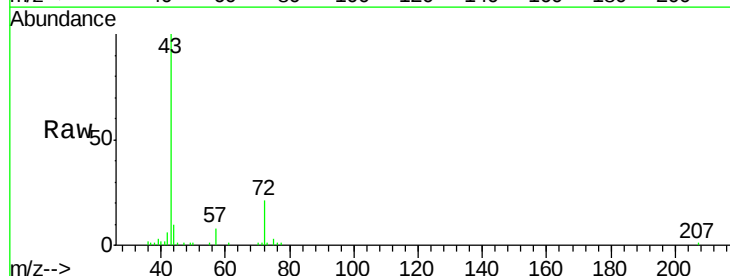
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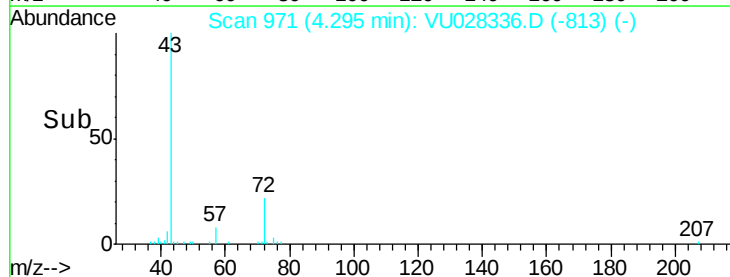
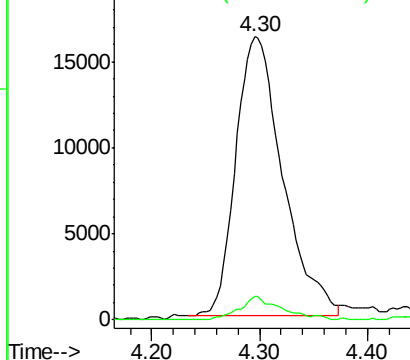


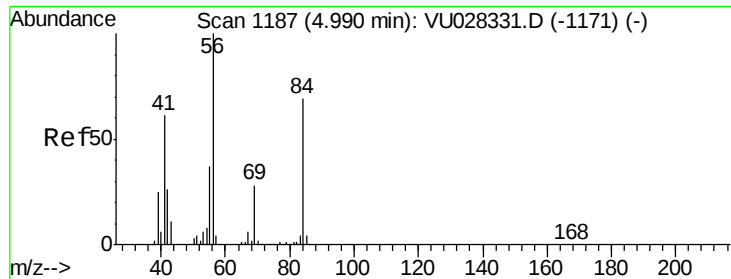
#18
 2-Butanone
 Concen: 9.113 ug/l
 RT: 4.30 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion:	43	Resp:	49137
Ion	Ratio	Lower	Upper
43	100		
57	8.4	0.0	15.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





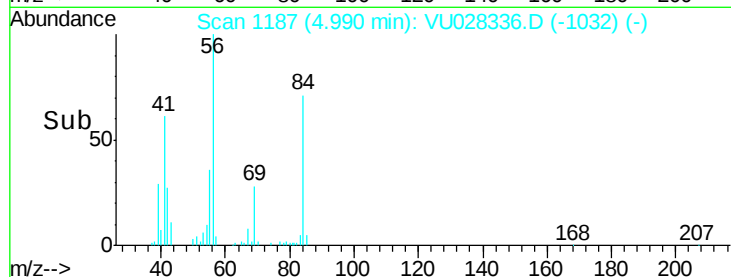
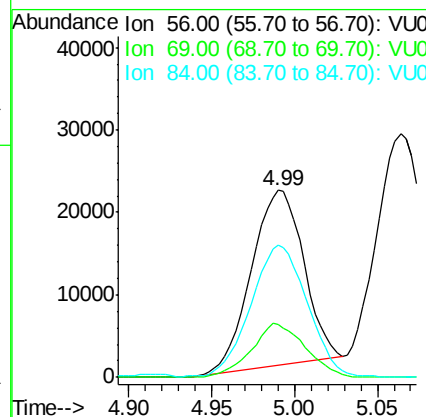
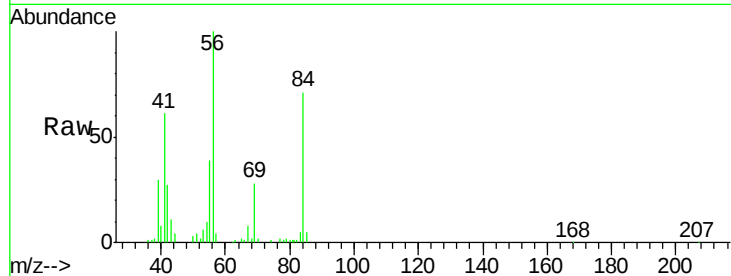
#19
Cyclohexane
Concen: 1.764 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.0	37.6
84	81.0	62.6	94.0

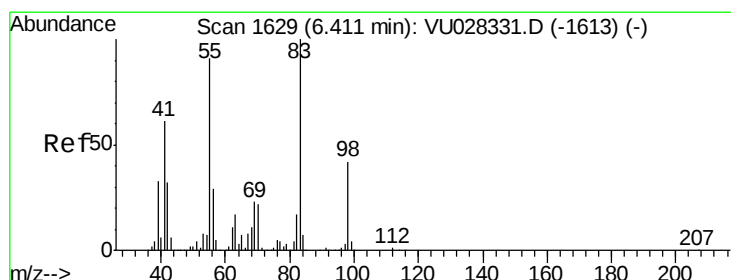
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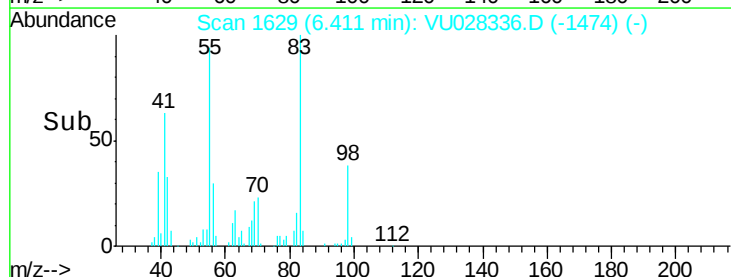
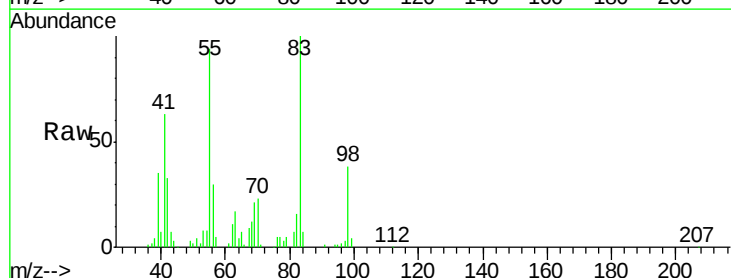
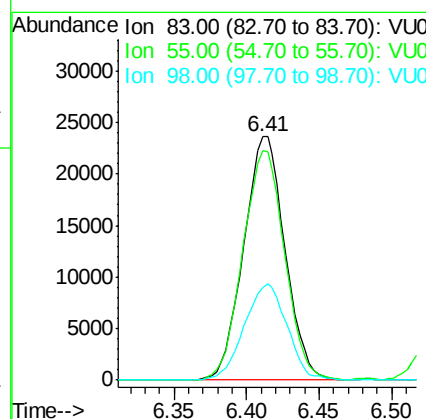
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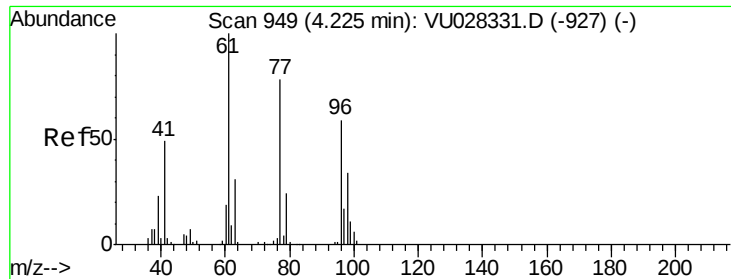
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#20
Methylcyclohexane
Concen: 1.805 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
83	100		
55	95.5	72.6	108.8
98	40.9	33.8	50.8





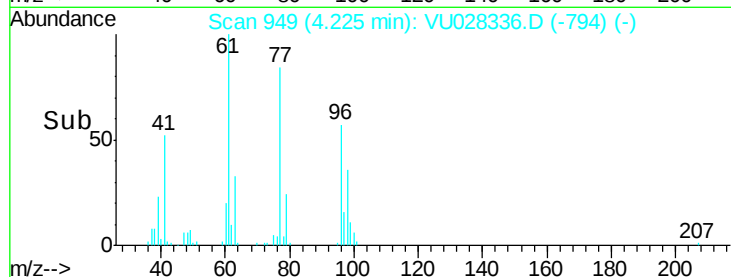
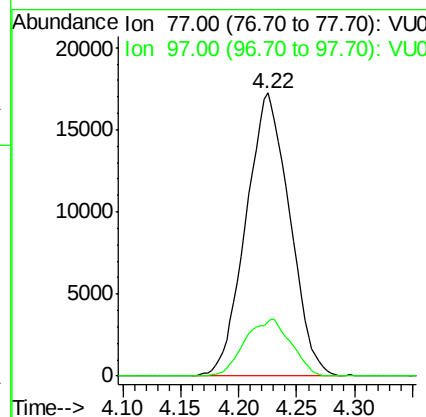
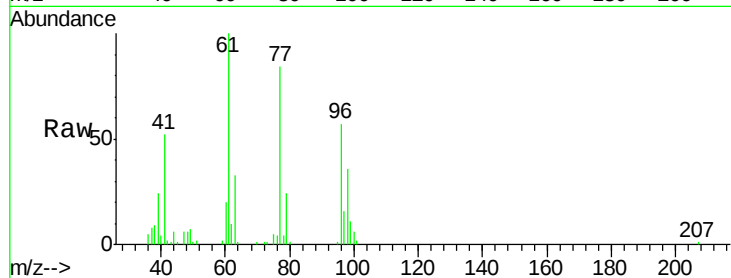
#21
 2,2-Dichloropropane
 Concen: 1.851 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Tgt Ion: 77 Resp: 45296
 Ion Ratio Lower Upper
 77 100
 97 21.1 17.4 26.2

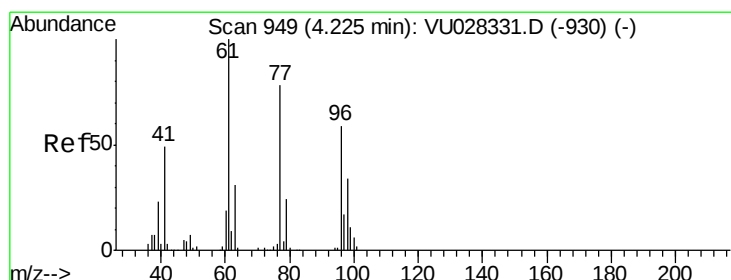
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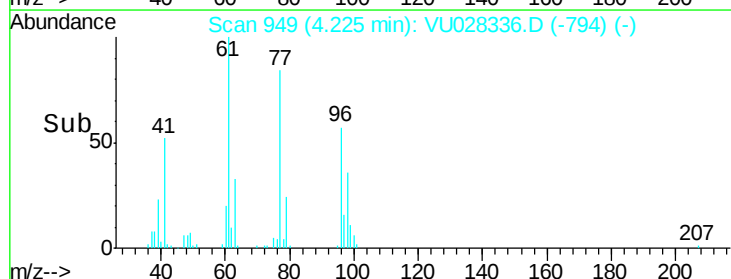
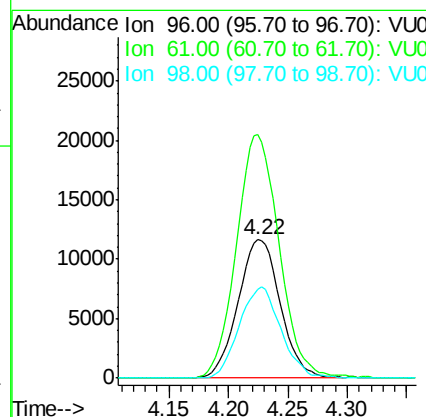
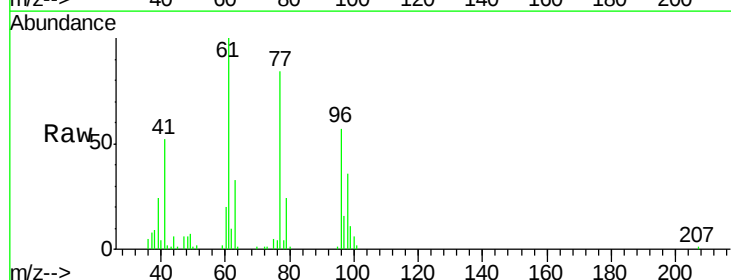
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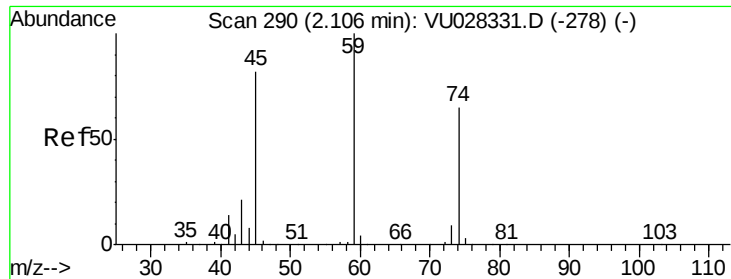
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#22
 cis-1,2-Dichloroethene
 Concen: 1.791 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 96 Resp: 28678
 Ion Ratio Lower Upper
 96 100
 61 176.8 0.0 423.0
 98 64.9 30.3 91.0





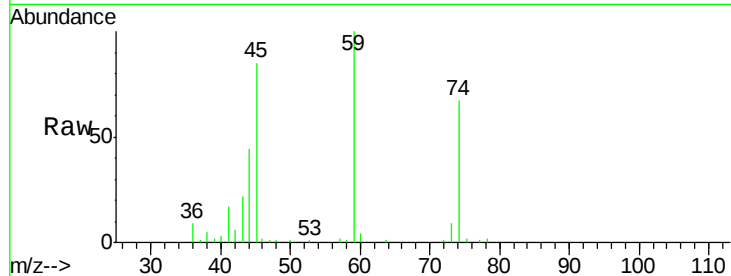
#23
Diethyl Ether
Concen: 1.812 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
45	87.7	66.4	99.6
74	66.4	52.2	78.4

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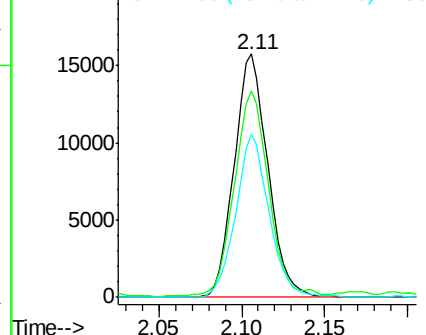


Abundance

Ion 59.00 (58.70 to 59.70): VU0

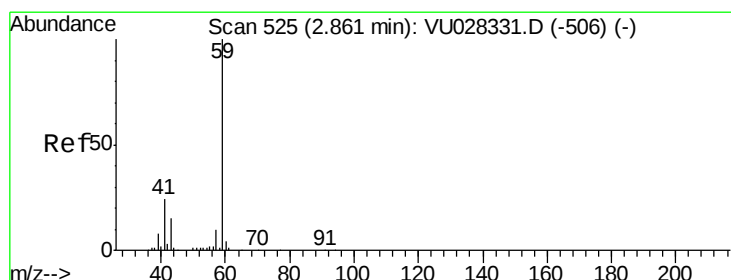
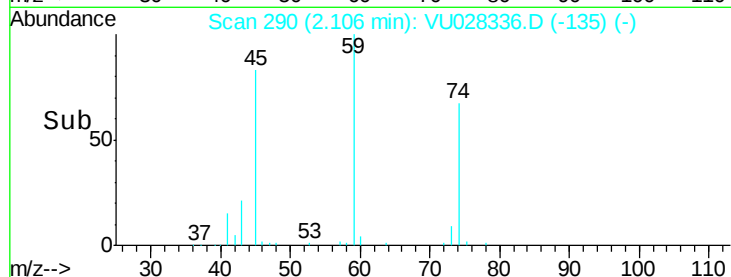
Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



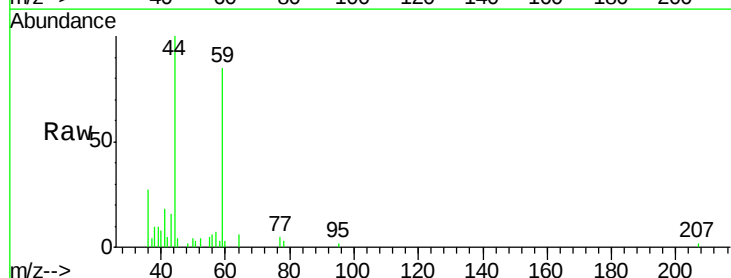
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#24
tert-Butyl Alcohol
Concen: 17.444 ug/l m
RT: 2.89 min Scan# 533
Delta R.T. 0.03 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

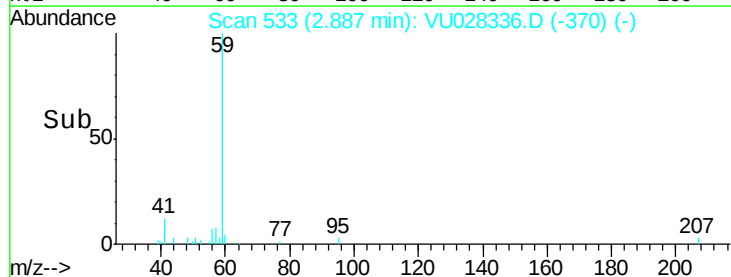
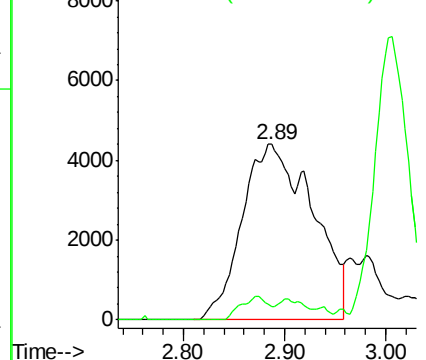
Tgt Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.2	12.4#

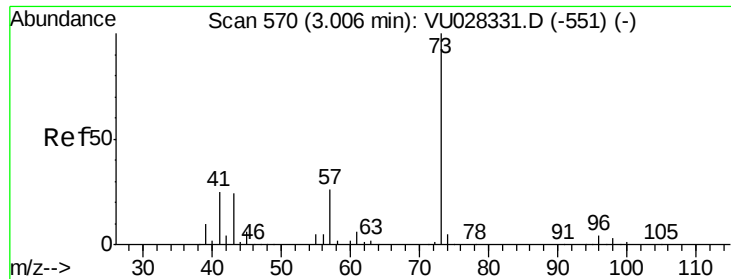


Abundance

Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

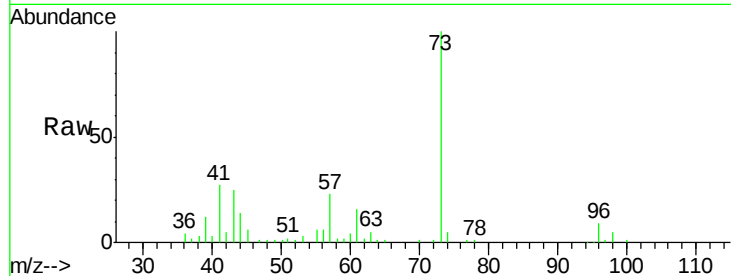
Methyl tert-Butyl Ether
Concen: 1.879 ug/l
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

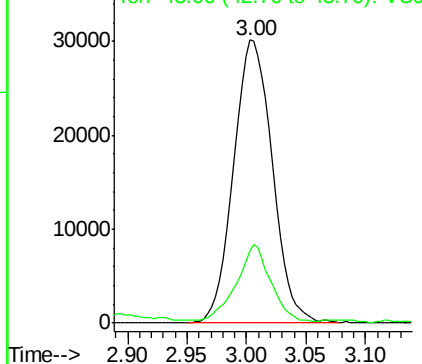
Tgt Ion: 73 Resp: 68215
Ion Ratio Lower Upper
73 100
43 23.6 18.5 27.7

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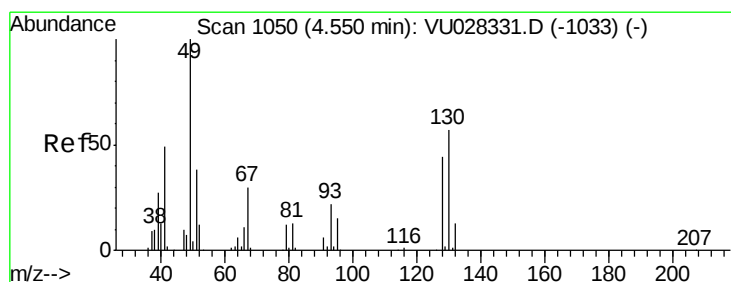
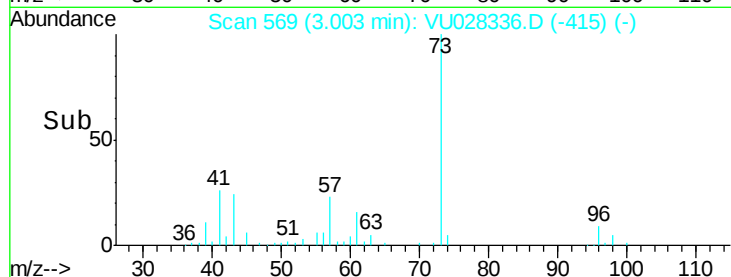


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0



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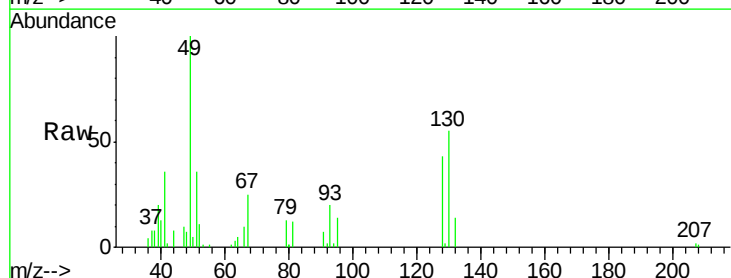
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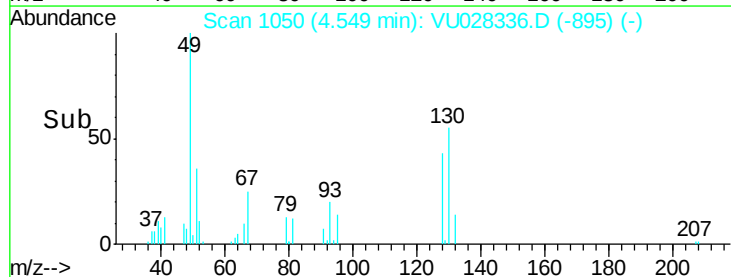
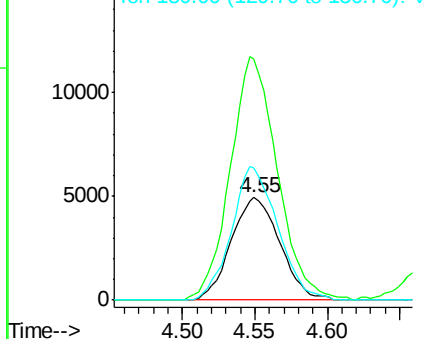
#26

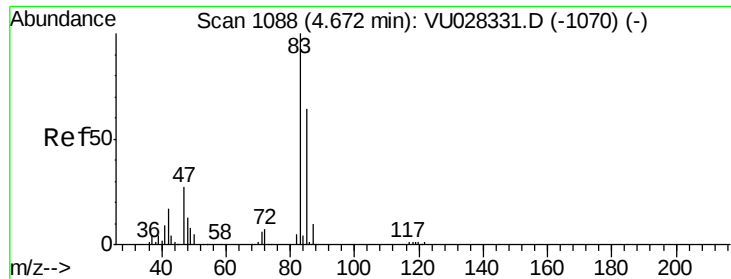
Bromochloromethane
Concen: 1.883 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion: 128 Resp: 11491
Ion Ratio Lower Upper
128 100
49 229.7 0.0 457.6
130 123.9 101.4 152.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU0
Ion 130.00 (129.70 to 130.70): V





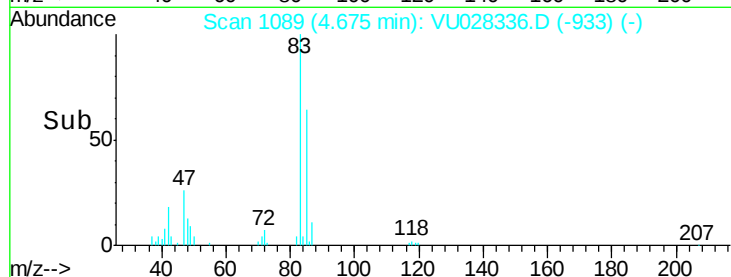
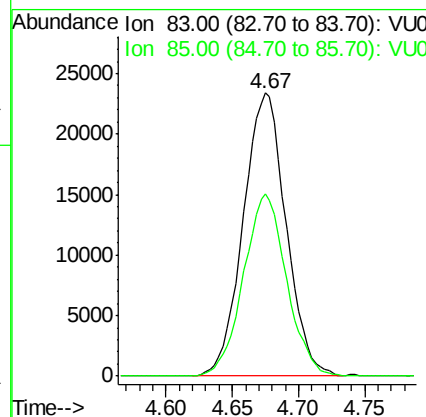
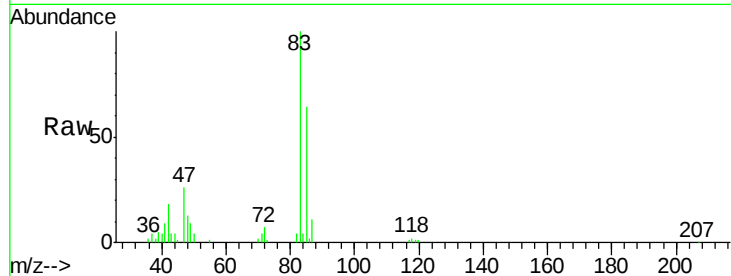
#27
Chloroform
Concen: 1.788 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion: 83 Resp: 52583
Ion Ratio Lower Upper
83 100
85 64.3 0.0 128.0

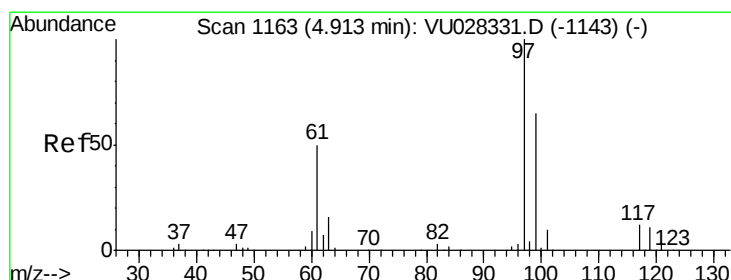
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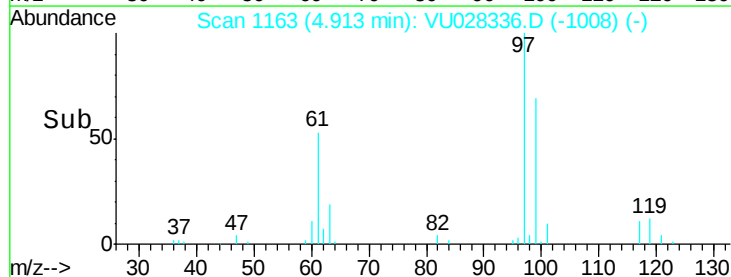
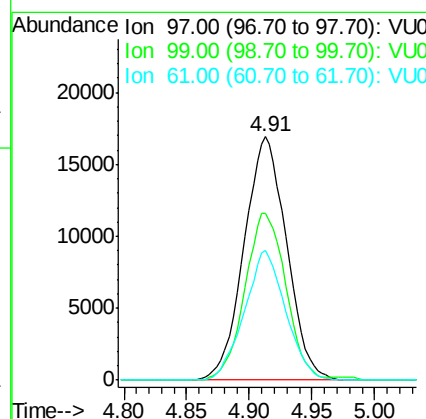
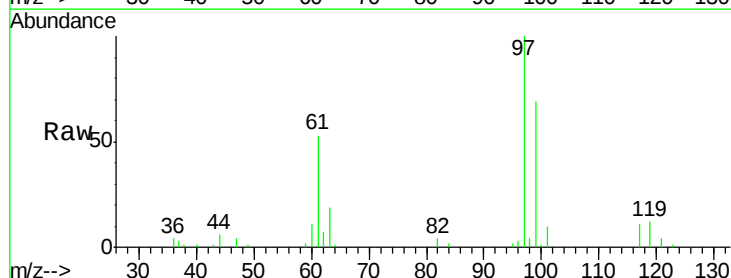
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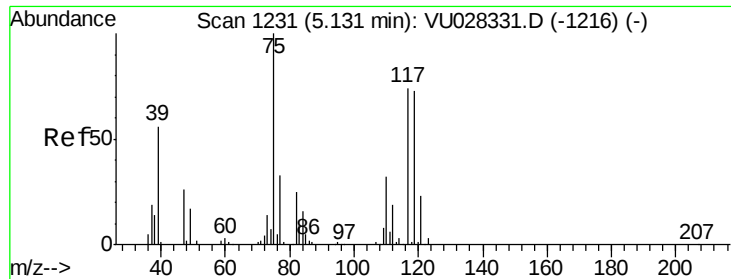
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#28
1,1,1-Trichloroethane
Concen: 1.739 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion: 97 Resp: 39942
Ion Ratio Lower Upper
97 100
99 65.9 32.2 96.6
61 51.5 24.9 74.7





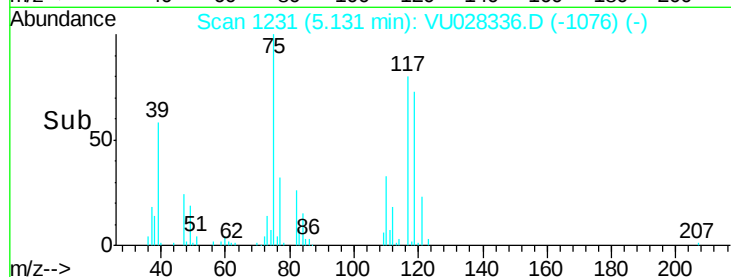
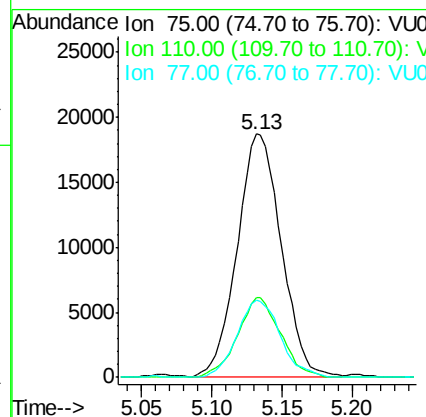
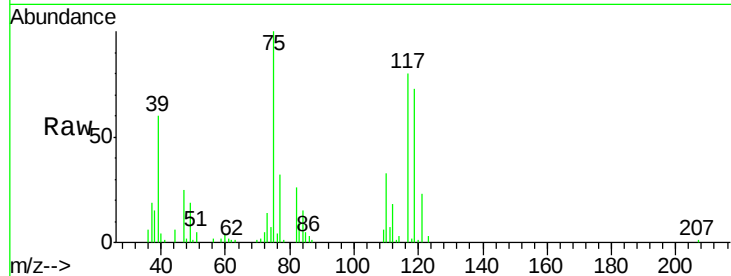
#29
 1,1-Dichloropropene
 Concen: 1.863 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.7	15.8	47.3
77	31.2	25.4	38.0

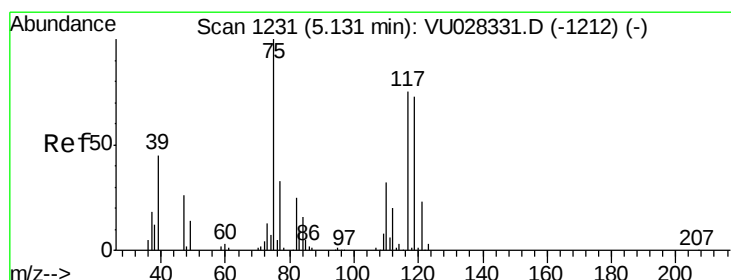
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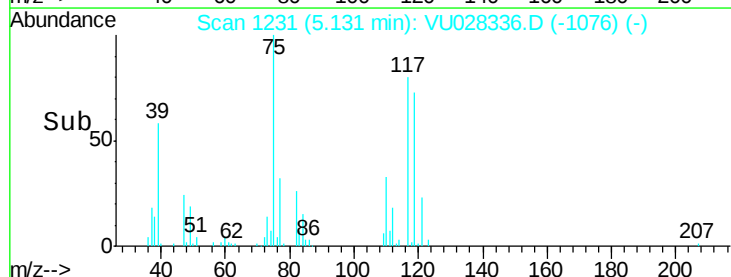
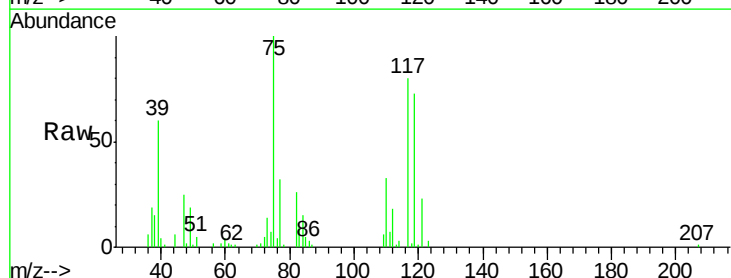
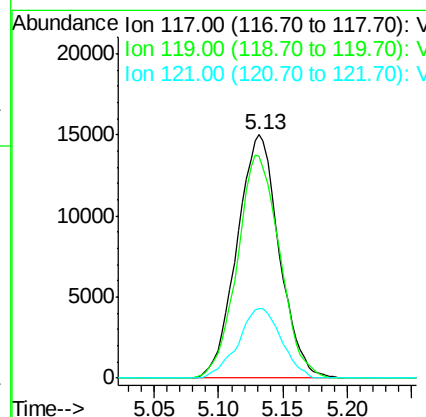
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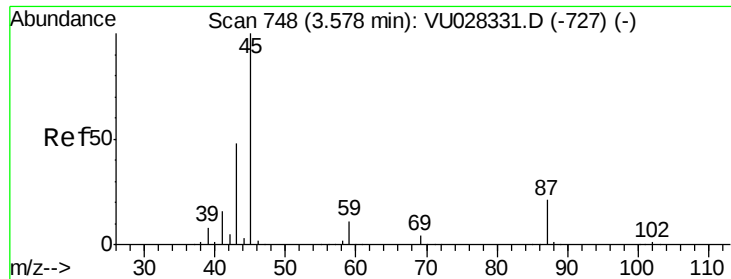
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#30
 Carbon Tetrachloride
 Concen: 1.838 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	78.2	117.4
121	28.6	24.7	37.1





#31

Isopropyl Ether

Concen: 1.897 ug/l

RT: 3.58 min Scan# 748

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

Tgt Ion: 45 Resp: 103581

Ion Ratio Lower Upper

45 100

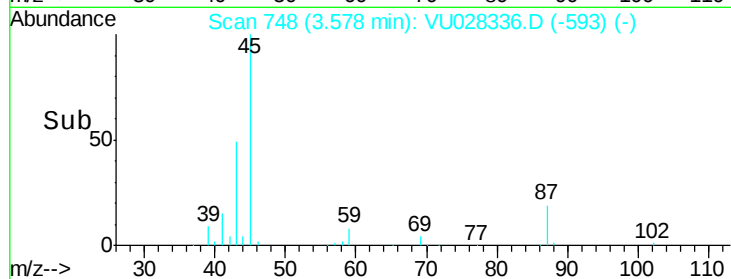
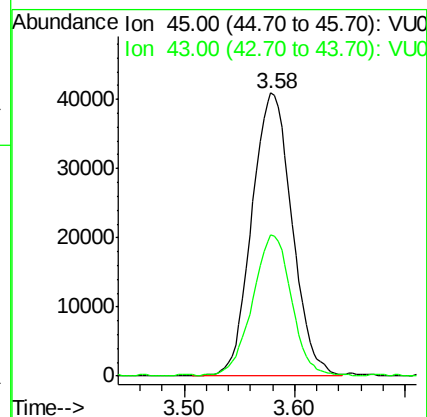
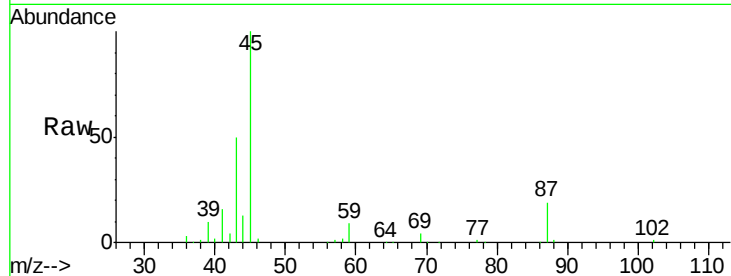
43 48.7 24.2 72.6

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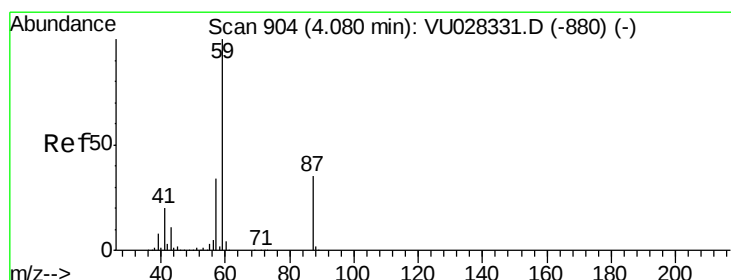
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#32

Ethyl-t-butyl ether

Concen: 1.803 ug/l

RT: 4.08 min Scan# 903

Delta R.T. -0.00 min

Lab File: VU028336.D

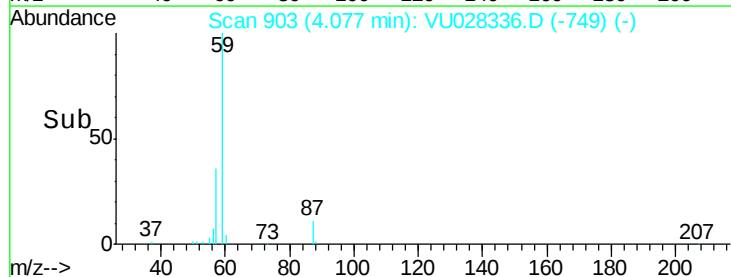
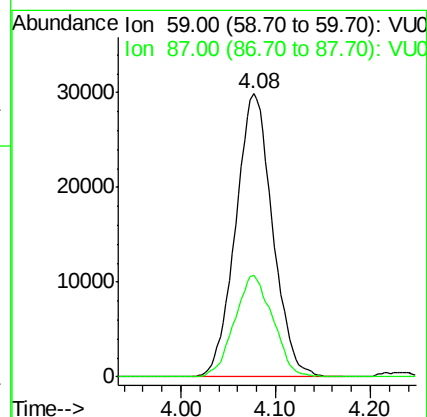
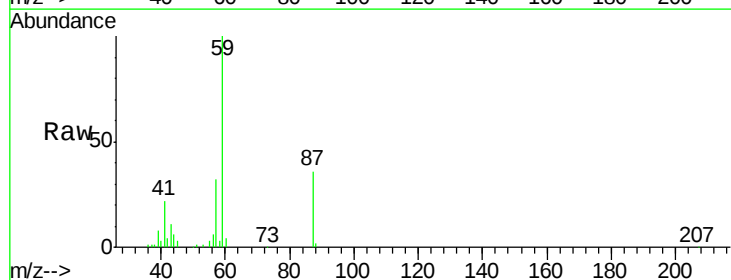
Acq: 26 Nov 2018 14:10

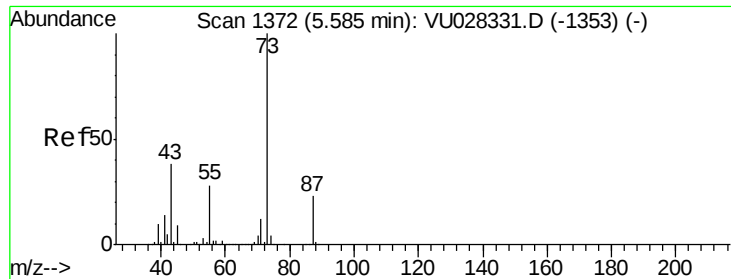
Tgt Ion: 59 Resp: 81087

Ion Ratio Lower Upper

59 100

87 37.1 28.2 42.4





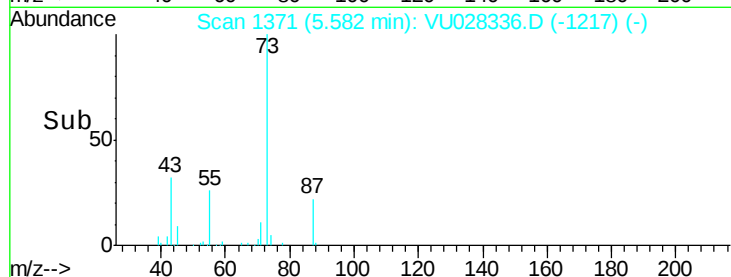
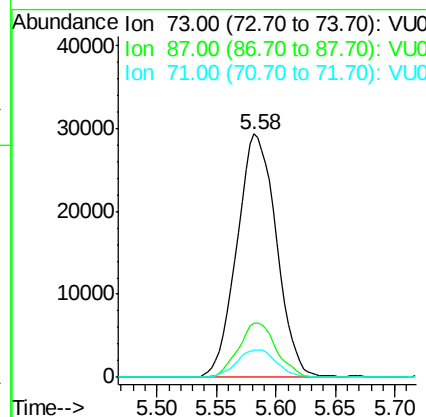
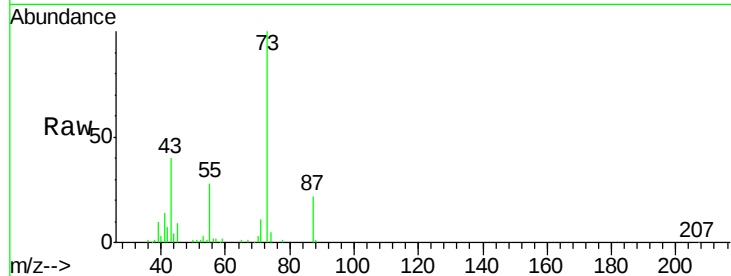
#33
Tert-Amyl methyl ether
Concen: 1.807 ug/l
RT: 5.58 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
87	21.3	17.6	26.4
71	11.4	9.2	13.8

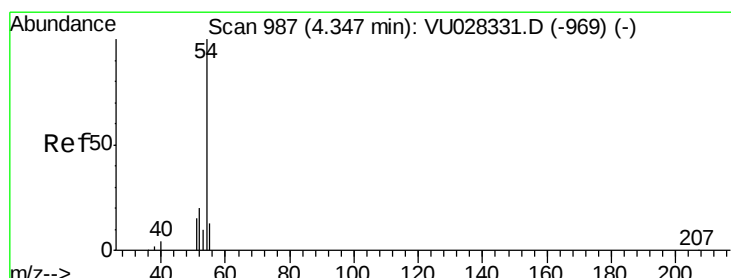
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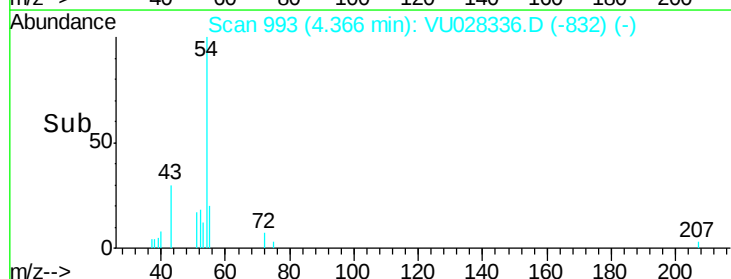
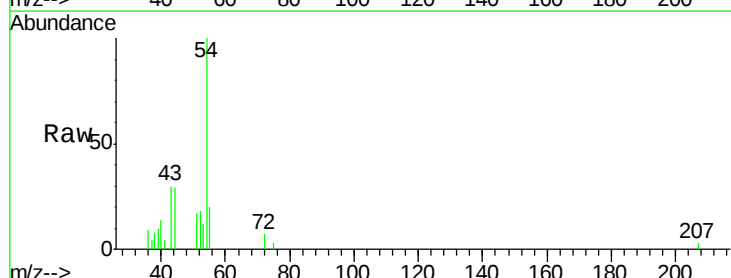
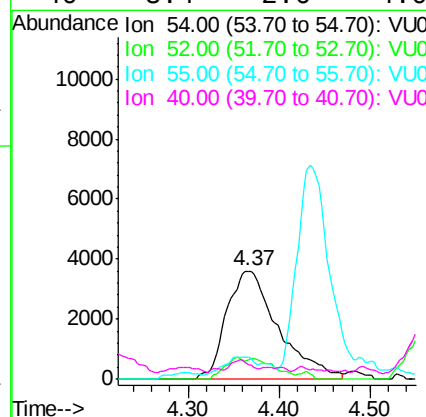
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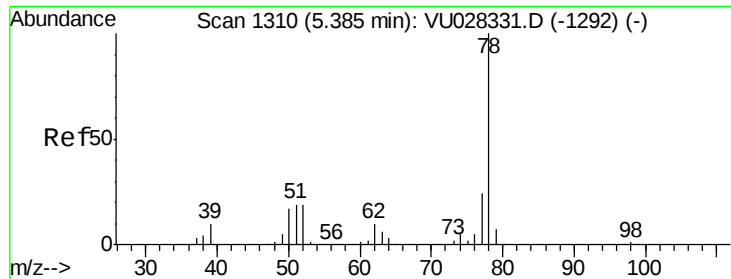
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#34
Propionitrile
Concen: 10.479 ug/l
RT: 4.37 min Scan# 993
Delta R.T. 0.02 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
54	100		
52	7.6	16.6	25.0#
55	6.5	12.9	19.3#
40	3.4	2.6	4.0





#35

Benzene

Concen: 1.816 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

Tgt Ion: 78 Resp: 117781

Ion Ratio Lower Upper

78 100

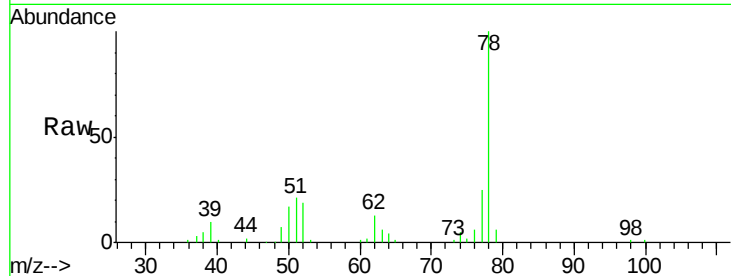
77 24.8 19.5 29.3

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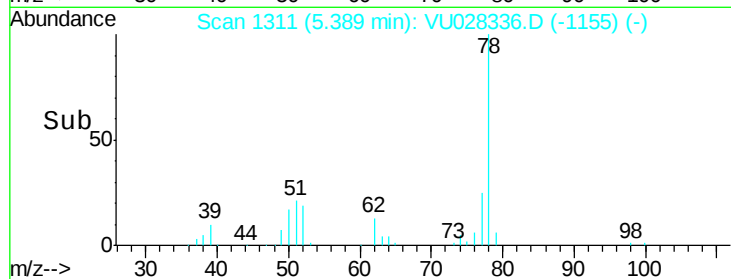
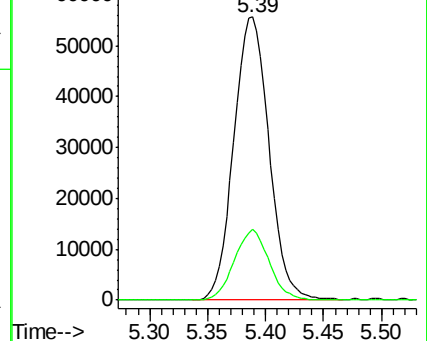
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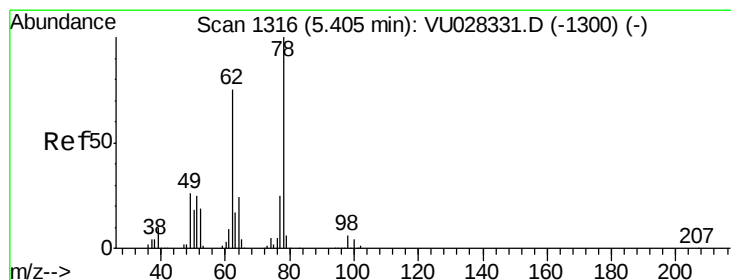
Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



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#36

1,2-Dichloroethane

Concen: 1.825 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU028336.D

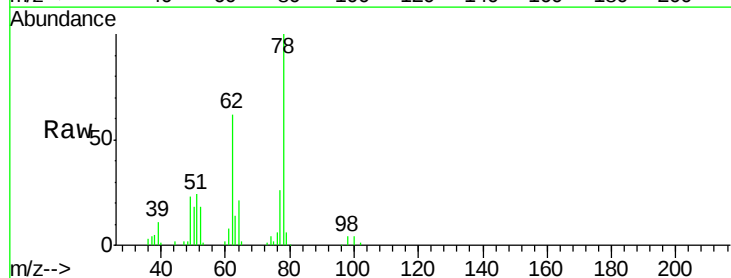
Acq: 26 Nov 2018 14:10

Tgt Ion: 62 Resp: 35398

Ion Ratio Lower Upper

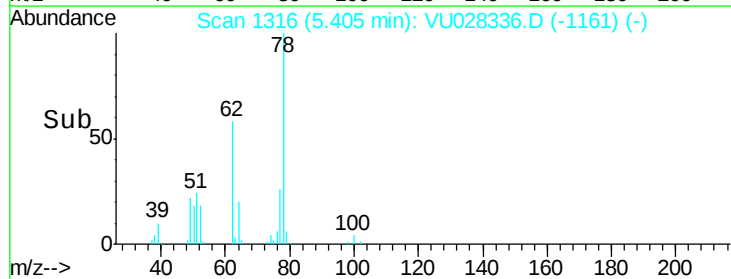
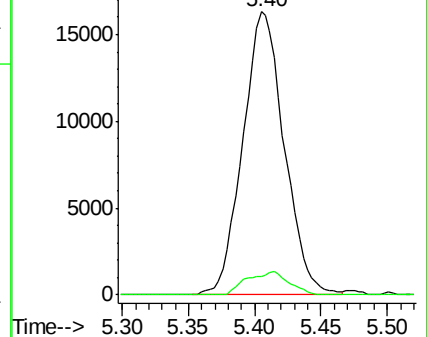
62 100

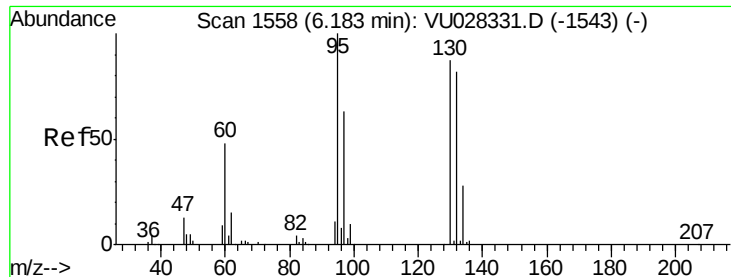
98 8.3 6.0 9.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





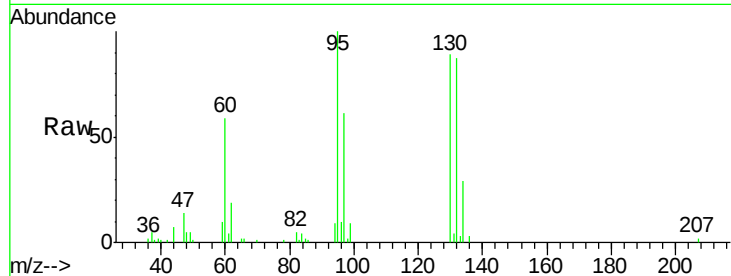
#37
 Trichloroethene
 Concen: 1.750 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

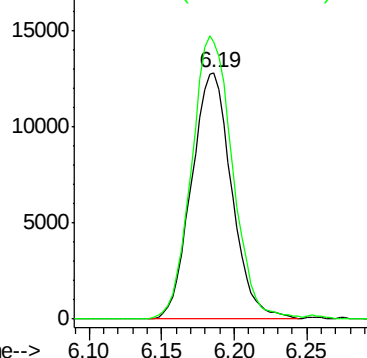
Tgt Ion: 130 Resp: 24726
 Ion Ratio Lower Upper
 130 100
 95 112.4 91.5 137.3

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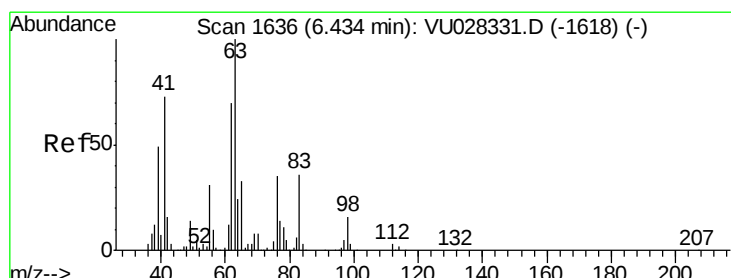
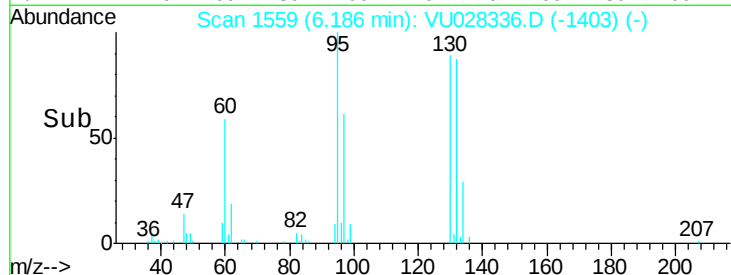


Abundance Ion 129.90 (129.60 to 130.60): VU028336.D (-1403) (-)
 Ion 94.90 (94.60 to 95.60): VU028336.D (-1403) (-)



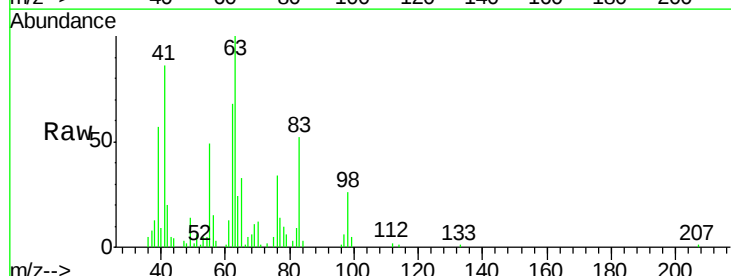
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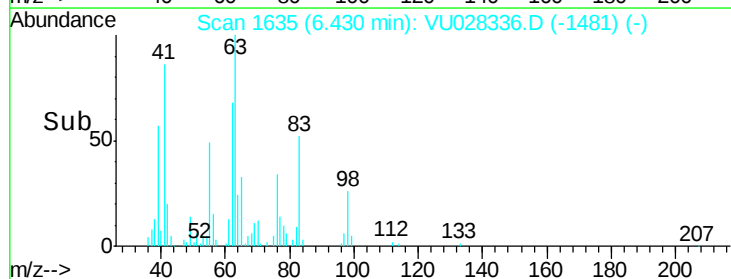
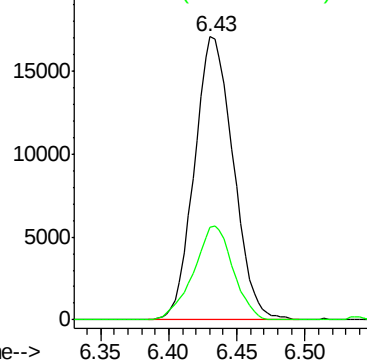


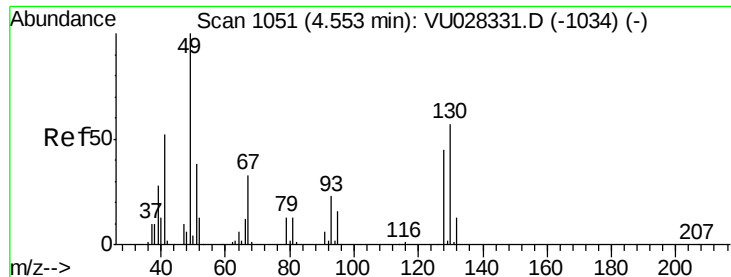
#38
 1,2-Dichloropropane
 Concen: 1.824 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 63 Resp: 33742
 Ion Ratio Lower Upper
 63 100
 65 32.6 26.2 39.4



Abundance Ion 63.00 (62.70 to 63.70): VU028336.D (-1481) (-)
 Ion 65.00 (64.70 to 65.70): VU028336.D (-1481) (-)





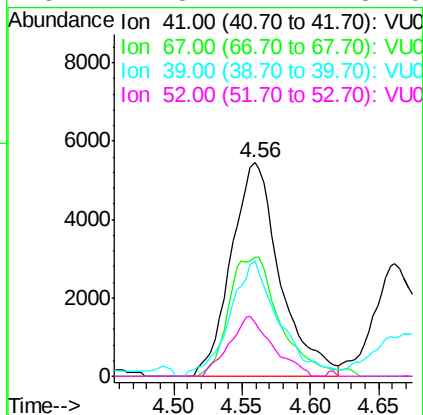
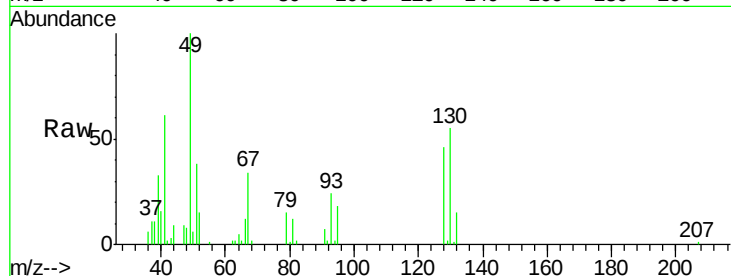
#39
Methacrylonitrile
Concen: 1.868 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
67	57.8	48.2	72.4
39	54.4	42.9	64.3
52	24.8	21.4	32.0

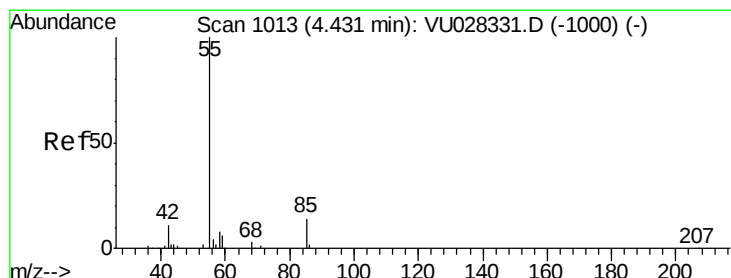
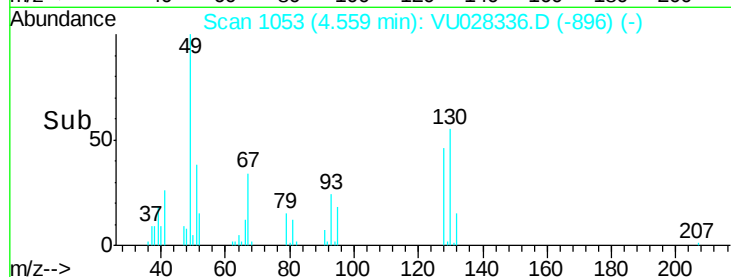
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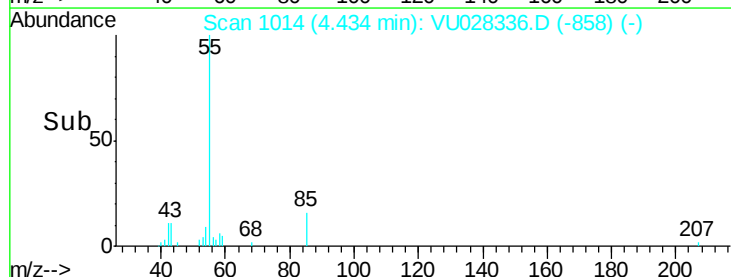
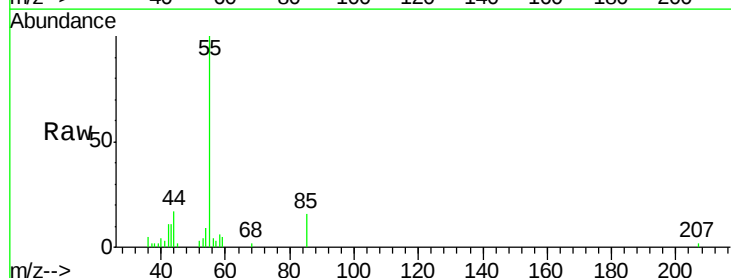
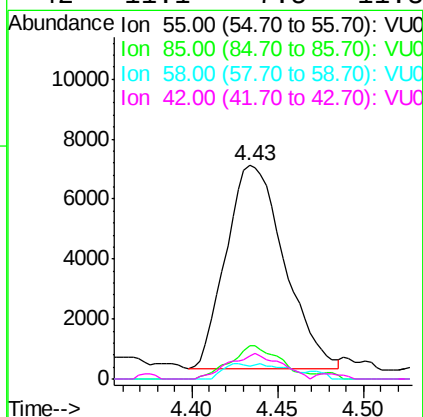
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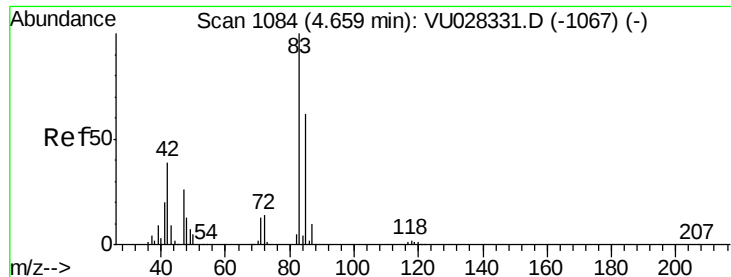
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#40
Methyl acrylate
Concen: 1.603 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
55	100		
85	14.1	10.9	16.3
58	3.4	6.4	9.6#
42	11.1	7.5	11.3





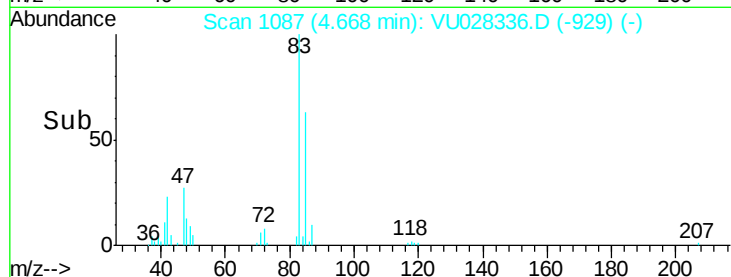
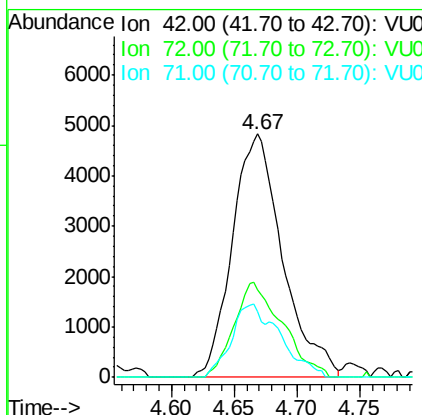
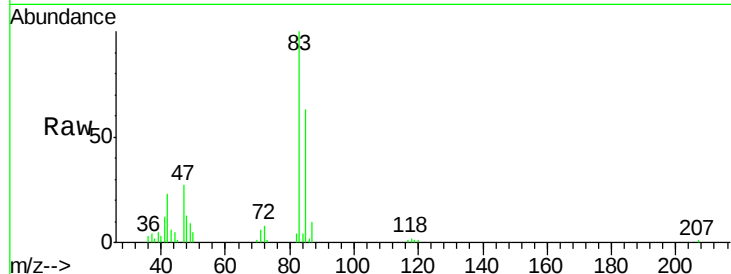
#41
Tetrahydrofuran
Concen: 3.707 ug/l
RT: 4.67 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.2	29.8	44.6
71	29.0	25.9	38.9

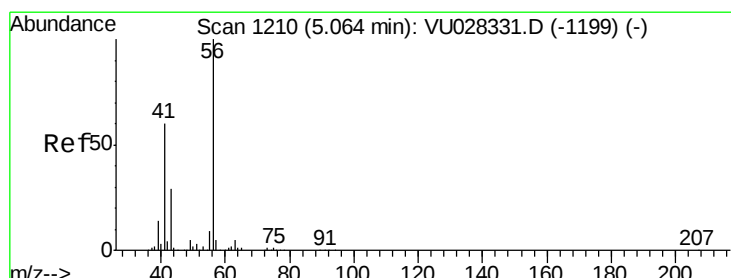
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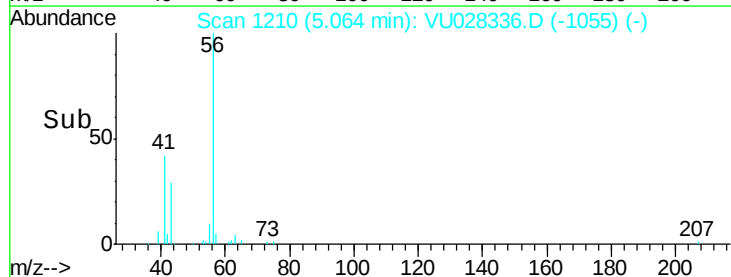
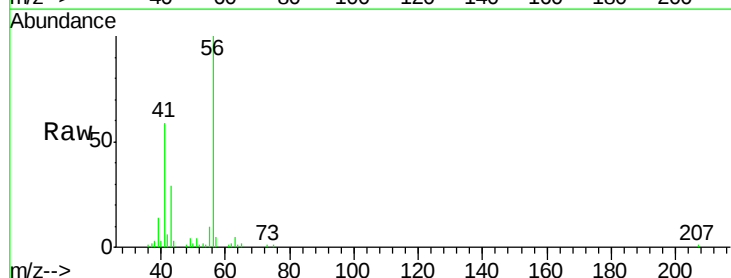
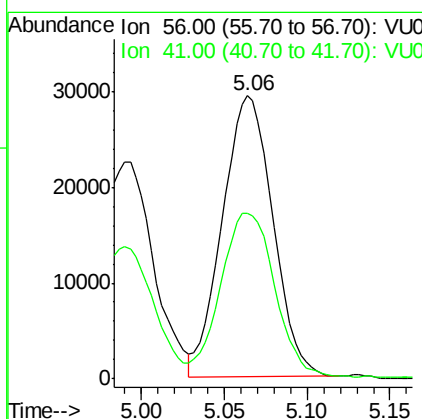
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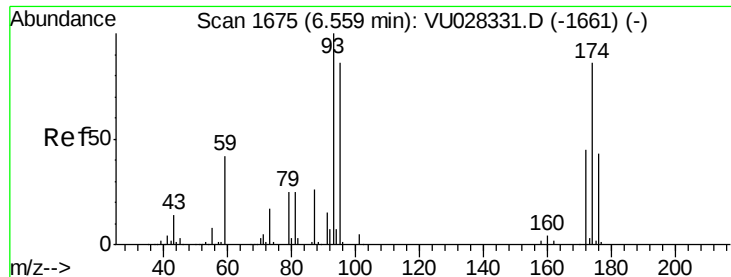
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#42
1-Chlorobutane
Concen: 1.781 ug/l
RT: 5.06 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
56	100		
41	62.2	29.8	89.3





#43

Dibromomethane

Concen: 1.861 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

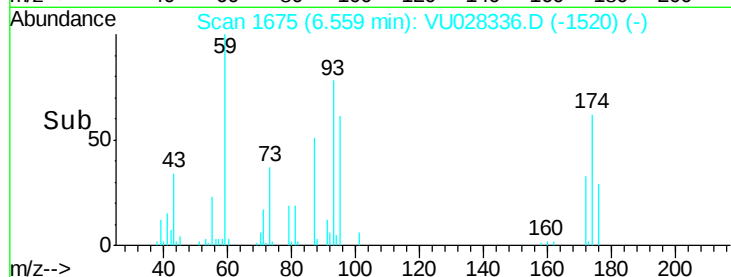
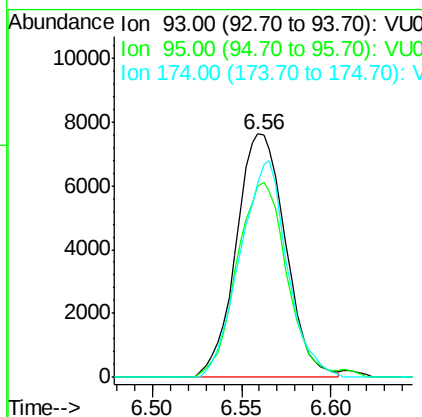
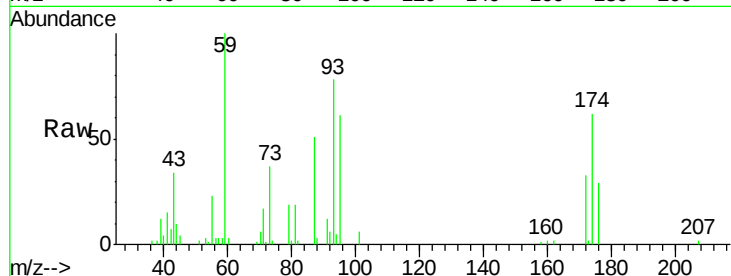
ClientSampleId :

VU1126WBSD01

Tgt Ion:	93	Resp:	14654
Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.6	99.8
174	85.3	69.4	104.2

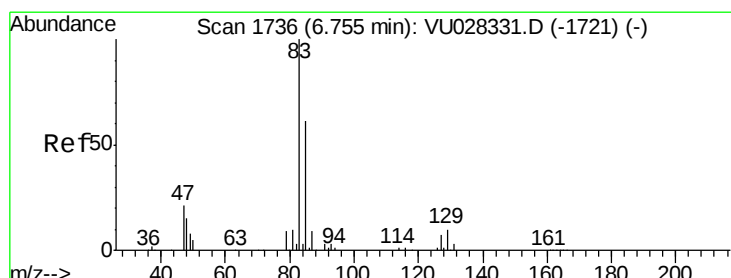
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#44

Bromodichloromethane

Concen: 1.808 ug/l

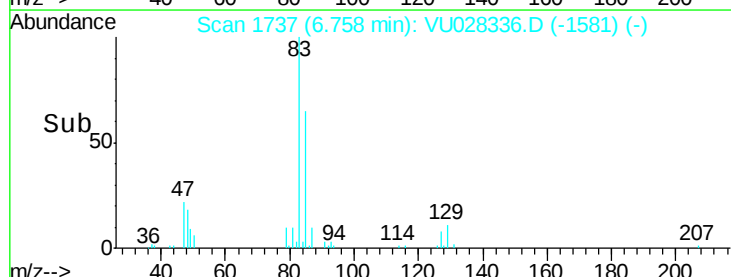
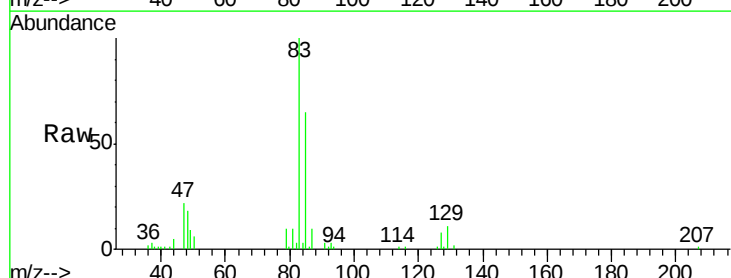
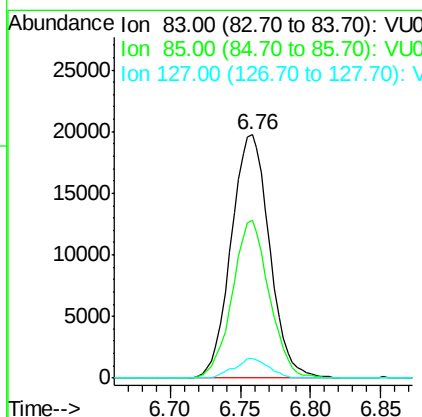
RT: 6.76 min Scan# 1737

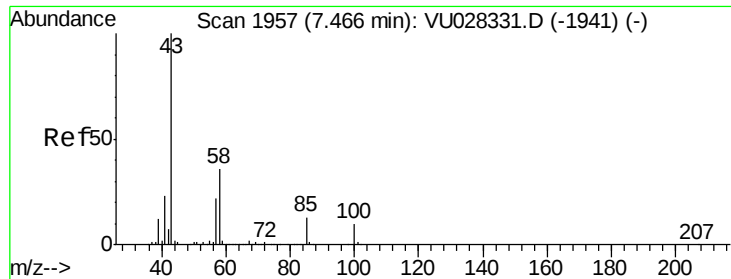
Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Tgt Ion:	83	Resp:	37601
Ion	Ratio	Lower	Upper
83	100		
85	64.9	49.0	73.6
127	8.2	5.7	8.5





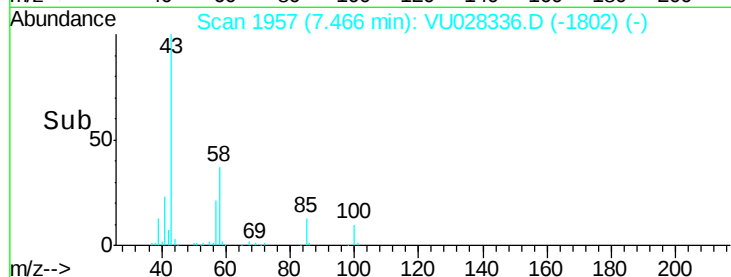
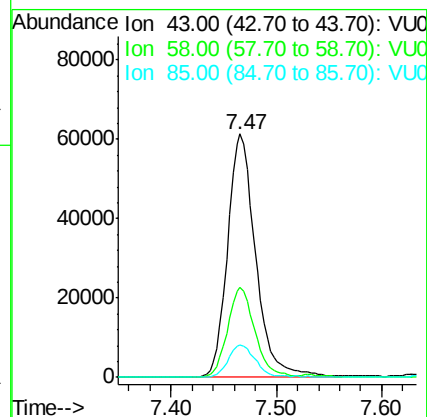
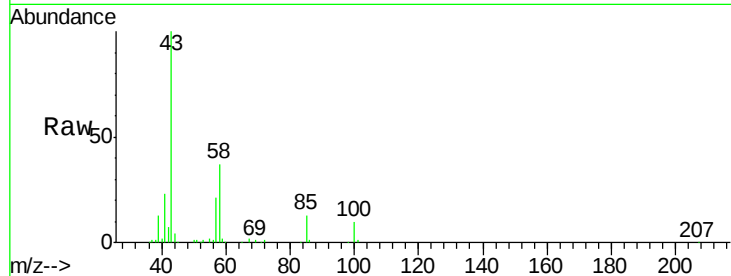
#45
4-Methyl-2-Pentanone
Concen: 8.958 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	17.9	53.7
85	12.7	10.8	16.2

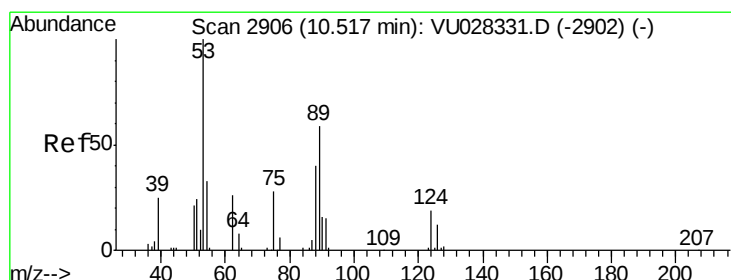
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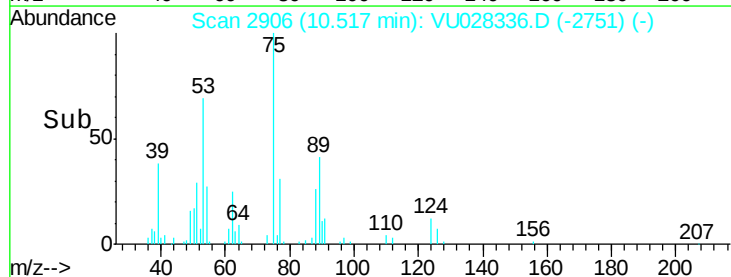
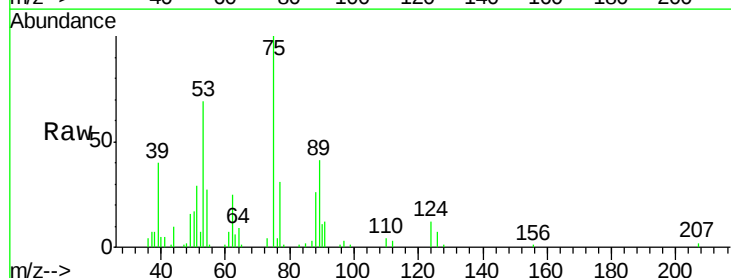
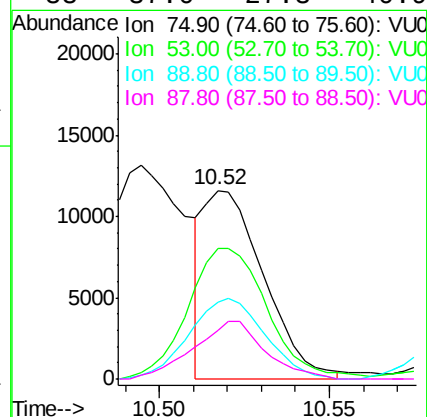
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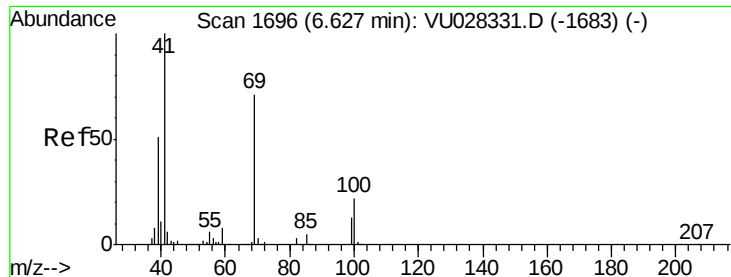
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#46
t-1,4-Dichloro-2-butene
Concen: 3.036 ug/l m
RT: 10.52 min Scan# 2906
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.7	65.0	97.6
89	54.7	38.6	58.0
88	37.0	27.3	40.9





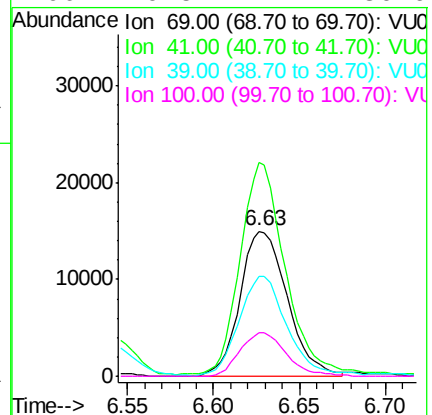
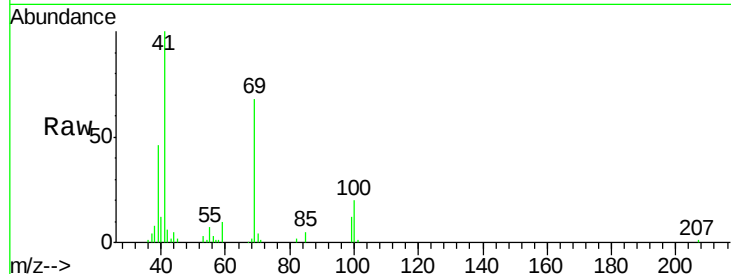
#47
Methyl methacrylate
Concen: 3.547 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	138.6	0.0	277.2
39	70.8	57.6	86.4
100	29.5	24.4	36.6

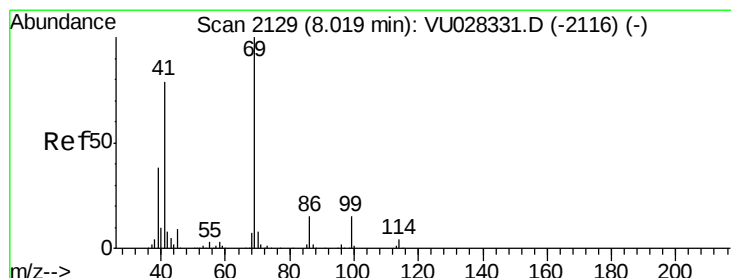
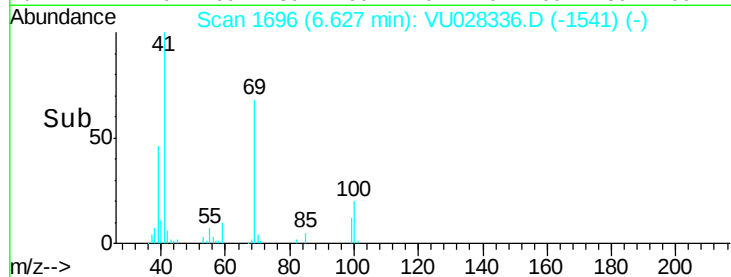
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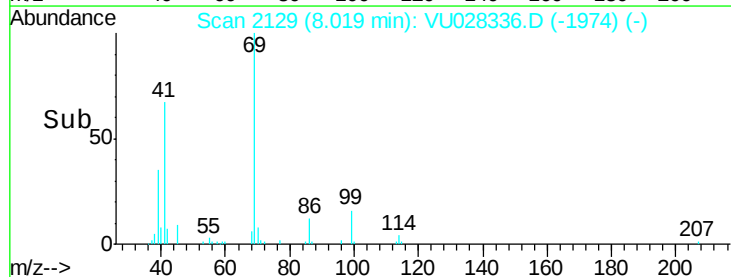
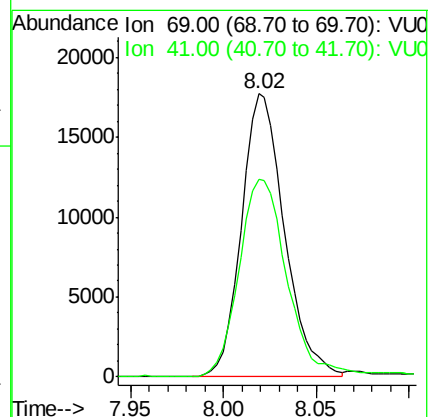
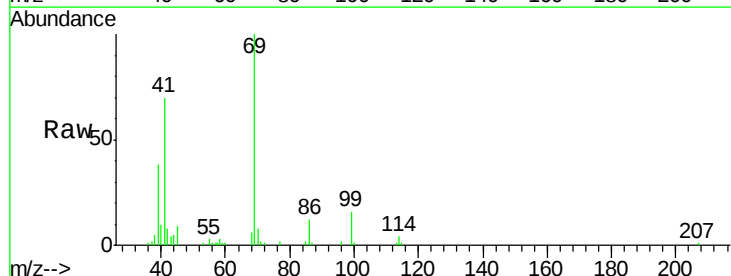
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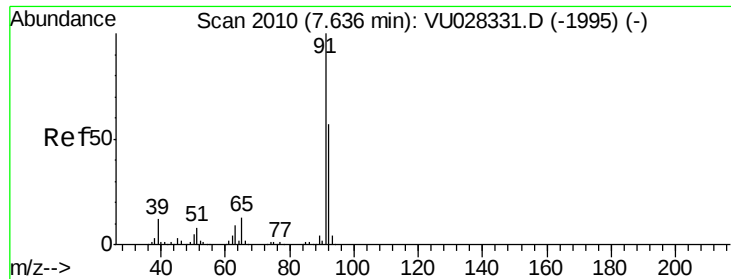
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#48
Ethyl methacrylate
Concen: 1.774 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.0	39.4	118.2





#49

Toluene

Concen: 1.877 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

Tgt Ion: 92 Resp: 67617

Ion Ratio Lower Upper

92 100

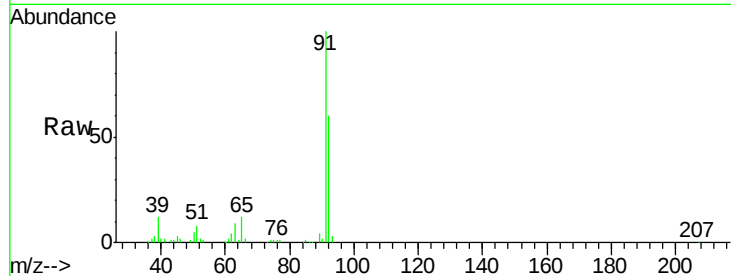
91 170.9 141.5 212.3

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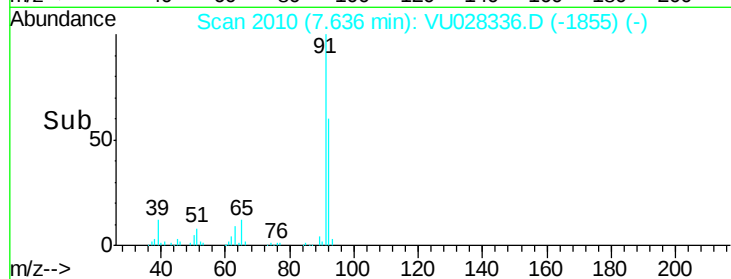
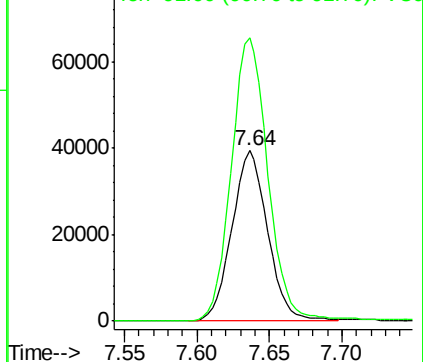
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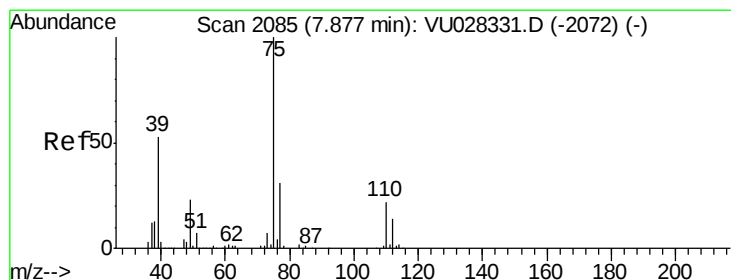
Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



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#50

t-1,3-Dichloropropene

Concen: 1.756 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU028336.D

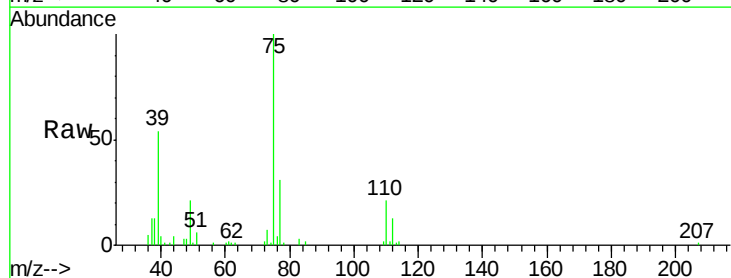
Acq: 26 Nov 2018 14:10

Tgt Ion: 75 Resp: 35066

Ion Ratio Lower Upper

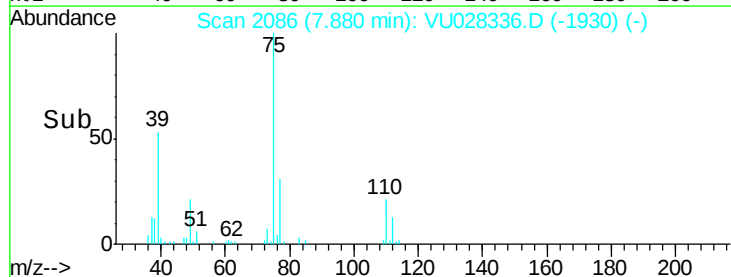
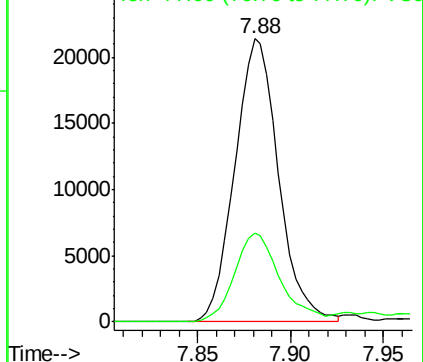
75 100

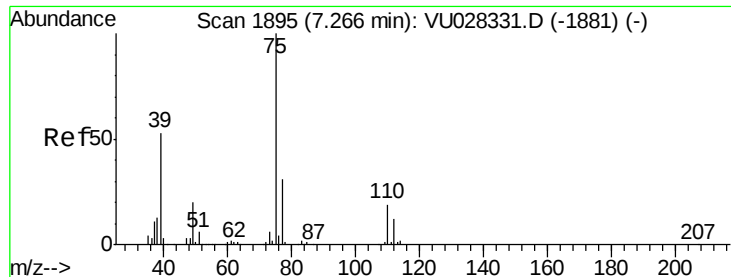
77 31.3 24.7 37.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





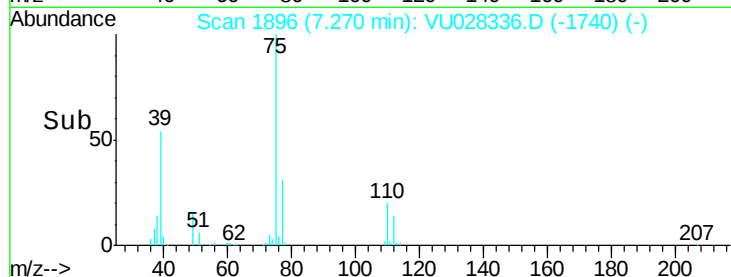
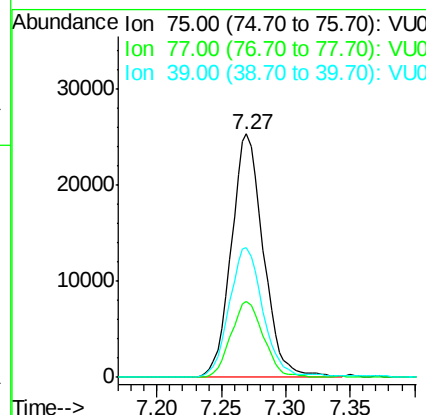
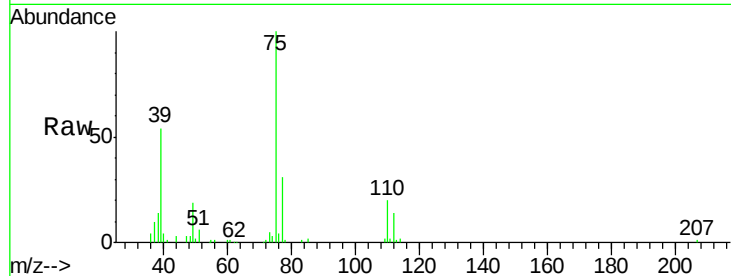
#51
 cis-1,3-Dichloropropene
 Concen: 1.776 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.4	36.6
39	53.5	42.8	64.2

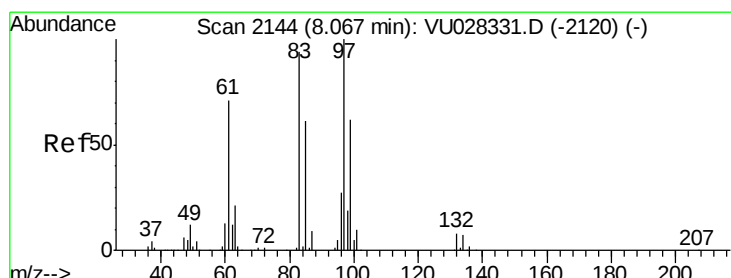
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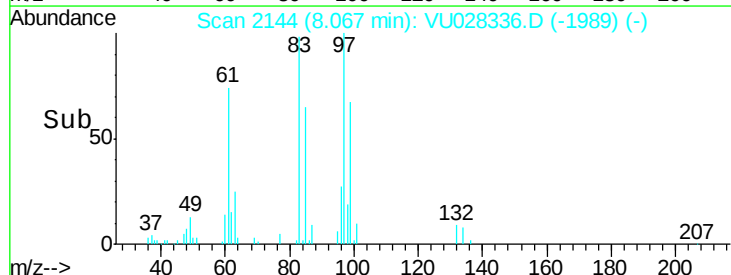
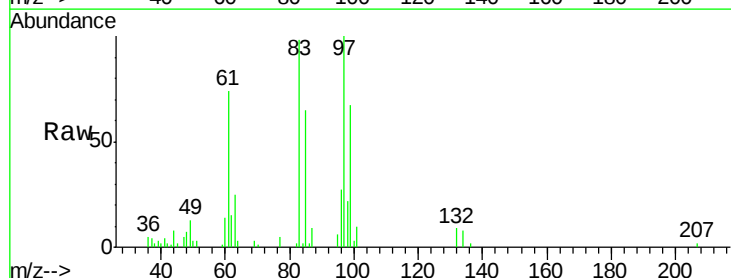
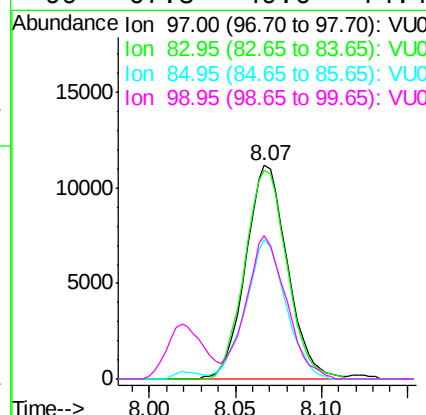
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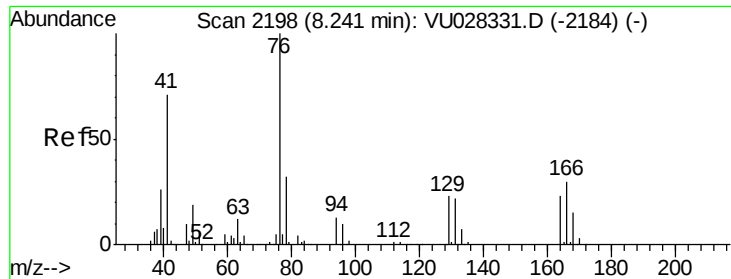
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#52
 1,1,2-Trichloroethane
 Concen: 1.709 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	97.6	75.1	112.7
85	65.2	48.7	73.1
99	67.3	49.6	74.4





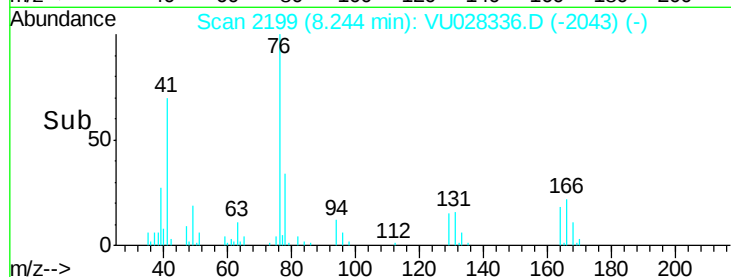
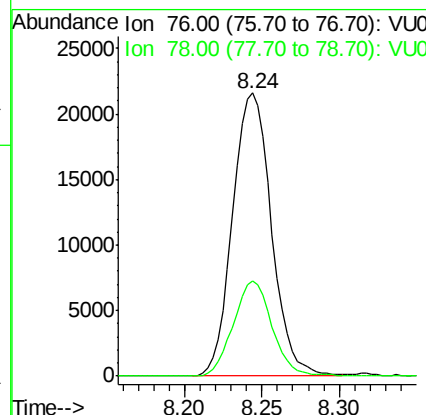
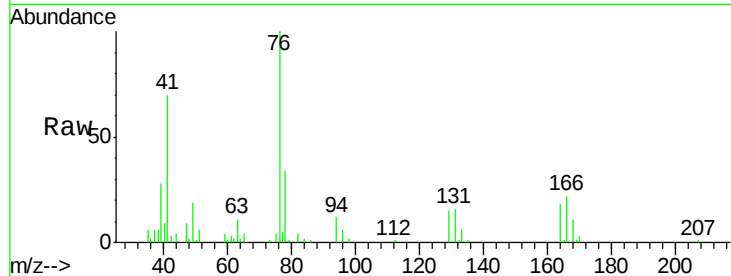
#53
 1,3-Dichloropropane
 Concen: 1.824 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Tgt Ion: 76 Resp: 37658
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.4 38.0

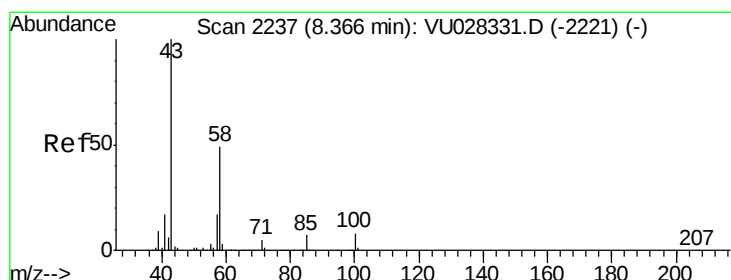
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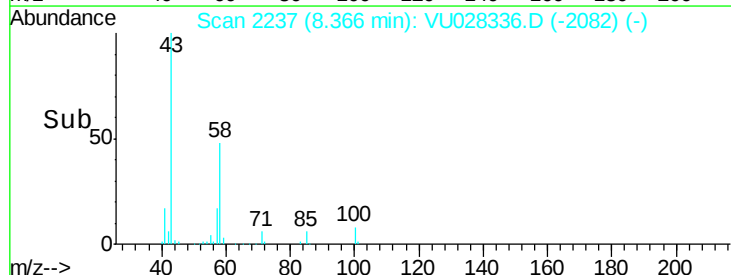
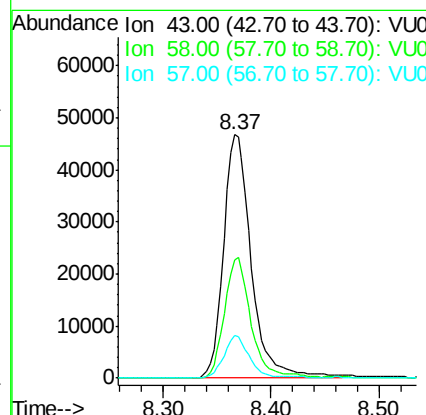
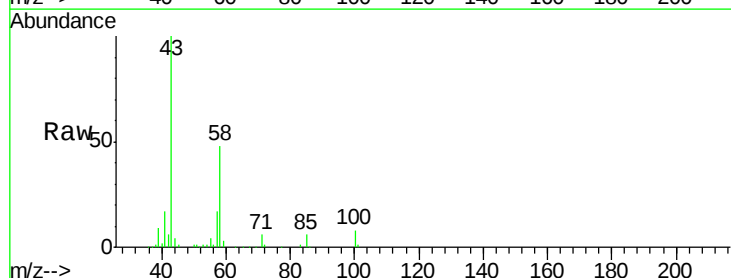
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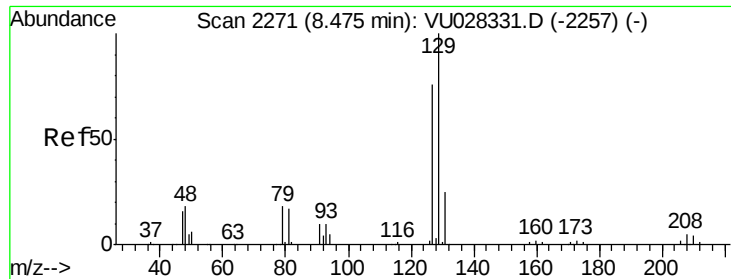
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#54
 2-Hexanone
 Concen: 9.169 ug/l
 RT: 8.37 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 43 Resp: 83429
 Ion Ratio Lower Upper
 43 100
 58 47.6 29.3 69.3
 57 15.7 0.0 36.8





#55

Dibromochloromethane

Concen: 1.731 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

Tgt Ion:129 Resp: 20361

Ion Ratio Lower Upper

129 100

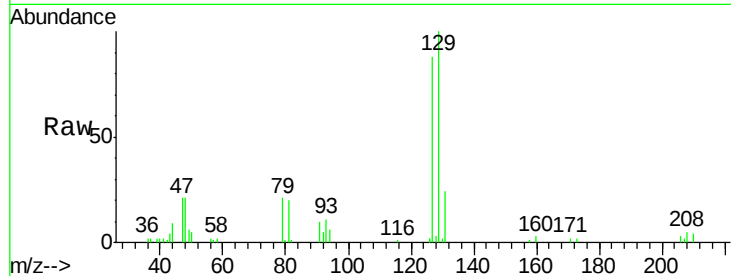
127 80.2 61.0 91.4

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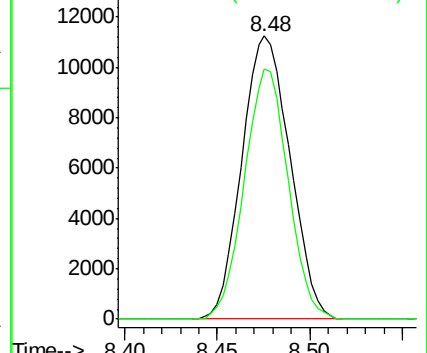
MMDadoda

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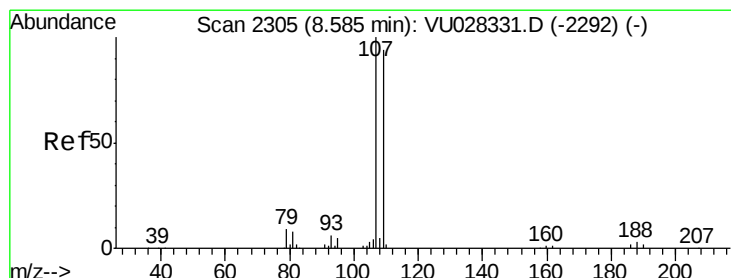
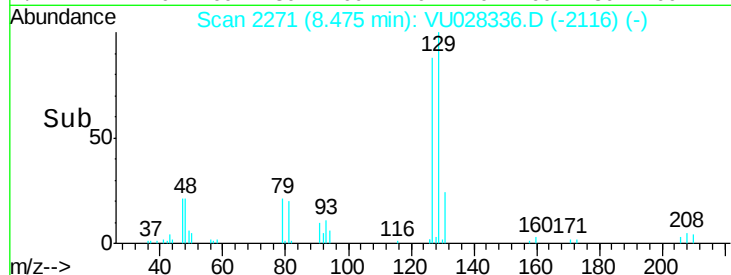
Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



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#56

1,2-Dibromoethane

Concen: 1.777 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU028336.D

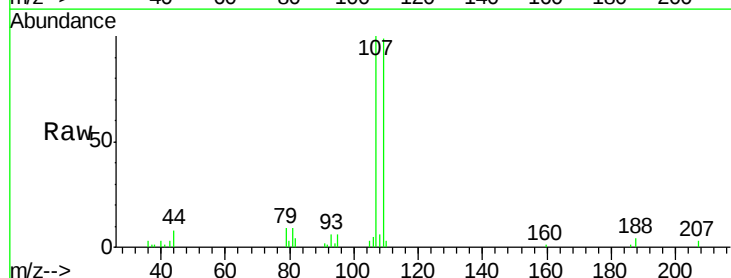
Acq: 26 Nov 2018 14:10

Tgt Ion:107 Resp: 17890

Ion Ratio Lower Upper

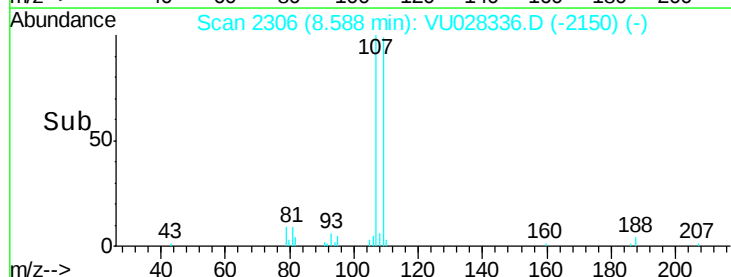
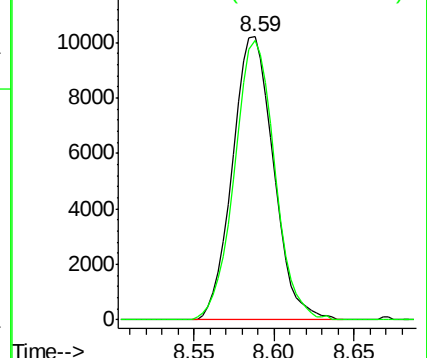
107 100

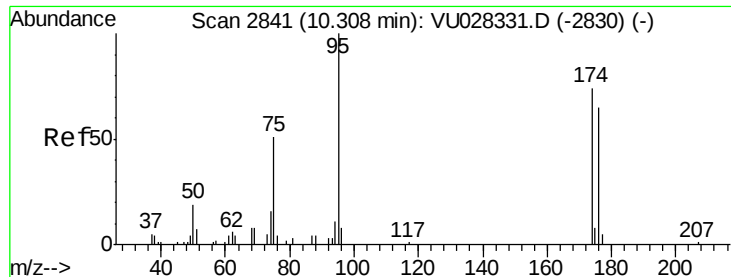
109 96.5 0.0 187.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





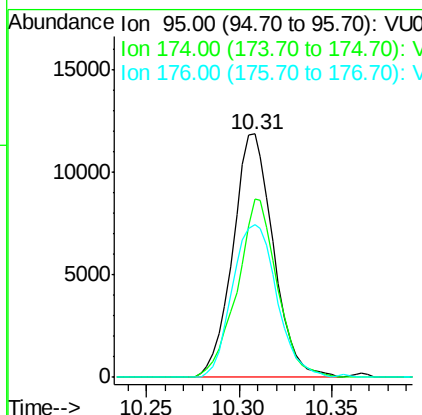
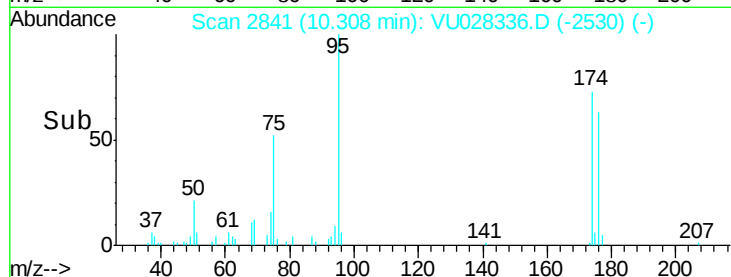
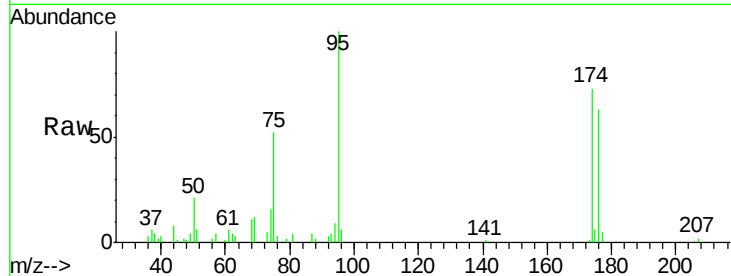
#57
4-Bromofluorobenzene
Concen: 1.777 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	18030		
174	72.1	59.3	88.9	
176	69.0	54.3	81.5	

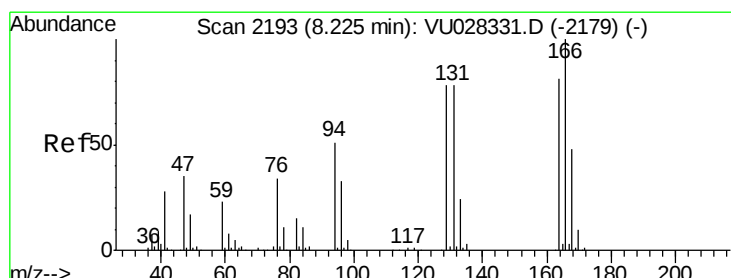
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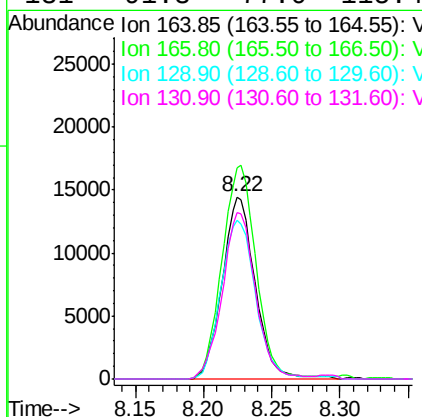
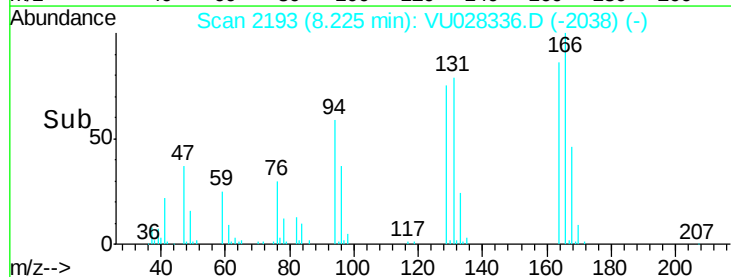
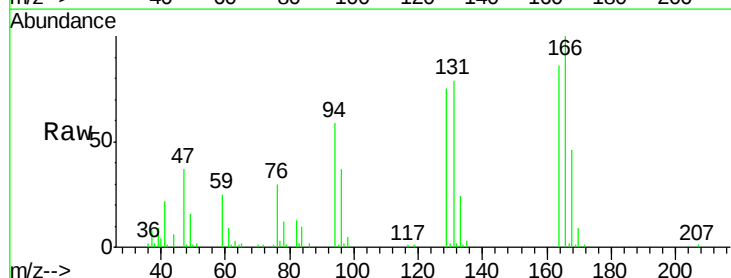
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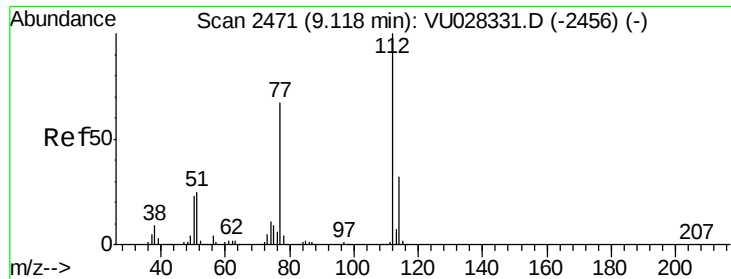
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#58
Tetrachloroethene
Concen: 1.874 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	24245		
166	116.0	98.6	148.0	
129	86.9	77.0	115.4	
131	91.3	77.0	115.4	





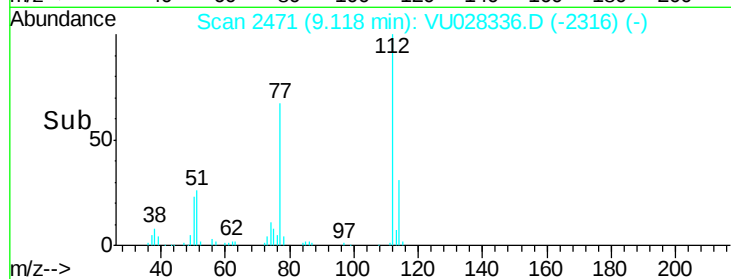
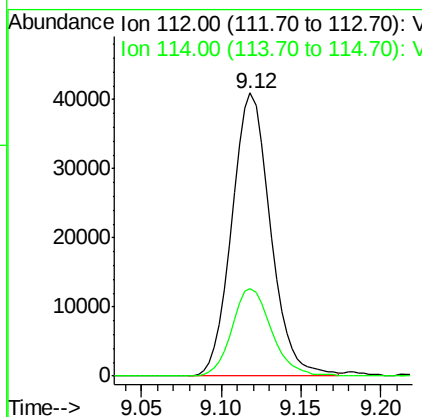
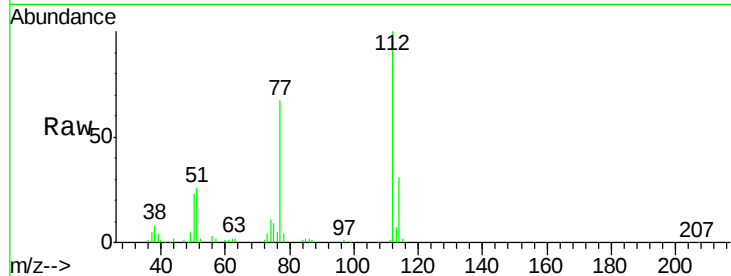
#59
Chlorobenzene
Concen: 1.798 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion:112 Resp: 67408
Ion Ratio Lower Upper
112 100
114 31.1 25.2 37.8

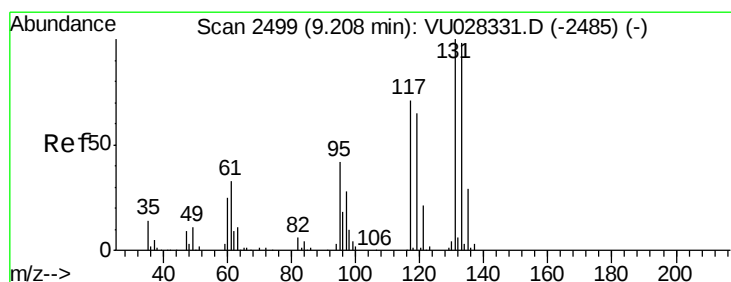
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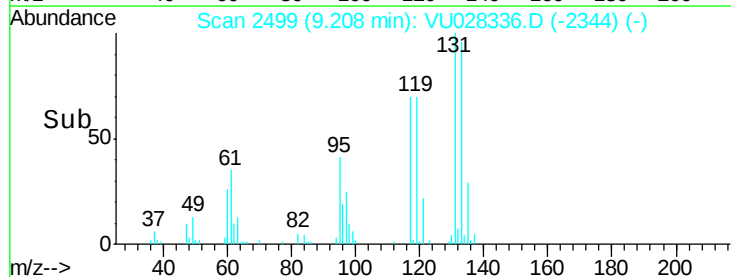
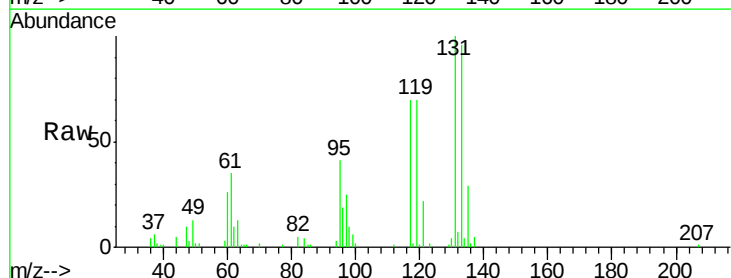
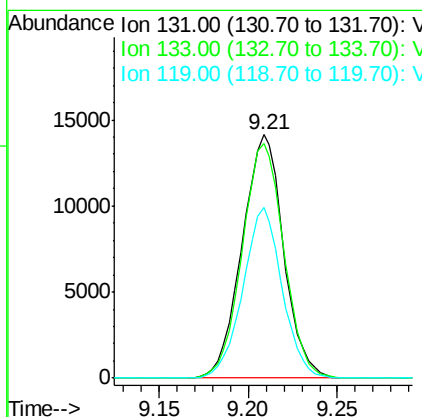
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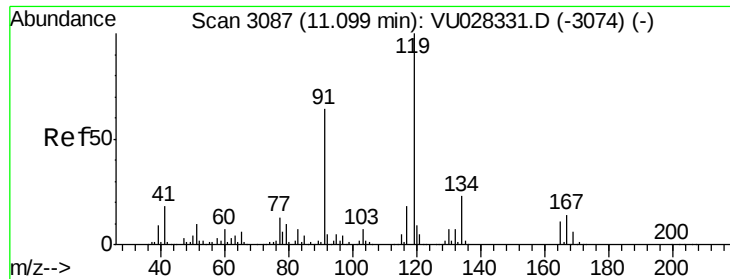
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.804 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion:131 Resp: 22921
Ion Ratio Lower Upper
131 100
133 96.7 77.7 116.5
119 66.1 54.3 81.5





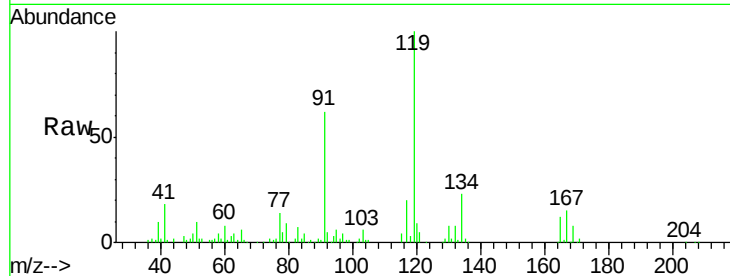
#61
 Pentachloroethane
 Concen: 1.779 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

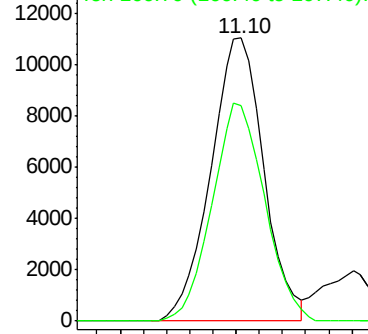
Tgt Ion:117 Resp: 17590
 Ion Ratio Lower Upper
 117 100
 167 76.4 64.2 96.2

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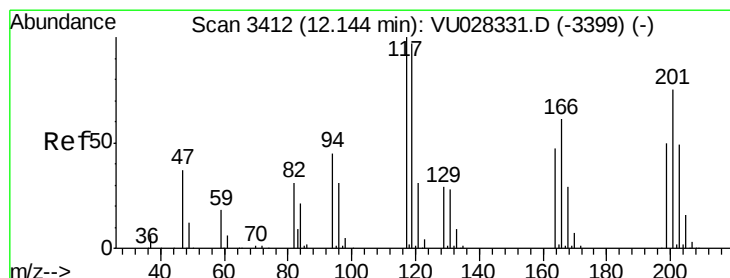
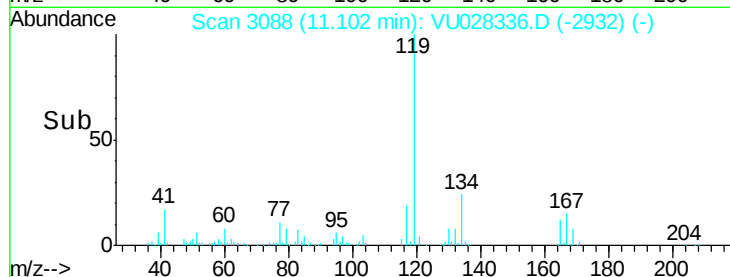


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V



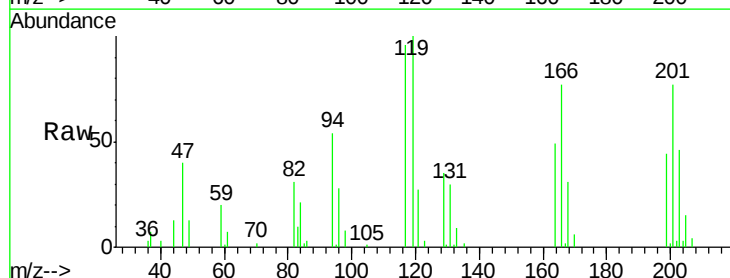
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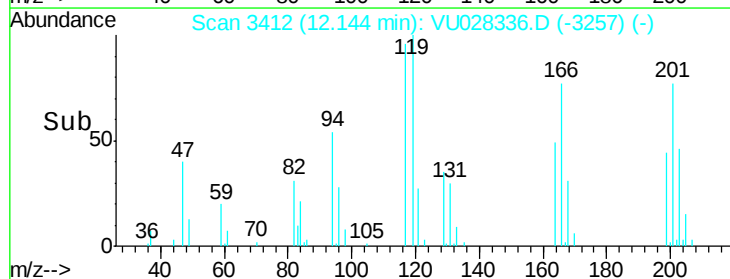
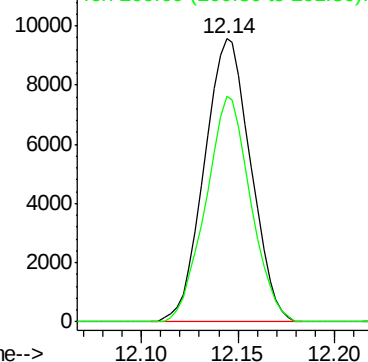


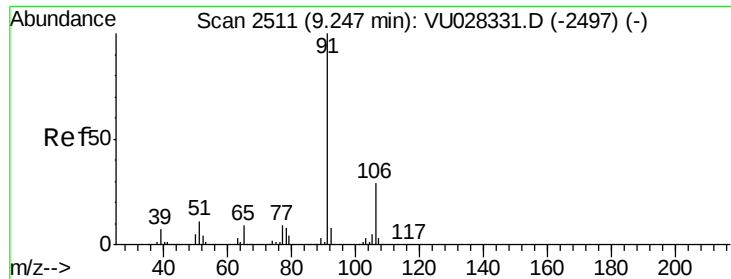
#62
 Hexachloroethane
 Concen: 1.717 ug/l
 RT: 12.14 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion:117 Resp: 15907
 Ion Ratio Lower Upper
 117 100
 201 77.2 59.4 89.2



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.787 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

Tgt Ion: 91 Resp: 123588

Ion Ratio Lower Upper

91 100

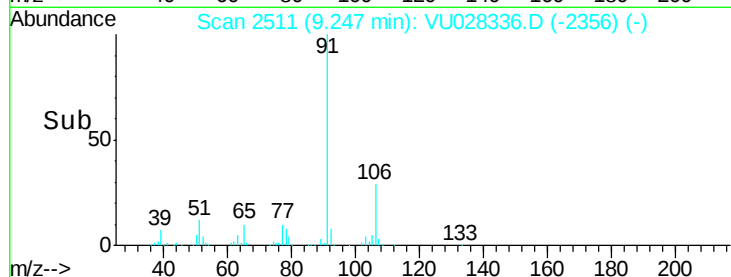
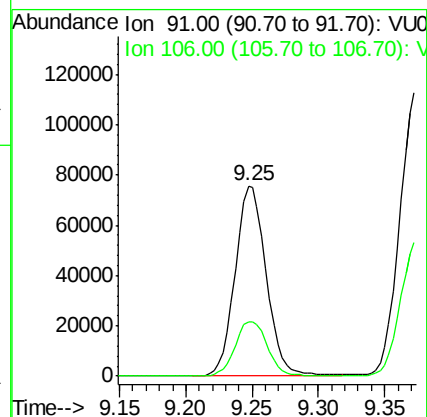
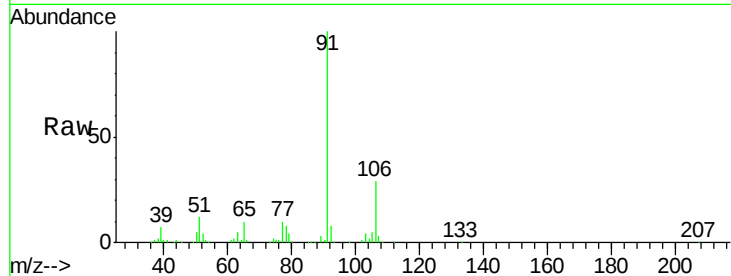
106 28.8 23.4 35.2

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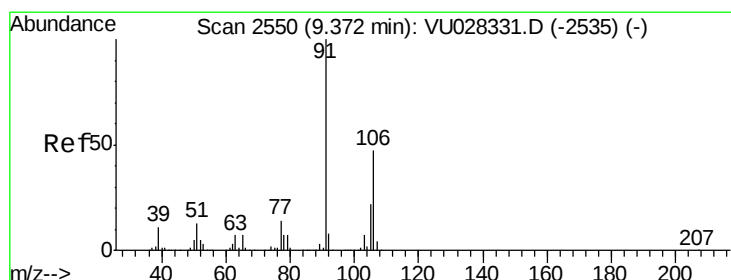
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#64

m/p-Xylenes

Concen: 3.543 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU028336.D

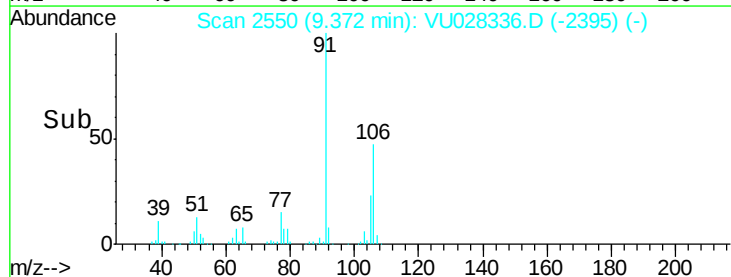
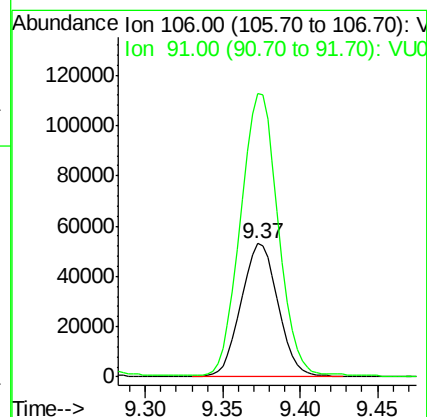
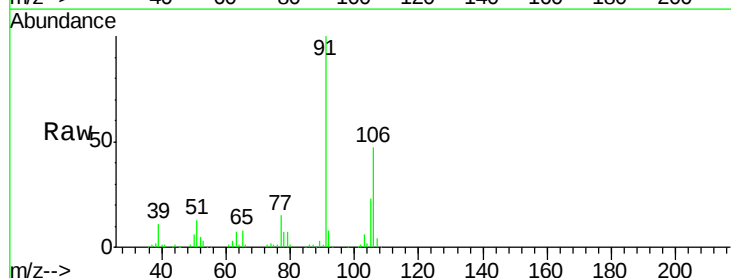
Acq: 26 Nov 2018 14:10

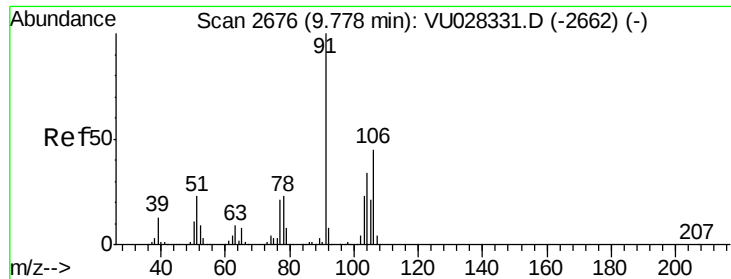
Tgt Ion: 106 Resp: 88682

Ion Ratio Lower Upper

106 100

91 214.2 170.6 256.0





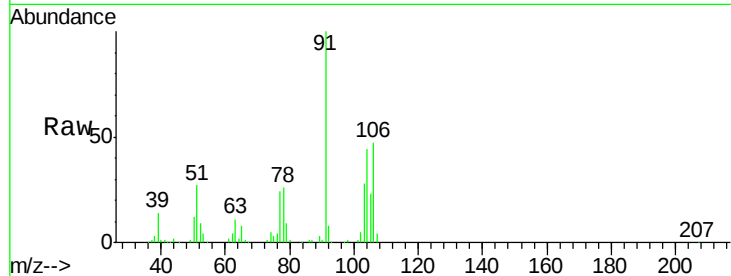
#65
o-Xylene
Concen: 1.836 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

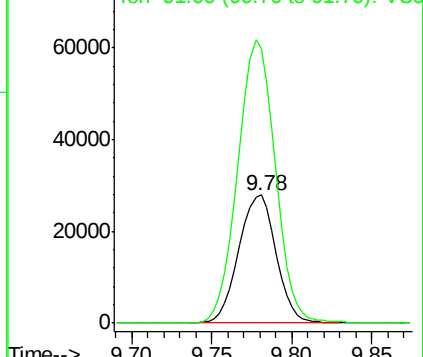
Tgt Ion:106 Resp: 44358
Ion Ratio Lower Upper
106 100
91 222.2 112.3 337.0

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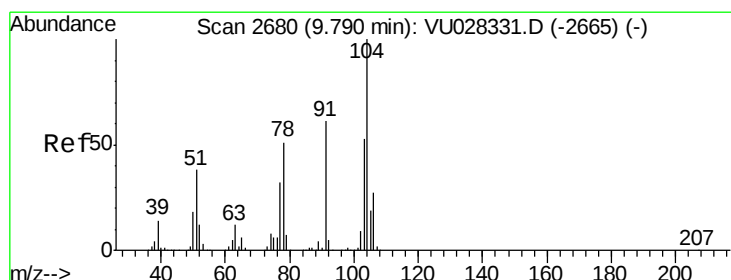
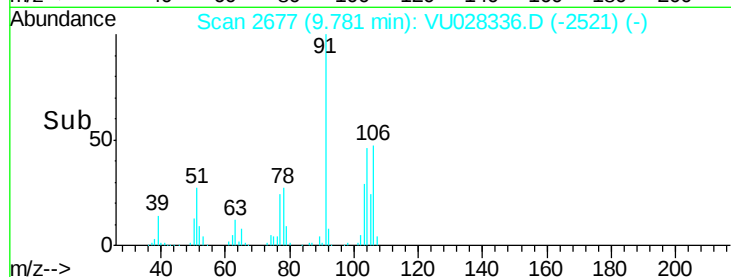


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



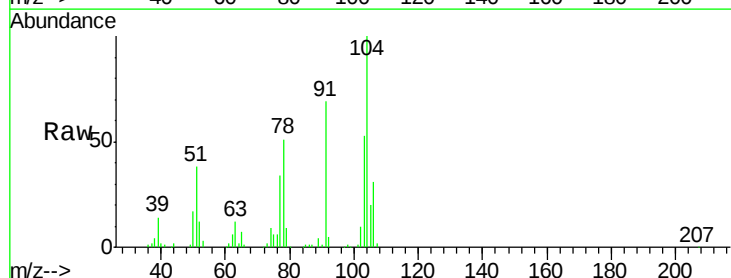
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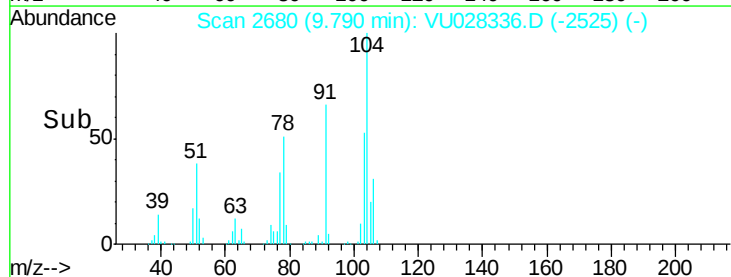
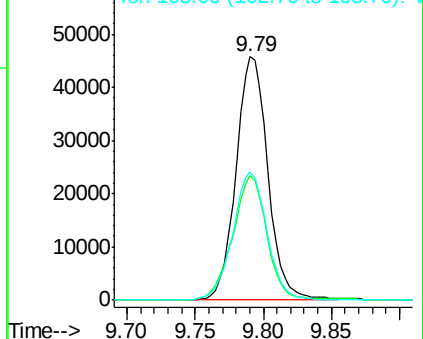


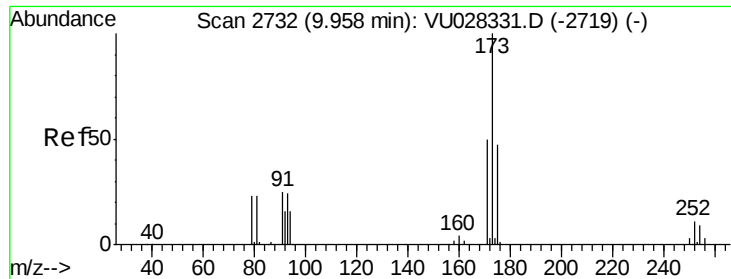
#66
Styrene
Concen: 1.793 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion:104 Resp: 74267
Ion Ratio Lower Upper
104 100
78 54.7 44.0 66.0
103 56.5 45.2 67.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.748 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

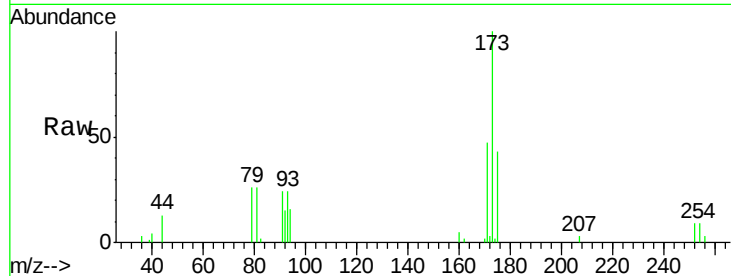
ClientSampleId :

VU1126WBSD01

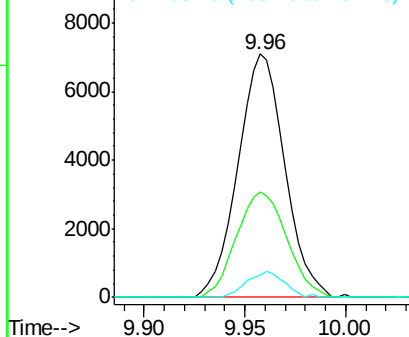
Tgt Ion:	173	Resp:	11517
Ion Ratio	Lower	Upper	
173	100		
175	46.4	39.0	58.6
254	8.6	6.8	10.2

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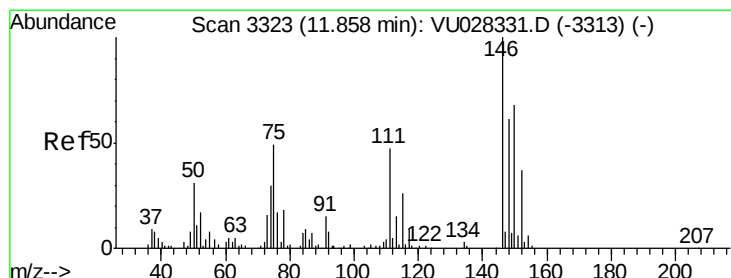
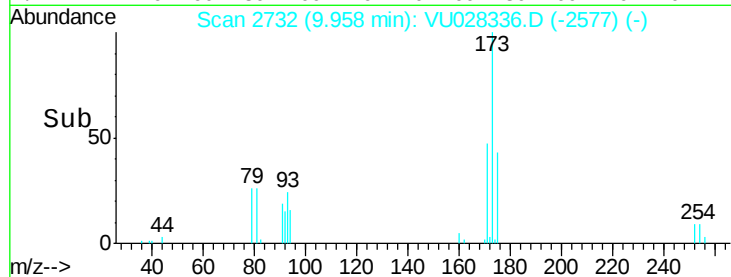


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



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#68

1,2-Dichlorobenzene-d4

Concen: 1.748 ug/l

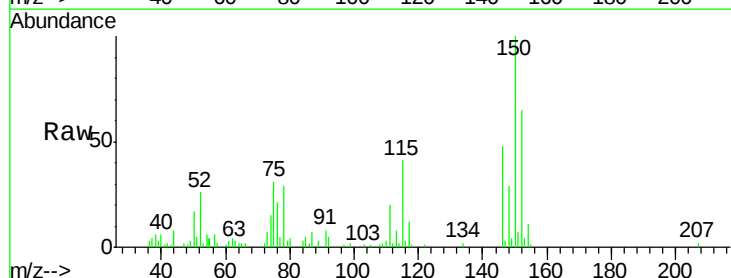
RT: 11.86 min Scan# 3324

Delta R.T. 0.00 min

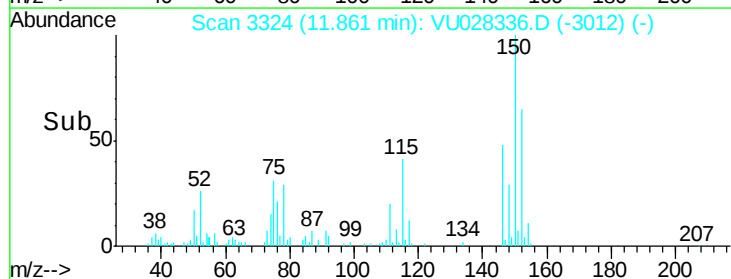
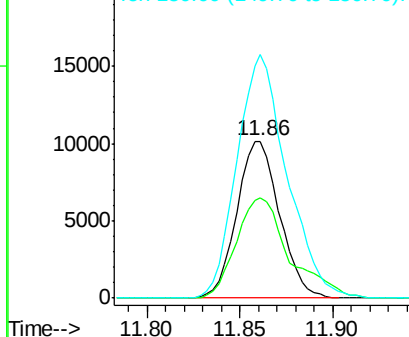
Lab File: VU028336.D

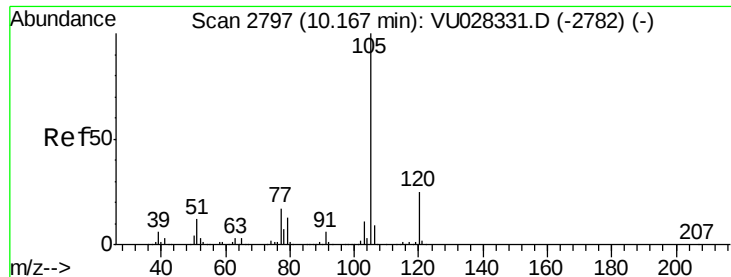
Acq: 26 Nov 2018 14:10

Tgt Ion:	152	Resp:	16315
Ion Ratio	Lower	Upper	
152	100		
115	79.2	0.0	146.8
150	181.7	0.0	653.2



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: 1.812 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

Tgt Ion: 105 Resp: 117230

Ion Ratio Lower Upper

105 100

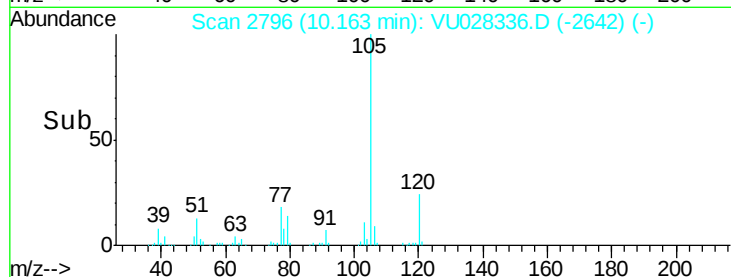
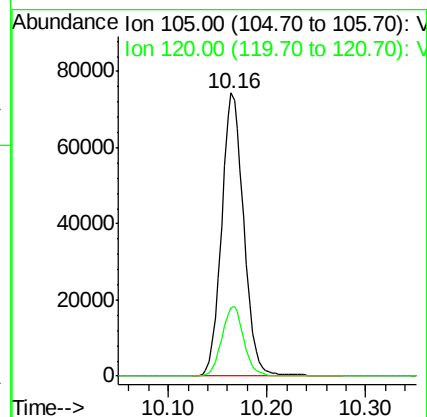
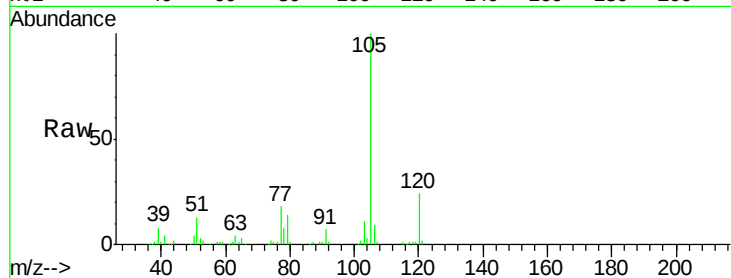
120 24.4 12.6 37.6

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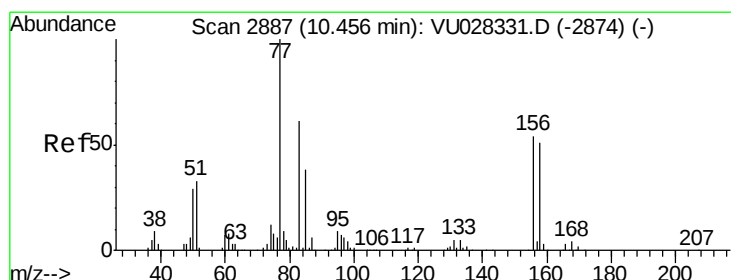
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#70

1,1,2,2-Tetrachloroethane

Concen: 1.768 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

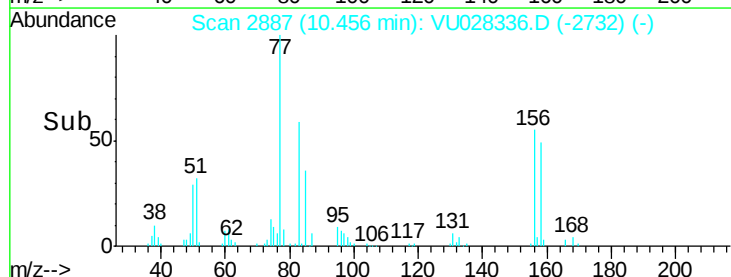
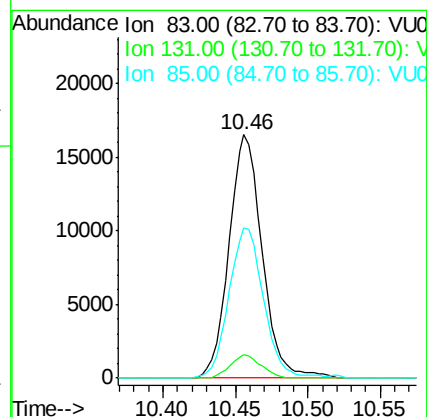
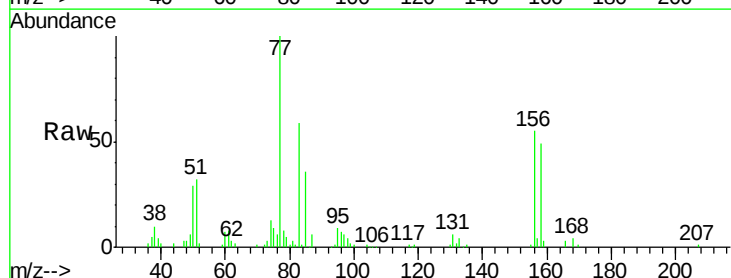
Tgt Ion: 83 Resp: 26215

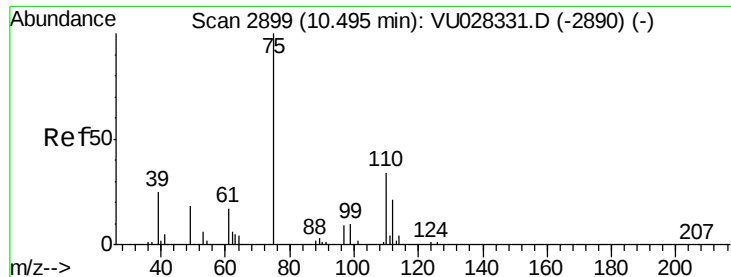
Ion Ratio Lower Upper

83 100

131 8.7 6.6 9.8

85 64.4 50.5 75.7





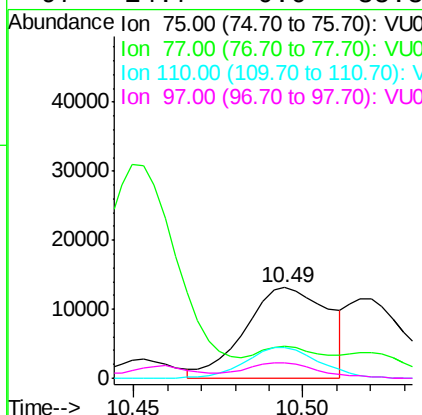
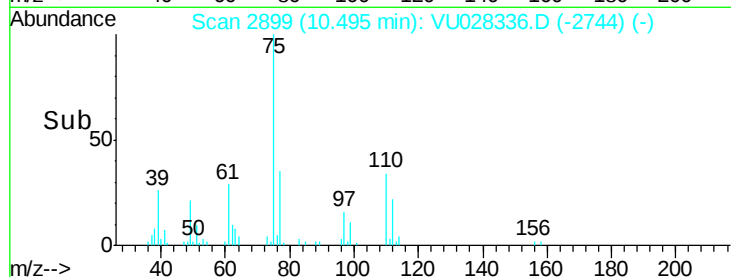
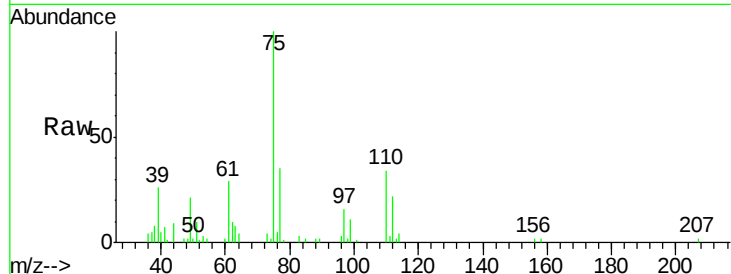
#71
1,2,3-Trichloropropane
Concen: 2.185 ug/l m
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	9.2	0.0	0.0#
110	29.9	0.0	67.6
97	14.7	0.0	35.8

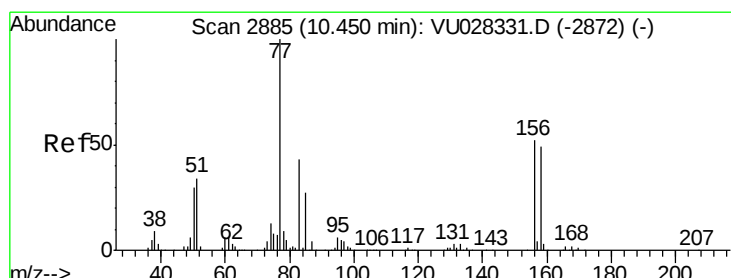
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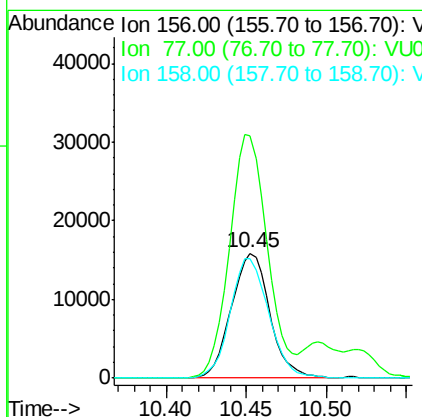
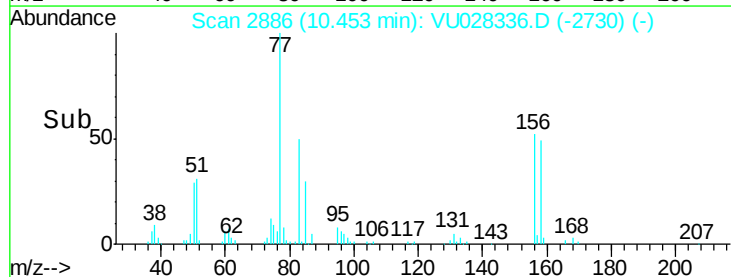
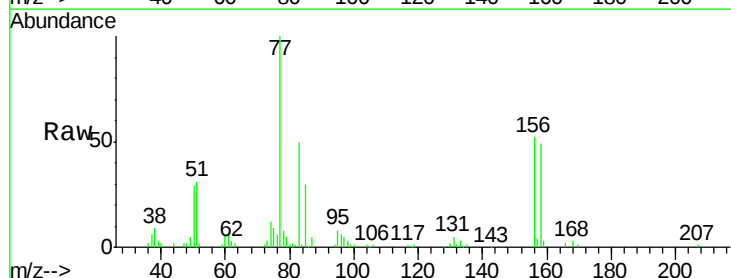
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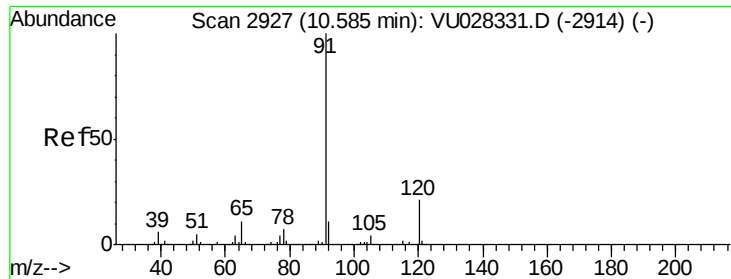
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#72
Bromobenzene
Concen: 1.808 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
156	100		
77	193.0	0.0	380.4
158	96.0	0.0	191.2





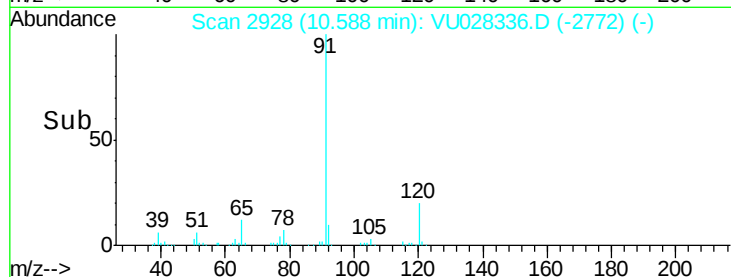
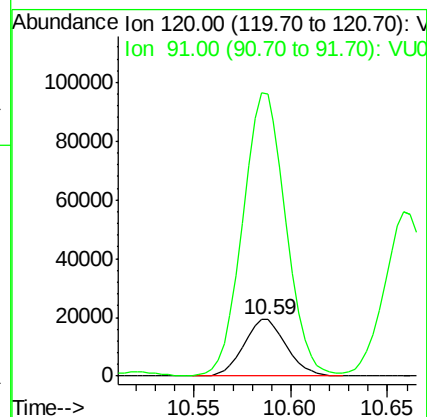
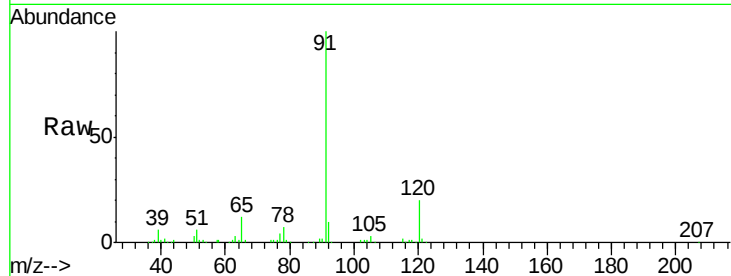
#73
n-propylbenzene
Concen: 1.752 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion:120 Resp: 29396
Ion Ratio Lower Upper
120 100
91 505.3 388.1 582.1

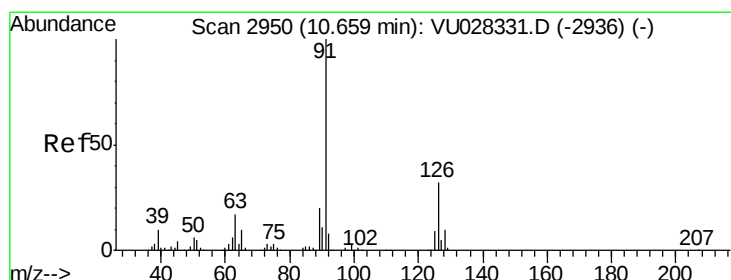
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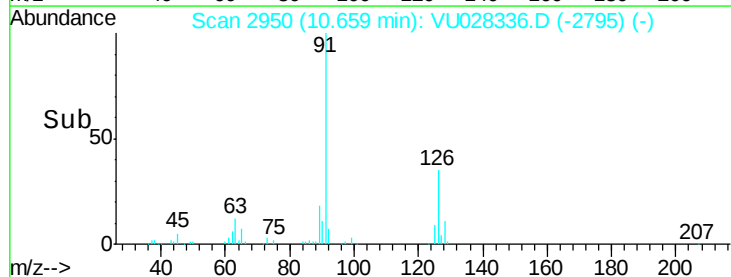
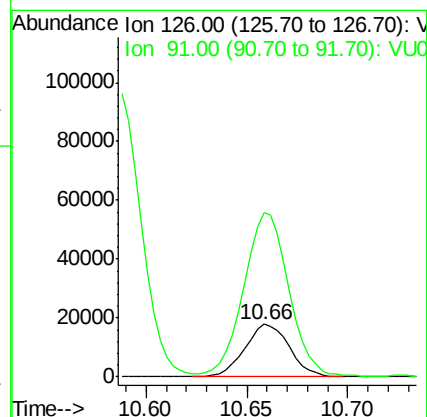
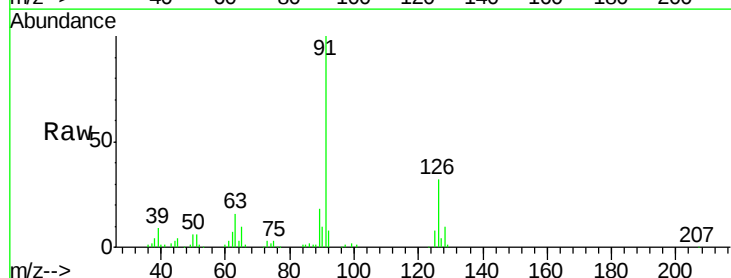
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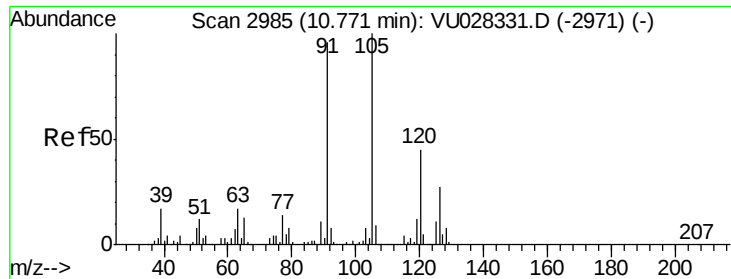
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#74
2-Chlorotoluene
Concen: 1.891 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion:126 Resp: 27796
Ion Ratio Lower Upper
126 100
91 311.3 0.0 661.0





#75

1,3,5-Trimethylbenzene

Concen: 1.787 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

Tgt Ion:105 Resp: 97288

Ion Ratio Lower Upper

105 100

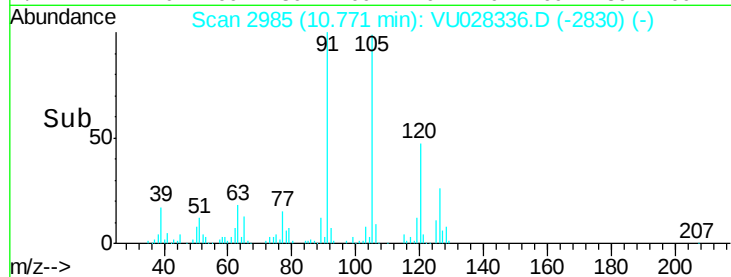
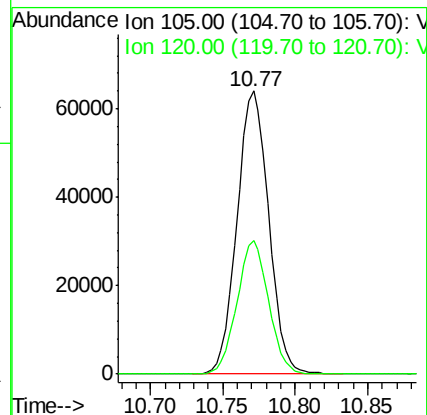
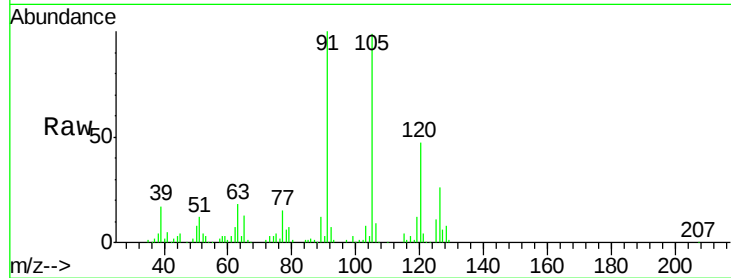
120 46.9 36.3 54.5

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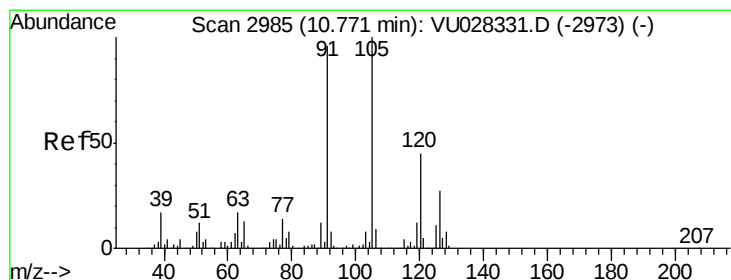
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#76

4-Chlorotoluene

Concen: 1.826 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028336.D

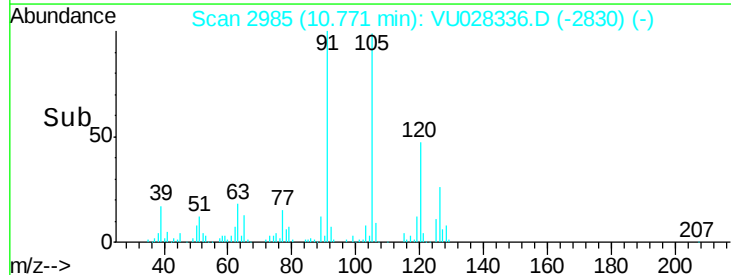
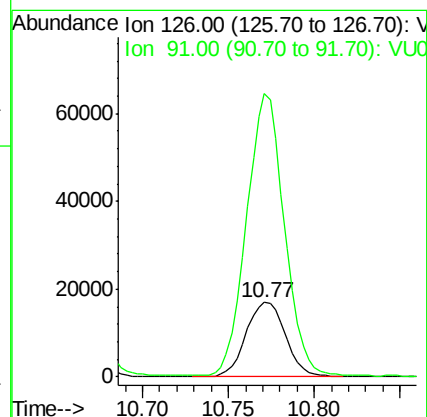
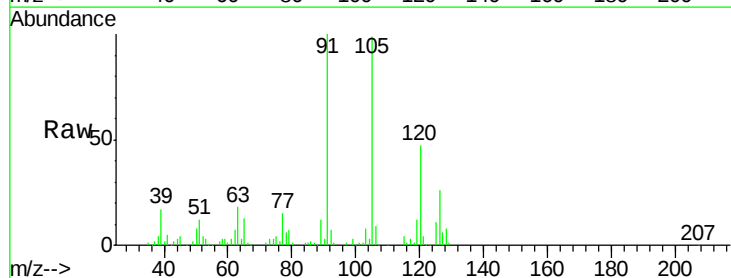
Acq: 26 Nov 2018 14:10

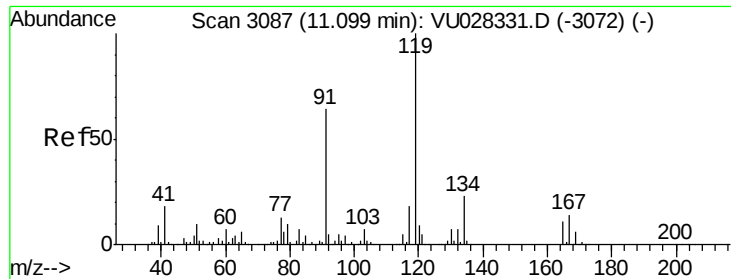
Tgt Ion:126 Resp: 27204

Ion Ratio Lower Upper

126 100

91 360.9 0.0 731.2





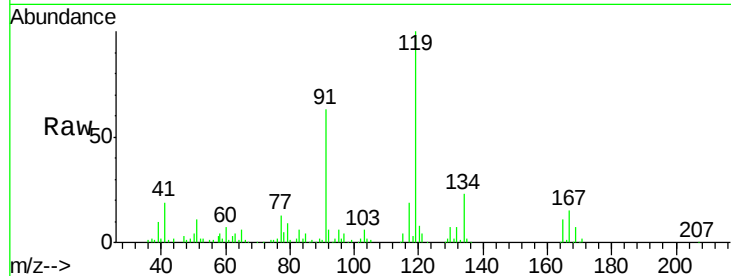
#77
 tert-Butylbenzene
 Concen: 1.780 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

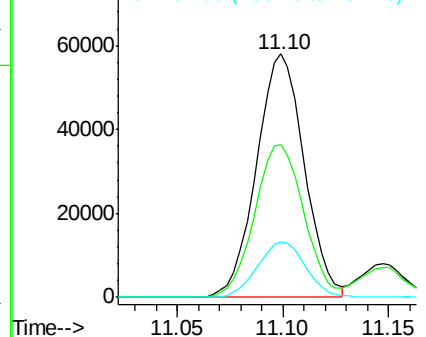
Tgt Ion	Ratio	Resp	Lower	Upper
119	100	91216		
91	64.9	32.0	96.0	
134	22.9	17.9	26.9	

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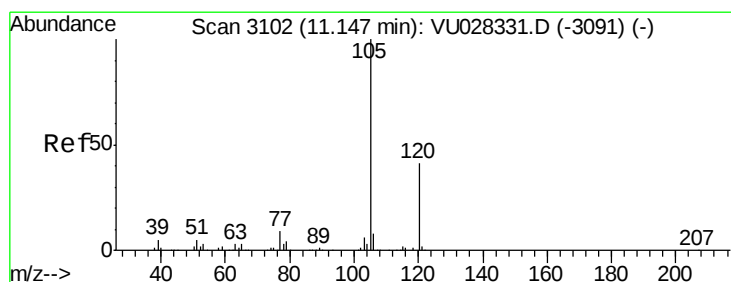
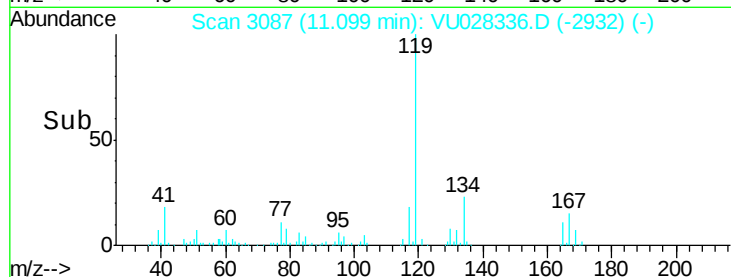


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V



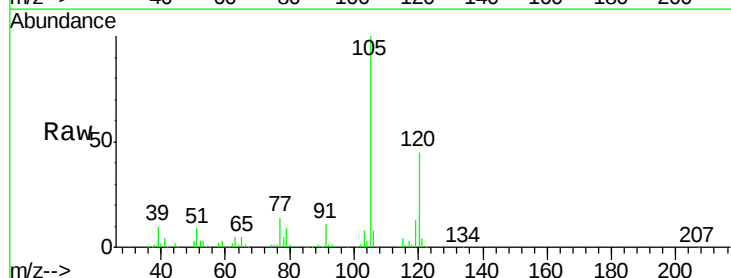
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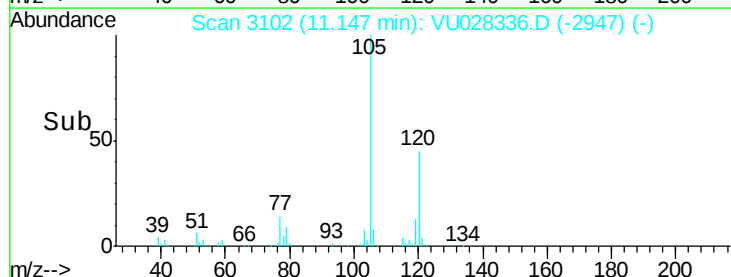
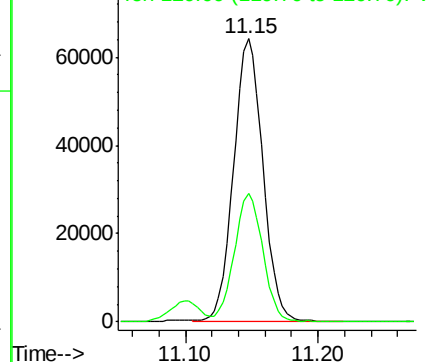


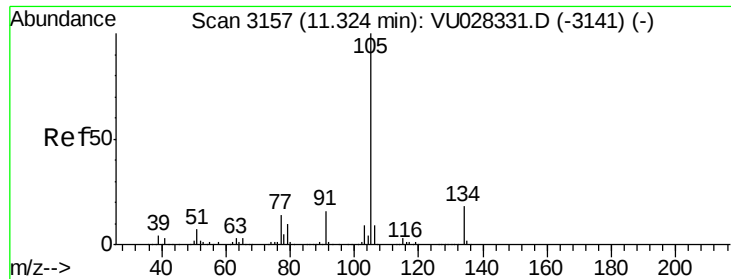
#78
 1,2,4-Trimethylbenzene
 Concen: 1.771 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	98820		
120	43.3	21.9	65.8	



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





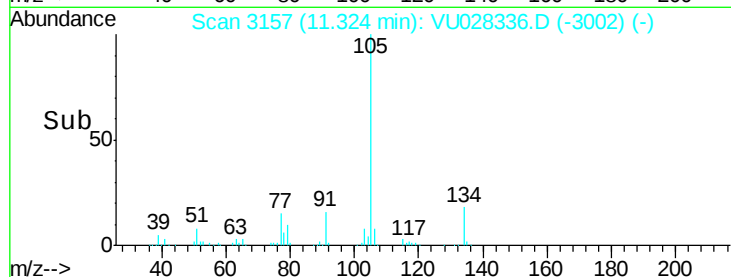
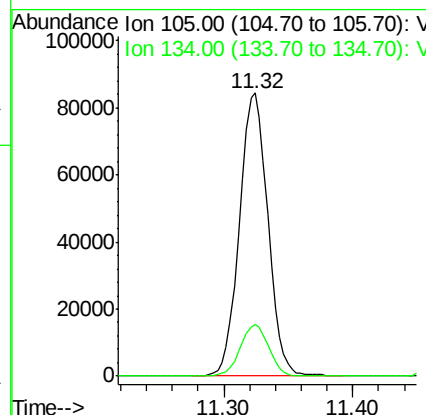
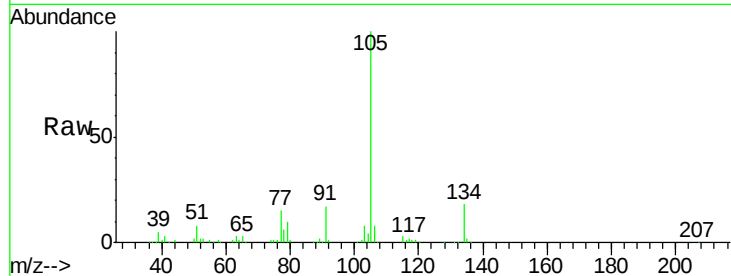
#79
 sec-Butylbenzene
 Concen: 1.809 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.4	14.6	22.0

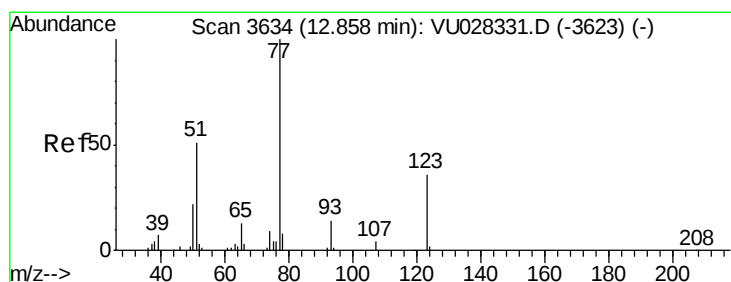
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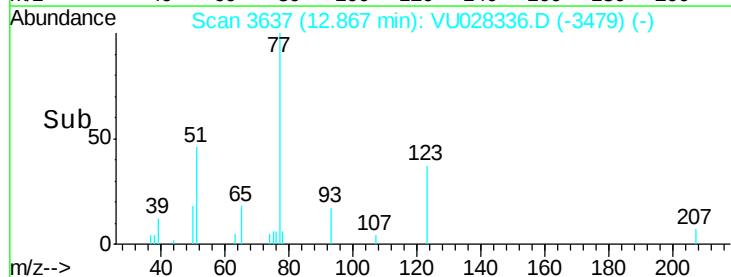
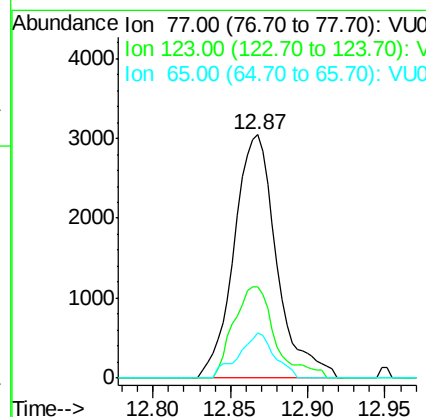
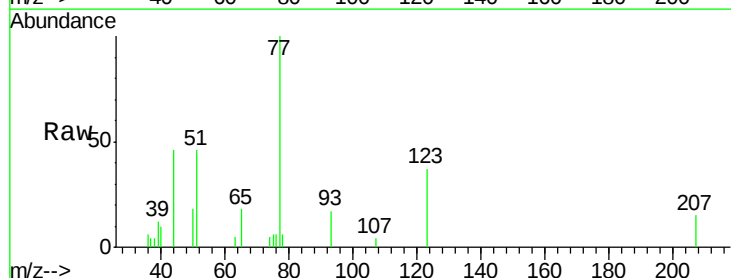
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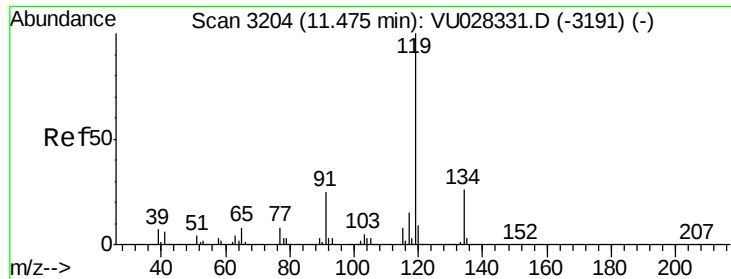
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#80
 Nitrobenzene
 Concen: 8.713 ug/l
 RT: 12.87 min Scan# 3637
 Delta R.T. 0.01 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	16.5	58.3
65	15.6	12.1	15.3#





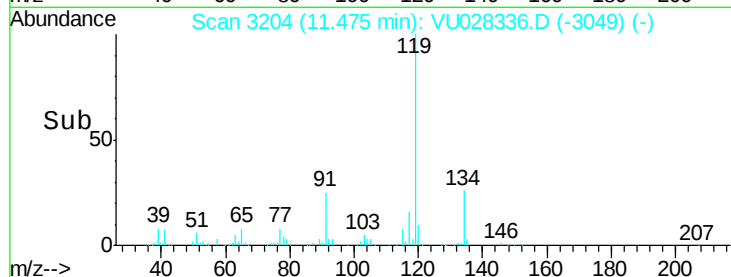
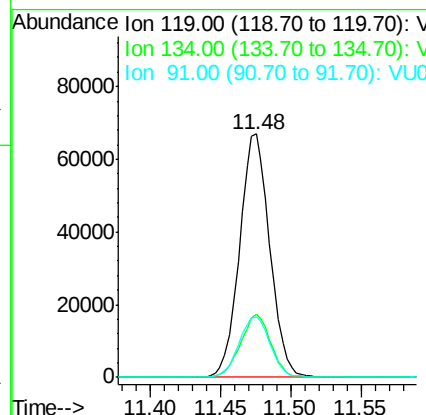
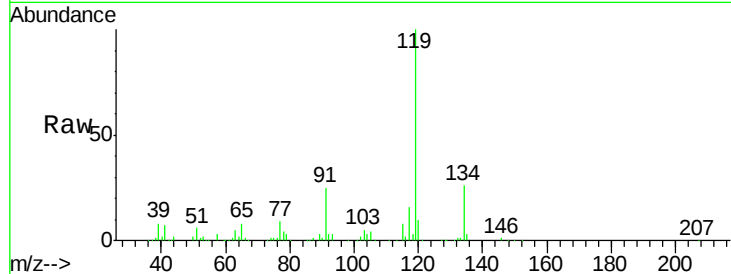
#81
p-Isopropyltoluene
Concen: 1.766 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	100283		
134	25.9		20.3	30.5
91	26.1		20.0	30.0

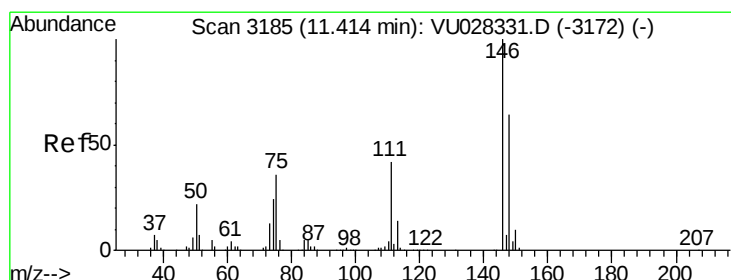
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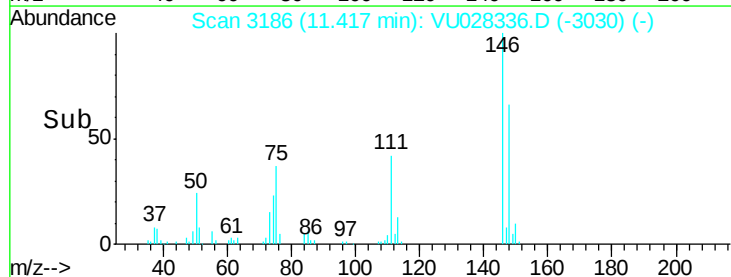
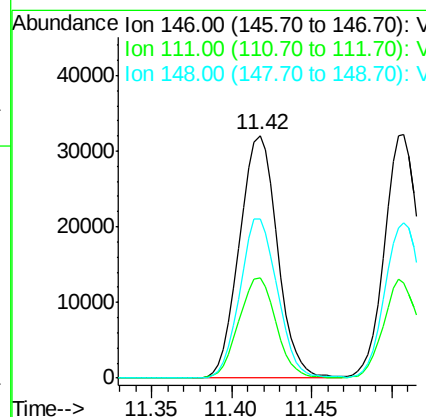
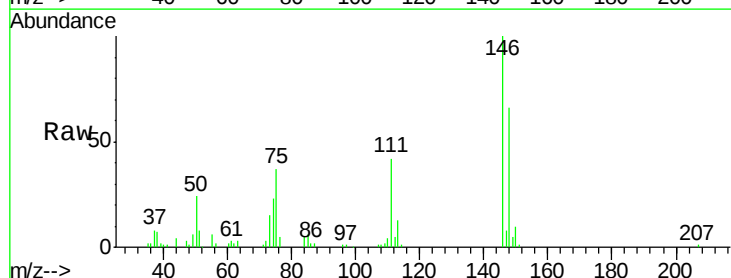
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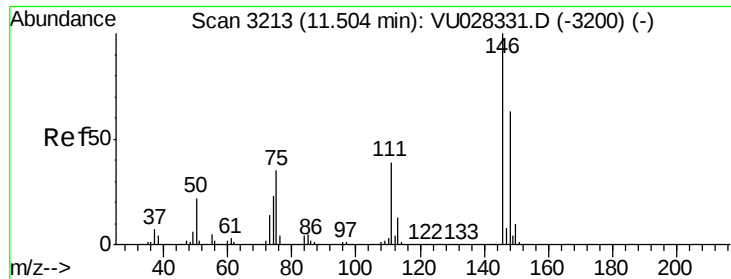
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#82
1,3-Dichlorobenzene
Concen: 1.799 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	51743		
111	40.7		33.4	50.2
148	64.8		51.2	76.8





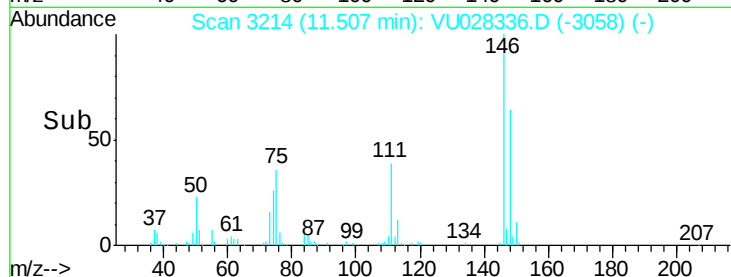
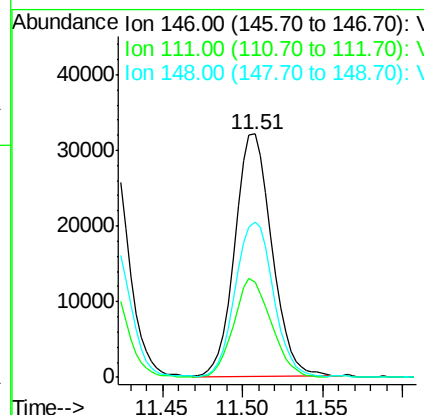
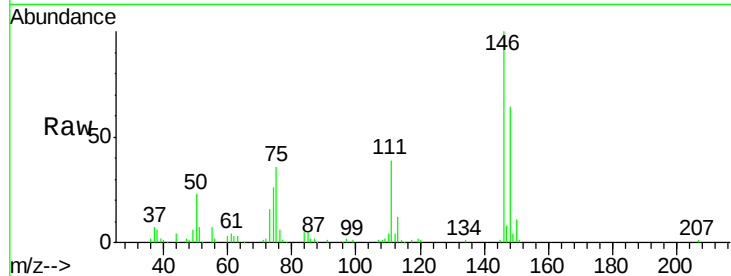
#83
 1,4-Dichlorobenzene
 Concen: 1.757 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Tgt Ion: 146 Resp: 50302
 Ion Ratio Lower Upper
 146 100
 111 41.3 31.4 47.2
 148 65.5 50.7 76.1

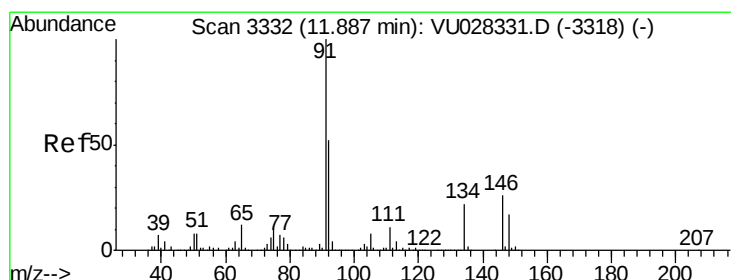
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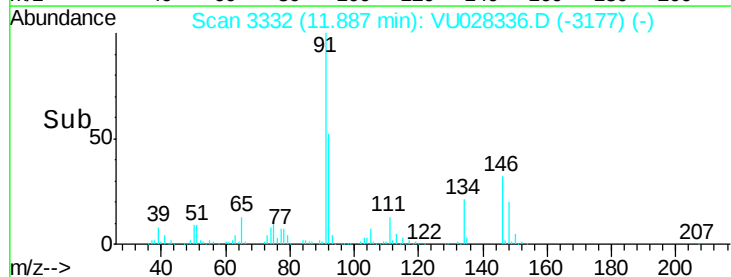
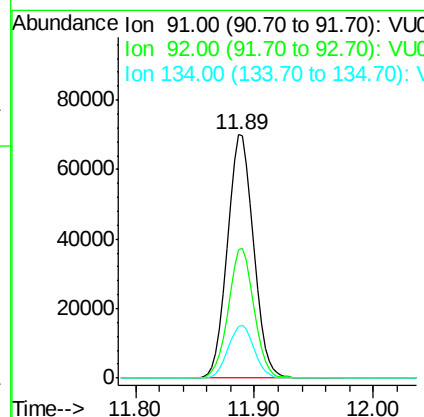
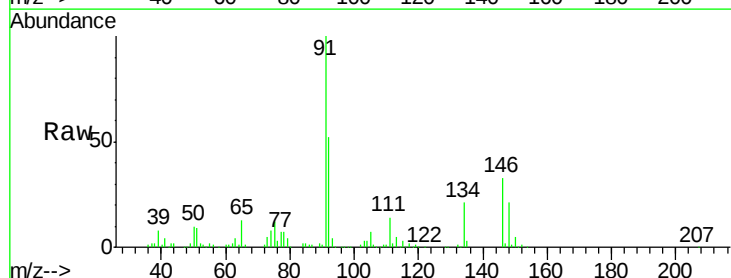
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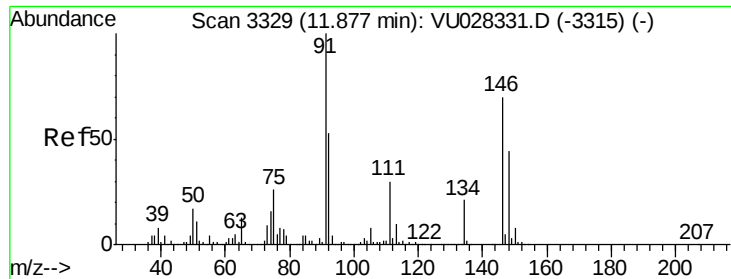
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#84
 n-Butylbenzene
 Concen: 1.791 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 91 Resp: 106762
 Ion Ratio Lower Upper
 91 100
 92 52.2 41.6 62.4
 134 21.5 17.8 26.6





#85

1,2-Dichlorobenzene

Concen: 1.788 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

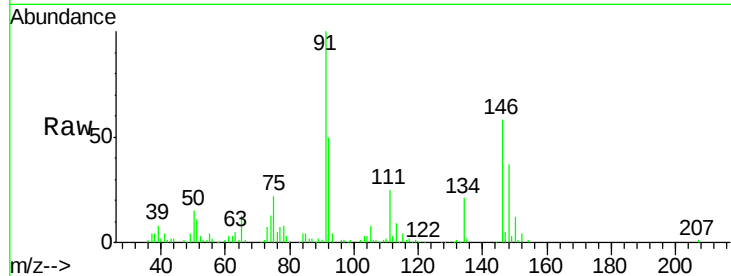
ClientSampleId :

VU1126WBSD01

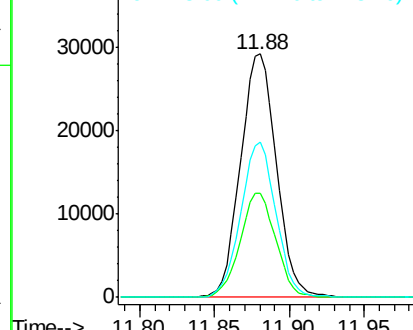
Tgt Ion:	146	Resp:	48930
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.4	64.3
148	62.2	31.4	94.2

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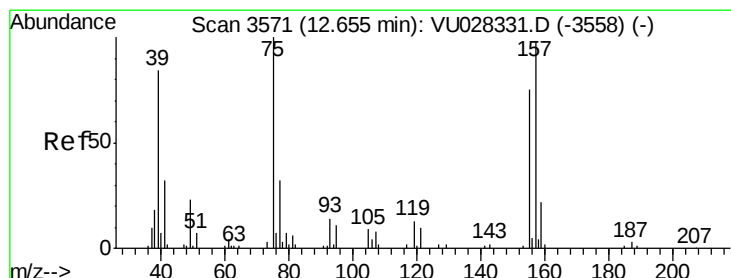
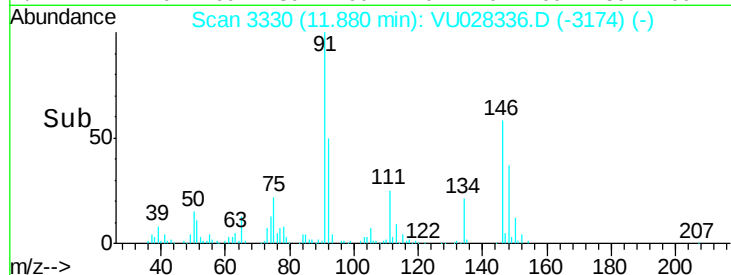


Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



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#86

1,2-Dibromo-3-Chloropropane

Concen: 1.823 ug/l

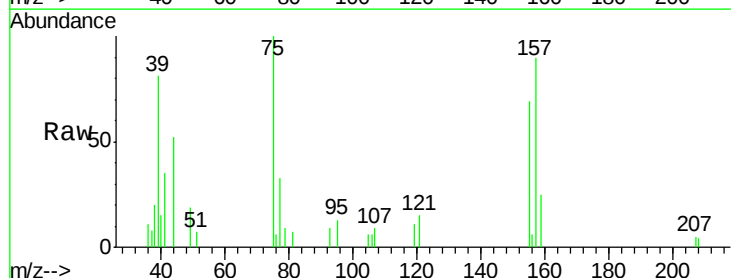
RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

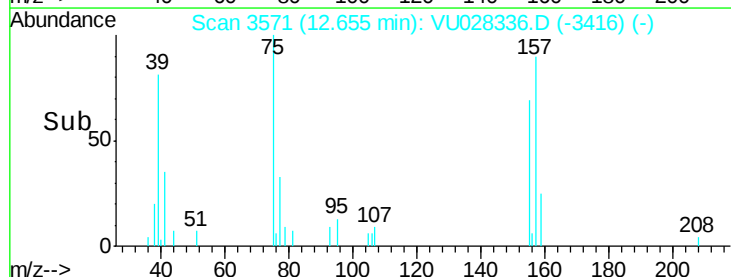
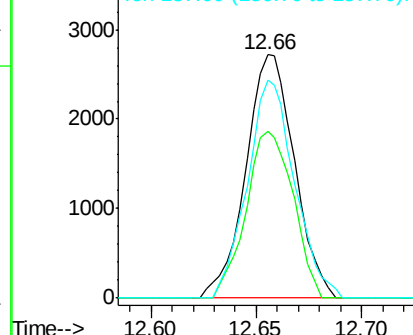
Lab File: VU028336.D

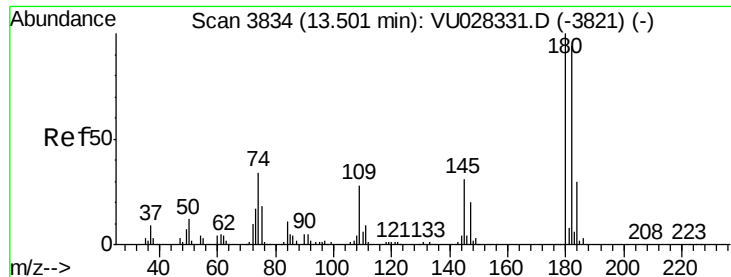
Acq: 26 Nov 2018 14:10

Tgt Ion:	75	Resp:	4349
Ion Ratio	Lower	Upper	
75	100		
155	66.4	57.0	85.4
157	87.4	75.4	113.2



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





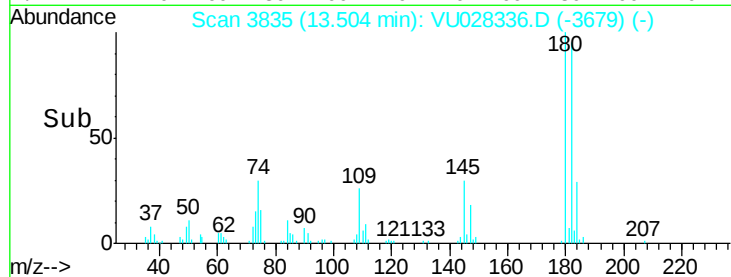
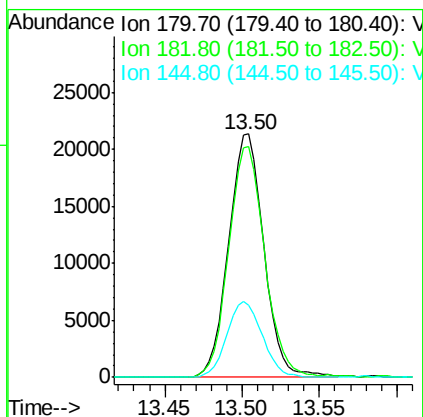
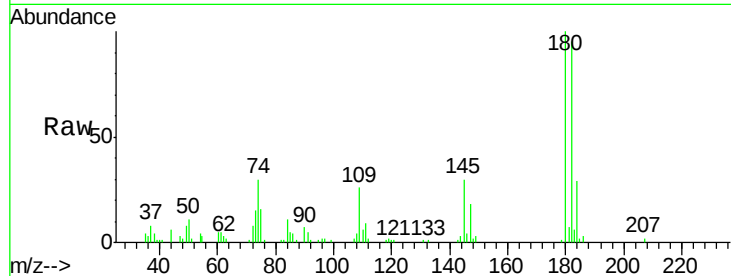
#87
 1,2,4-Trichlorobenzene
 Concen: 1.751 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.6	113.4
145	31.2	24.4	36.6

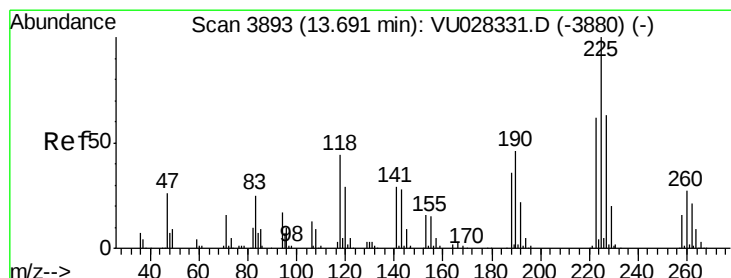
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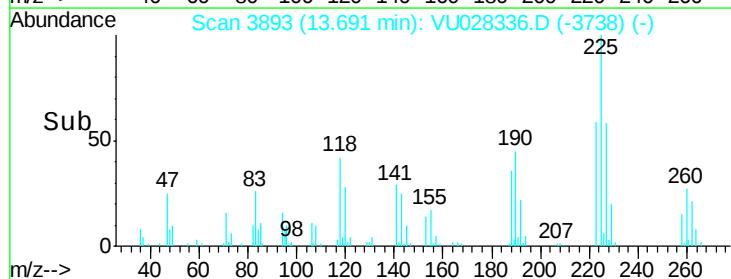
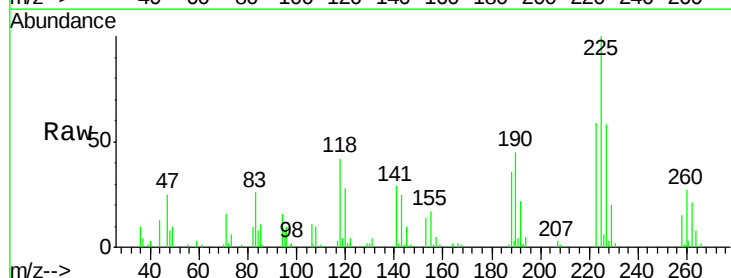
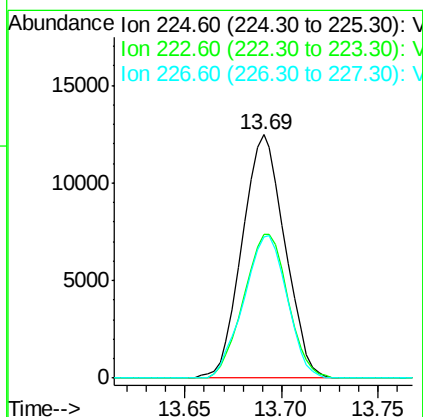
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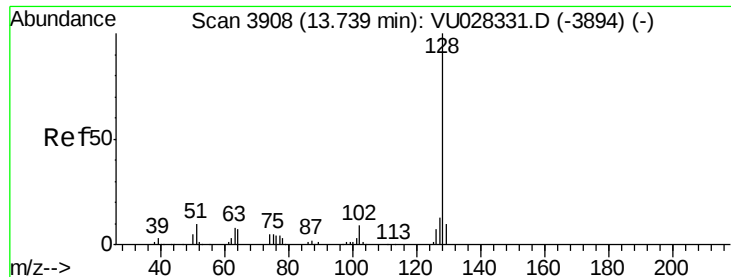
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#88
 Hexachlorobutadiene
 Concen: 1.840 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	59.6	50.8	76.2





#89

Naphthalene

Concen: 1.715 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

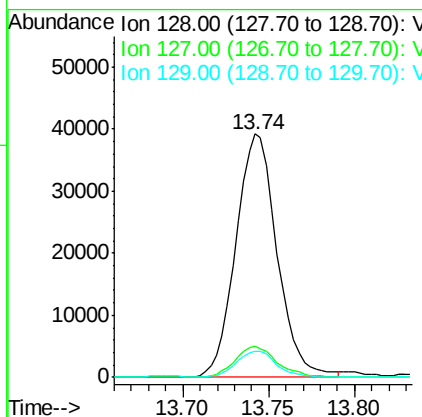
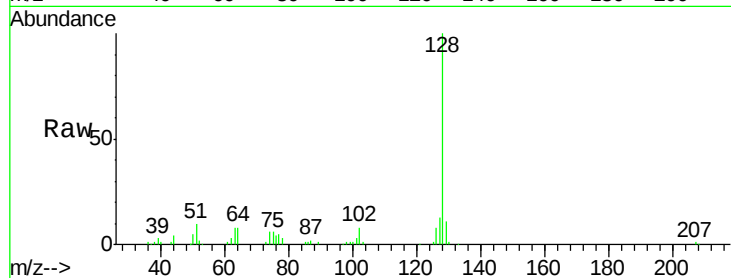
ClientSampleId :

VU1126WBSD01

Tgt Ion:	128	Resp:	65212
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.5	8.2	12.4

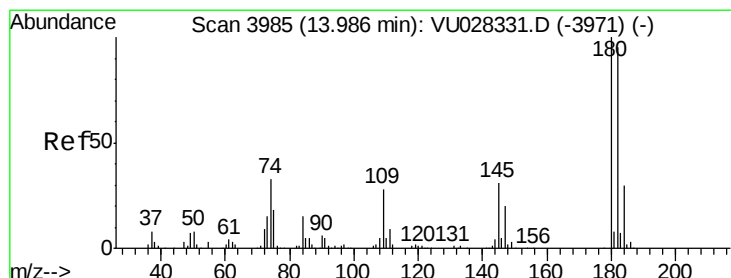
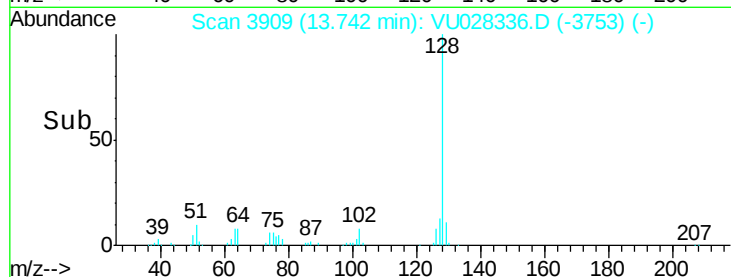
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#90

1,2,3-Trichlorobenzene

Concen: 1.672 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Tgt Ion:	180	Resp:	30329
Ion Ratio	Lower	Upper	
180	100		
182	99.9	76.1	114.1
145	32.5	26.0	39.0

